

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018250.D
 Acq On : 17 Dec 2018 15:50
 Operator : JU/SJ
 Sample : J6378-12MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Quant Time: Dec 18 00:50:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	136518	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	503166	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	244834	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	501383	20.00	ng	0.00
76) Chrysene-d12	21.14	240	591115	20.00	ng	0.00
87) Perylene-d12	23.31	264	647757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1116238	136.59	ng	0.00
7) Phenol-d6	6.70	99	1413521	124.44	ng	0.00
23) Nitrobenzene-d5	8.66	82	875938	89.29	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	398726	110.96	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1505765	79.66	ng	0.00
79) Terphenyl-d14	19.57	244	1913028	73.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	115543	35.691	ng	99
3) Pyridine	3.50	79	349861	36.735	ng	99
4) n-Nitrosodimethylamine	3.43	42	153370	46.786	ng	94
6) Aniline	6.85	93	461813	32.409	ng	99
8) 2-Chlorophenol	7.07	128	406585	42.108	ng	98
9) Benzaldehyde	6.66	77	129654	18.726	ng	91
10) Phenol	6.73	94	613355	50.987	ng	99
11) bis(2-Chloroethyl)ether	6.95	93	381125	39.864	ng	97
12) 1,3-Dichlorobenzene	7.38	146	461834	42.833	ng	99
13) 1,4-Dichlorobenzene	7.53	146	802744	73.316	ng	99
14) 1,2-Dichlorobenzene	7.84	146	430269	40.765	ng	99
15) Benzyl Alcohol	7.75	79	349018	37.709	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	322735	37.511	ng	90
17) 2-Methylphenol	7.95	107	328728	40.925	ng	98
18) Hexachloroethane	8.55	117	176456	43.969	ng	99
19) n-Nitroso-di-n-propylamine	8.31	70	304808	35.939	ng	97
20) 3+4-Methylphenols	8.28	107	440232	39.113	ng	99
22) Acetophenone	8.32	105	582007	43.709	ng	97
24) Nitrobenzene	8.70	77	444782	45.378	ng	99
25) Isophorone	9.22	82	763204	46.732	ng	98
26) 2-Nitrophenol	9.40	139	205999	42.850	ng	98
27) 2,4-Dimethylphenol	9.47	122	344818	49.768	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	472909	44.423	ng	99
29) 2,4-Dichlorophenol	9.93	162	335274	43.644	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	378517	43.318	ng	95
31) Naphthalene	10.31	128	1449965	58.933	ng	100
32) Benzoic acid	9.65	122	202568	30.876	ng	97
33) 4-Chloroaniline	10.45	127	288138	26.736	ng	98
34) Hexachlorobutadiene	10.58	225	232989	42.159	ng	94
35) Caprolactam	11.25	113	101549	34.692	ng	98
36) 4-Chloro-3-methylphenol	11.59	107	363193	39.347	ng	99
37) 2-Methylnaphthalene	11.93	142	897554	51.730	ng	99
38) 1-Methylnaphthalene	12.16	142	800632	47.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	384238	45.638	ng	98

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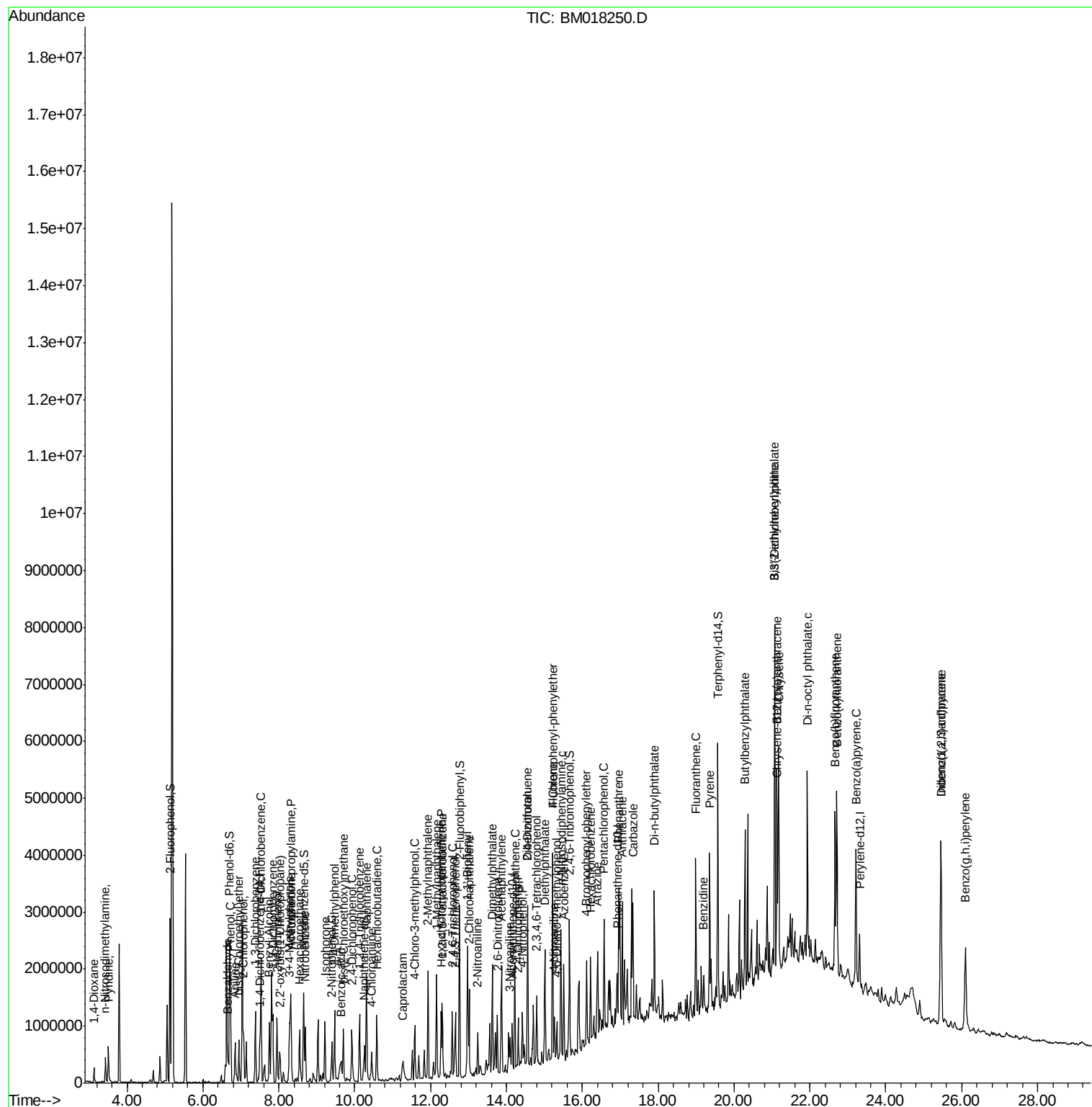
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	321092	86.373	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	250178	46.201	ng	96
44) 2,4,5-Trichlorophenol	12.65	196	260119	45.248	ng	98
46) 1,1'-Biphenyl	12.97	154	984998	44.720	ng	99
47) 2-Chloronaphthalene	13.02	162	723761	44.644	ng	99
48) 2-Nitroaniline	13.25	65	208653	41.781	ng	98
49) Acenaphthylene	13.87	152	1130013	46.254	ng	99
50) Dimethylphthalate	13.63	163	960907	47.208	ng	99
51) 2,6-Dinitrotoluene	13.76	165	191643	42.829	ng	98
52) Acenaphthene	14.22	154	651973	43.668	ng	99
53) 3-Nitroaniline	14.09	138	145776	30.958	ng	100
54) 2,4-Dinitrophenol	14.31	184	192787	78.104	ng	95
55) Dibenzofuran	14.56	168	1044666	43.545	ng	99
56) 4-Nitrophenol	14.42	139	290118	81.261	ng	95
57) 2,4-Dinitrotoluene	14.56	165	265843	42.982	ng	95
58) Fluorene	15.22	166	850296	45.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	224246	43.313	ng	# 98
60) Diethylphthalate	15.00	149	856868	39.008	ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	418851	39.970	ng	100
62) 4-Nitroaniline	15.26	138	162248	36.313	ng	93
63) Azobenzene	15.51	77	856676	42.771	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	131075	35.512	ng	92
66) n-Nitrosodiphenylamine	15.44	169	753817	45.466	ng	98
67) 4-Bromophenyl-phenylether	16.12	248	258662	42.598	ng	97
68) Hexachlorobenzene	16.22	284	285527	42.922	ng	98
69) Atrazine	16.41	200	353840	63.216	ng	97
70) Pentachlorophenol	16.57	266	338216	76.983	ng	99
71) Phenanthrene	16.96	178	1358938	49.899	ng	99
72) Anthracene	17.05	178	1264535	46.803	ng	98
73) Carbazole	17.33	167	1140559	41.129	ng	99
74) Di-n-butylphthalate	17.90	149	1445414	42.243	ng	99
75) Fluoranthene	18.99	202	1435490	45.336	ng	100
77) Benzidine	19.20	184	342564	22.854	ng	96
78) Pyrene	19.36	202	1506845	42.782	ng	99
80) Butylbenzylphthalate	20.29	149	691347	41.260	ng	98
81) Benzo(a)anthracene	21.13	228	1578216	45.706	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	435048	31.537	ng	97
83) Chrysene	21.18	228	1506778	45.367	ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1470072	58.868	ng	98
85) Di-n-octyl phthalate	21.93	149	1892212	46.266	ng	99
86) Indeno(1,2,3-cd)pyrene	25.45	276	2006021	60.634	ng	99
88) Benzo(b)fluoranthene	22.67	252	1721465	47.311	ng	# 98
89) Benzo(k)fluoranthene	22.71	252	1572514	43.395	ng	# 97
90) Benzo(a)pyrene	23.22	252	1622938	46.897	ng	98
91) Dibenzo(a,h)anthracene	25.46	278	1697368	52.949	ng	98
92) Benzo(g,h,i)perylene	26.10	276	1655999	54.649	ng	99

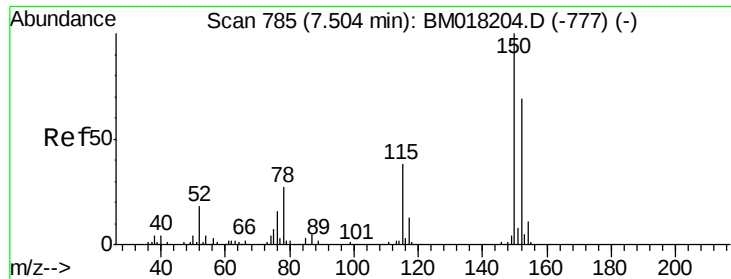
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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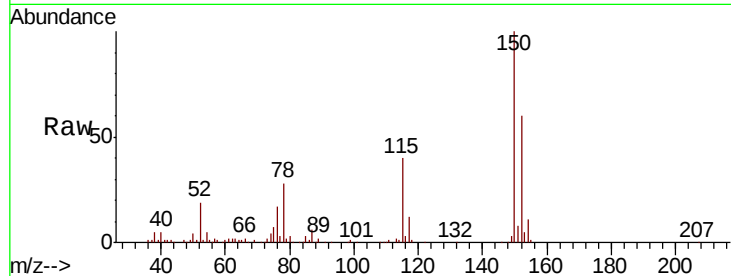


#1

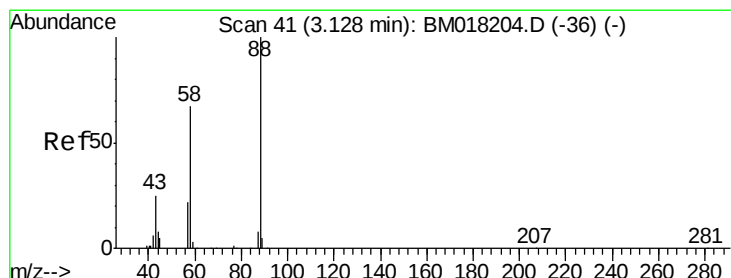
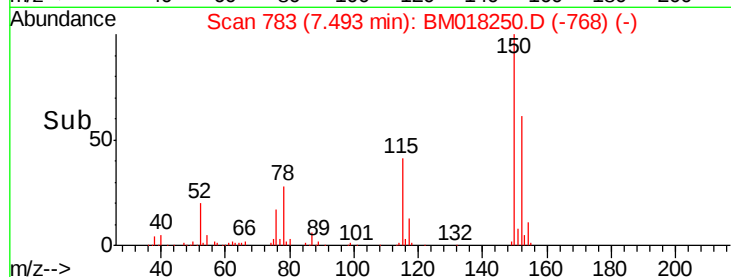
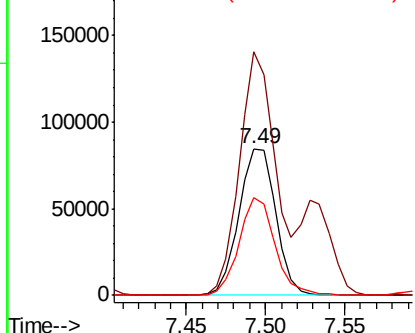
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 152 Resp: 136518
Ion Ratio Lower Upper
152 100
150 166.3 116.1 174.1
115 67.0 44.6 67.0#



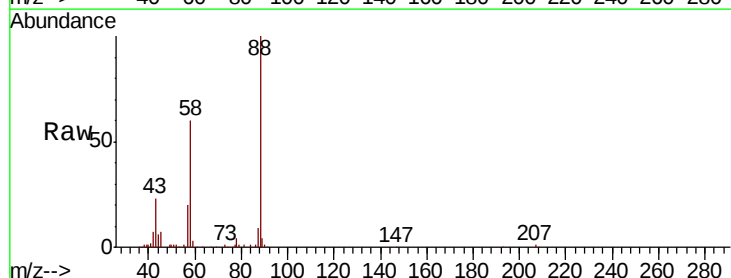
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



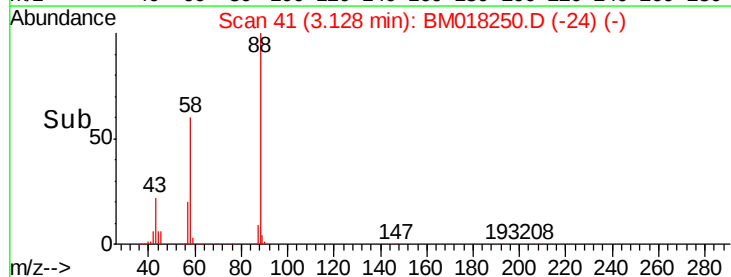
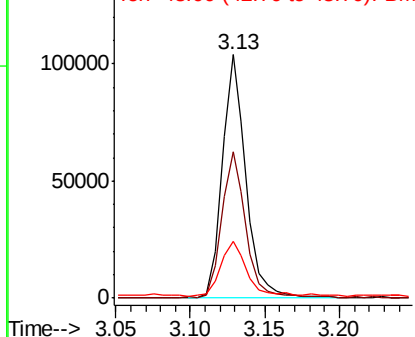
#2

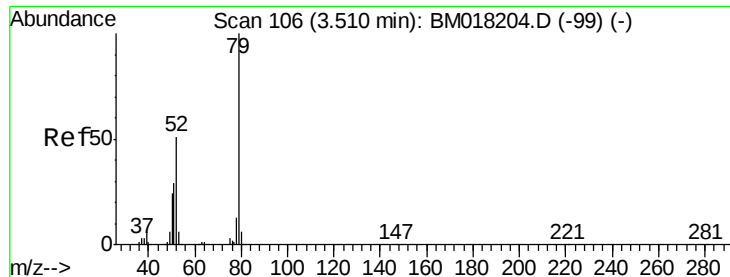
1,4-Dioxane
Concen: 35.691 ng
RT: 3.13 min Scan# 41
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion: 88 Resp: 115543
Ion Ratio Lower Upper
88 100
58 61.2 49.8 74.6
43 24.1 19.1 28.7



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 36.735 ng

RT: 3.50 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

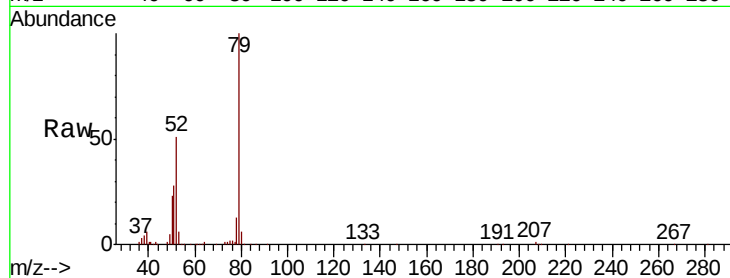
Tgt Ion: 79 Resp: 349861

Ion Ratio Lower Upper

79 100

52 51.5 40.7 61.1

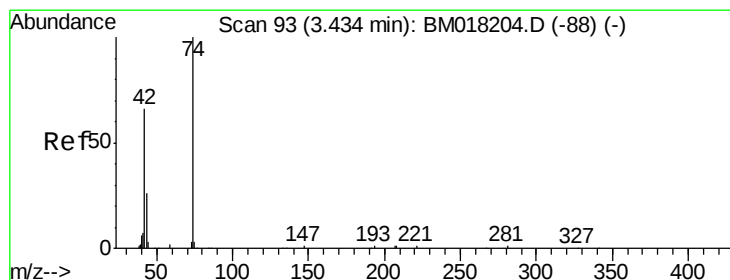
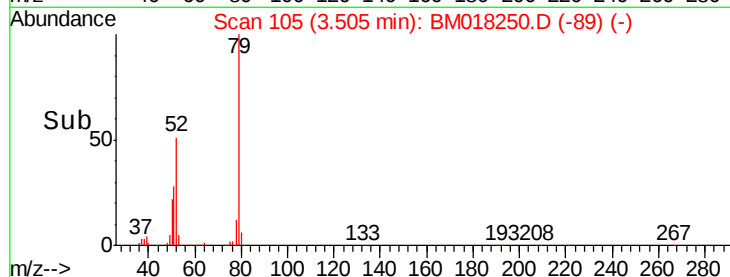
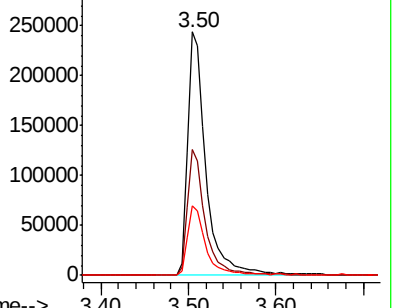
51 28.3 23.0 34.6



Abundance Ion 79.00 (78.70 to 79.70): BM018250.D (-99) (-)

Ion 52.00 (51.70 to 52.70): BM018250.D (-99) (-)

Ion 51.00 (50.70 to 51.70): BM018250.D (-99) (-)



#4

n-Nitrosodimethylamine

Concen: 46.786 ng

RT: 3.43 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

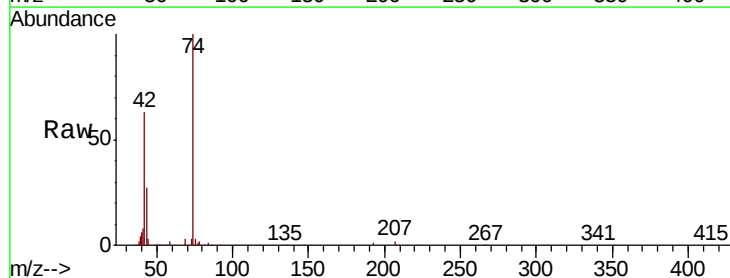
Tgt Ion: 42 Resp: 153370

Ion Ratio Lower Upper

42 100

74 158.0 120.4 180.6

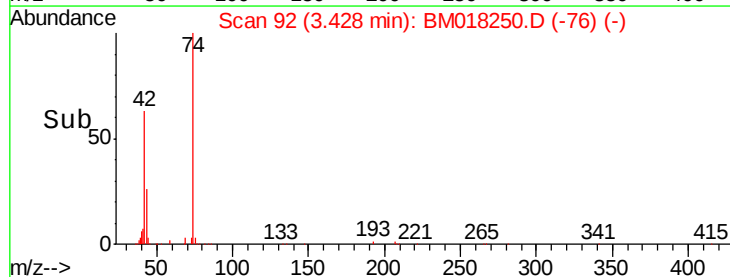
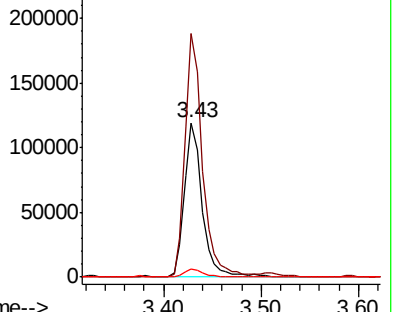
44 5.1 4.6 7.0

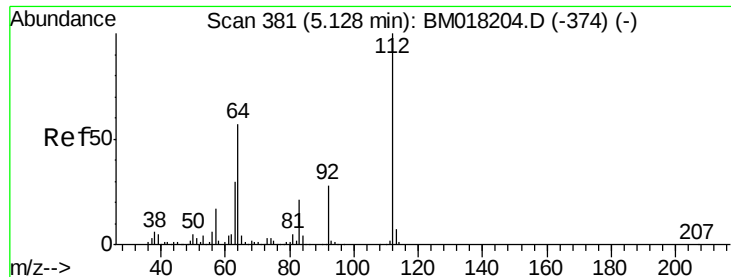


Abundance Ion 42.00 (41.70 to 42.70): BM018250.D (-76) (-)

Ion 74.00 (73.70 to 74.70): BM018250.D (-76) (-)

Ion 44.00 (43.70 to 44.70): BM018250.D (-76) (-)





#5

2-Fluorophenol

Concen: 136.587 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

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ClientSampleId :

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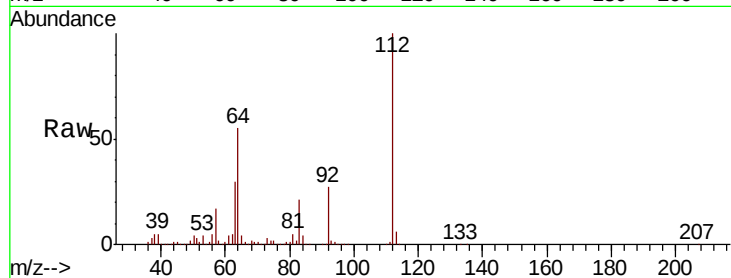
Tgt Ion:112 Resp: 1116238

Ion Ratio Lower Upper

112 100

64 55.2 45.4 68.2

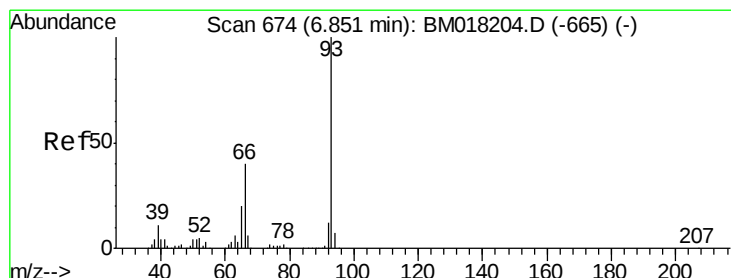
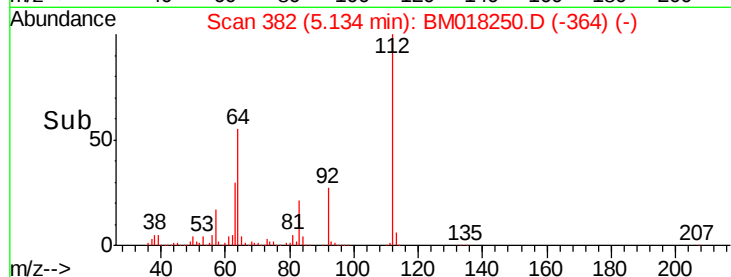
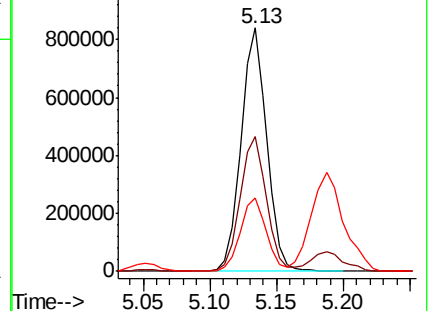
63 29.9 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 32.409 ng

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

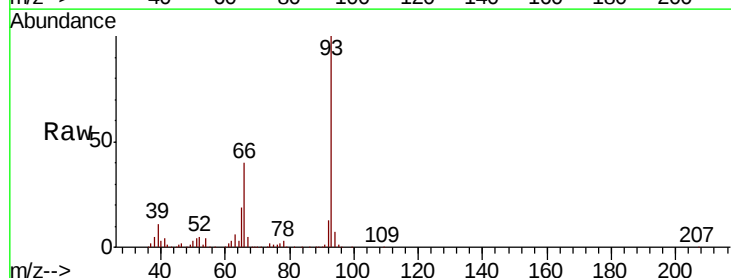
Tgt Ion: 93 Resp: 461813

Ion Ratio Lower Upper

93 100

66 40.3 32.3 48.5

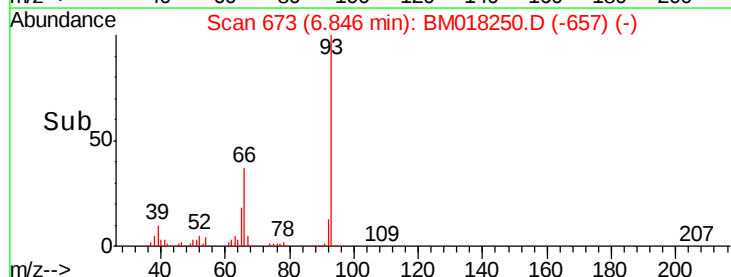
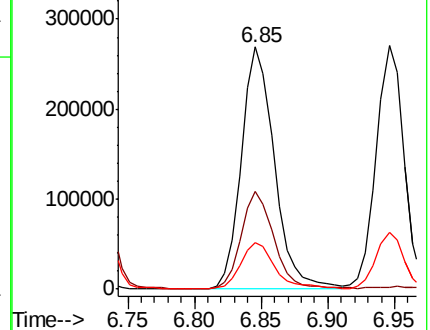
65 19.5 16.2 24.4

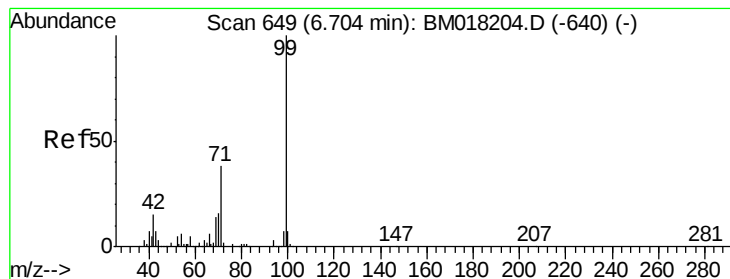


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 124.441 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

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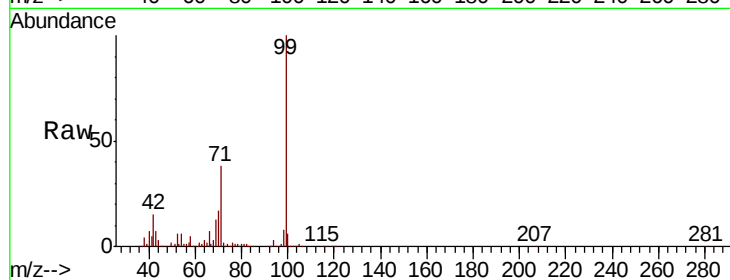
Tgt Ion: 99 Resp: 1413521

Ion Ratio Lower Upper

99 100

42 15.3 12.3 18.5

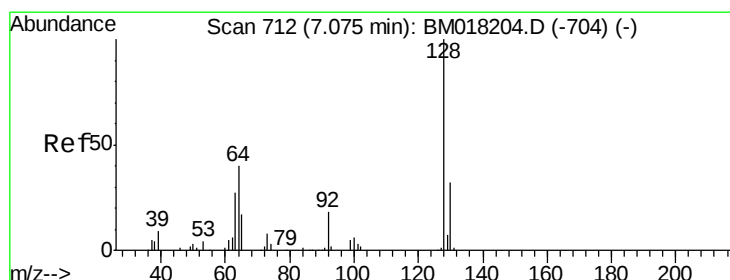
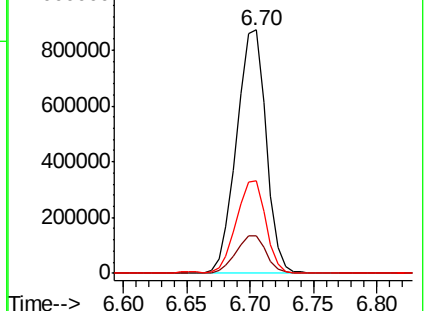
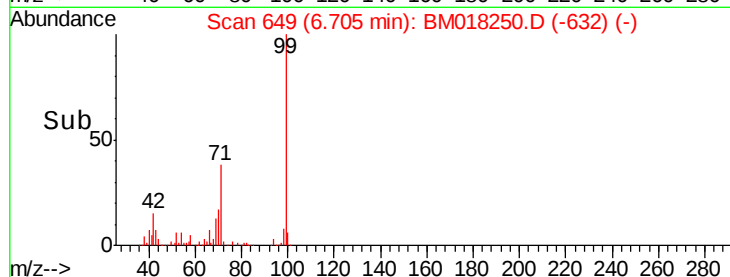
71 38.1 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018250.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018250.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018250.D (-632) (-)



#8

2-Chlorophenol

Concen: 42.108 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

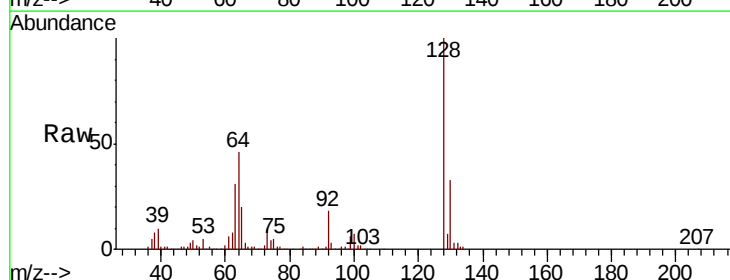
Tgt Ion: 128 Resp: 406585

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

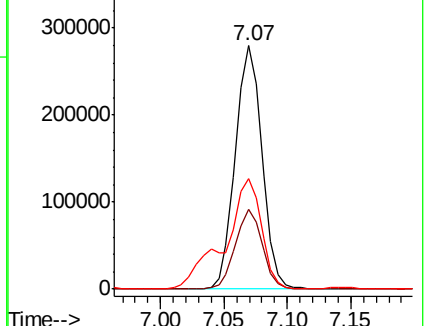
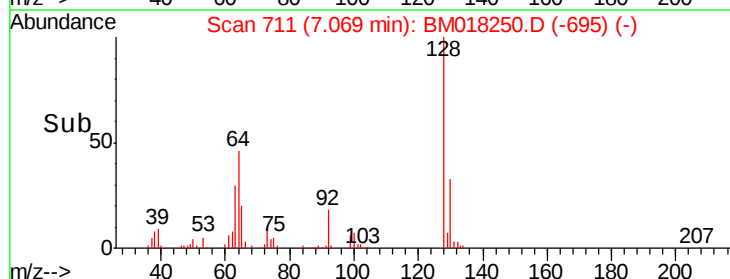
64 45.5 24.1 64.1

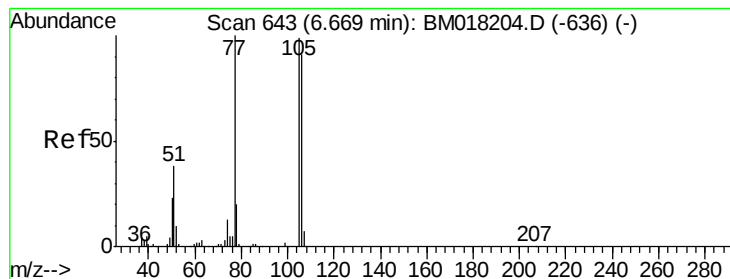


Abundance Ion 128.00 (127.70 to 128.70): BM018250.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018250.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018250.D (-695) (-)





#9

Benzaldehyde

Concen: 18.726 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

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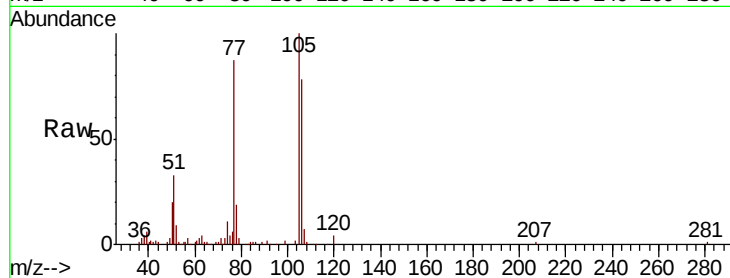
Tgt Ion: 77 Resp: 129654

Ion Ratio Lower Upper

77 100

105 115.4 78.8 118.8

106 90.0 70.7 110.7

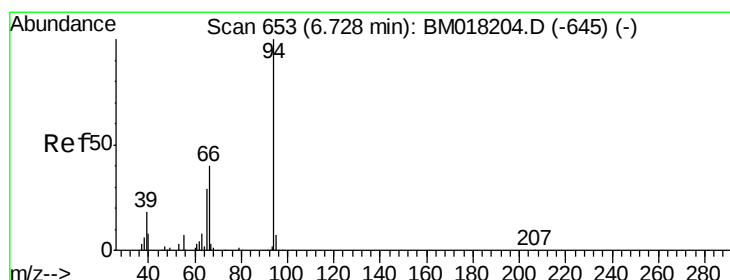
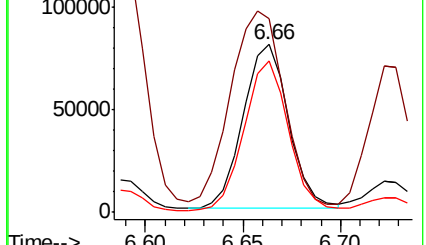
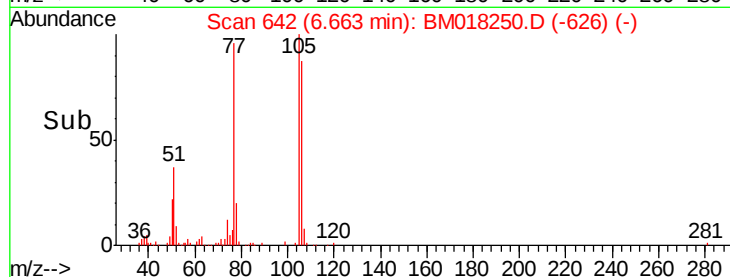


Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM018204.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM018204.D (-636) (-)

Time-->



#10

Phenol

Concen: 50.987 ng

RT: 6.73 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

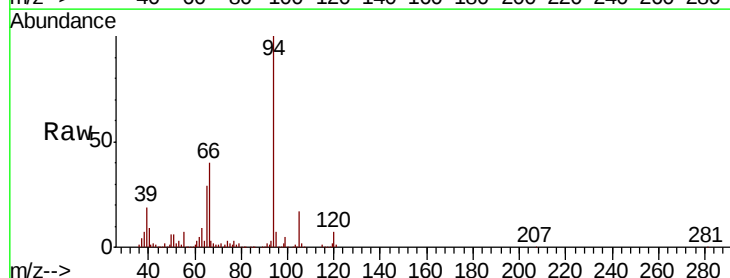
Tgt Ion: 94 Resp: 613355

Ion Ratio Lower Upper

94 100

65 29.4 9.5 49.5

66 40.3 21.3 61.3

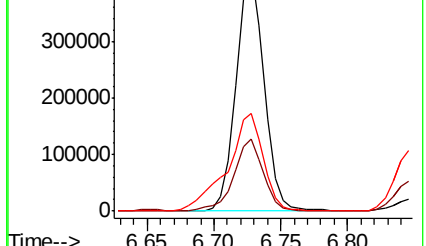
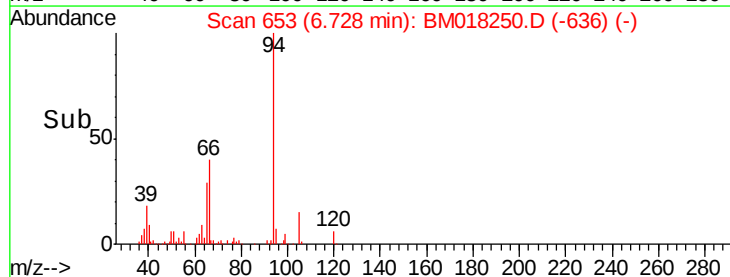


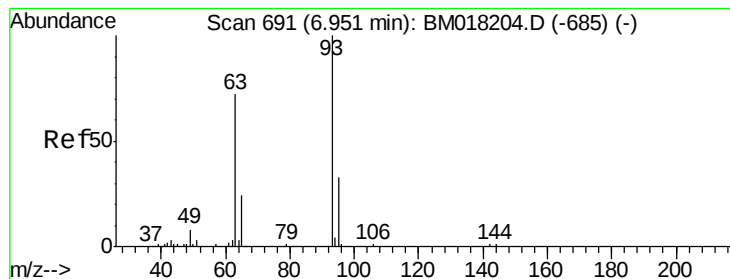
Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM018204.D (-645) (-)

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 39.864 ng

RT: 6.95 min Scan# 690

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

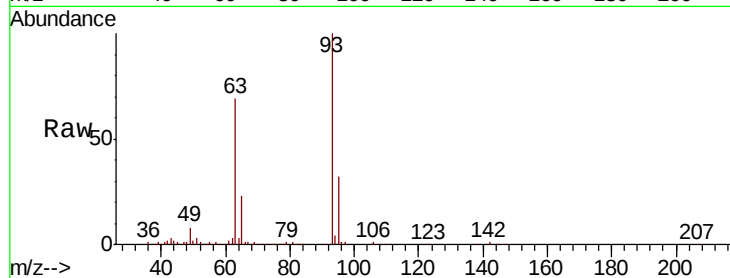
Tgt Ion: 93 Resp: 381125

Ion Ratio Lower Upper

93 100

63 69.2 51.7 91.7

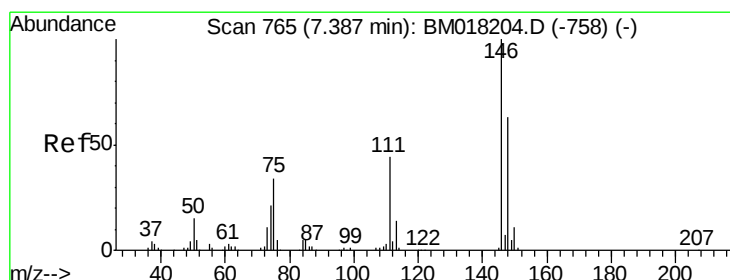
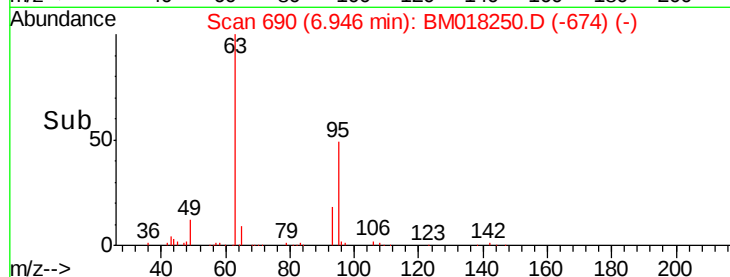
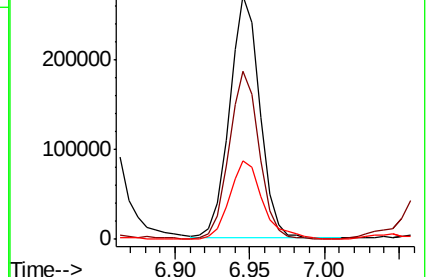
95 32.2 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BM018204.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM018204.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018204.D (-685) (-)



#12

1,3-Dichlorobenzene

Concen: 42.833 ng

RT: 7.38 min Scan# 764

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

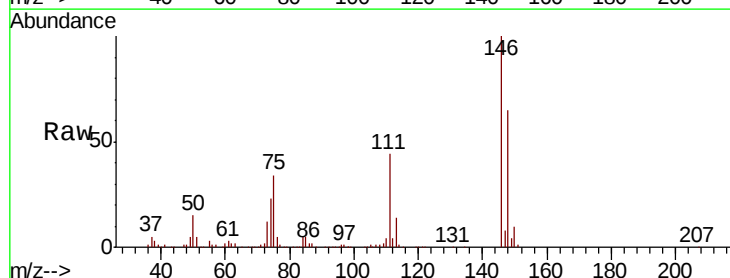
Tgt Ion: 146 Resp: 461834

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

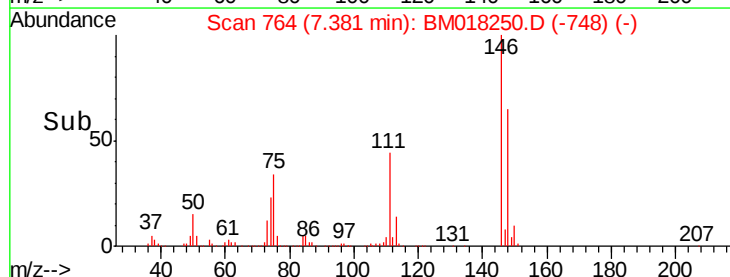
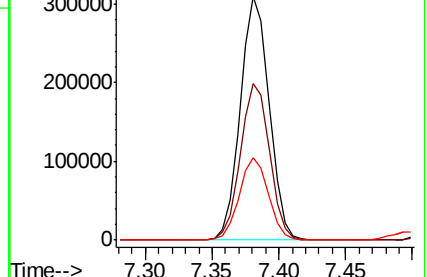
75 33.9 27.0 40.4

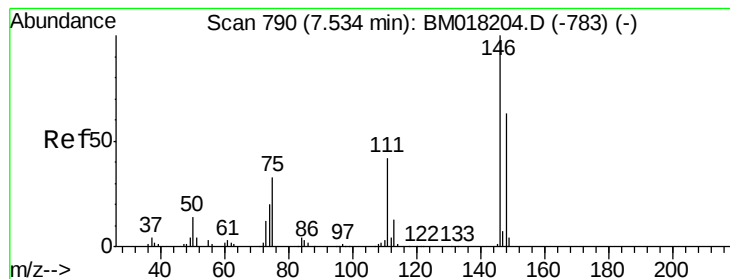


Abundance Ion 146.00 (145.70 to 146.70): BM018204.D (-758) (-)

Ion 148.00 (147.70 to 148.70): BM018204.D (-758) (-)

Ion 75.00 (74.70 to 75.70): BM018204.D (-758) (-)





#13

1,4-Dichlorobenzene

Concen: 73.316 ng

RT: 7.53 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

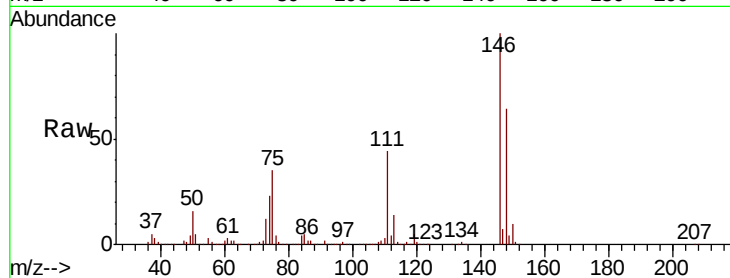
Tgt Ion:146 Resp: 802744

Ion Ratio Lower Upper

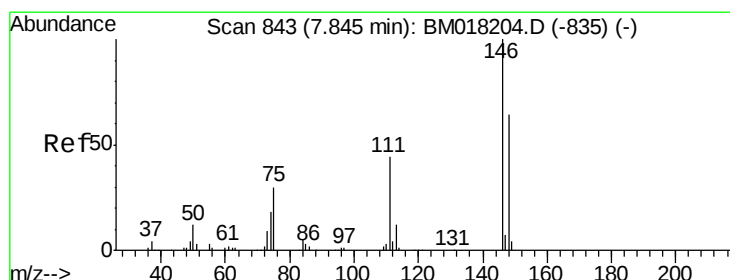
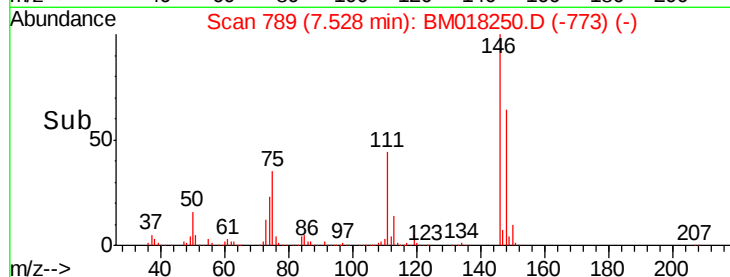
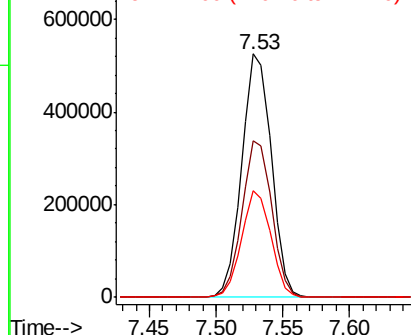
146 100

148 64.1 50.7 76.1

111 43.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.765 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

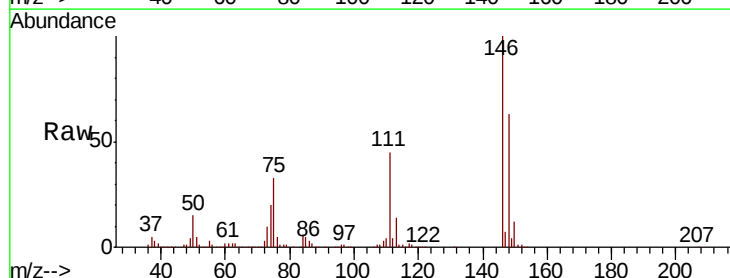
Tgt Ion:146 Resp: 430269

Ion Ratio Lower Upper

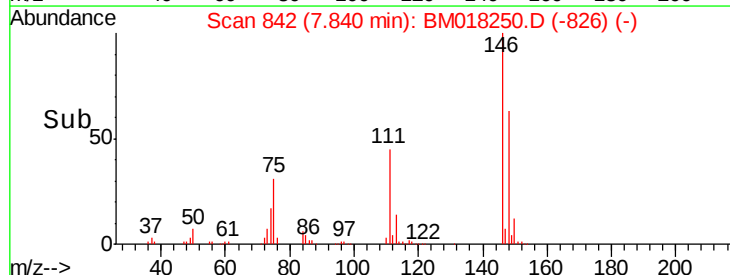
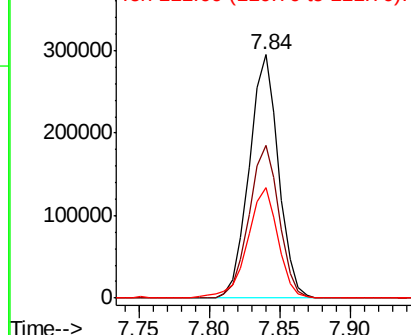
146 100

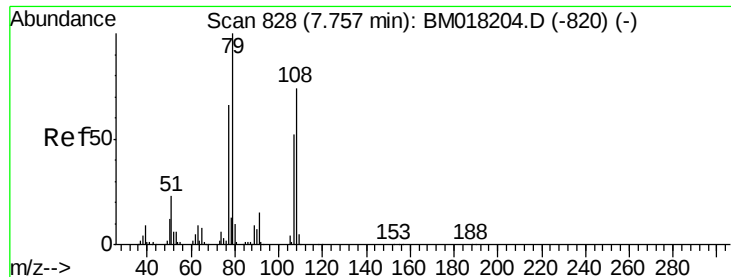
148 62.8 51.3 76.9

111 45.3 35.8 53.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.709 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

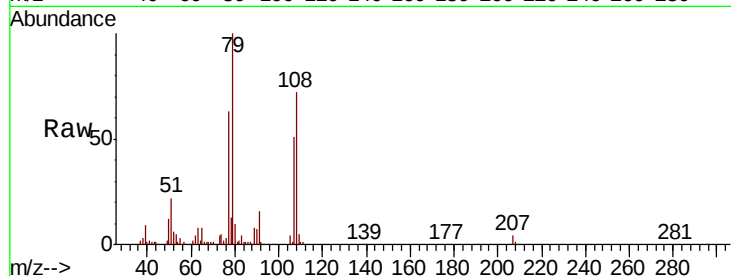
Tgt Ion: 79 Resp: 349018

Ion Ratio Lower Upper

79 100

108 72.2 59.3 88.9

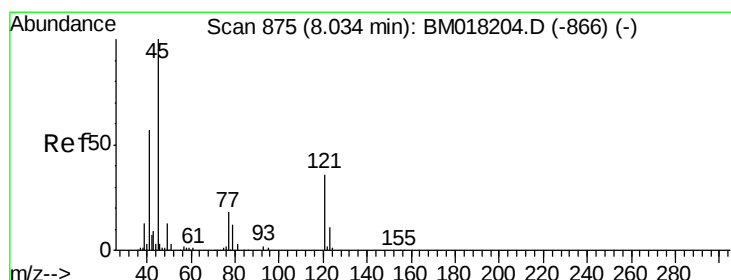
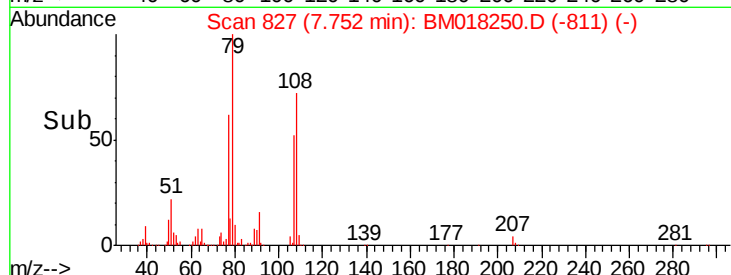
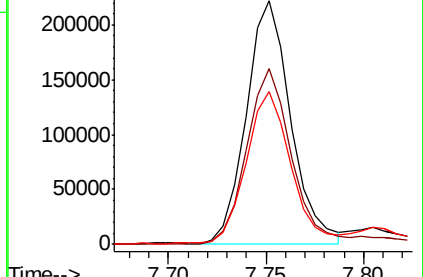
77 62.6 53.0 79.4



Abundance Ion 79.00 (78.70 to 79.70): BM018204.D (-820) (-)

Ion 108.00 (107.70 to 108.70): BM018204.D (-820) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-820) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.511 ng

RT: 8.03 min Scan# 875

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

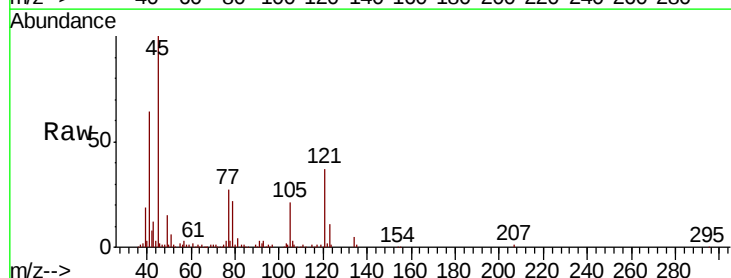
Tgt Ion: 45 Resp: 322735

Ion Ratio Lower Upper

45 100

77 26.9 2.5 42.5

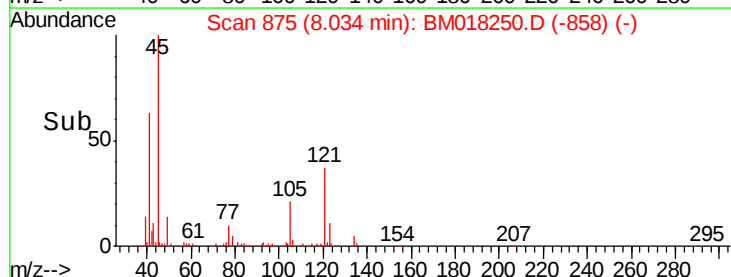
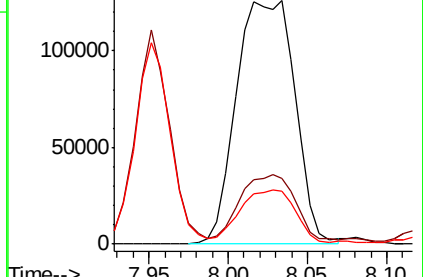
79 21.7 0.0 37.2

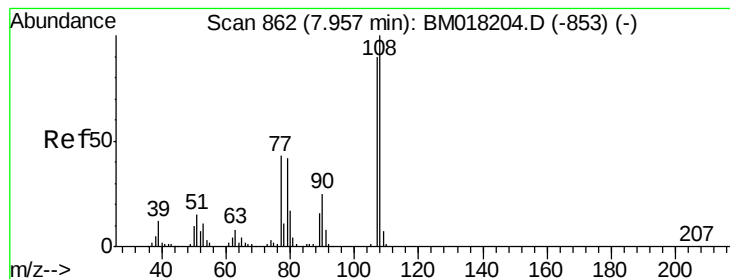


Abundance Ion 45.00 (44.70 to 45.70): BM018204.D (-866) (-)

Ion 77.00 (76.70 to 77.70): BM018204.D (-866) (-)

Ion 79.00 (78.70 to 79.70): BM018204.D (-866) (-)

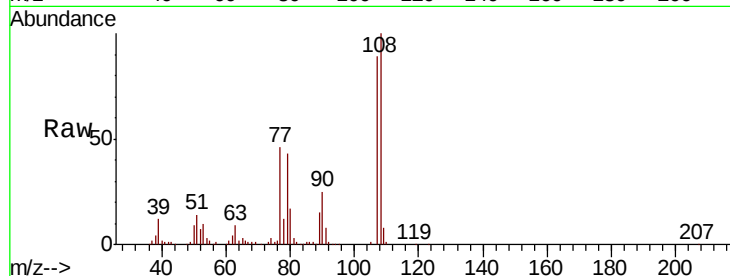




#17
2-Methylphenol
Concen: 40.925 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:	107	Resp:	328728
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.3	133.9
77	51.6	38.2	57.4
79	48.5	37.7	56.5



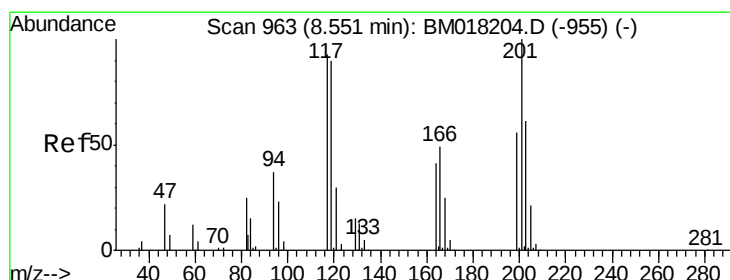
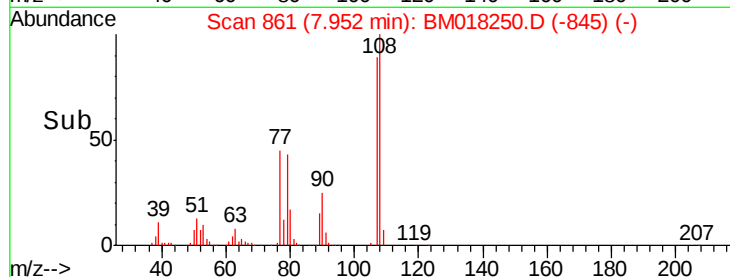
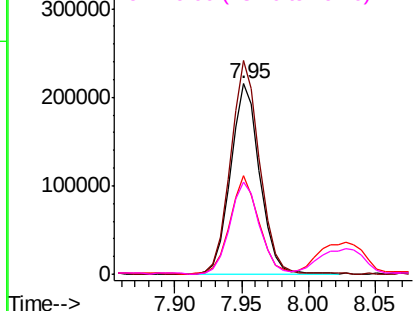
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

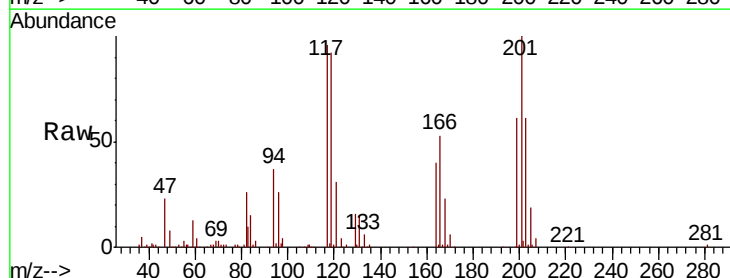
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 43.969 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion:	117	Resp:	176456
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.4
201	104.6	85.7	128.5

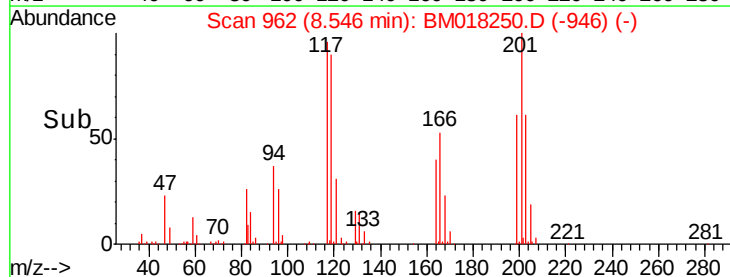
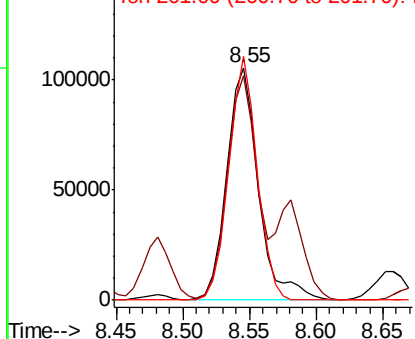


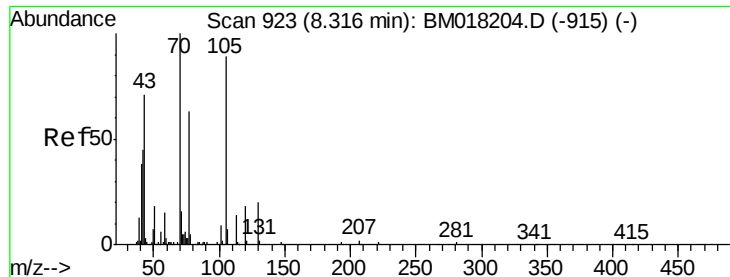
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

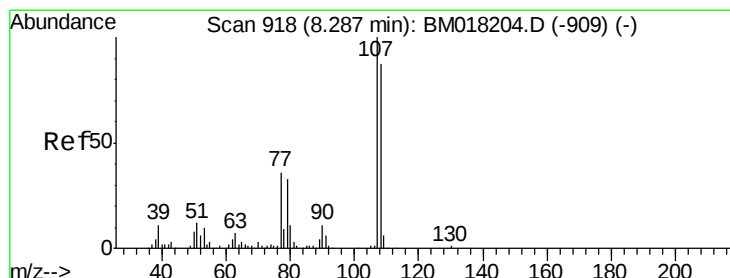
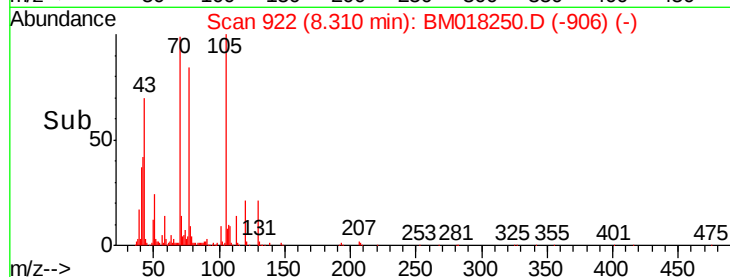
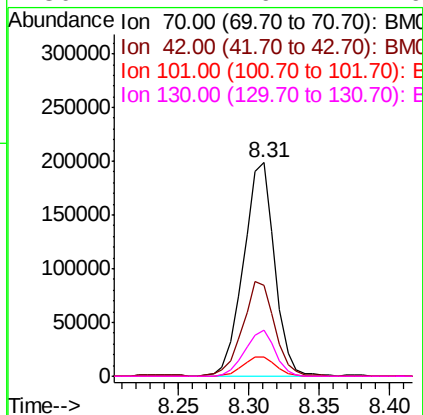
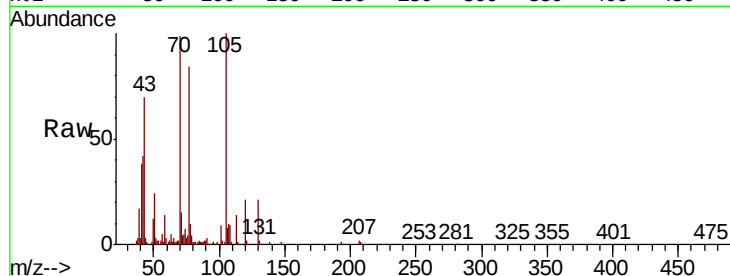




#19
n-Nitroso-di-n-propylamine
Concen: 35.939 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

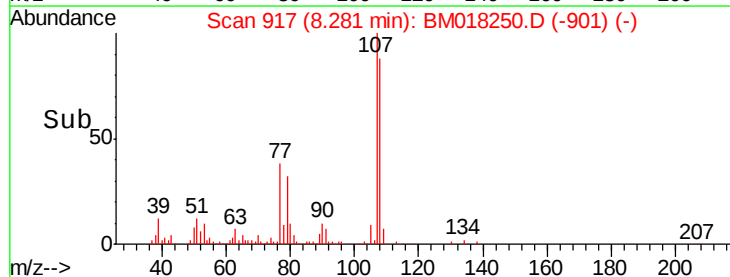
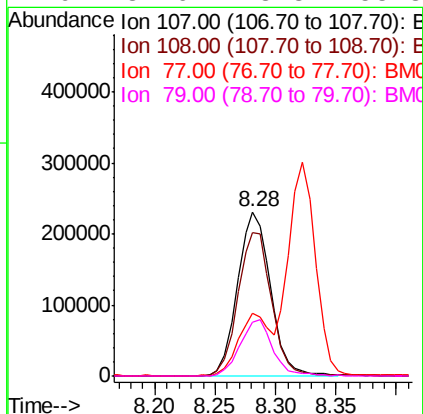
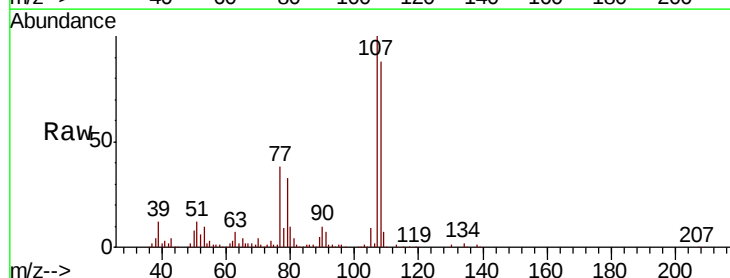
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

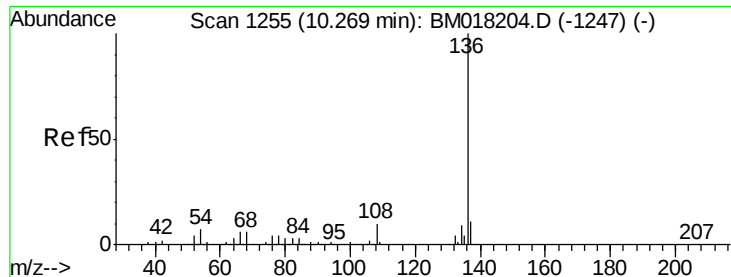
Tgt Ion:	70	Resp:	304808
Ion	Ratio	Lower	Upper
70	100		
42	42.6	36.2	54.2
101	9.2	7.5	11.3
130	21.4	16.4	24.6



#20
3+4-Methylphenols
Concen: 39.113 ng
RT: 8.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion:	107	Resp:	440232
Ion	Ratio	Lower	Upper
107	100		
108	87.5	67.4	107.4
77	38.3	15.7	55.7
79	32.6	13.3	53.3

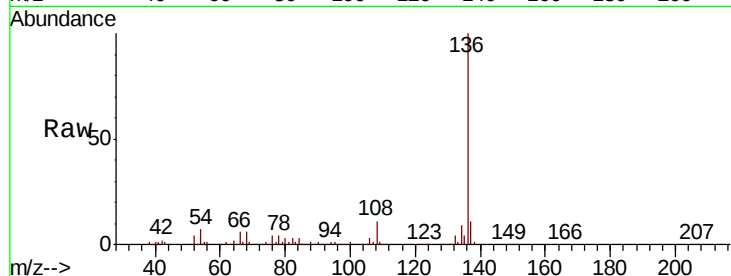




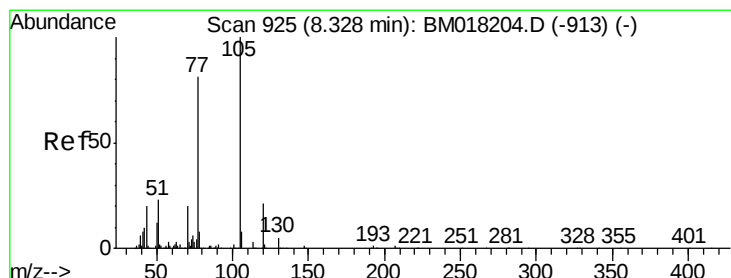
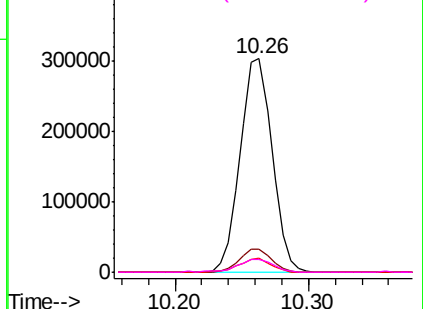
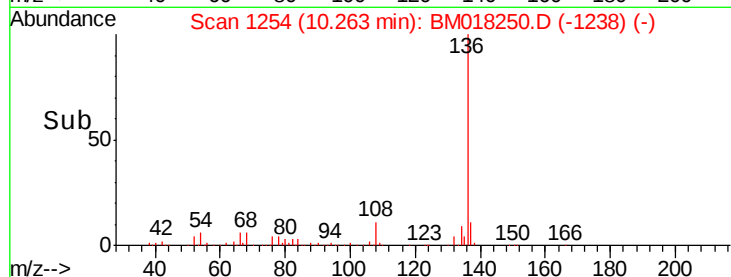
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:	136	Resp:	503166
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.6	5.2	7.8
68	5.9	5.0	7.6

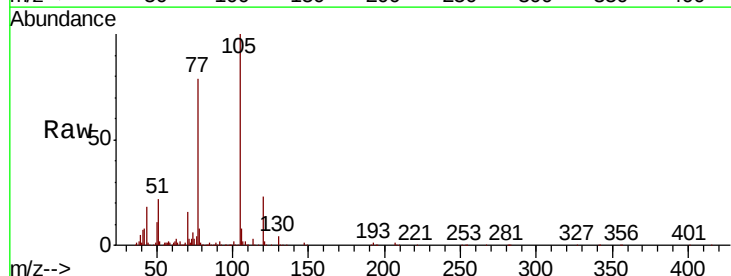


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

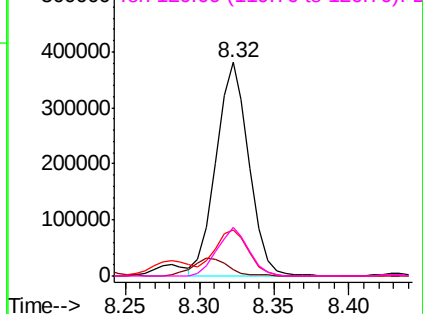
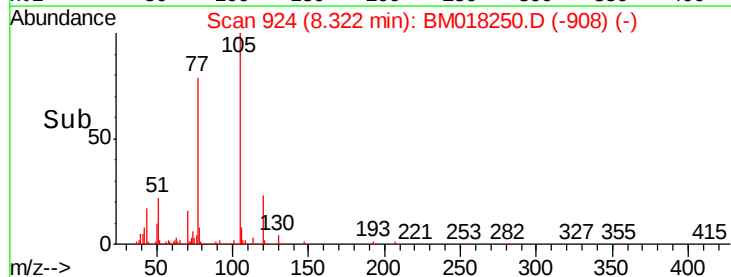


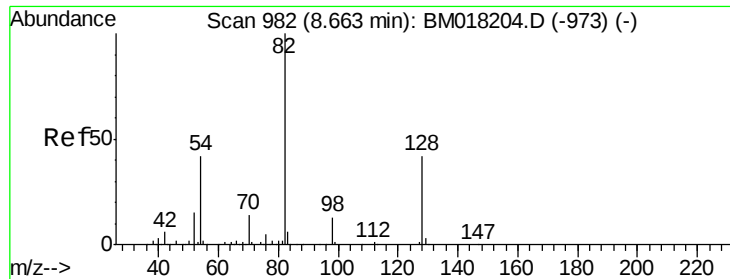
#22
Acetophenone
Concen: 43.709 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion:	105	Resp:	582007
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.6	4.0
51	21.7	18.3	27.5
120	23.0	17.0	25.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

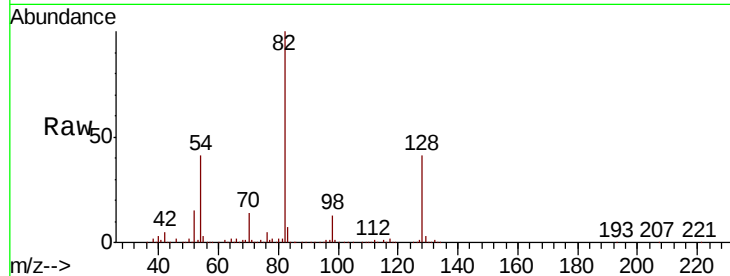




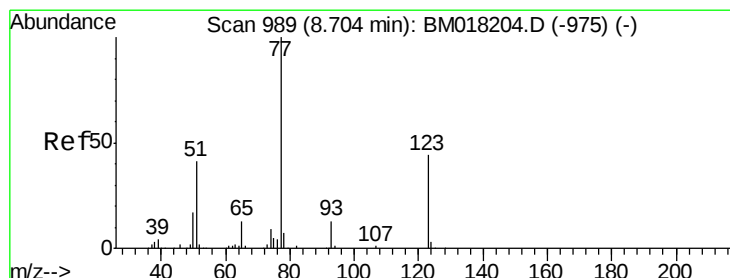
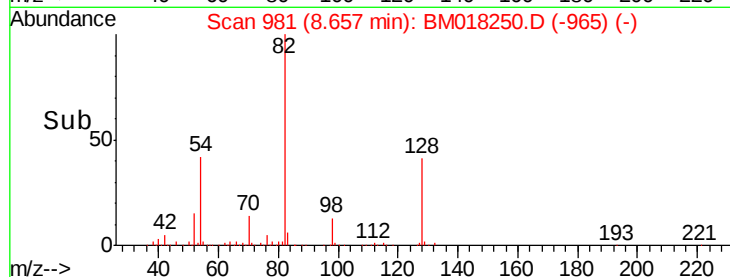
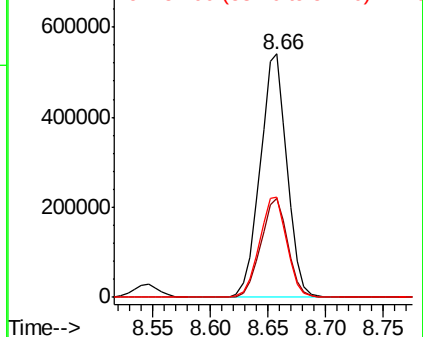
#23
Nitrobenzene-d5
Concen: 89.295 ng
RT: 8.66 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.2
54	41.2	33.4	50.2

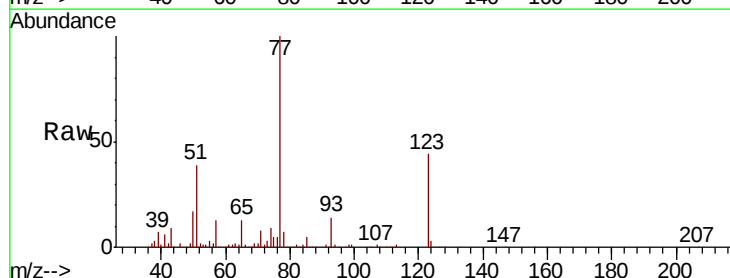


Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-973) (-)

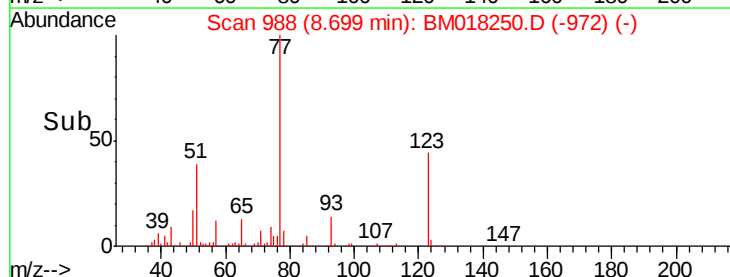
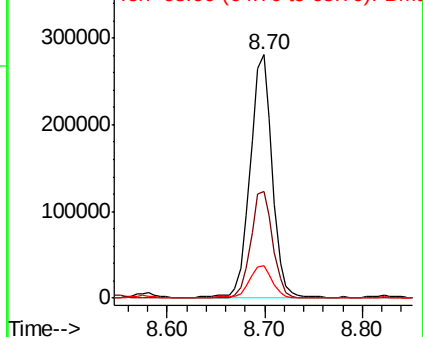


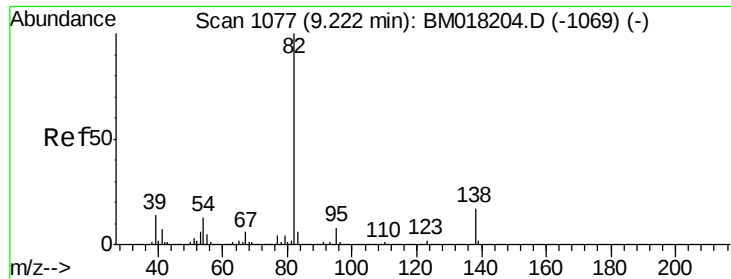
#24
Nitrobenzene
Concen: 45.378 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.4	53.2
65	13.5	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-975) (-)





#25

Isophorone

Concen: 46.732 ng

RT: 9.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

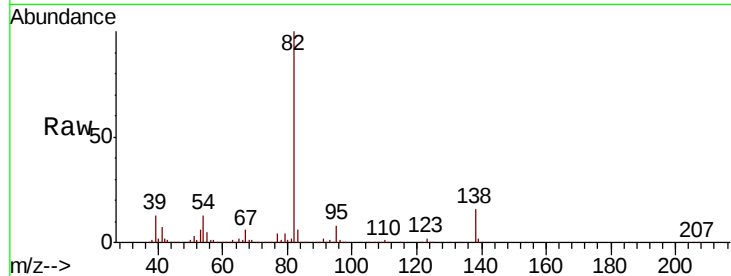
Tgt Ion: 82 Resp: 763204

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

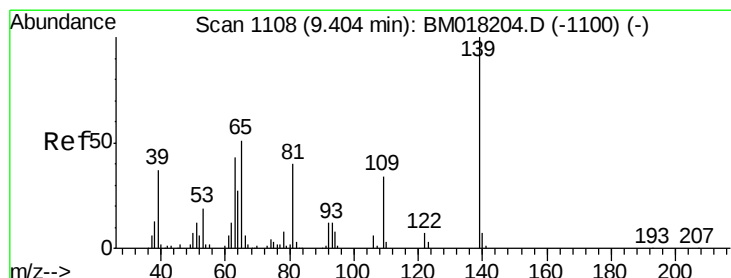
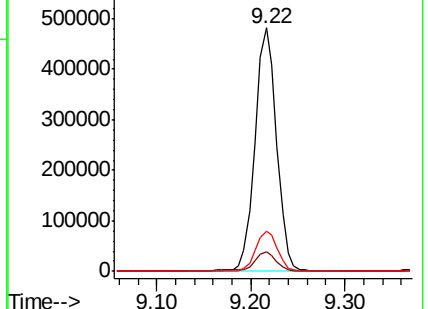
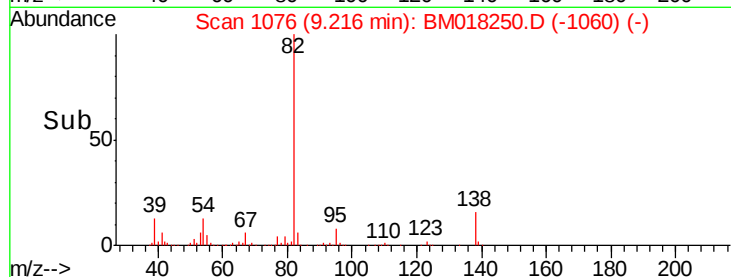
138 16.3 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BM018250.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM018250.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM018250.D (-1069) (-)



#26

2-Nitrophenol

Concen: 42.850 ng

RT: 9.40 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

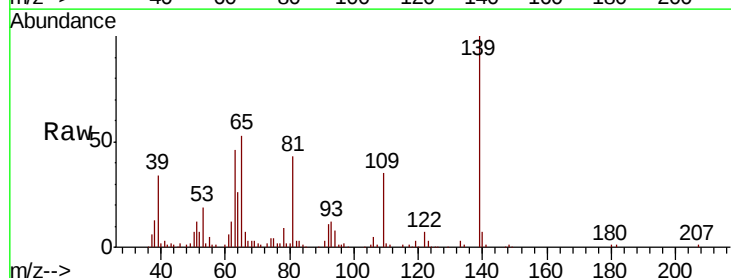
Tgt Ion: 139 Resp: 205999

Ion Ratio Lower Upper

139 100

109 35.2 27.4 41.0

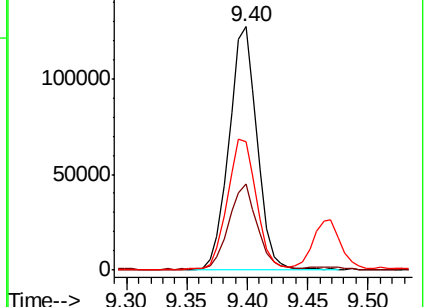
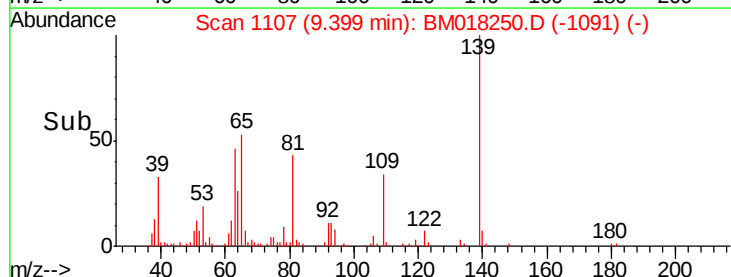
65 52.9 41.0 61.4

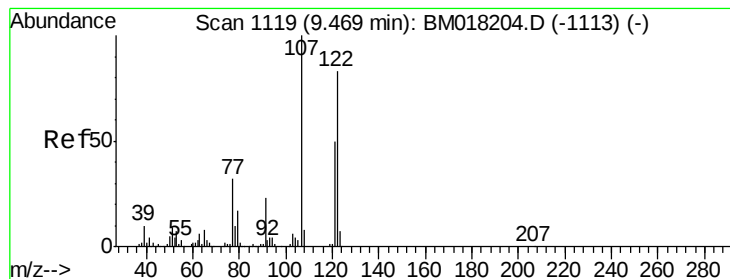


Abundance Ion 139.00 (138.70 to 139.70): BM018250.D (-1091) (-)

Ion 109.00 (108.70 to 109.70): BM018250.D (-1091) (-)

Ion 65.00 (64.70 to 65.70): BM018250.D (-1091) (-)





#27

2,4-Dimethylphenol

Concen: 49.768 ng

RT: 9.47 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

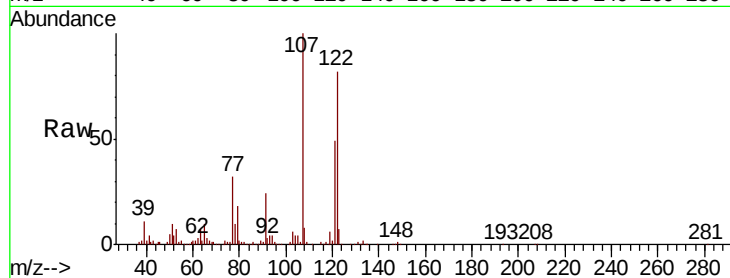
Tgt Ion:122 Resp: 344818

Ion Ratio Lower Upper

122 100

107 121.3 96.5 144.7

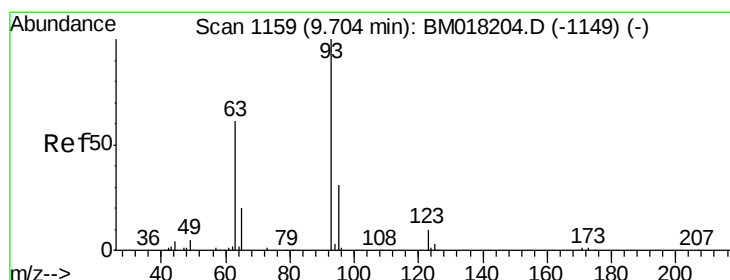
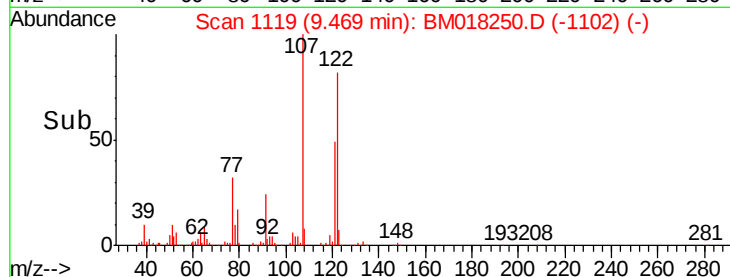
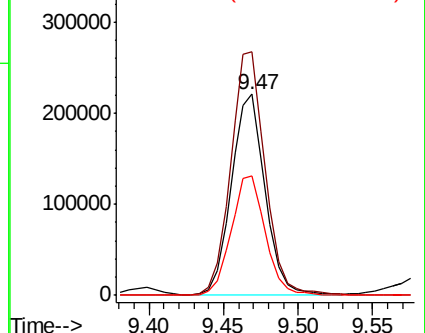
121 59.7 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.423 ng

RT: 9.70 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

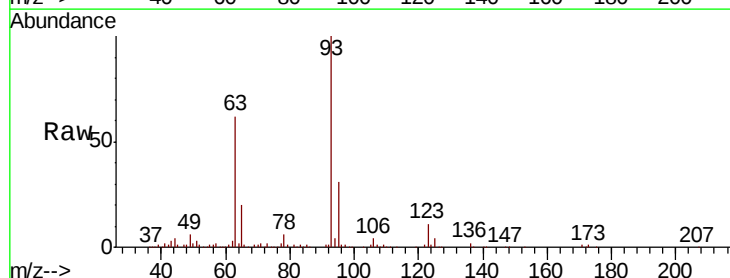
Tgt Ion: 93 Resp: 472909

Ion Ratio Lower Upper

93 100

95 31.3 25.3 37.9

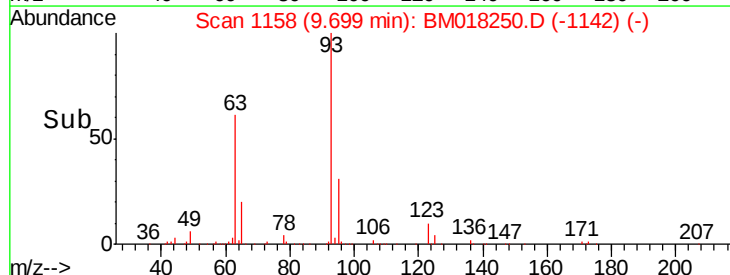
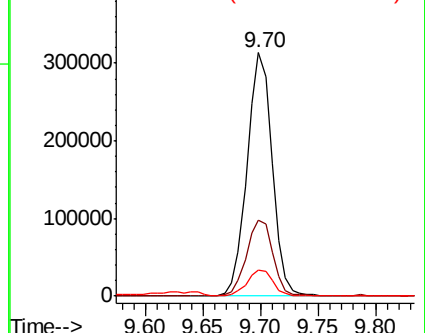
123 10.7 9.3 13.9

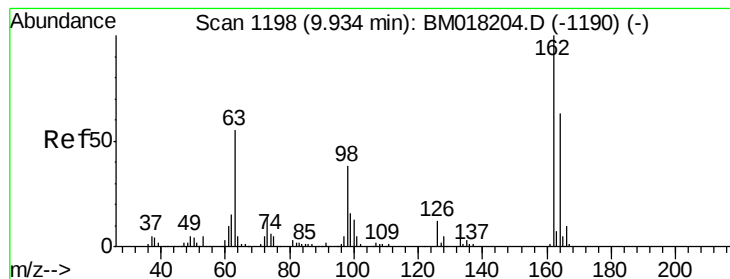


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.644 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

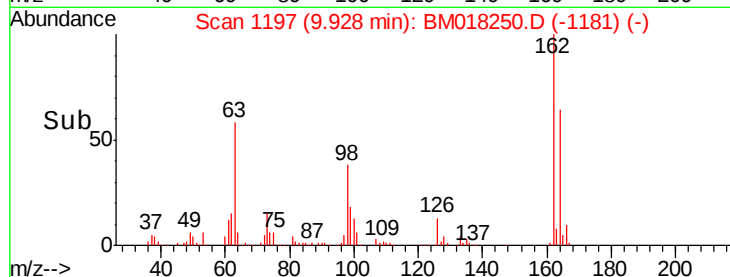
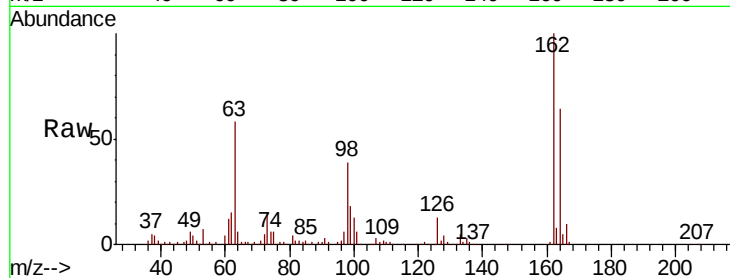
Tgt Ion:162 Resp: 335274

Ion Ratio Lower Upper

162 100

164 64.5 43.0 83.0

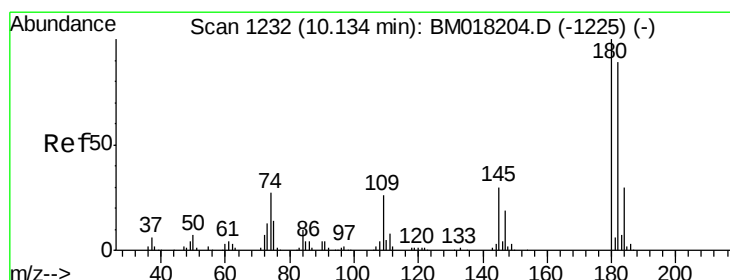
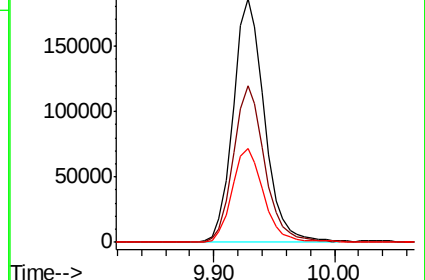
98 38.6 18.3 58.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 43.318 ng

RT: 10.13 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

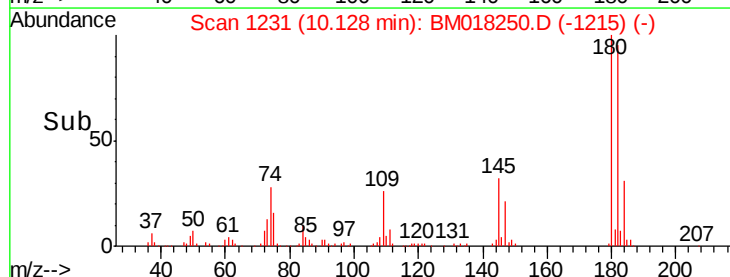
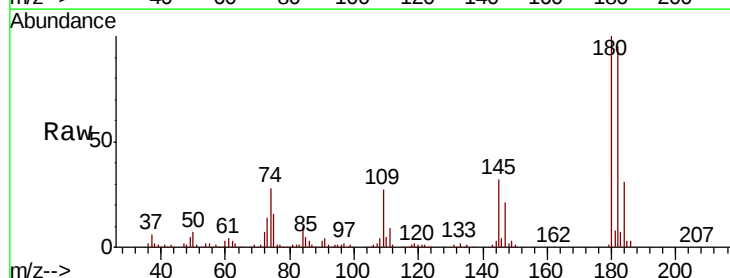
Tgt Ion:180 Resp: 378517

Ion Ratio Lower Upper

180 100

182 95.0 71.4 107.2

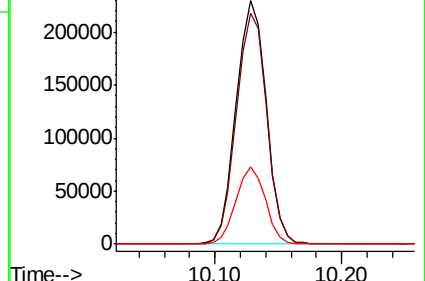
145 31.6 24.4 36.6

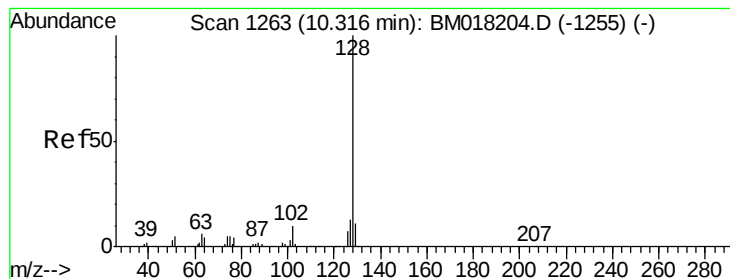


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 58.933 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

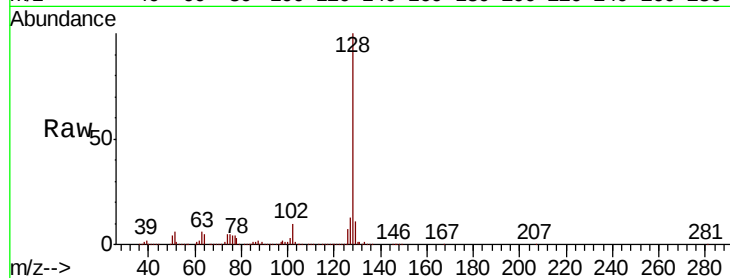
Tgt Ion:128 Resp: 1449965

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

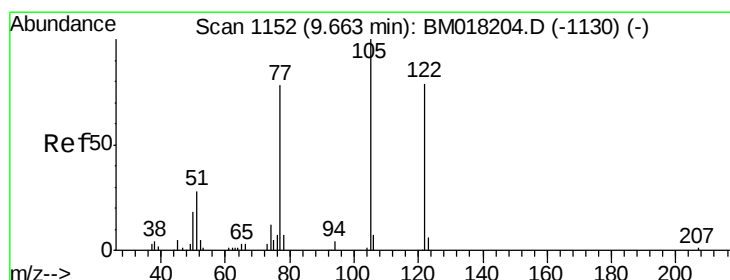
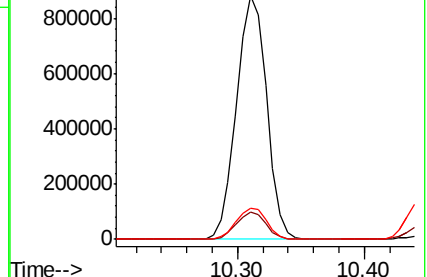
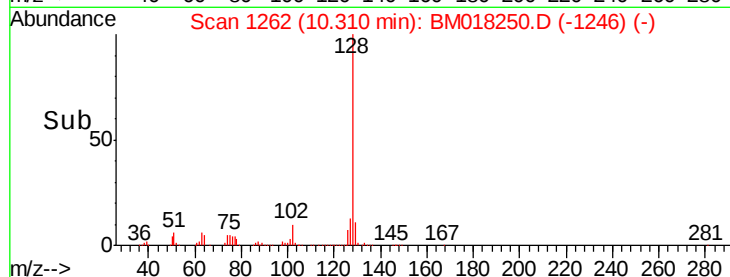
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

1200000 Ion 129.00 (128.70 to 129.70): E

1000000 Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.876 ng

RT: 9.65 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

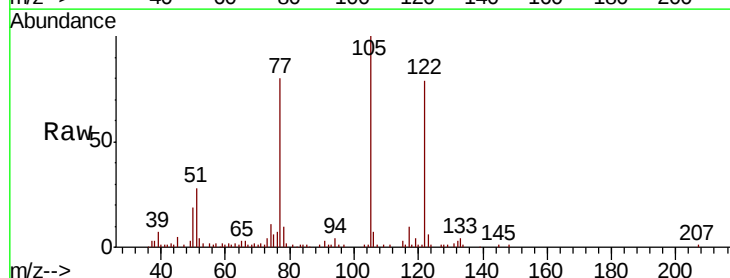
Tgt Ion:122 Resp: 202568

Ion Ratio Lower Upper

122 100

105 126.7 104.8 144.8

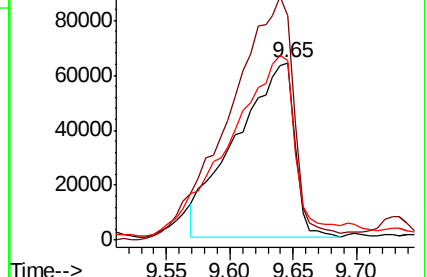
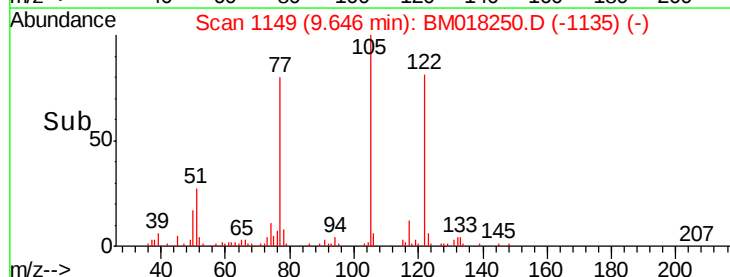
77 101.6 77.7 117.7

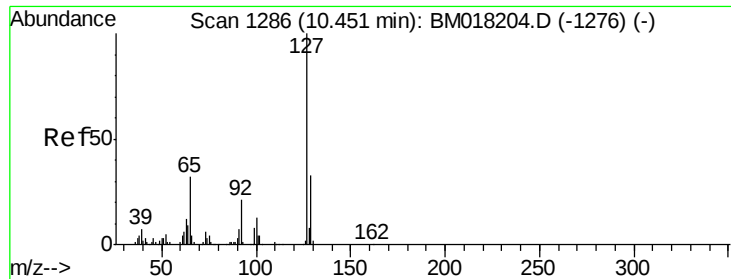


Abundance Ion 122.00 (121.70 to 122.70): E

120000 Ion 105.00 (104.70 to 105.70): E

100000 Ion 77.00 (76.70 to 77.70): BM

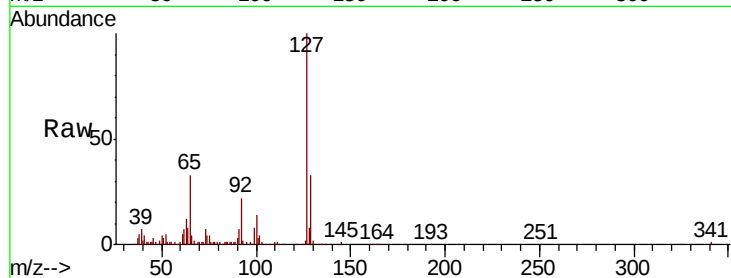




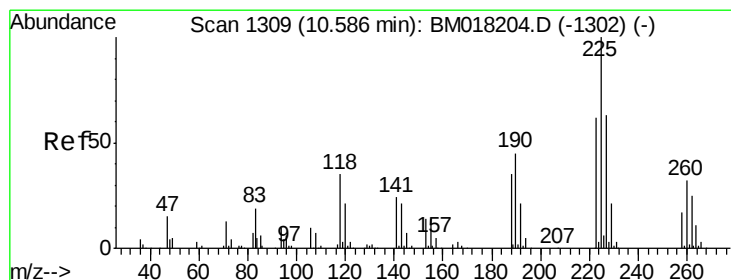
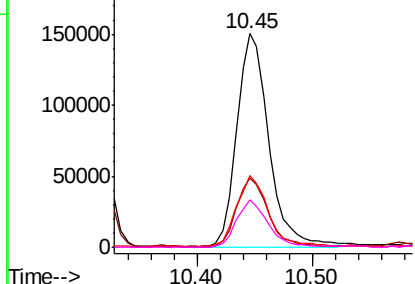
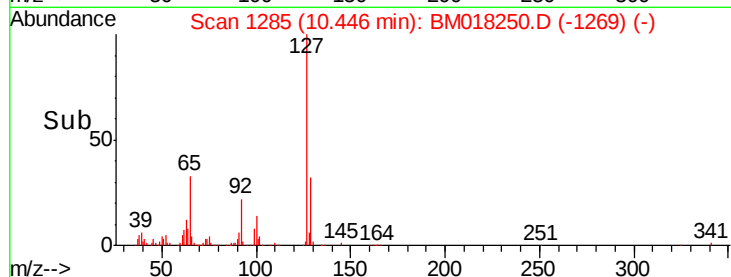
#33
4-Chloroaniline
Concen: 26.736 ng
RT: 10.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:	127	Resp:	288138
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	33.4	25.6	38.4
92	22.0	17.0	25.6

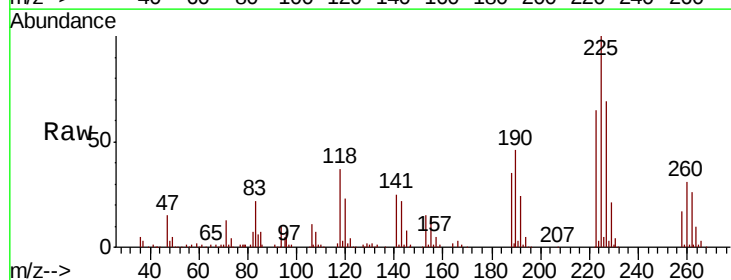


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

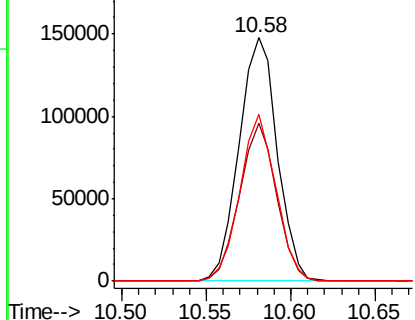
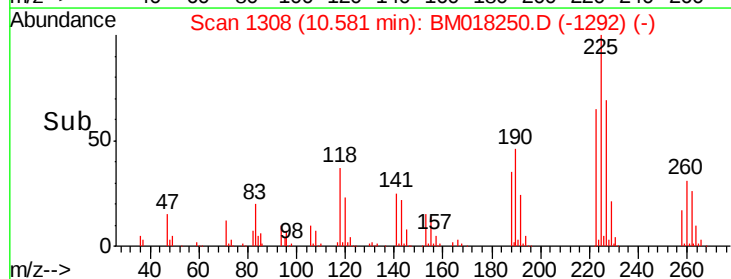


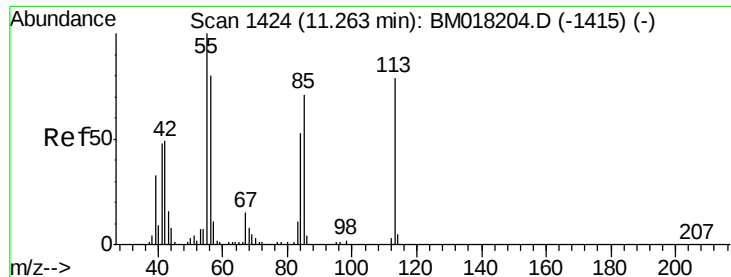
#34
Hexachlorobutadiene
Concen: 42.159 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion:	225	Resp:	232989
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.8	74.6
227	68.8	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.692 ng

RT: 11.25 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

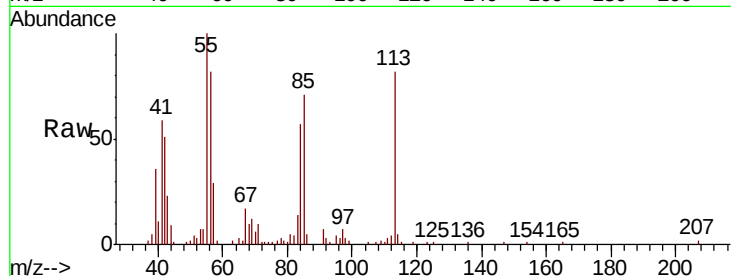
Tgt Ion:113 Resp: 101549

Ion Ratio Lower Upper

113 100

55 121.8 105.9 145.9

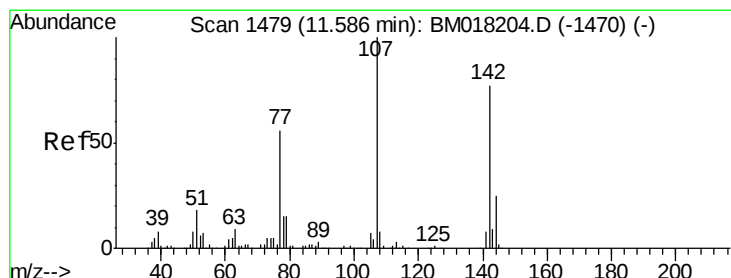
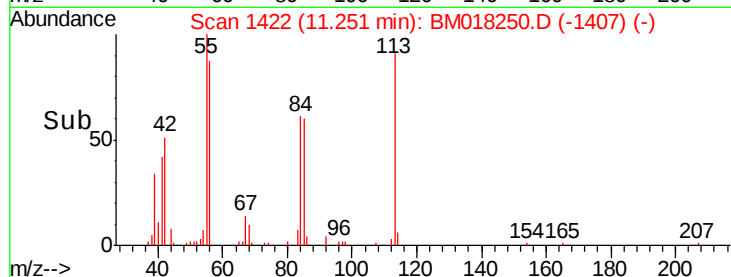
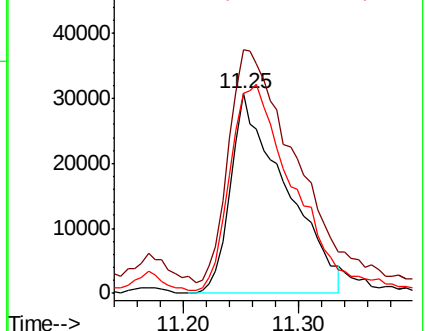
56 100.3 80.1 120.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 39.347 ng

RT: 11.59 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

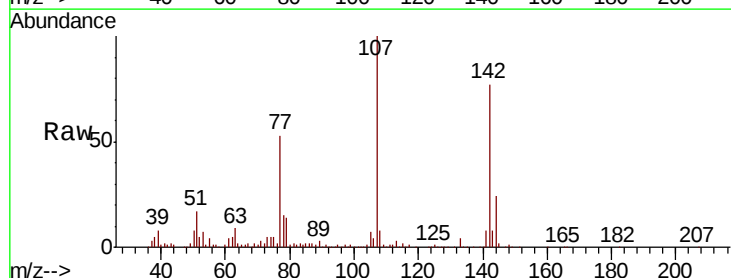
Tgt Ion:107 Resp: 363193

Ion Ratio Lower Upper

107 100

144 24.2 20.1 30.1

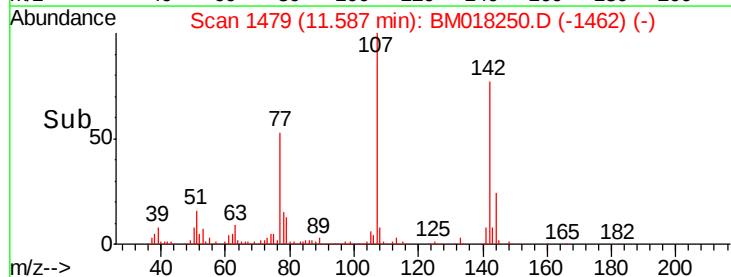
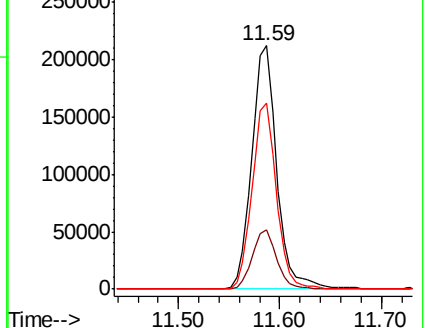
142 76.6 61.7 92.5

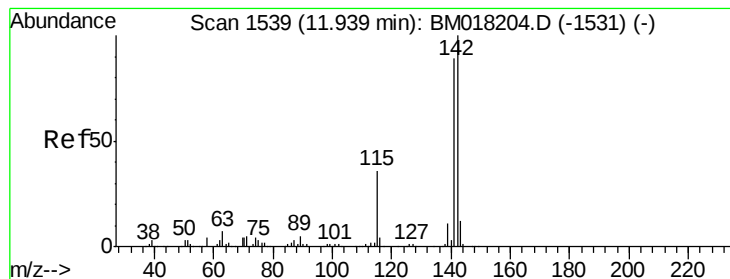


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.730 ng

RT: 11.93 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

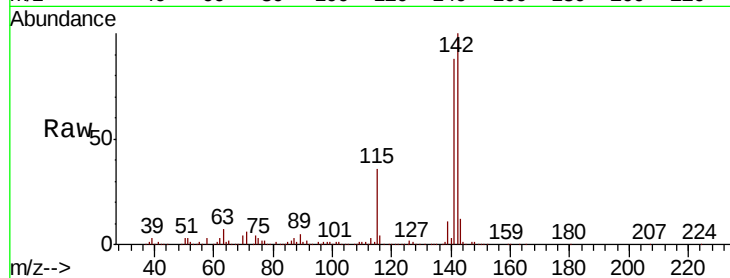
Tgt Ion:142 Resp: 897554

Ion Ratio Lower Upper

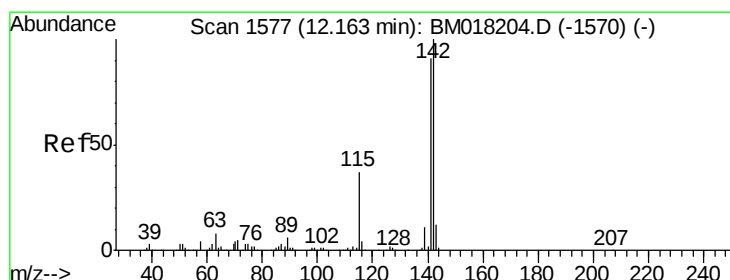
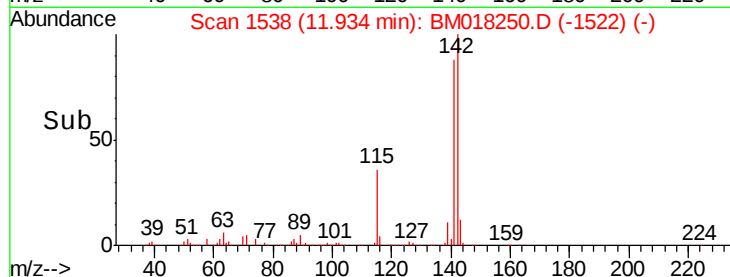
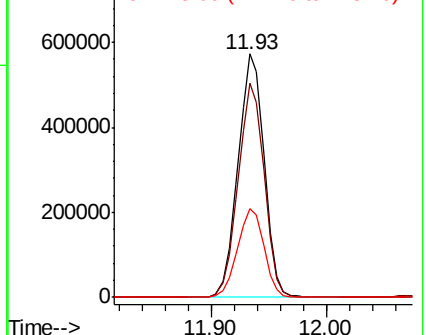
142 100

141 87.8 71.4 107.2

115 36.3 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.288 ng

RT: 12.16 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

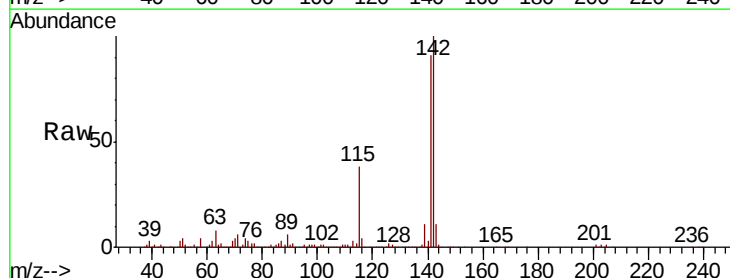
Tgt Ion:142 Resp: 800632

Ion Ratio Lower Upper

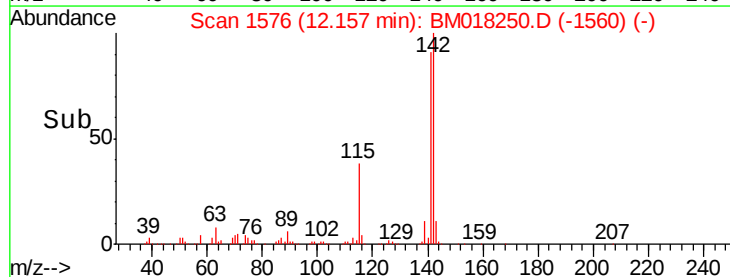
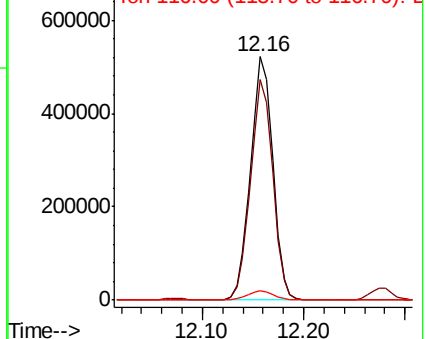
142 100

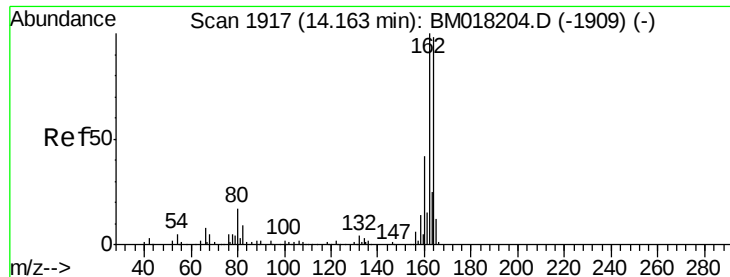
141 90.7 73.0 109.4

116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

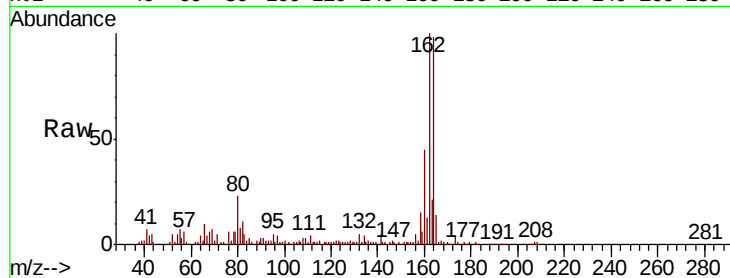
Tgt Ion:164 Resp: 244834

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

160 45.7 34.6 51.8

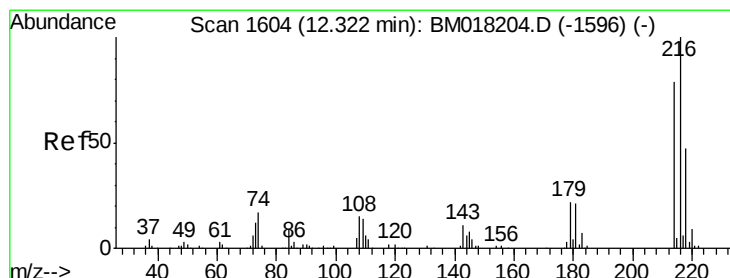
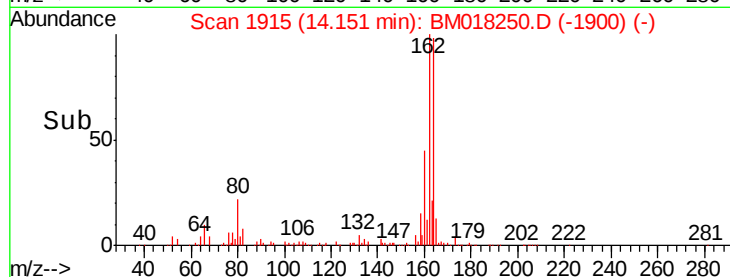
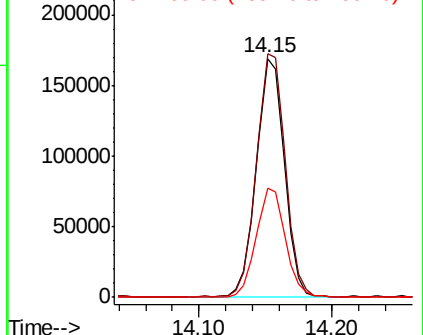


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.638 ng

RT: 12.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Tgt Ion:216 Resp: 384238

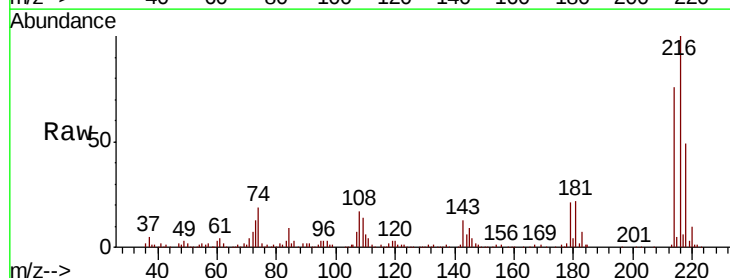
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 21.7 17.2 25.8

108 21.7 14.6 21.8



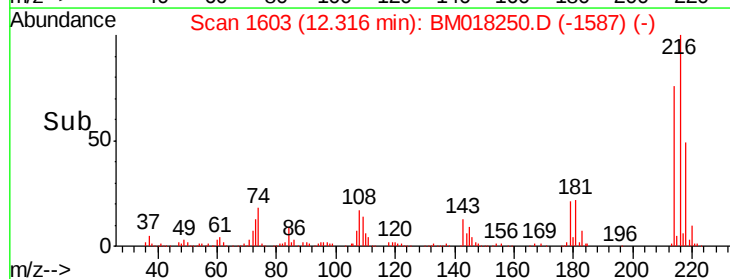
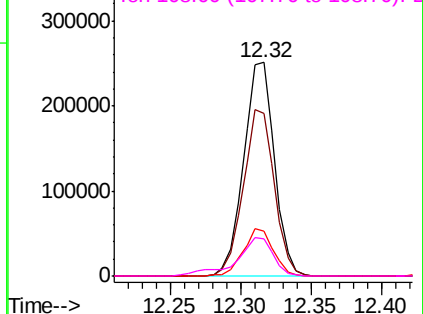
Abundance

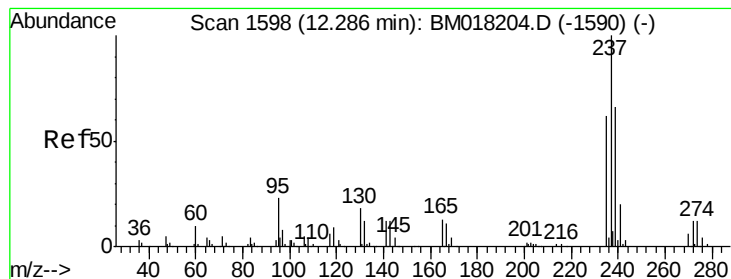
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.373 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

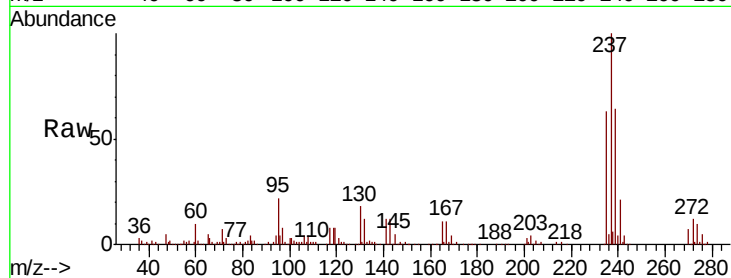
Tgt Ion: 237 Resp: 321092

Ion Ratio Lower Upper

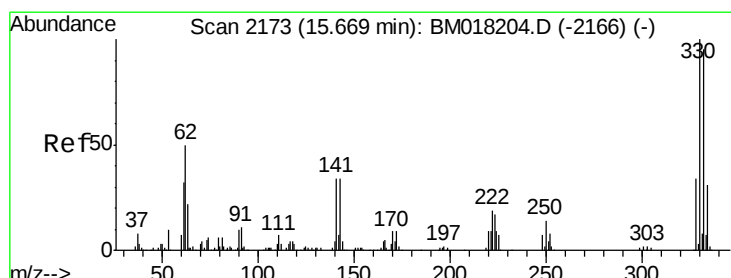
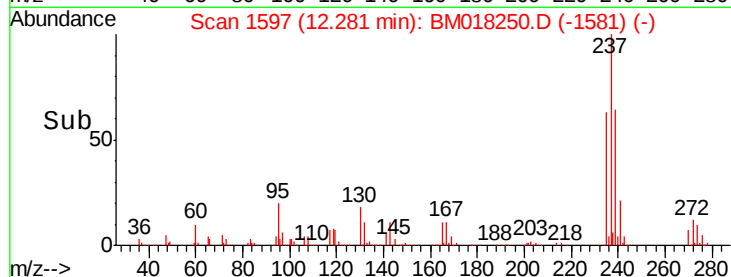
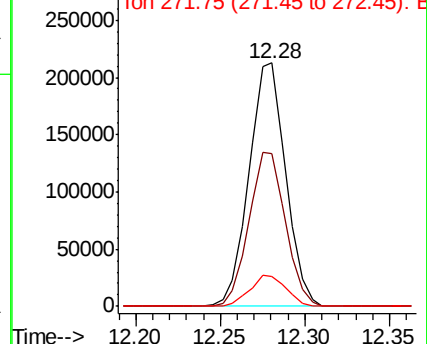
237 100

235 62.8 42.1 82.1

272 12.2 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 110.958 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

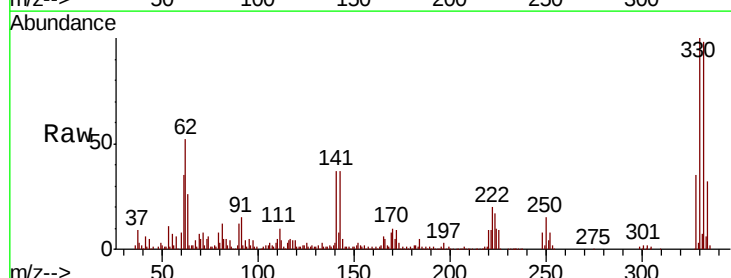
Tgt Ion: 330 Resp: 398726

Ion Ratio Lower Upper

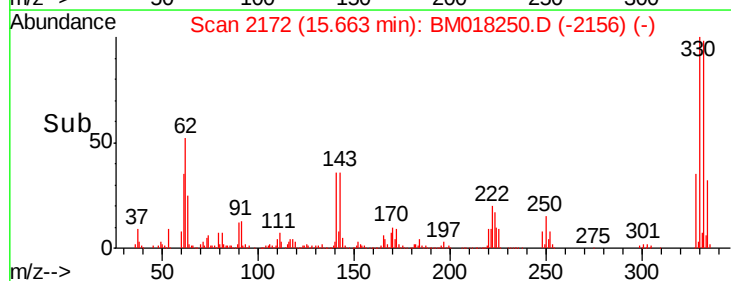
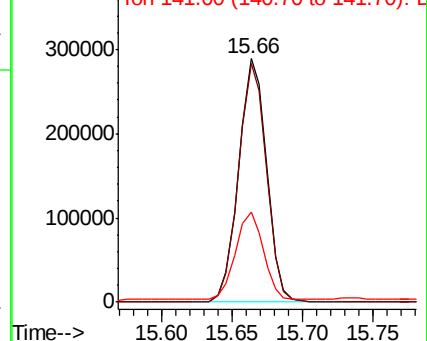
330 100

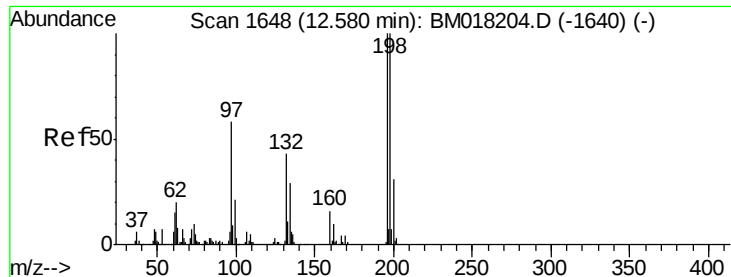
332 98.0 78.6 118.0

141 36.0 27.1 40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

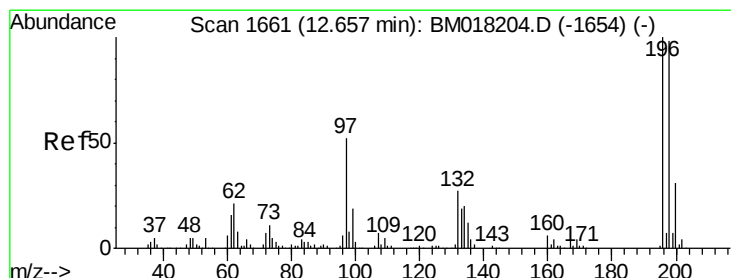
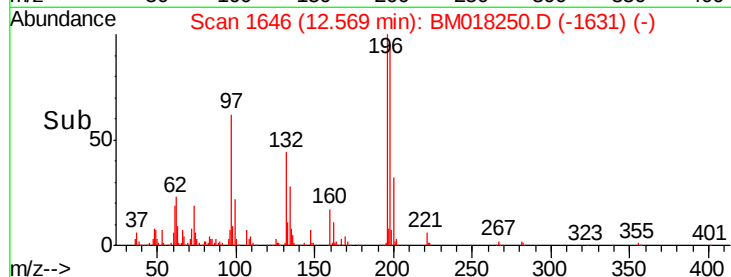
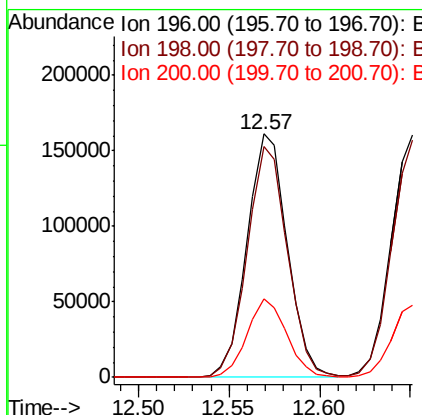
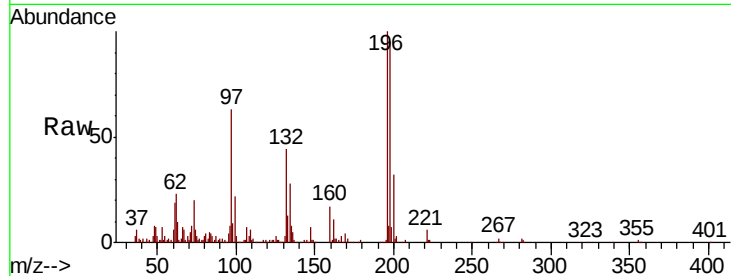




#43
 2,4,6-Trichlorophenol
 Concen: 46.201 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

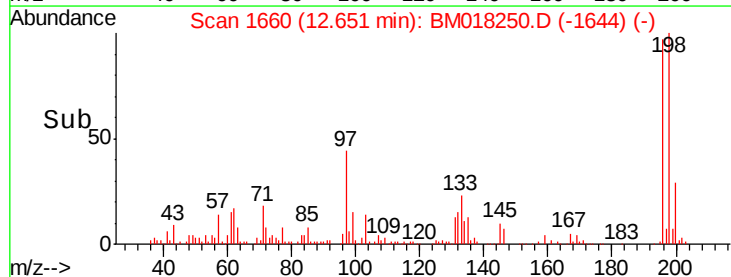
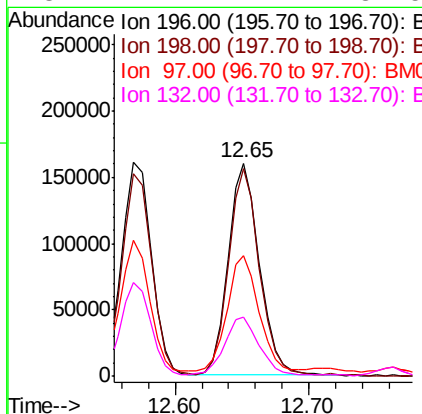
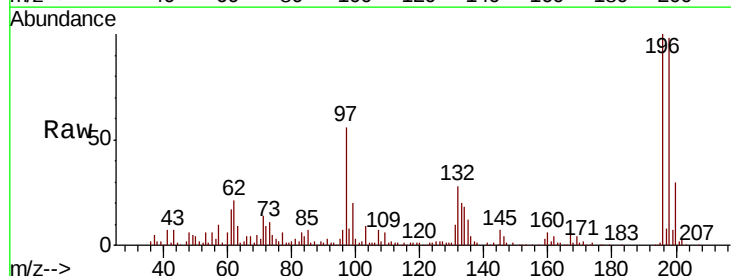
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

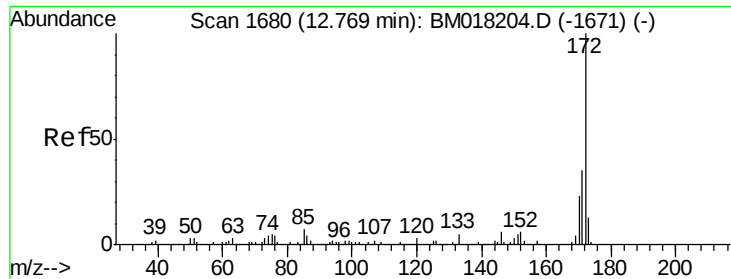
Tgt Ion:196 Resp: 250178
 Ion Ratio Lower Upper
 196 100
 198 94.9 80.1 120.1
 200 32.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.248 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion:196 Resp: 260119
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.5 117.7
 97 56.3 41.9 62.9
 132 27.7 21.7 32.5

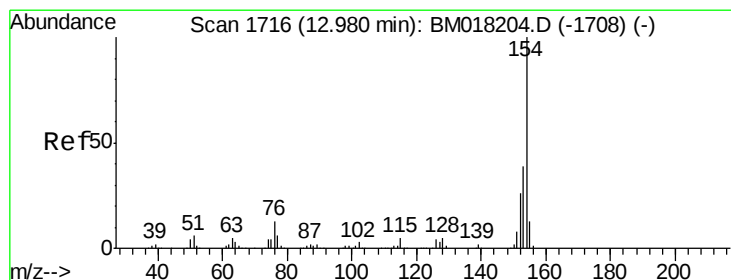
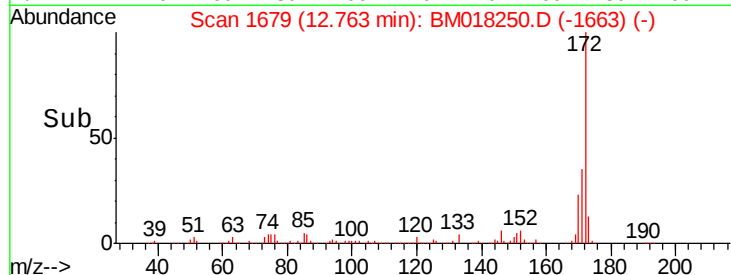
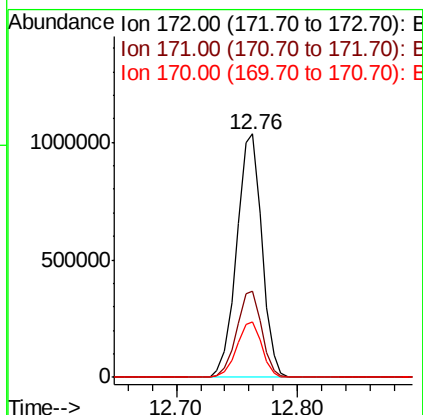
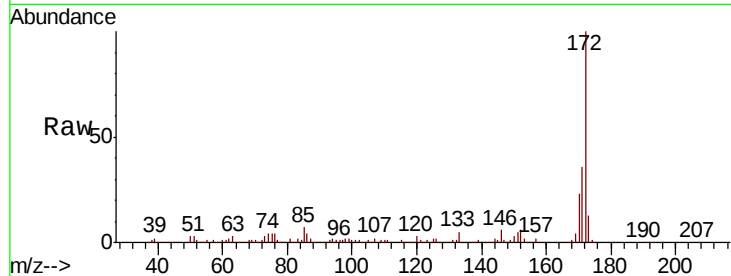




#45
 2-Fluorobiphenyl
 Concen: 79.659 ng
 RT: 12.76 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

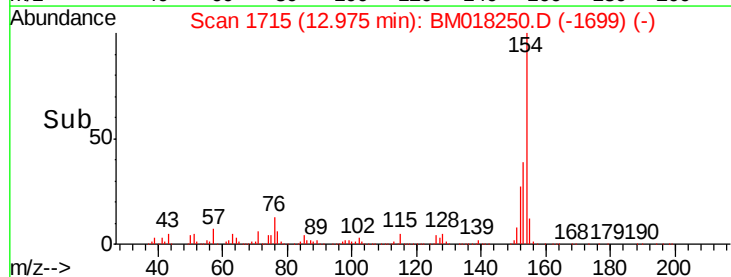
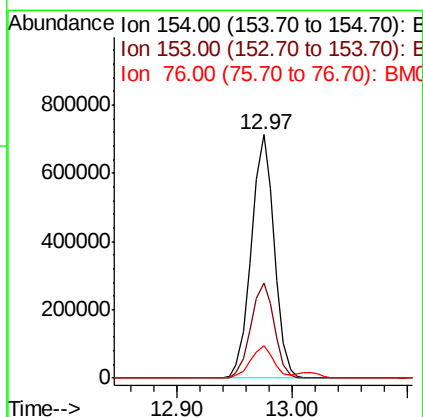
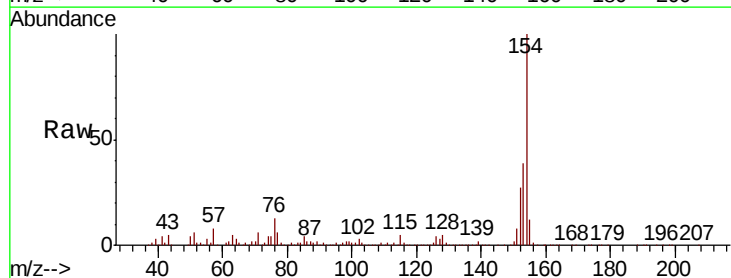
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

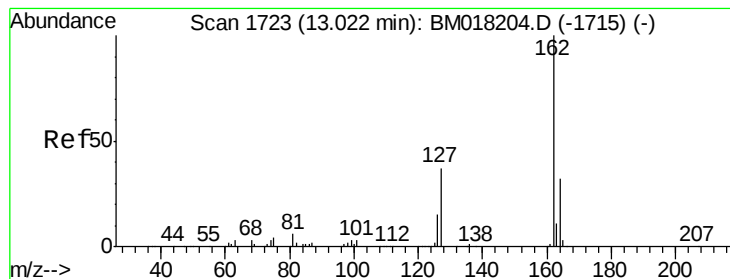
Tgt Ion:172 Resp: 1505765
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.3 42.5
 170 22.8 18.1 27.1



#46
 1,1'-Biphenyl
 Concen: 44.720 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion:154 Resp: 984998
 Ion Ratio Lower Upper
 154 100
 153 39.1 19.5 59.5
 76 13.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 44.644 ng

RT: 13.02 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

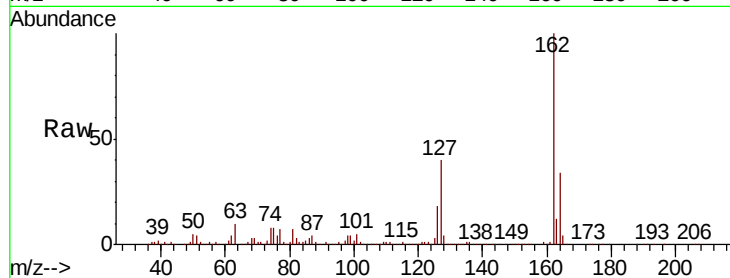
Tgt Ion: 162 Resp: 723761

Ion Ratio Lower Upper

162 100

127 39.8 31.8 47.8

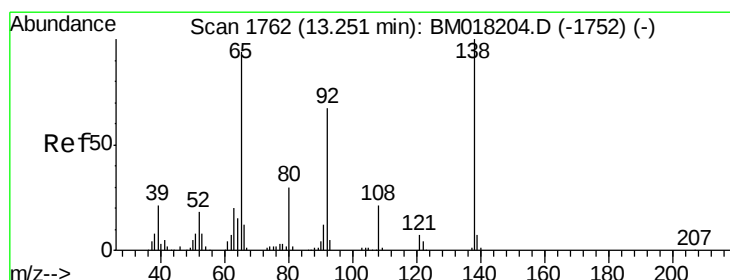
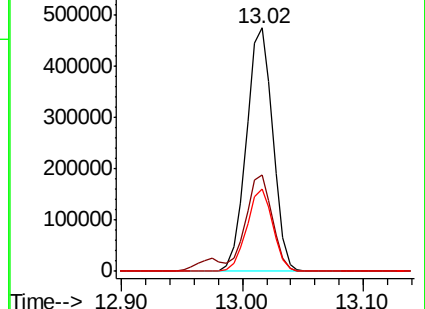
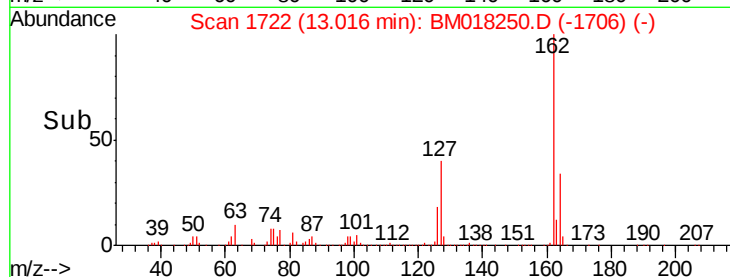
164 33.7 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.781 ng

RT: 13.25 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

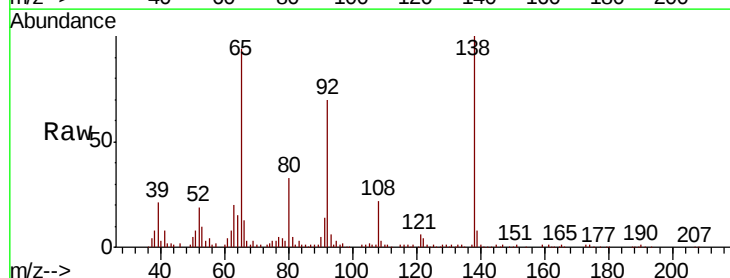
Tgt Ion: 65 Resp: 208653

Ion Ratio Lower Upper

65 100

92 73.9 56.8 85.2

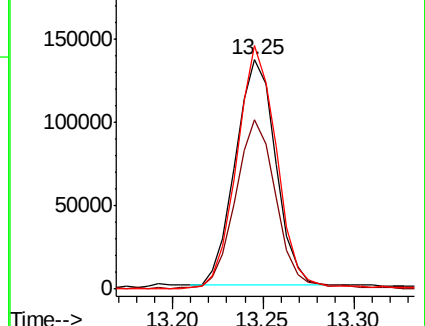
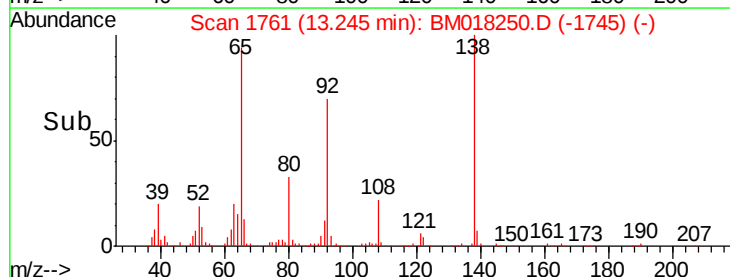
138 106.1 85.1 127.7

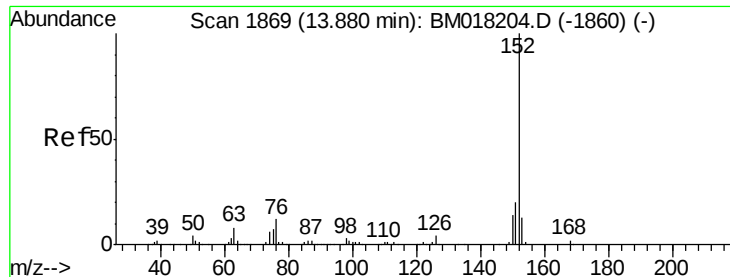


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.254 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

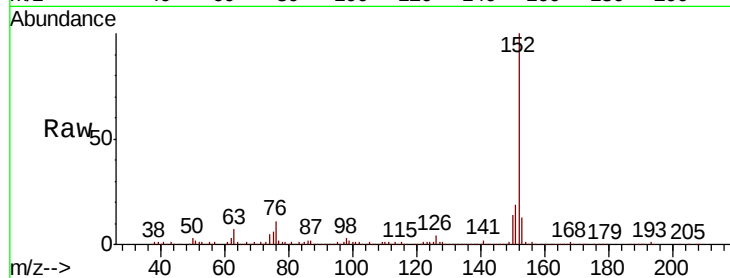
Tgt Ion:152 Resp: 1130013

Ion Ratio Lower Upper

152 100

151 19.1 16.0 24.0

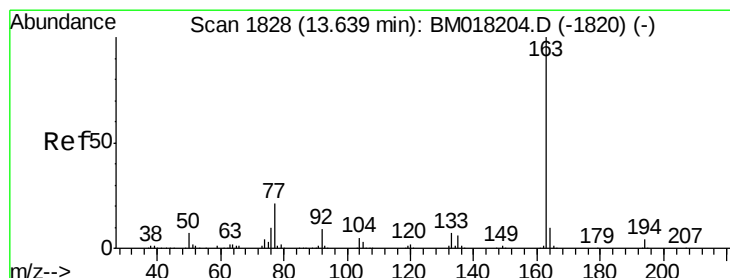
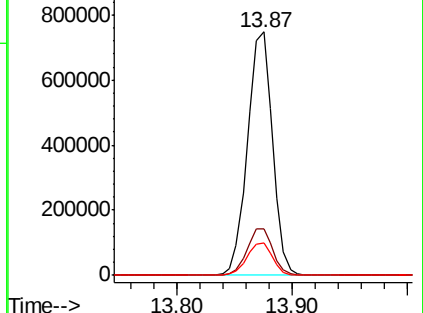
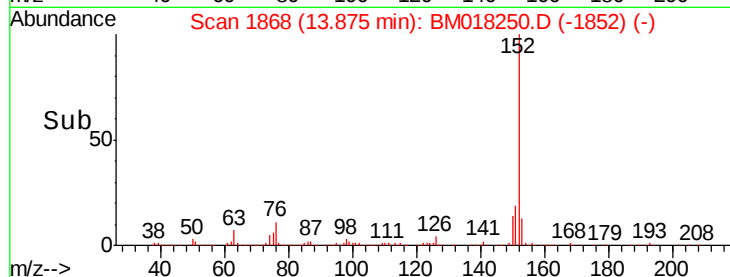
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.208 ng

RT: 13.63 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

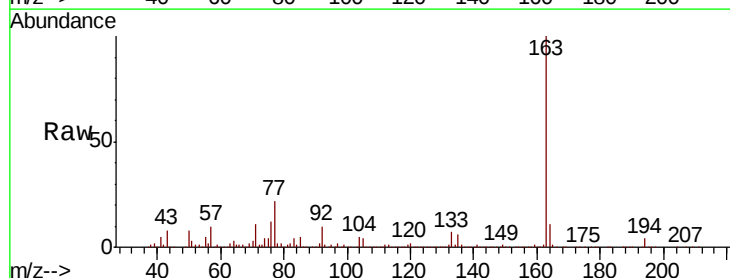
Tgt Ion:163 Resp: 960907

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

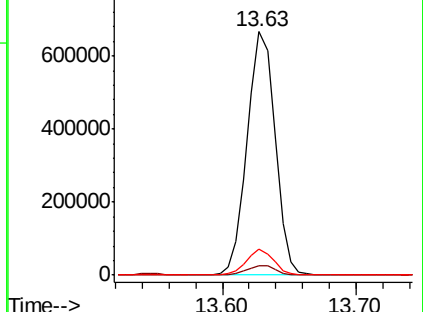
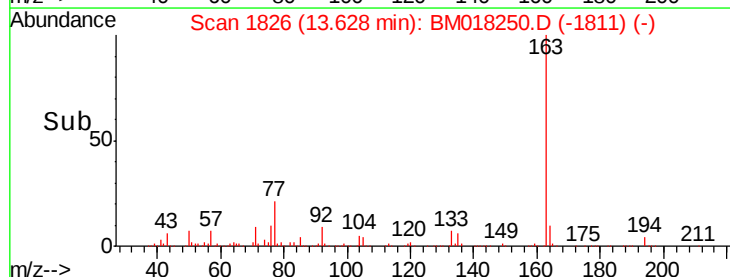
164 10.5 7.9 11.9

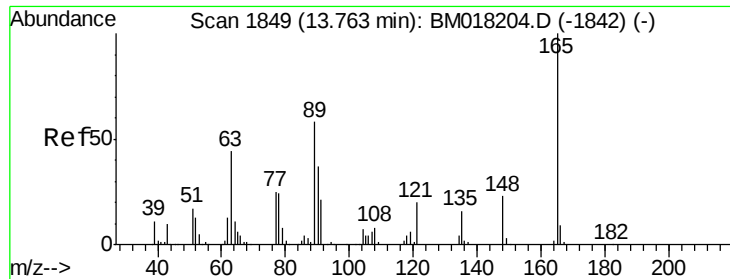


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.829 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

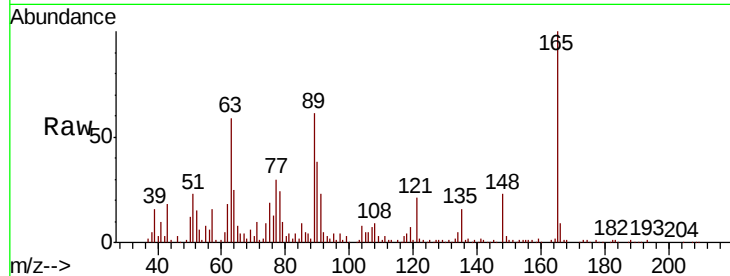
Tgt Ion:165 Resp: 191643

Ion Ratio Lower Upper

165 100

63 58.8 46.6 69.8

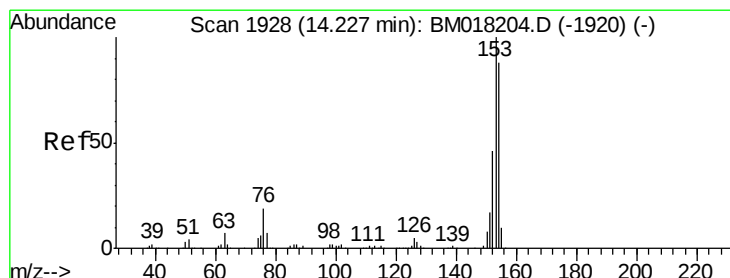
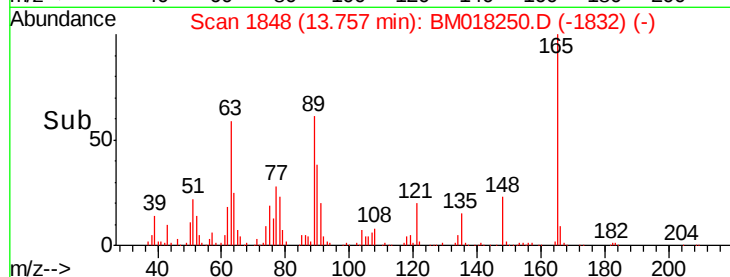
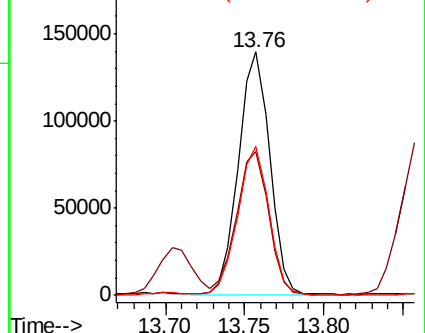
89 60.9 46.3 69.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 43.668 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

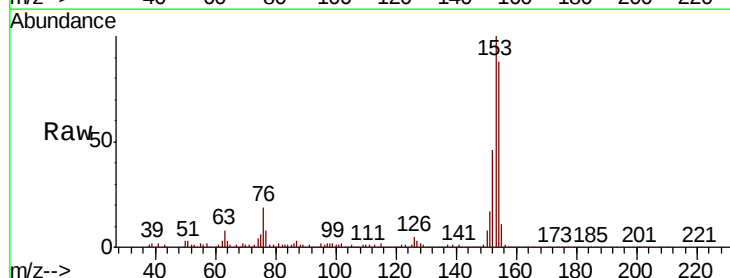
Tgt Ion:154 Resp: 651973

Ion Ratio Lower Upper

154 100

153 113.7 90.4 135.6

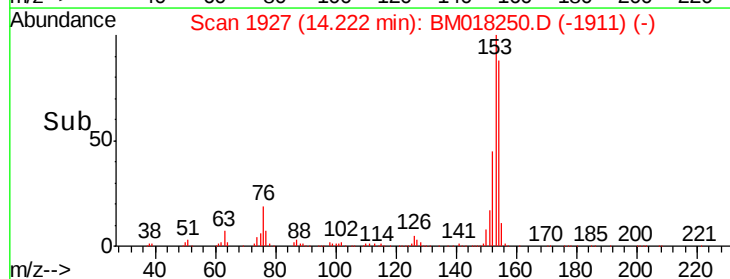
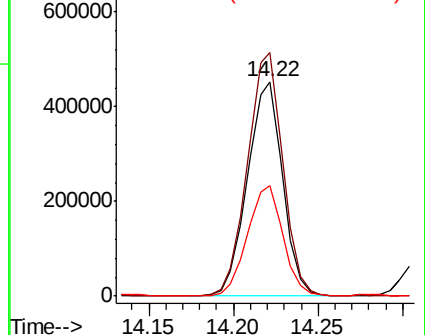
152 51.8 41.2 61.8

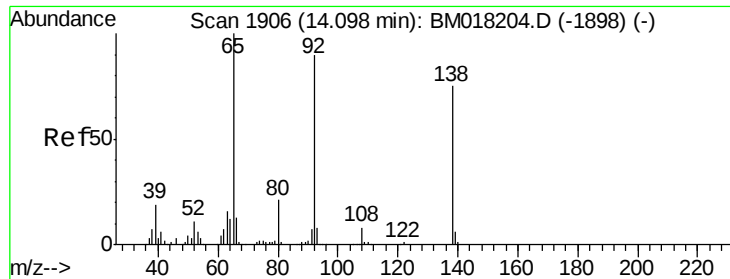


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 30.958 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

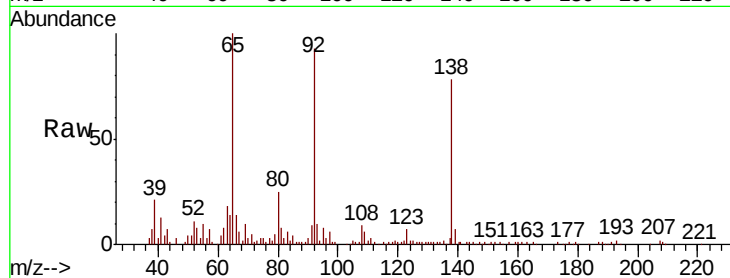
Tgt Ion:138 Resp: 145776

Ion Ratio Lower Upper

138 100

108 11.0 8.4 12.6

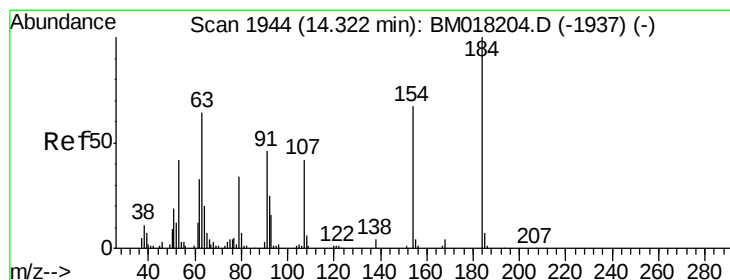
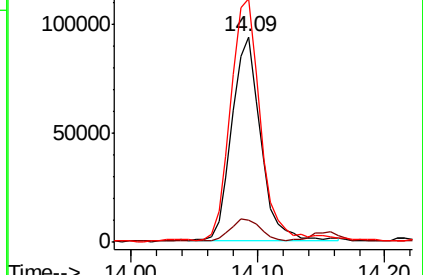
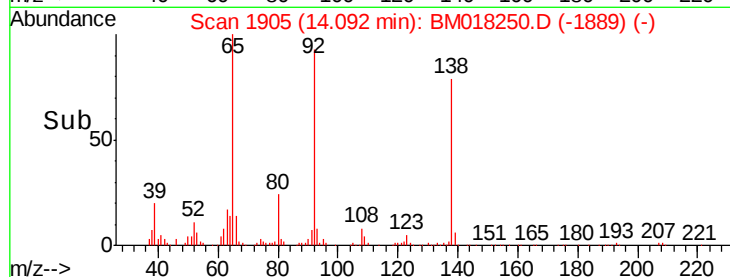
92 118.5 94.9 142.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 78.104 ng

RT: 14.31 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

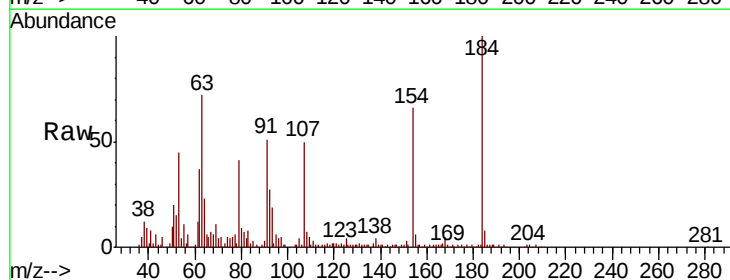
Tgt Ion:184 Resp: 192787

Ion Ratio Lower Upper

184 100

63 72.1 51.6 77.4

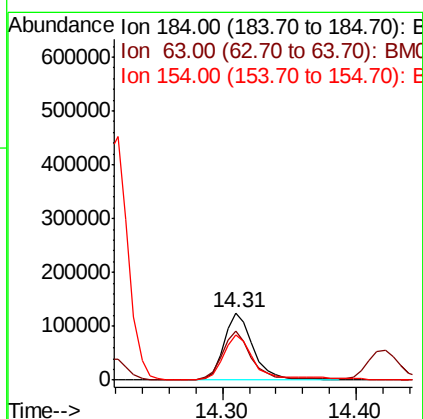
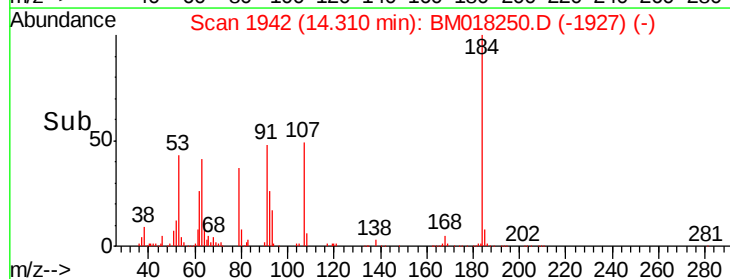
154 66.4 54.0 81.0

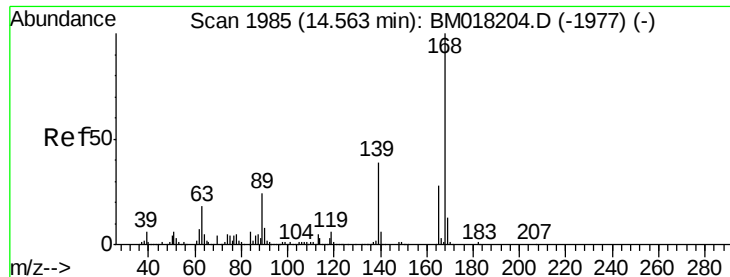


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.545 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

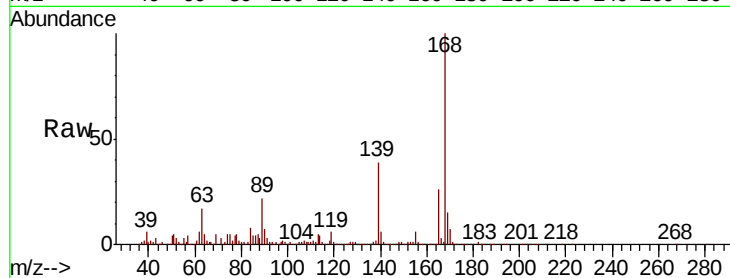
Tgt Ion:168 Resp: 1044666

Ion Ratio Lower Upper

168 100

139 39.2 31.2 46.8

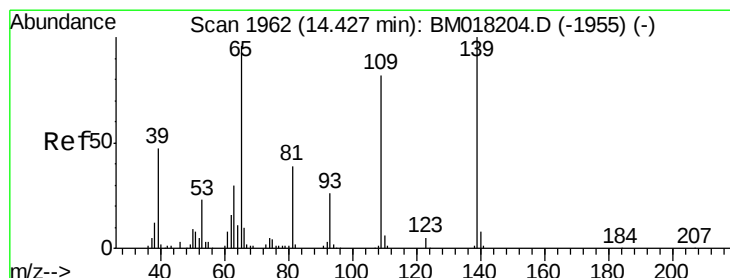
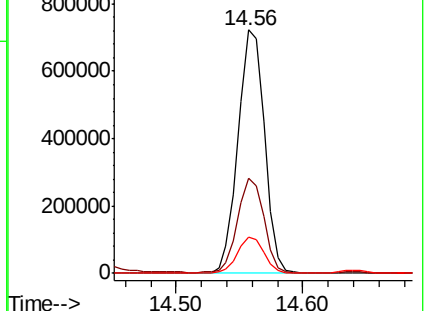
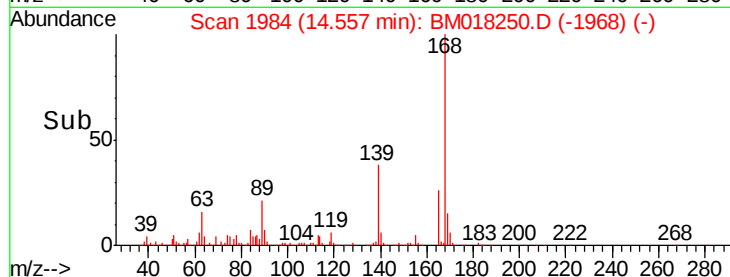
169 14.7 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.261 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

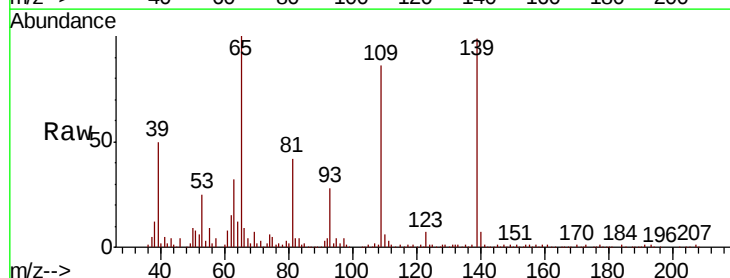
Tgt Ion:139 Resp: 290118

Ion Ratio Lower Upper

139 100

109 87.1 62.3 102.3

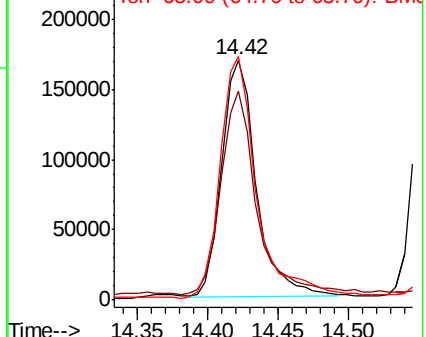
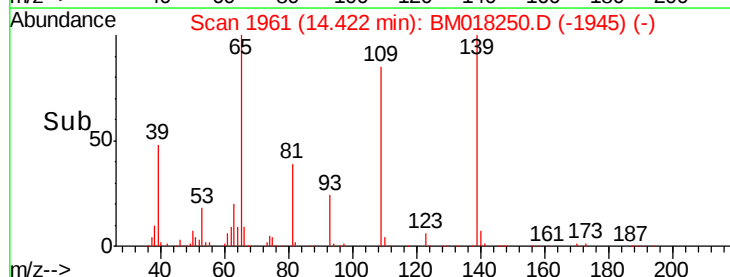
65 101.4 76.4 116.4

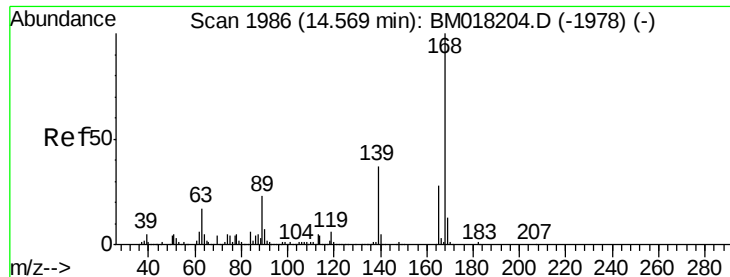


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

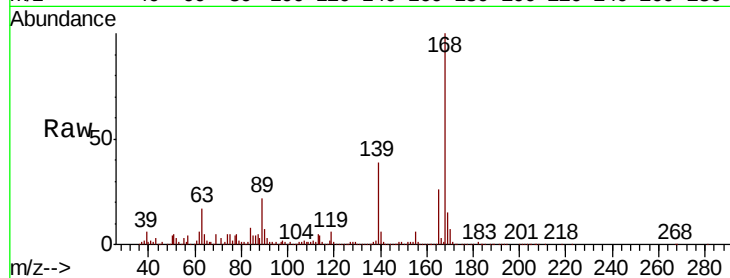




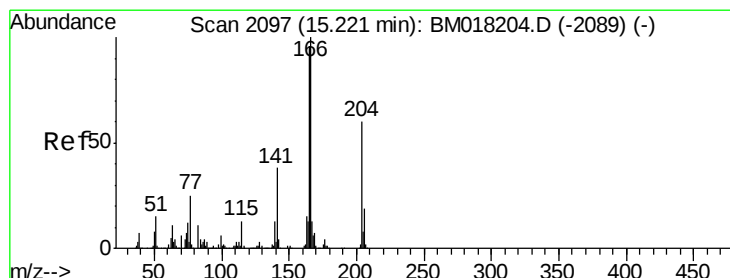
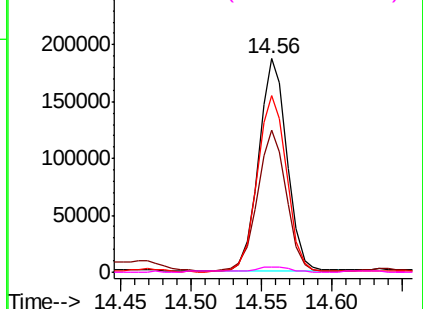
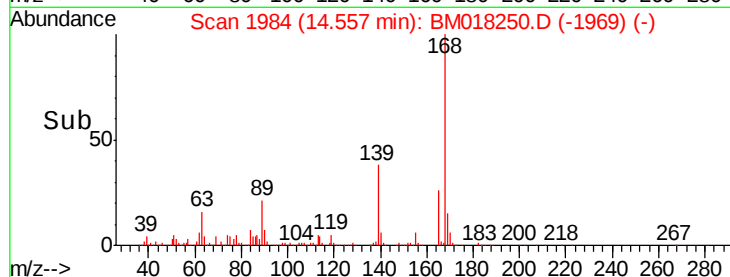
#57
2,4-Dinitrotoluene
Concen: 42.982 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:165 Resp: 265843
Ion Ratio Lower Upper
165 100
63 66.8 47.2 70.8
89 82.9 65.8 98.8
182 2.5 2.2 3.4

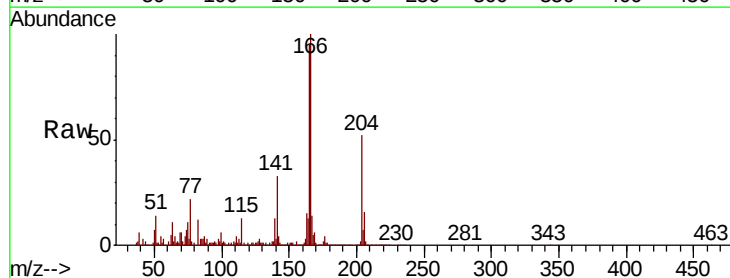


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

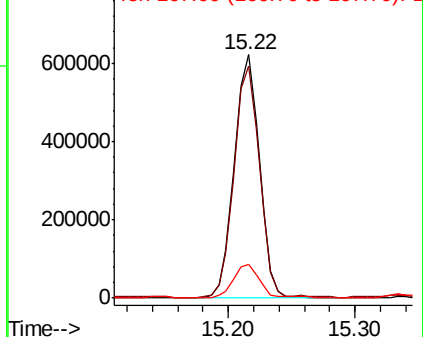
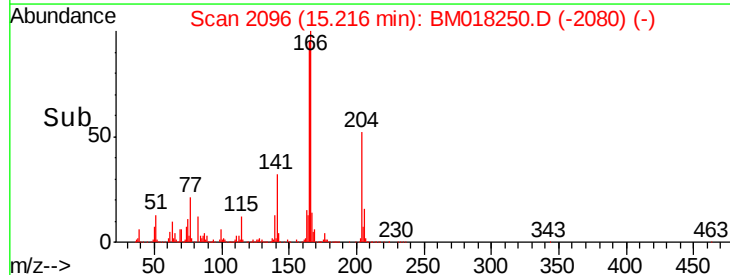


#58
Fluorene
Concen: 45.890 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion:166 Resp: 850296
Ion Ratio Lower Upper
166 100
165 95.3 76.9 115.3
167 13.8 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

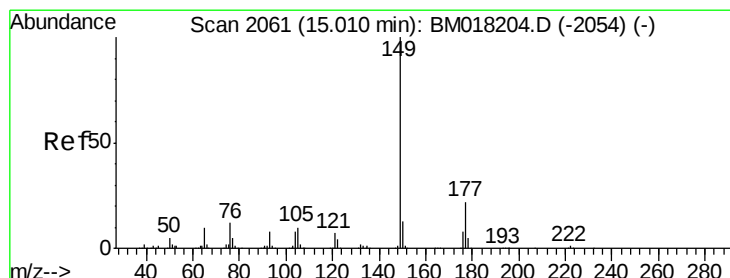
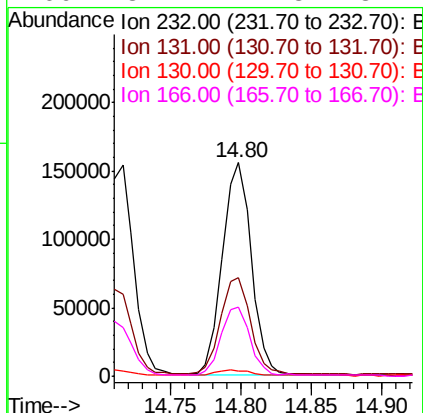
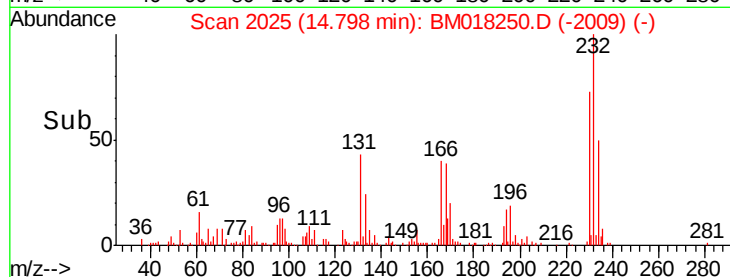
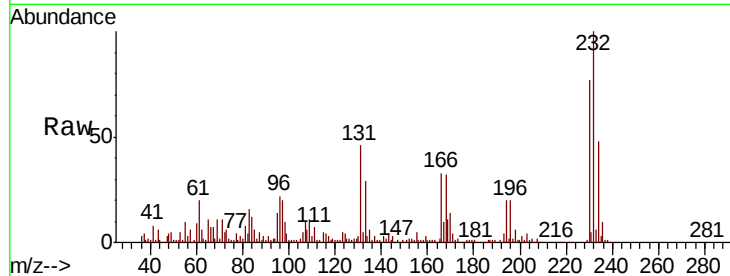




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.313 ng
RT: 14.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

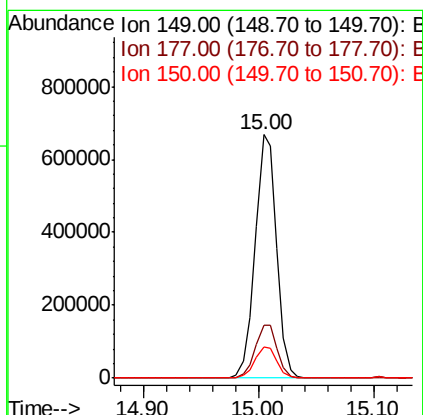
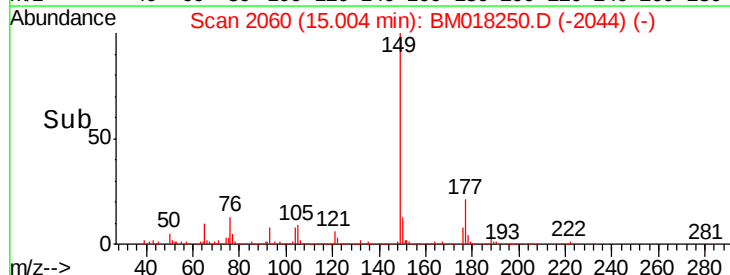
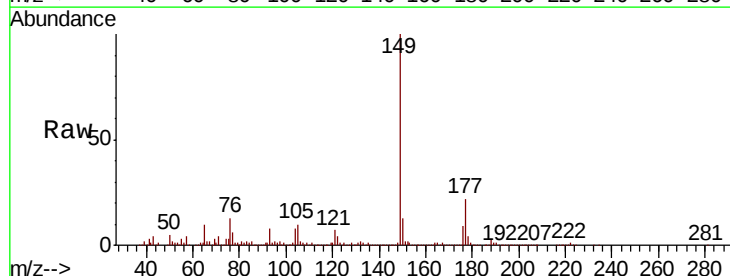
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

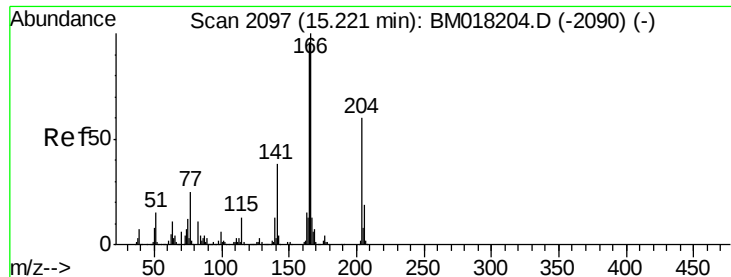
Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.2	54.2
130	3.2	1.8	2.6
166	32.2	24.8	37.2



#60
Diethylphthalate
Concen: 39.008 ng
RT: 15.00 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.8
150	12.7	10.3	15.5

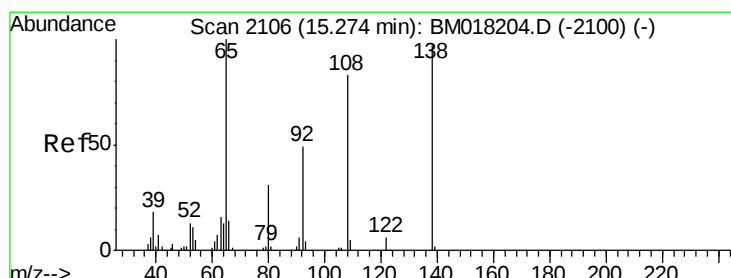
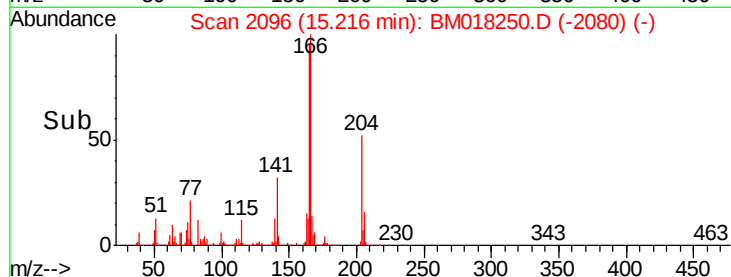
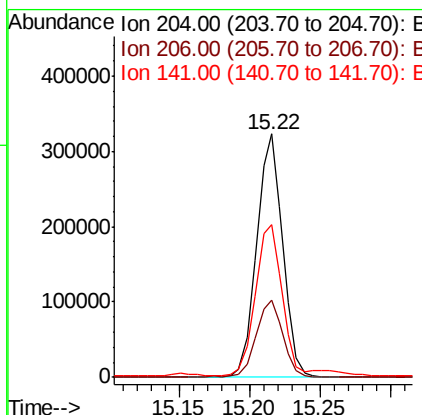
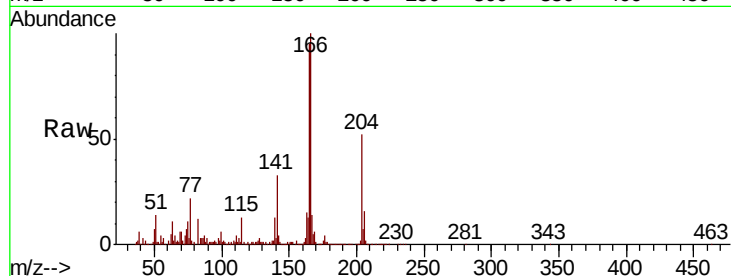




#61
 4-Chlorophenyl-phenylether
 Concen: 39.970 ng
 RT: 15.22 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

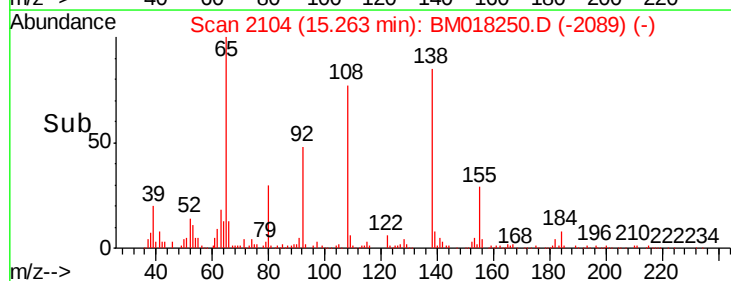
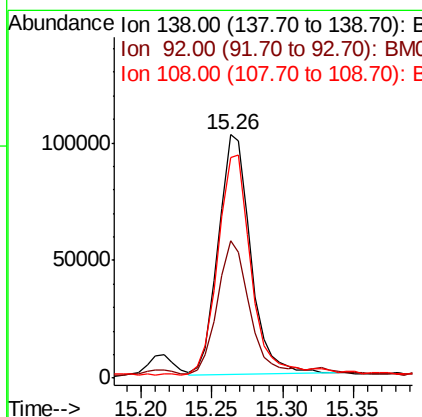
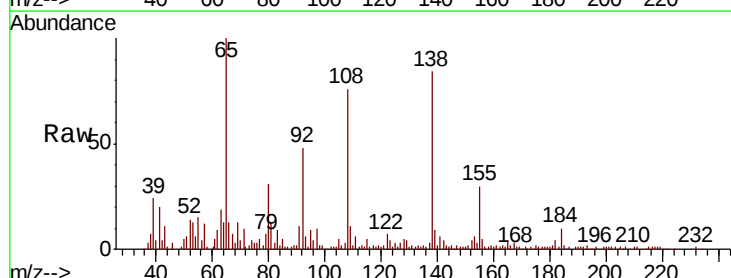
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

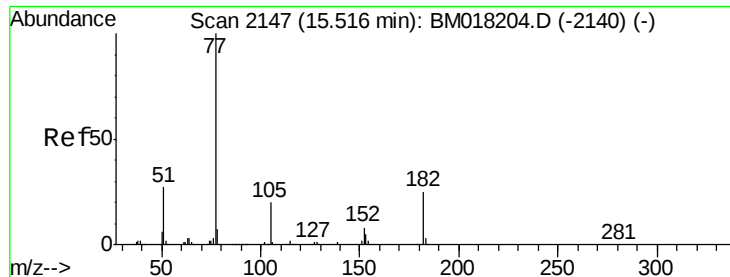
Tgt Ion:204 Resp: 418851
 Ion Ratio Lower Upper
 204 100
 206 31.6 25.8 38.6
 141 63.0 50.2 75.4



#62
 4-Nitroaniline
 Concen: 36.313 ng
 RT: 15.26 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion:138 Resp: 162248
 Ion Ratio Lower Upper
 138 100
 92 56.6 31.1 71.1
 108 90.7 65.0 105.0

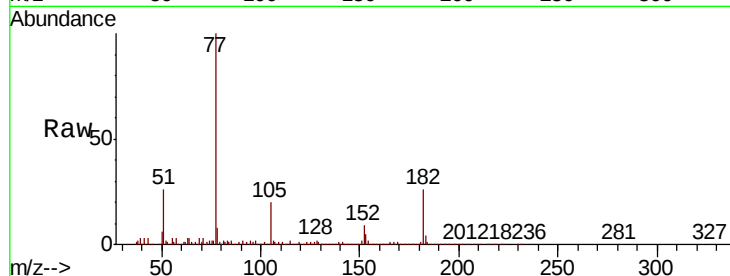




#63
Azobenzene
Concen: 42.771 ng
RT: 15.51 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:	77	Resp:	856676
Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.6	44.6
105	20.3	0.2	40.2
51	26.1	7.0	47.0

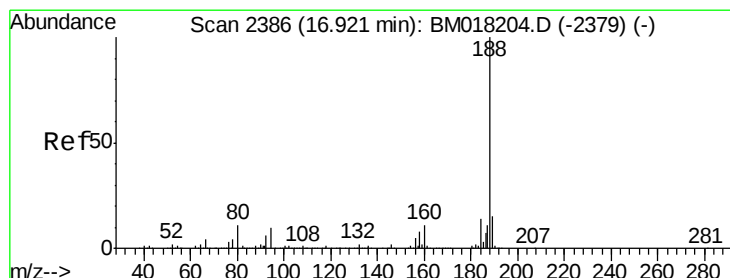
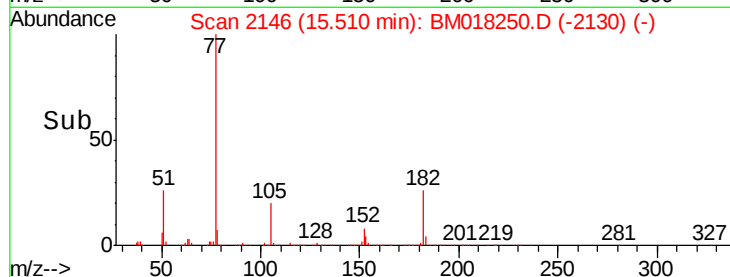
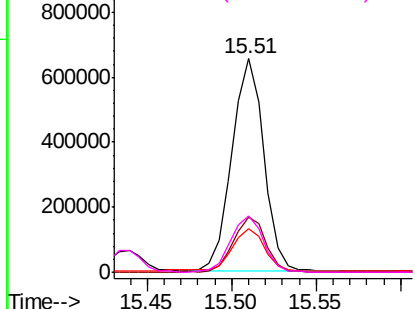


Abundance Ion 77.00 (76.70 to 77.70): BM018250.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): E

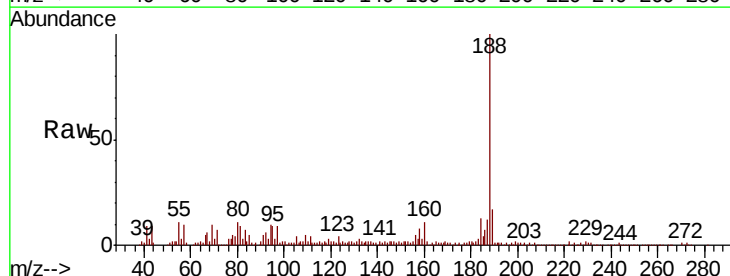
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018250.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

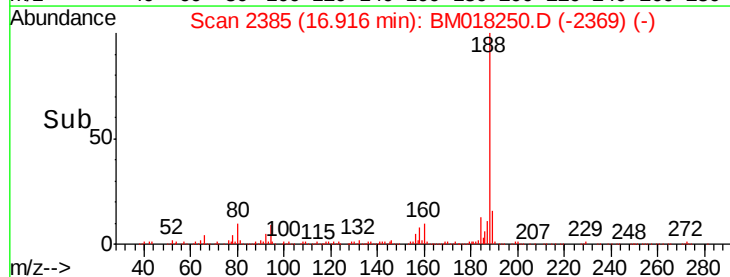
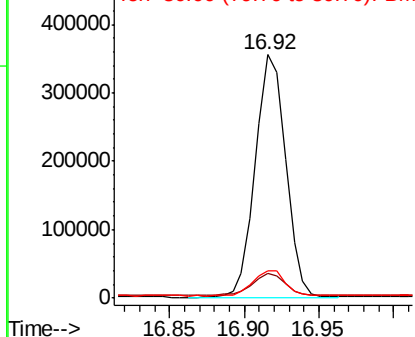
Tgt Ion:	188	Resp:	501383
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	11.0	9.0	13.6

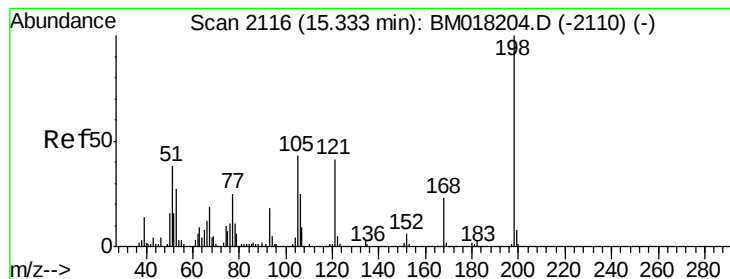


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018250.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM018250.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 35.512 ng

RT: 15.33 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

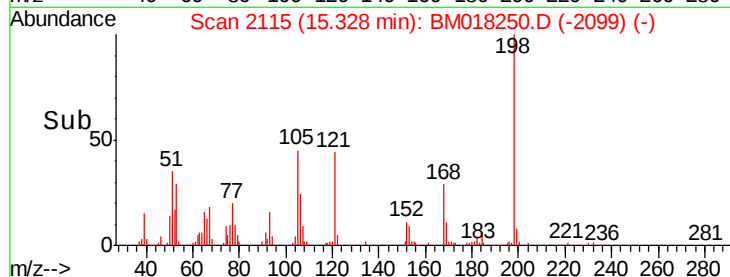
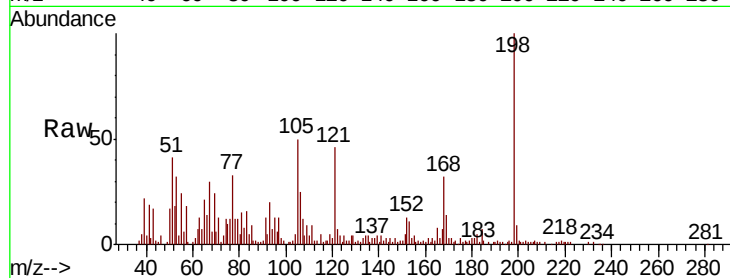
Tgt Ion:198 Resp: 131075

Ion Ratio Lower Upper

198 100

51 41.2 18.6 58.6

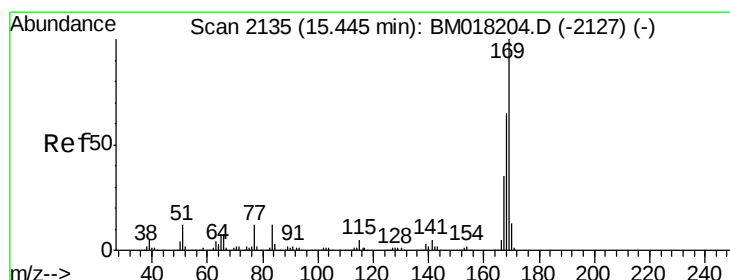
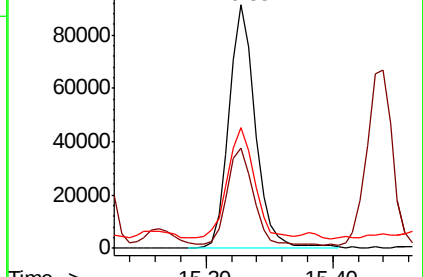
105 49.8 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018250.D (-2099) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.466 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

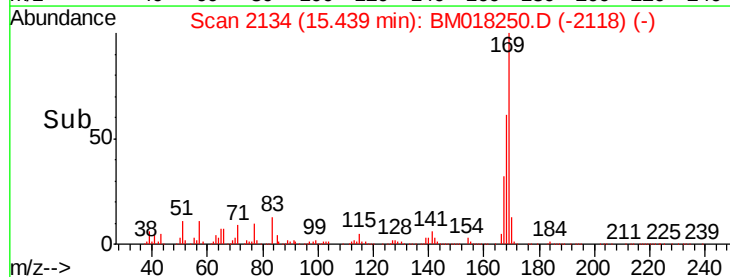
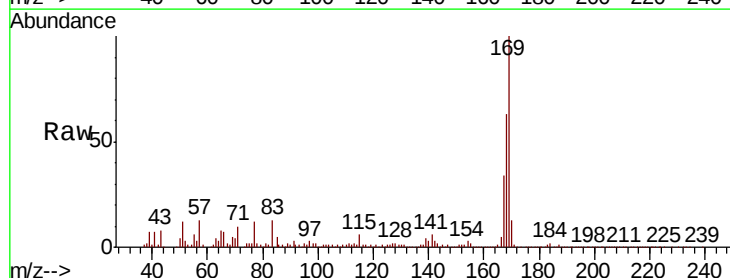
Tgt Ion:169 Resp: 753817

Ion Ratio Lower Upper

169 100

168 63.4 52.2 78.4

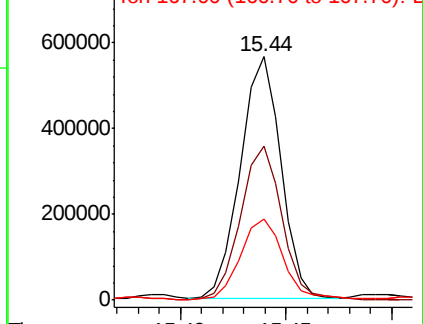
167 33.5 27.6 41.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

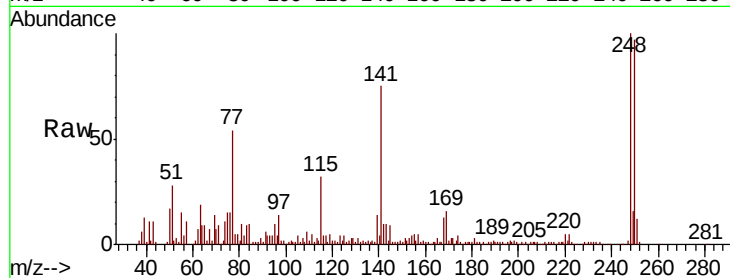




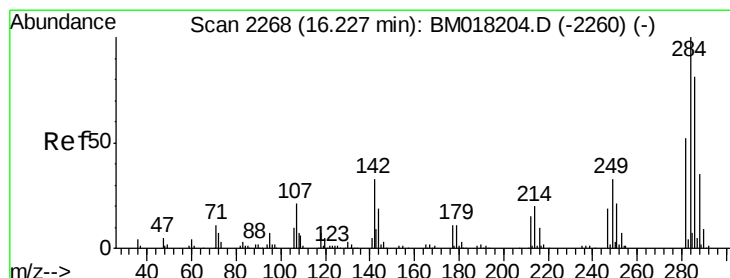
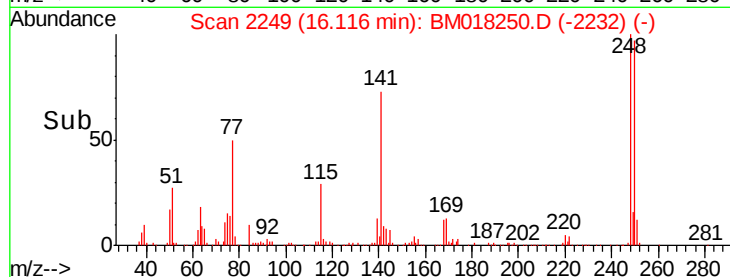
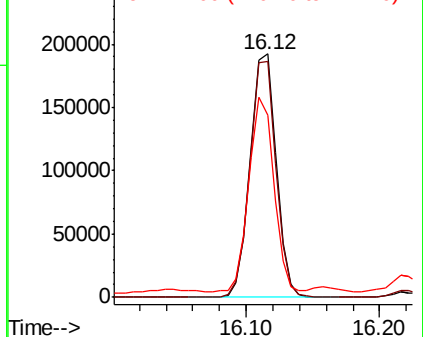
#67
 4-Bromophenyl-phenylether
 Concen: 42.598 ng
 RT: 16.12 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 248 Resp: 258662
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.7 118.1
 141 74.8 62.2 93.4

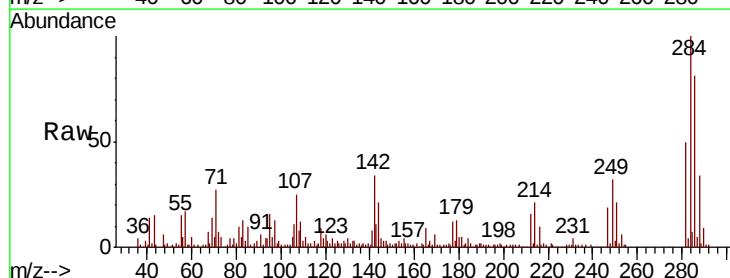


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

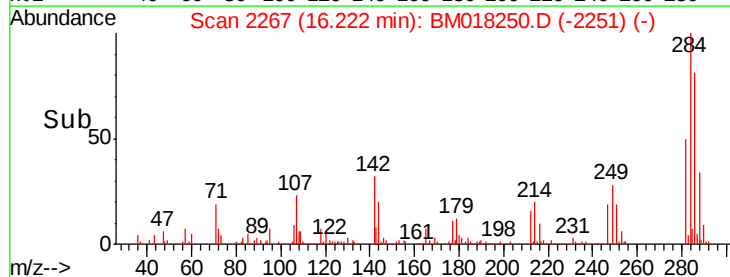
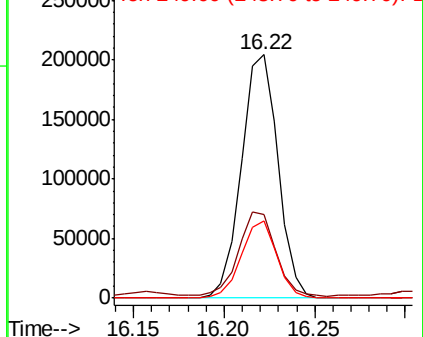


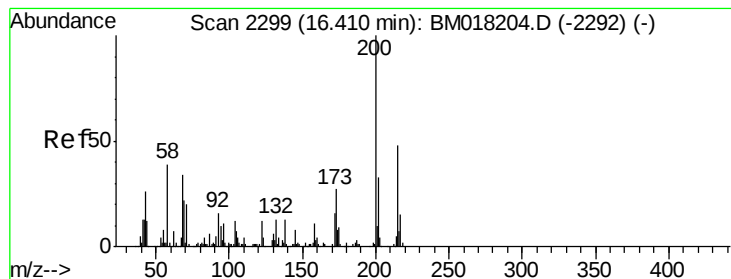
#68
 Hexachlorobenzene
 Concen: 42.922 ng
 RT: 16.22 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM018250.D
 Acq: 17 Dec 2018 15:50

Tgt Ion: 284 Resp: 285527
 Ion Ratio Lower Upper
 284 100
 142 34.4 26.2 39.4
 249 31.6 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 63.216 ng

RT: 16.41 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

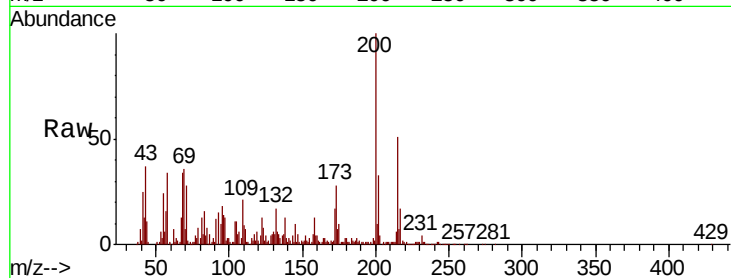
Tgt Ion:200 Resp: 353840

Ion Ratio Lower Upper

200 100

173 28.1 6.9 46.9

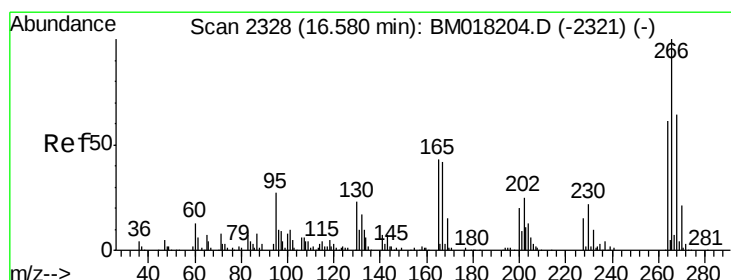
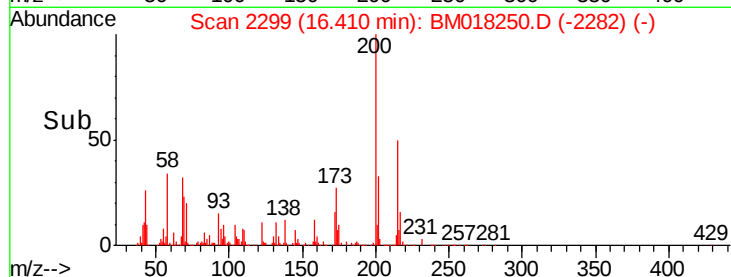
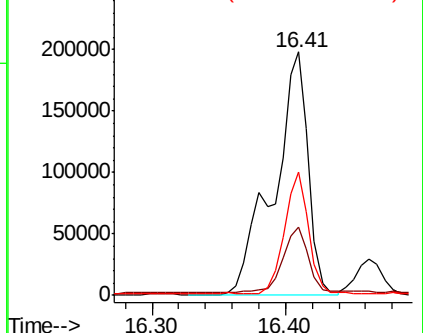
215 50.7 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.983 ng

RT: 16.57 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

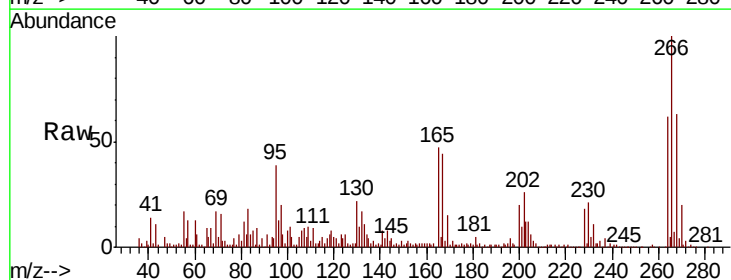
Tgt Ion:266 Resp: 338216

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

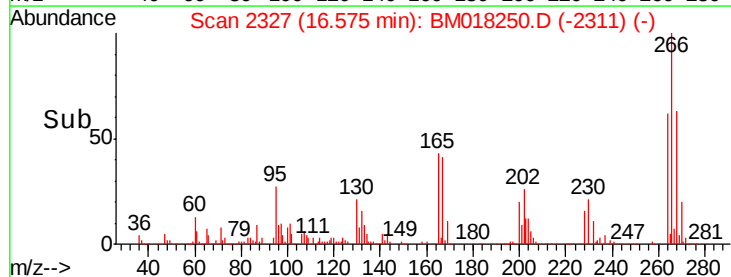
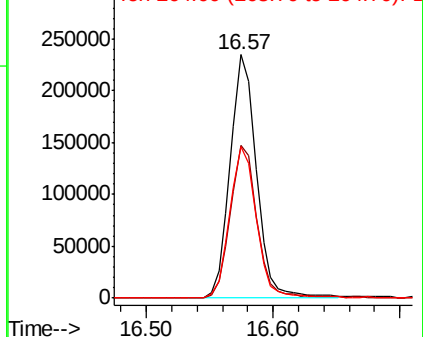
264 62.1 49.0 73.4

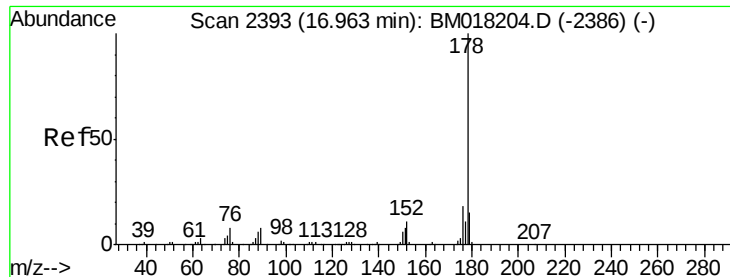


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

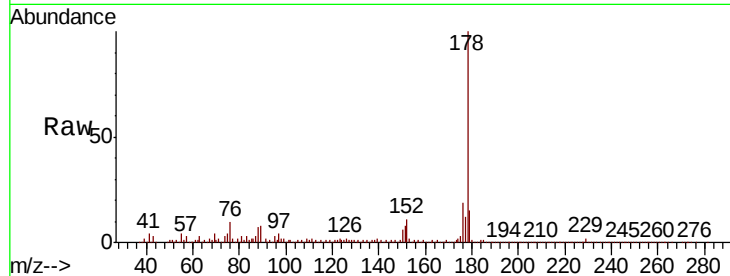




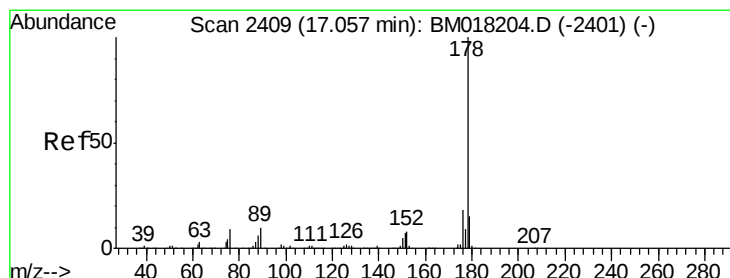
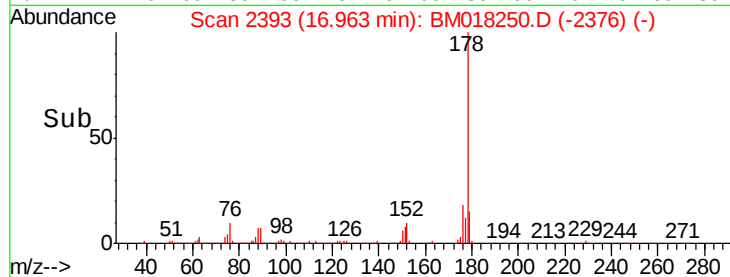
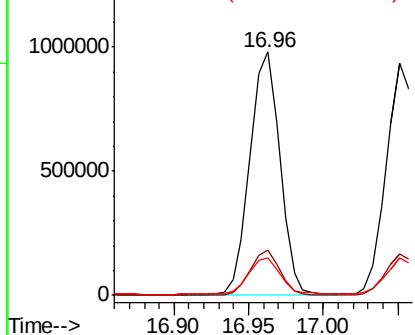
#71
Phenanthrene
Concen: 49.899 ng
RT: 16.96 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:178 Resp: 1358938
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 12.0 18.0

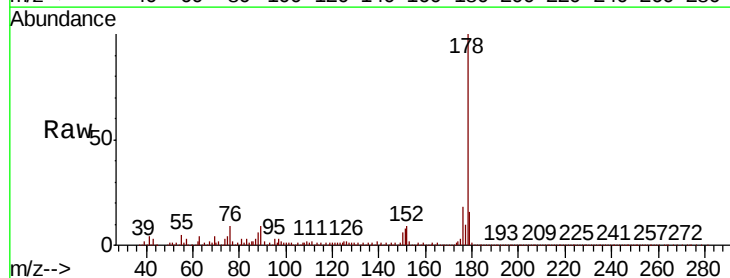


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

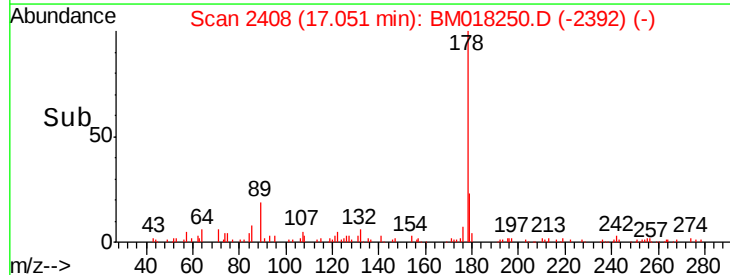
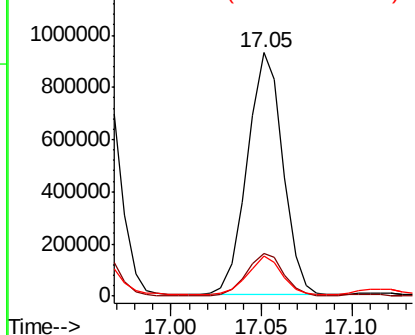


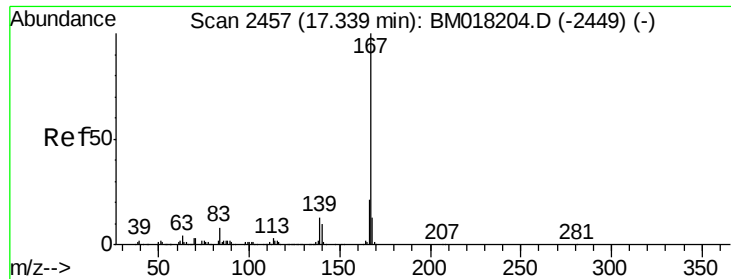
#72
Anthracene
Concen: 46.803 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion:178 Resp: 1264535
Ion Ratio Lower Upper
178 100
176 17.8 14.3 21.5
179 16.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.129 ng

RT: 17.33 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

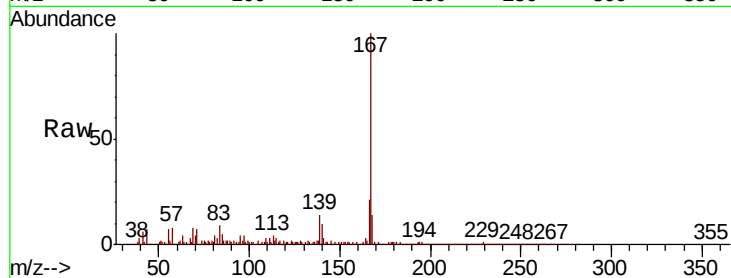
Tgt Ion:167 Resp: 1140559

Ion Ratio Lower Upper

167 100

166 21.5 16.8 25.2

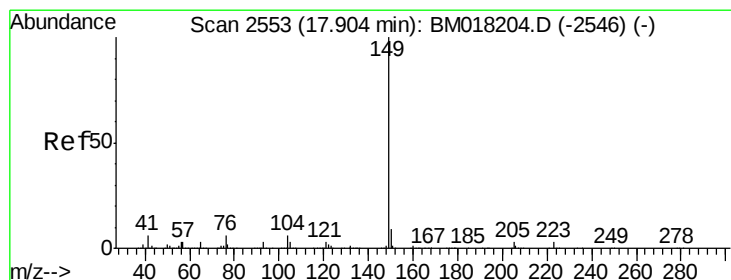
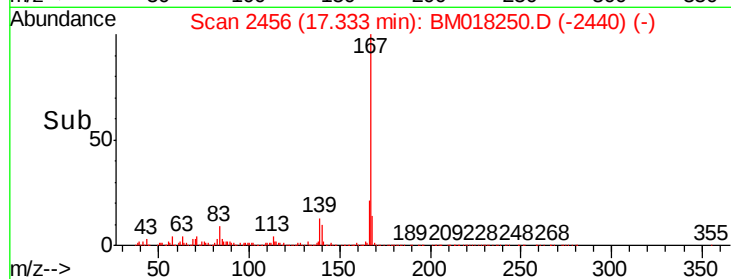
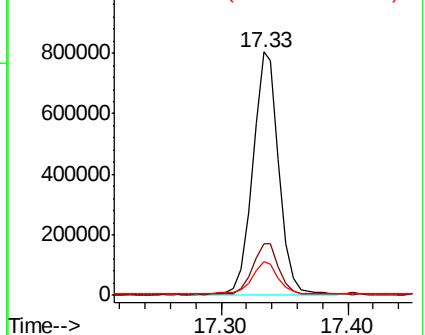
139 13.8 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.243 ng

RT: 17.90 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

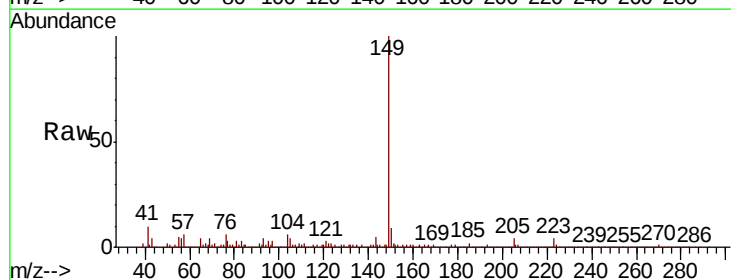
Tgt Ion:149 Resp: 1445414

Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

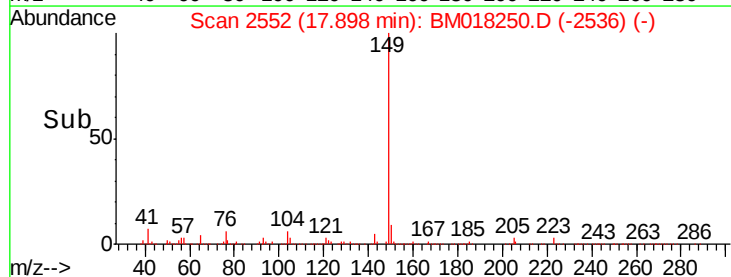
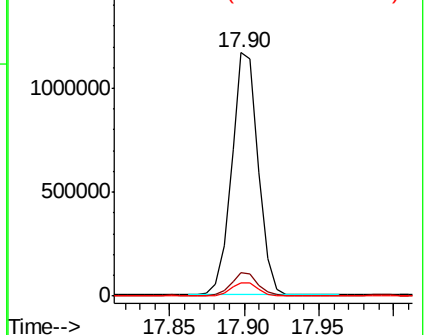
104 5.6 4.8 7.2

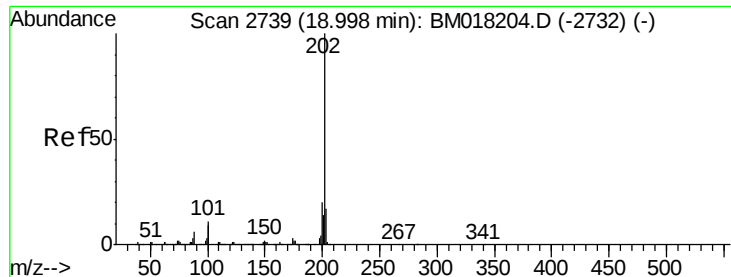


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.336 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

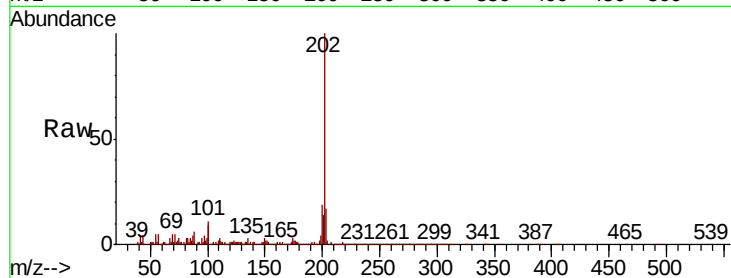
Tgt Ion:202 Resp: 1435490

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.5

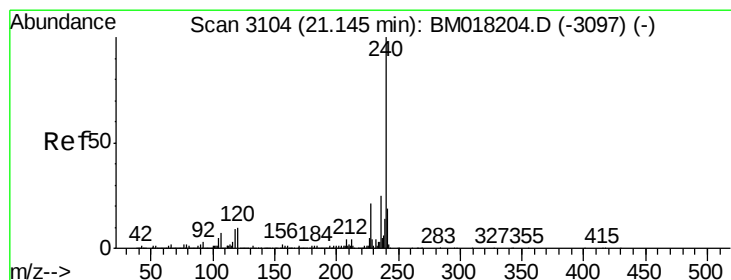
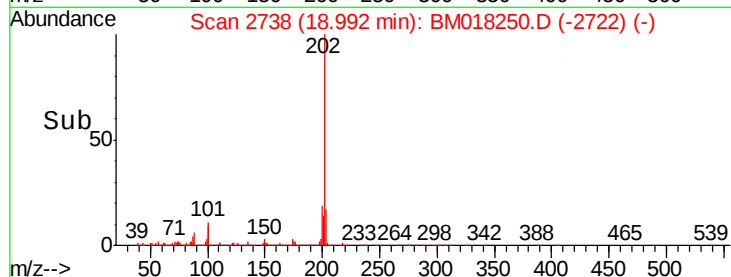
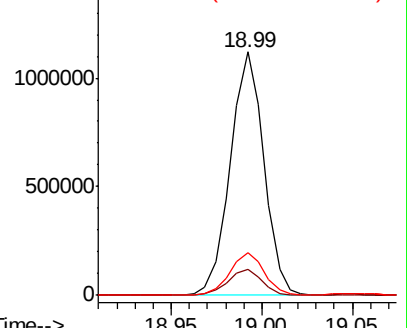
203 17.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

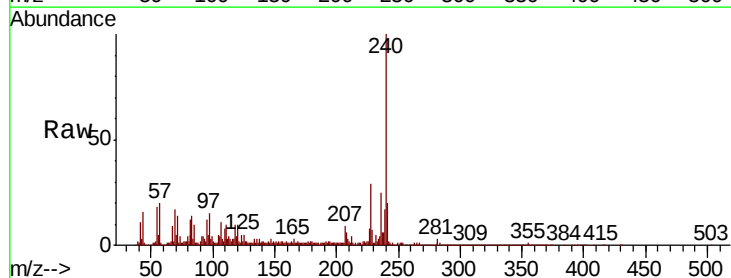
Tgt Ion:240 Resp: 591115

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

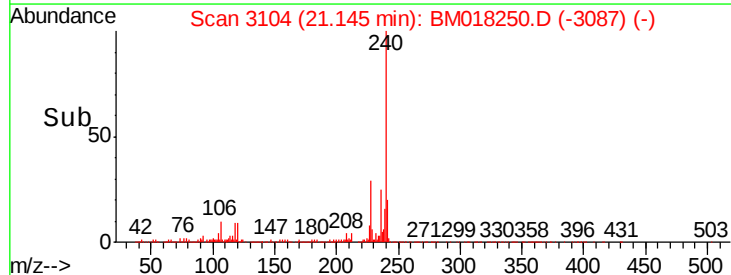
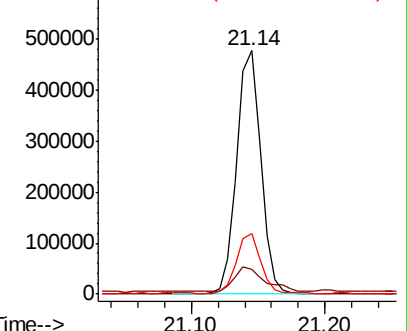
236 25.1 20.3 30.5

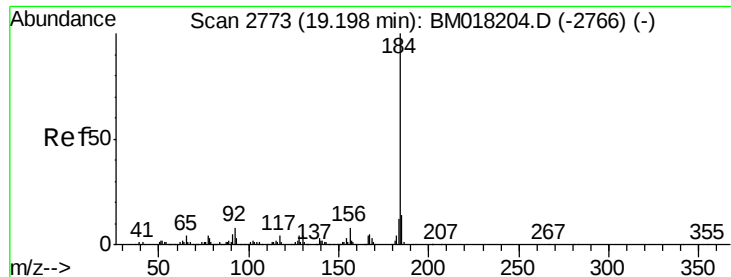


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.854 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

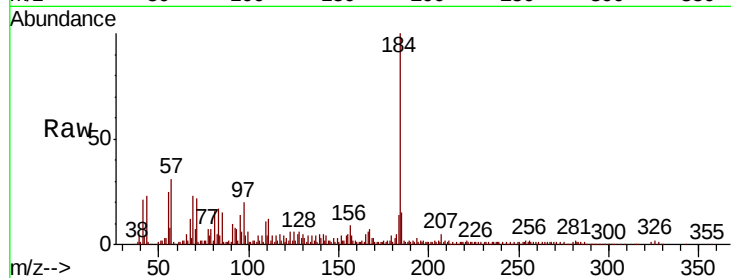
Tgt Ion:184 Resp: 342564

Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.2

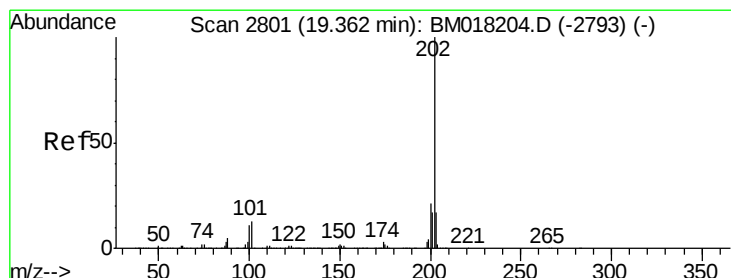
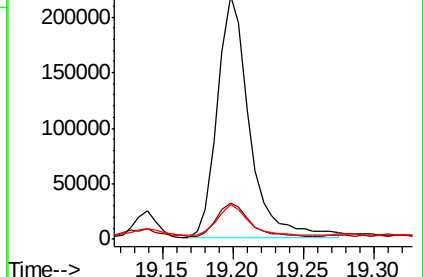
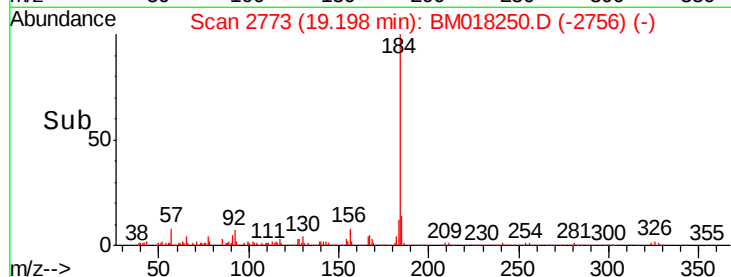
183 14.4 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.782 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

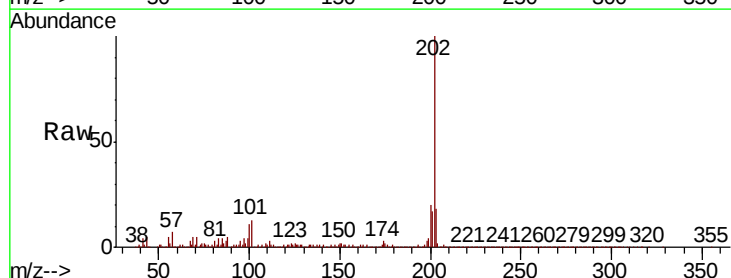
Tgt Ion:202 Resp: 1506845

Ion Ratio Lower Upper

202 100

200 19.8 16.5 24.7

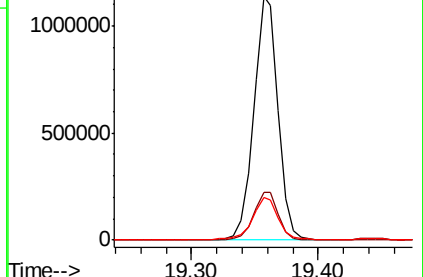
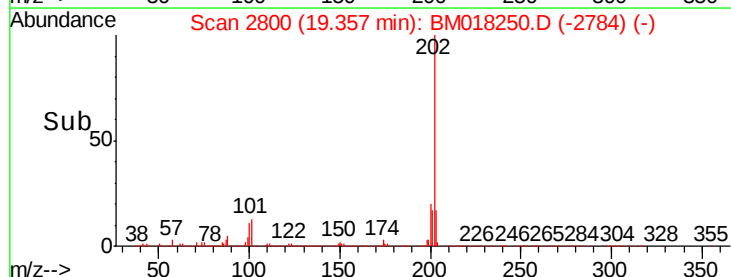
203 17.5 14.0 21.0

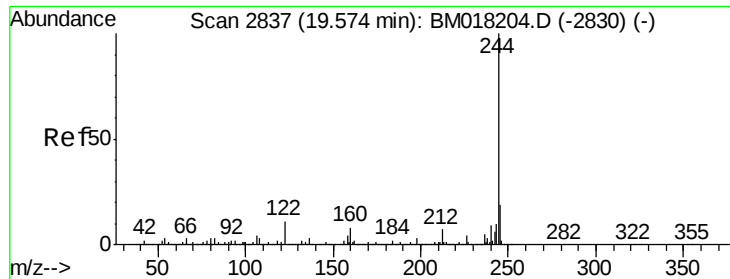


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.194 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

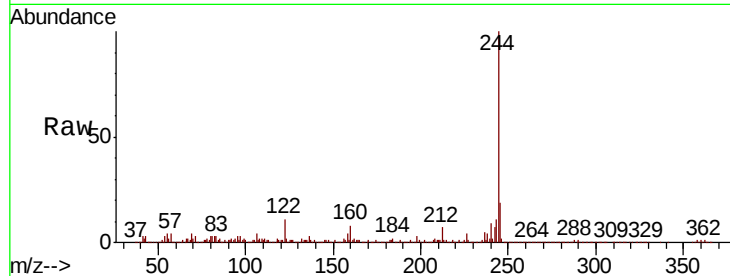
Tgt Ion:244 Resp: 1913028

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

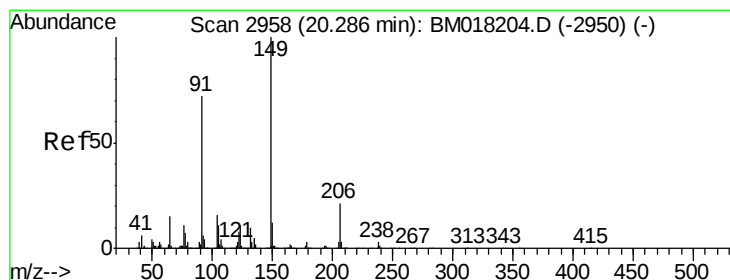
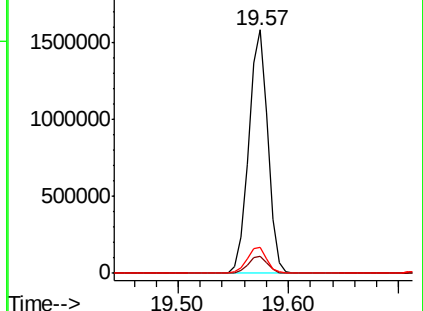
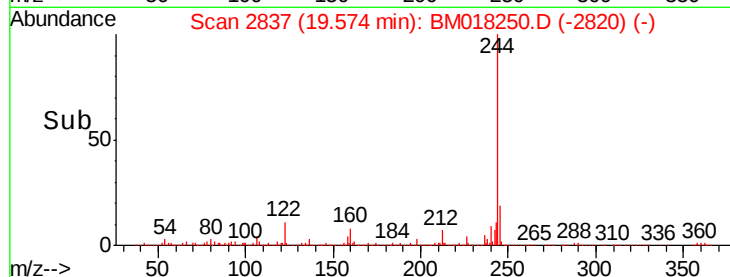
122 10.9 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.260 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

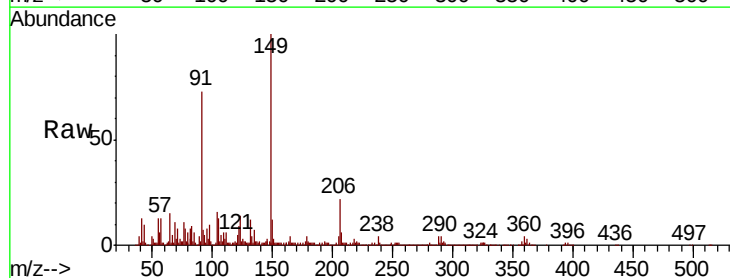
Tgt Ion:149 Resp: 691347

Ion Ratio Lower Upper

149 100

91 72.9 57.4 86.2

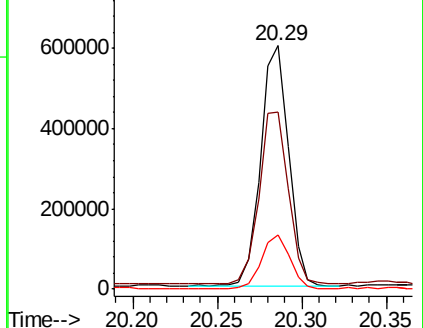
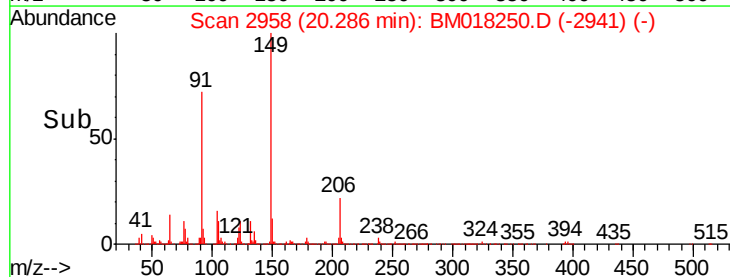
206 22.4 17.0 25.4

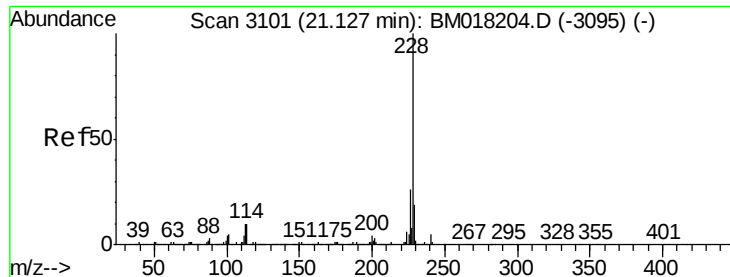


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

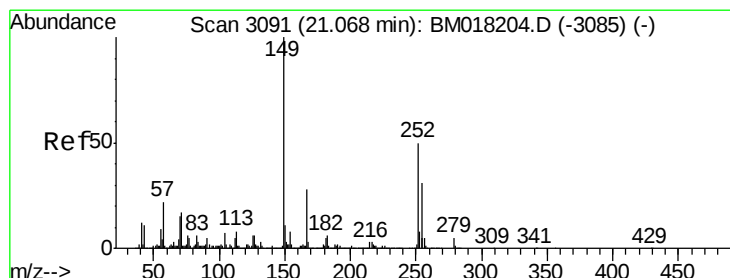
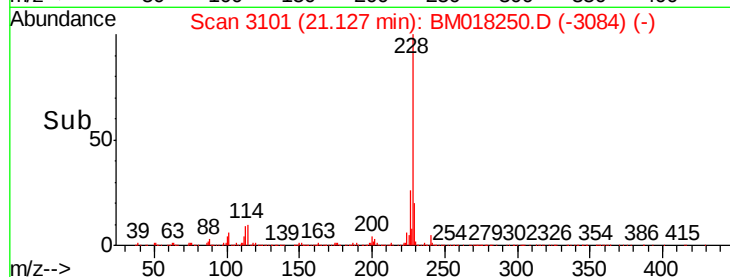
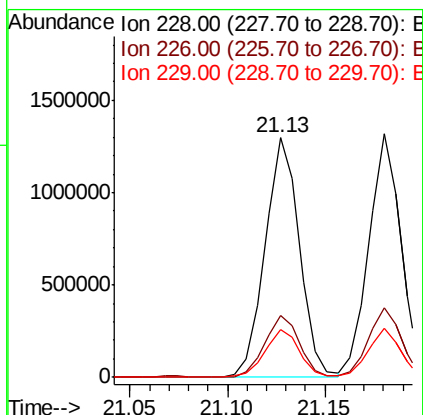
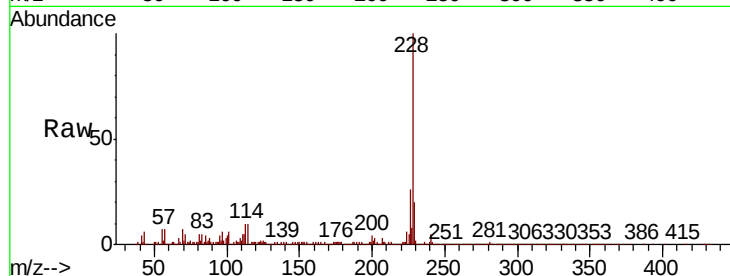




#81
Benzo(a)anthracene
Concen: 45.706 ng
RT: 21.13 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

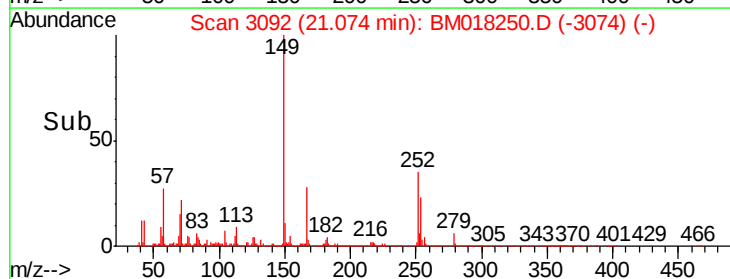
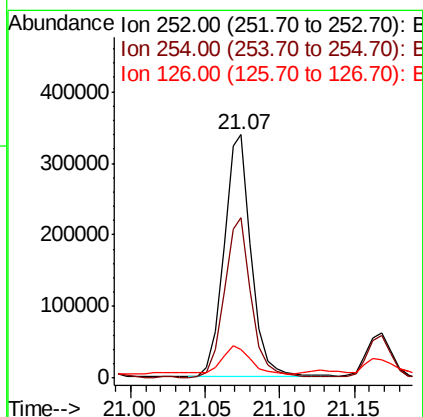
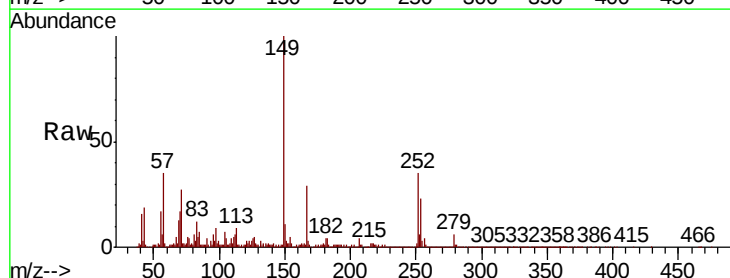
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

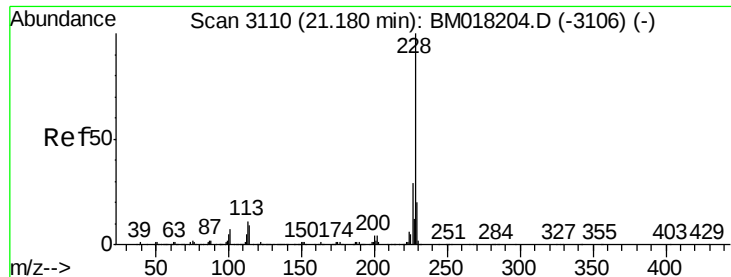
Tgt Ion:228 Resp: 1578216
Ion Ratio Lower Upper
228 100
226 26.0 21.0 31.4
229 20.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 31.537 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM018250.D
Acq: 17 Dec 2018 15:50

Tgt Ion:252 Resp: 435048
Ion Ratio Lower Upper
252 100
254 65.9 50.4 75.6
126 12.0 9.4 14.0





#83

Chrysene

Concen: 45.367 ng

RT: 21.18 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

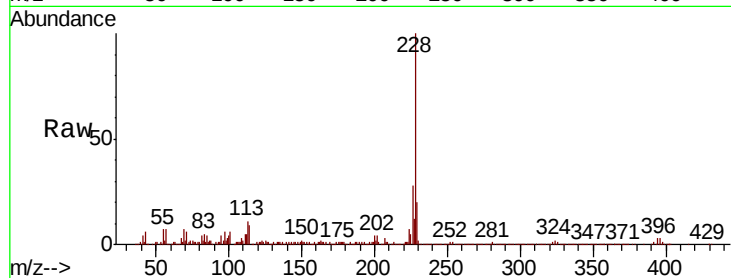
Tgt Ion:228 Resp: 1506778

Ion Ratio Lower Upper

228 100

226 28.4 23.1 34.7

229 20.0 15.8 23.6

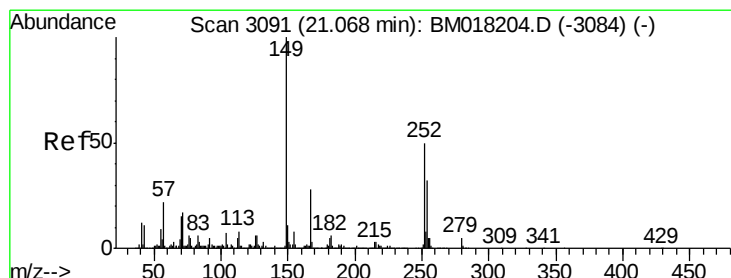
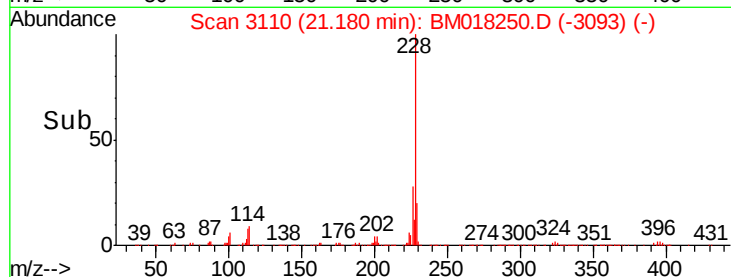
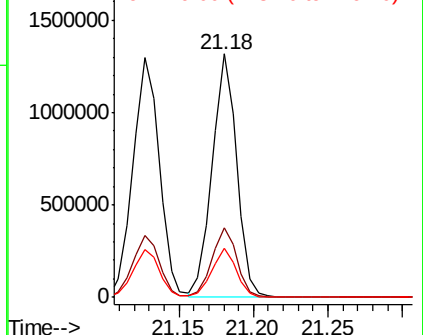


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.868 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

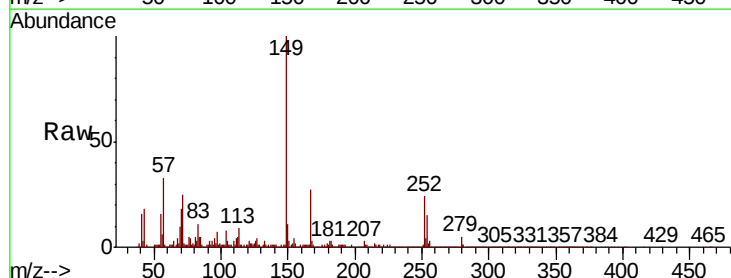
Tgt Ion:149 Resp: 1470072

Ion Ratio Lower Upper

149 100

167 27.3 22.7 34.1

279 4.5 3.9 5.9

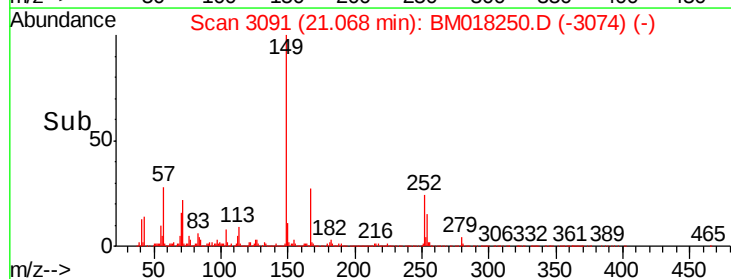
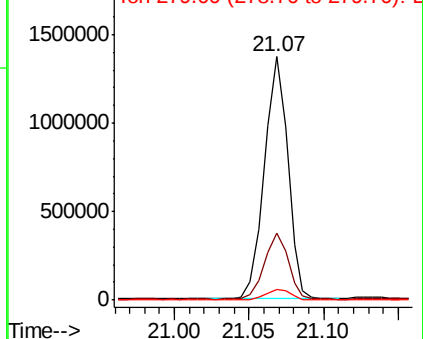


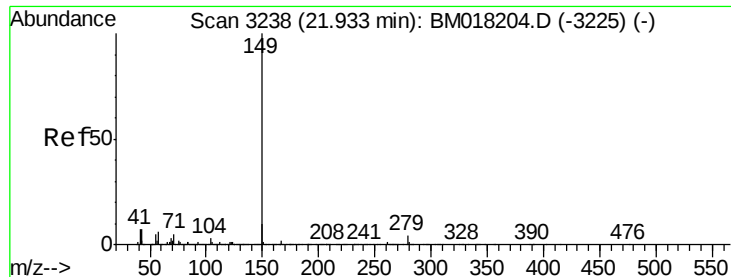
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.266 ng

RT: 21.93 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

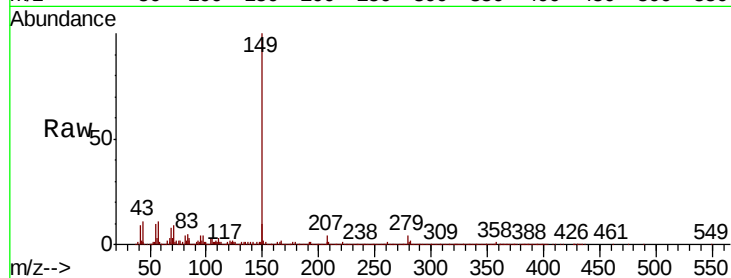
Tgt Ion:149 Resp: 1892212

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

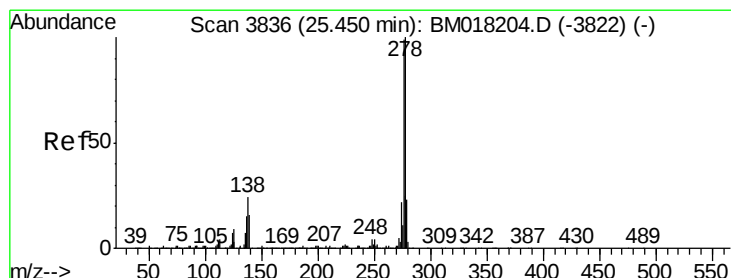
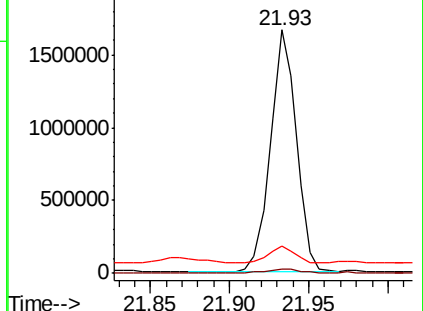
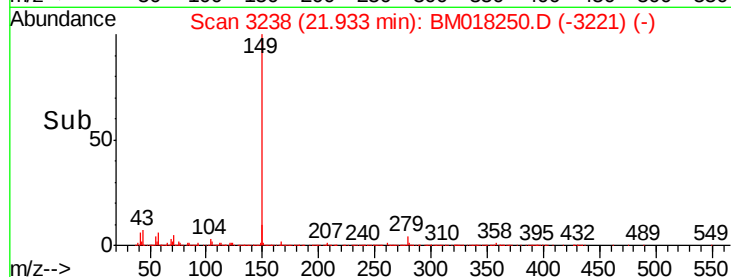
43 7.2 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.634 ng

RT: 25.45 min Scan# 3836

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

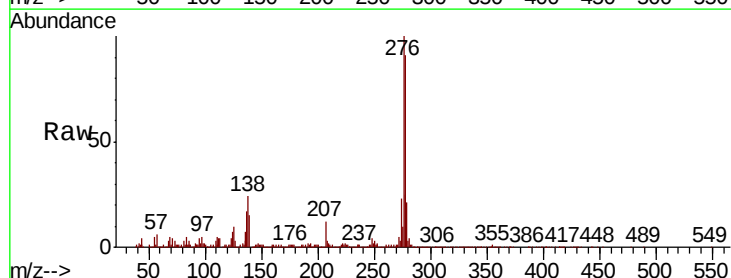
Tgt Ion:276 Resp: 2006021

Ion Ratio Lower Upper

276 100

138 22.7 18.6 28.0

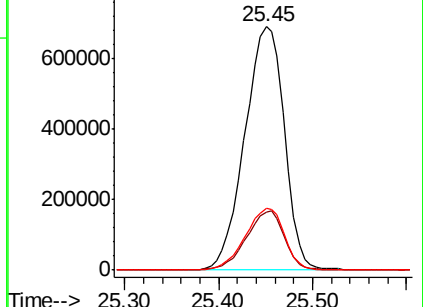
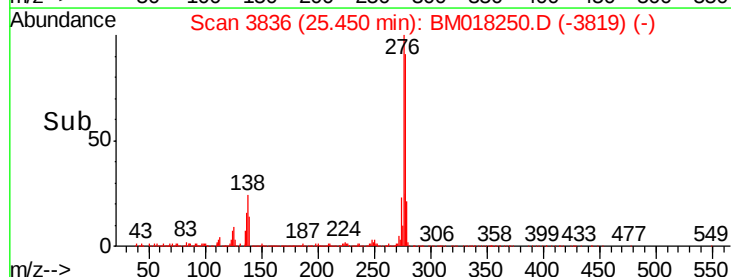
277 24.8 20.3 30.5

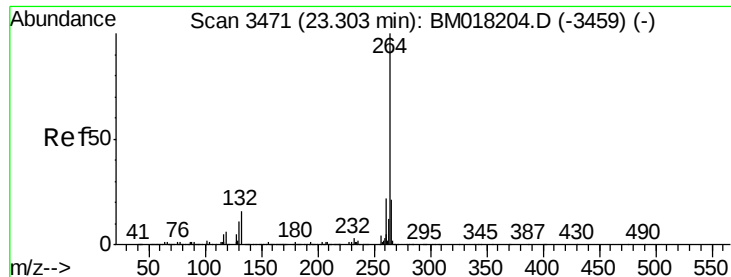


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3472

Delta R.T. 0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

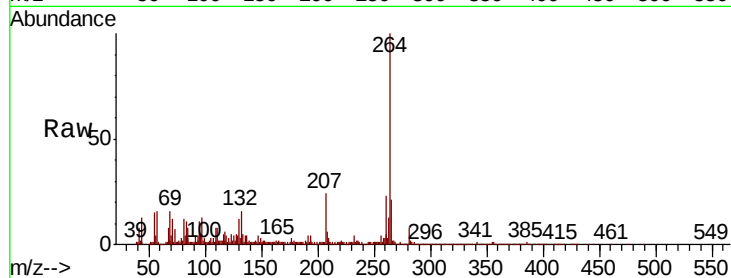
Tgt Ion:264 Resp: 647757

Ion Ratio Lower Upper

264 100

260 22.6 17.5 26.3

265 21.0 17.3 25.9

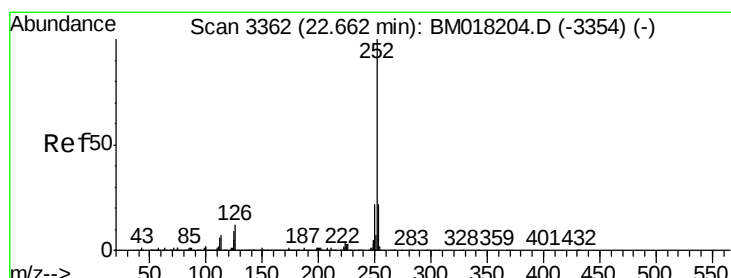
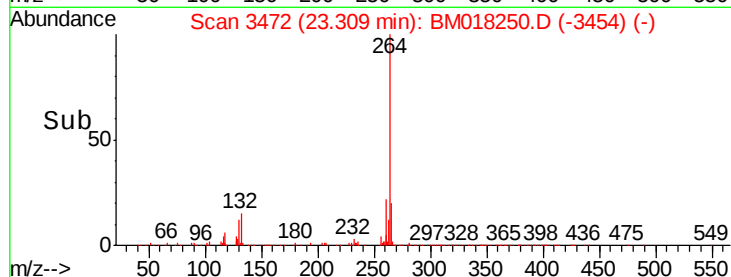
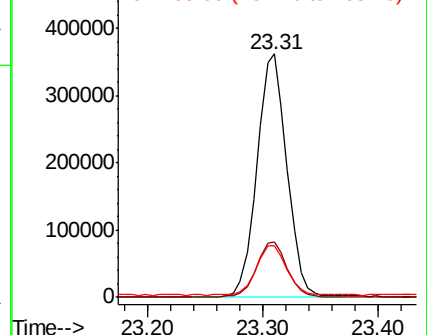


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.311 ng

RT: 22.67 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

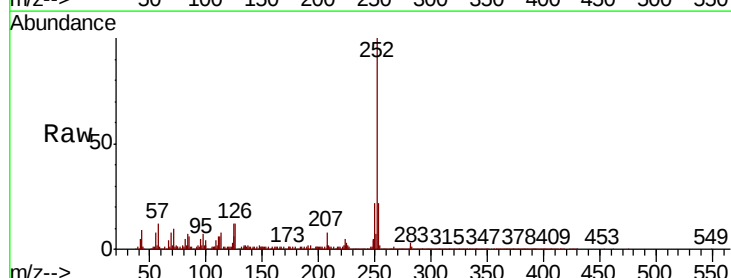
Tgt Ion:252 Resp: 1721465

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.5 7.4 11.0#

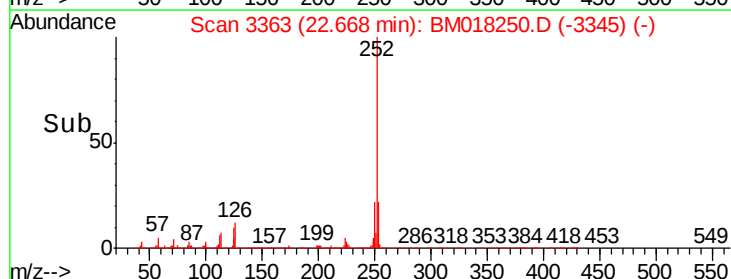
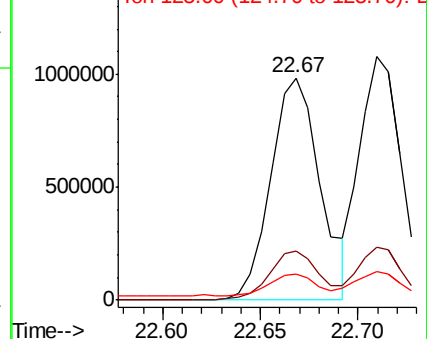


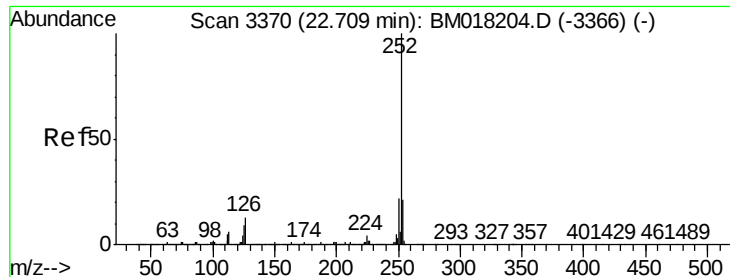
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.395 ng

RT: 22.71 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

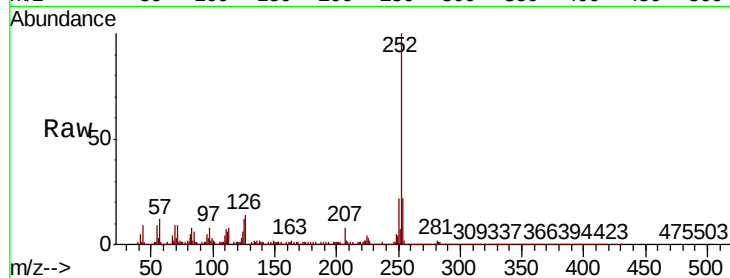
Tgt Ion:252 Resp: 1572514

Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

125 11.6 7.5 11.3#

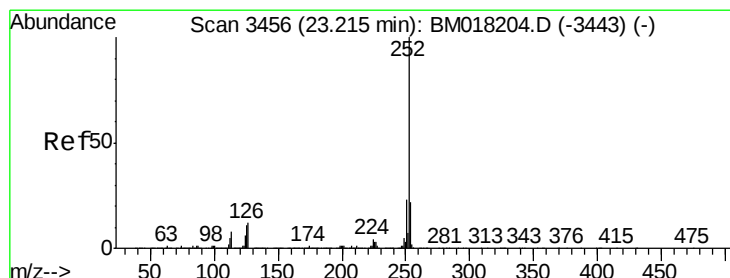
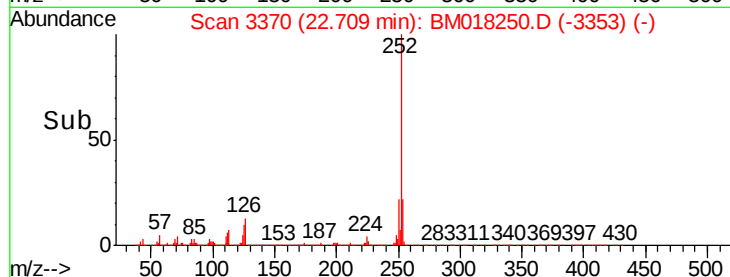
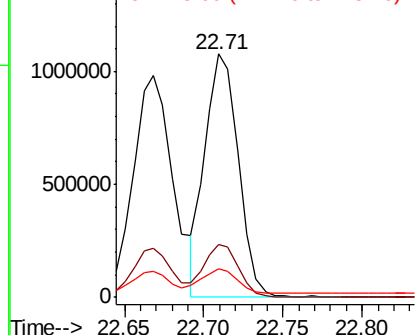


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.897 ng

RT: 23.22 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

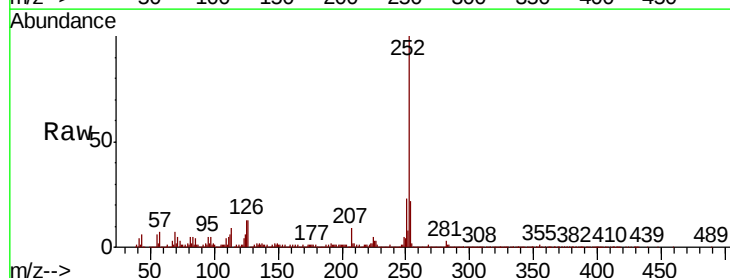
Tgt Ion:252 Resp: 1622938

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 12.6 8.6 12.8

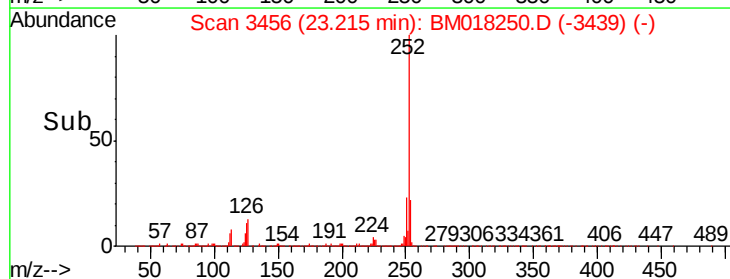
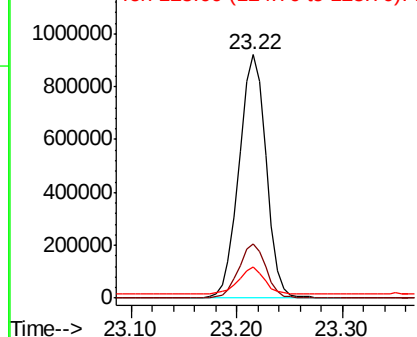


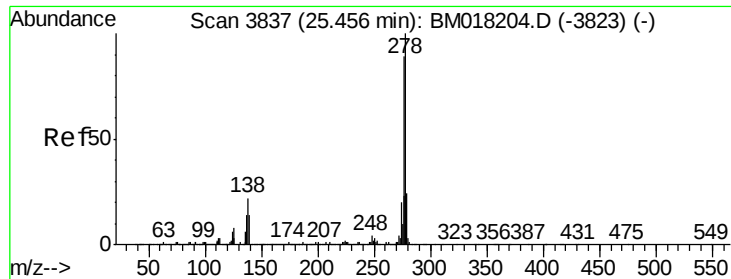
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.949 ng

RT: 25.46 min Scan# 3837

Delta R.T. 0.00 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MS

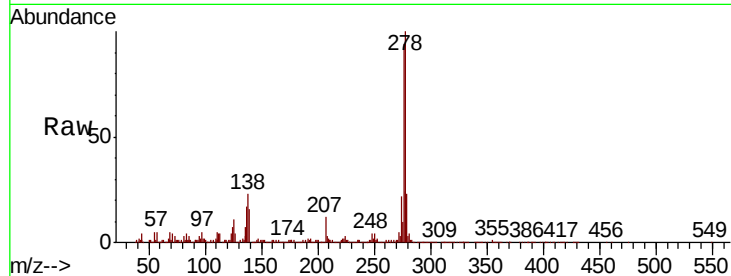
Tgt Ion:278 Resp: 1697368

Ion Ratio Lower Upper

278 100

139 15.9 11.6 17.4

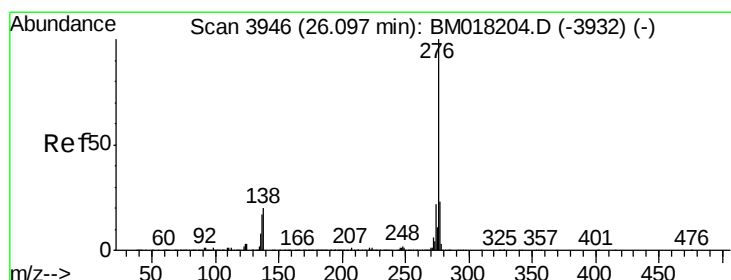
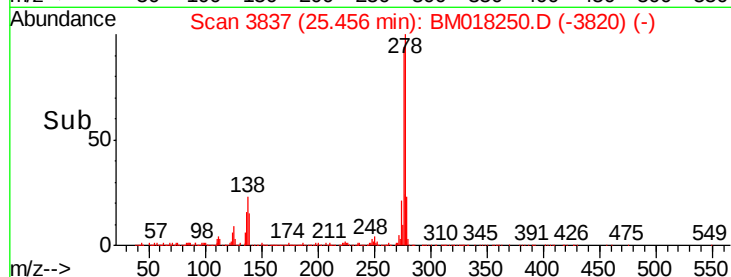
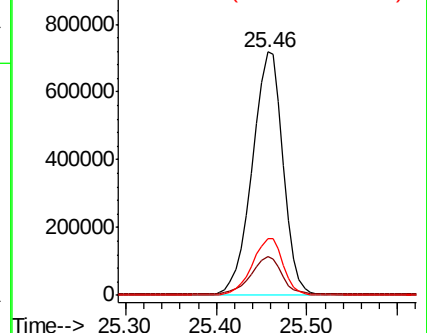
279 23.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.649 ng

RT: 26.10 min Scan# 3947

Delta R.T. 0.01 min

Lab File: BM018250.D

Acq: 17 Dec 2018 15:50

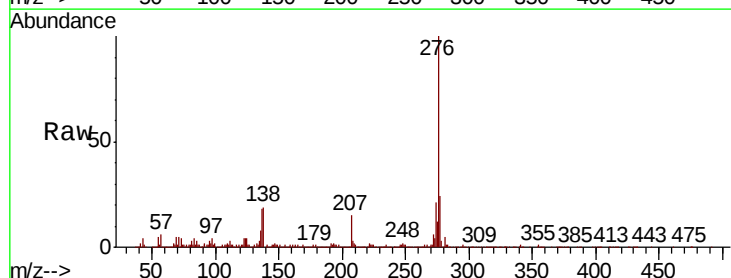
Tgt Ion:276 Resp: 1655999

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.8 15.8 23.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

