

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018251.D
 Acq On : 17 Dec 2018 16:26
 Operator : JU/SJ
 Sample : J6378-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 18 00:50:46 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	155391	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	565006	20.00	ng	0.00
39) Acenaphthene-d10	14.16	164	251054	20.00	ng	0.00
64) Phenanthrene-d10	16.92	188	473402	20.00	ng	0.00
76) Chrysene-d12	21.14	240	521095	20.00	ng	0.00
87) Perylene-d12	23.30	264	598856	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	1325995	142.55	ng	0.00
7) Phenol-d6	6.70	99	1714421	132.60	ng	0.00
23) Nitrobenzene-d5	8.66	82	1048267	95.17	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	409443	111.12	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1743735	89.96	ng	0.00
79) Terphenyl-d14	19.57	244	1794997	77.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	131396	35.658	ng	98
3) Pyridine	3.51	79	397340	36.653	ng	98
4) n-Nitrosodimethylamine	3.43	42	176082	47.191	ng	98
6) Aniline	6.85	93	464435	28.635	ng	99
8) 2-Chlorophenol	7.07	128	481007	43.765	ng	96
9) Benzaldehyde	6.66	77	155928	19.786	ng	93
10) Phenol	6.73	94	708419	51.737	ng	99
11) bis(2-Chloroethyl)ether	6.95	93	450789	41.424	ng	98
12) 1,3-Dichlorobenzene	7.38	146	531100	43.274	ng	97
13) 1,4-Dichlorobenzene	7.53	146	824647	66.169	ng	99
14) 1,2-Dichlorobenzene	7.84	146	500252	41.639	ng	99
15) Benzyl Alcohol	7.75	79	427761	40.603	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	382905	39.099	ng	95
17) 2-Methylphenol	7.95	107	390949	42.760	ng	97
18) Hexachloroethane	8.55	117	197548	43.246	ng	96
19) n-Nitroso-di-n-propylamine	8.31	70	367058	38.022	ng	97
20) 3+4-Methylphenols	8.28	107	515918	40.271	ng	98
22) Acetophenone	8.32	105	719452	48.118	ng	100
24) Nitrobenzene	8.70	77	531449	48.286	ng	100
25) Isophorone	9.22	82	899789	49.065	ng	98
26) 2-Nitrophenol	9.40	139	247182	45.789	ng	99
27) 2,4-Dimethylphenol	9.47	122	413129	53.101	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	563851	47.168	ng	97
29) 2,4-Dichlorophenol	9.93	162	395709	45.874	ng	98
30) 1,2,4-Trichlorobenzene	10.13	180	444117	45.263	ng	94
31) Naphthalene	10.31	128	1625840	58.849	ng	99
32) Benzoic acid	9.65	122	233452	31.689	ng	93
33) 4-Chloroaniline	10.45	127	236123	19.511	ng	98
34) Hexachlorobutadiene	10.58	225	273098	44.009	ng	99
35) Caprolactam	11.26	113	108217	32.923	ng	94
36) 4-Chloro-3-methylphenol	11.59	107	408429	39.405	ng	100
37) 2-Methylnaphthalene	11.93	142	987551	50.687	ng	99
38) 1-Methylnaphthalene	12.16	142	895745	47.116	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	448502	51.951	ng	98

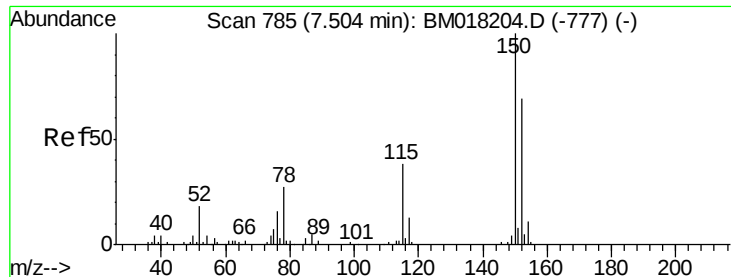
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018251.D
 Acq On : 17 Dec 2018 16:26
 Operator : JU/SJ
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	378653	98.120	ng	99
43) 2,4,6-Trichlorophenol	12.57	196	286044	51.515	ng	96
44) 2,4,5-Trichlorophenol	12.65	196	291082	49.379	ng	98
46) 1,1'-Biphenyl	12.97	154	1097704	48.602	ng	98
47) 2-Chloronaphthalene	13.02	162	827691	49.790	ng	99
48) 2-Nitroaniline	13.24	65	238022	46.481	ng	97
49) Acenaphthylene	13.87	152	1252671	50.004	ng	99
50) Dimethylphthalate	13.63	163	1076783	51.590	ng	99
51) 2,6-Dinitrotoluene	13.76	165	207114	45.140	ng	98
52) Acenaphthene	14.22	154	722966	47.223	ng	98
53) 3-Nitroaniline	14.09	138	139351	28.860	ng	98
54) 2,4-Dinitrophenol	14.31	184	204052	80.620	ng	91
55) Dibenzofuran	14.56	168	1123236	45.660	ng	99
56) 4-Nitrophenol	14.42	139	302470	82.622	ng	94
57) 2,4-Dinitrotoluene	14.56	165	280340	44.203	ng	94
58) Fluorene	15.22	166	886243	46.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	236399	44.529	ng	# 98
60) Diethylphthalate	15.00	149	914619	40.606	ng	98
61) 4-Chlorophenyl-phenylether	15.22	204	446919	41.592	ng	98
62) 4-Nitroaniline	15.27	138	166497	36.340	ng	92
63) Azobenzene	15.51	77	887430	43.209	ng	99
65) 4,6-Dinitro-2-methylphenol	15.33	198	134216	38.512	ng	94
66) n-Nitrosodiphenylamine	15.44	169	756604	48.331	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	264548	46.142	ng	96
68) Hexachlorobenzene	16.22	284	280880	44.719	ng	95
69) Atrazine	16.41	200	301384	57.027	ng	100
70) Pentachlorophenol	16.57	266	331626	79.944	ng	98
71) Phenanthrene	16.96	178	1279405	49.755	ng	100
72) Anthracene	17.05	178	1246482	48.862	ng	99
73) Carbazole	17.33	167	1117944	42.696	ng	99
74) Di-n-butylphthalate	17.90	149	1401304	43.374	ng	99
75) Fluoranthene	18.99	202	1367148	45.730	ng	99
77) Benzidine	19.20	184	528259	39.977	ng	99
78) Pyrene	19.36	202	1407198	45.321	ng	99
80) Butylbenzylphthalate	20.29	149	655340	44.366	ng	100
81) Benzo(a)anthracene	21.13	228	1475042	48.458	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	405632	33.355	ng	96
83) Chrysene	21.18	228	1392792	47.570	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1066567	48.449	ng	99
85) Di-n-octyl phthalate	21.93	149	1787905	49.590	ng	99
86) Indeno(1,2,3-cd)pyrene	25.45	276	1986432	68.110	ng	99
88) Benzo(b)fluoranthene	22.67	252	1661000	49.377	ng	99
89) Benzo(k)fluoranthene	22.71	252	1517616	45.300	ng	97
90) Benzo(a)pyrene	23.21	252	1576367	49.271	ng	99
91) Dibenzo(a,h)anthracene	25.46	278	1700925	57.392	ng	99
92) Benzo(g,h,i)perylene	26.10	276	1650199	58.904	ng	100

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

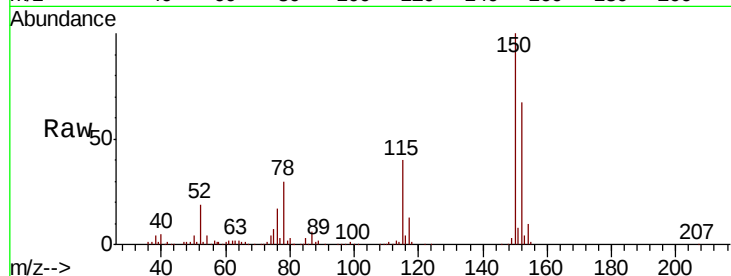


#1

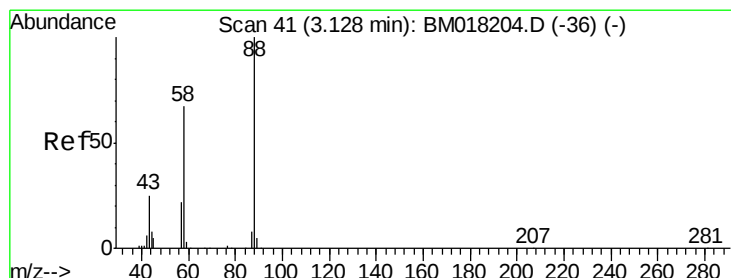
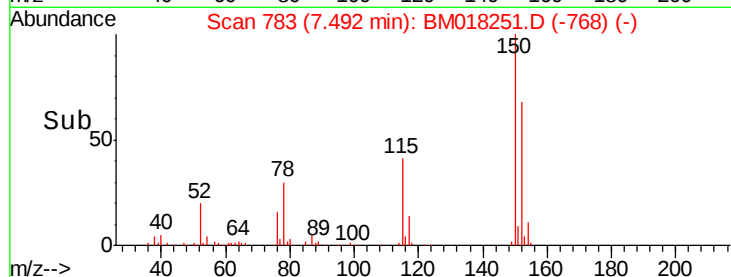
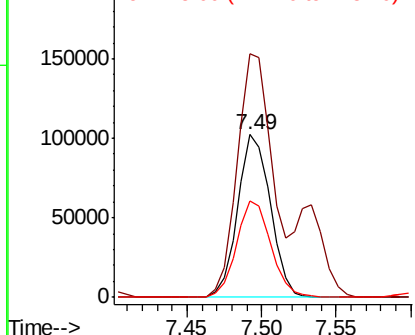
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.49 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

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

Tgt Ion:152 Resp: 155391
 Ion Ratio Lower Upper
 152 100
 150 149.9 116.1 174.1
 115 59.6 44.6 67.0



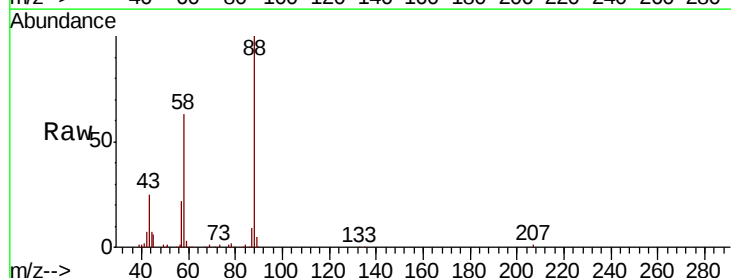
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



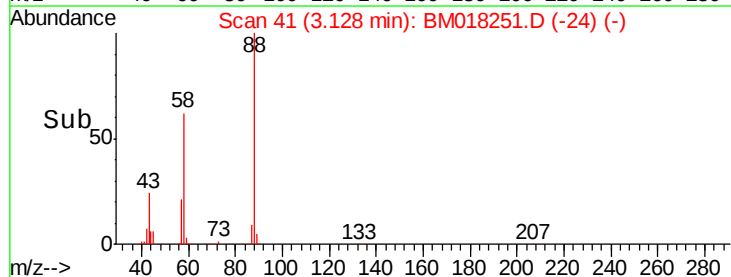
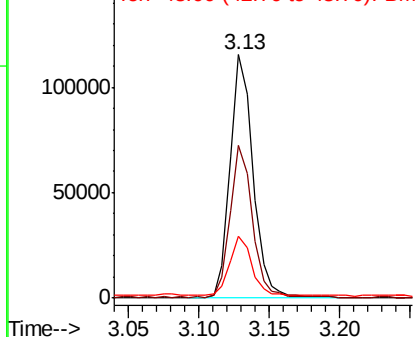
#2

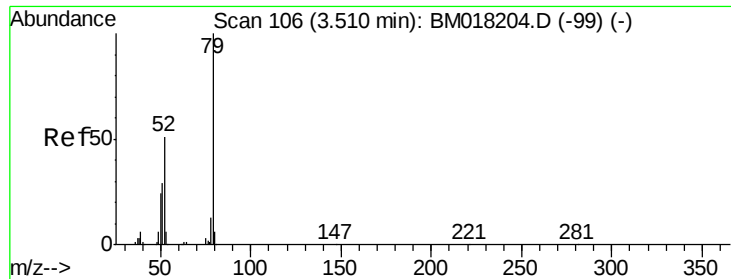
1,4-Dioxane
 Concen: 35.658 ng
 RT: 3.13 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion: 88 Resp: 131396
 Ion Ratio Lower Upper
 88 100
 58 60.6 49.8 74.6
 43 23.5 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

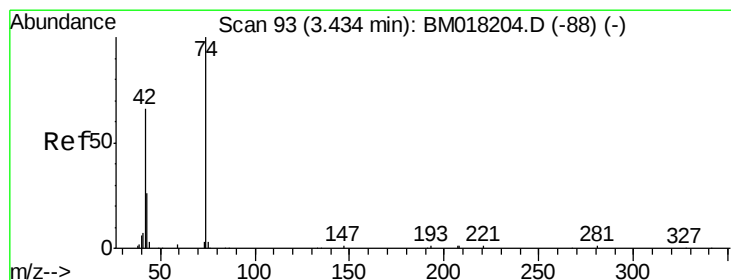
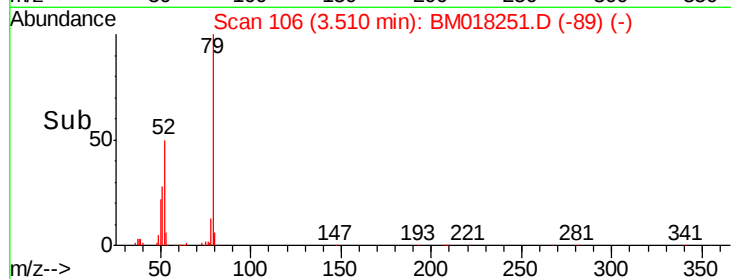
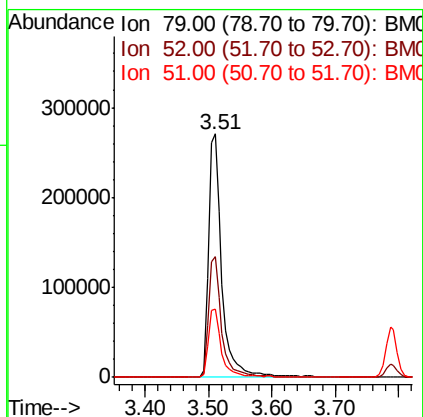
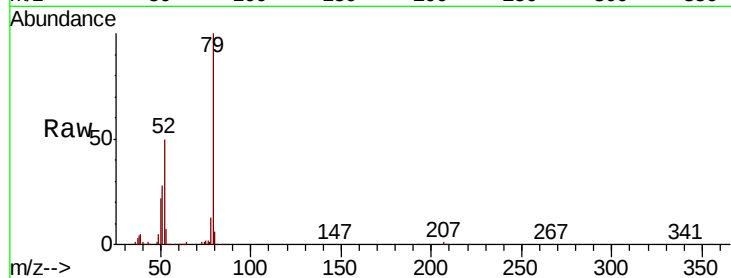




#3
 Pyridine
 Concen: 36.653 ng
 RT: 3.51 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

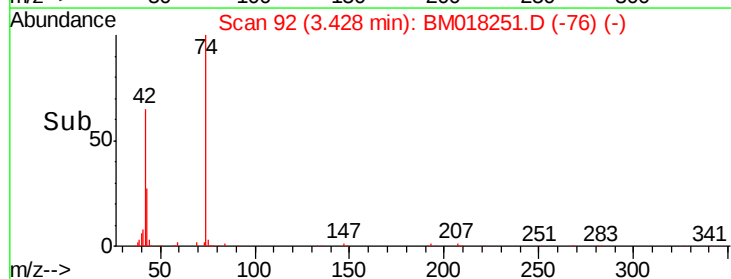
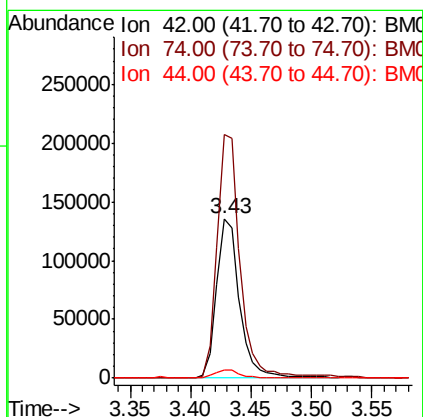
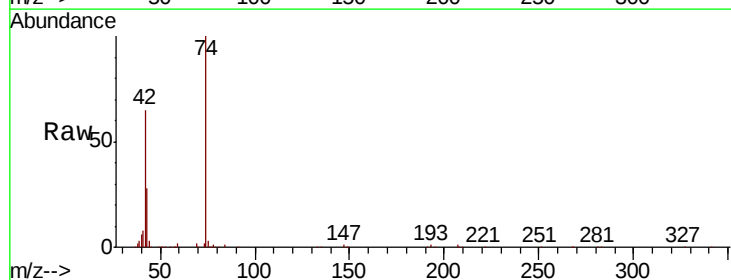
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

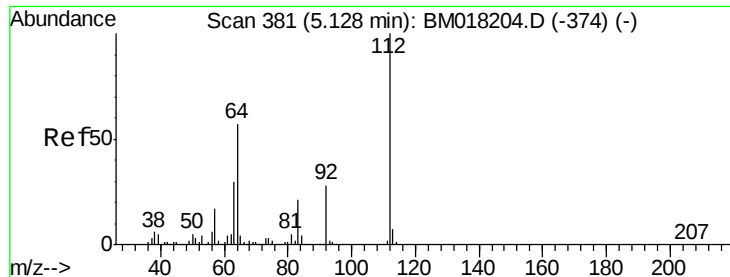
Tgt Ion: 79 Resp: 397340
 Ion Ratio Lower Upper
 79 100
 52 49.7 40.7 61.1
 51 28.1 23.0 34.6



#4
 n-Nitrosodimethylamine
 Concen: 47.191 ng
 RT: 3.43 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion: 42 Resp: 176082
 Ion Ratio Lower Upper
 42 100
 74 152.7 120.4 180.6
 44 5.0 4.6 7.0





#5

2-Fluorophenol

Concen: 142.547 ng

RT: 5.13 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

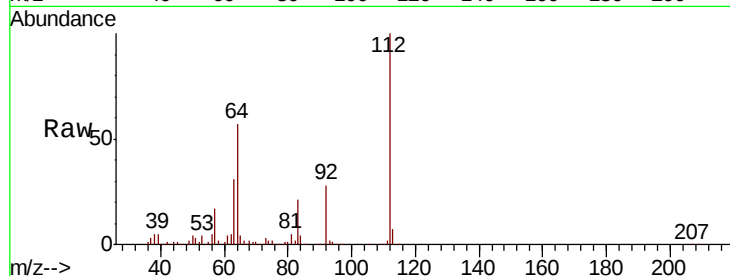
Tgt Ion:112 Resp: 1325995

Ion Ratio Lower Upper

112 100

64 57.0 45.4 68.2

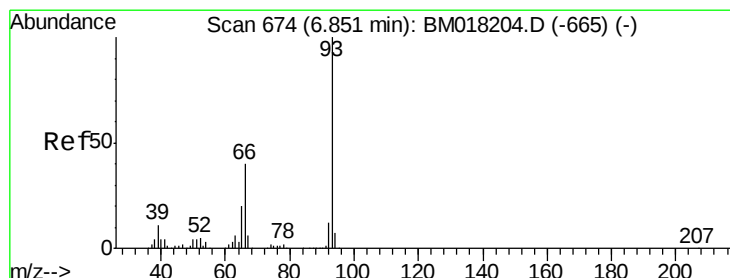
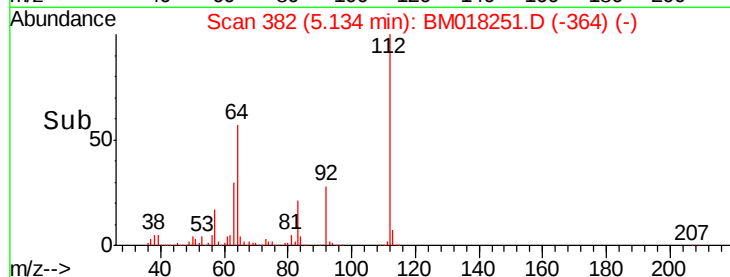
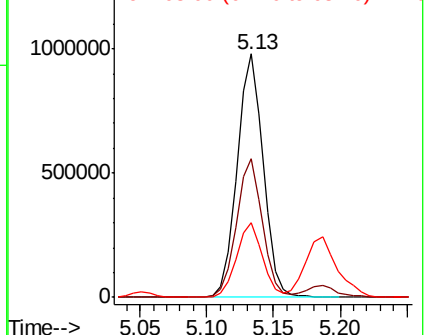
63 30.5 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC



#6

Aniline

Concen: 28.635 ng

RT: 6.85 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

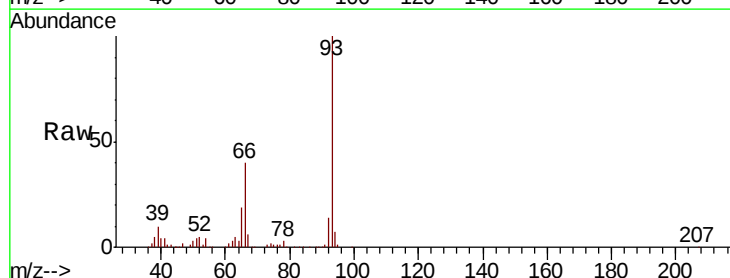
Tgt Ion: 93 Resp: 464435

Ion Ratio Lower Upper

93 100

66 39.6 32.3 48.5

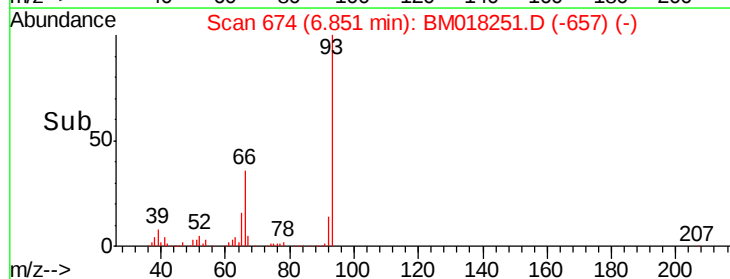
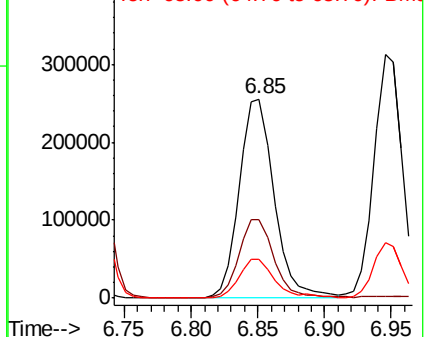
65 19.5 16.2 24.4

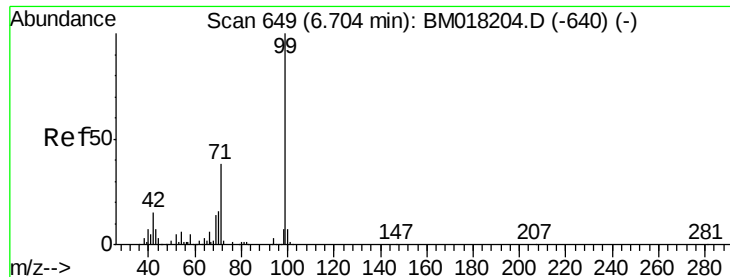


Abundance Ion 93.00 (92.70 to 93.70): BMC

Ion 66.00 (65.70 to 66.70): BMC

Ion 65.00 (64.70 to 65.70): BMC





#7

Phenol-d6

Concen: 132.600 ng

RT: 6.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

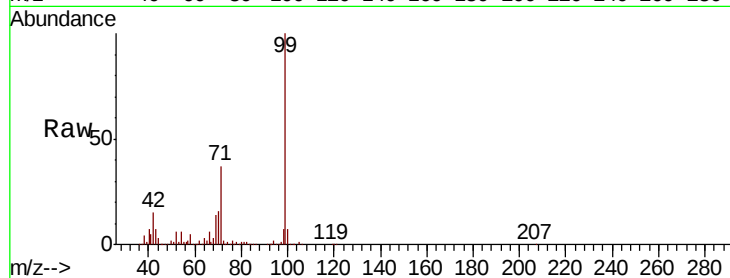
Tgt Ion: 99 Resp: 1714421

Ion Ratio Lower Upper

99 100

42 15.4 12.3 18.5

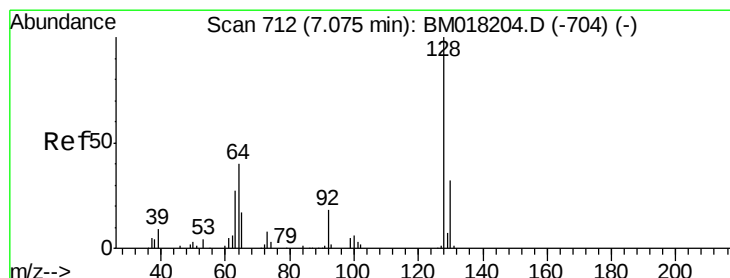
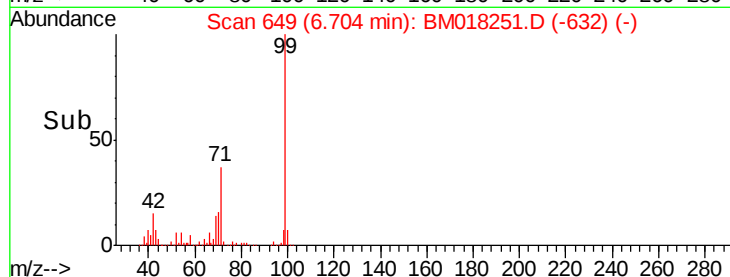
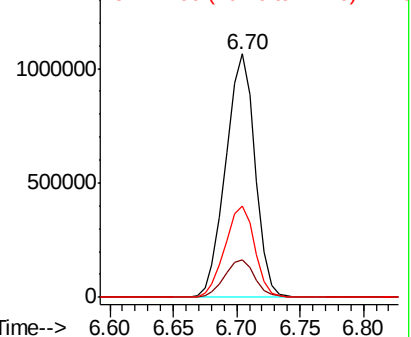
71 37.3 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018204.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018204.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018204.D (-640) (-)



#8

2-Chlorophenol

Concen: 43.765 ng

RT: 7.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

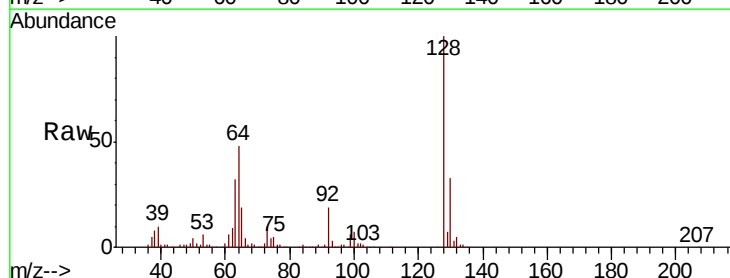
Tgt Ion: 128 Resp: 481007

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

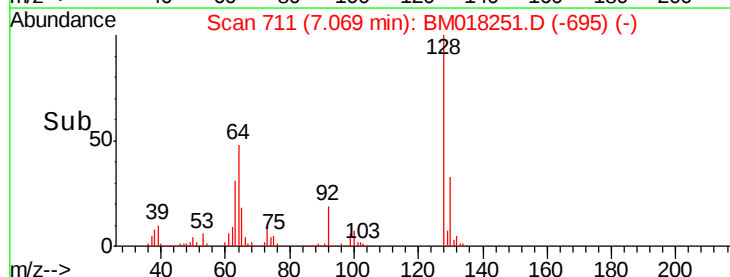
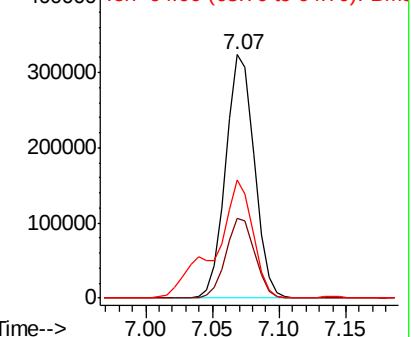
64 48.4 24.1 64.1

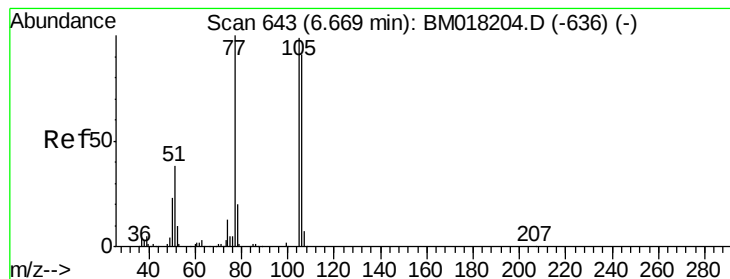


Abundance Ion 128.00 (127.70 to 128.70): BM018204.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BM018204.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BM018204.D (-704) (-)





#9

Benzaldehyde

Concen: 19.786 ng

RT: 6.66 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

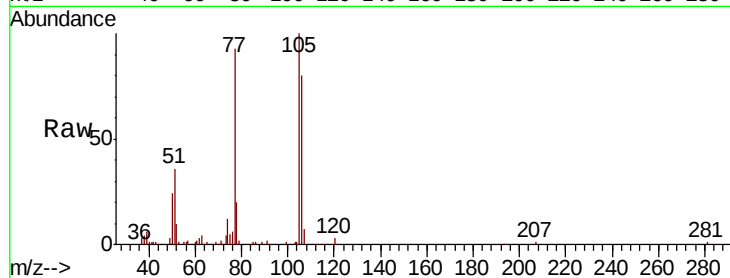
Tgt Ion: 77 Resp: 155928

Ion Ratio Lower Upper

77 100

105 107.2 78.8 118.8

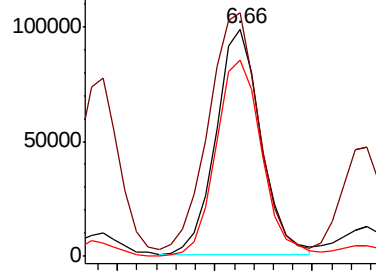
106 86.2 70.7 110.7



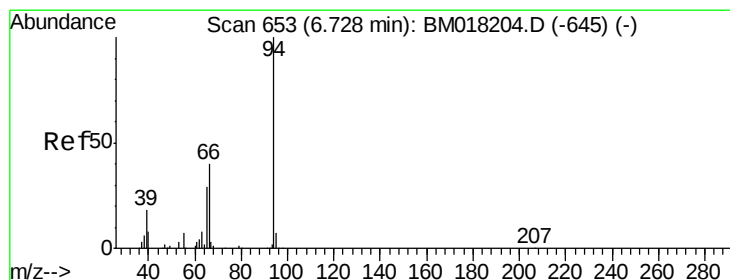
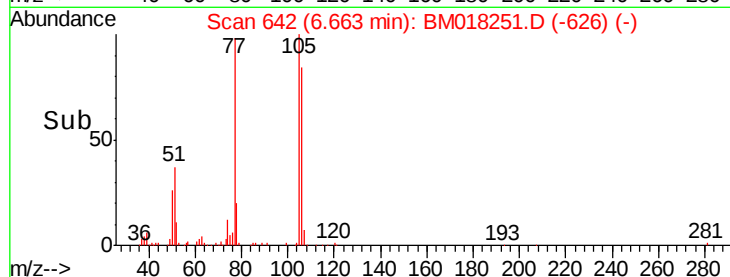
Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-636) (-)

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: 51.737 ng

RT: 6.73 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

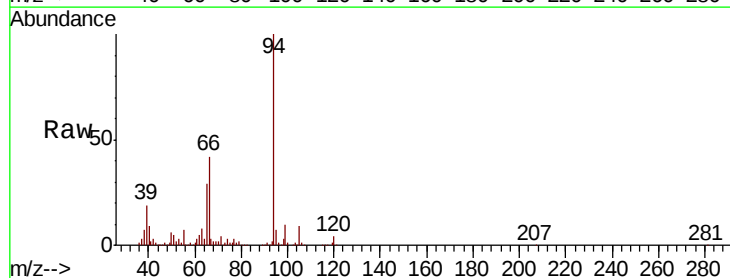
Tgt Ion: 94 Resp: 708419

Ion Ratio Lower Upper

94 100

65 28.7 9.5 49.5

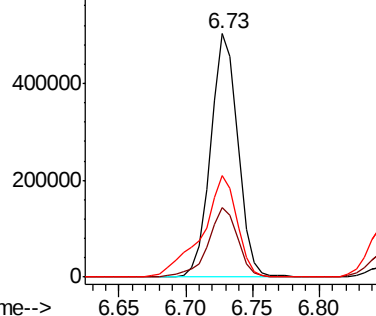
66 41.7 21.3 61.3



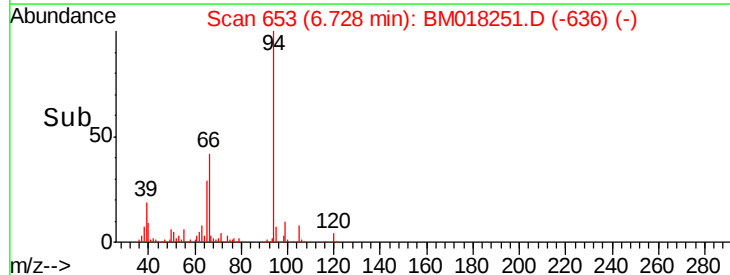
Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

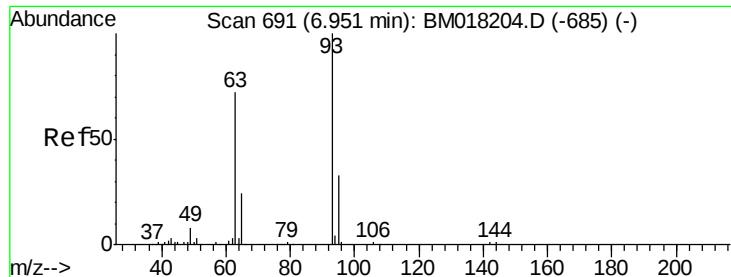
Ion 65.00 (64.70 to 65.70): BM018204.D (-645) (-)

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



Time-->

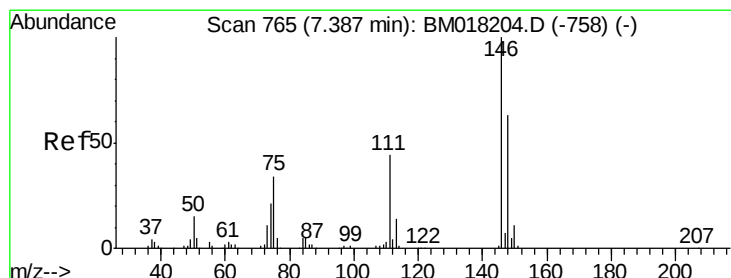
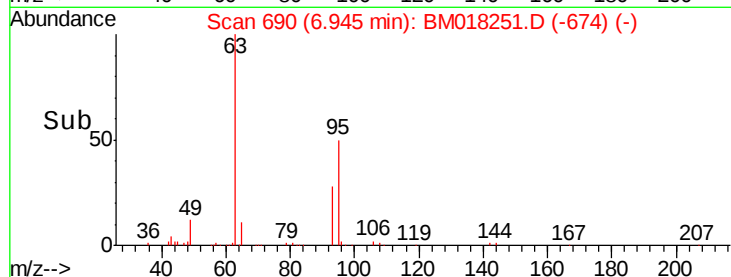
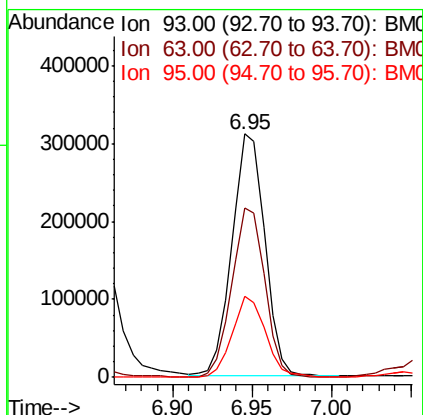
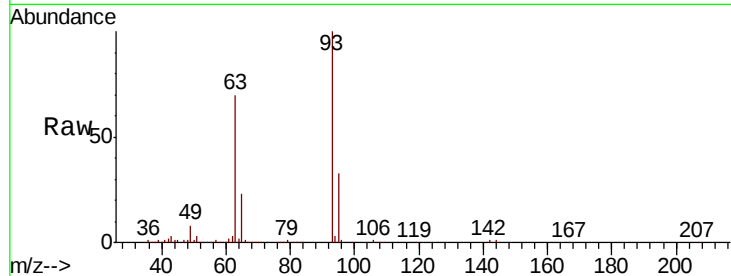




#11
bis(2-Chloroethyl)ether
Concen: 41.424 ng
RT: 6.95 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

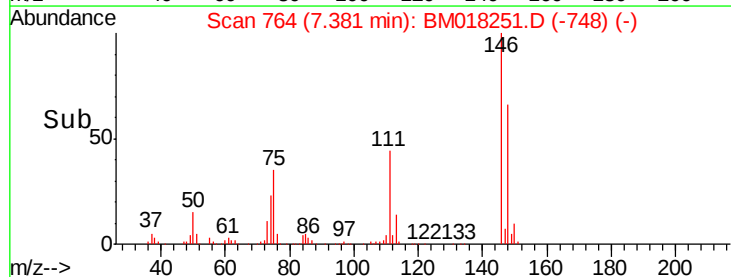
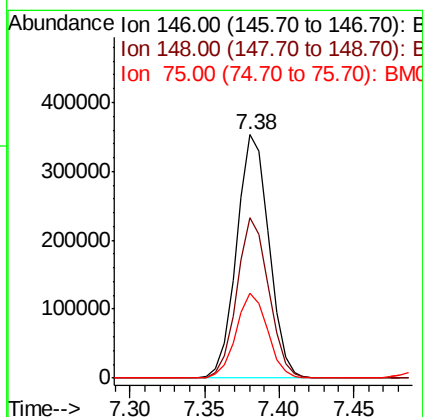
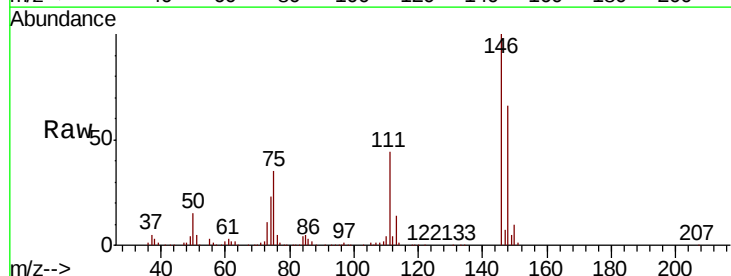
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

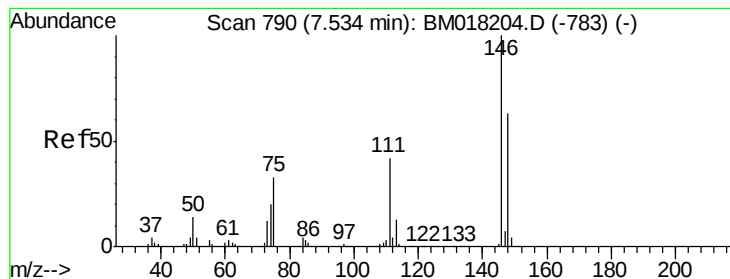
Tgt Ion: 93 Resp: 450789
Ion Ratio Lower Upper
93 100
63 69.7 51.7 91.7
95 33.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 43.274 ng
RT: 7.38 min Scan# 764
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion: 146 Resp: 531100
Ion Ratio Lower Upper
146 100
148 65.8 50.6 76.0
75 34.7 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 66.169 ng

RT: 7.53 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

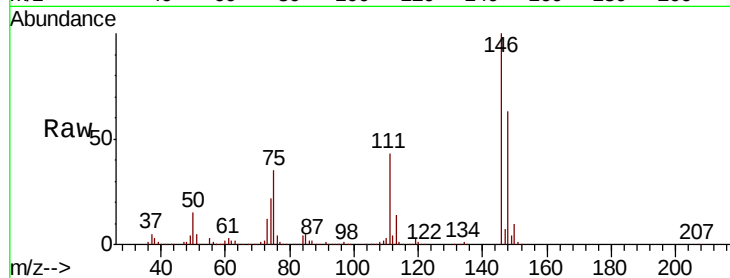
Tgt Ion:146 Resp: 824647

Ion Ratio Lower Upper

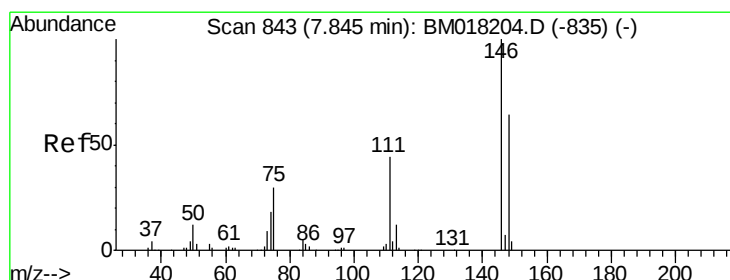
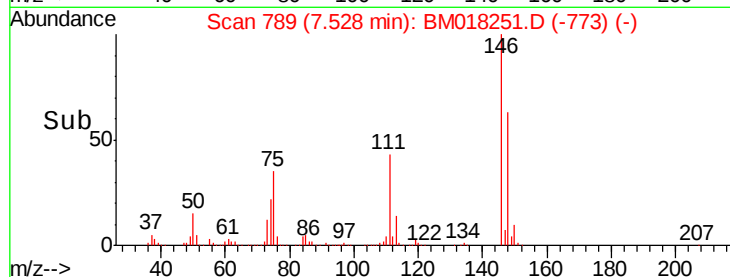
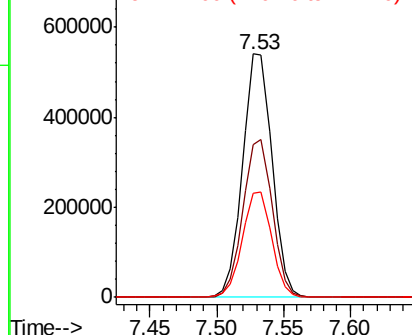
146 100

148 62.9 50.7 76.1

111 43.0 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: 41.639 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

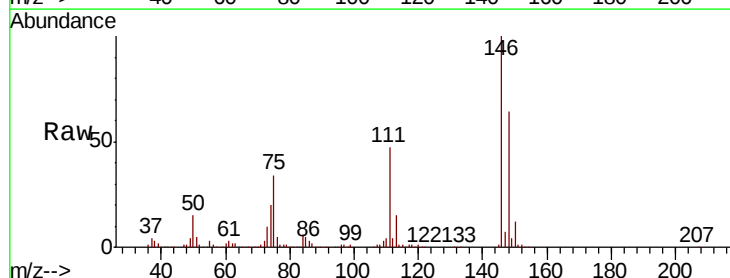
Tgt Ion:146 Resp: 500252

Ion Ratio Lower Upper

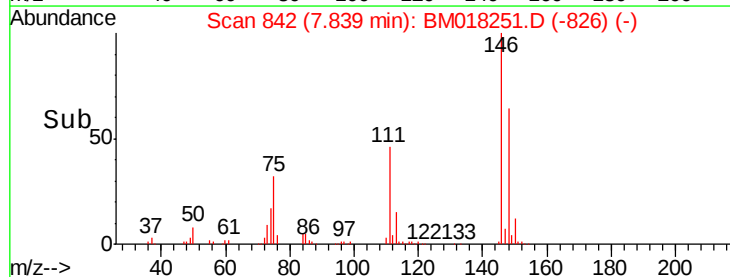
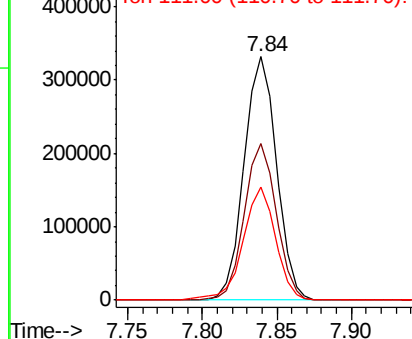
146 100

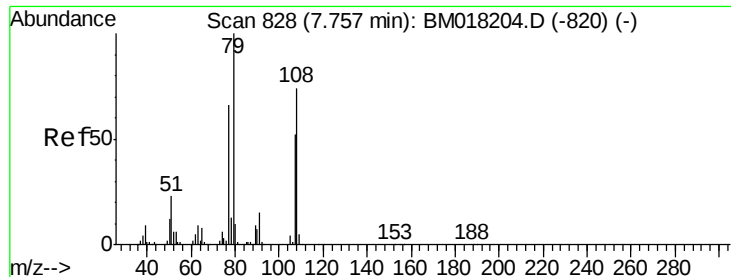
148 64.4 51.3 76.9

111 46.6 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: 40.603 ng

RT: 7.75 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

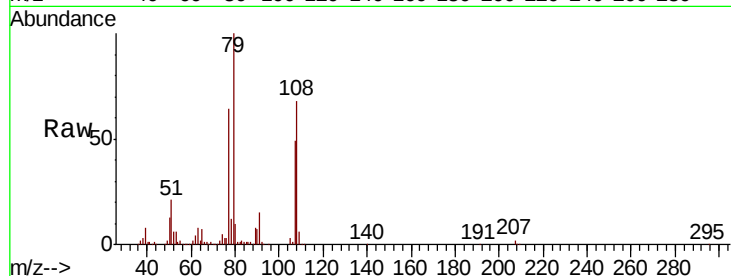
Tgt Ion: 79 Resp: 427761

Ion Ratio Lower Upper

79 100

108 68.3 59.3 88.9

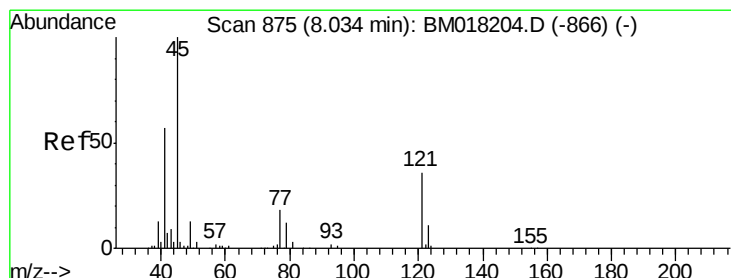
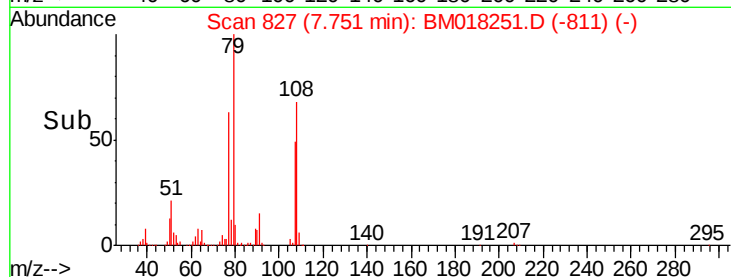
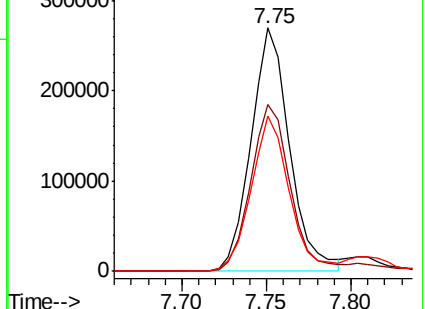
77 63.5 53.0 79.4



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: 39.099 ng

RT: 8.03 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

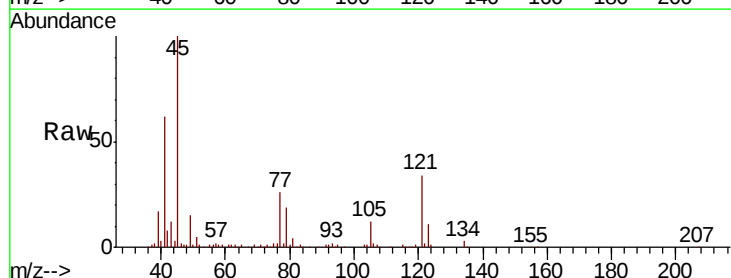
Tgt Ion: 45 Resp: 382905

Ion Ratio Lower Upper

45 100

77 25.7 2.5 42.5

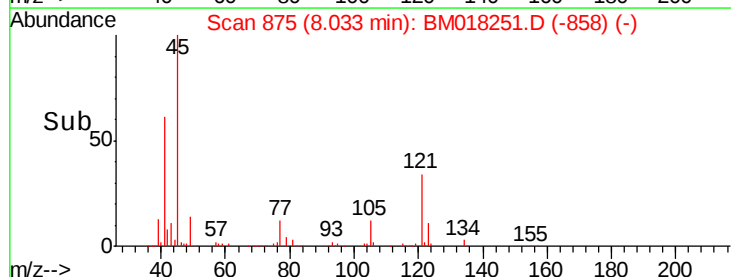
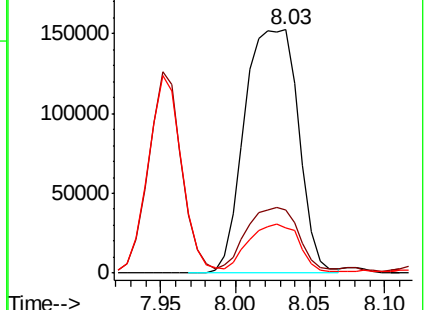
79 18.8 0.0 37.2

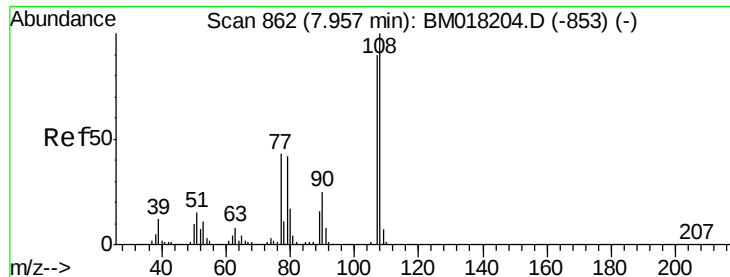


Abundance Ion 45.00 (44.70 to 45.70): BM018204.D (-866) (-)

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

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

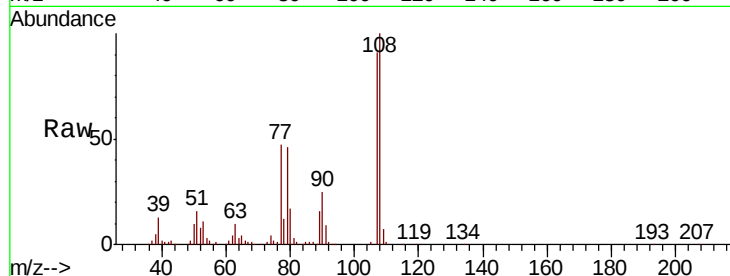




#17
2-Methylphenol
Concen: 42.760 ng
RT: 7.95 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion:	107	Resp:	390949
Ion	Ratio	Lower	Upper
107	100		
108	110.0	89.3	133.9
77	51.8	38.2	57.4
79	50.8	37.7	56.5



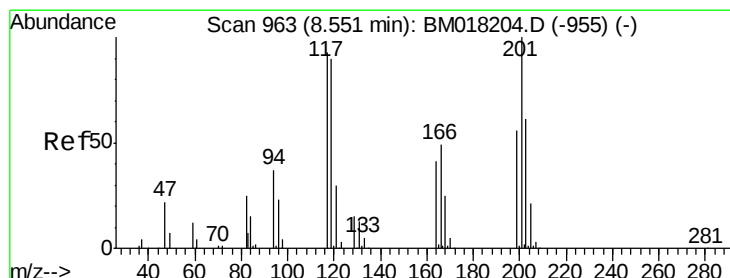
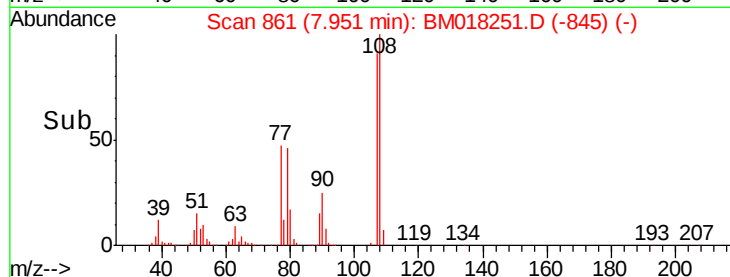
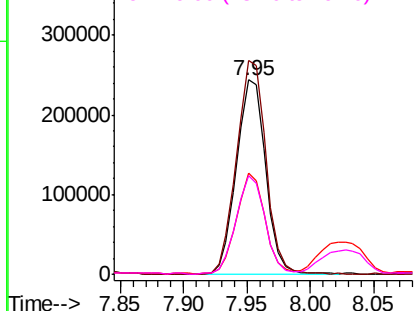
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

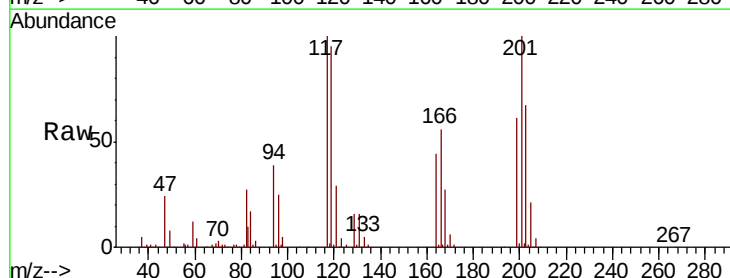
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 43.246 ng
RT: 8.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:	117	Resp:	197548
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.0	115.4
201	99.8	85.7	128.5

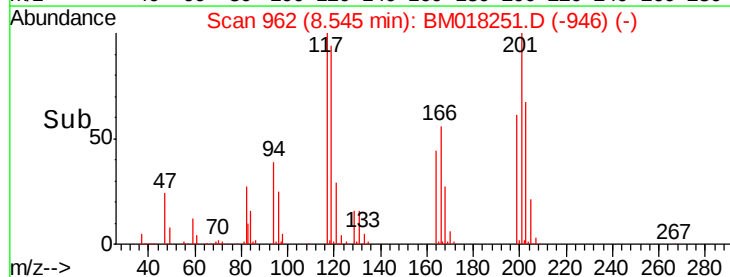
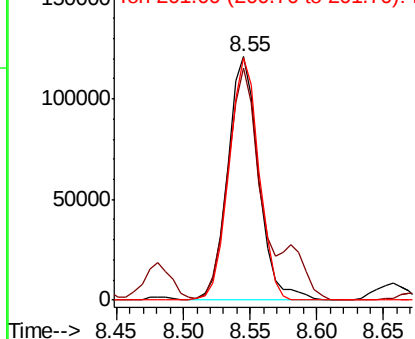


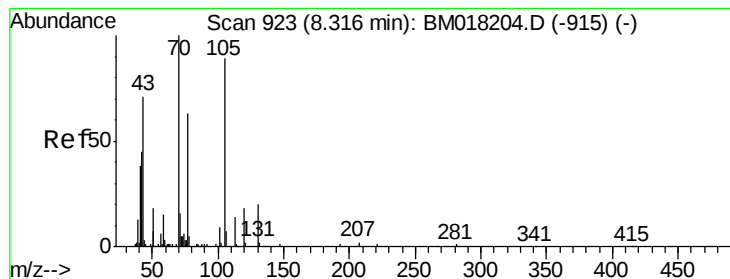
Abundance

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: 38.022 ng

RT: 8.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 70 Resp: 367058

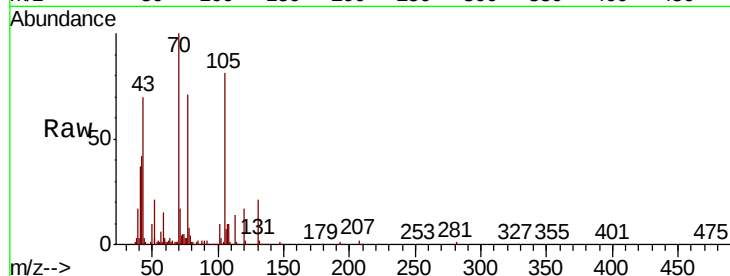
Ion Ratio Lower Upper

70 100

42 42.0 36.2 54.2

101 9.8 7.5 11.3

130 20.6 16.4 24.6

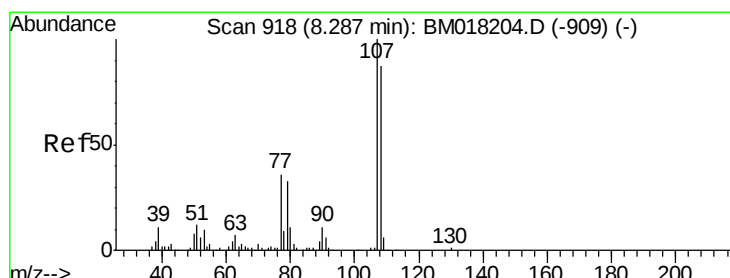
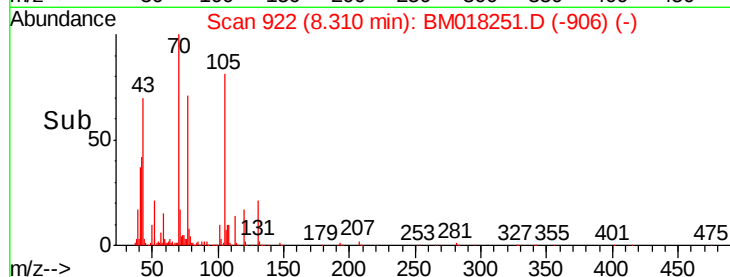
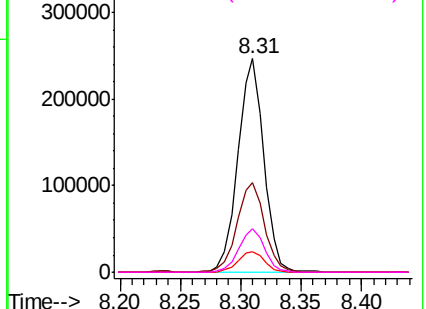


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.271 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion: 107 Resp: 515918

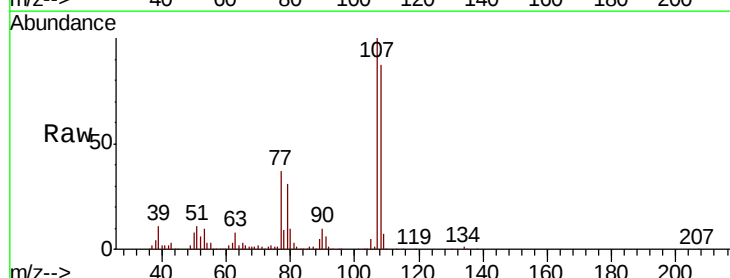
Ion Ratio Lower Upper

107 100

108 87.1 67.4 107.4

77 36.8 15.7 55.7

79 30.8 13.3 53.3

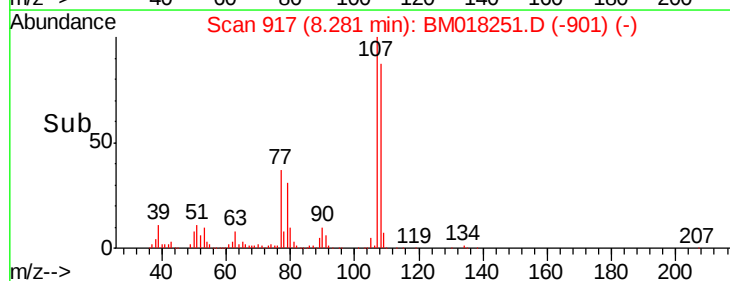
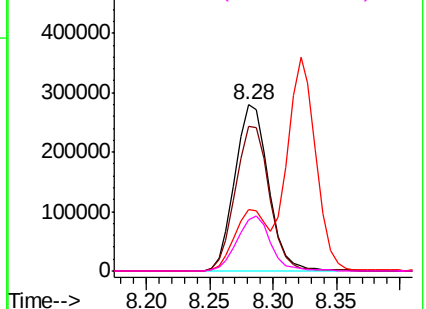


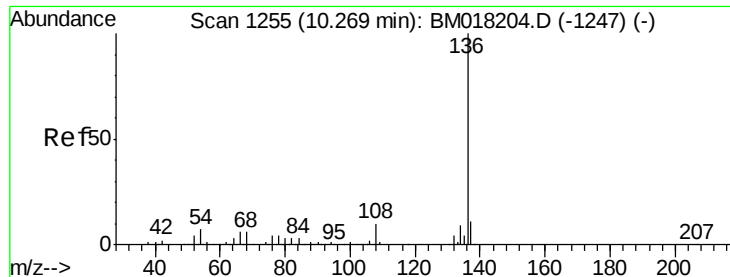
Abundance Ion 107.00 (106.70 to 107.70): E

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

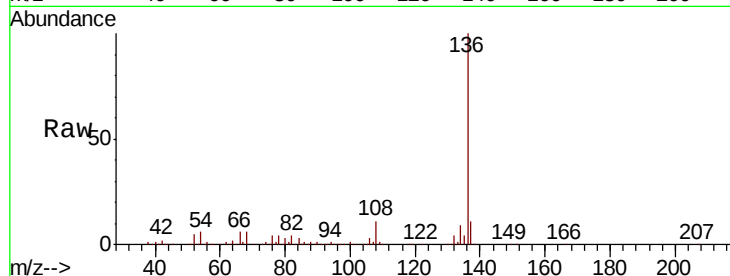




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion:	136	Resp:	565006
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.4	5.2	7.8
68	5.7	5.0	7.6



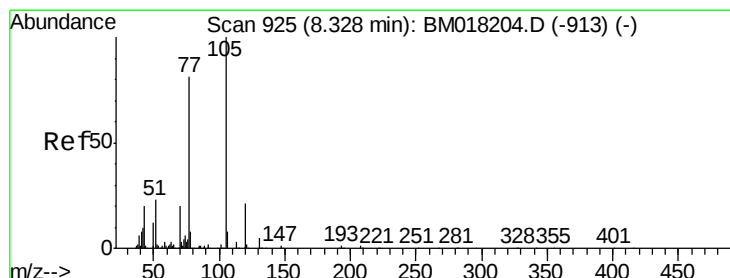
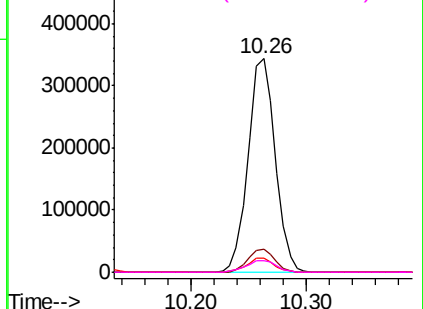
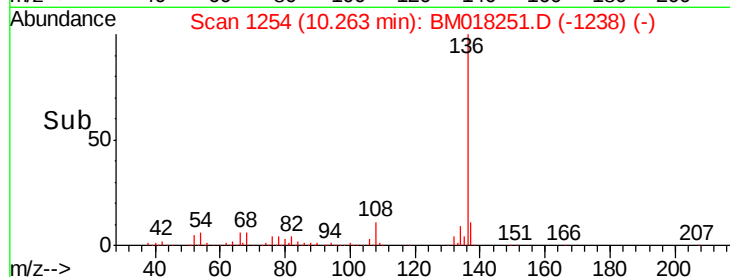
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

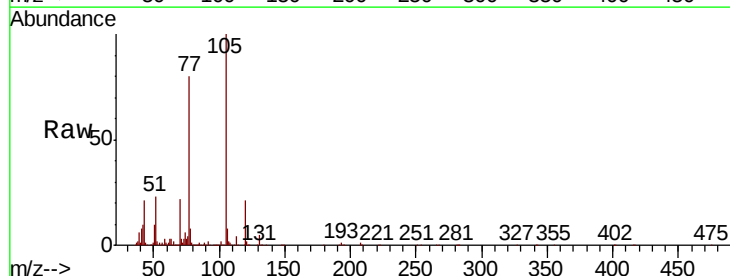
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 48.118 ng
RT: 8.32 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:	105	Resp:	719452
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.6	4.0
51	22.6	18.3	27.5
120	21.4	17.0	25.6



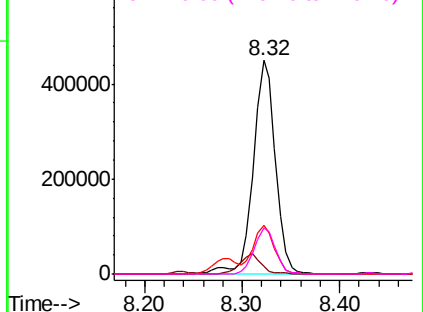
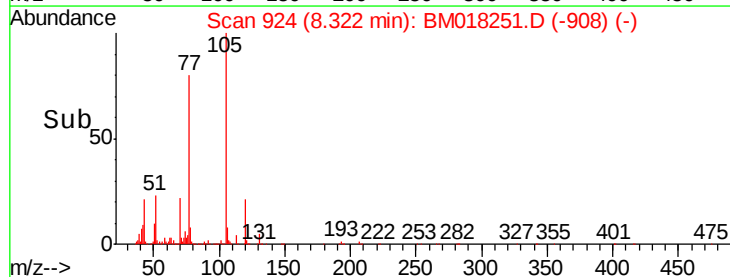
Abundance

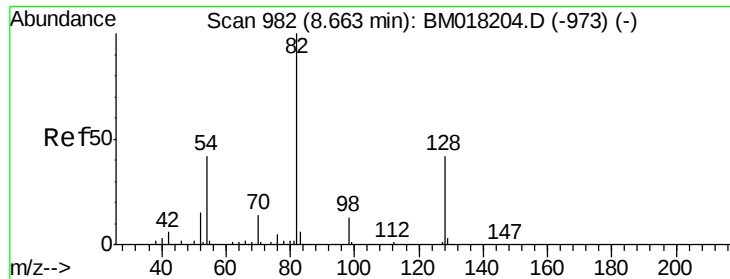
Ion 105.00 (104.70 to 105.70): E

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

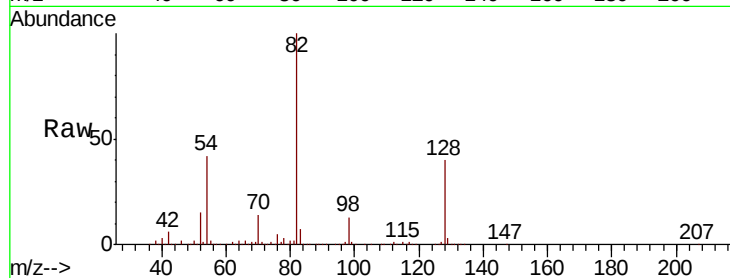




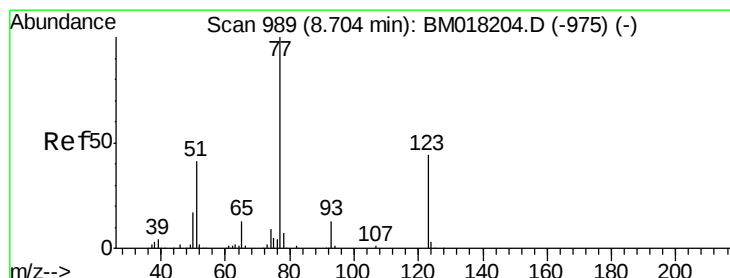
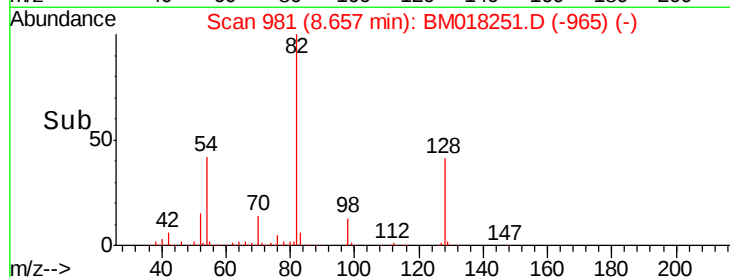
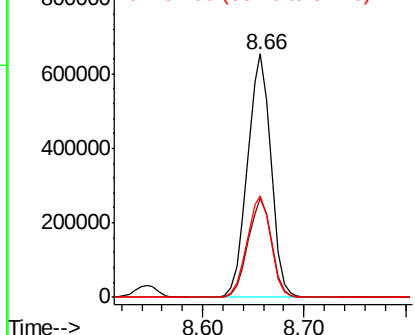
#23
 Nitrobenzene-d5
 Concen: 95.166 ng
 RT: 8.66 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

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

Tgt Ion: 82 Resp: 1048267
 Ion Ratio Lower Upper
 82 100
 128 40.4 33.4 50.2
 54 41.9 33.4 50.2

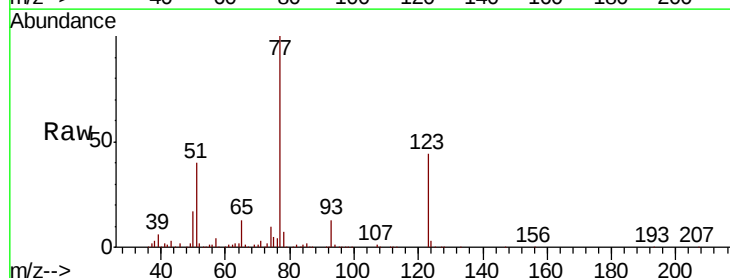


Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-973) (-)
 Ion 128.00 (127.70 to 128.70): BM018204.D (-973) (-)
 Ion 54.00 (53.70 to 54.70): BM018204.D (-973) (-)

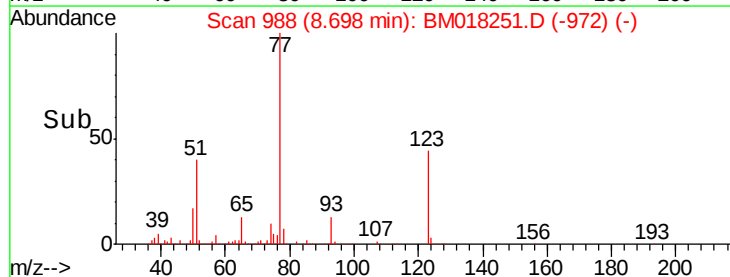
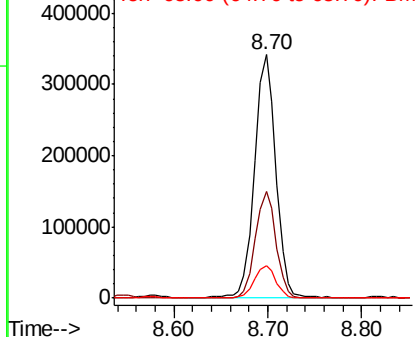


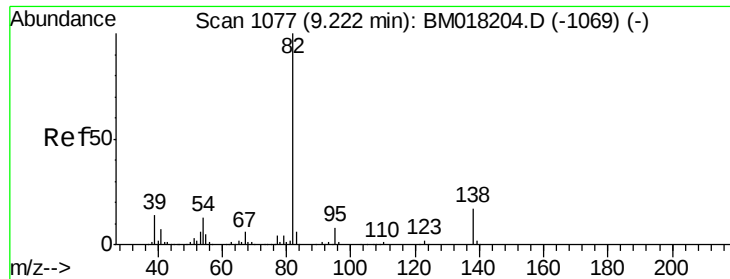
#24
 Nitrobenzene
 Concen: 48.286 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion: 77 Resp: 531449
 Ion Ratio Lower Upper
 77 100
 123 44.0 35.4 53.2
 65 13.4 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-975) (-)
 Ion 123.00 (122.70 to 123.70): BM018204.D (-975) (-)
 Ion 65.00 (64.70 to 65.70): BM018204.D (-975) (-)

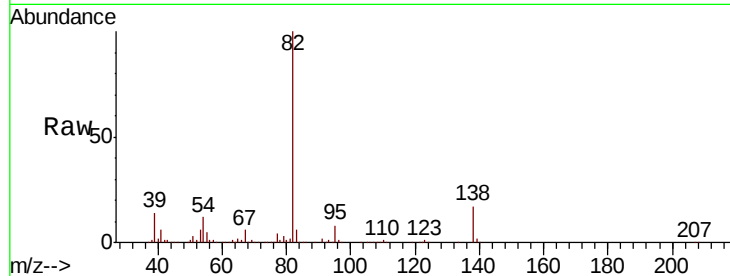




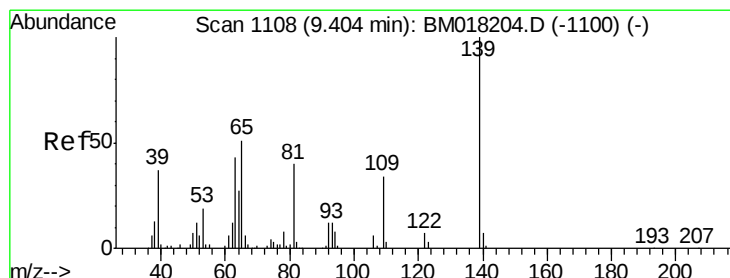
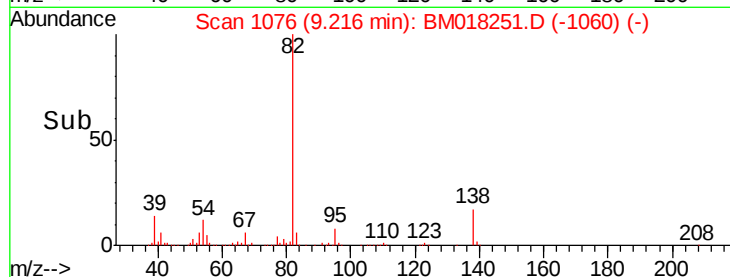
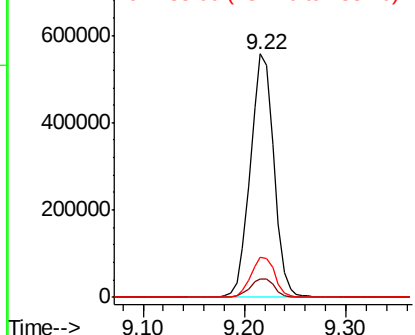
#25
Isophorone
Concen: 49.065 ng
RT: 9.22 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion: 82 Resp: 899789
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 16.5 13.9 20.9

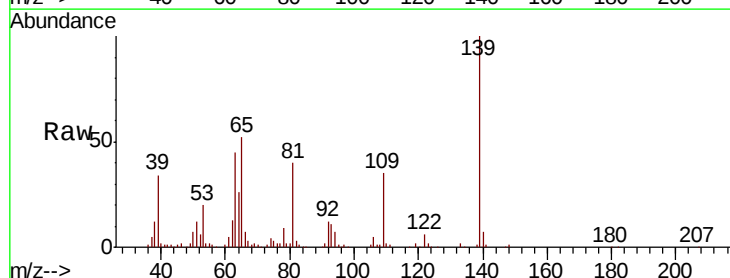


Abundance Ion 82.00 (81.70 to 82.70): BM018204.D (-1069) (-)
Ion 95.00 (94.70 to 95.70): BM018204.D (-1069) (-)
Ion 138.00 (137.70 to 138.70): BM018204.D (-1069) (-)

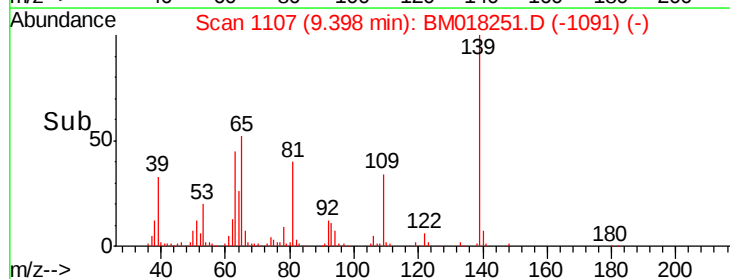
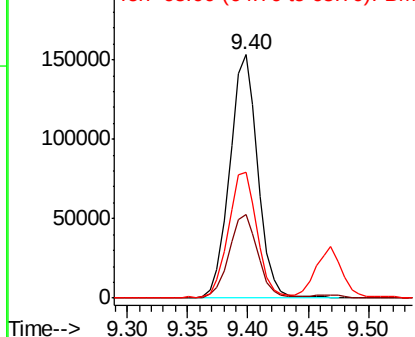


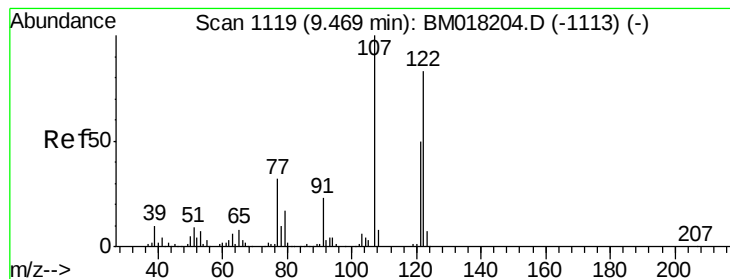
#26
2-Nitrophenol
Concen: 45.789 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion: 139 Resp: 247182
Ion Ratio Lower Upper
139 100
109 34.6 27.4 41.0
65 51.9 41.0 61.4



Abundance Ion 139.00 (138.70 to 139.70): BM018204.D (-1100) (-)
Ion 109.00 (108.70 to 109.70): BM018204.D (-1100) (-)
Ion 65.00 (64.70 to 65.70): BM018204.D (-1100) (-)





#27

2,4-Dimethylphenol

Concen: 53.101 ng

RT: 9.47 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

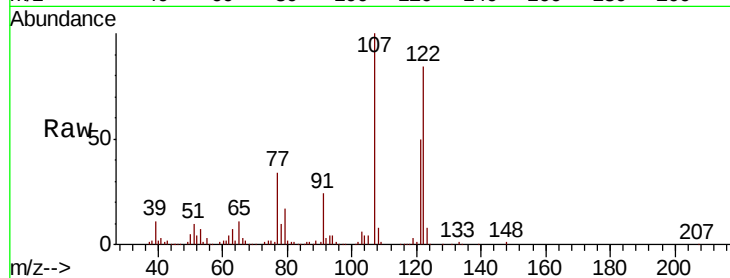
Tgt Ion:122 Resp: 413129

Ion Ratio Lower Upper

122 100

107 119.5 96.5 144.7

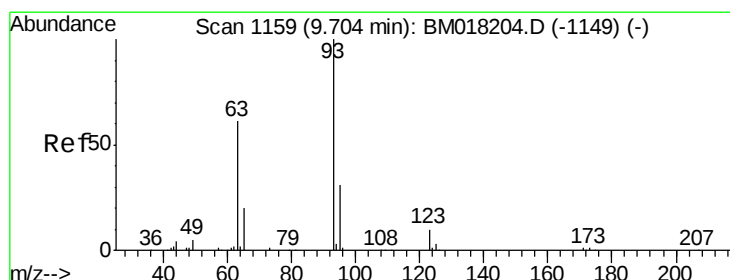
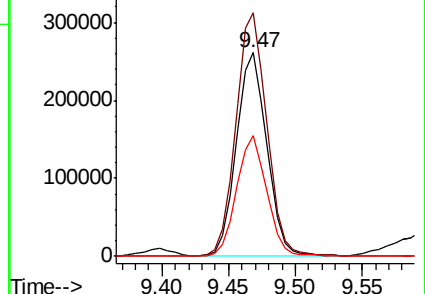
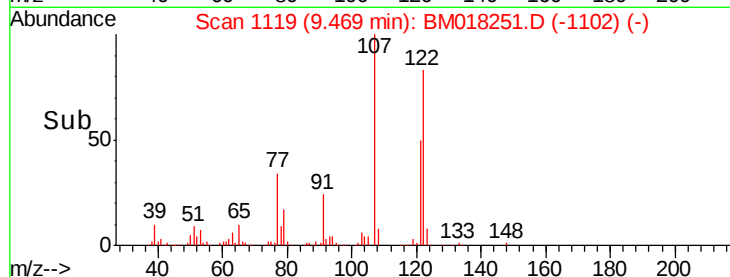
121 59.3 48.2 72.4



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: 47.168 ng

RT: 9.70 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

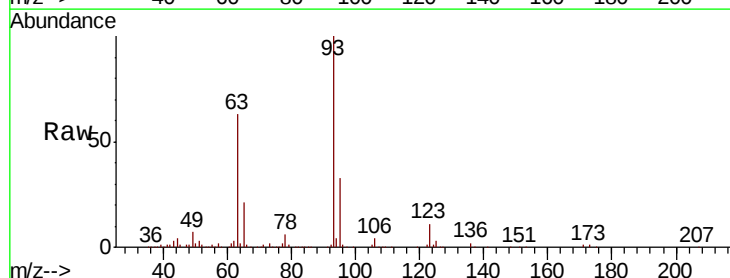
Tgt Ion: 93 Resp: 563851

Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

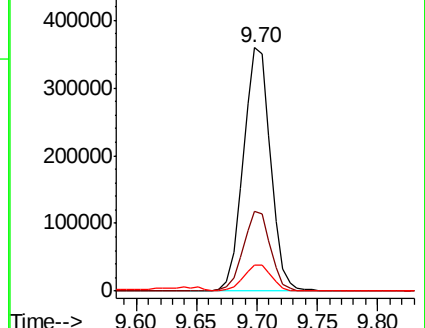
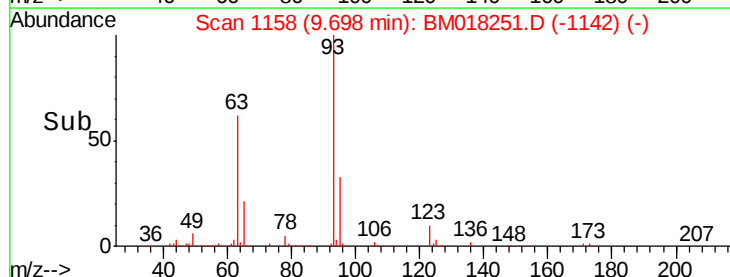
123 10.6 9.3 13.9

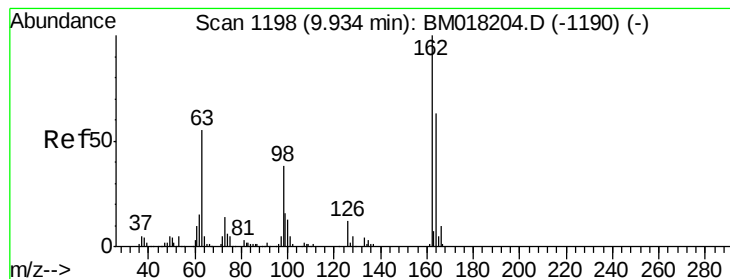


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.874 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

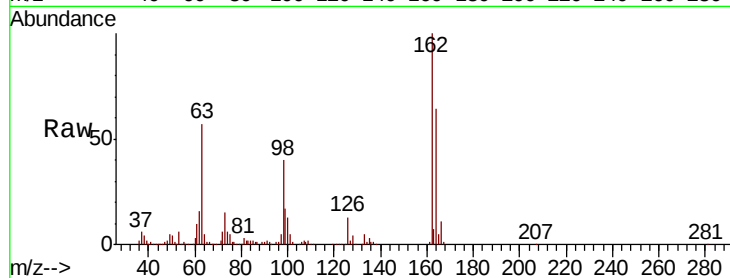
Tgt Ion:162 Resp: 395709

Ion Ratio Lower Upper

162 100

164 63.9 43.0 83.0

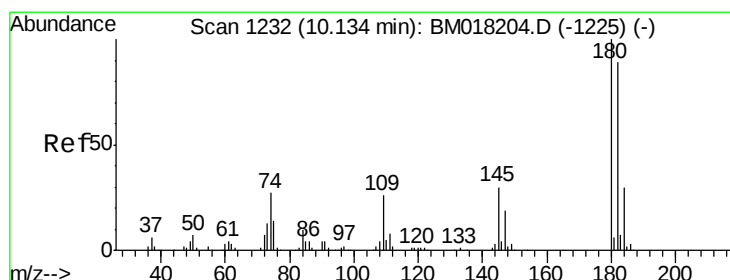
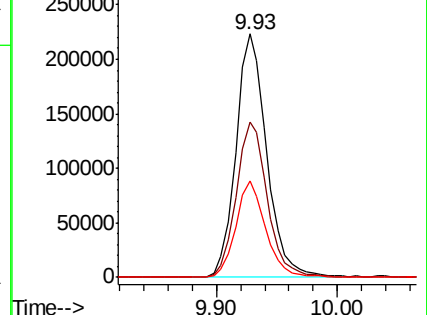
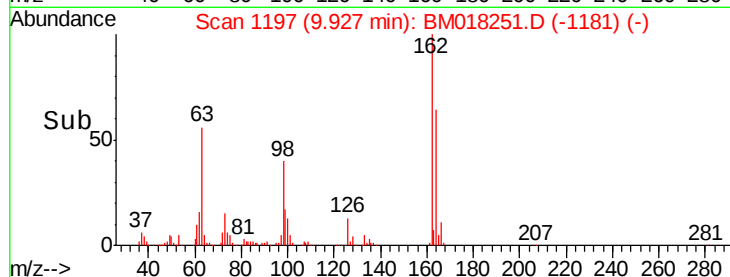
98 39.8 18.3 58.3



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: 45.263 ng

RT: 10.13 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

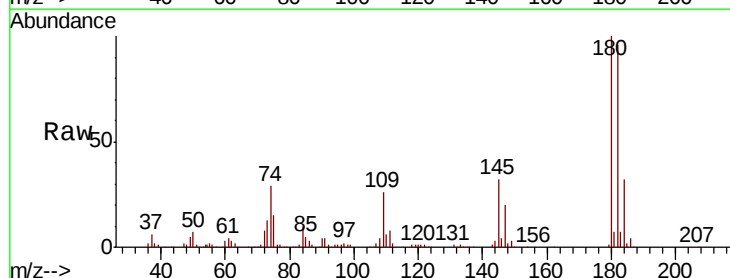
Tgt Ion:180 Resp: 444117

Ion Ratio Lower Upper

180 100

182 95.7 71.4 107.2

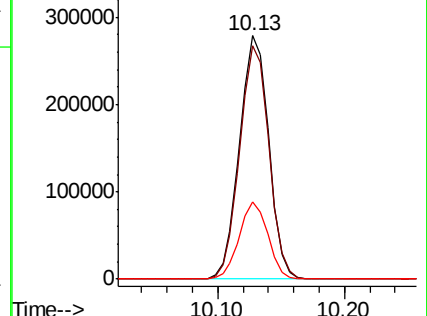
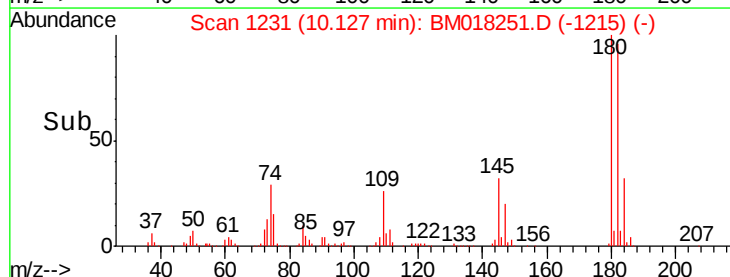
145 31.9 24.4 36.6

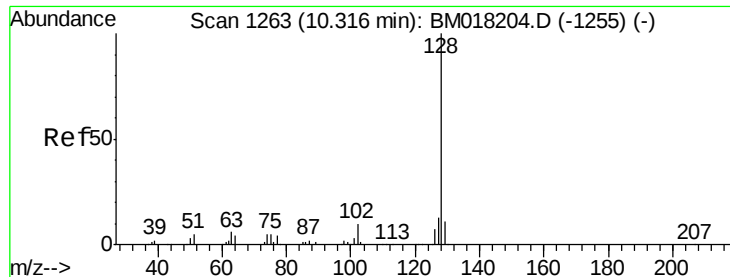


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

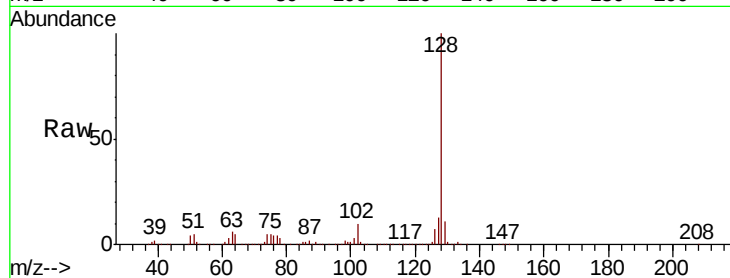




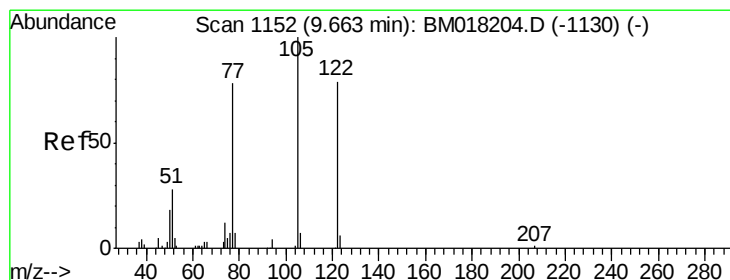
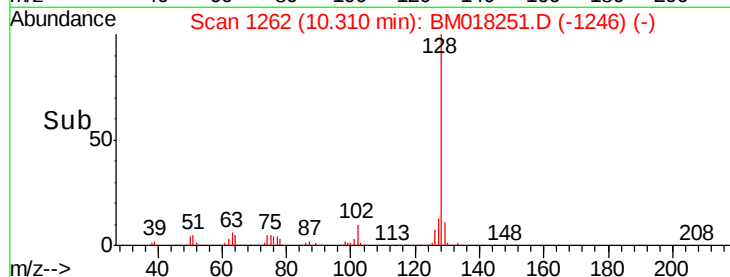
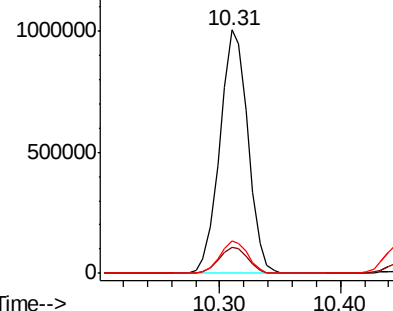
#31
Naphthalene
Concen: 58.849 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion:128 Resp: 1625840
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.4 15.6

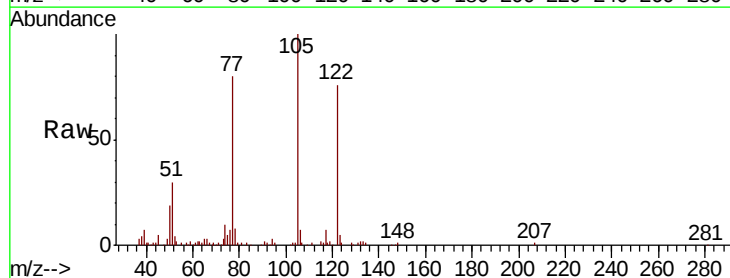


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

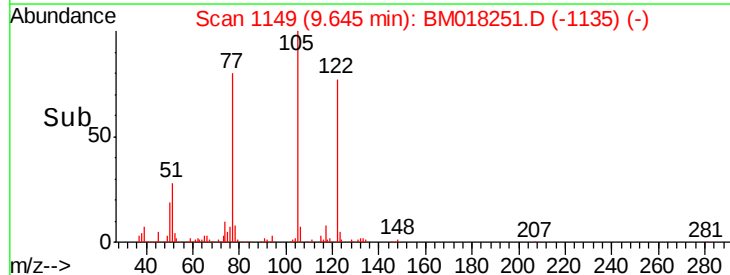
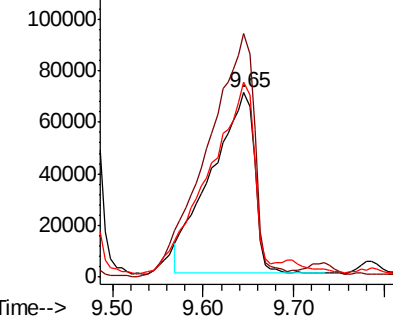


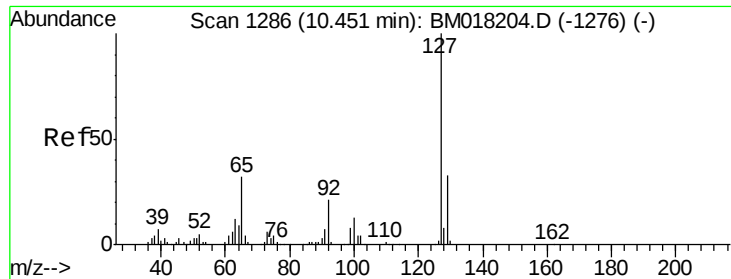
#32
Benzoic acid
Concen: 31.689 ng
RT: 9.65 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:122 Resp: 233452
Ion Ratio Lower Upper
122 100
105 132.2 104.8 144.8
77 106.2 77.7 117.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

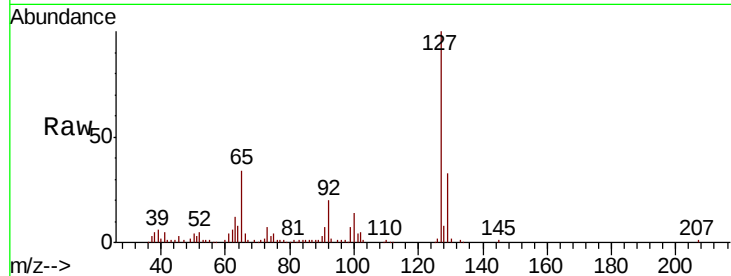




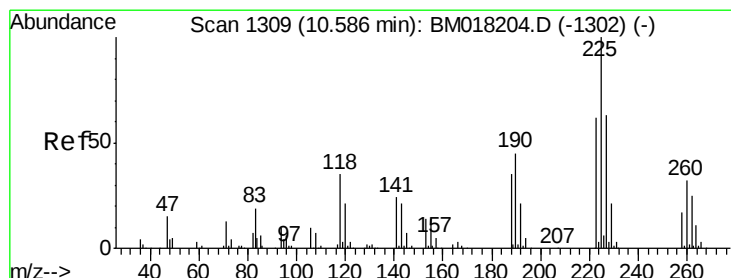
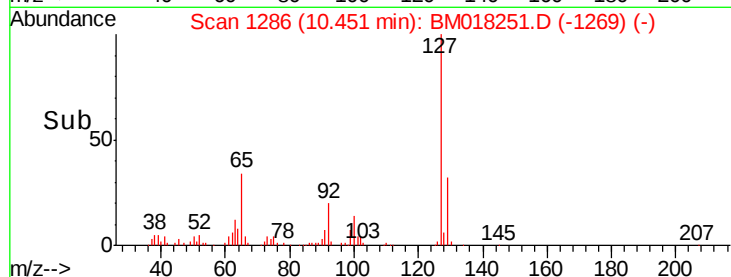
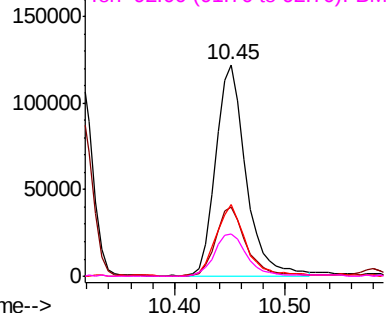
#33
4-Chloroaniline
Concen: 19.511 ng
RT: 10.45 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion:	127	Resp:	236123
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	33.8	25.6	38.4
92	19.9	17.0	25.6

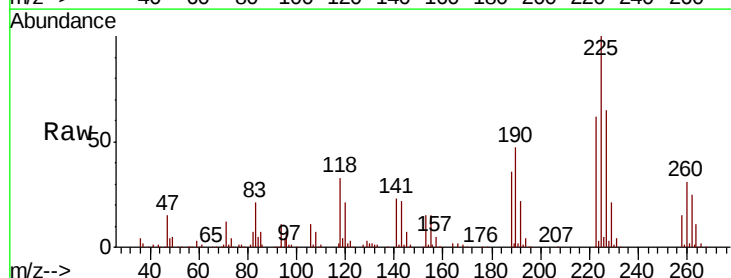


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

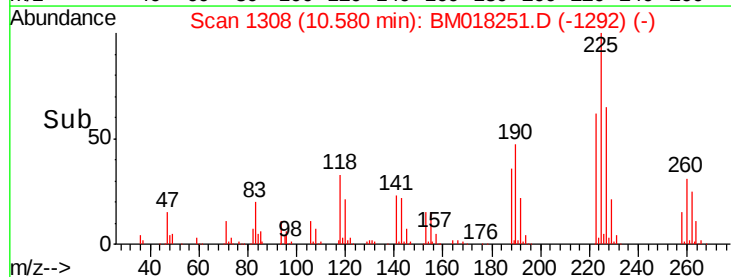
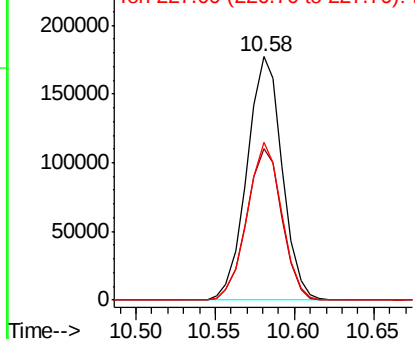


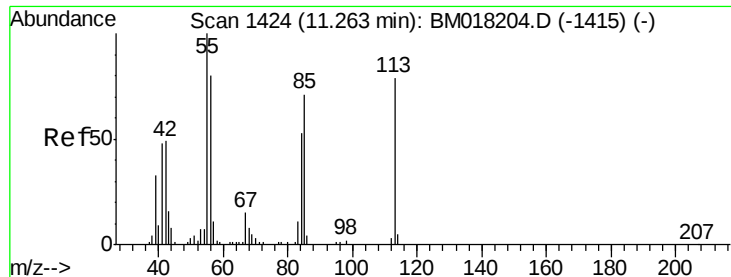
#34
Hexachlorobutadiene
Concen: 44.009 ng
RT: 10.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:	225	Resp:	273098
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.6
227	64.7	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: 32.923 ng

RT: 11.26 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

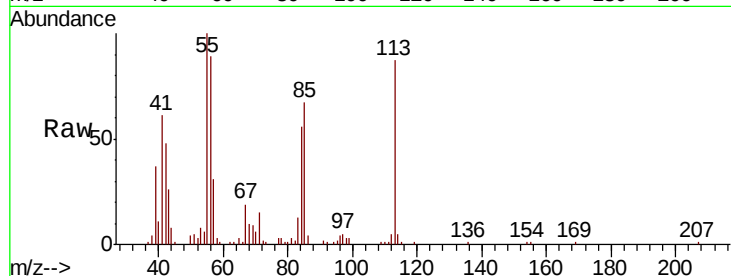
Tgt Ion:113 Resp: 108217

Ion Ratio Lower Upper

113 100

55 115.2 105.9 145.9

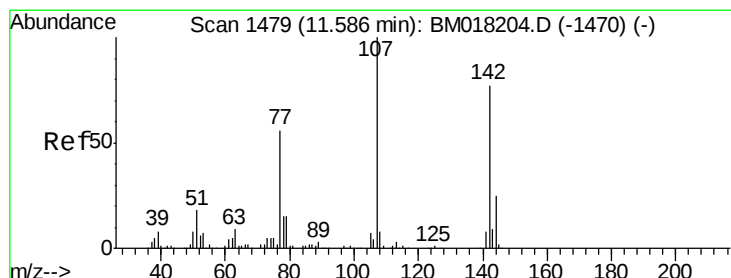
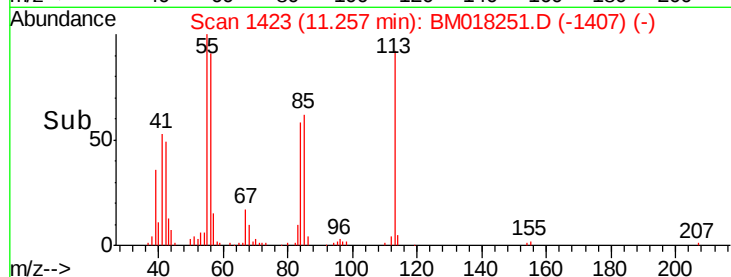
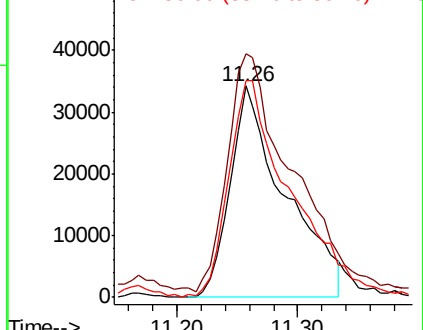
56 102.4 80.1 120.1



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: 39.405 ng

RT: 11.59 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

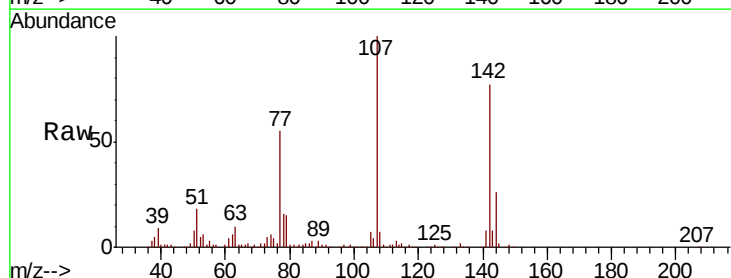
Tgt Ion:107 Resp: 408429

Ion Ratio Lower Upper

107 100

144 25.5 20.1 30.1

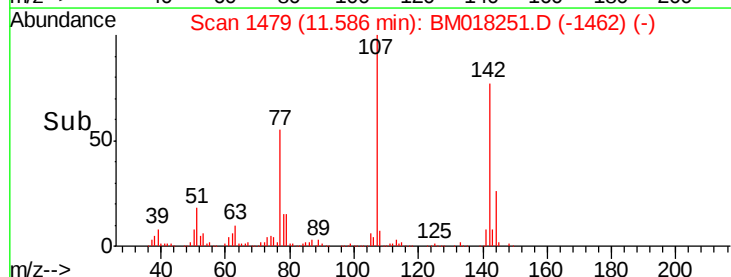
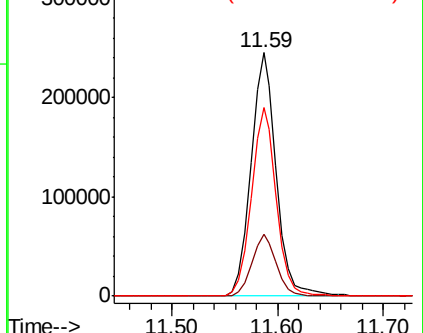
142 77.4 61.7 92.5

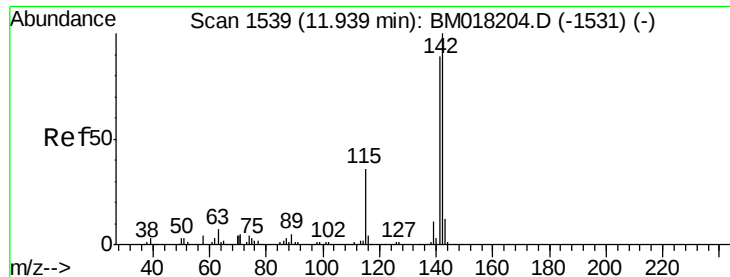


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

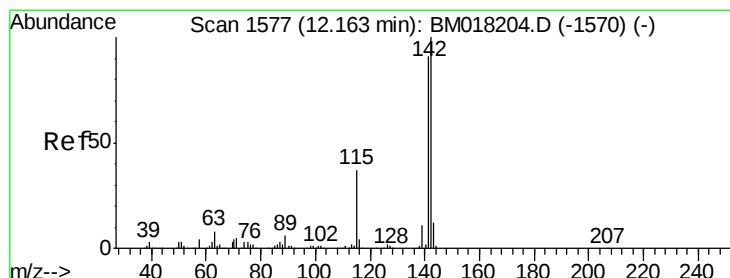
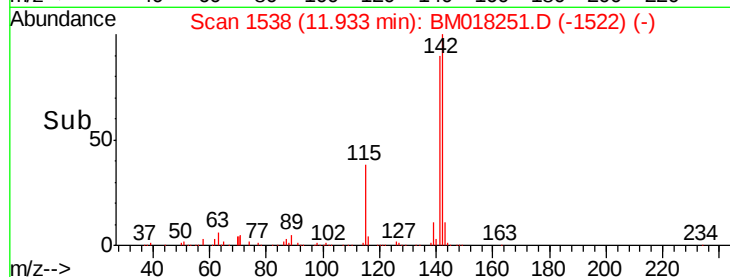
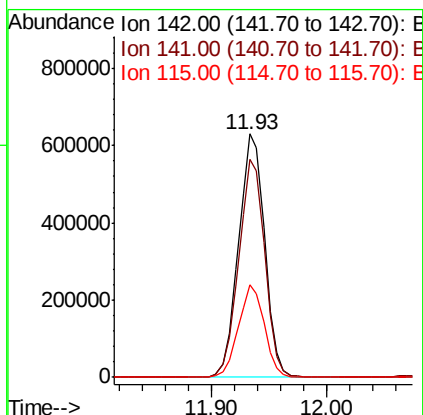
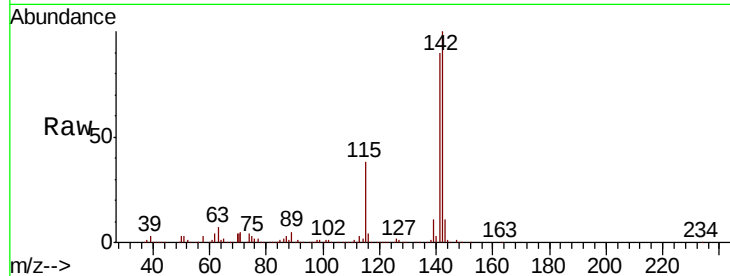




#37
 2-Methylnaphthalene
 Concen: 50.687 ng
 RT: 11.93 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

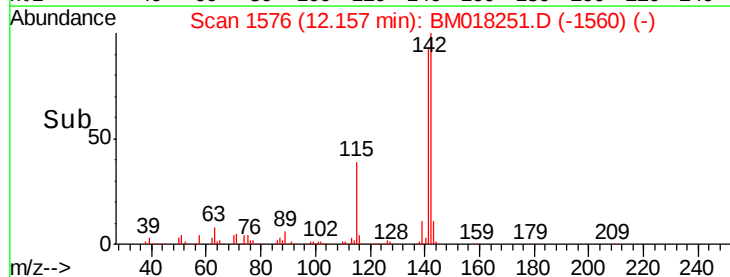
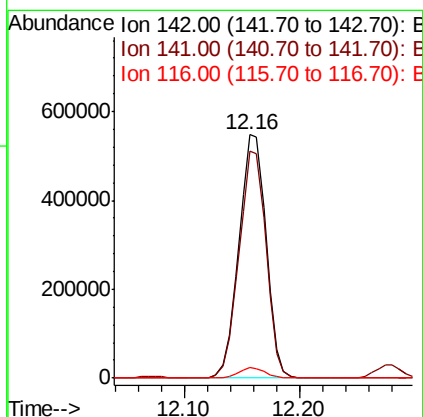
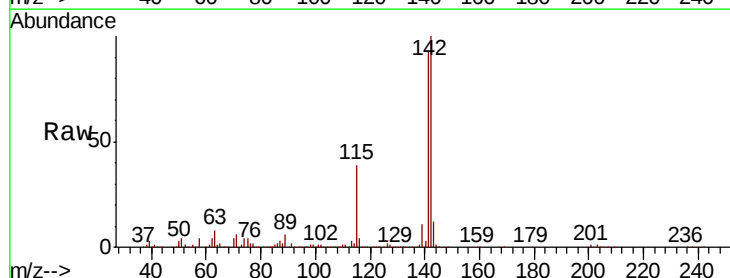
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

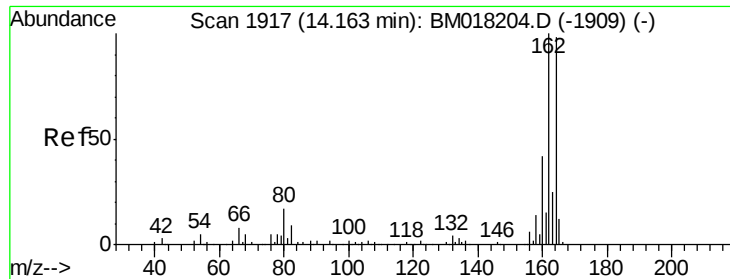
Tgt Ion:142 Resp: 987551
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.2
 115 37.8 29.0 43.6



#38
 1-Methylnaphthalene
 Concen: 47.116 ng
 RT: 12.16 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion:142 Resp: 895745
 Ion Ratio Lower Upper
 142 100
 141 93.4 73.0 109.4
 116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

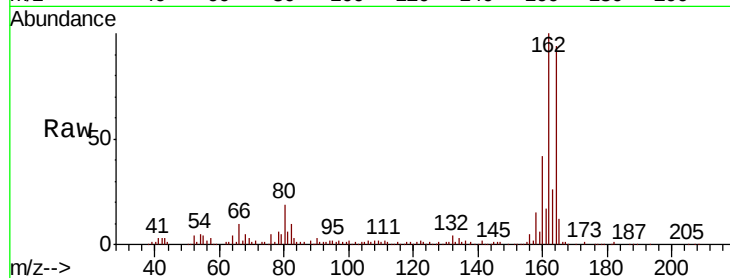
Tgt Ion:164 Resp: 251054

Ion Ratio Lower Upper

164 100

162 106.2 81.8 122.6

160 44.5 34.6 51.8

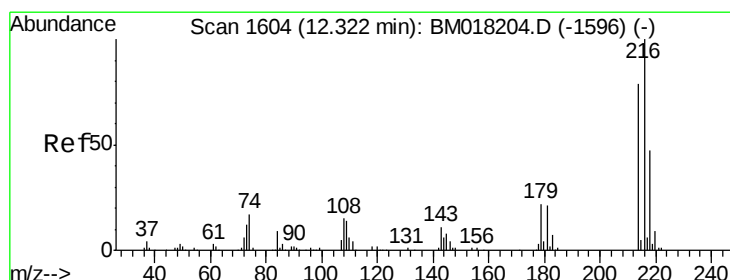
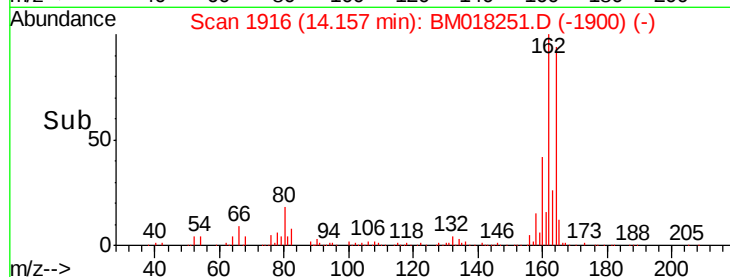
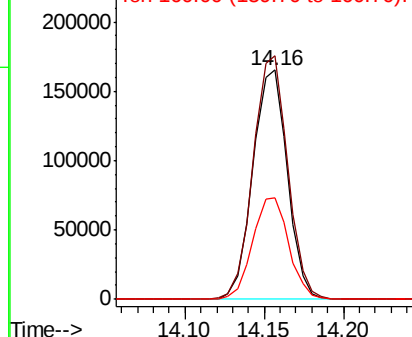


Abundance

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: 51.951 ng

RT: 12.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Tgt Ion:216 Resp: 448502

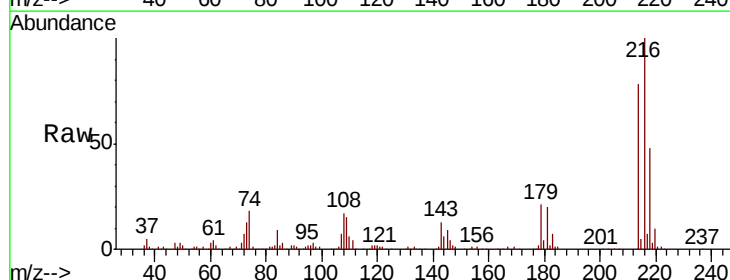
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.0

179 21.6 17.2 25.8

108 20.6 14.6 21.8



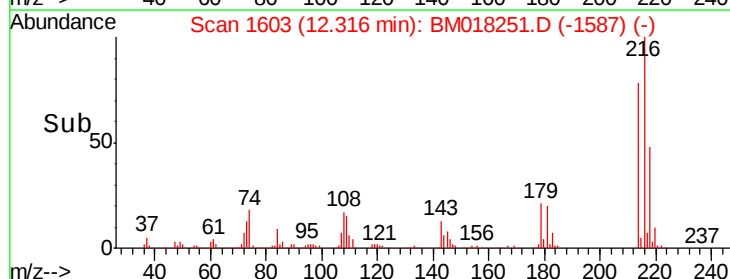
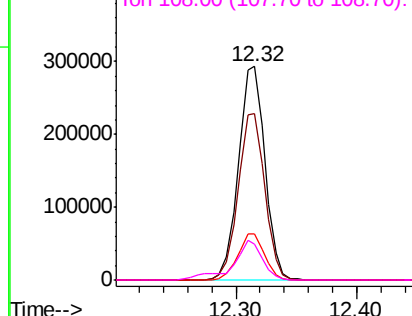
Abundance

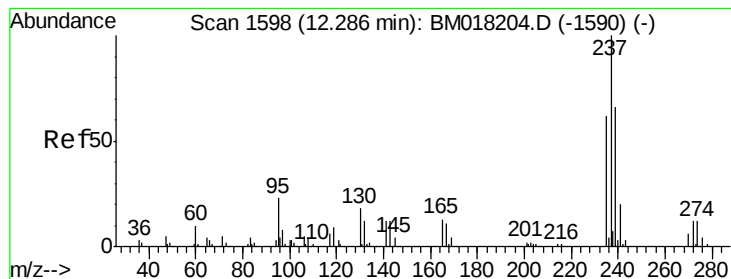
Ion 216.00 (215.70 to 216.70): E

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: 98.120 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

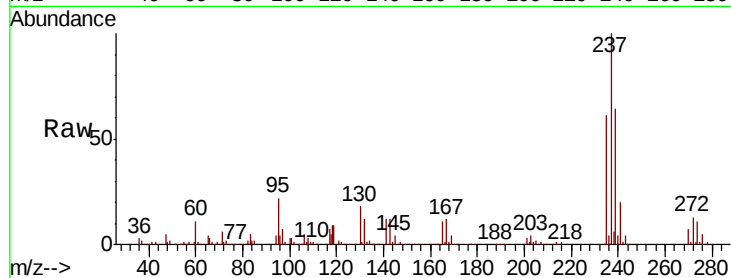
Tgt Ion: 237 Resp: 378653

Ion Ratio Lower Upper

237 100

235 61.4 42.1 82.1

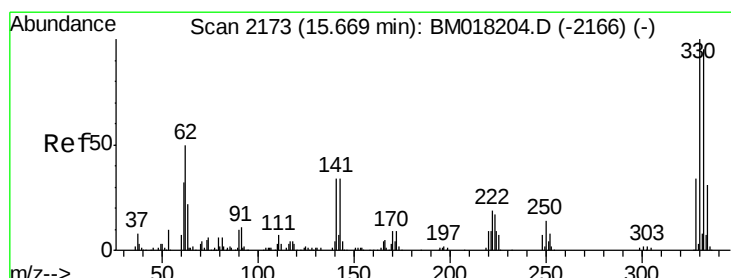
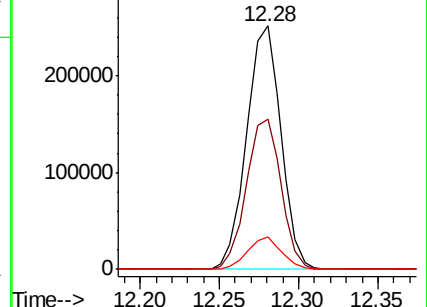
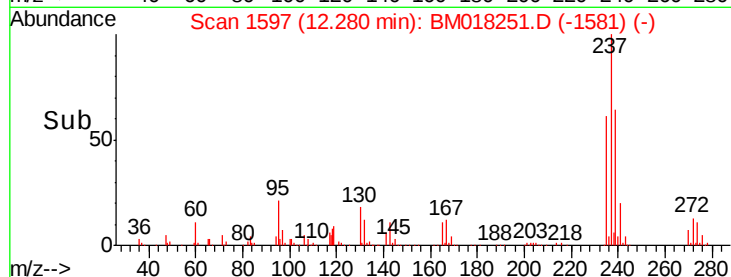
272 13.2 0.0 32.1



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: 111.117 ng

RT: 15.66 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

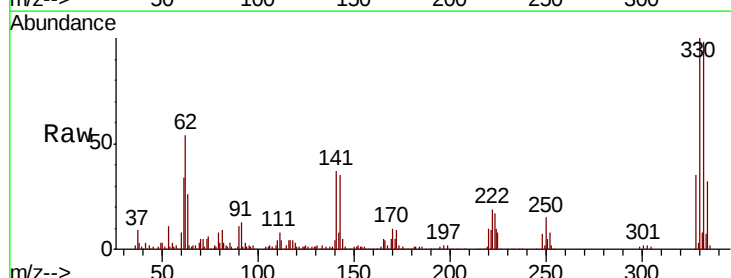
Tgt Ion: 330 Resp: 409443

Ion Ratio Lower Upper

330 100

332 97.3 78.6 118.0

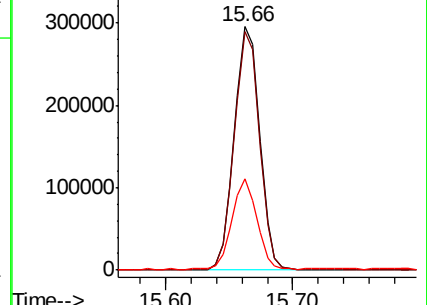
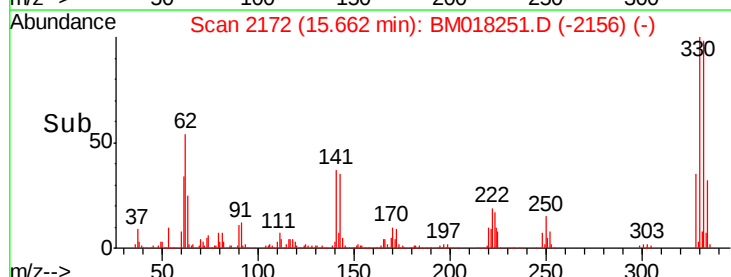
141 36.0 27.1 40.7

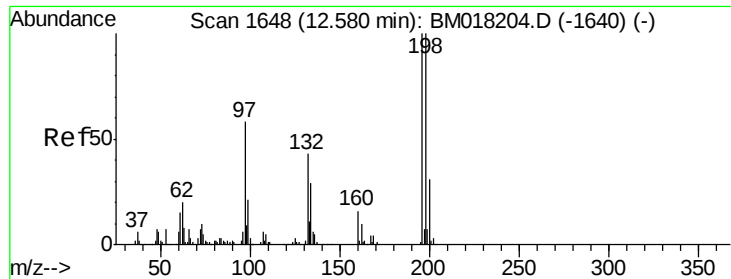


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

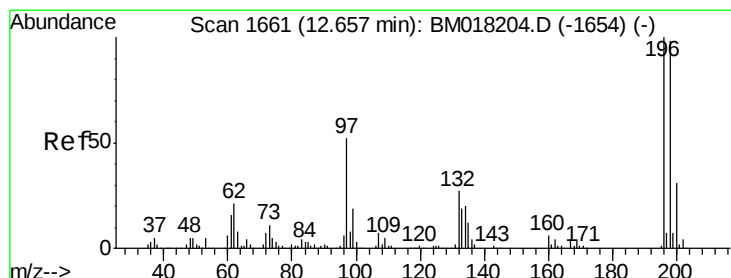
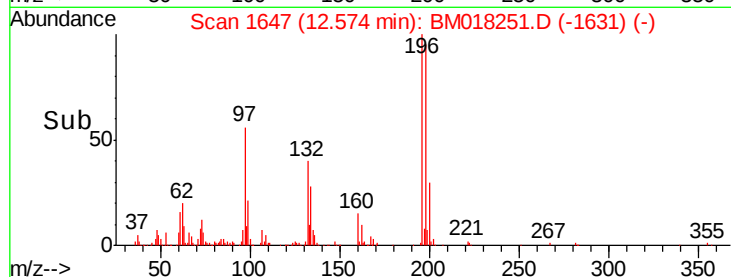
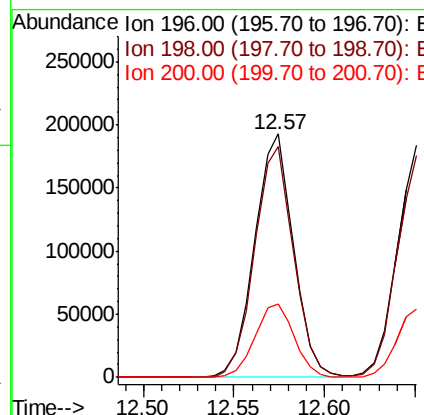
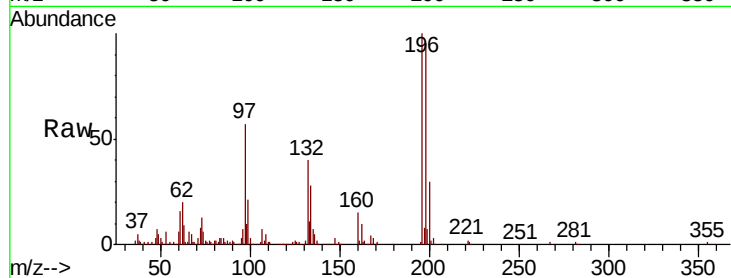




#43
 2,4,6-Trichlorophenol
 Concen: 51.515 ng
 RT: 12.57 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

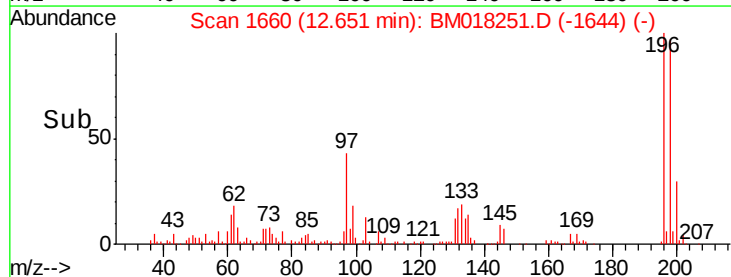
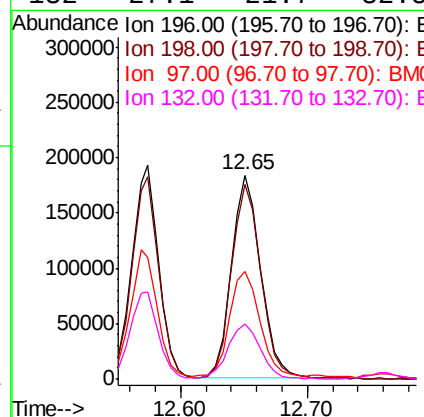
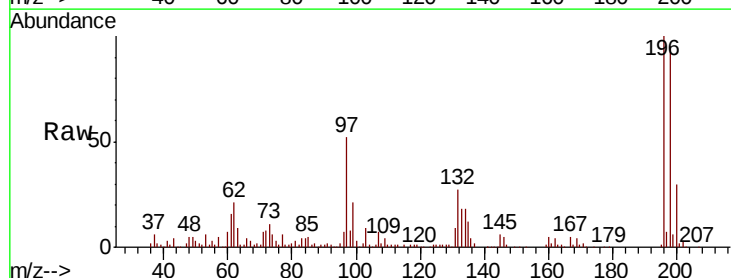
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

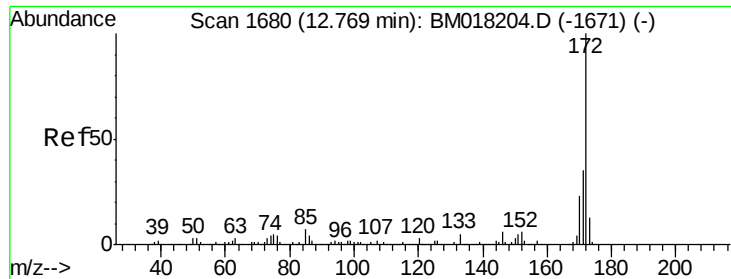
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	80.1	120.1
200	30.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.379 ng
 RT: 12.65 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.5	117.7
97	52.5	41.9	62.9
132	27.1	21.7	32.5

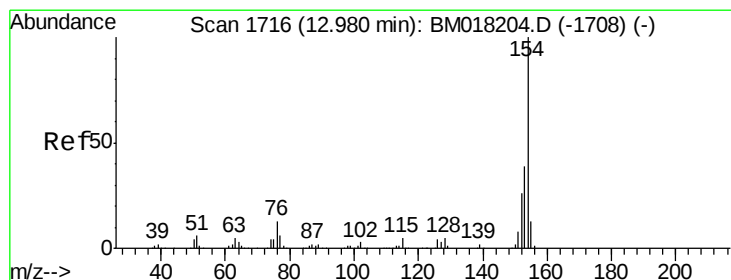
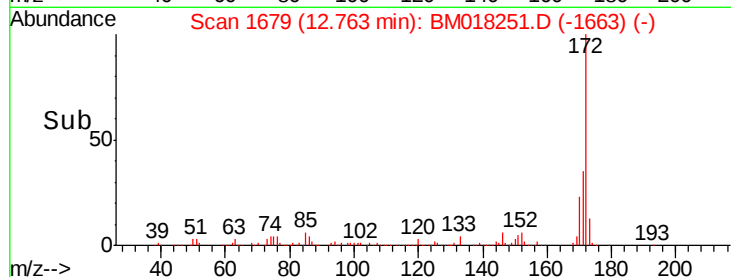
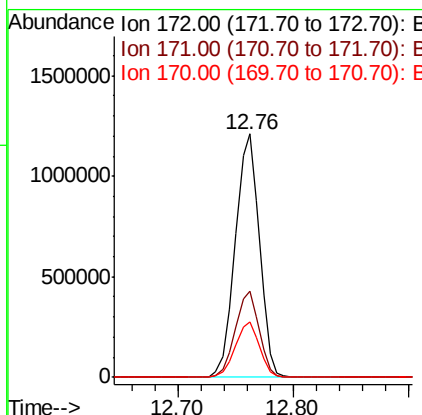
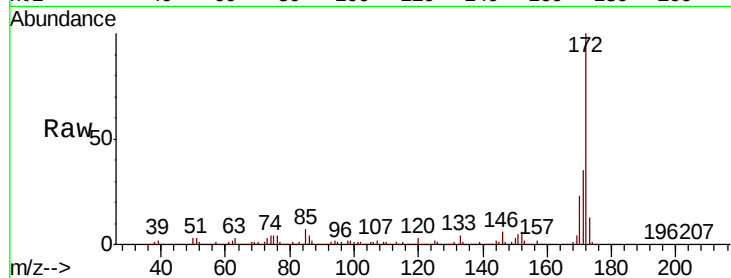




#45
2-Fluorobiphenyl
Concen: 89.963 ng
RT: 12.76 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

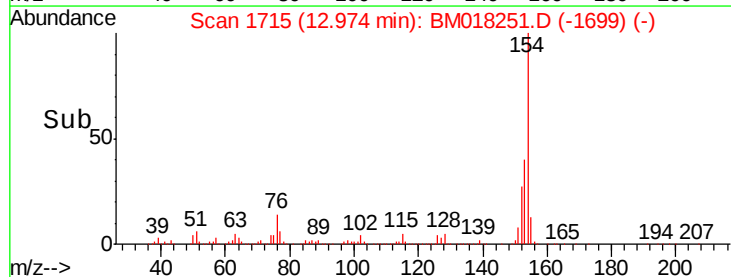
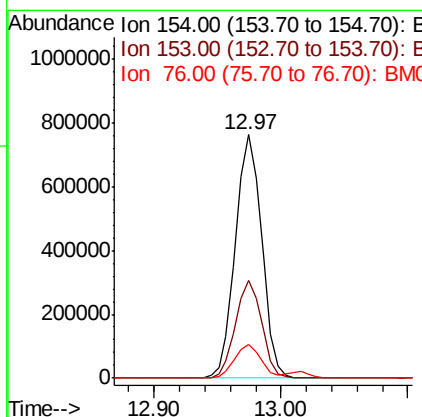
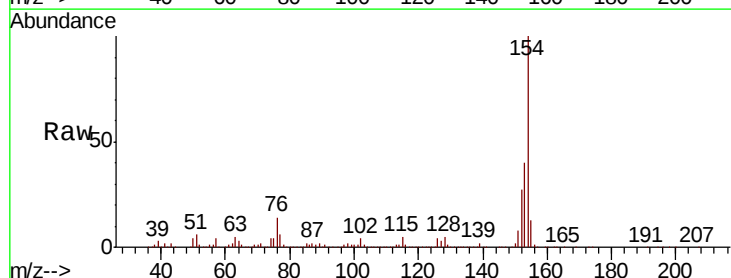
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

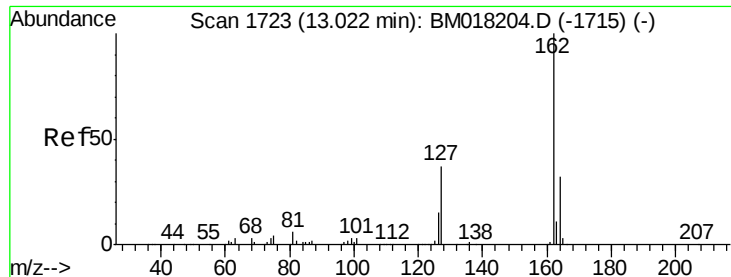
Tgt Ion:172 Resp: 1743735
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.9 18.1 27.1



#46
1,1'-Biphenyl
Concen: 48.602 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:154 Resp: 1097704
Ion Ratio Lower Upper
154 100
153 40.4 19.5 59.5
76 13.8 0.0 33.1

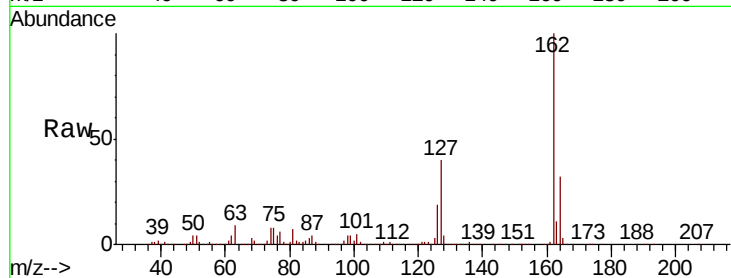




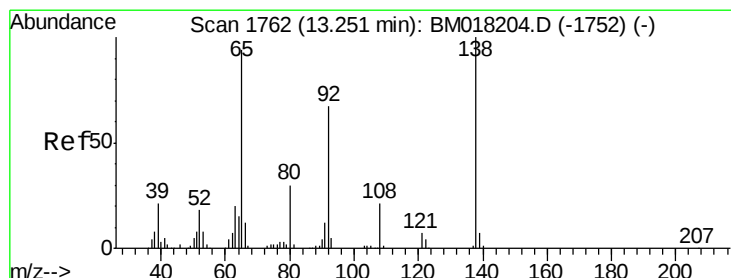
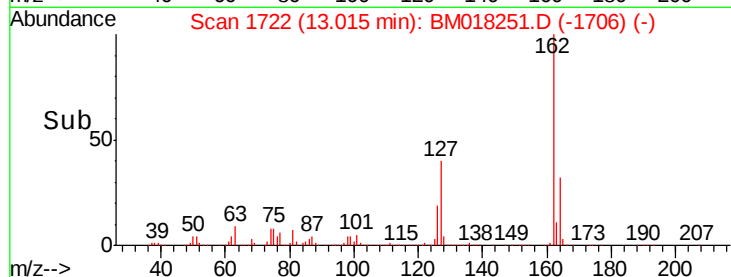
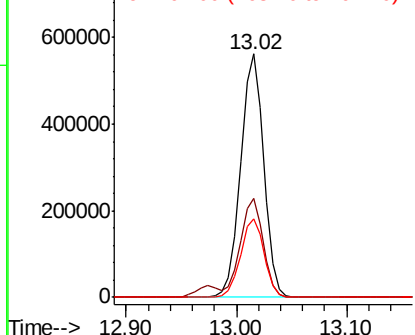
#47
2-Chloronaphthalene
Concen: 49.790 ng
RT: 13.02 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.8	47.8
164	32.3	25.9	38.9

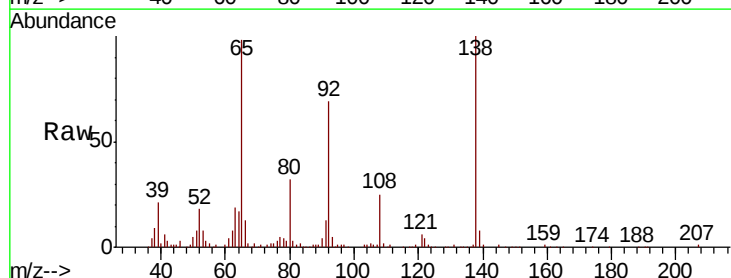


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

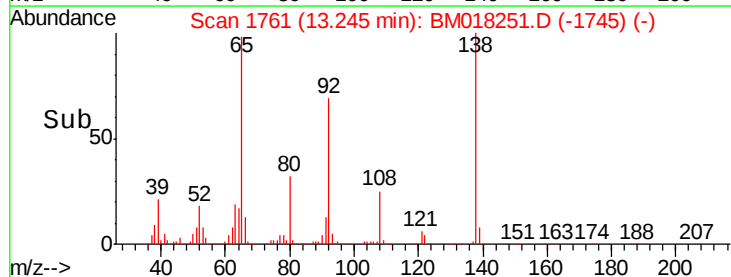
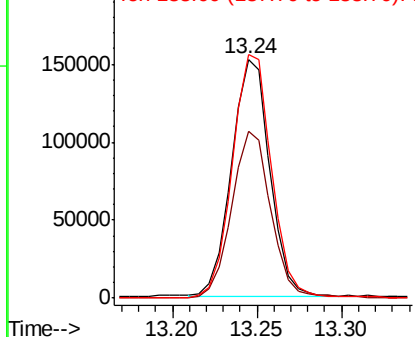


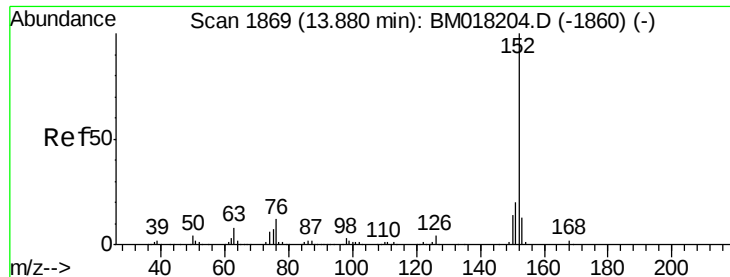
#48
2-Nitroaniline
Concen: 46.481 ng
RT: 13.24 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	56.8	85.2
138	102.1	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: 50.004 ng

RT: 13.87 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

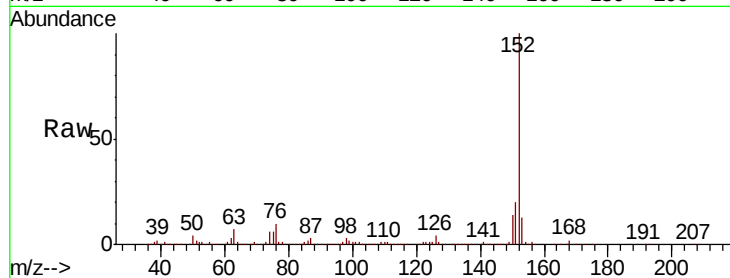
Tgt Ion:152 Resp: 1252671

Ion Ratio Lower Upper

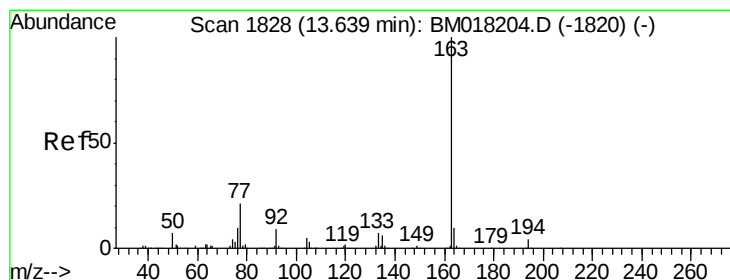
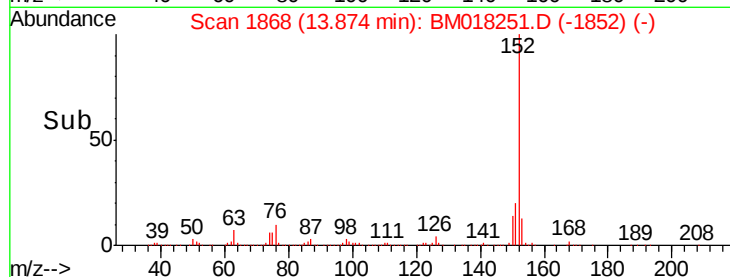
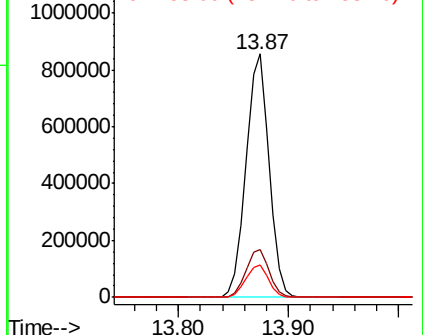
152 100

151 19.7 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: 51.590 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

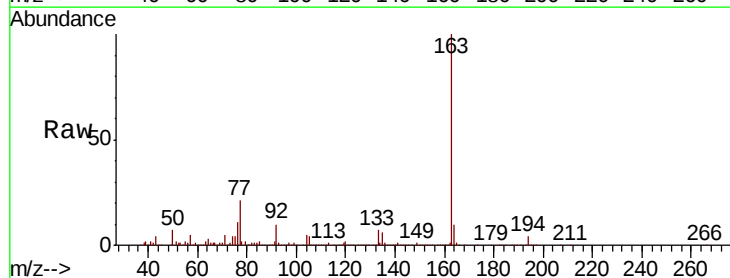
Tgt Ion:163 Resp: 1076783

Ion Ratio Lower Upper

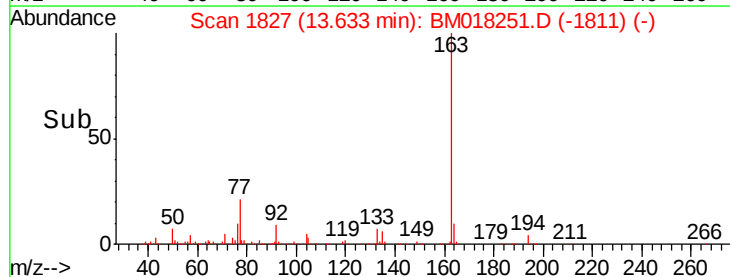
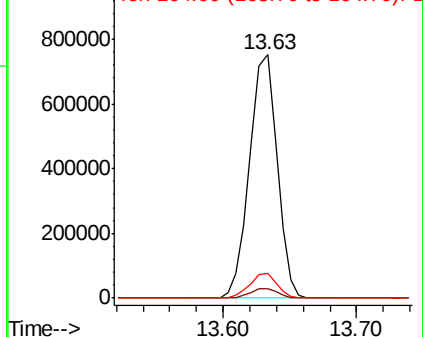
163 100

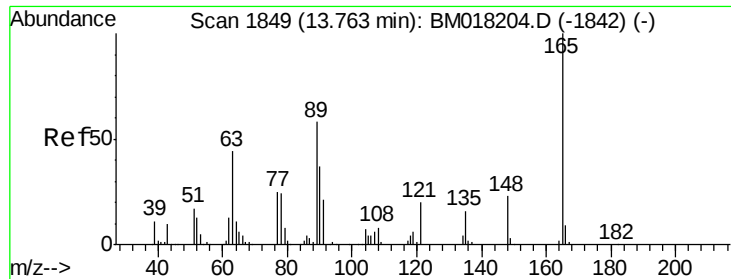
194 3.9 3.1 4.7

164 10.3 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: 45.140 ng

RT: 13.76 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

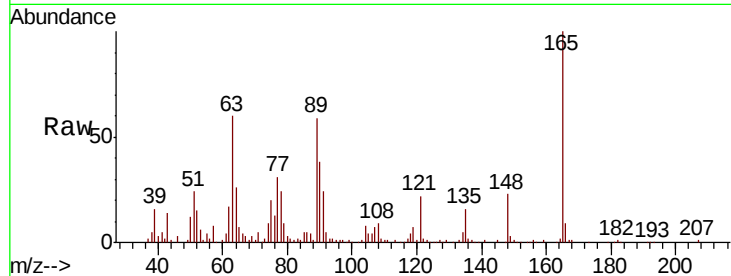
Tgt Ion:165 Resp: 207114

Ion Ratio Lower Upper

165 100

63 59.5 46.6 69.8

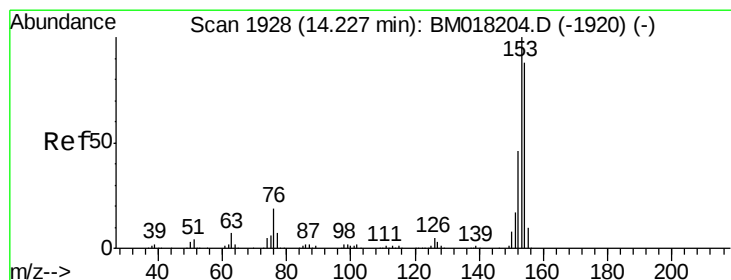
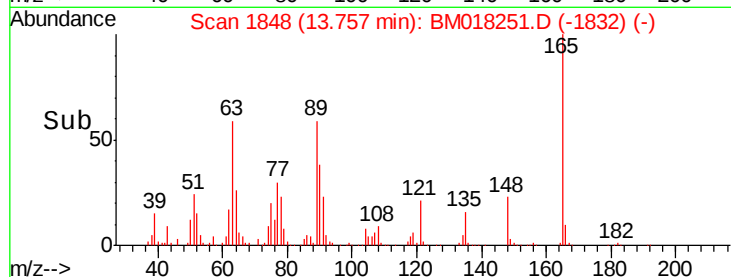
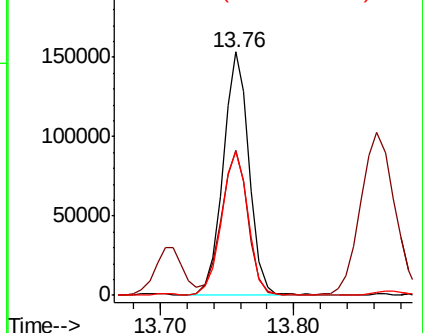
89 58.8 46.3 69.5



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: 47.223 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

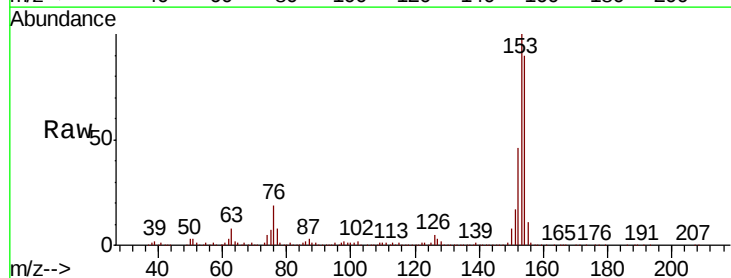
Tgt Ion:154 Resp: 722966

Ion Ratio Lower Upper

154 100

153 110.5 90.4 135.6

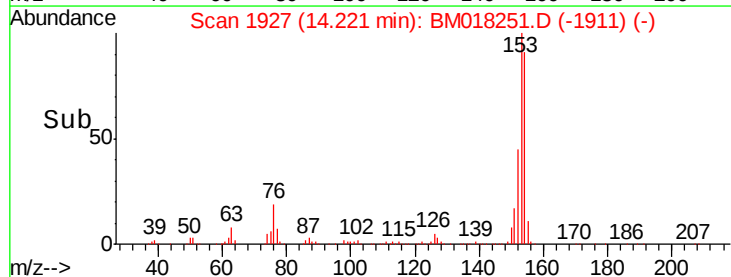
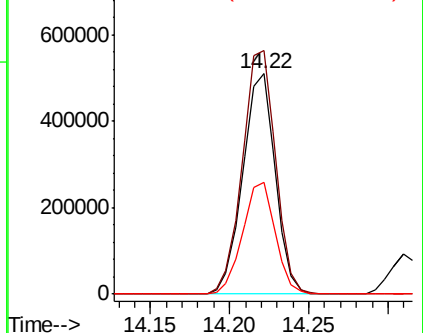
152 50.5 41.2 61.8

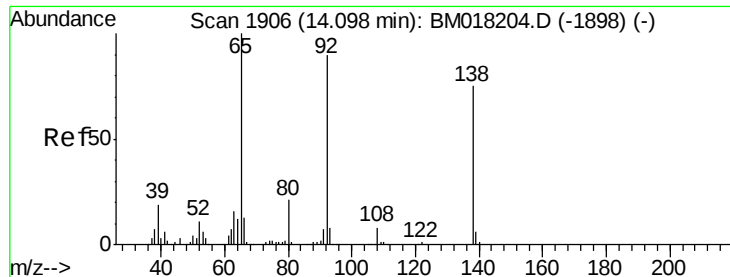


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.860 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

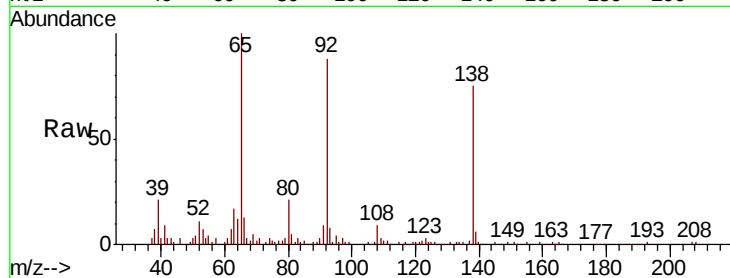
Tgt Ion:138 Resp: 139351

Ion Ratio Lower Upper

138 100

108 11.5 8.4 12.6

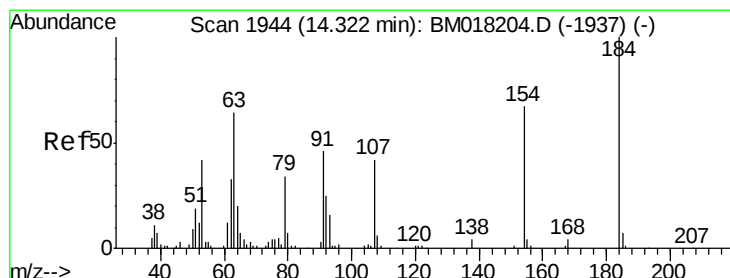
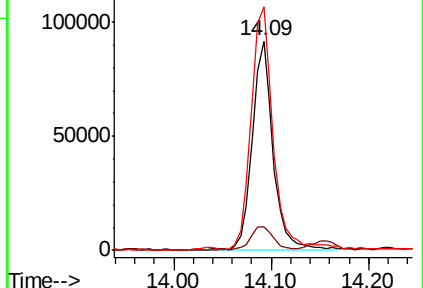
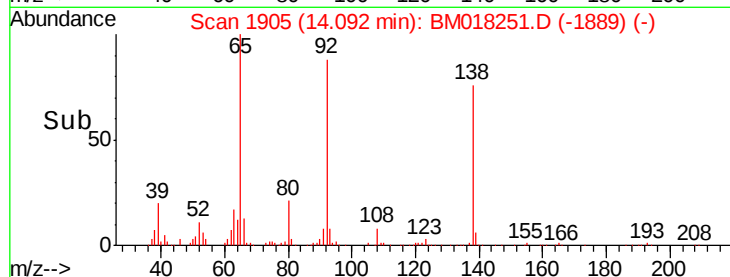
92 116.4 94.9 142.3



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: 80.620 ng

RT: 14.31 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

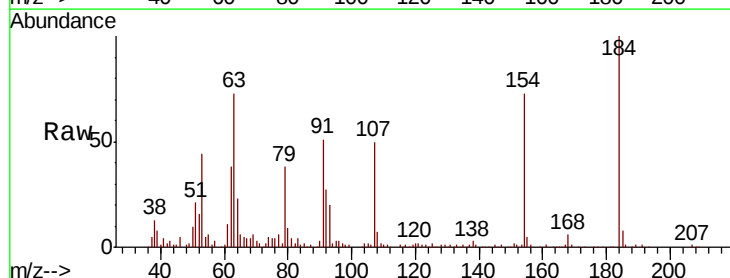
Tgt Ion:184 Resp: 204052

Ion Ratio Lower Upper

184 100

63 73.0 51.6 77.4

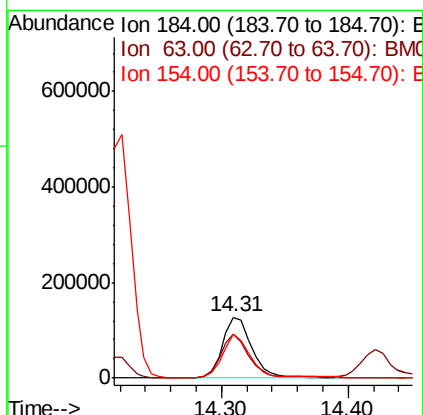
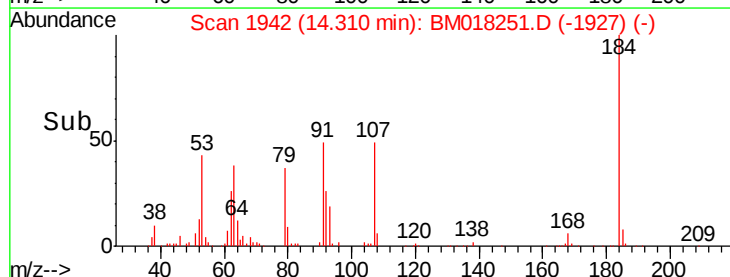
154 73.4 54.0 81.0

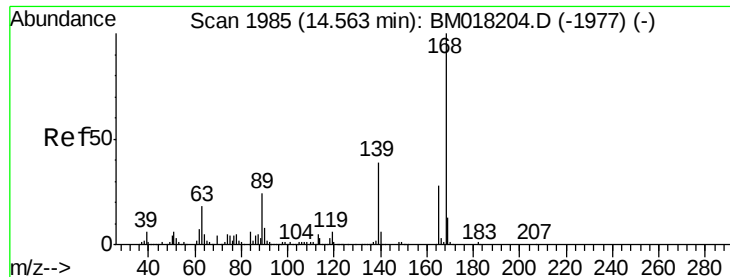


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 45.660 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

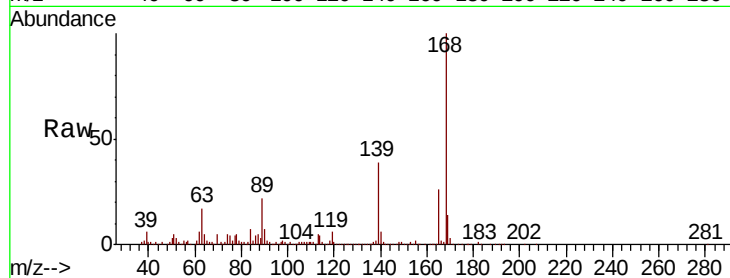
Tgt Ion:168 Resp: 1123236

Ion Ratio Lower Upper

168 100

139 39.2 31.2 46.8

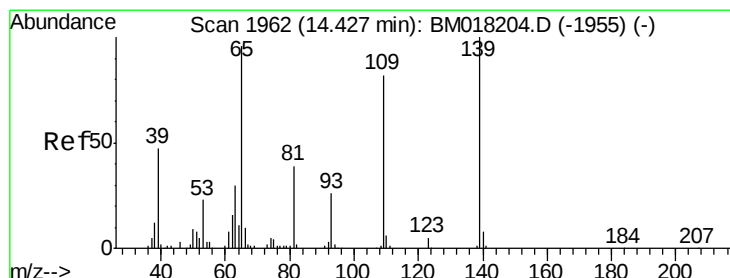
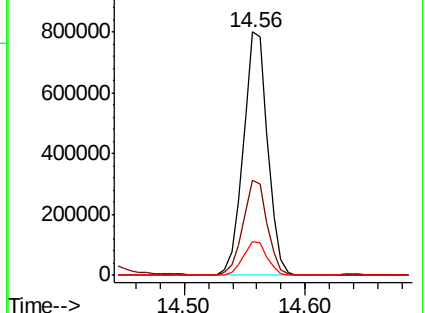
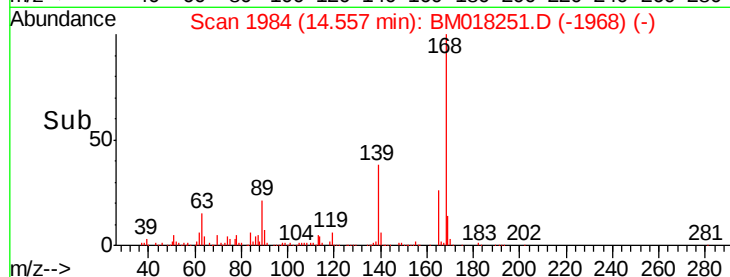
169 13.9 10.4 15.6



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: 82.622 ng

RT: 14.42 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

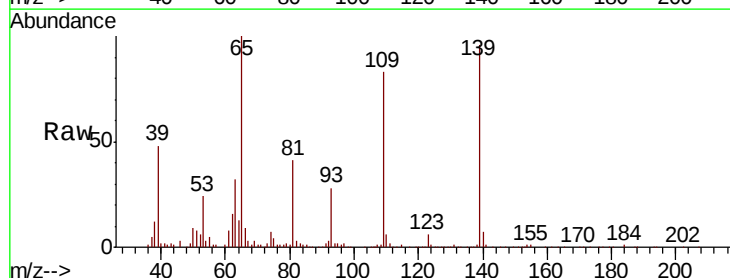
Tgt Ion:139 Resp: 302470

Ion Ratio Lower Upper

139 100

109 86.6 62.3 102.3

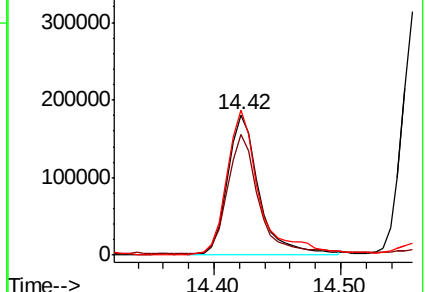
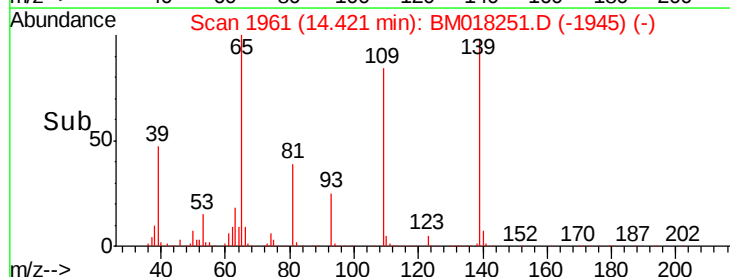
65 103.7 76.4 116.4

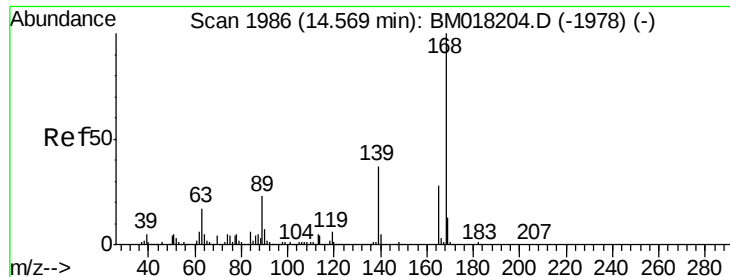


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

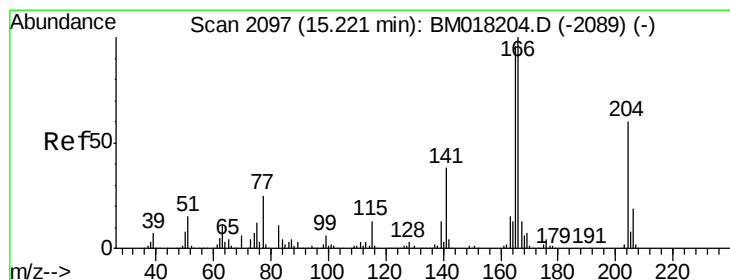
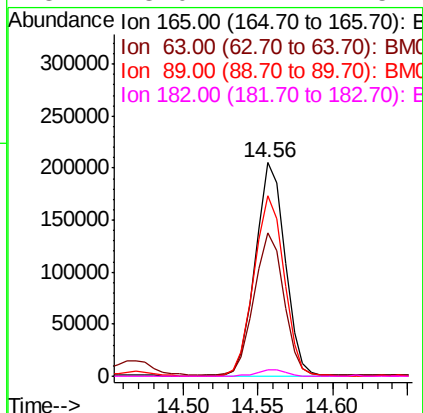
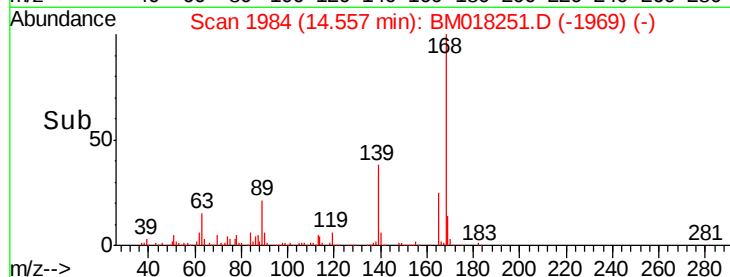
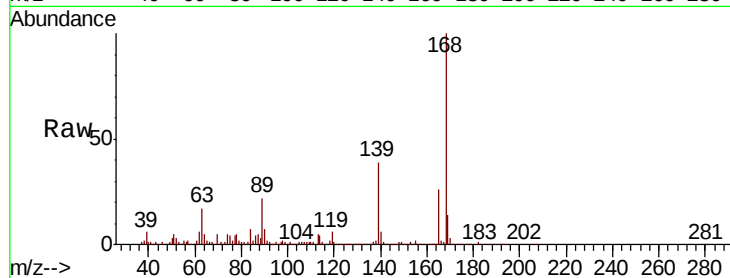




#57
2,4-Dinitrotoluene
Concen: 44.203 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

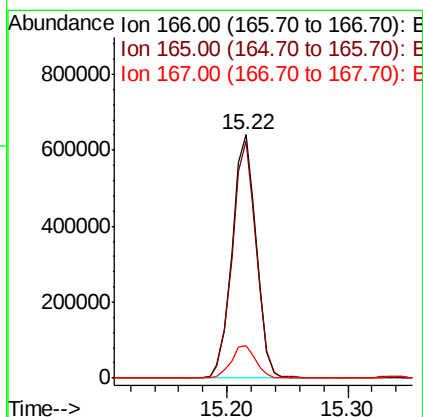
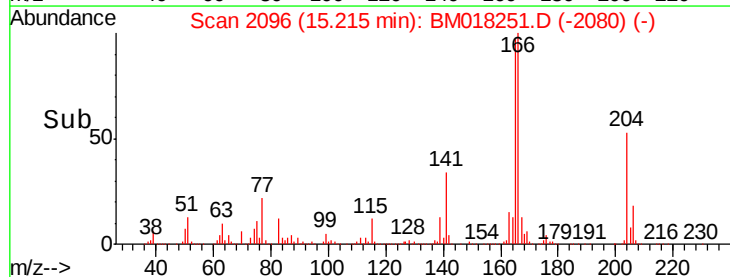
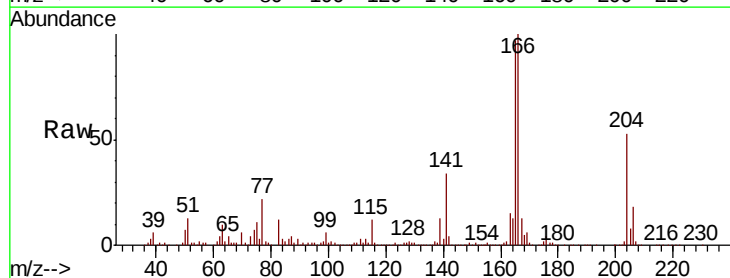
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

Tgt Ion:165 Resp: 280340
Ion Ratio Lower Upper
165 100
63 66.9 47.2 70.8
89 84.2 65.8 98.8
182 3.0 2.2 3.4



#58
Fluorene
Concen: 46.645 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:166 Resp: 886243
Ion Ratio Lower Upper
166 100
165 97.3 76.9 115.3
167 13.5 10.5 15.7

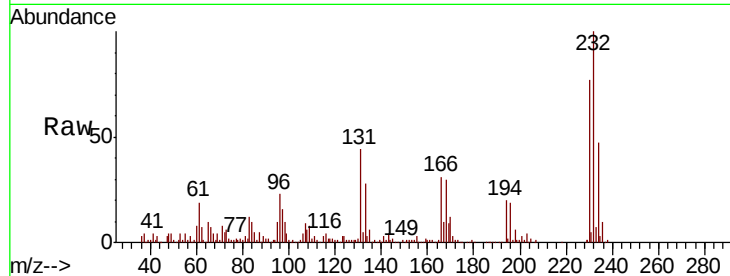




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.529 ng
 RT: 14.80 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

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

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.4	36.2	54.2
130	3.5	1.8	2.6
166	32.1	24.8	37.2



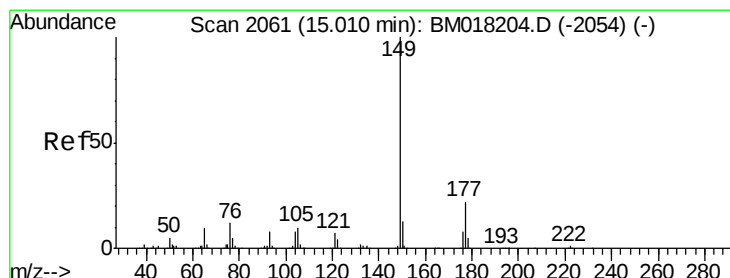
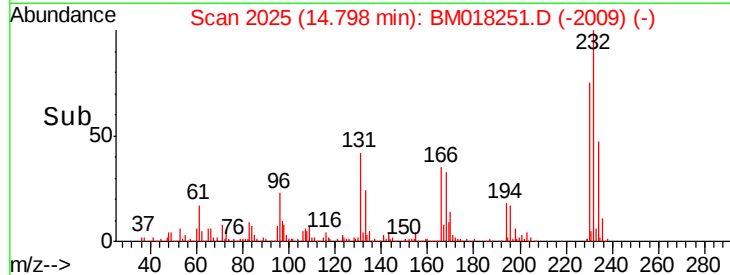
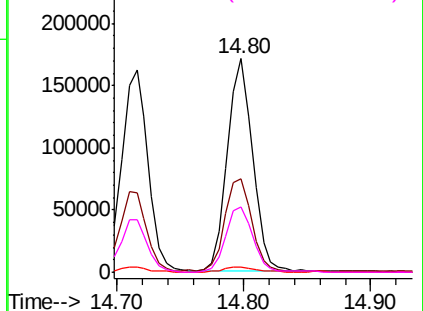
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

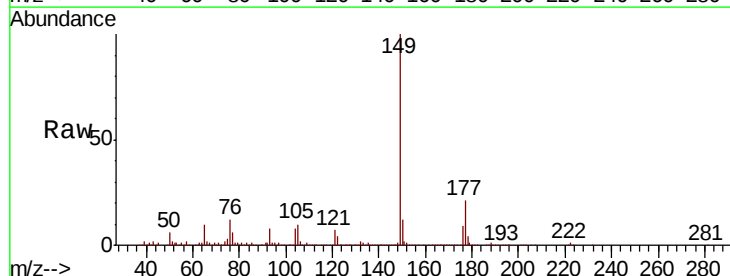
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.606 ng
 RT: 15.00 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.8	26.8
150	12.2	10.3	15.5

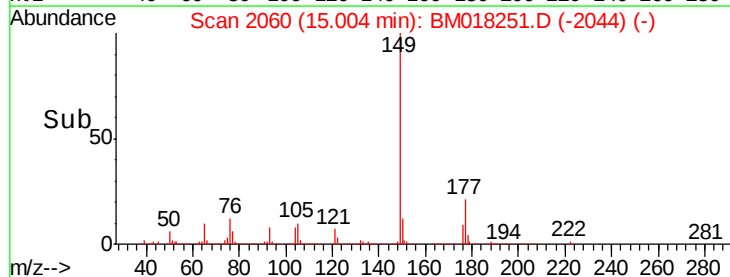
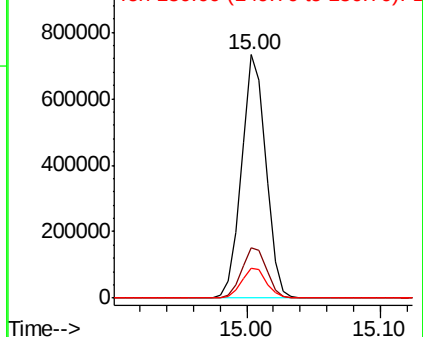


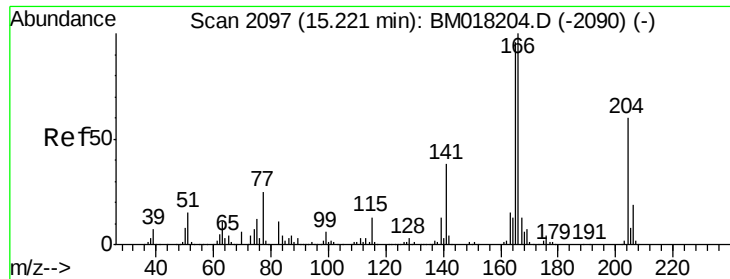
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

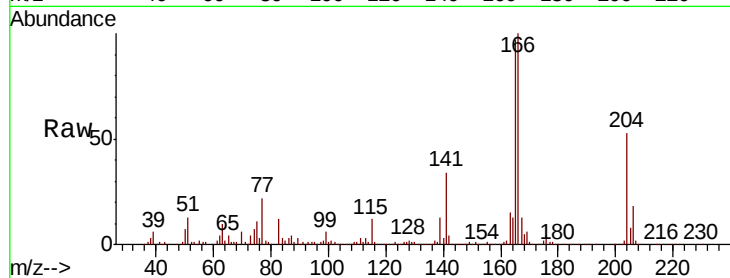




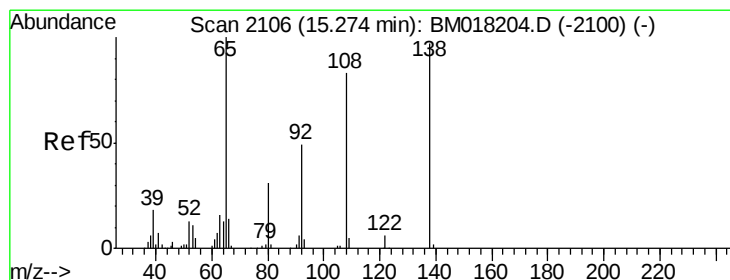
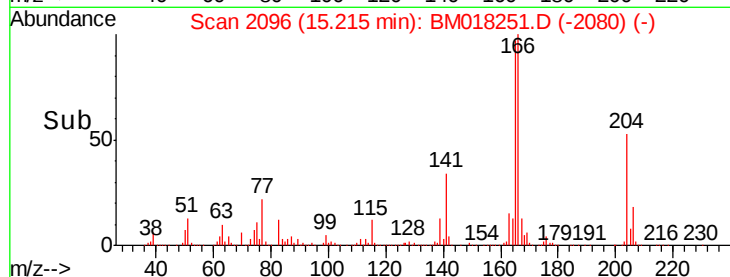
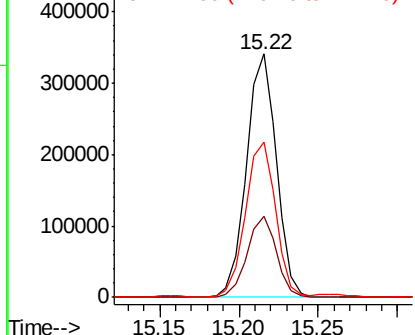
#61
4-Chlorophenyl-phenylether
Concen: 41.592 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion:204 Resp: 446919
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 63.8 50.2 75.4

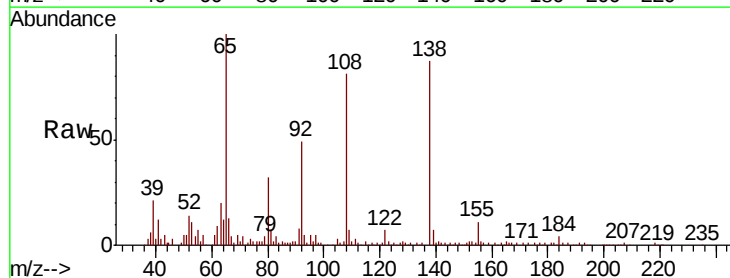


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

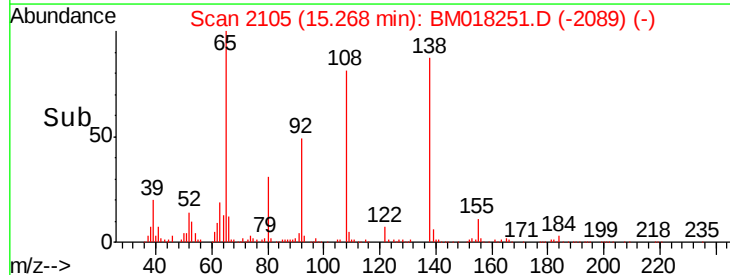
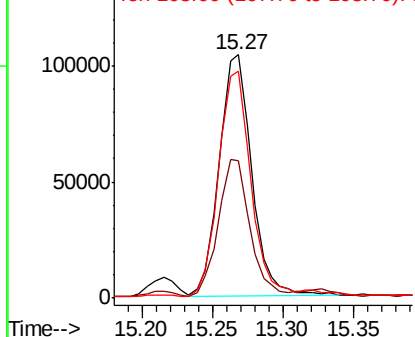


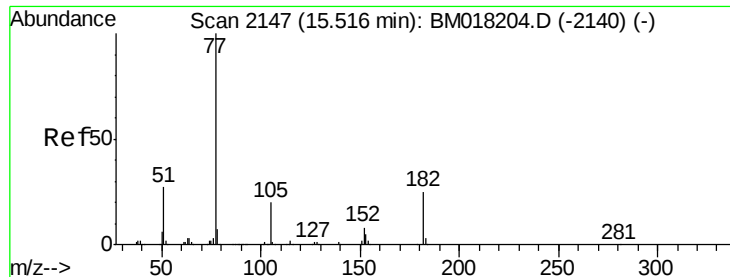
#62
4-Nitroaniline
Concen: 36.340 ng
RT: 15.27 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:138 Resp: 166497
Ion Ratio Lower Upper
138 100
92 56.4 31.1 71.1
108 93.0 65.0 105.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.209 ng

RT: 15.51 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

Tgt Ion: 77 Resp: 887430

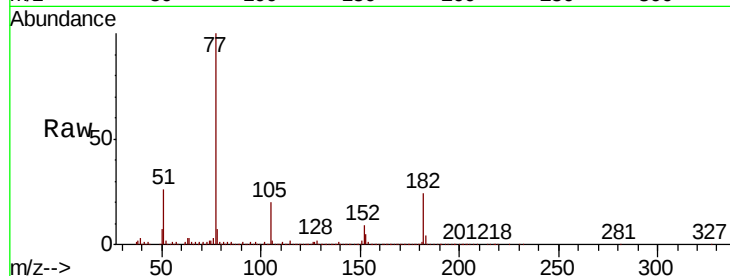
Ion Ratio Lower Upper

77 100

182 24.4 4.6 44.6

105 20.4 0.2 40.2

51 26.3 7.0 47.0

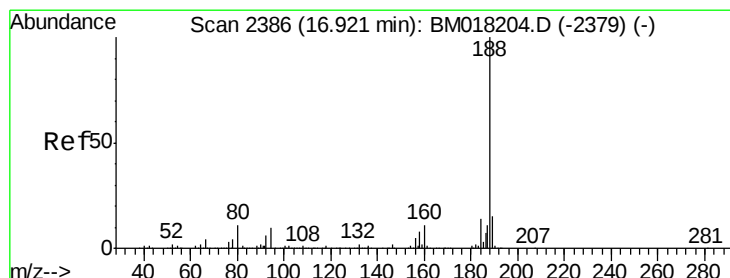
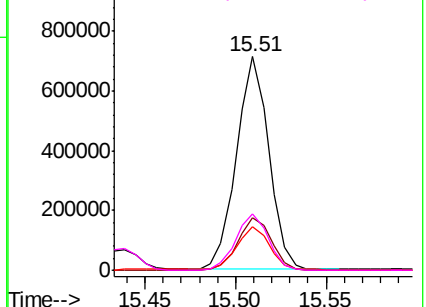
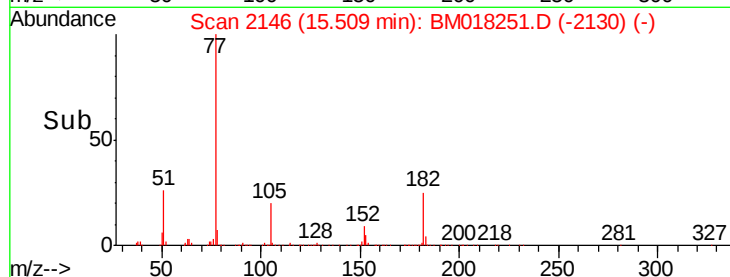


Abundance Ion 77.00 (76.70 to 77.70): BM0

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): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

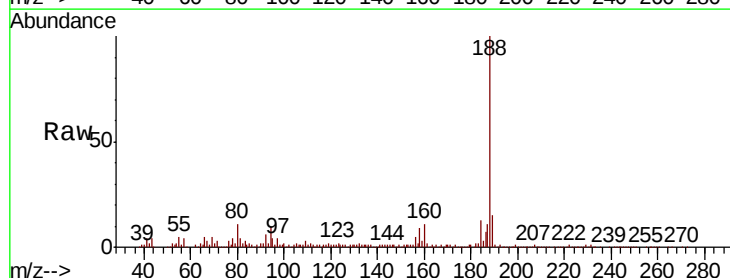
Tgt Ion: 188 Resp: 473402

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

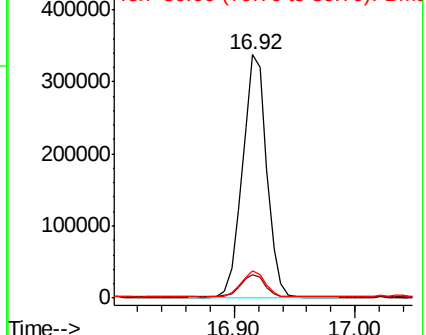
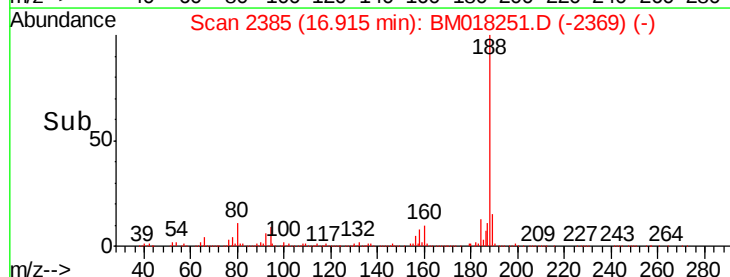
80 11.5 9.0 13.6

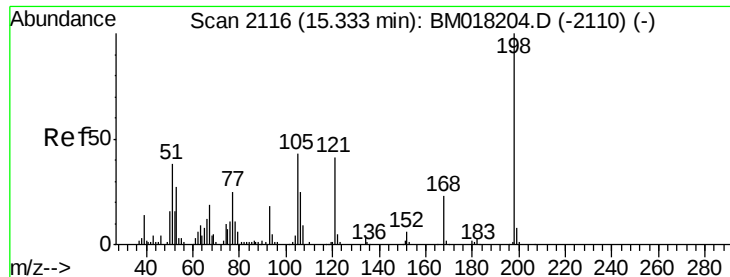


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 38.512 ng

RT: 15.33 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

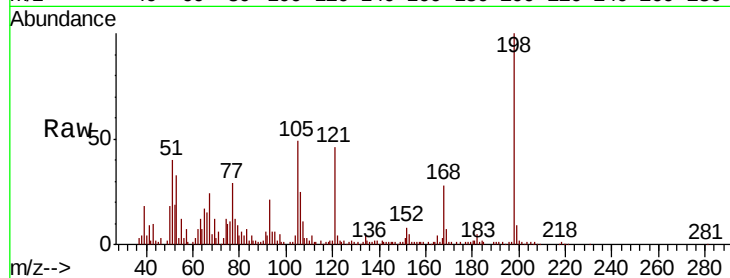
Tgt Ion:198 Resp: 134216

Ion Ratio Lower Upper

198 100

51 40.3 18.6 58.6

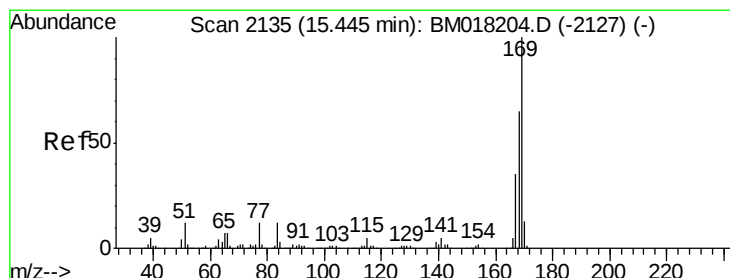
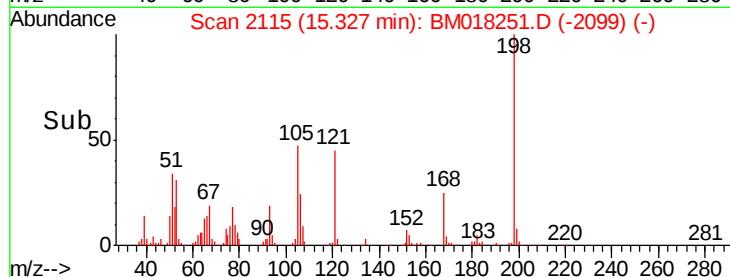
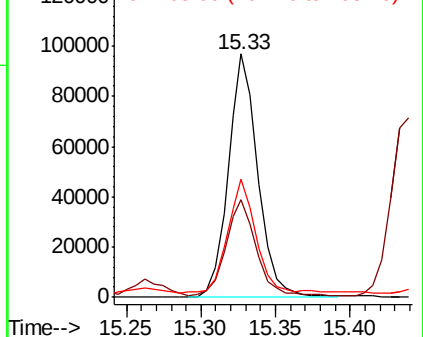
105 48.7 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.331 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

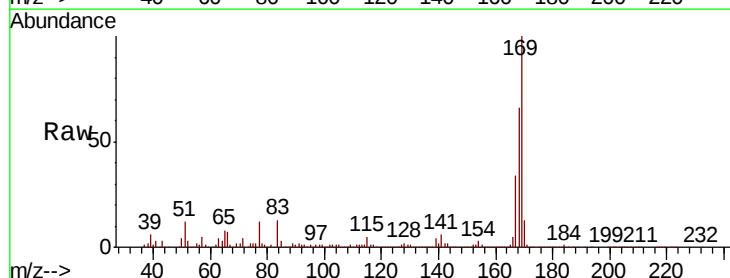
Tgt Ion:169 Resp: 756604

Ion Ratio Lower Upper

169 100

168 65.8 52.2 78.4

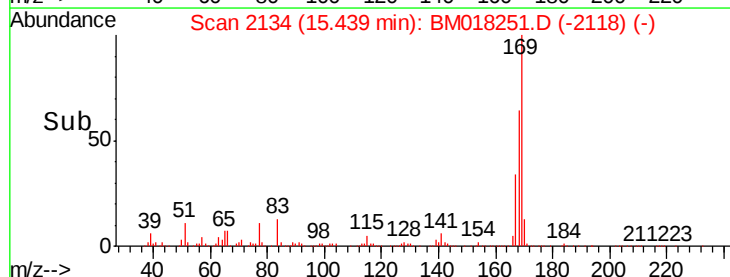
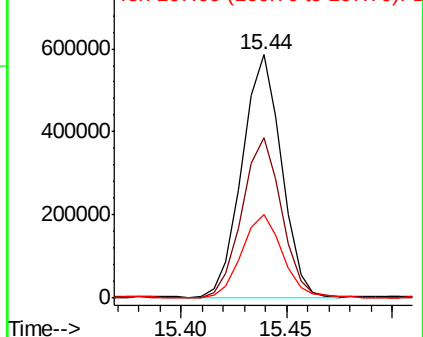
167 34.3 27.6 41.4



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

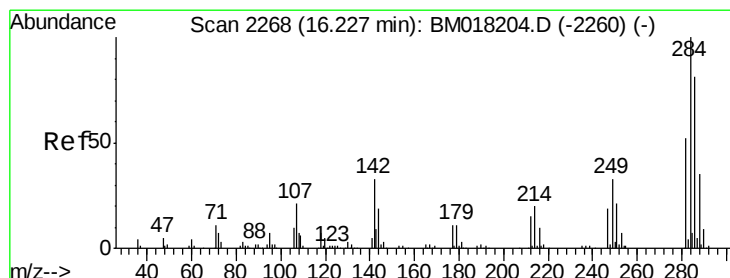
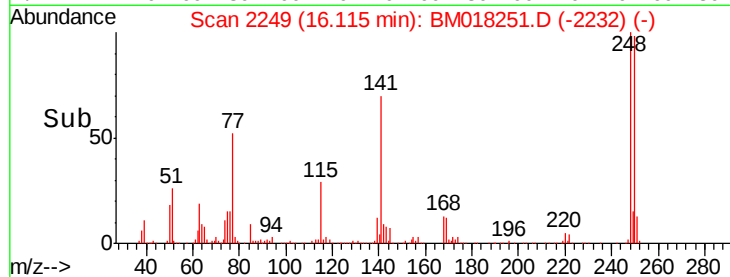
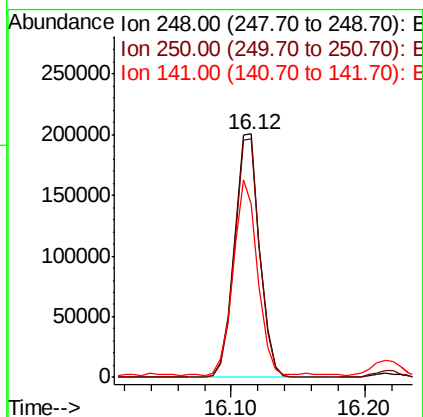
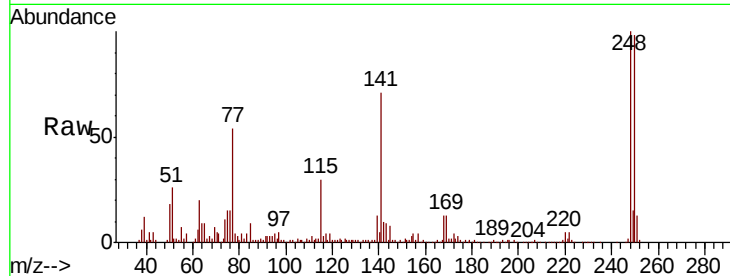




#67
4-Bromophenyl-phenylether
Concen: 46.142 ng
RT: 16.12 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

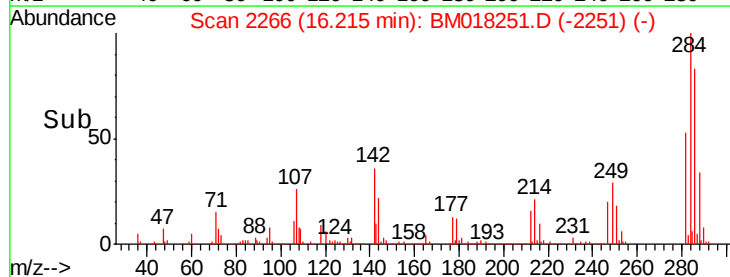
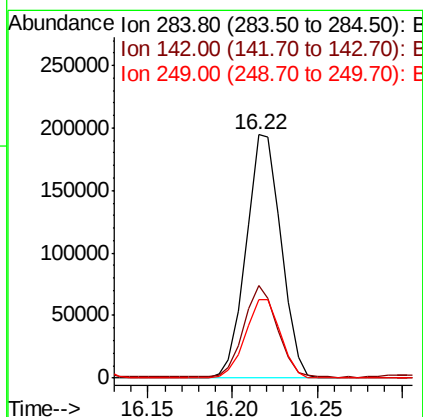
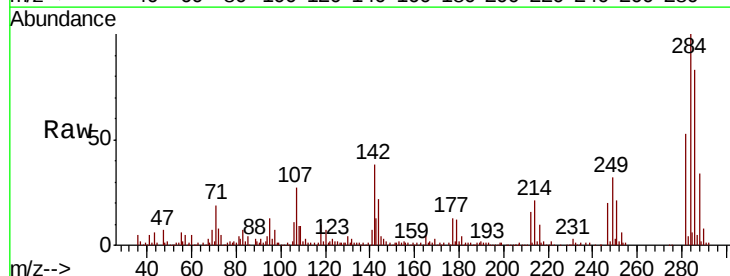
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

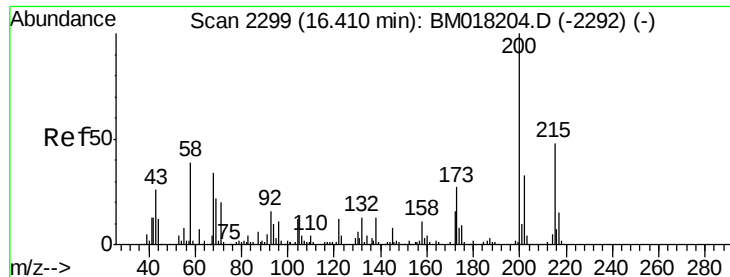
Tgt Ion:248 Resp: 264548
Ion Ratio Lower Upper
248 100
250 98.1 78.7 118.1
141 70.9 62.2 93.4



#68
Hexachlorobenzene
Concen: 44.719 ng
RT: 16.22 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:284 Resp: 280880
Ion Ratio Lower Upper
284 100
142 37.9 26.2 39.4
249 32.0 26.2 39.2





#69

Atrazine

Concen: 57.027 ng

RT: 16.41 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

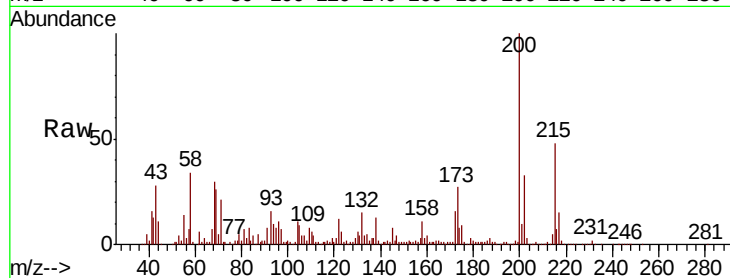
Tgt Ion:200 Resp: 301384

Ion Ratio Lower Upper

200 100

173 26.8 6.9 46.9

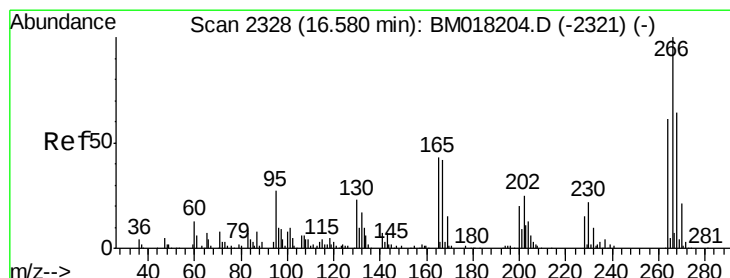
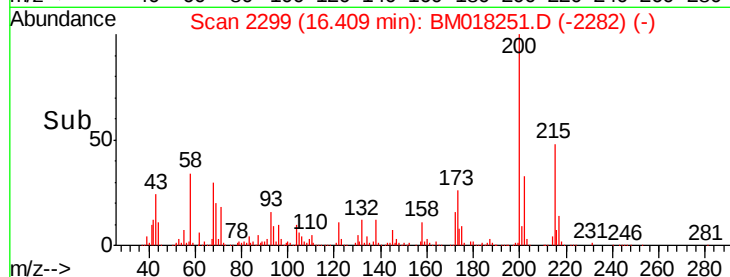
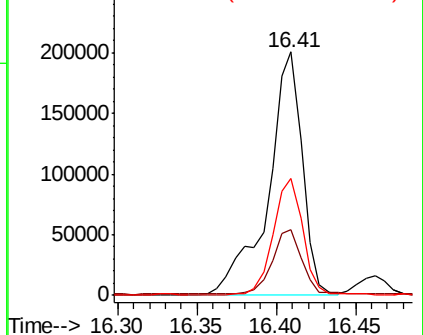
215 48.1 27.9 67.9



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: 79.944 ng

RT: 16.57 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

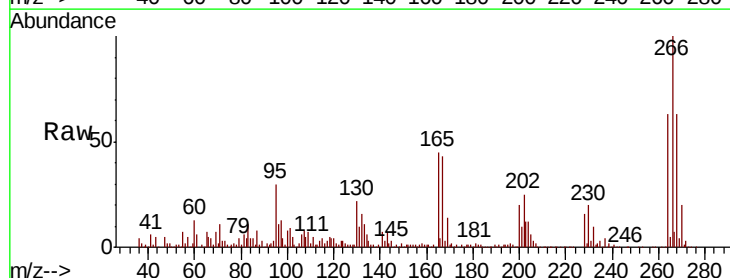
Tgt Ion:266 Resp: 331626

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

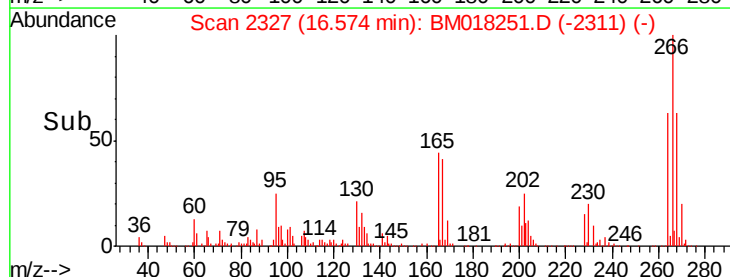
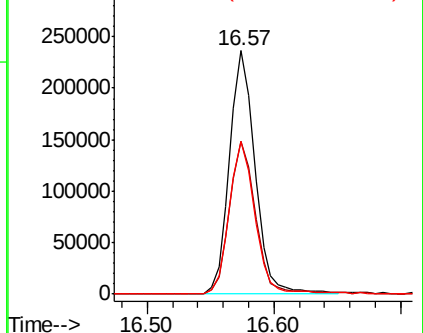
264 62.8 49.0 73.4

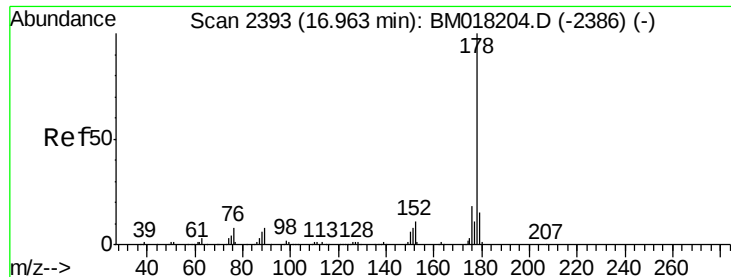


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

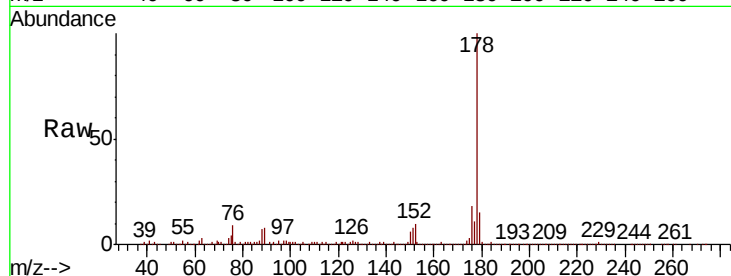




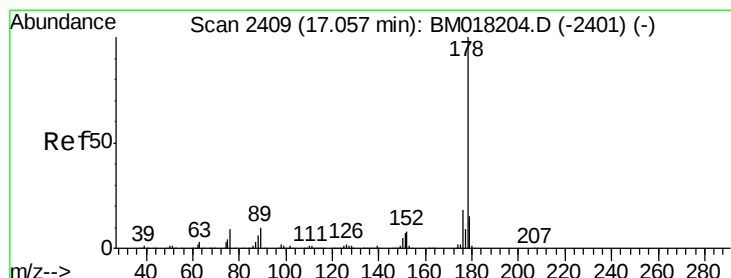
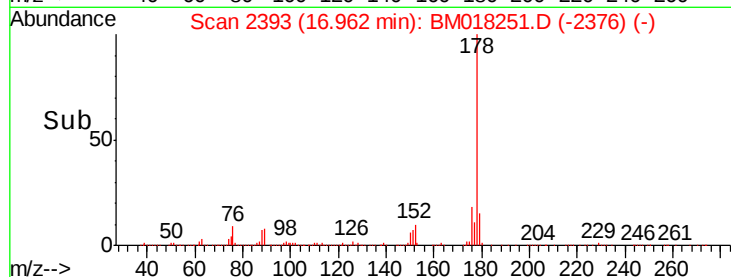
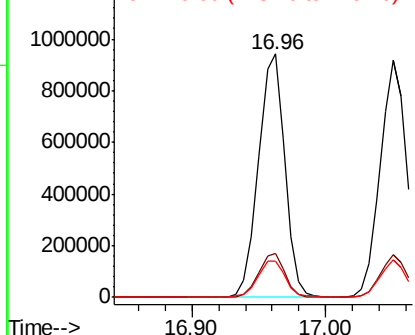
#71
Phenanthrene
Concen: 49.755 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

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

Tgt Ion:178 Resp: 1279405
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.0 12.0 18.0

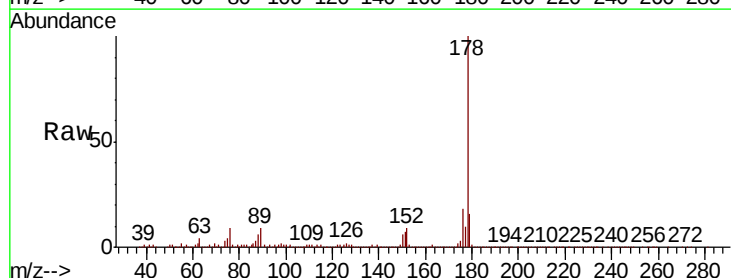


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

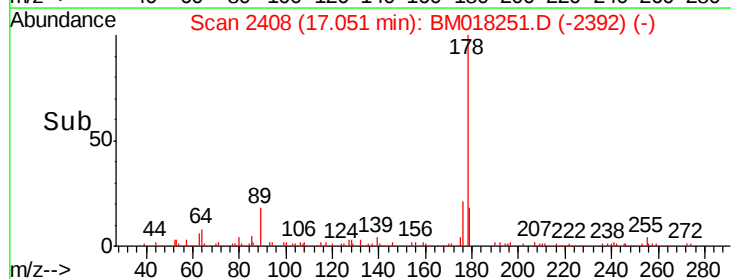
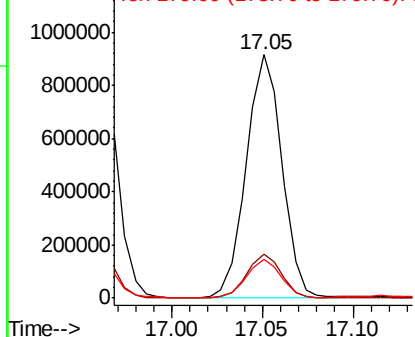


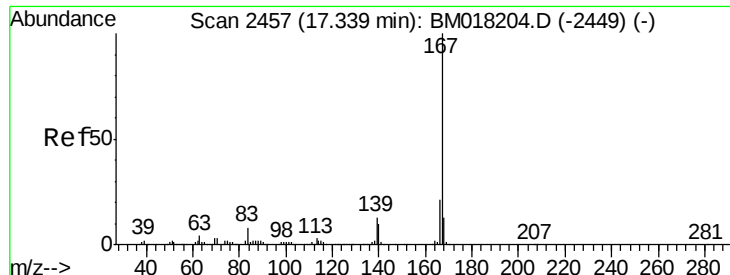
#72
Anthracene
Concen: 48.862 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion:178 Resp: 1246482
Ion Ratio Lower Upper
178 100
176 18.3 14.3 21.5
179 15.8 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

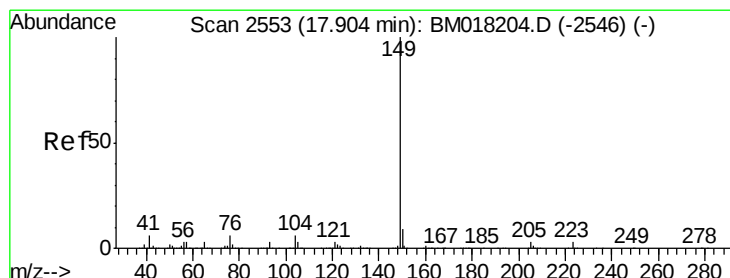
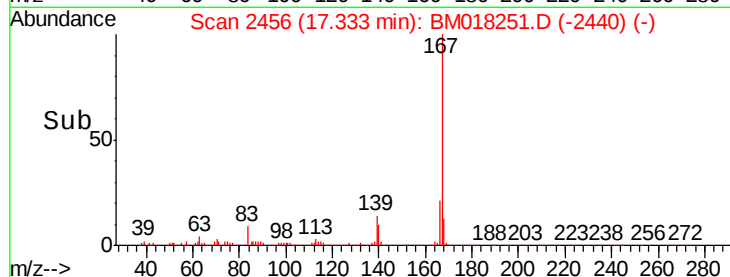
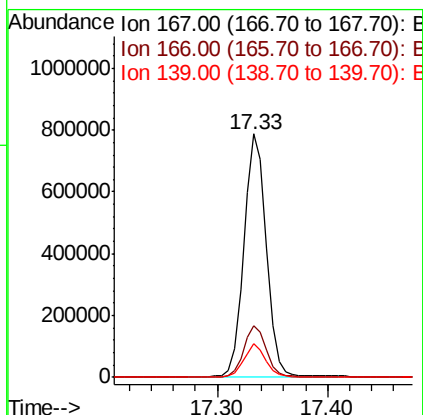
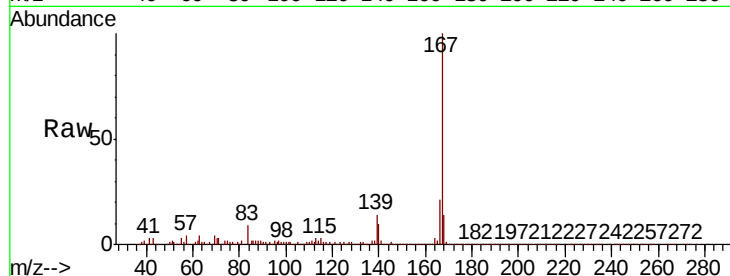




#73
 Carbazole
 Concen: 42.696 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

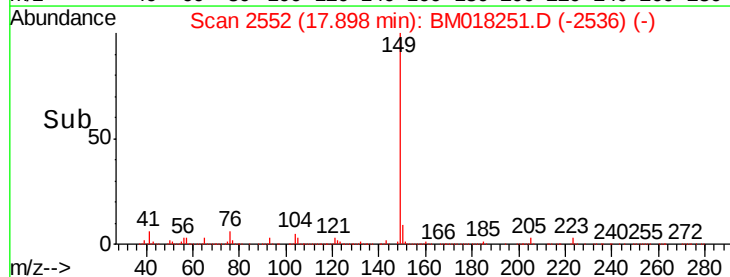
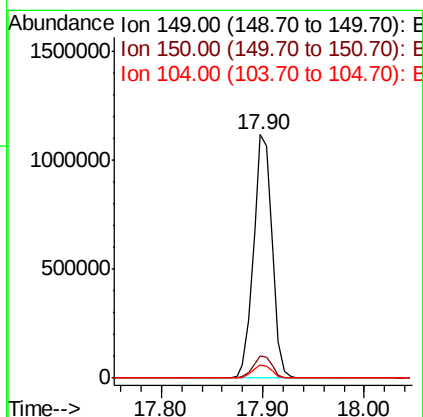
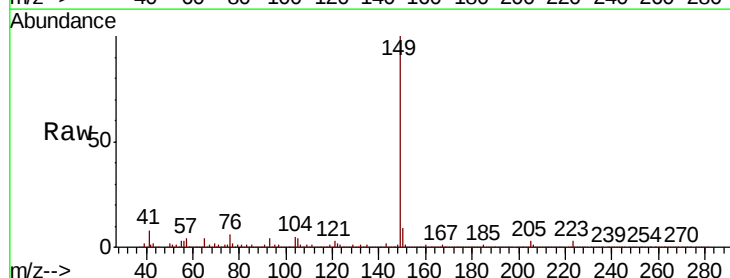
Instrument :
 BNA_M
 ClientSampleId :
 P001-SD012-0612-01MSD

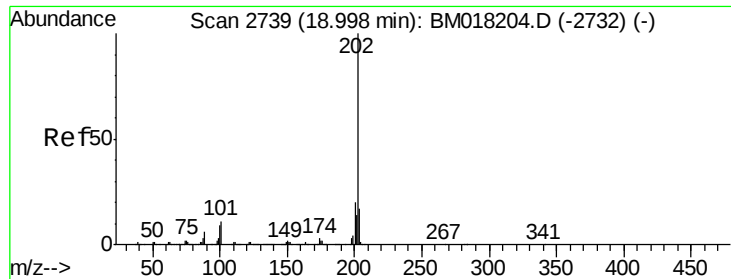
Tgt Ion:167 Resp: 1117944
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 13.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 43.374 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018251.D
 Acq: 17 Dec 2018 16:26

Tgt Ion:149 Resp: 1401304
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.5 4.8 7.2





#75

Fluoranthene

Concen: 45.730 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

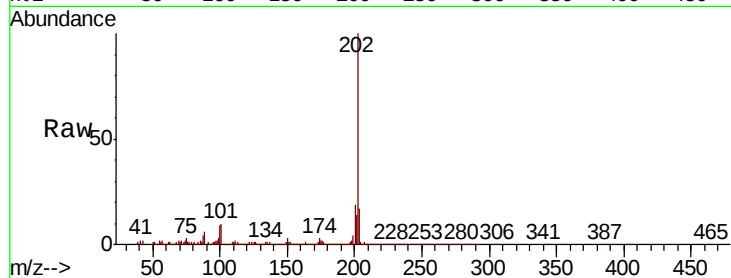
Tgt Ion:202 Resp: 1367148

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.5

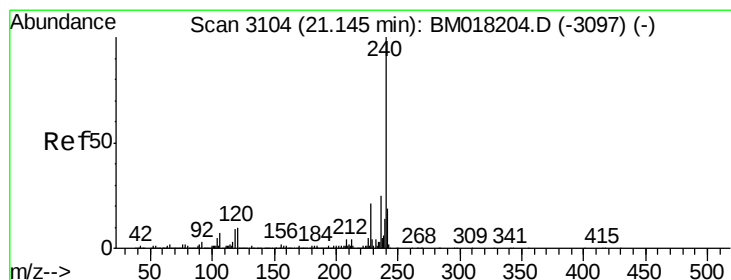
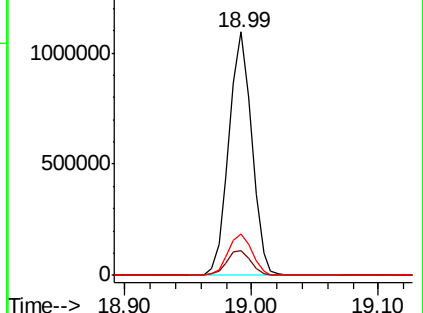
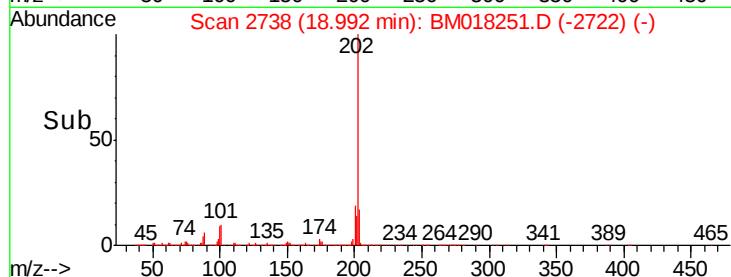
203 16.8 0.0 37.5



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: BM018251.D

Acq: 17 Dec 2018 16:26

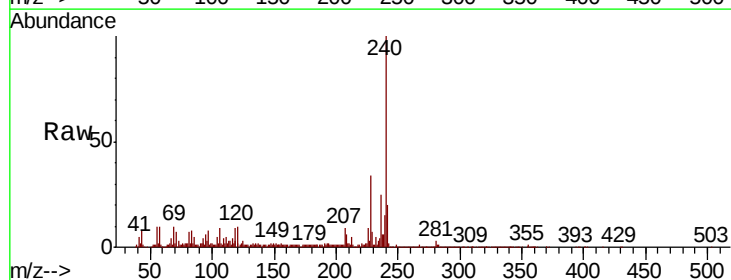
Tgt Ion:240 Resp: 521095

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

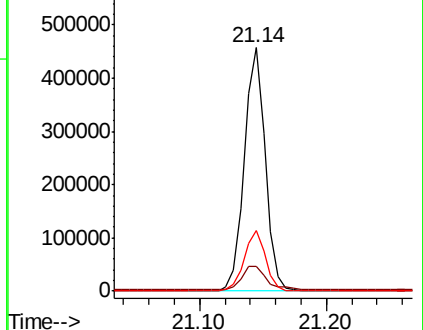
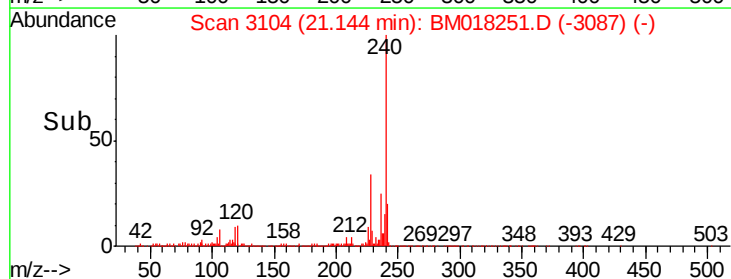
236 25.0 20.3 30.5

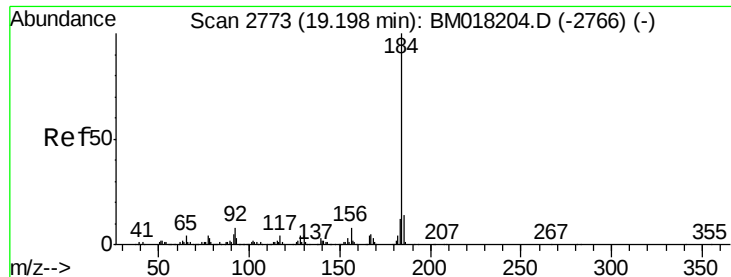


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.977 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

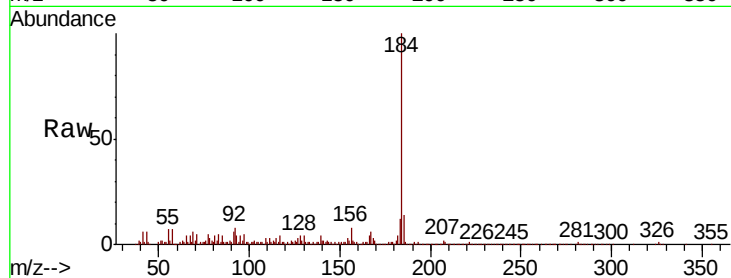
Tgt Ion:184 Resp: 528259

Ion Ratio Lower Upper

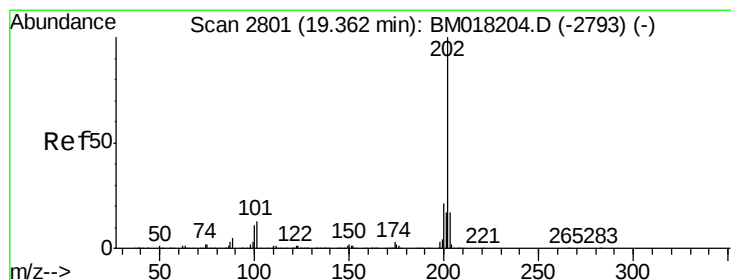
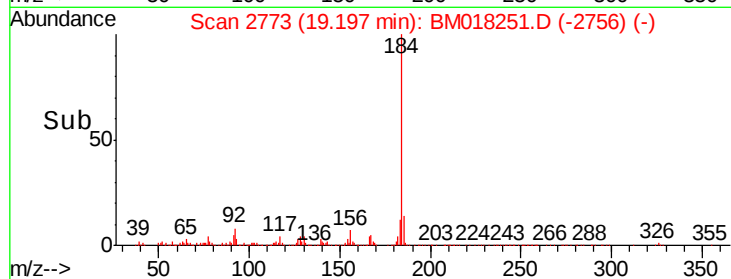
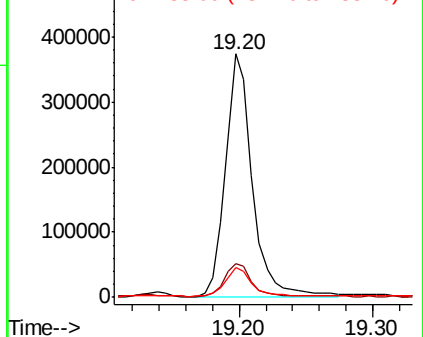
184 100

185 13.9 11.4 17.2

183 12.1 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: 45.321 ng

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

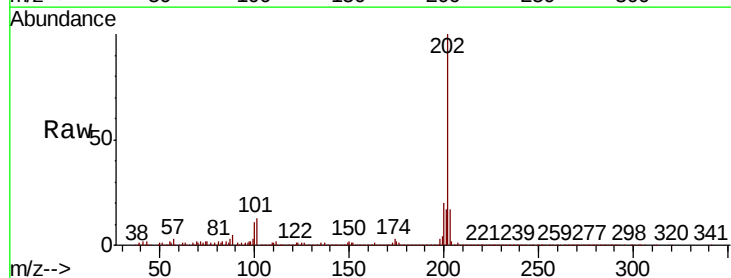
Tgt Ion:202 Resp: 1407198

Ion Ratio Lower Upper

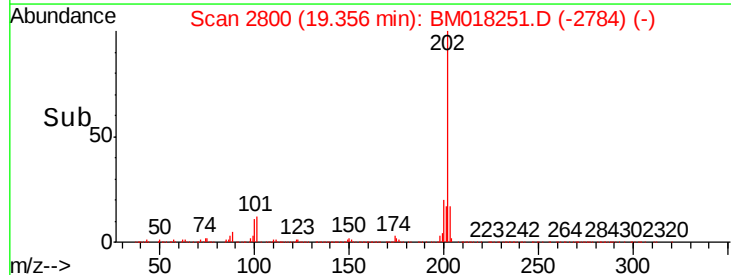
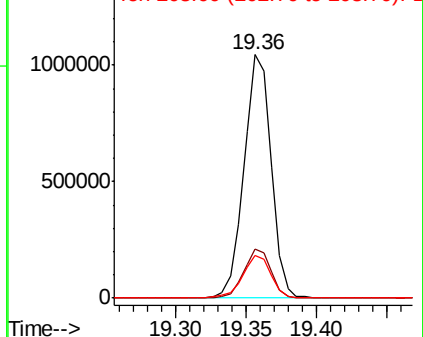
202 100

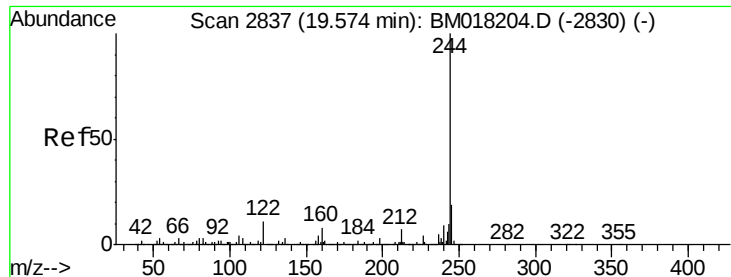
200 20.1 16.5 24.7

203 17.4 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: 77.906 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

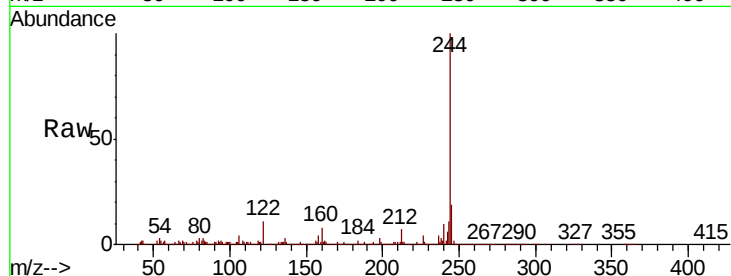
Tgt Ion:244 Resp: 1794997

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

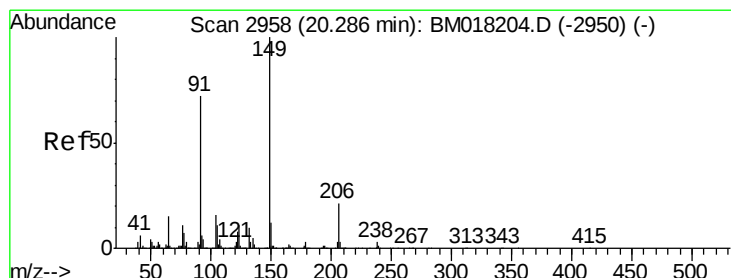
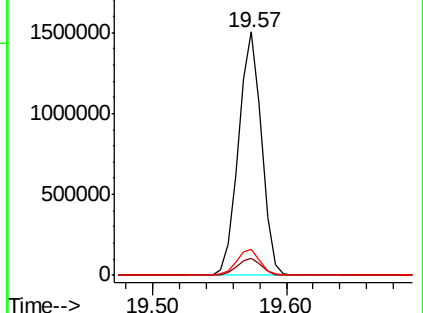
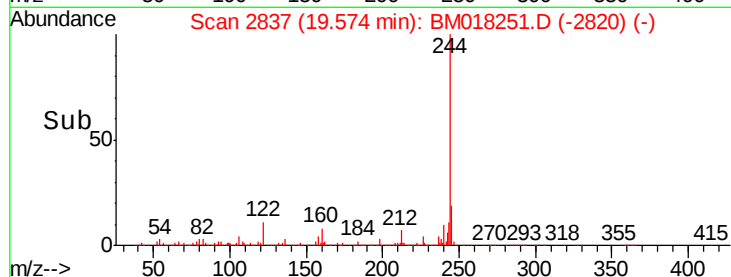
122 10.7 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.366 ng

RT: 20.29 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

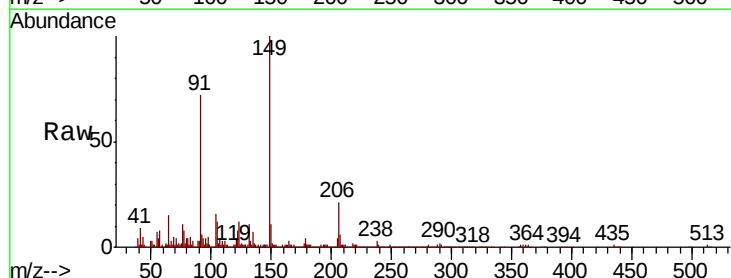
Tgt Ion:149 Resp: 655340

Ion Ratio Lower Upper

149 100

91 72.1 57.4 86.2

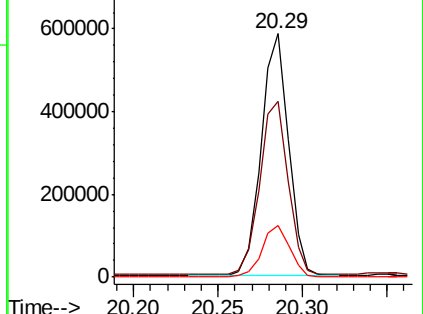
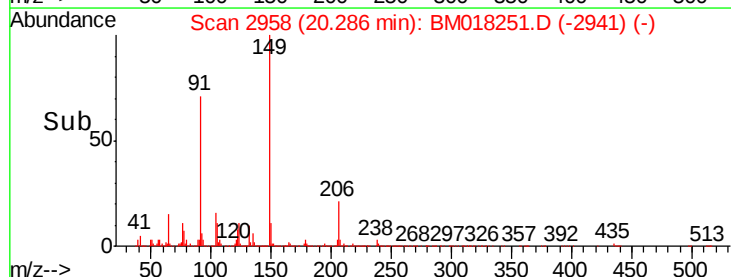
206 21.5 17.0 25.4

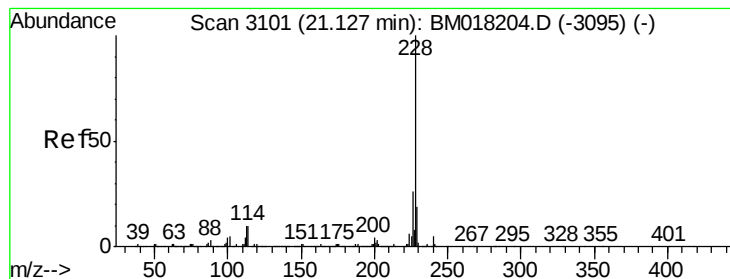


Abundance Ion 149.00 (148.70 to 149.70): E

800000 Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.458 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

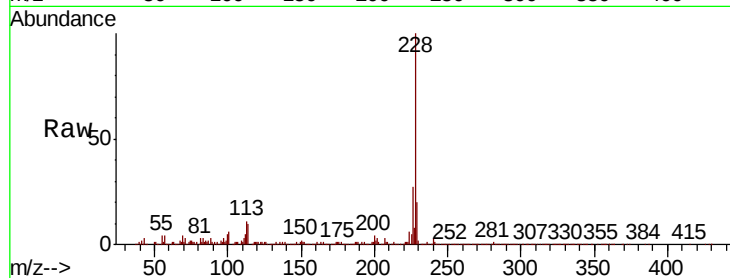
Tgt Ion:228 Resp: 1475042

Ion Ratio Lower Upper

228 100

226 26.6 21.0 31.4

229 20.1 15.5 23.3

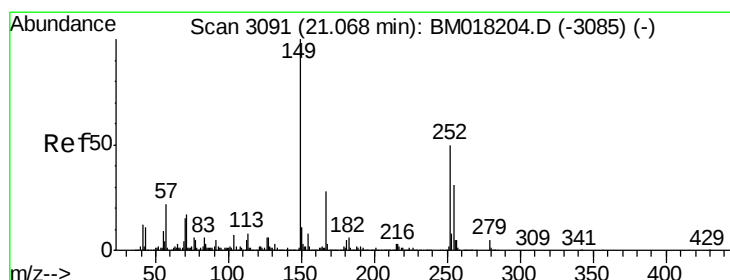
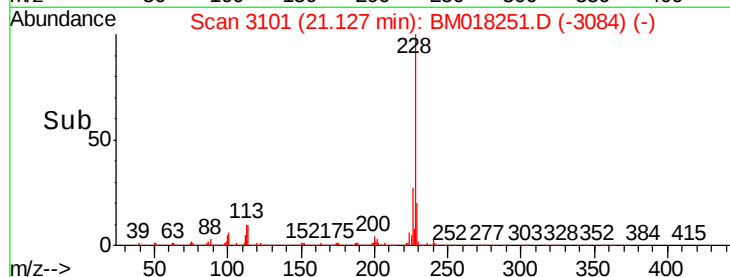
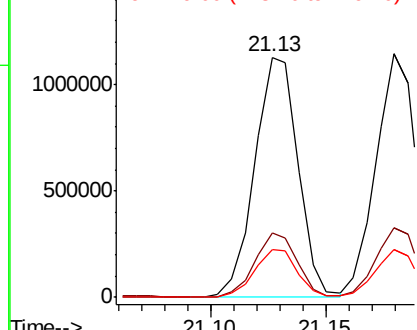


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 33.355 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

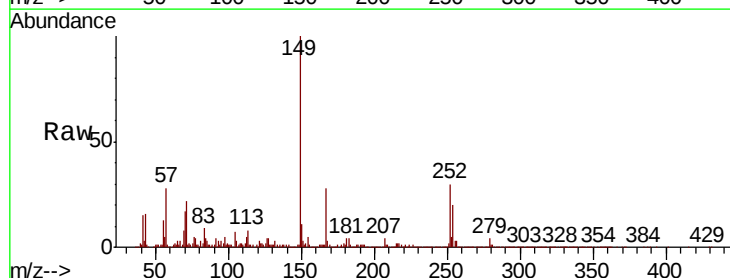
Tgt Ion:252 Resp: 405632

Ion Ratio Lower Upper

252 100

254 66.2 50.4 75.6

126 12.8 9.4 14.0

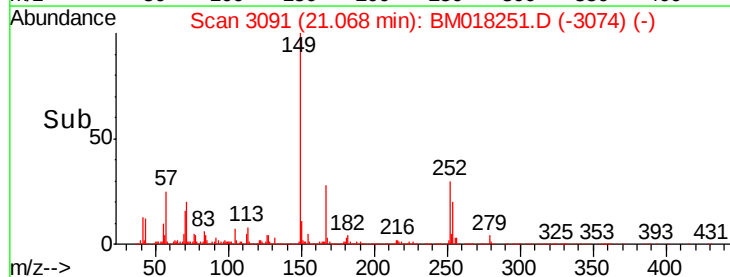
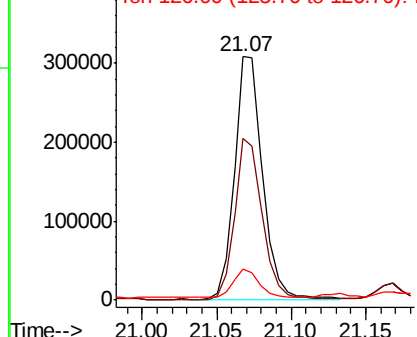


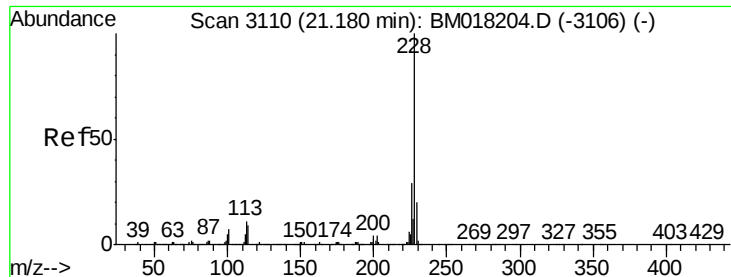
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.570 ng

RT: 21.18 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

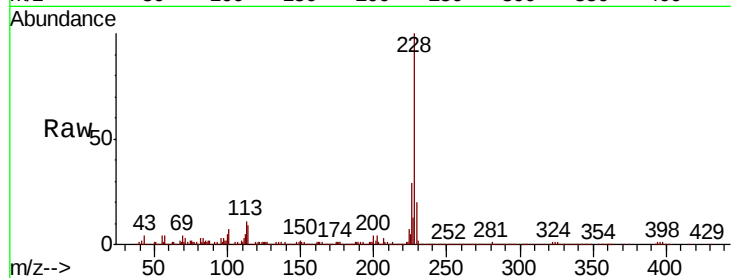
Tgt Ion:228 Resp: 1392792

Ion Ratio Lower Upper

228 100

226 28.8 23.1 34.7

229 19.6 15.8 23.6

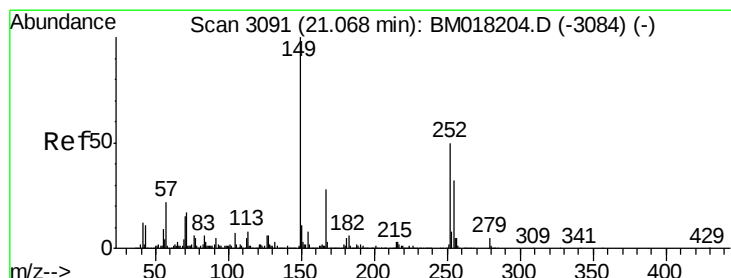
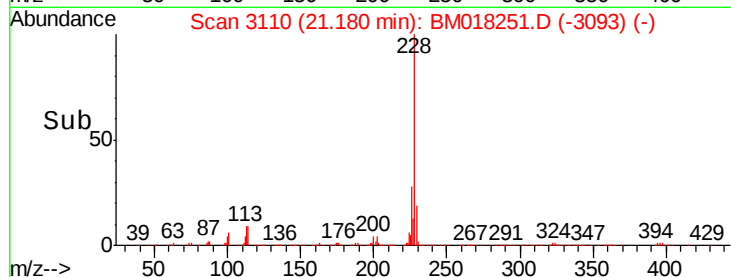
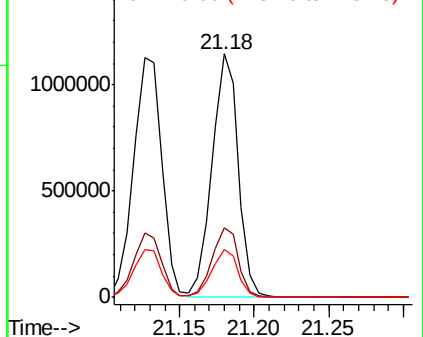


Abundance

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: 48.449 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

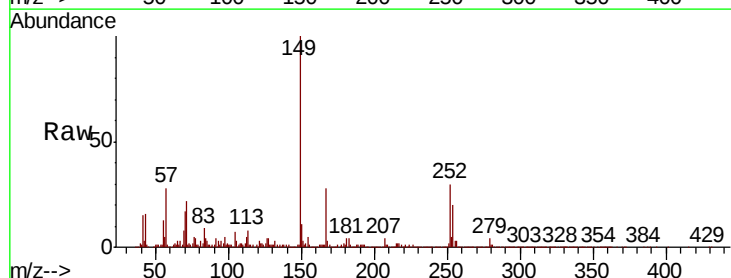
Tgt Ion:149 Resp: 1066567

Ion Ratio Lower Upper

149 100

167 27.7 22.7 34.1

279 4.5 3.9 5.9

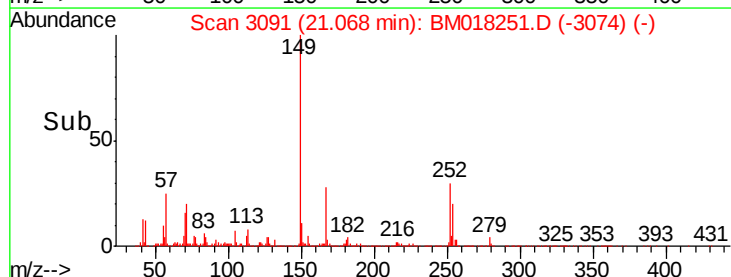
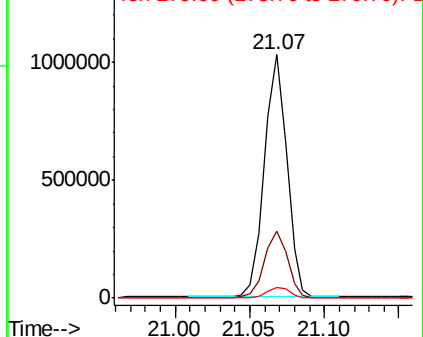


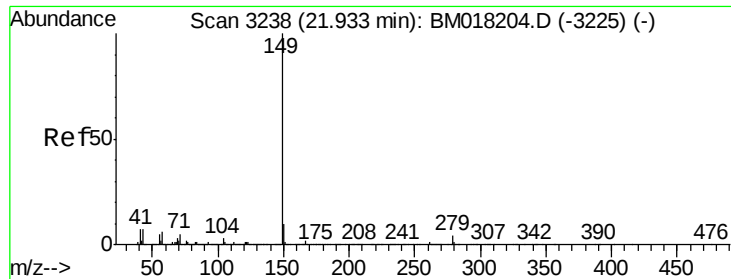
Abundance

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: 49.590 ng

RT: 21.93 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

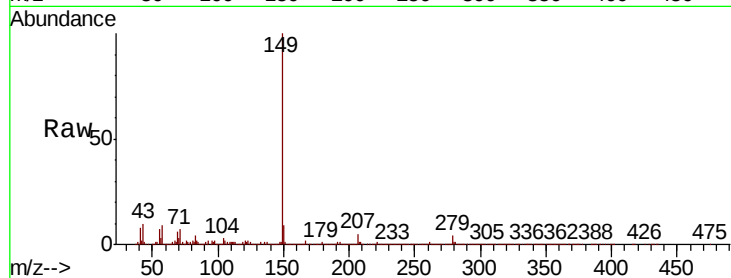
Tgt Ion:149 Resp: 1787905

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

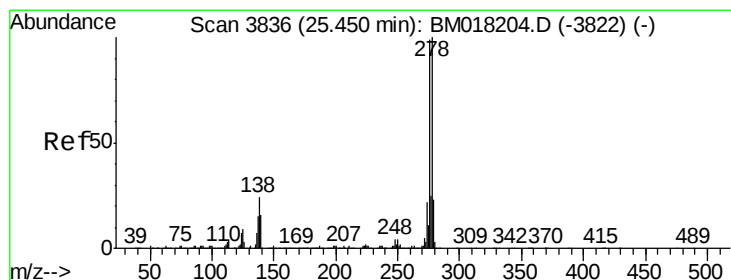
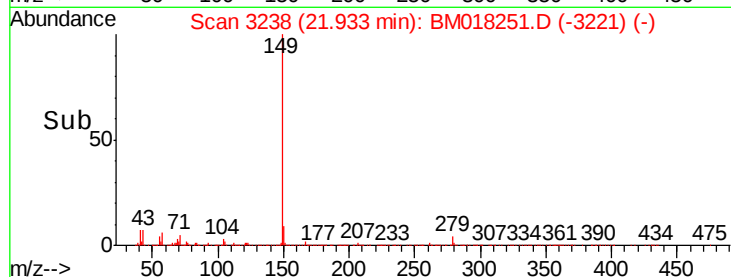
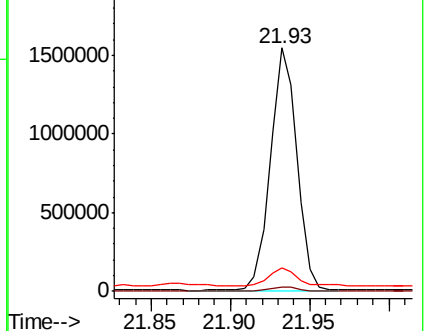
43 7.5 6.2 9.4



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: 68.110 ng

RT: 25.45 min Scan# 3836

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

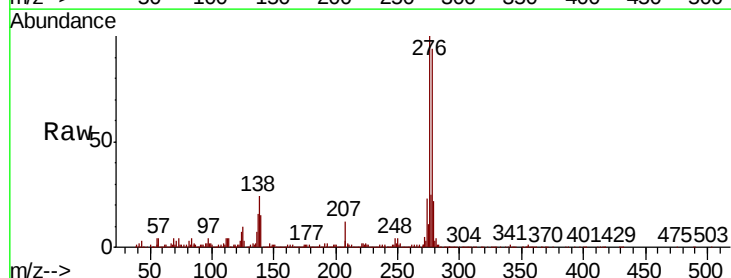
Tgt Ion:276 Resp: 1986432

Ion Ratio Lower Upper

276 100

138 23.0 18.6 28.0

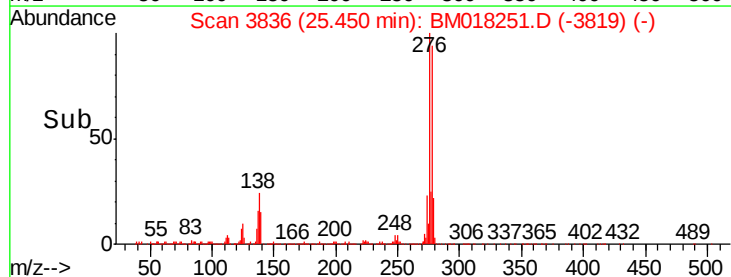
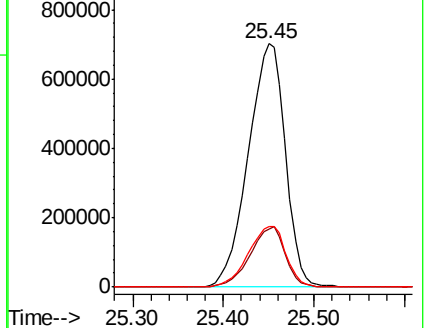
277 25.2 20.3 30.5

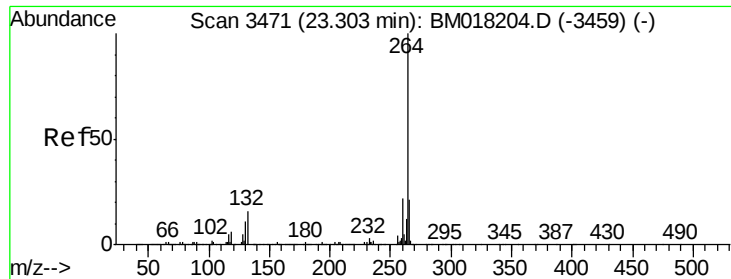


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

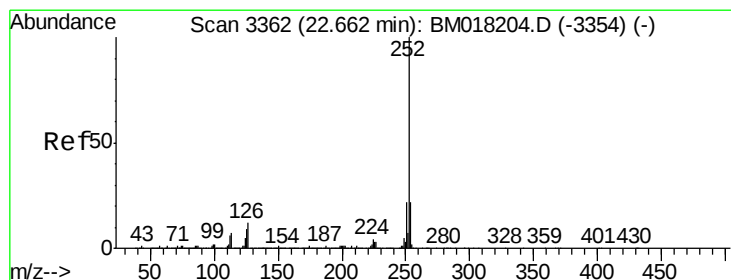
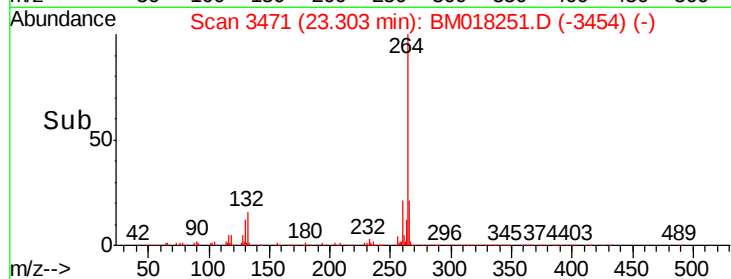
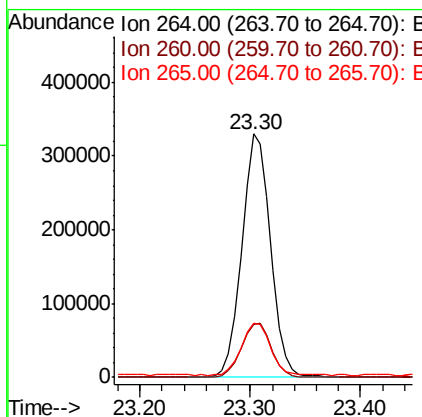
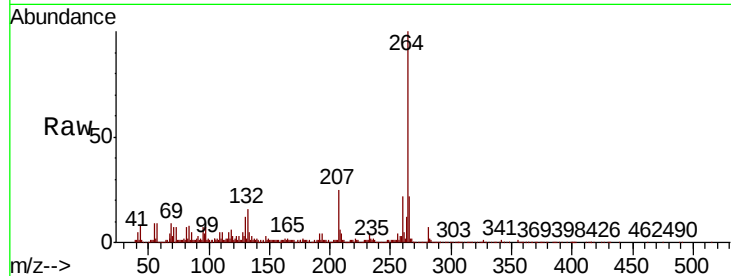




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. -0.00 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

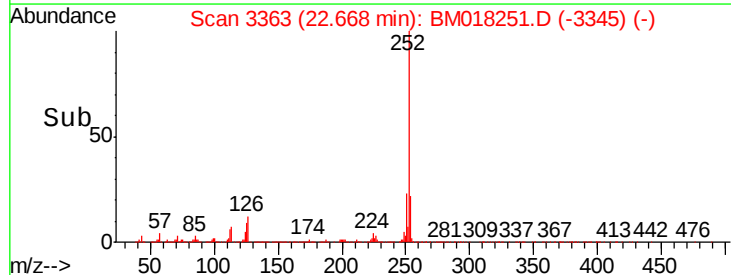
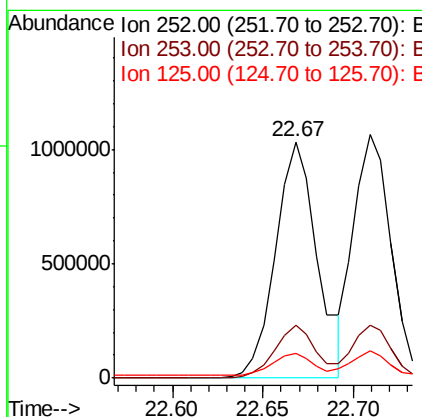
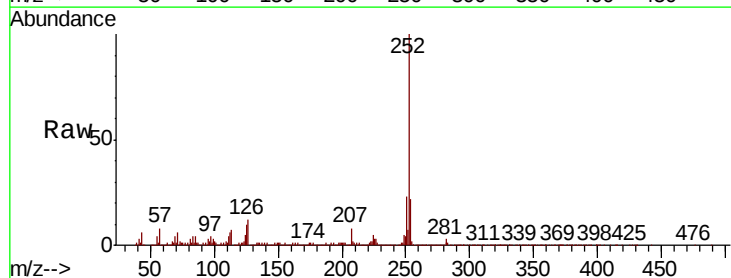
Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MSD

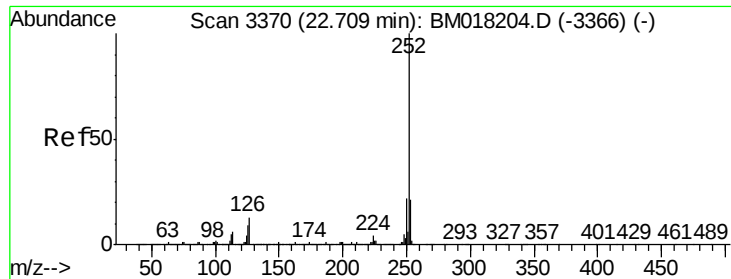
Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.5	26.3
265	22.5	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 49.377 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM018251.D
Acq: 17 Dec 2018 16:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.2	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 45.300 ng

RT: 22.71 min Scan# 3370

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

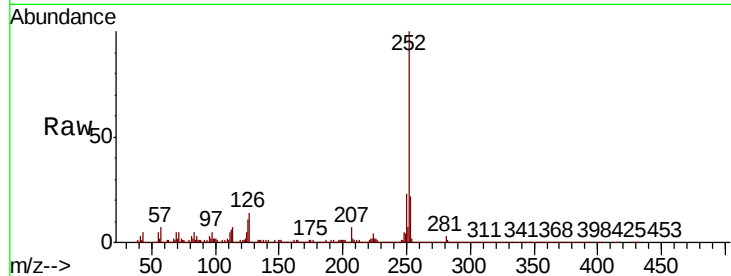
Tgt Ion:252 Resp: 1517616

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

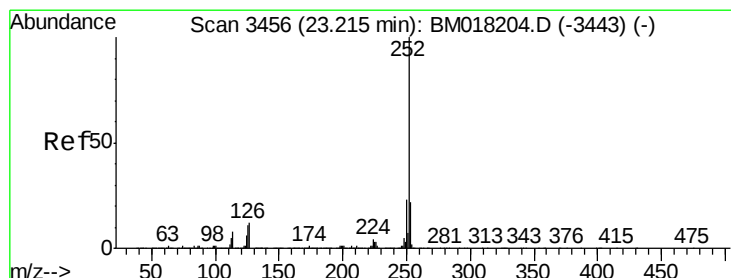
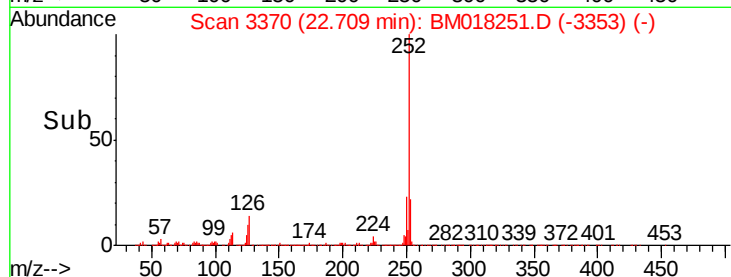
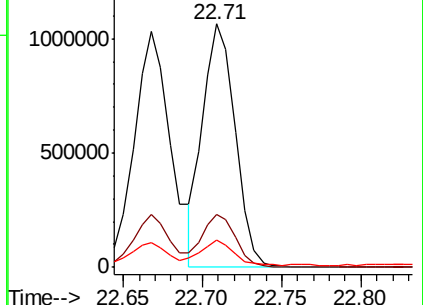
125 11.3 7.5 11.3



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: 49.271 ng

RT: 23.21 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

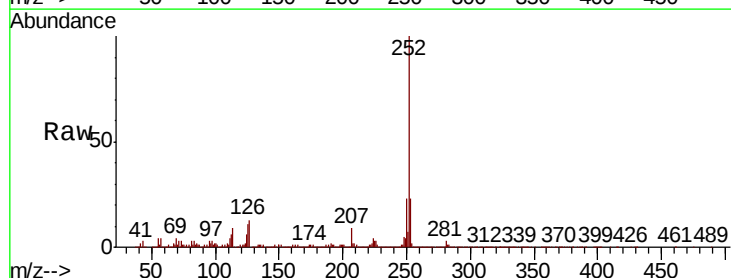
Tgt Ion:252 Resp: 1576367

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

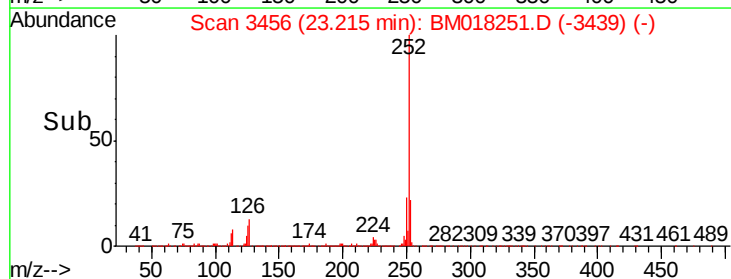
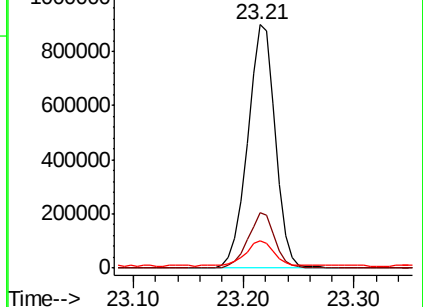
125 11.2 8.6 12.8

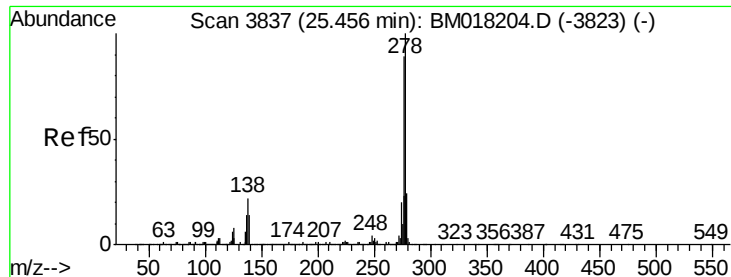


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 57.392 ng

RT: 25.46 min Scan# 3837

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

Instrument :

BNA_M

ClientSampleId :

P001-SD012-0612-01MSD

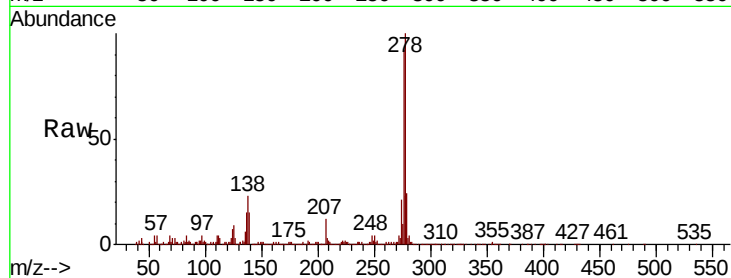
Tgt Ion:278 Resp: 1700925

Ion Ratio Lower Upper

278 100

139 15.0 11.6 17.4

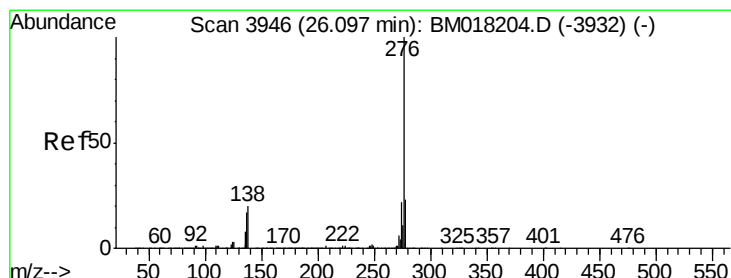
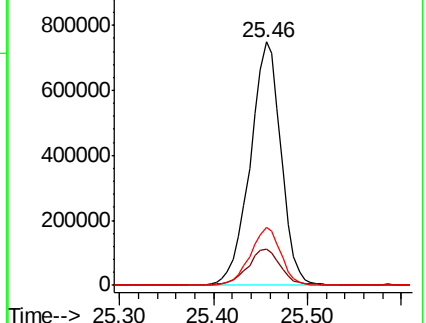
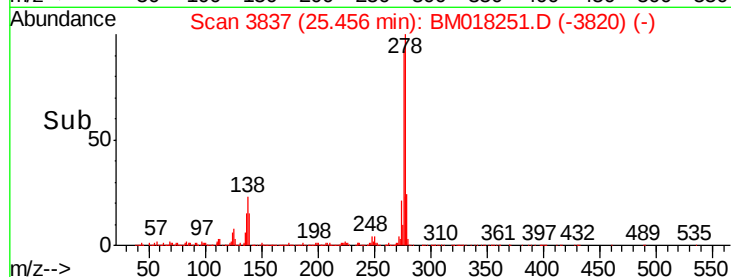
279 23.9 19.2 28.8



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: 58.904 ng

RT: 26.10 min Scan# 3946

Delta R.T. -0.00 min

Lab File: BM018251.D

Acq: 17 Dec 2018 16:26

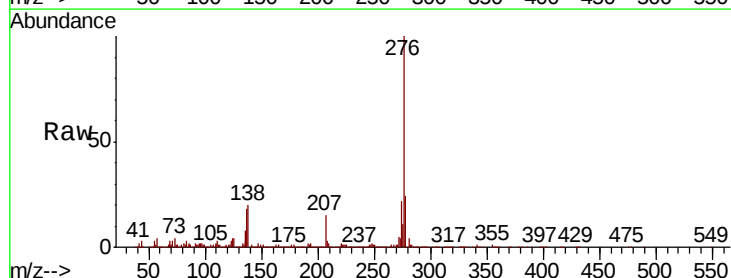
Tgt Ion:276 Resp: 1650199

Ion Ratio Lower Upper

276 100

277 23.7 18.7 28.1

138 19.6 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

