

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018308.D
 Acq On : 19 Dec 2018 22:12
 Operator : JU/SJ
 Sample : J6378-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Quant Time: Dec 20 01:08:35 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	7.48	152	101731	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	374715	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	185824	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	371838	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	440370	20.00	ng	-0.01
87) Perylene-d12	23.29	264	509951	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	843702	138.54	ng	0.00
7) Phenol-d6	6.69	99	1101288	130.11	ng	-0.01
23) Nitrobenzene-d5	8.65	82	708525	96.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	323834	118.73	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1080756	75.33	ng	-0.02
79) Terphenyl-d14	19.56	244	1235654	63.46	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	93455	38.739	ng	98
3) Pyridine	3.50	79	272674	38.421	ng	98
4) n-Nitrosodimethylamine	3.42	42	121062	49.559	ng	# 97
6) Aniline	6.83	93	238376	22.449	ng	98
8) 2-Chlorophenol	7.06	128	292795	40.693	ng	95
9) Benzaldehyde	6.65	77	99908	19.364	ng	92
10) Phenol	6.72	94	428655	47.818	ng	99
11) bis(2-Chloroethyl)ether	6.93	93	282341	39.630	ng	99
12) 1,3-Dichlorobenzene	7.37	146	311768	38.802	ng	99
13) 1,4-Dichlorobenzene	7.52	146	318023	38.978	ng	99
14) 1,2-Dichlorobenzene	7.83	146	303005	38.524	ng	99
15) Benzyl Alcohol	7.74	79	270676	39.245	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.00	45	230203	35.906	ng	93
17) 2-Methylphenol	7.94	107	238145	39.786	ng	95
18) Hexachloroethane	8.53	117	120309	40.230	ng	97
19) n-Nitroso-di-n-propylamine	8.29	70	234705	37.136	ng	96
20) 3+4-Methylphenols	8.27	107	311891	37.186	ng	97
22) Acetophenone	8.31	105	432012	43.566	ng	# 98
24) Nitrobenzene	8.69	77	340401	46.634	ng	97
25) Isophorone	9.20	82	575010	47.278	ng	98
26) 2-Nitrophenol	9.39	139	148691	41.532	ng	93
27) 2,4-Dimethylphenol	9.46	122	236980	45.928	ng	98
28) bis(2-Chloroethoxy)methane	9.69	93	347565	43.840	ng	99
29) 2,4-Dichlorophenol	9.92	162	239847	41.925	ng	97
30) 1,2,4-Trichlorobenzene	10.12	180	271803	41.769	ng	93
31) Naphthalene	10.30	128	813413	44.394	ng	99
32) Benzoic acid	9.59	122	47217	9.664	ng	96
33) 4-Chloroaniline	10.44	127	108447	13.512	ng	97
34) Hexachlorobutadiene	10.57	225	165714	40.265	ng	97
35) Caprolactam	11.23	113	69079	31.689	ng	92
36) 4-Chloro-3-methylphenol	11.57	107	262199	38.143	ng	99
37) 2-Methylnaphthalene	11.92	142	558405	43.215	ng	98
38) 1-Methylnaphthalene	12.15	142	526385	41.748	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	280512	43.898	ng	98

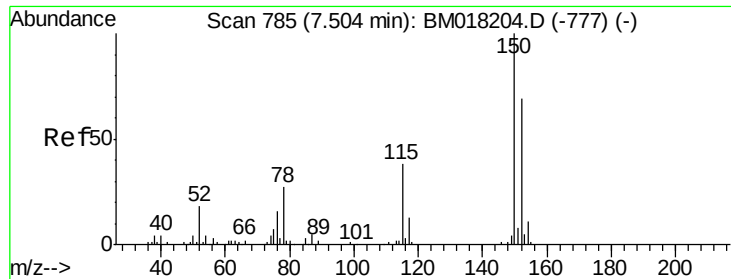
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	232167	82.668	ng	99
43) 2,4,6-Trichlorophenol	12.56	196	180703	43.968	ng	99
44) 2,4,5-Trichlorophenol	12.64	196	188076	43.105	ng	96
46) 1,1'-Biphenyl	12.96	154	677728	40.540	ng	100
47) 2-Chloronaphthalene	13.00	162	529378	43.024	ng	99
48) 2-Nitroaniline	13.23	65	166622	43.960	ng	90
49) Acenaphthylene	13.86	152	823784	44.427	ng	98
50) Dimethylphthalate	13.62	163	694000	44.923	ng	100
51) 2,6-Dinitrotoluene	13.75	165	136981	40.334	ng	90
52) Acenaphthene	14.21	154	468582	41.351	ng	99
53) 3-Nitroaniline	14.08	138	99534	27.850	ng	87
54) 2,4-Dinitrophenol	14.30	184	121085	64.633	ng	93
55) Dibenzofuran	14.54	168	744549	40.891	ng	97
56) 4-Nitrophenol	14.42	139	202290	74.654	ng	86
57) 2,4-Dinitrotoluene	14.55	165	186426	39.713	ng	# 90
58) Fluorene	15.20	166	591468	42.058	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	163133	41.515	ng	# 97
60) Diethylphthalate	14.99	149	626770	37.594	ng	97
61) 4-Chlorophenyl-phenylether	15.20	204	304512	38.287	ng	98
62) 4-Nitroaniline	15.26	138	117631	34.687	ng	87
63) Azobenzene	15.50	77	639538	42.070	ng	97
65) 4,6-Dinitro-2-methylphenol	15.32	198	92158	33.667	ng	92
66) n-Nitrosodiphenylamine	15.43	169	515439	41.919	ng	100
67) 4-Bromophenyl-phenylether	16.10	248	177801	39.482	ng	100
68) Hexachlorobenzene	16.21	284	193142	39.149	ng	98
69) Atrazine	16.40	200	183933	44.310	ng	98
70) Pentachlorophenol	16.56	266	234817	72.069	ng	98
71) Phenanthrene	16.95	178	872472	43.197	ng	100
72) Anthracene	17.04	178	867589	43.299	ng	99
73) Carbazole	17.33	167	795204	38.665	ng	100
74) Di-n-butylphthalate	17.89	149	981811	38.691	ng	100
75) Fluoranthene	18.98	202	1032381	43.964	ng	99
77) Benzidine	19.19	184	247944	22.203	ng	99
78) Pyrene	19.34	202	1050185	40.023	ng	100
80) Butylbenzylphthalate	20.27	149	472573	37.858	ng	95
81) Benzo(a)anthracene	21.12	228	1140107	44.320	ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	325303	31.653	ng	98
83) Chrysene	21.17	228	1063609	42.986	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	703025	37.789	ng	99
85) Di-n-octyl phthalate	21.92	149	1287098	42.244	ng	99
86) Indeno(1,2,3-cd)pyrene	25.41	276	1543325	62.617	ng	98
88) Benzo(b)fluoranthene	22.65	252	1252937	43.740	ng	99
89) Benzo(k)fluoranthene	22.69	252	1210992	42.450	ng	99
90) Benzo(a)pyrene	23.20	252	1217653	44.694	ng	99
91) Dibenzo(a,h)anthracene	25.43	278	1296168	51.360	ng	99
92) Benzo(g,h,i)perylene	26.07	276	1275060	53.448	ng	98

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

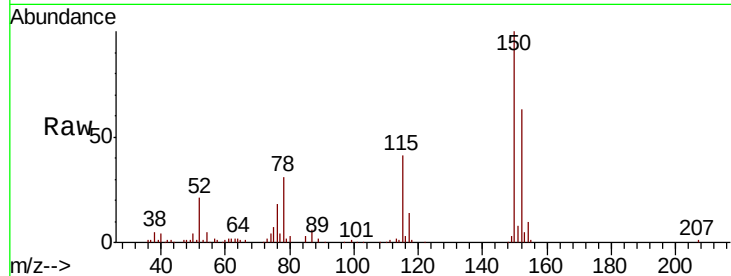


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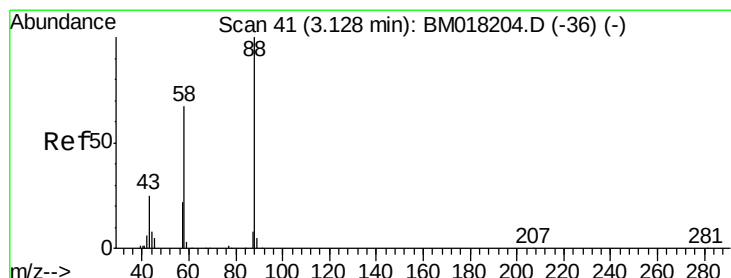
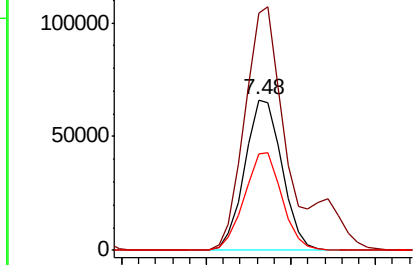
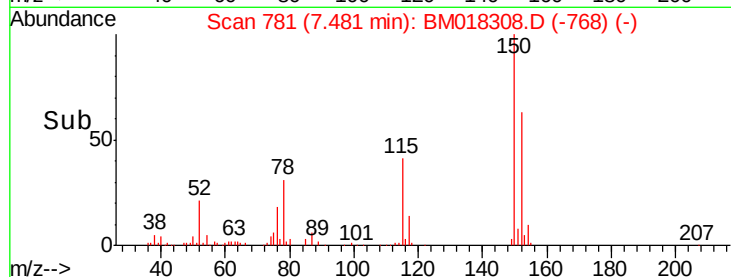
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion: 152 Resp: 101731
Ion Ratio Lower Upper
152 100
150 157.9 116.1 174.1
115 64.1 44.6 67.0



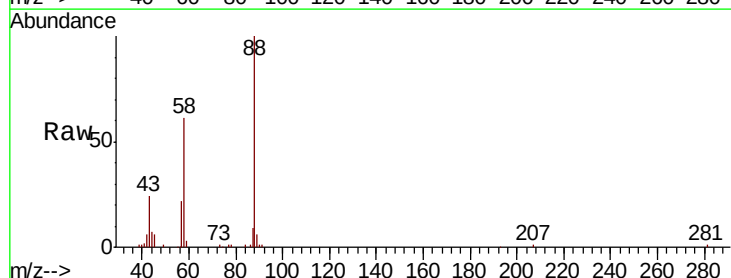
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



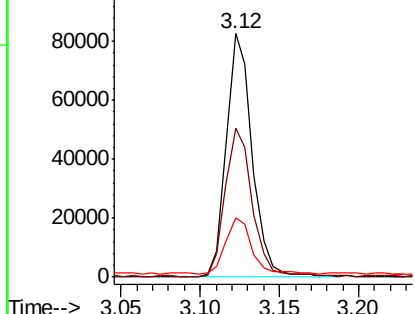
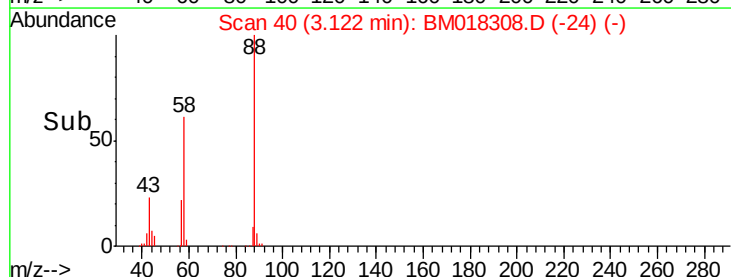
#2

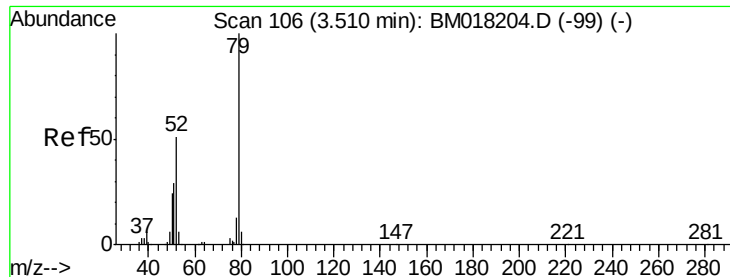
1,4-Dioxane
Concen: 38.739 ng
RT: 3.12 min Scan# 40
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion: 88 Resp: 93455
Ion Ratio Lower Upper
88 100
58 64.5 49.8 74.6
43 23.6 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: 38.421 ng

RT: 3.50 min Scan# 104

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

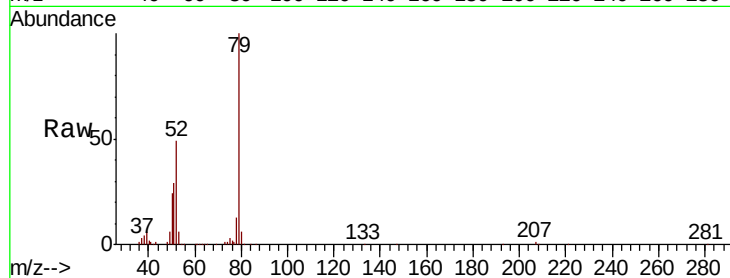
Tgt Ion: 79 Resp: 272674

Ion Ratio Lower Upper

79 100

52 49.1 40.7 61.1

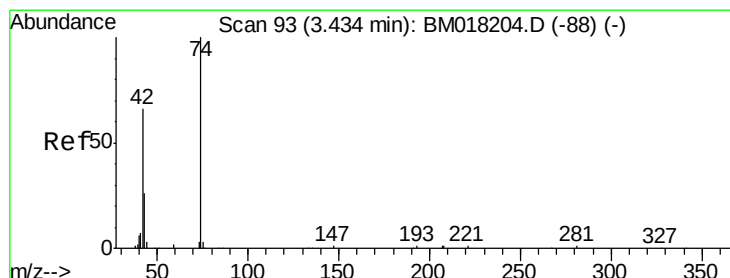
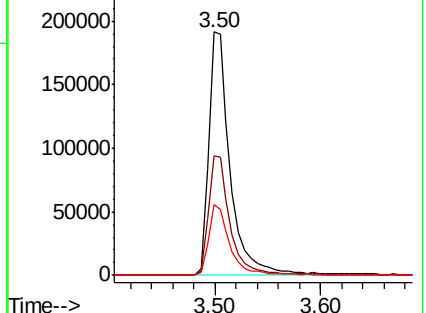
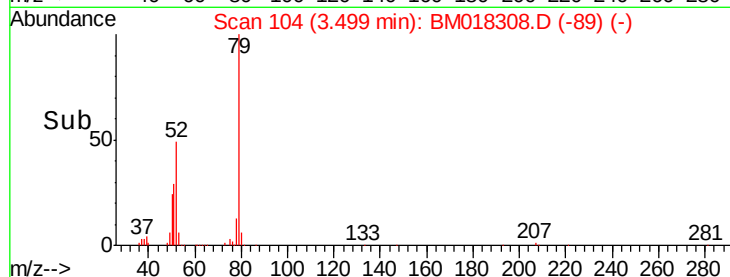
51 29.0 23.0 34.6



Abundance Ion 79.00 (78.70 to 79.70): BM018308.D (-89) (-)

Ion 52.00 (51.70 to 52.70): BM018308.D (-89) (-)

Ion 51.00 (50.70 to 51.70): BM018308.D (-89) (-)



#4

n-Nitrosodimethylamine

Concen: 49.559 ng

RT: 3.42 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

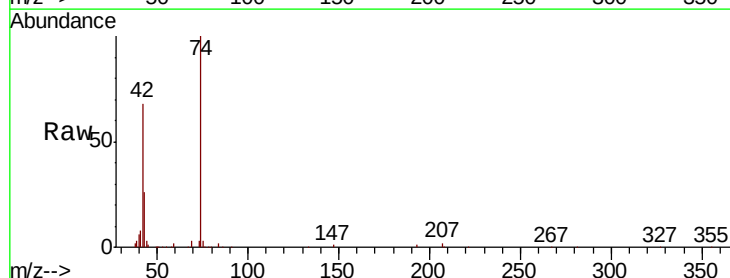
Tgt Ion: 42 Resp: 121062

Ion Ratio Lower Upper

42 100

74 146.9 120.4 180.6

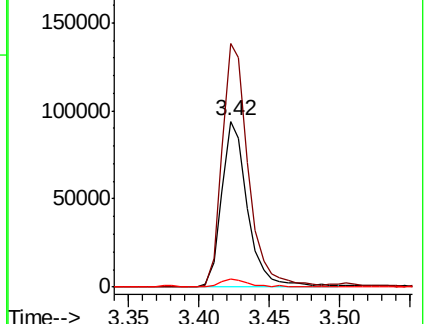
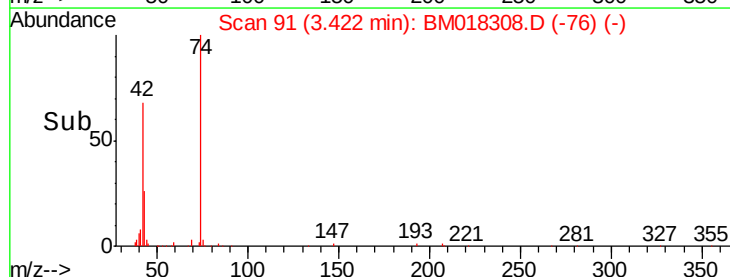
44 4.5 4.6 7.0#

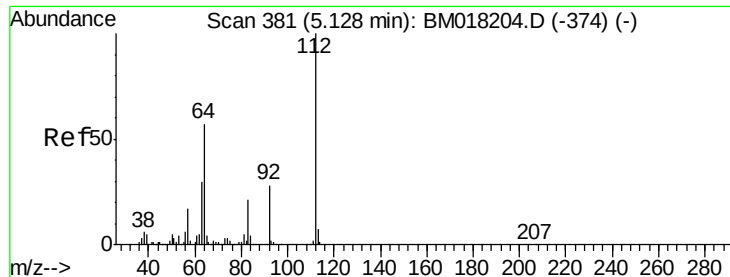


Abundance Ion 42.00 (41.70 to 42.70): BM018308.D (-76) (-)

Ion 74.00 (73.70 to 74.70): BM018308.D (-76) (-)

Ion 44.00 (43.70 to 44.70): BM018308.D (-76) (-)





#5

2-Fluorophenol

Concen: 138.541 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

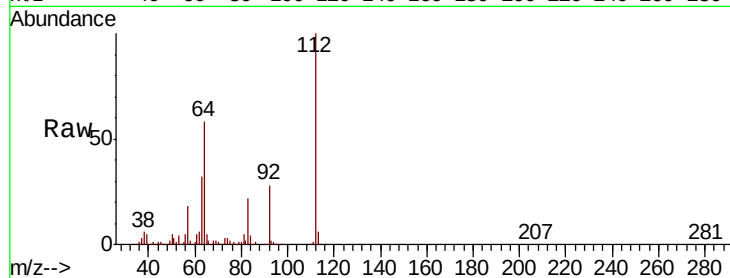
Tgt Ion: 112 Resp: 843702

Ion Ratio Lower Upper

112 100

64 58.3 45.4 68.2

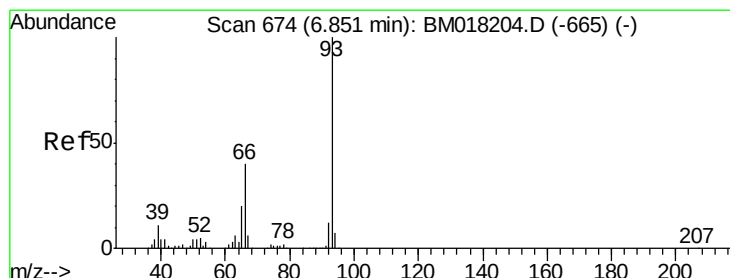
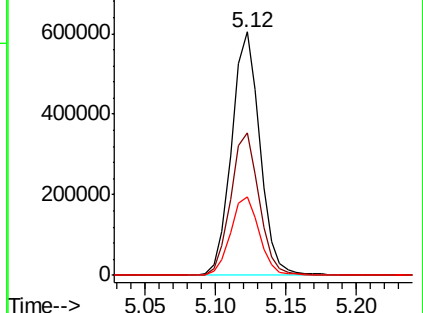
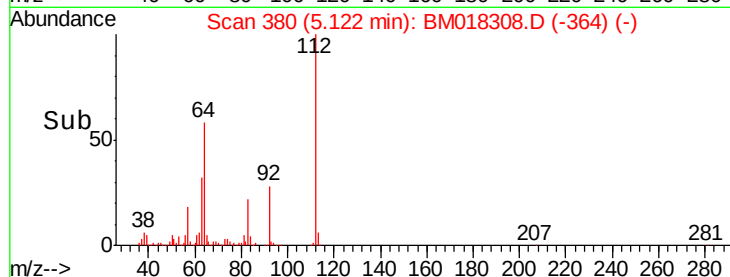
63 32.3 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 22.449 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

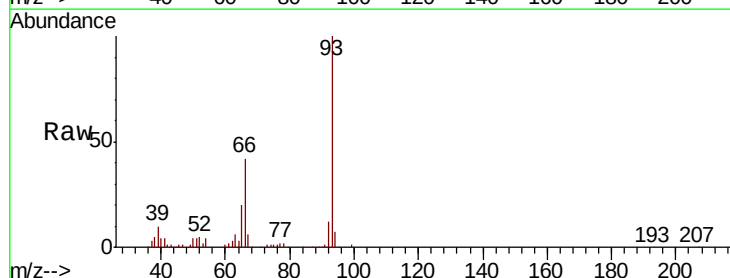
Tgt Ion: 93 Resp: 238376

Ion Ratio Lower Upper

93 100

66 41.8 32.3 48.5

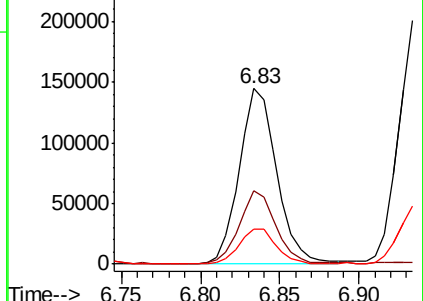
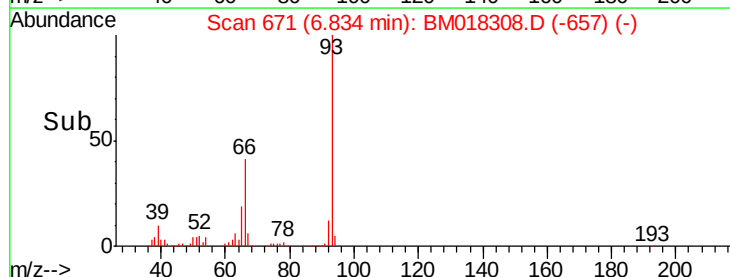
65 19.8 16.2 24.4

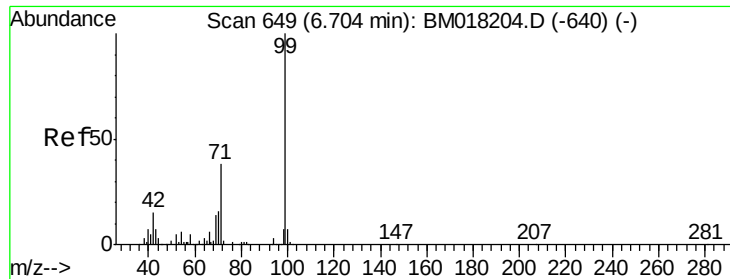


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 130.107 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

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ClientSampleId :

P001-SS001-0612-01MSD

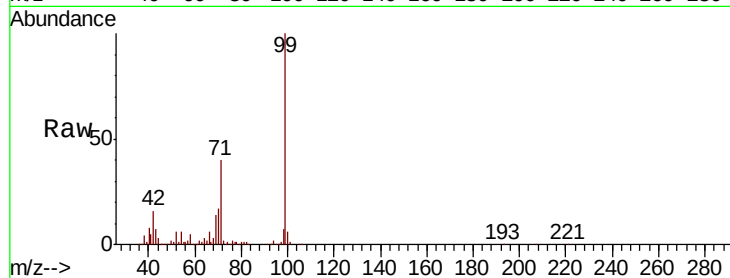
Tgt Ion: 99 Resp: 1101288

Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

71 39.6 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018308.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018308.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018308.D (-632) (-)

800000

600000

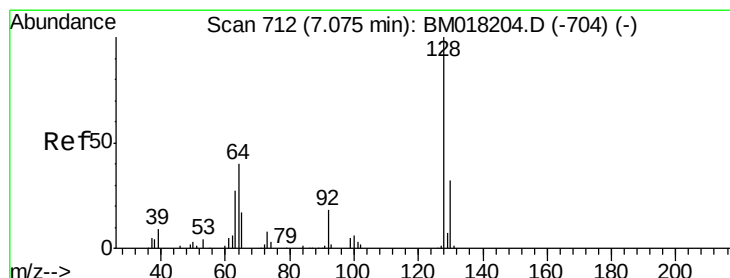
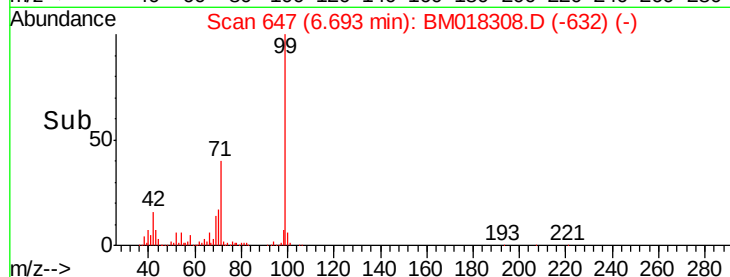
400000

200000

0

6.60 6.65 6.70 6.75

Time-->



#8

2-Chlorophenol

Concen: 40.693 ng

RT: 7.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

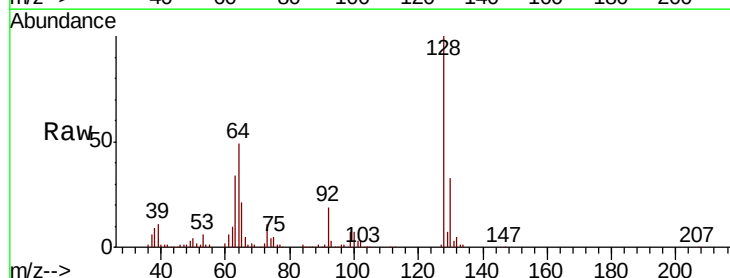
Tgt Ion: 128 Resp: 292795

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 49.0 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): BM018308.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018308.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018308.D (-695) (-)

250000

200000

150000

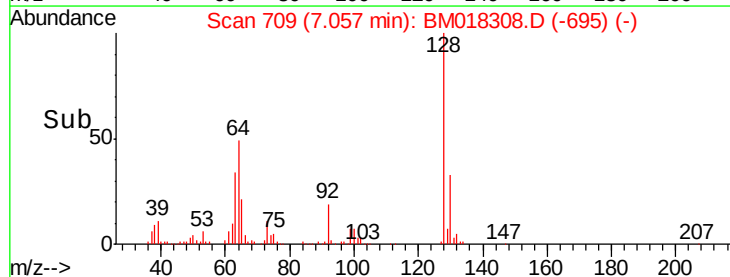
100000

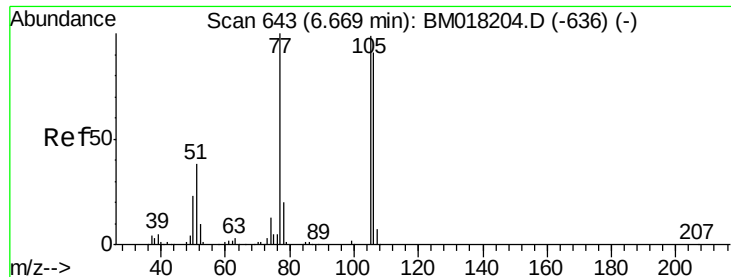
50000

0

7.00 7.05 7.10 7.15

Time-->





#9

Benzaldehyde

Concen: 19.364 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

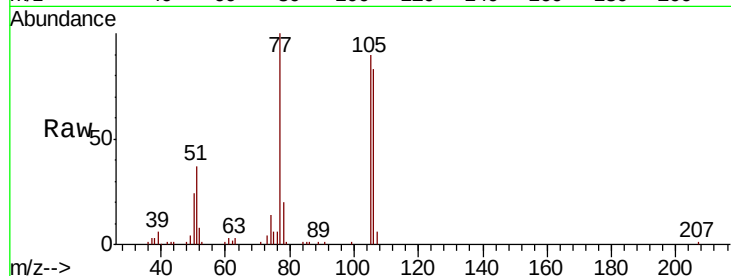
Tgt Ion: 77 Resp: 99908

Ion Ratio Lower Upper

77 100

105 90.3 78.8 118.8

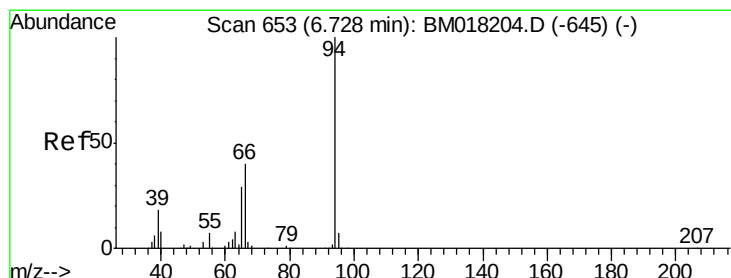
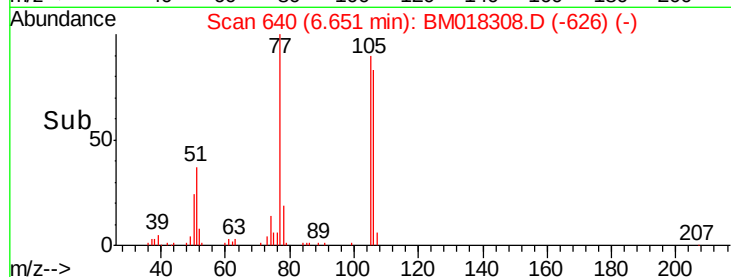
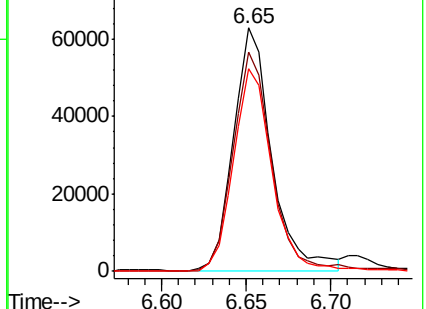
106 83.1 70.7 110.7



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) (-)



#10

Phenol

Concen: 47.818 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

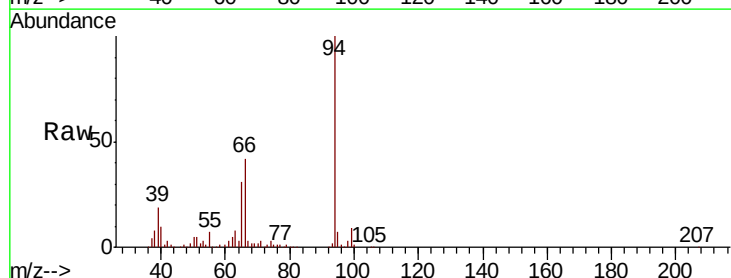
Tgt Ion: 94 Resp: 428655

Ion Ratio Lower Upper

94 100

65 30.6 9.5 49.5

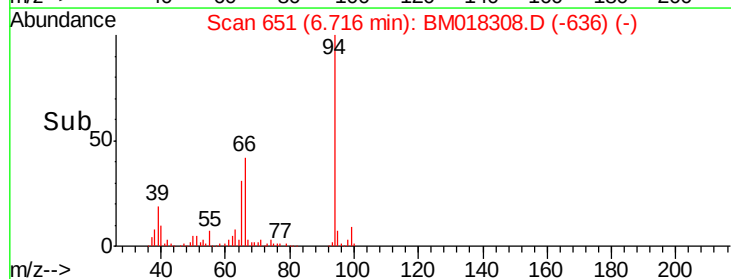
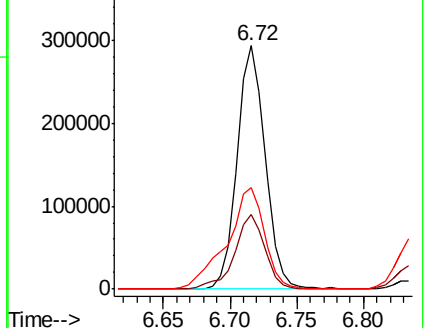
66 41.8 21.3 61.3

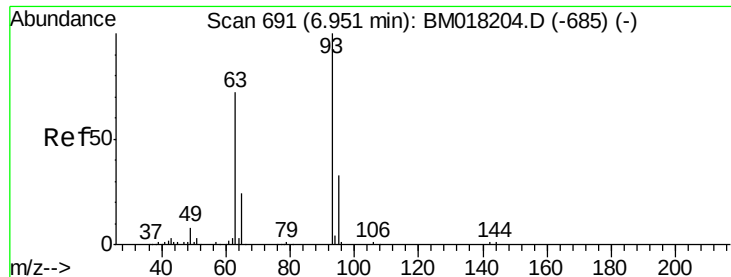


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

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

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

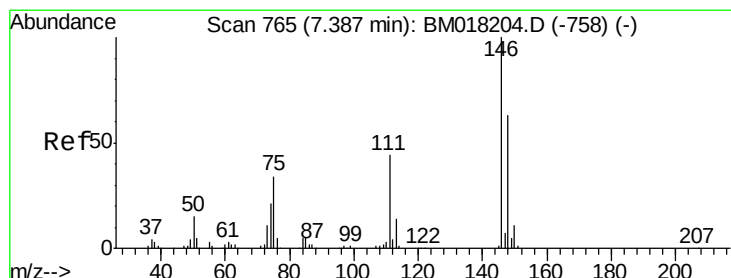
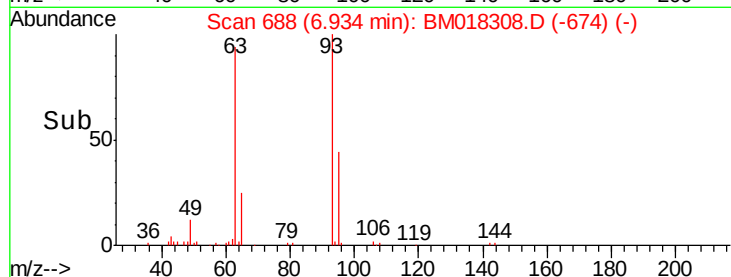
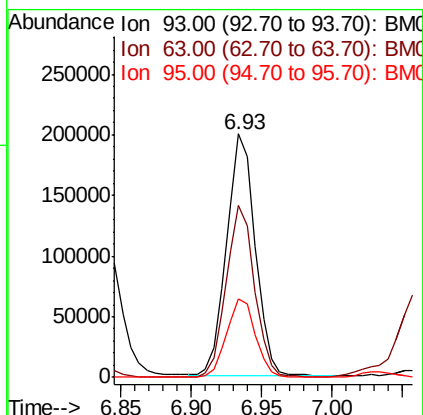
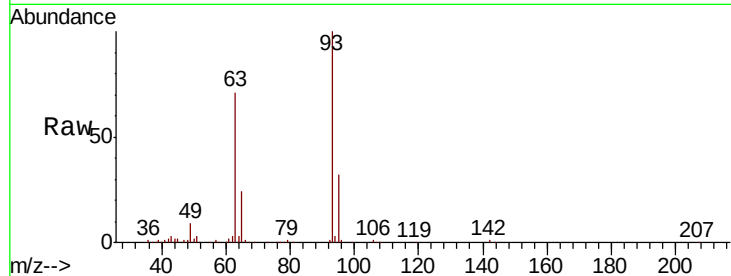




#11
bis(2-Chloroethyl)ether
Concen: 39.630 ng
RT: 6.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

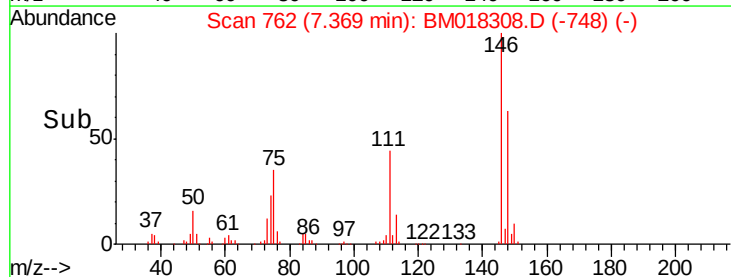
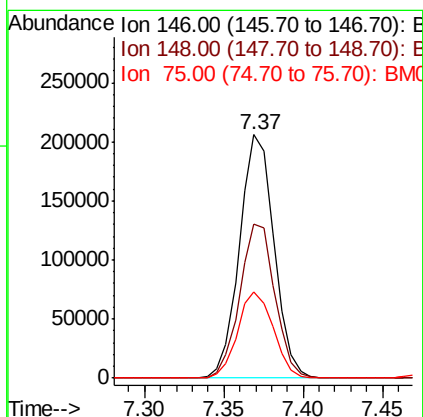
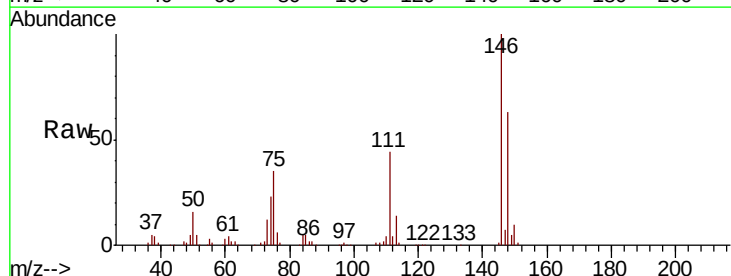
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

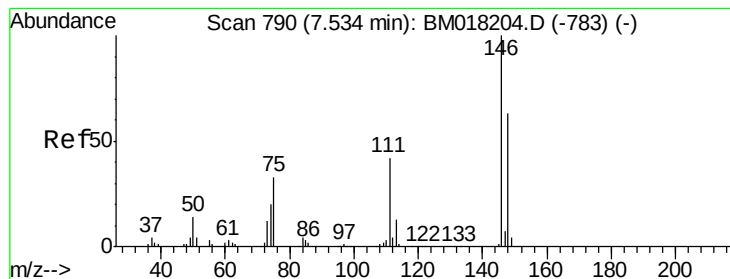
Tgt Ion: 93 Resp: 282341
Ion Ratio Lower Upper
93 100
63 70.7 51.7 91.7
95 32.2 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.802 ng
RT: 7.37 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion: 146 Resp: 311768
Ion Ratio Lower Upper
146 100
148 63.1 50.6 76.0
75 35.5 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 38.978 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

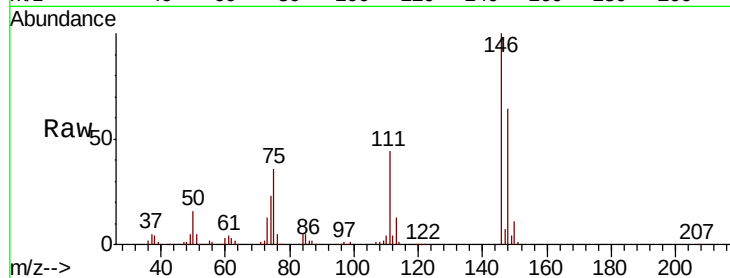
Tgt Ion:146 Resp: 318023

Ion Ratio Lower Upper

146 100

148 63.9 50.7 76.1

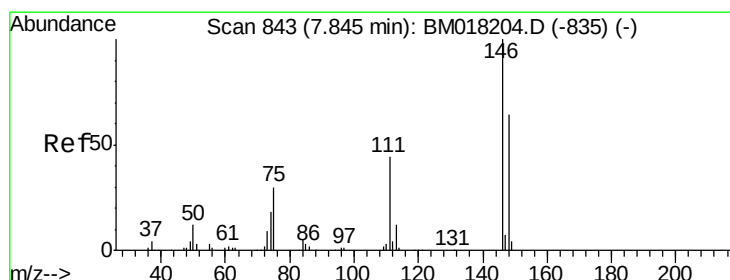
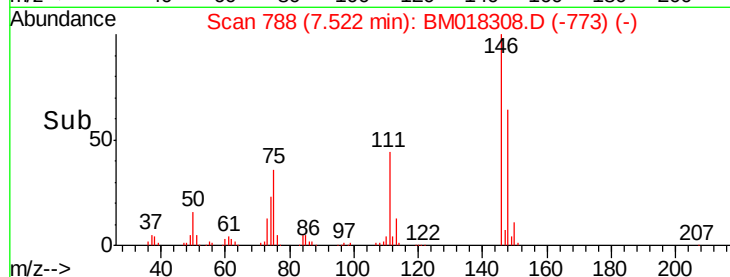
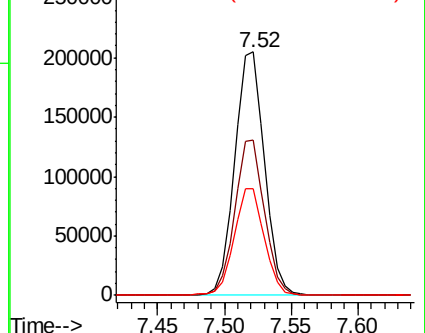
111 43.9 34.2 51.2



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: 38.524 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

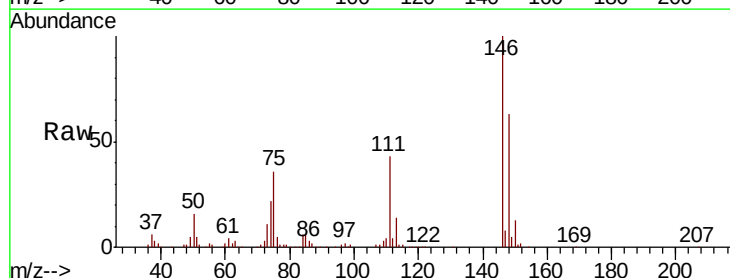
Tgt Ion:146 Resp: 303005

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

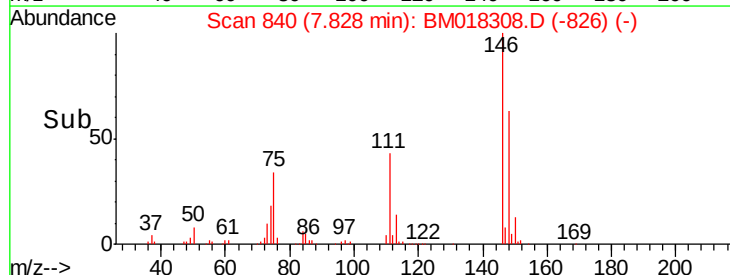
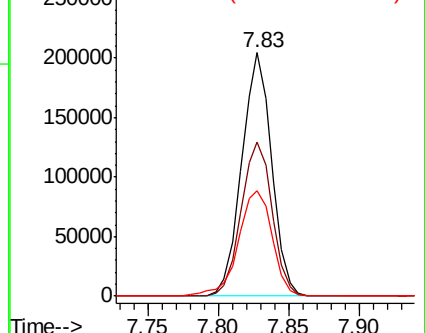
111 43.3 35.8 53.8

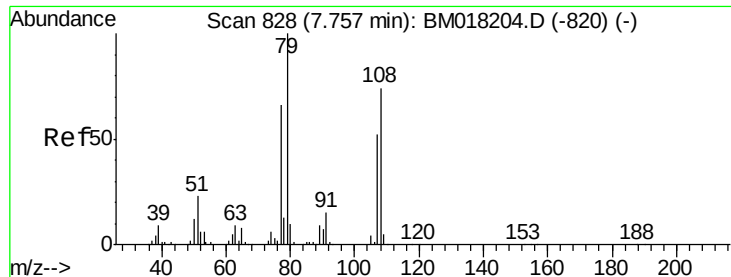


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.245 ng

RT: 7.74 min Scan# 825

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

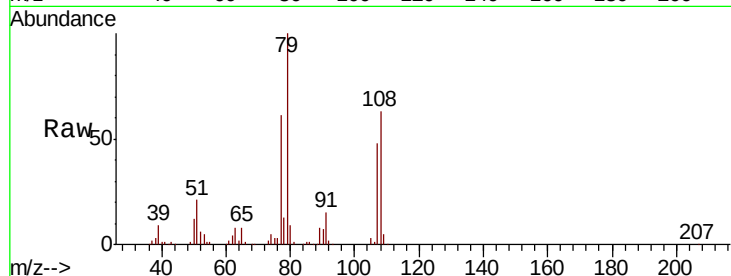
Tgt Ion: 79 Resp: 270676

Ion Ratio Lower Upper

79 100

108 63.4 59.3 88.9

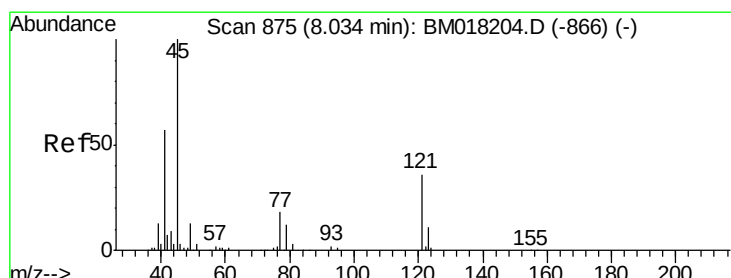
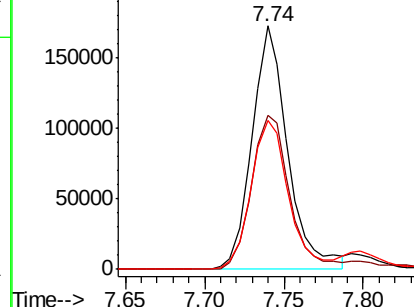
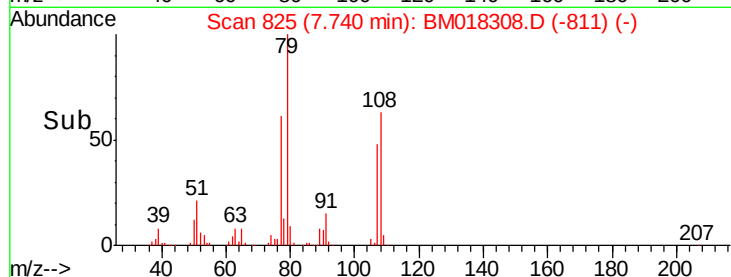
77 61.3 53.0 79.4



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: 35.906 ng

RT: 8.00 min Scan# 870

Delta R.T. -0.03 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

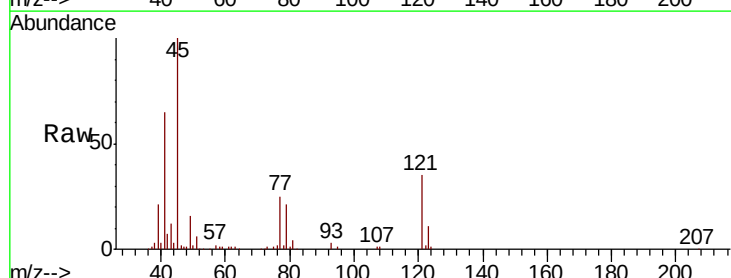
Tgt Ion: 45 Resp: 230203

Ion Ratio Lower Upper

45 100

77 25.3 2.5 42.5

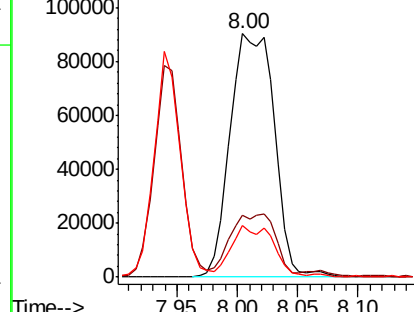
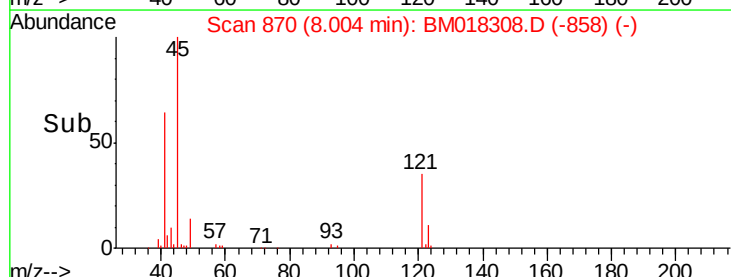
79 21.1 0.0 37.2

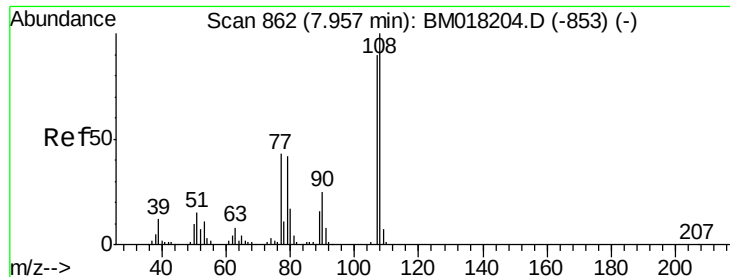


Abundance Ion 45.00 (44.70 to 45.70): BM018204.D (-866) (-)

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

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

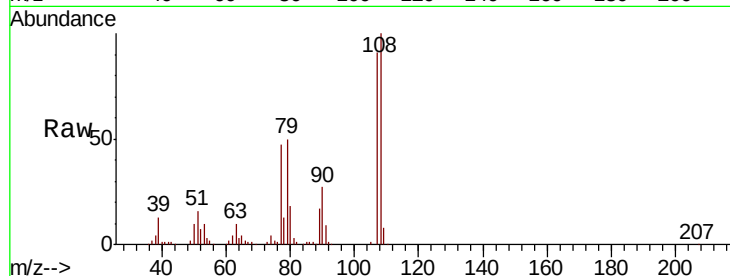




#17
2-Methylphenol
Concen: 39.786 ng
RT: 7.94 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion:	107	Resp:	238145
Ion	Ratio	Lower	Upper
107	100		
108	109.5	89.3	133.9
77	51.7	38.2	57.4
79	55.3	37.7	56.5



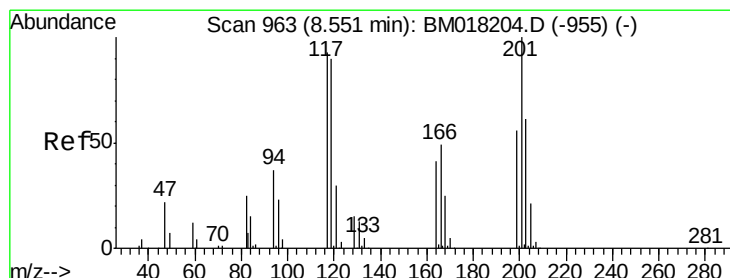
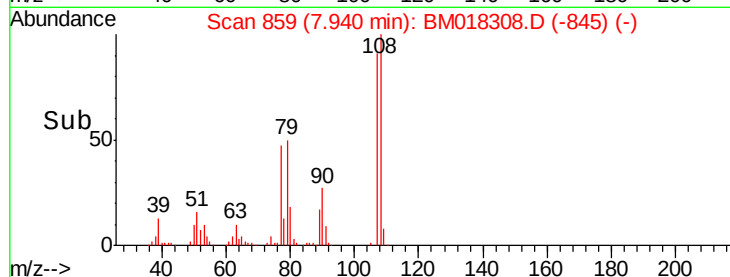
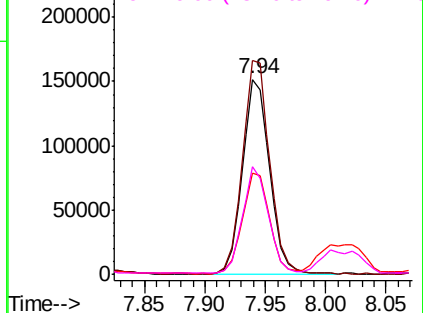
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

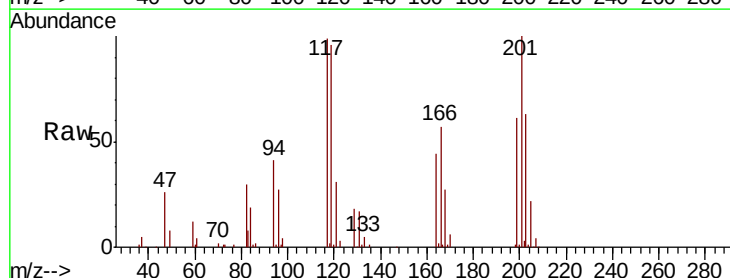
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 40.230 ng
RT: 8.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:	117	Resp:	120309
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.4
201	100.6	85.7	128.5

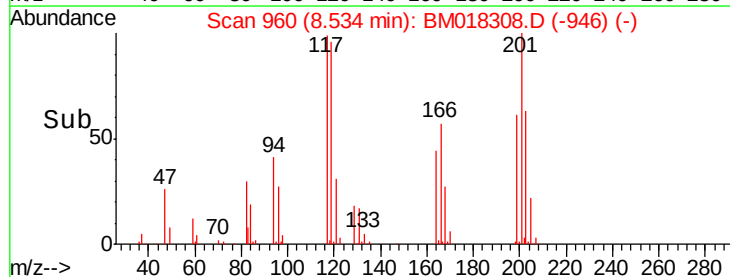
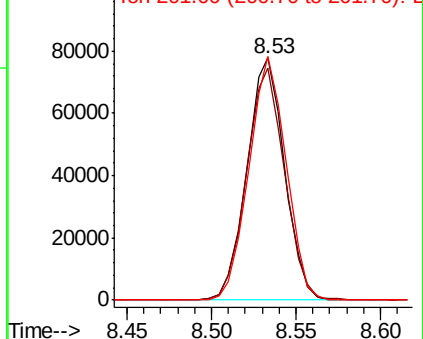


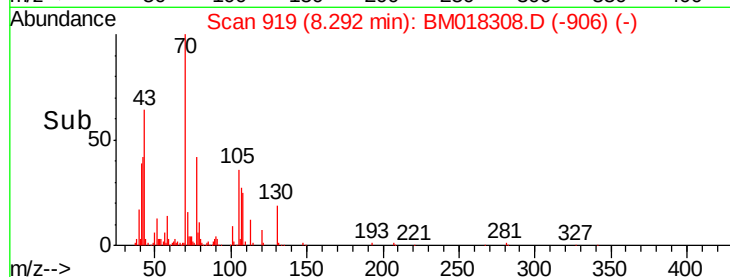
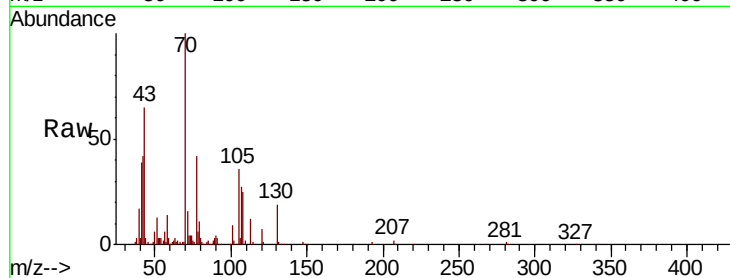
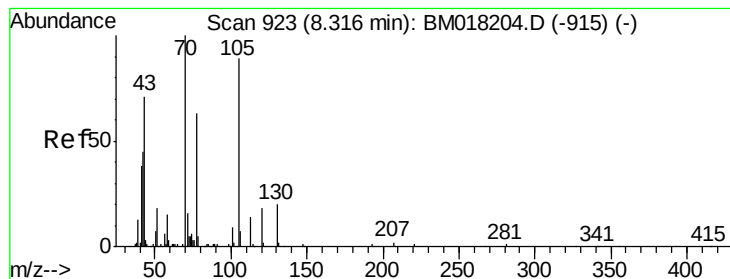
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.136 ng

RT: 8.29 min Scan# 919

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

Tgt Ion: 70 Resp: 234705

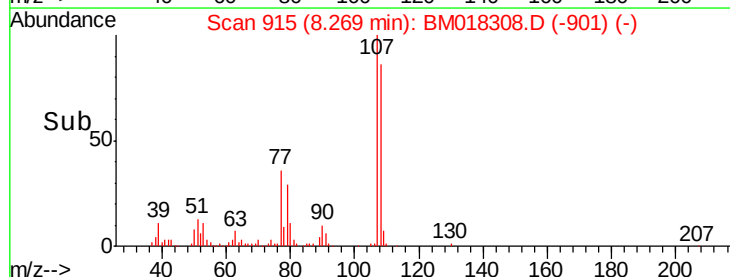
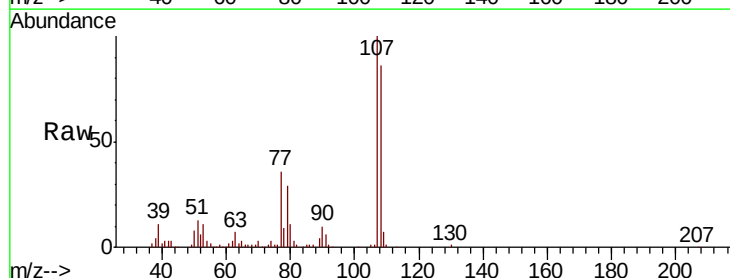
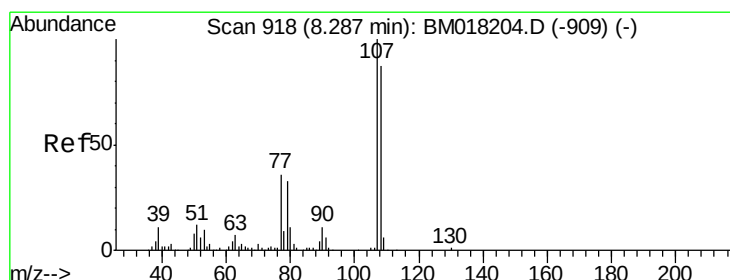
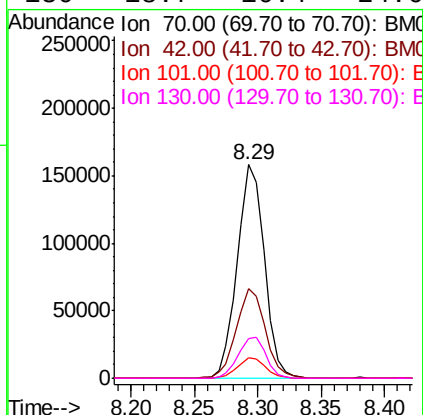
Ion Ratio Lower Upper

70 100

42 41.7 36.2 54.2

101 9.4 7.5 11.3

130 18.7 16.4 24.6



#20

3+4-Methylphenols

Concen: 37.186 ng

RT: 8.27 min Scan# 915

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion: 107 Resp: 311891

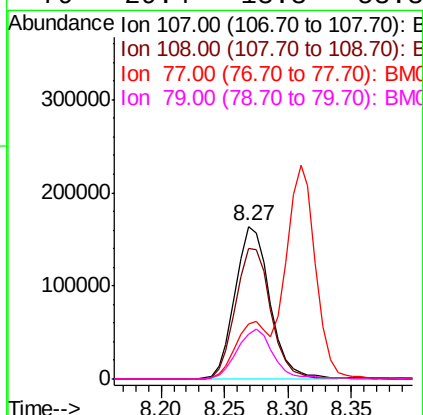
Ion Ratio Lower Upper

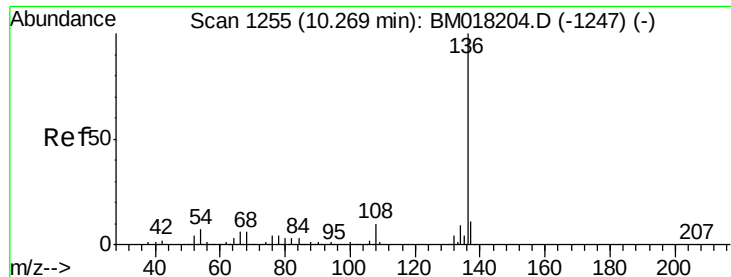
107 100

108 85.7 67.4 107.4

77 36.0 15.7 55.7

79 29.4 13.3 53.3

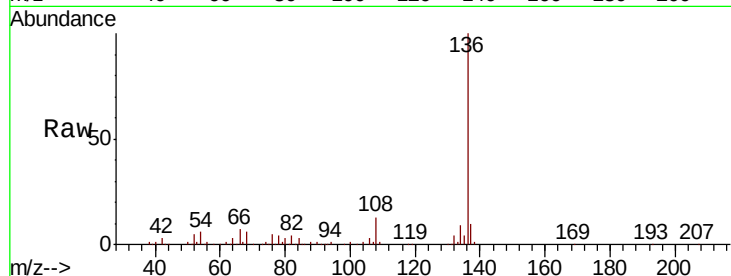




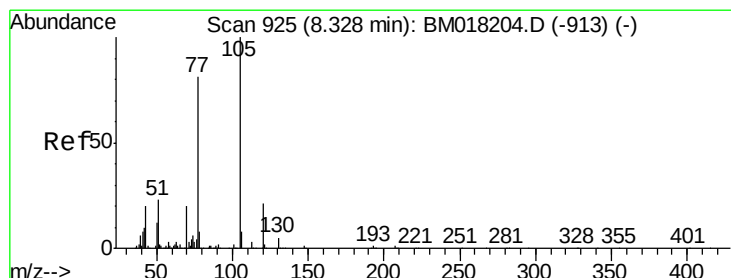
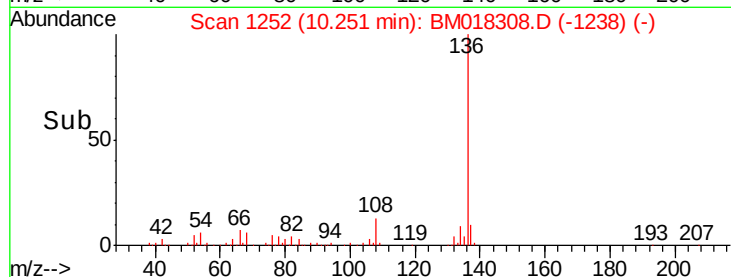
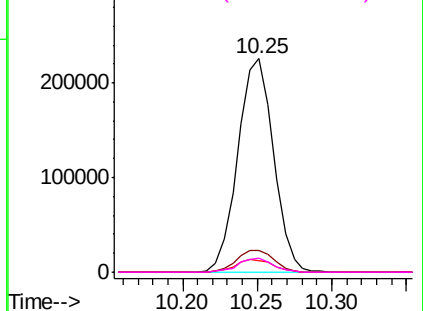
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion:	136	Resp:	374715
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	5.7	5.2	7.8
68	6.3	5.0	7.6

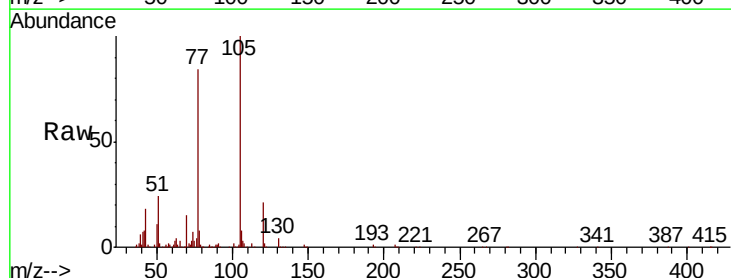


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

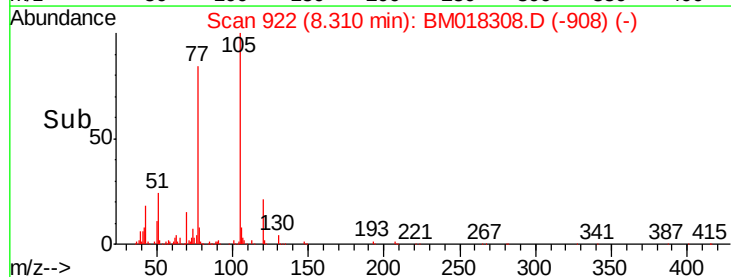
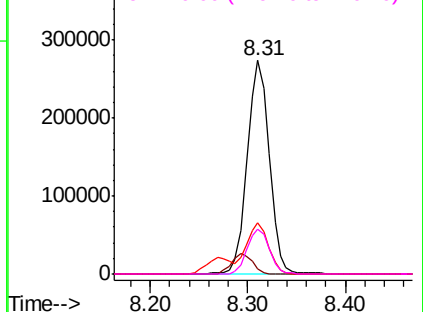


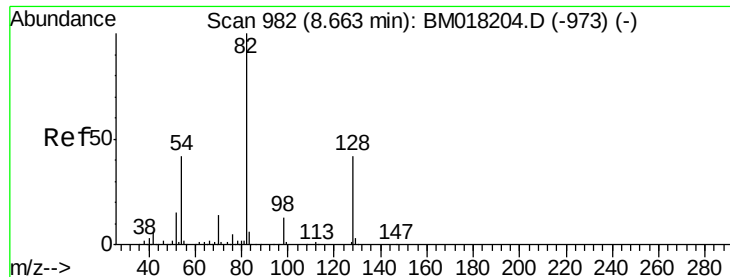
#22
Acetophenone
Concen: 43.566 ng
RT: 8.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:	105	Resp:	432012
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.6	4.0#
51	24.3	18.3	27.5
120	20.7	17.0	25.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

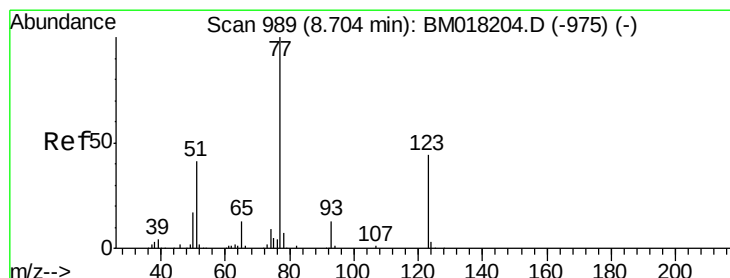
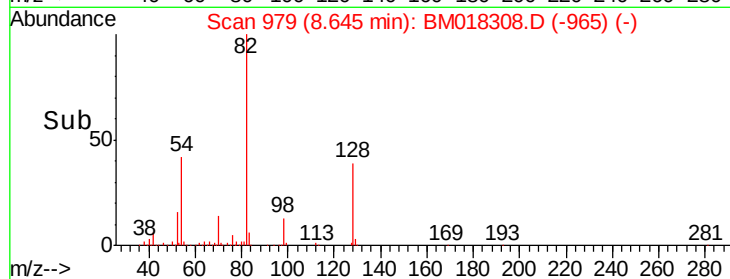
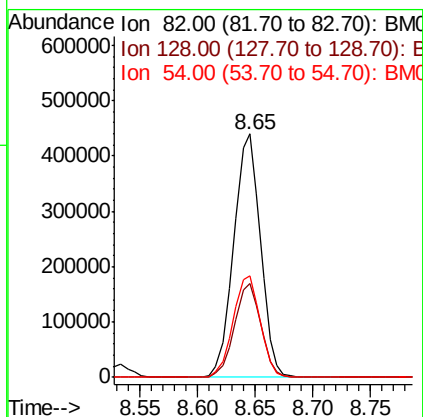
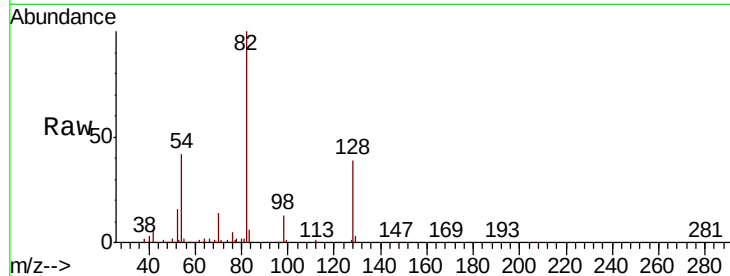




#23
 Nitrobenzene-d5
 Concen: 96.988 ng
 RT: 8.65 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

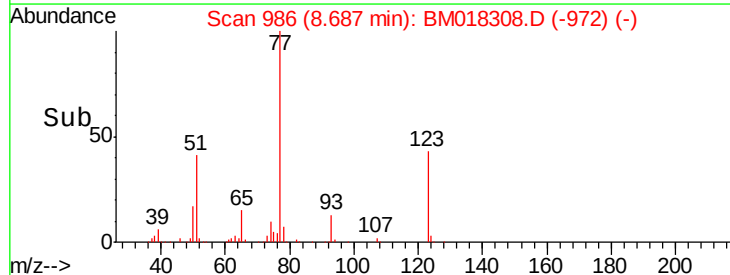
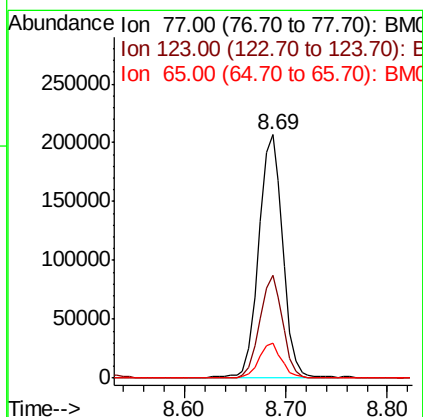
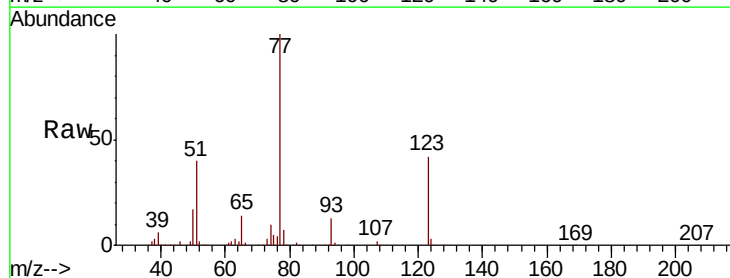
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

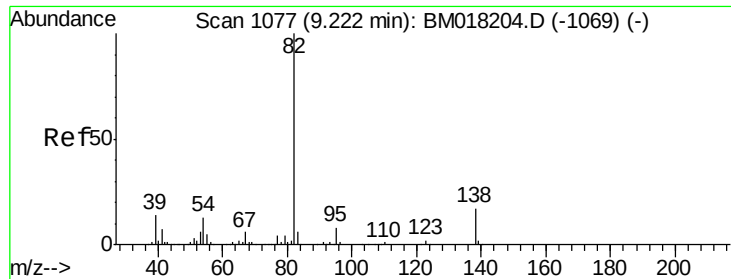
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.4	50.2
54	41.9	33.4	50.2



#24
 Nitrobenzene
 Concen: 46.634 ng
 RT: 8.69 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.4	53.2
65	14.5	10.6	15.8

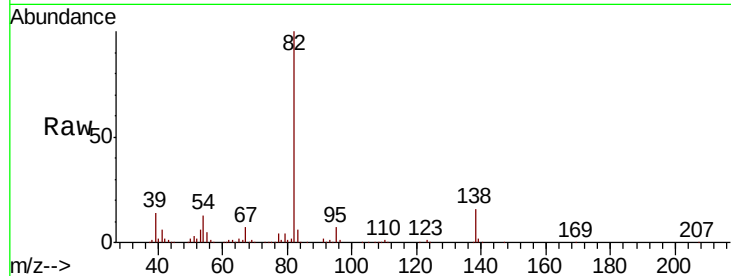




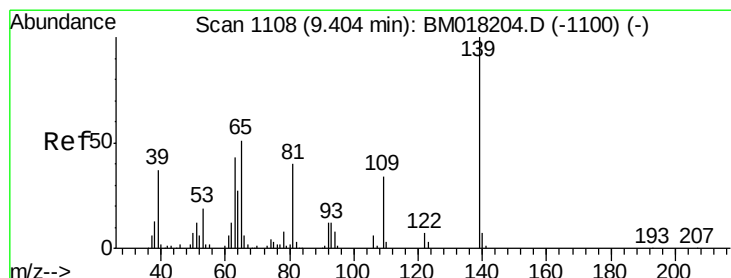
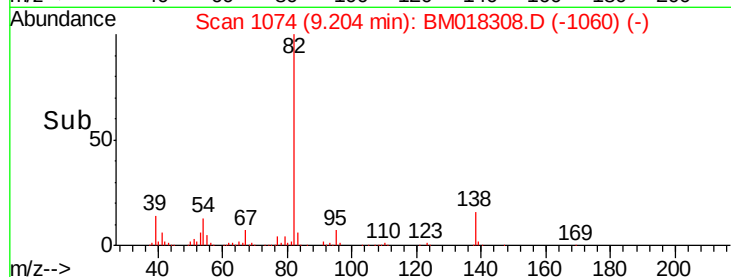
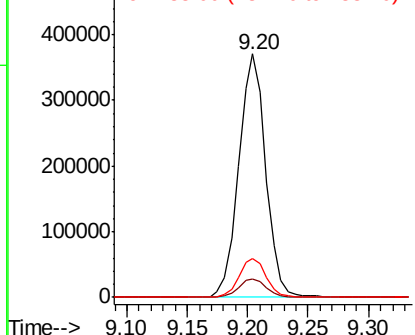
#25
Isophorone
Concen: 47.278 ng
RT: 9.20 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion: 82 Resp: 575010
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 16.1 13.9 20.9

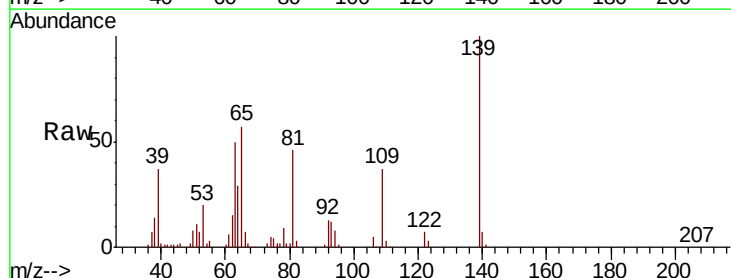


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

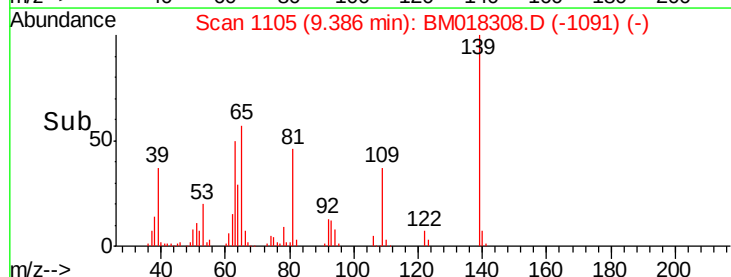
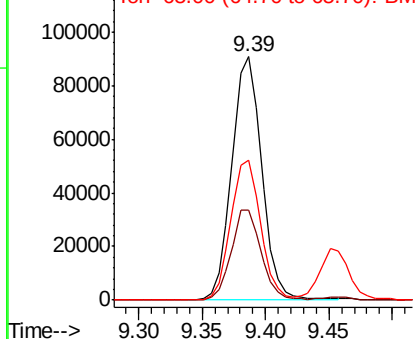


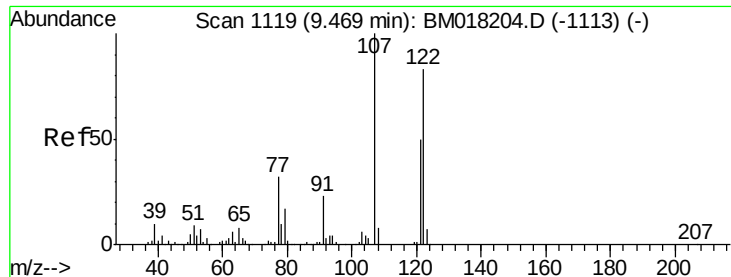
#26
2-Nitrophenol
Concen: 41.532 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion: 139 Resp: 148691
Ion Ratio Lower Upper
139 100
109 36.9 27.4 41.0
65 57.3 41.0 61.4



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): BM0

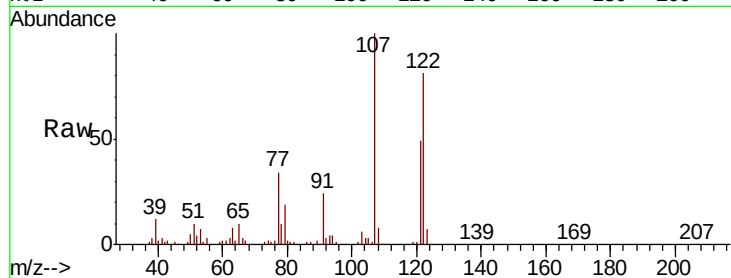




#27
 2,4-Dimethylphenol
 Concen: 45.928 ng
 RT: 9.46 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.0	96.5	144.7
121	61.1	48.2	72.4

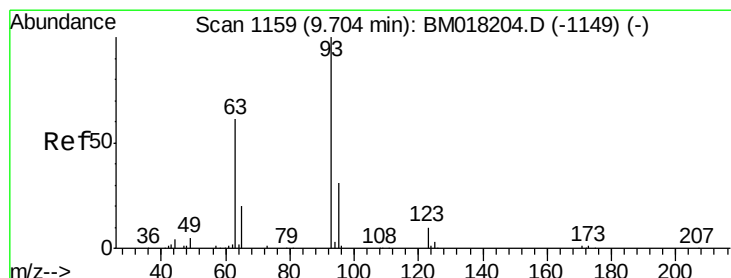
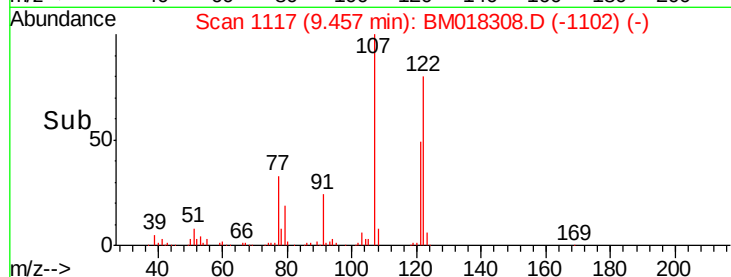
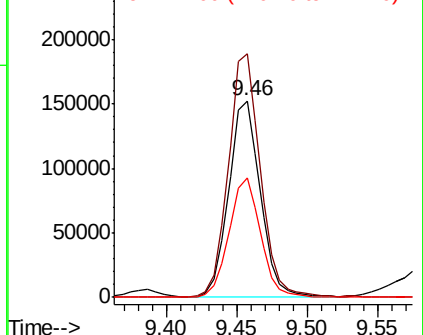


Abundance

Ion 122.00 (121.70 to 122.70): E

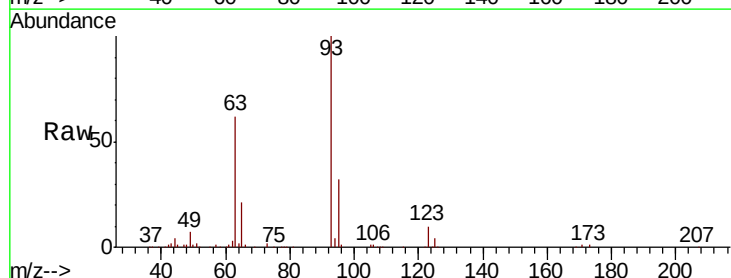
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.840 ng
 RT: 9.69 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.3	37.9
123	10.3	9.3	13.9

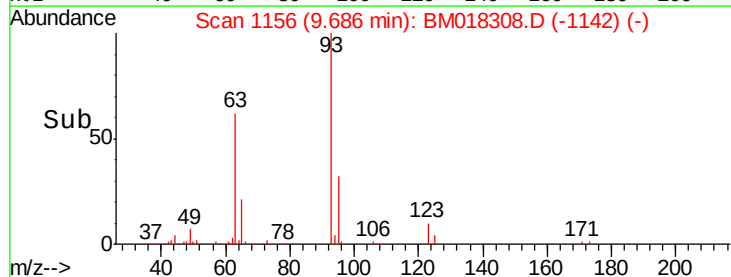
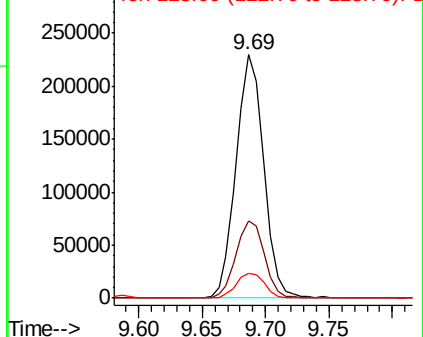


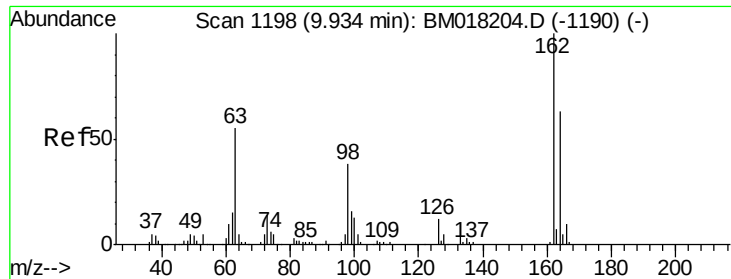
Abundance

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

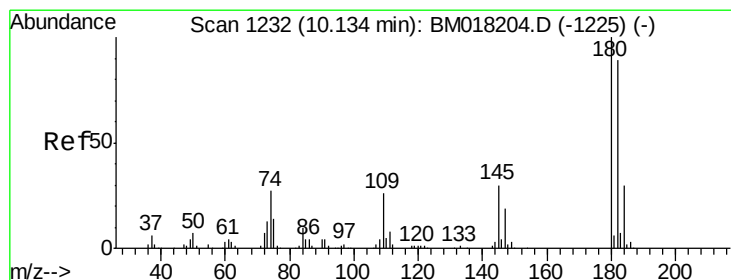
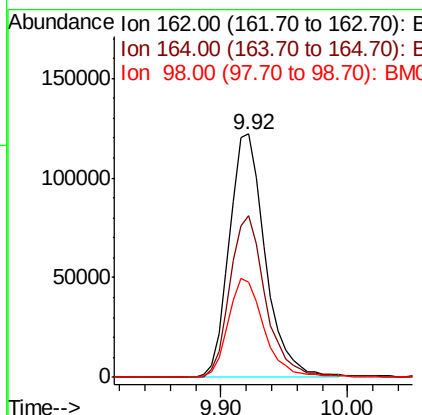
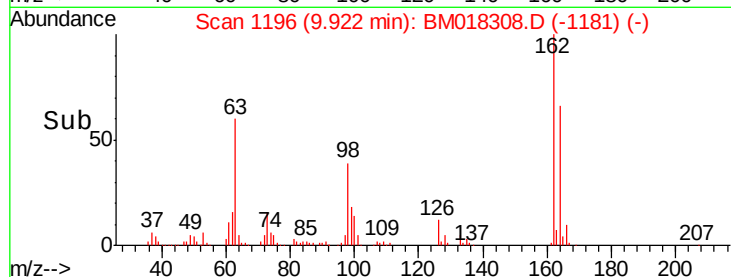
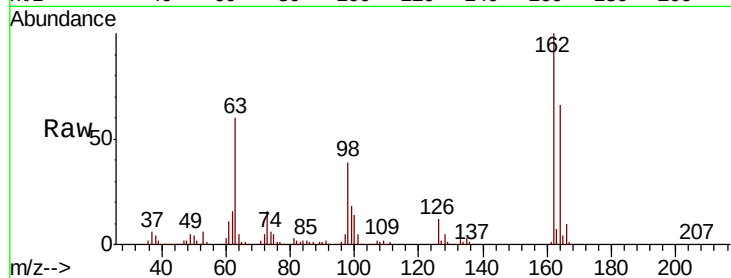




#29
2,4-Dichlorophenol
Concen: 41.925 ng
RT: 9.92 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

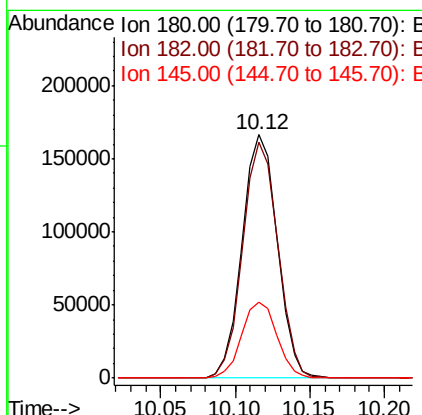
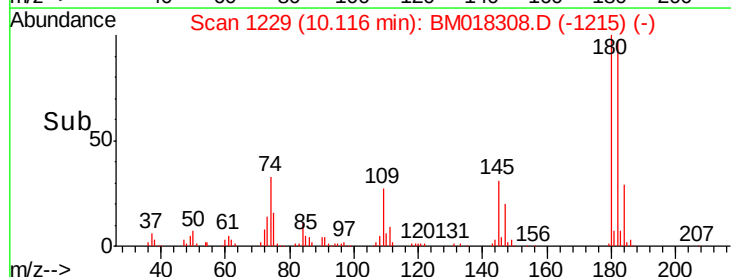
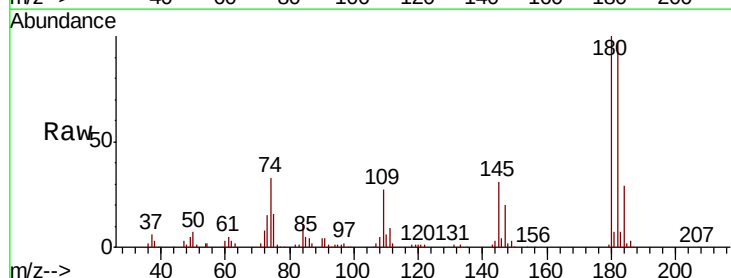
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

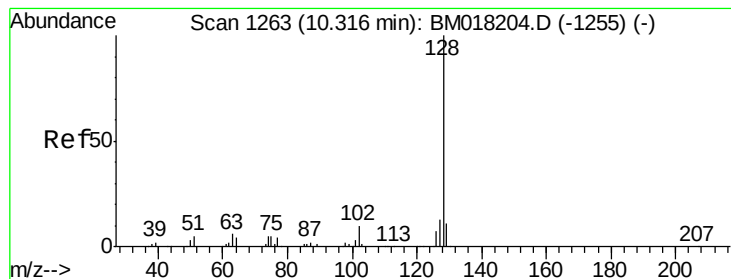
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	43.0	83.0
98	39.0	18.3	58.3



#30
1,2,4-Trichlorobenzene
Concen: 41.769 ng
RT: 10.12 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	71.4	107.2
145	31.2	24.4	36.6

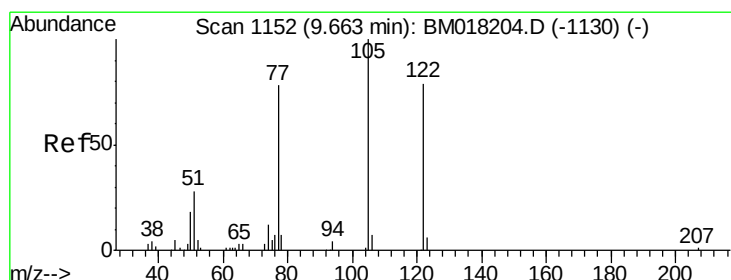
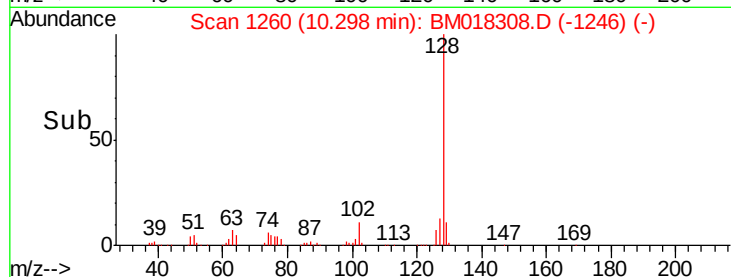
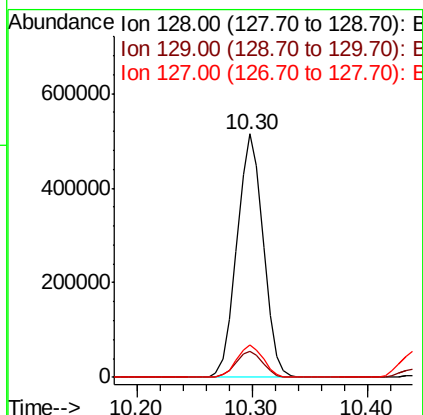
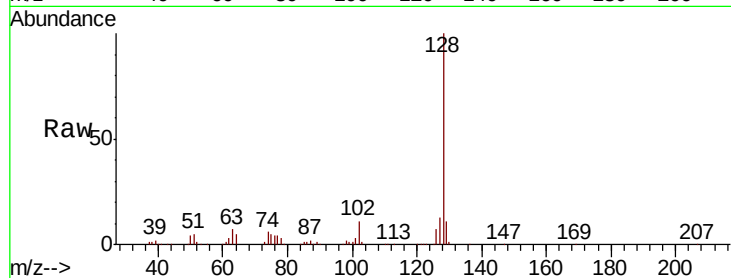




#31
Naphthalene
Concen: 44.394 ng
RT: 10.30 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

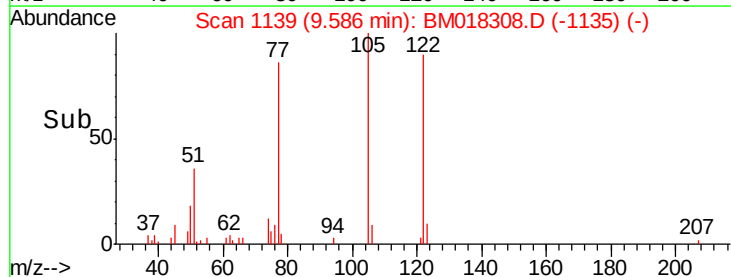
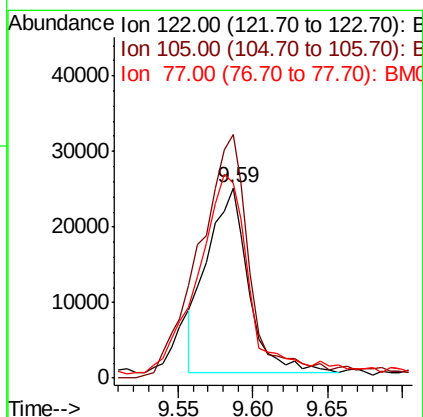
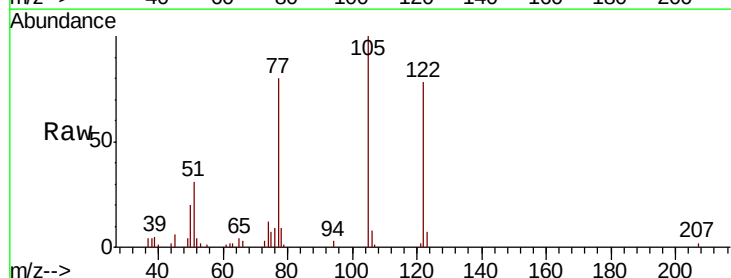
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

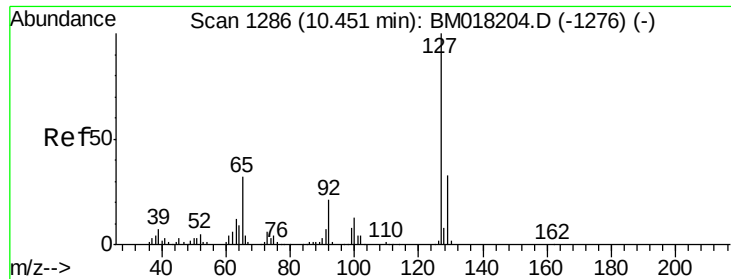
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.3	10.4	15.6



#32
Benzoic acid
Concen: 9.664 ng
RT: 9.59 min Scan# 1139
Delta R.T. -0.08 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.9	104.8	144.8
77	102.7	77.7	117.7

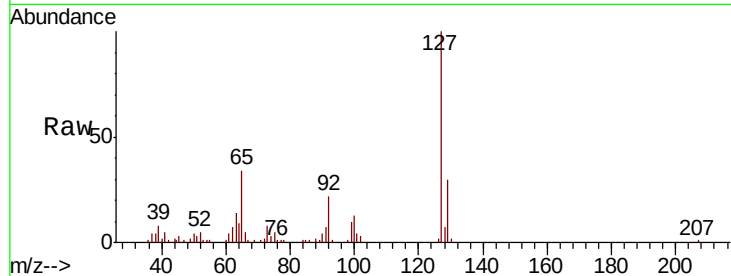




#33
 4-Chloroaniline
 Concen: 13.512 ng
 RT: 10.44 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

Tgt Ion:	127	Resp:	108447
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.4	39.6
65	33.8	25.6	38.4
92	21.6	17.0	25.6



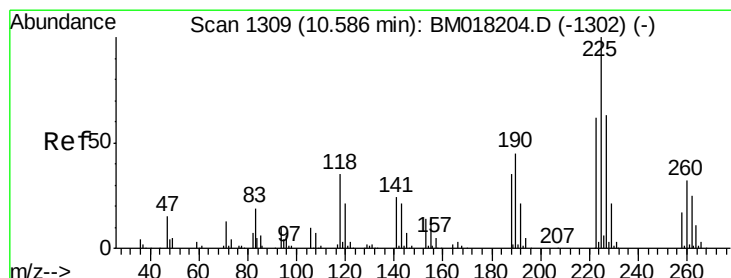
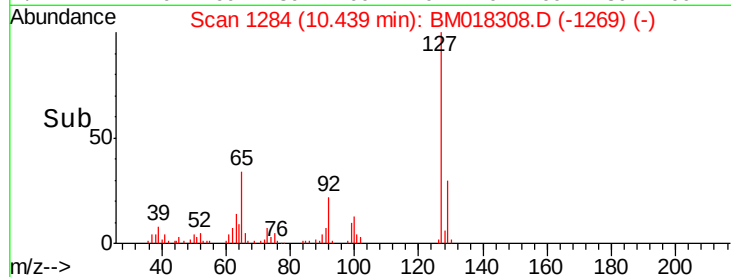
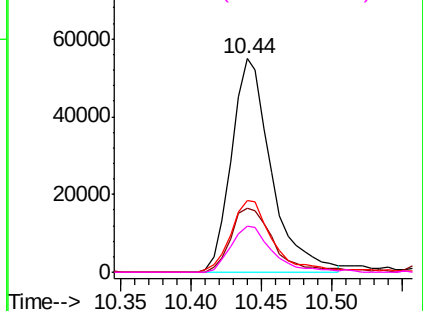
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

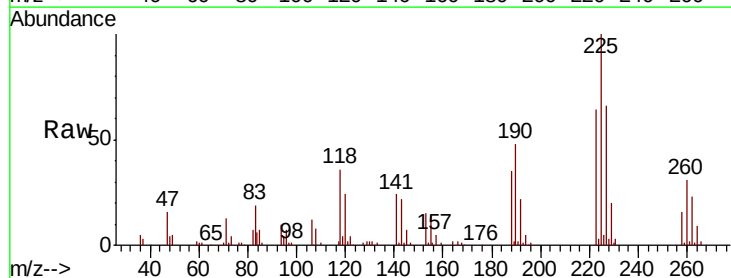
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
 Hexachlorobutadiene
 Concen: 40.265 ng
 RT: 10.57 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion:	225	Resp:	165714
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.8	74.6
227	65.9	50.2	75.4

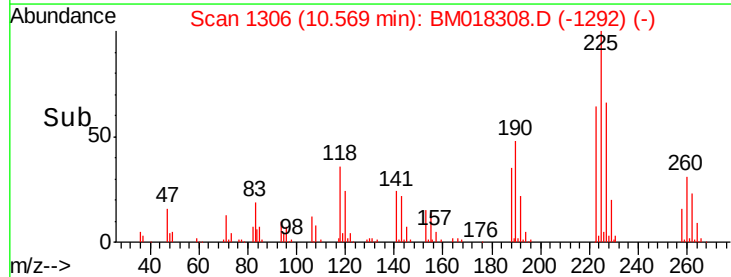
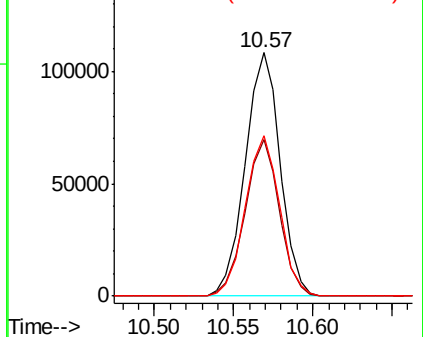


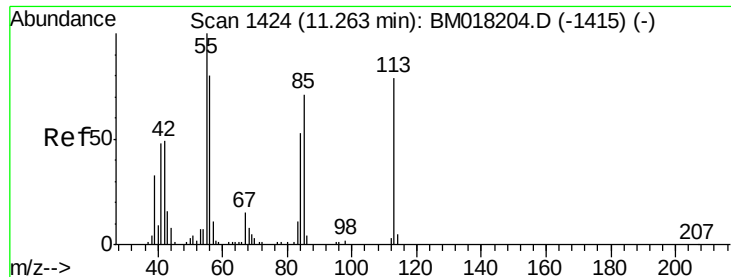
Abundance

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: 31.689 ng

RT: 11.23 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

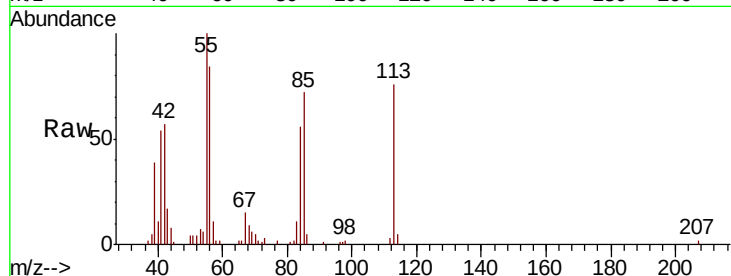
Tgt Ion:113 Resp: 69079

Ion Ratio Lower Upper

113 100

55 132.1 105.9 145.9

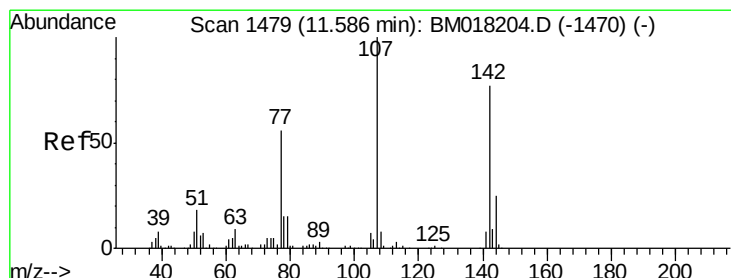
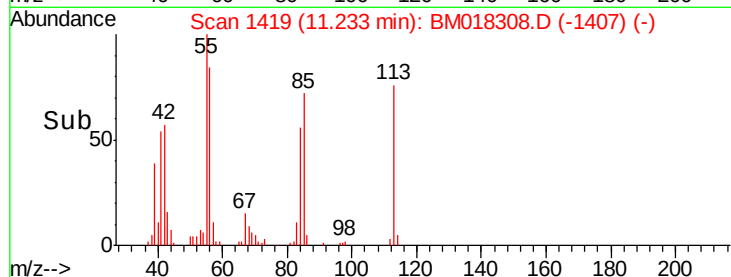
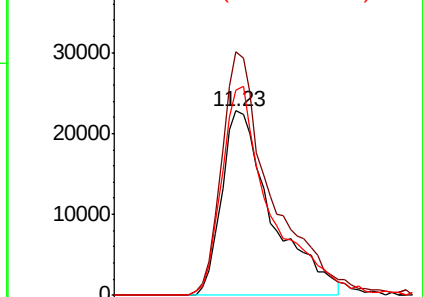
56 111.6 80.1 120.1



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: 38.143 ng

RT: 11.57 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

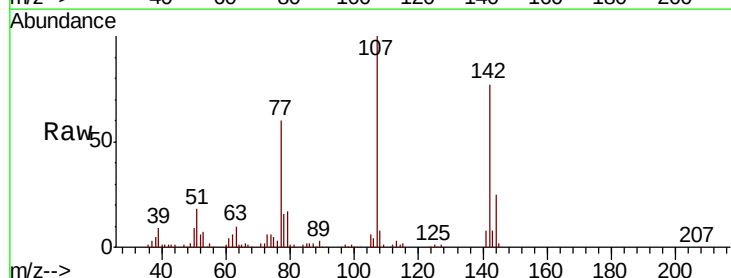
Tgt Ion:107 Resp: 262199

Ion Ratio Lower Upper

107 100

144 24.7 20.1 30.1

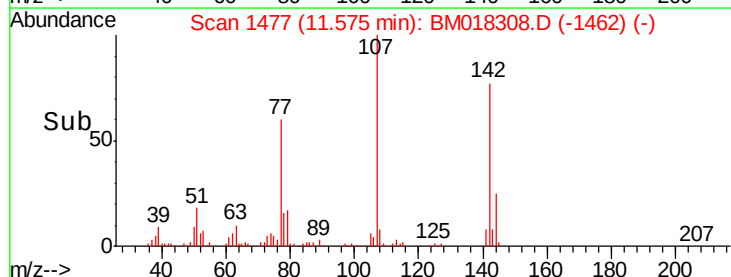
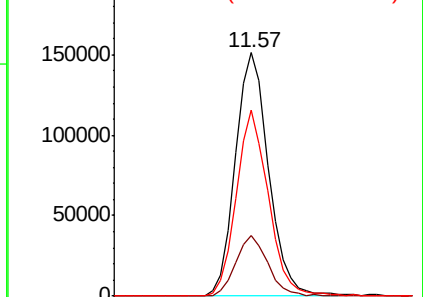
142 76.6 61.7 92.5

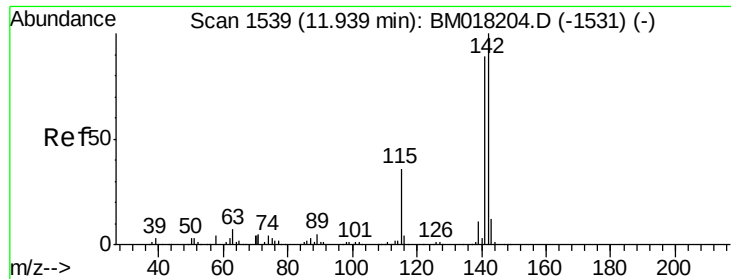


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

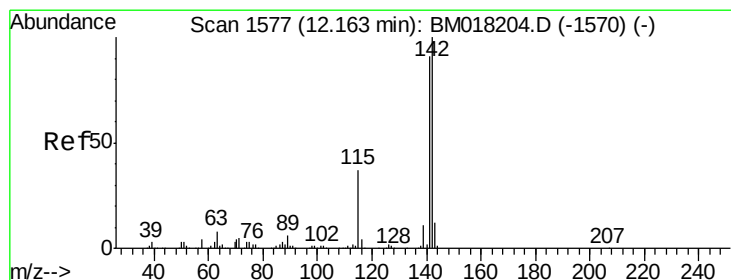
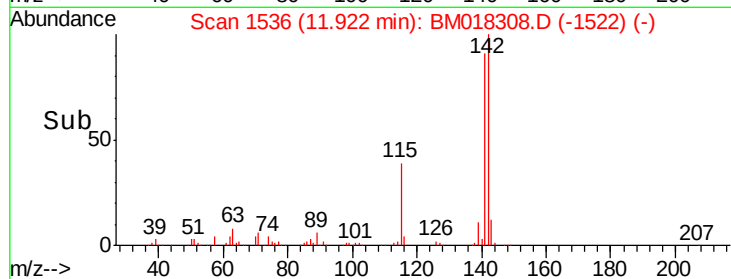
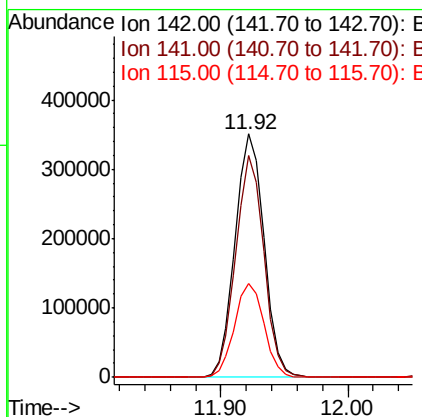
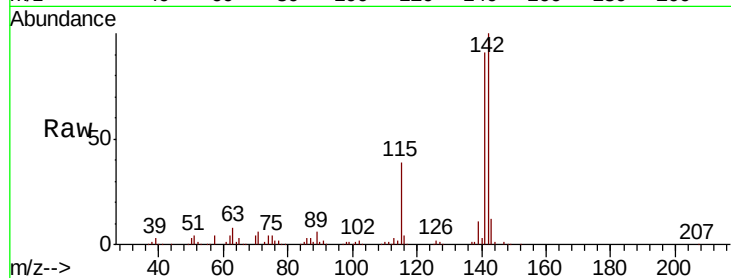




#37
 2-Methylnaphthalene
 Concen: 43.215 ng
 RT: 11.92 min Scan# 1536
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

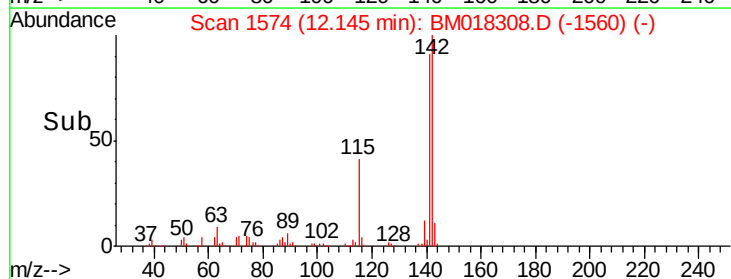
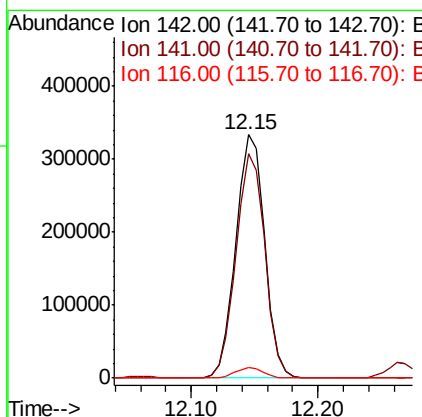
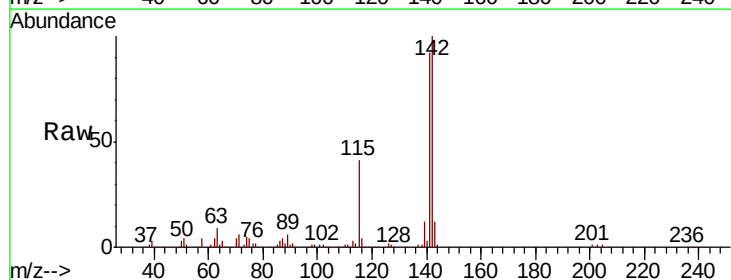
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

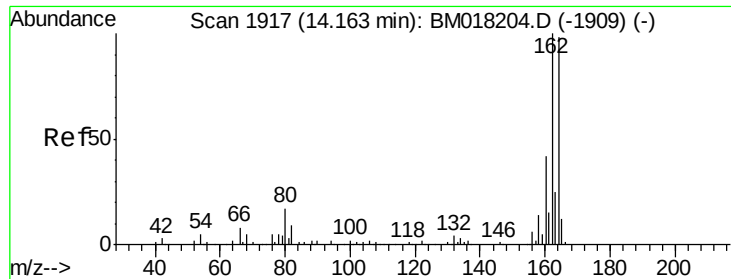
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2
115	38.5	29.0	43.6



#38
 1-Methylnaphthalene
 Concen: 41.748 ng
 RT: 12.15 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.4
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

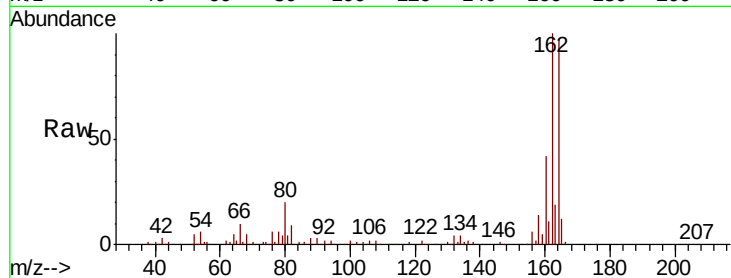
Tgt Ion:164 Resp: 185824

Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 43.0 34.6 51.8

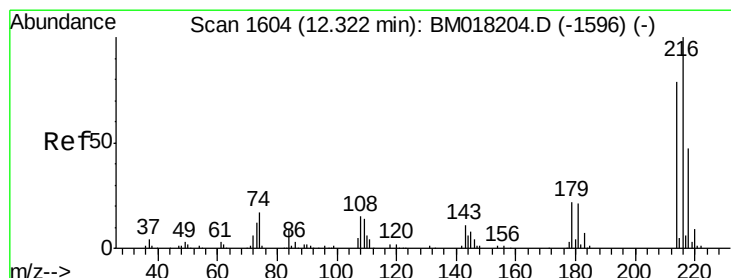
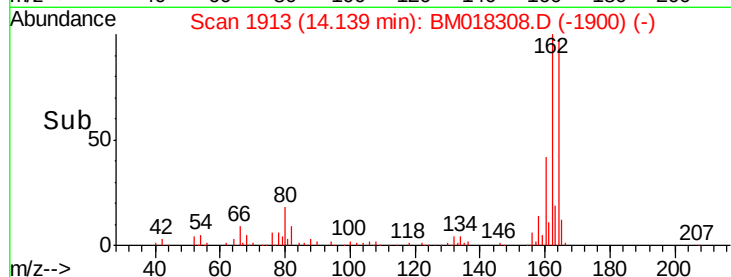
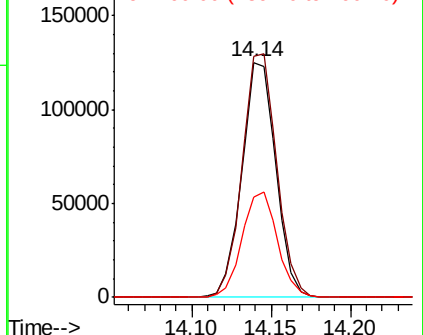


Abundance

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: 43.898 ng

RT: 12.30 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:216 Resp: 280512

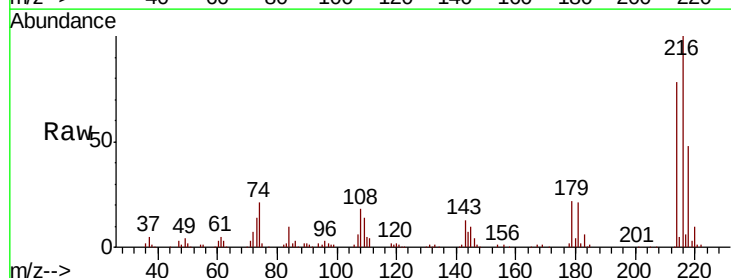
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.0

179 21.6 17.2 25.8

108 21.5 14.6 21.8



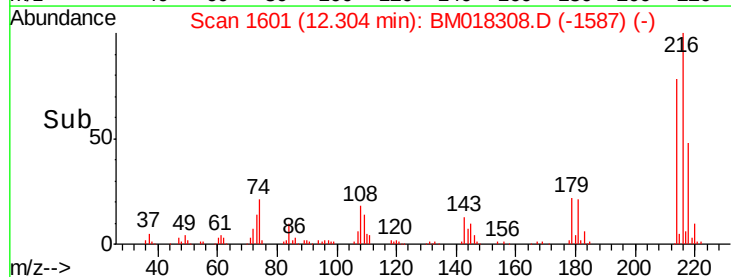
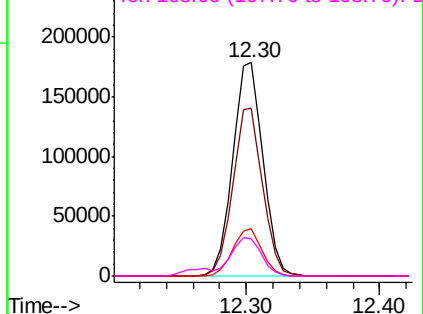
Abundance

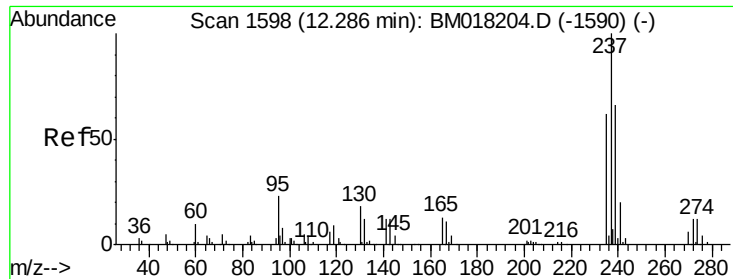
Ion 216.00 (215.70 to 216.70): E

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

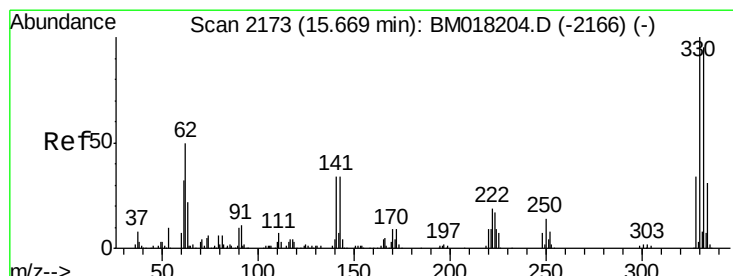
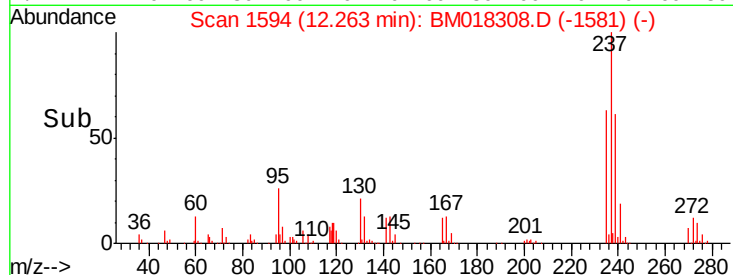
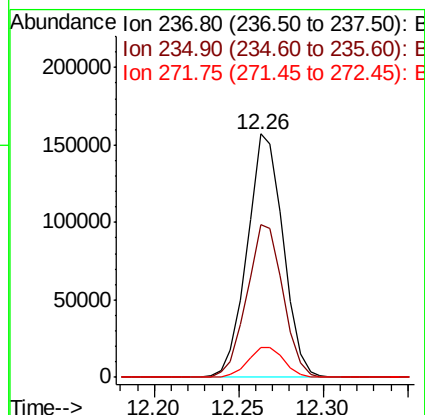
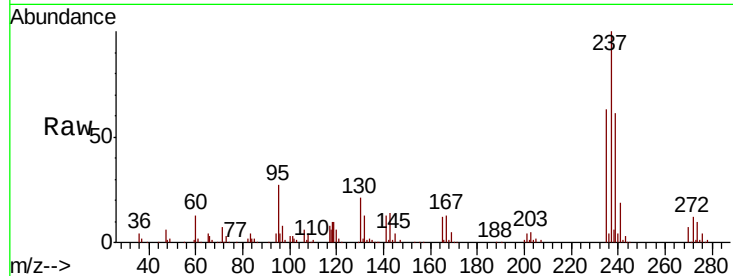




#41
Hexachlorocyclopentadiene
Concen: 82.668 ng
RT: 12.26 min Scan# 1594
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

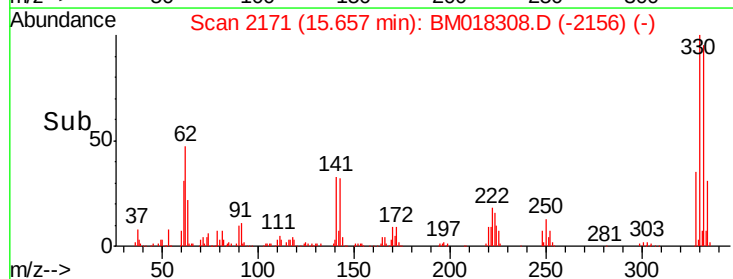
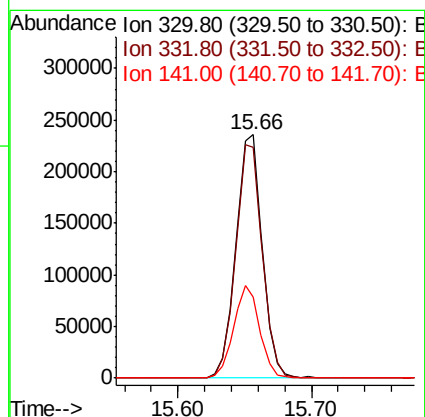
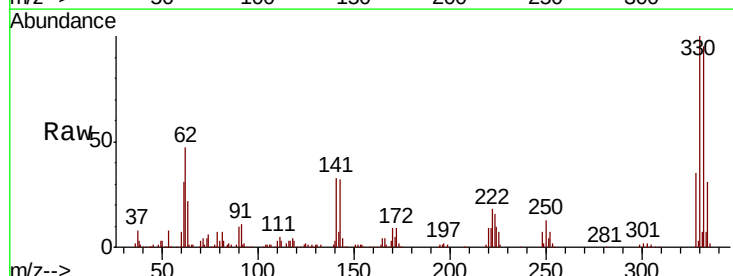
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

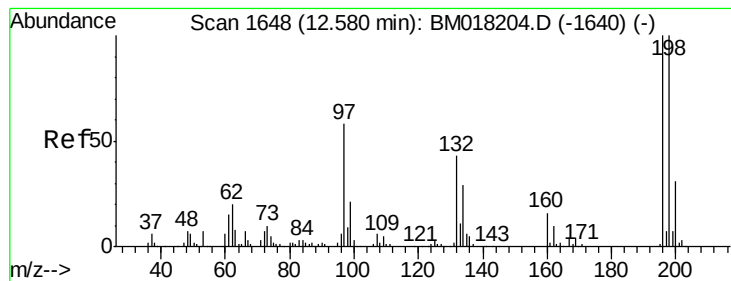
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.1	82.1
272	12.4	0.0	32.1



#42
2,4,6-Tribromophenol
Concen: 118.734 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	118.0
141	37.3	27.1	40.7





#43

2,4,6-Trichlorophenol

Concen: 43.968 ng

RT: 12.56 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

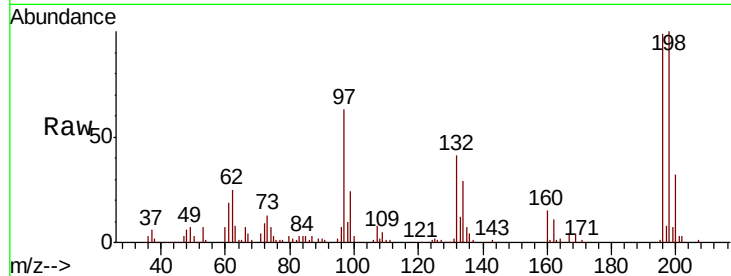
Tgt Ion:196 Resp: 180703

Ion Ratio Lower Upper

196 100

198 100.6 80.1 120.1

200 32.6 24.9 37.3

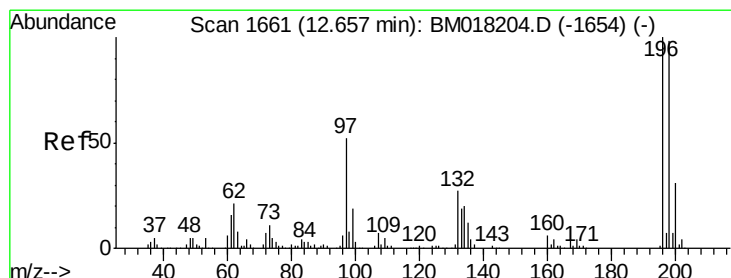
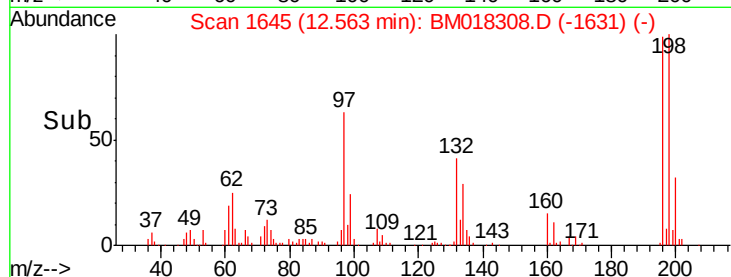
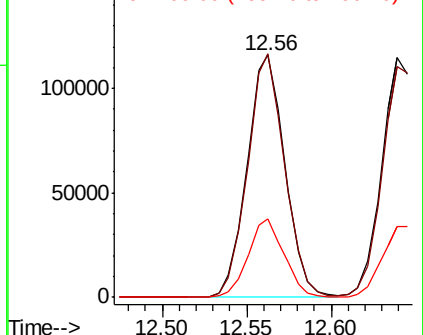


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.105 ng

RT: 12.64 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Tgt Ion:196 Resp: 188076

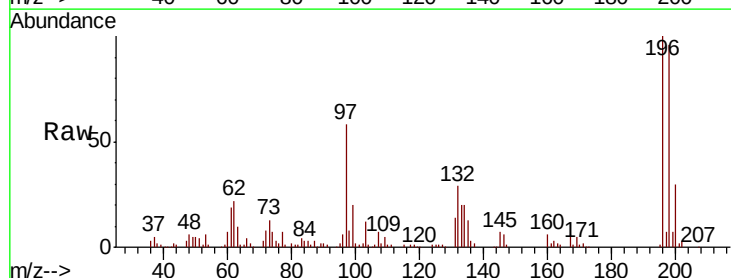
Ion Ratio Lower Upper

196 100

198 96.3 78.5 117.7

97 57.8 41.9 62.9

132 28.9 21.7 32.5



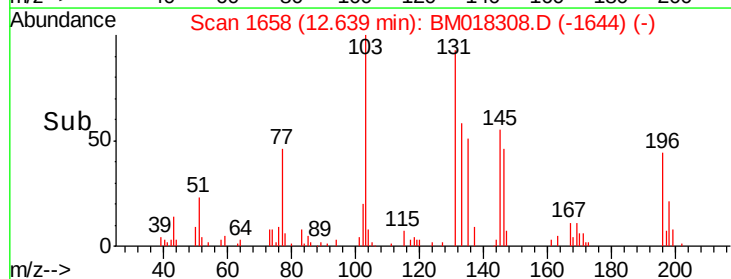
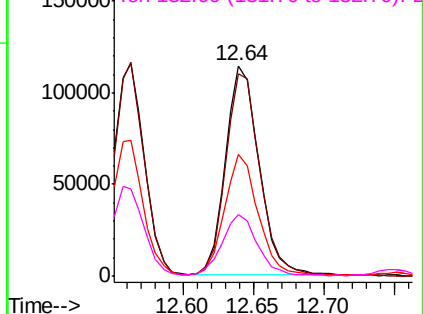
Abundance

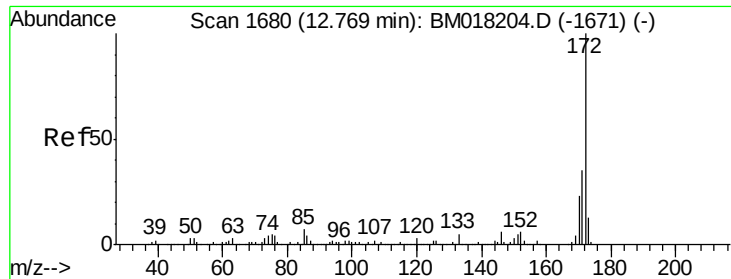
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E

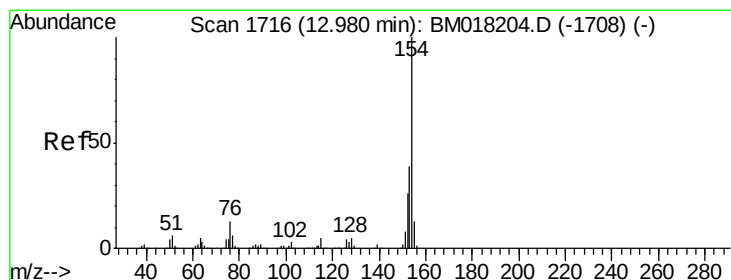
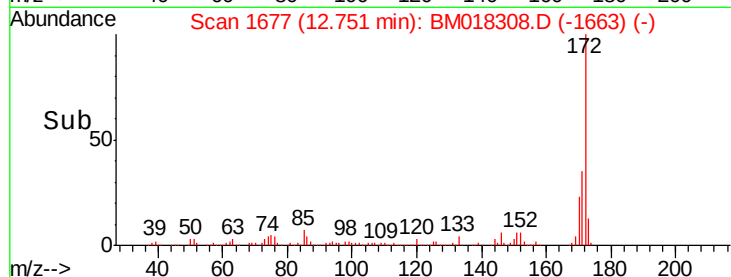
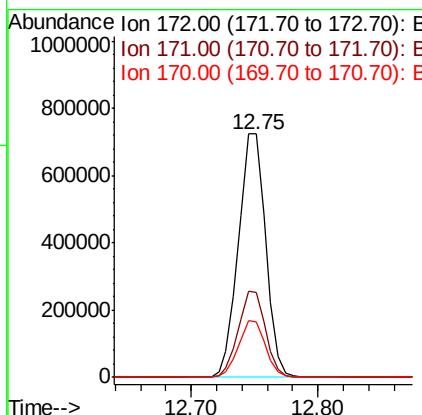
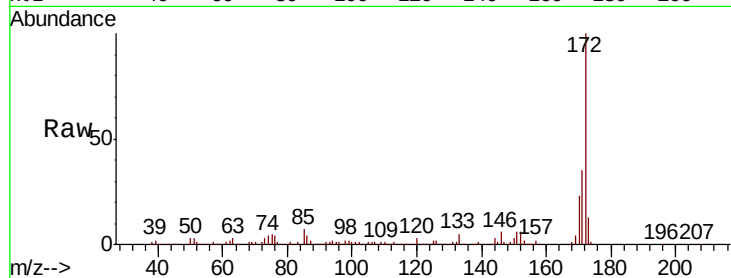




#45
 2-Fluorobiphenyl
 Concen: 75.331 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

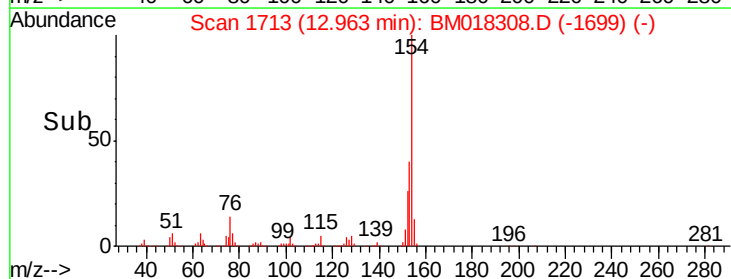
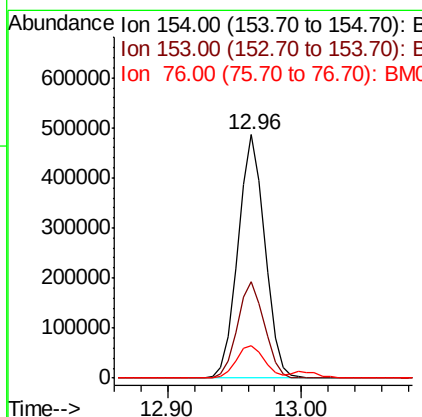
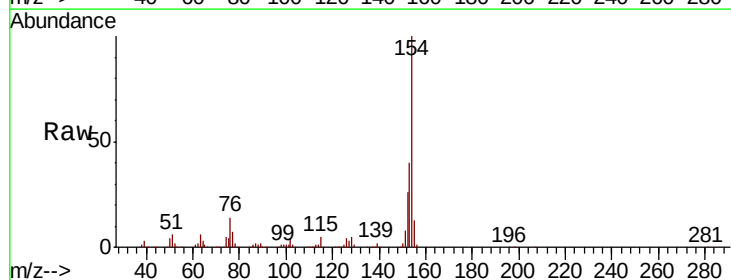
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

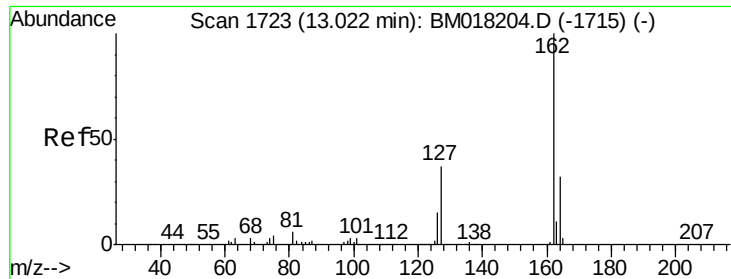
Tgt Ion:172 Resp: 1080756
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 22.8 18.1 27.1



#46
 1,1'-Biphenyl
 Concen: 40.540 ng
 RT: 12.96 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion:154 Resp: 677728
 Ion Ratio Lower Upper
 154 100
 153 39.6 19.5 59.5
 76 13.6 0.0 33.1

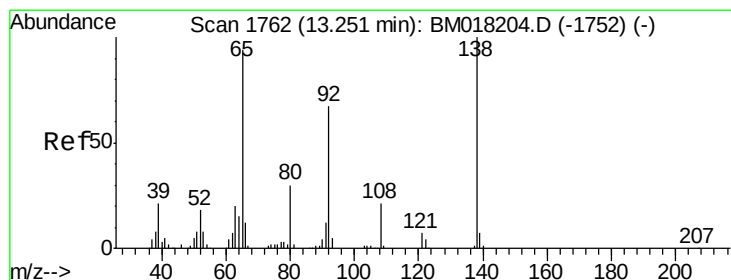
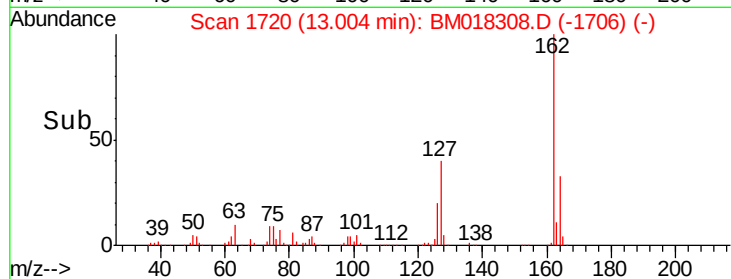
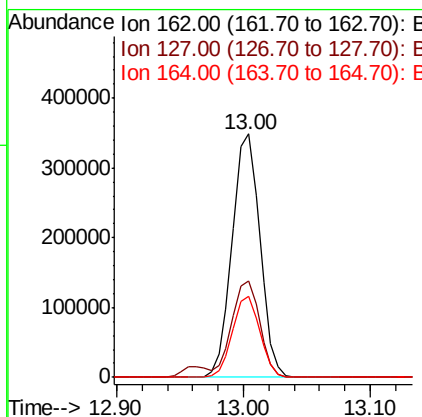
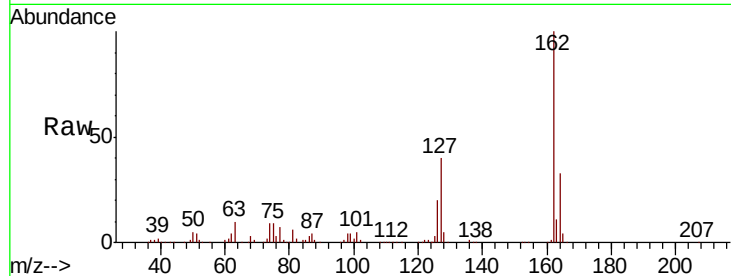




#47
2-Chloronaphthalene
Concen: 43.024 ng
RT: 13.00 min Scan# 1720
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

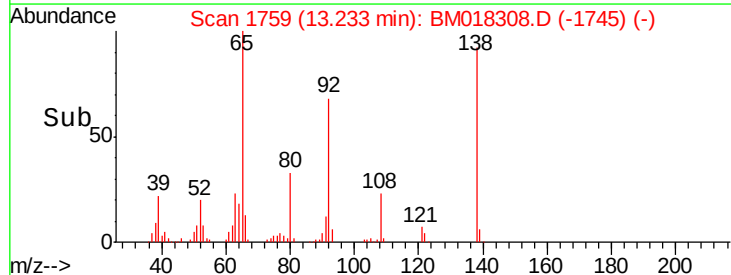
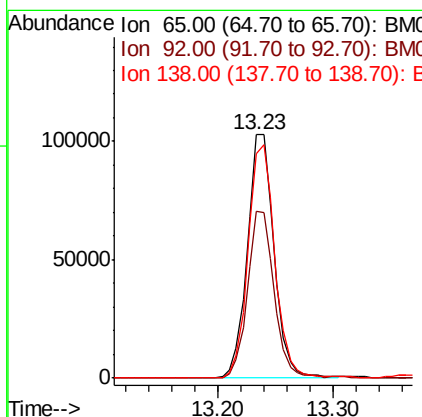
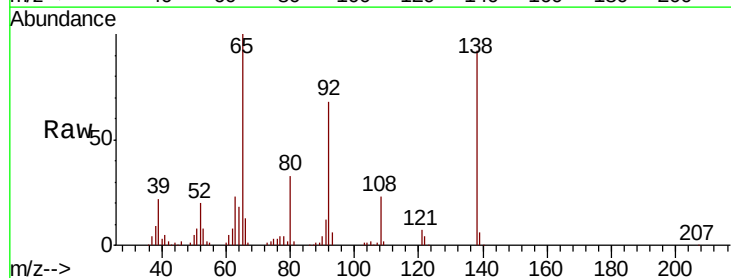
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

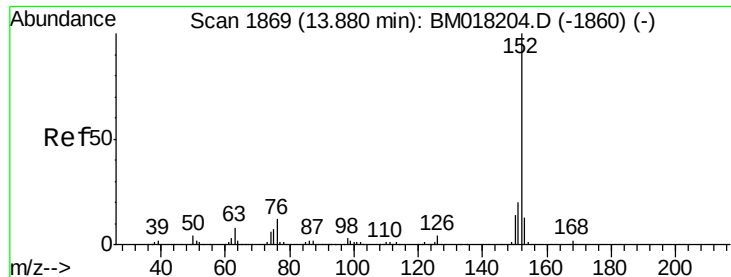
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.8	47.8
164	33.3	25.9	38.9



#48
2-Nitroaniline
Concen: 43.960 ng
RT: 13.23 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	56.8	85.2
138	92.2	85.1	127.7





#49

Acenaphthylene

Concen: 44.427 ng

RT: 13.86 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

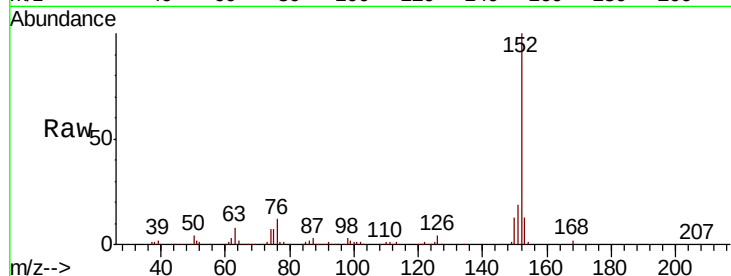
Tgt Ion:152 Resp: 823784

Ion Ratio Lower Upper

152 100

151 19.1 16.0 24.0

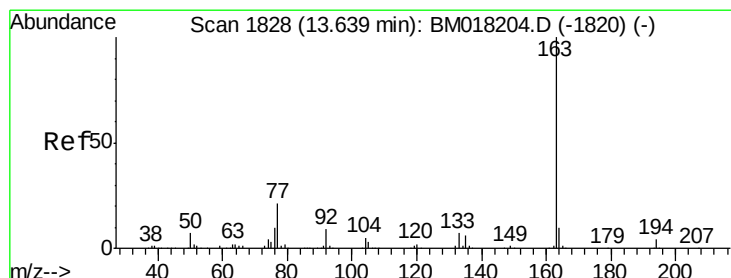
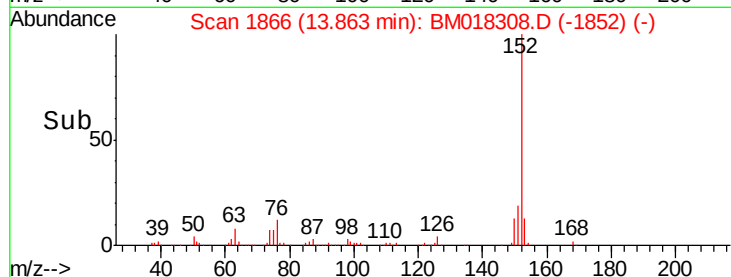
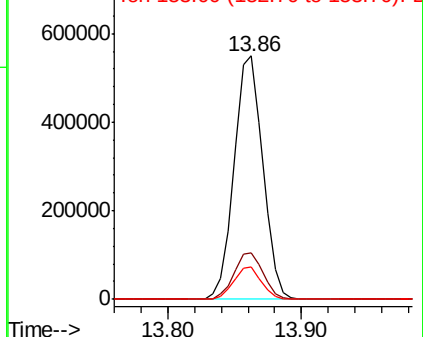
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.923 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

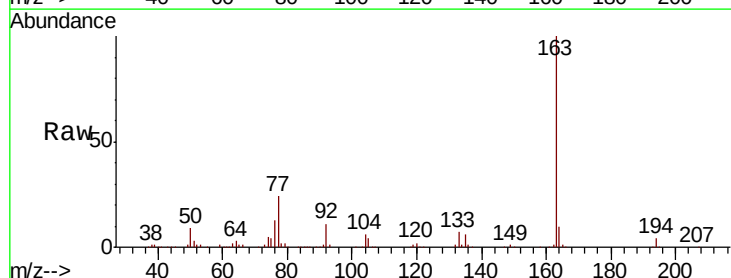
Tgt Ion:163 Resp: 694000

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

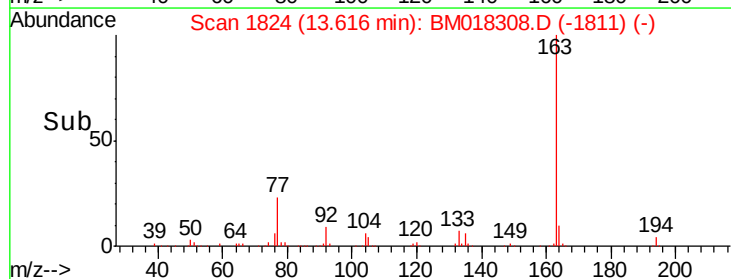
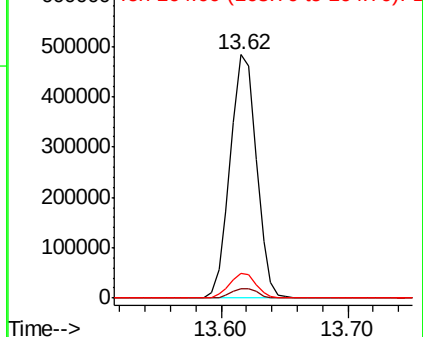
164 9.9 7.9 11.9

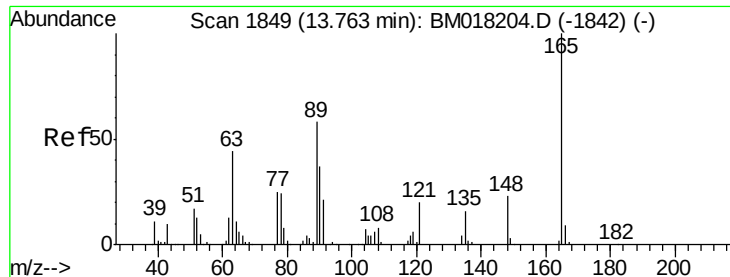


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.334 ng

RT: 13.75 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

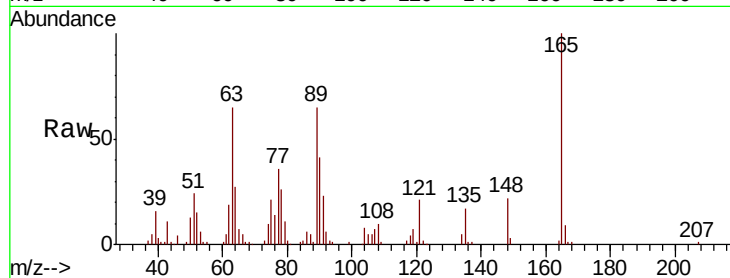
Tgt Ion:165 Resp: 136981

Ion Ratio Lower Upper

165 100

63 65.5 46.6 69.8

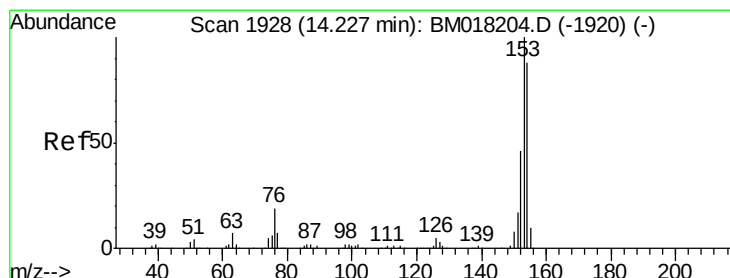
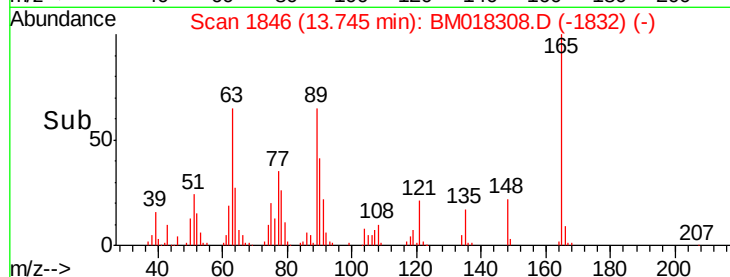
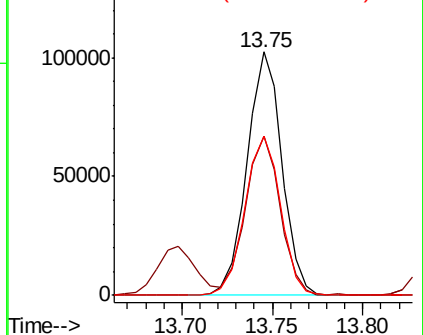
89 65.4 46.3 69.5



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: 41.351 ng

RT: 14.21 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

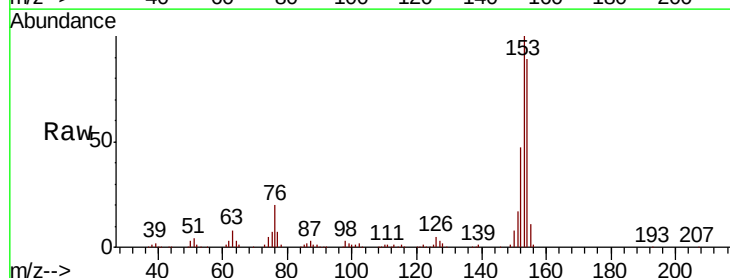
Tgt Ion:154 Resp: 468582

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

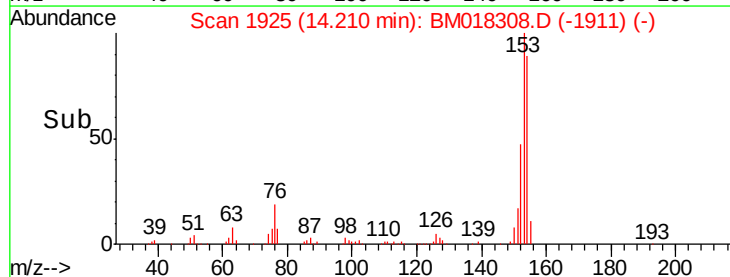
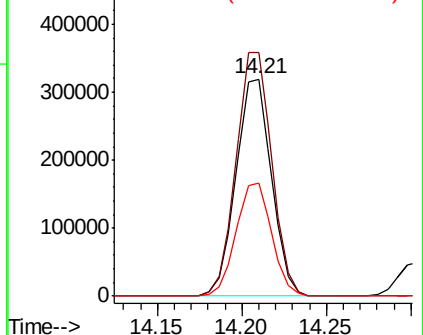
152 52.2 41.2 61.8

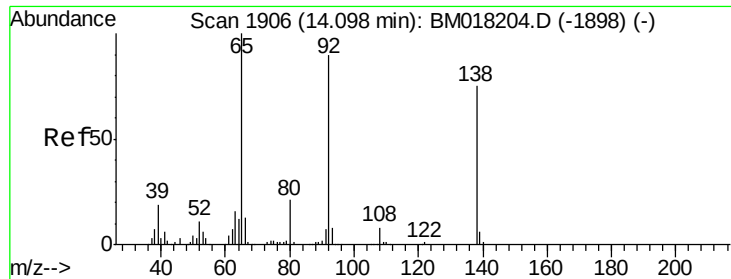


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.850 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

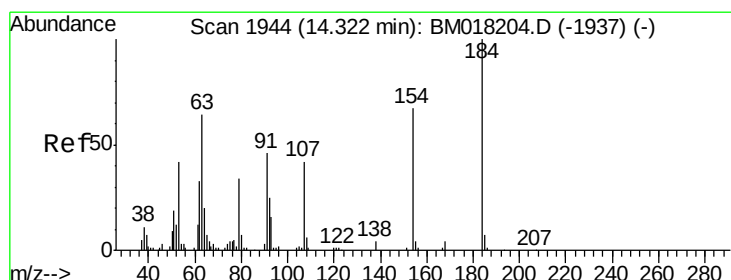
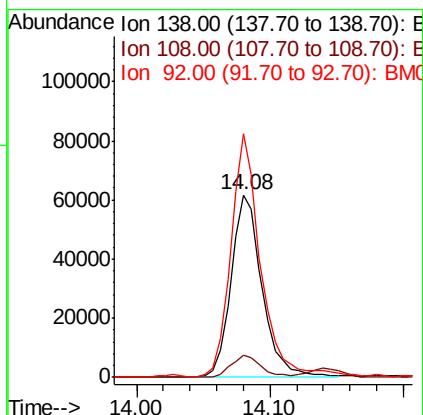
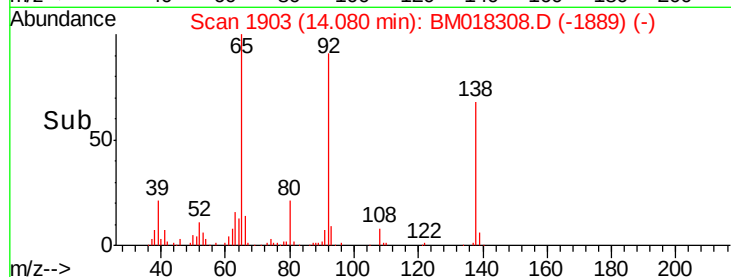
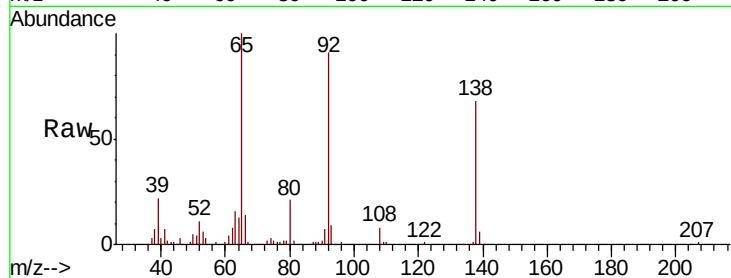
Tgt Ion:138 Resp: 99534

Ion Ratio Lower Upper

138 100

108 12.0 8.4 12.6

92 133.6 94.9 142.3



#54

2,4-Dinitrophenol

Concen: 64.633 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

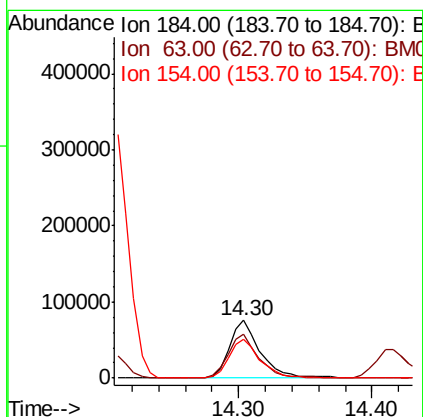
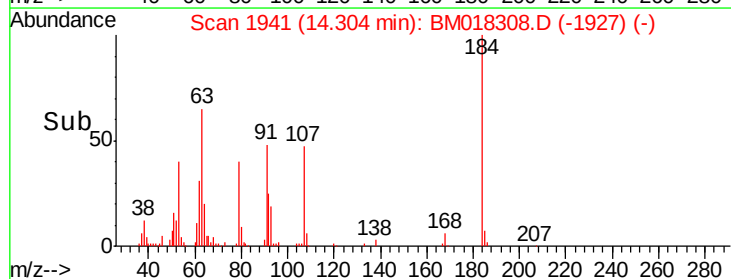
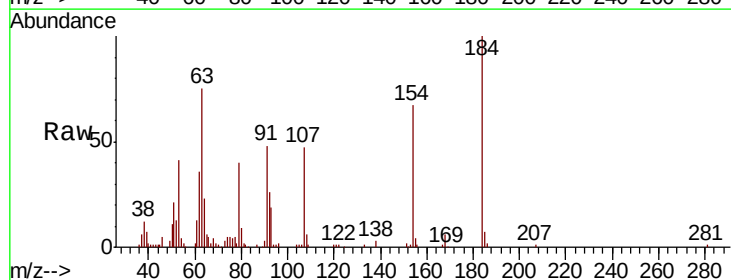
Tgt Ion:184 Resp: 121085

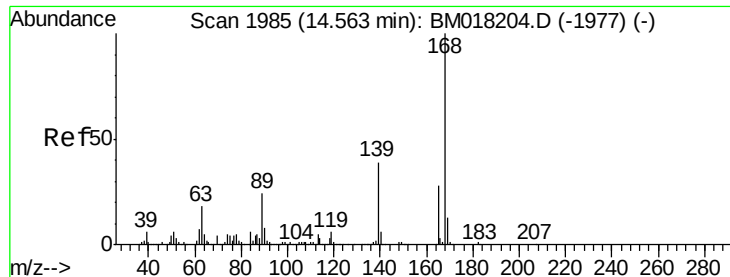
Ion Ratio Lower Upper

184 100

63 75.4 51.6 77.4

154 67.0 54.0 81.0





#55

Dibenzofuran

Concen: 40.891 ng

RT: 14.54 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

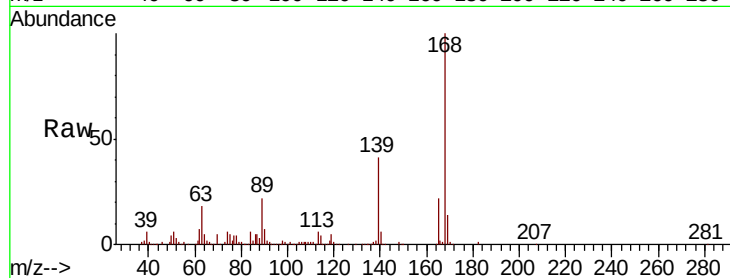
Tgt Ion:168 Resp: 744549

Ion Ratio Lower Upper

168 100

139 41.4 31.2 46.8

169 13.8 10.4 15.6

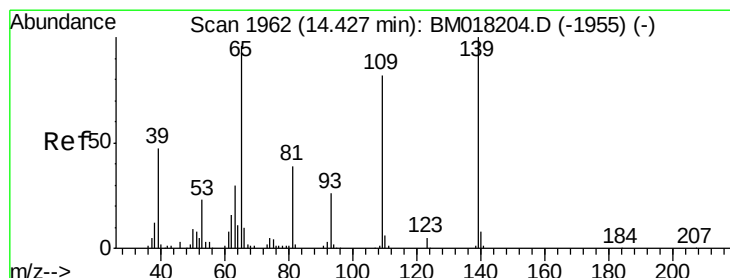
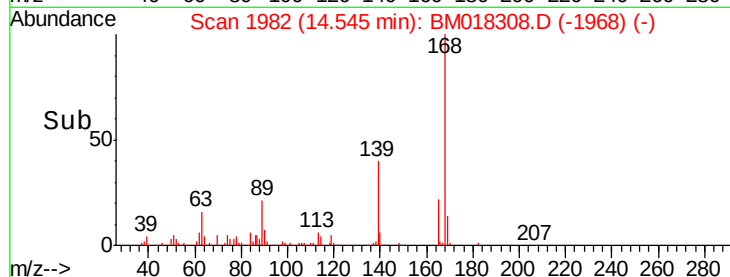
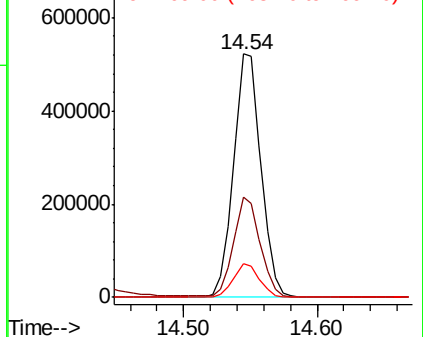


Abundance

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: 74.654 ng

RT: 14.42 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

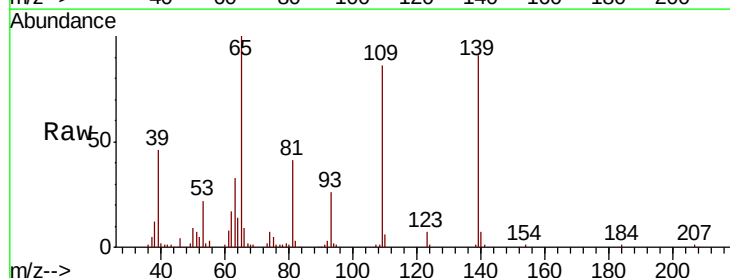
Tgt Ion:139 Resp: 202290

Ion Ratio Lower Upper

139 100

109 95.3 62.3 102.3

65 110.3 76.4 116.4

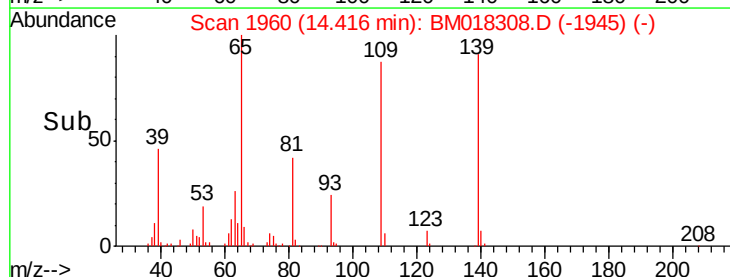
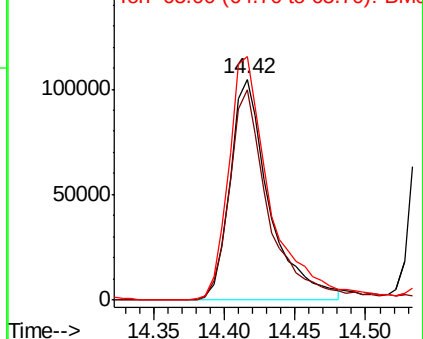


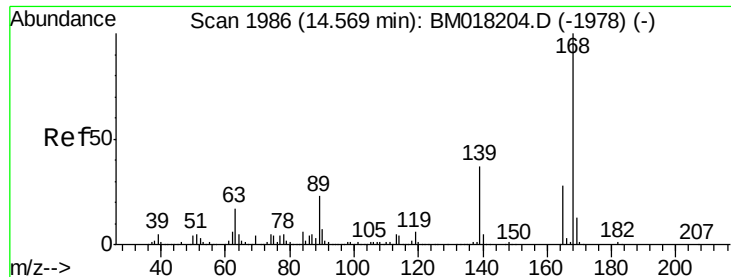
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

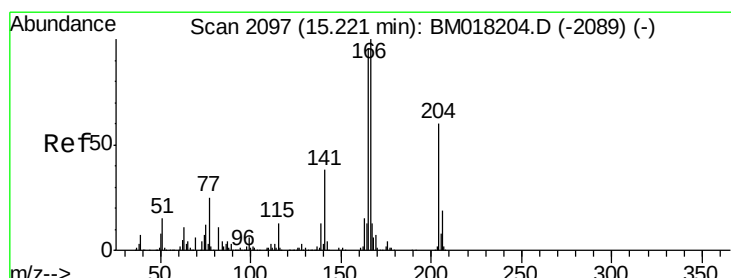
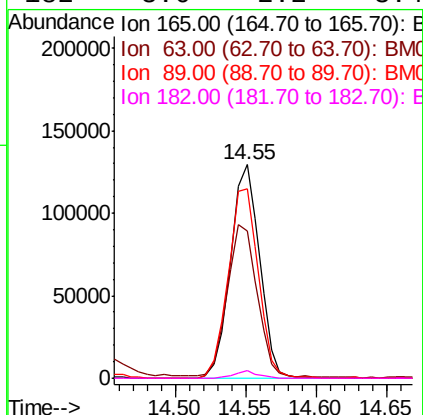
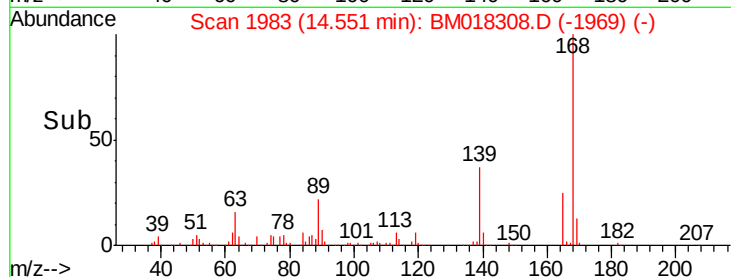
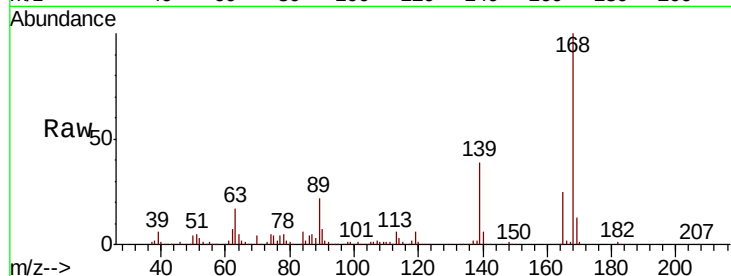




#57
2,4-Dinitrotoluene
Concen: 39.713 ng
RT: 14.55 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

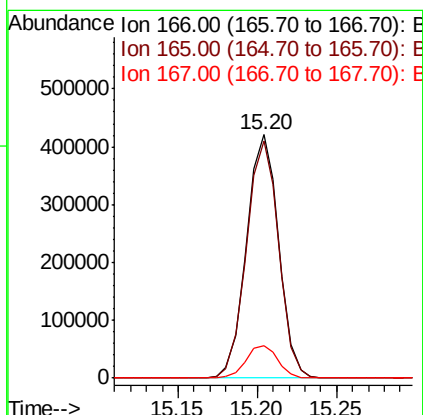
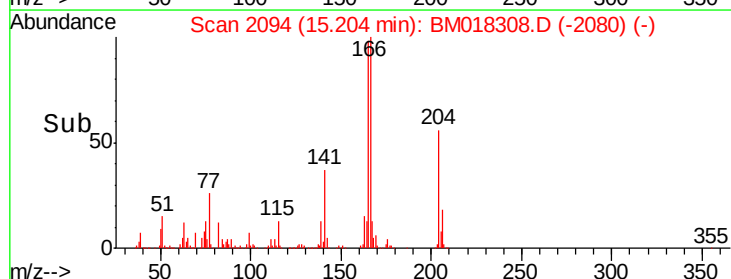
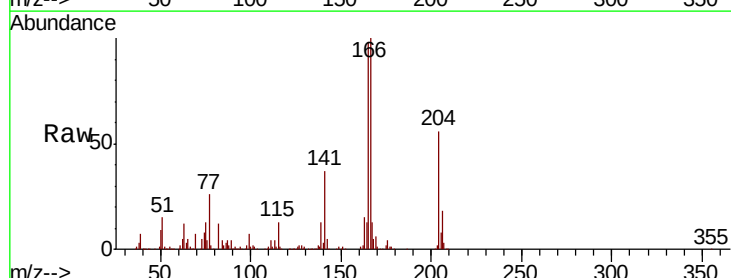
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

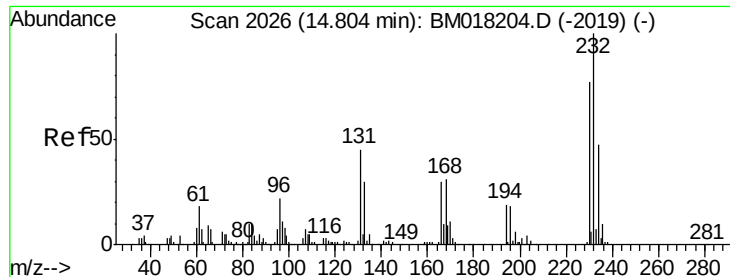
Tgt Ion:165 Resp: 186426
Ion Ratio Lower Upper
165 100
63 68.9 47.2 70.8
89 88.9 65.8 98.8
182 3.6 2.2 3.4#



#58
Fluorene
Concen: 42.058 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:166 Resp: 591468
Ion Ratio Lower Upper
166 100
165 97.6 76.9 115.3
167 13.5 10.5 15.7

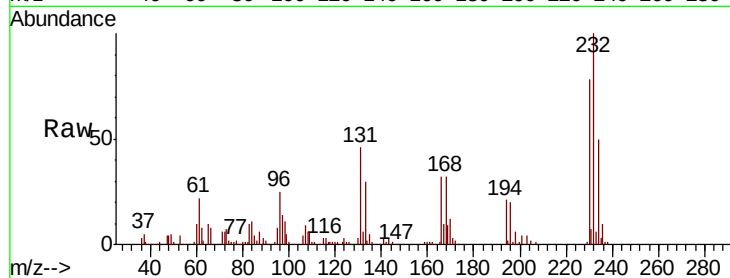




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.515 ng
RT: 14.79 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.7	36.2	54.2
130	2.7	1.8	2.6#
166	32.8	24.8	37.2



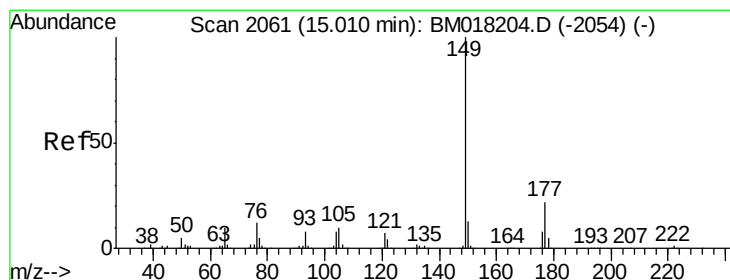
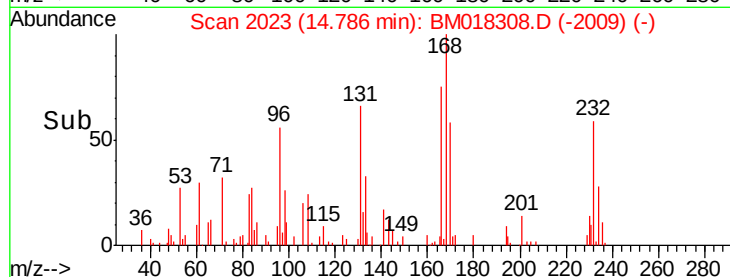
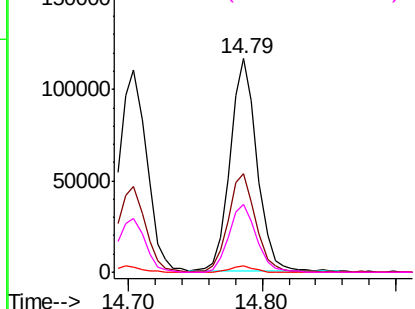
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

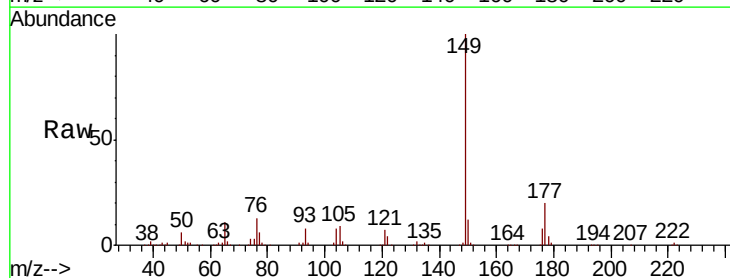
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.594 ng
RT: 14.99 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.8	26.8
150	12.2	10.3	15.5

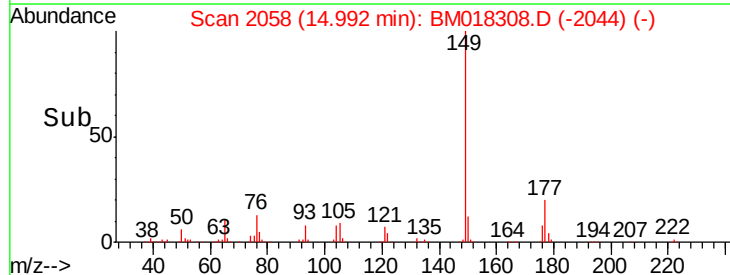
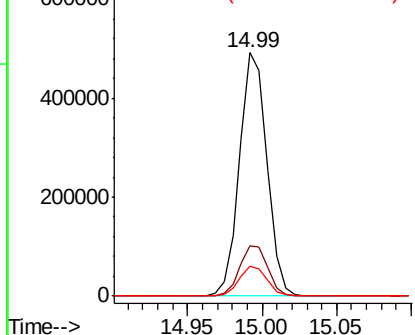


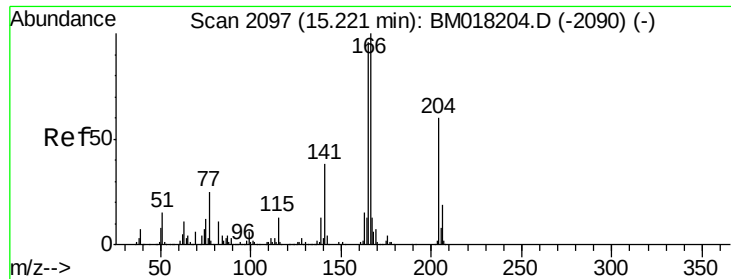
Abundance

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

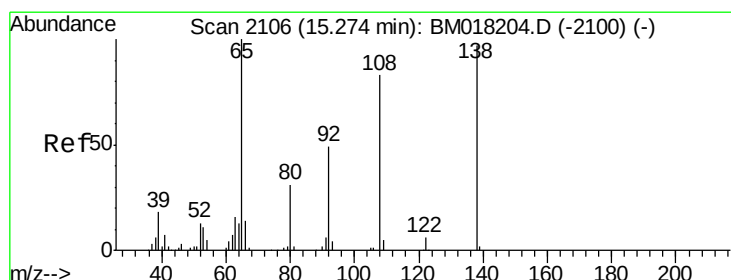
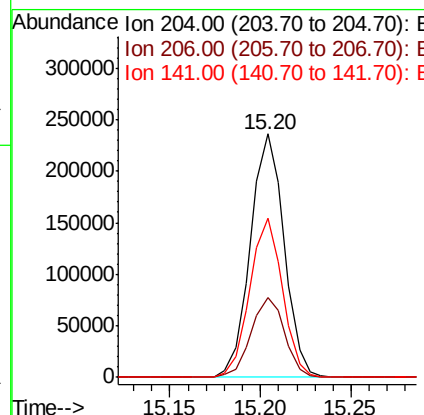
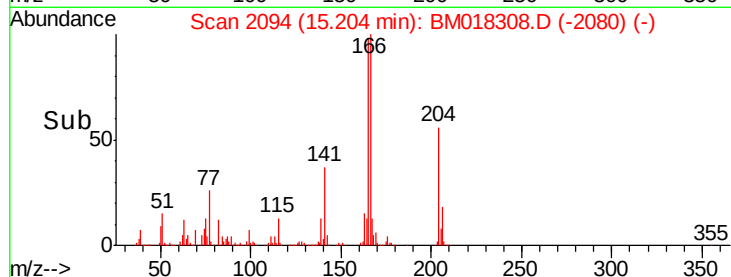
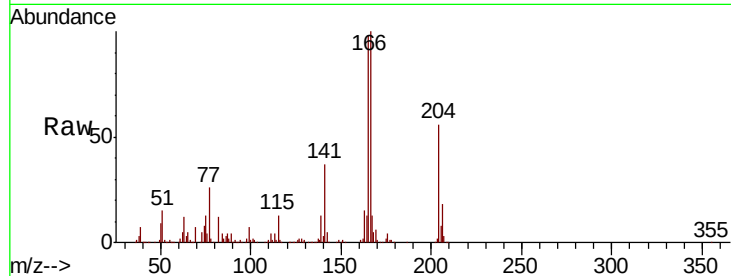




#61
4-Chlorophenyl-phenylether
Concen: 38.287 ng
RT: 15.20 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

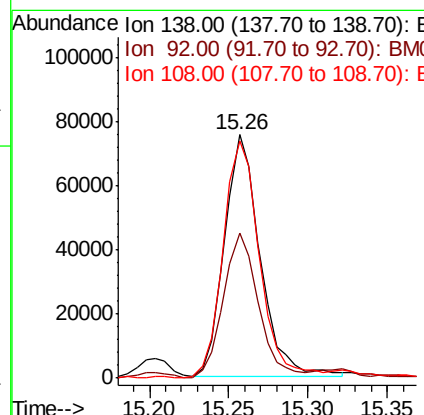
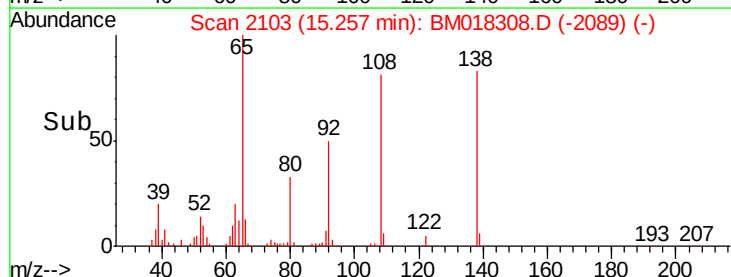
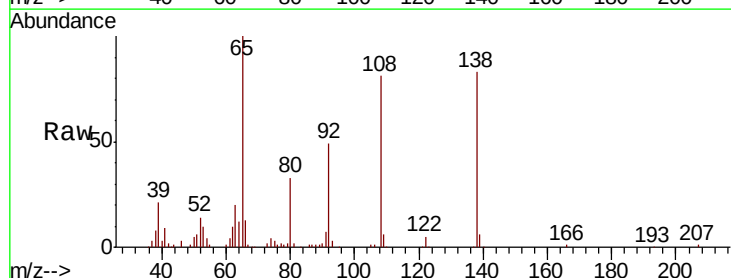
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

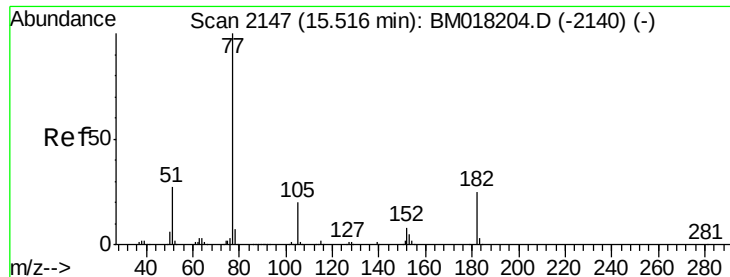
Tgt Ion:204 Resp: 304512
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 65.3 50.2 75.4



#62
4-Nitroaniline
Concen: 34.687 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:138 Resp: 117631
Ion Ratio Lower Upper
138 100
92 59.4 31.1 71.1
108 97.2 65.0 105.0

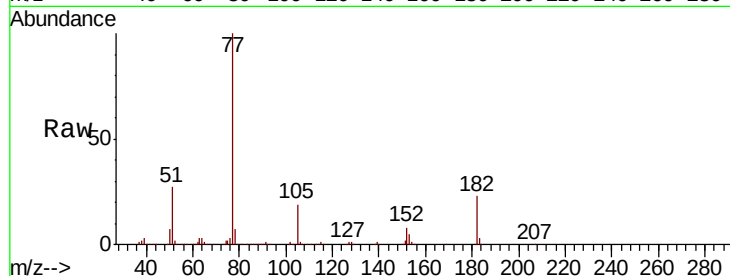




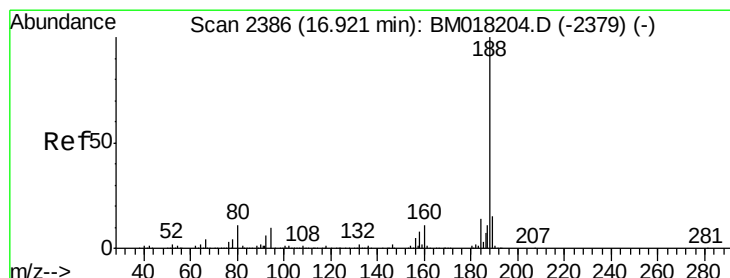
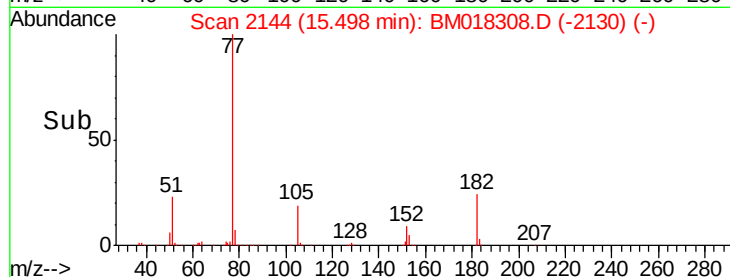
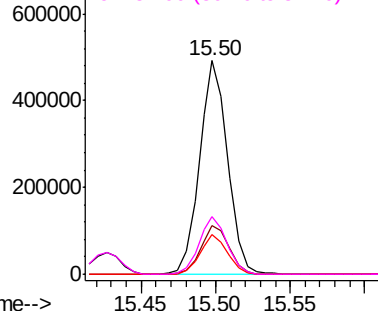
#63
Azobenzene
Concen: 42.070 ng
RT: 15.50 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion:	77	Resp:	639538
Ion	Ratio	Lower	Upper
77	100		
182	22.7	4.6	44.6
105	18.5	0.2	40.2
51	26.7	7.0	47.0

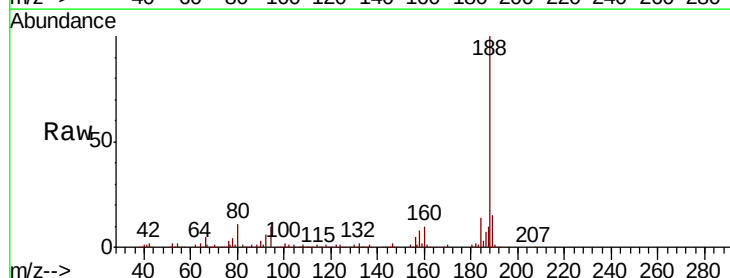


Abundance Ion 77.00 (76.70 to 77.70): BM018204.D (-2140) (-)

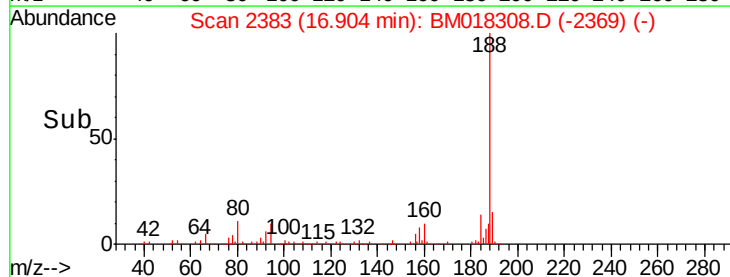
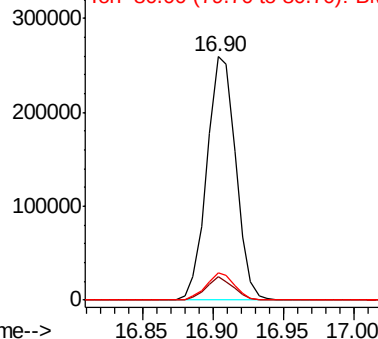


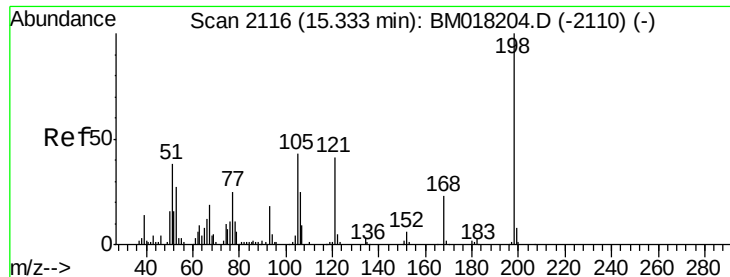
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:	188	Resp:	371838
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	11.4	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): BM018204.D (-2379) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 33.667 ng

RT: 15.32 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

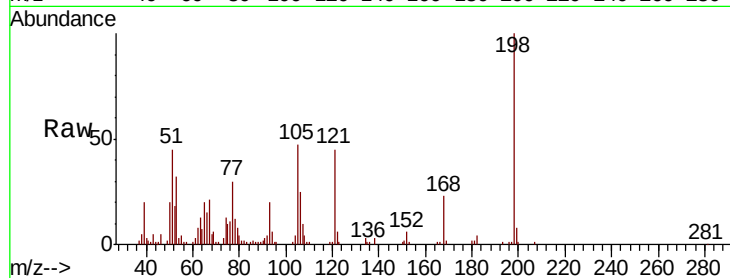
Tgt Ion:198 Resp: 92158

Ion Ratio Lower Upper

198 100

51 45.4 18.6 58.6

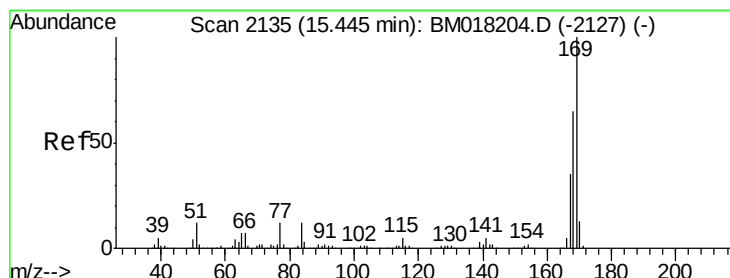
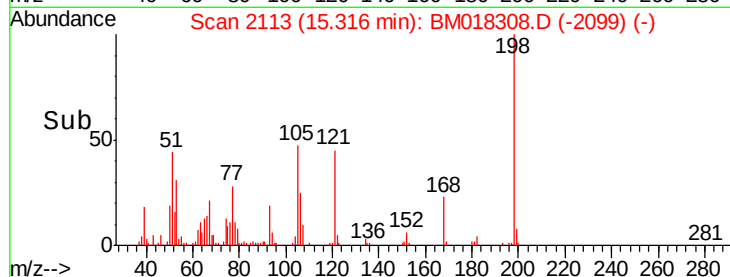
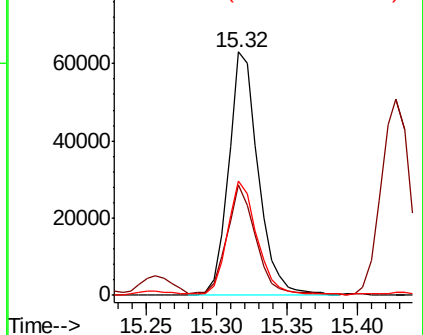
105 46.7 22.9 62.9



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: 41.919 ng

RT: 15.43 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

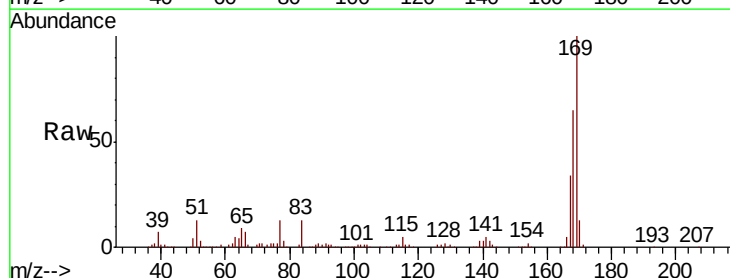
Tgt Ion:169 Resp: 515439

Ion Ratio Lower Upper

169 100

168 65.4 52.2 78.4

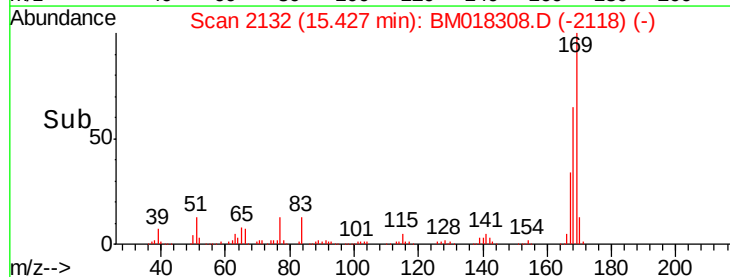
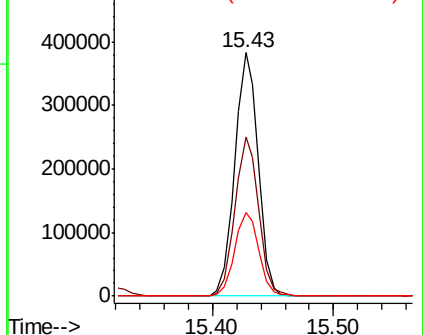
167 34.3 27.6 41.4

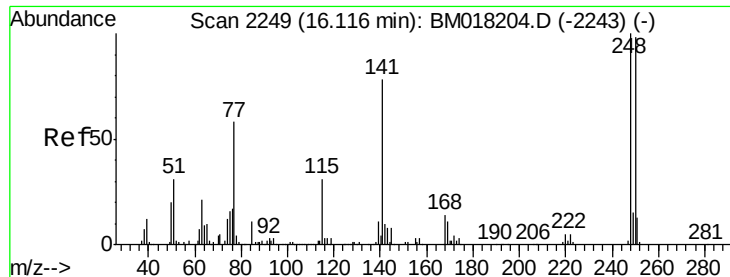


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

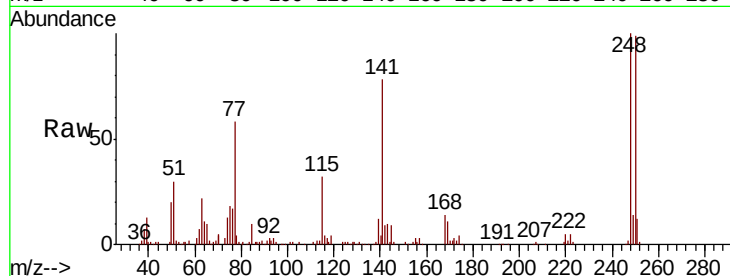




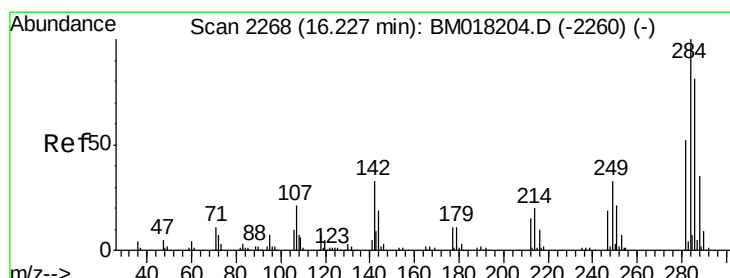
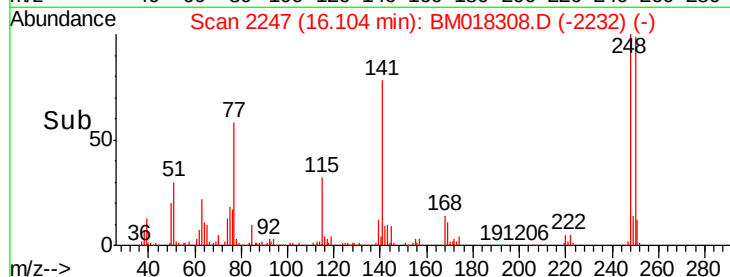
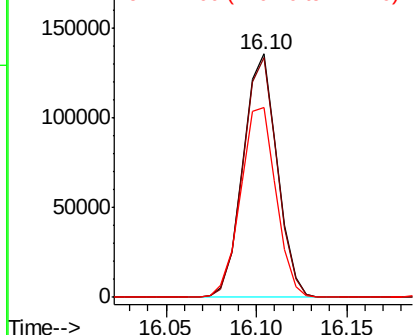
#67
4-Bromophenyl-phenylether
Concen: 39.482 ng
RT: 16.10 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

Tgt Ion:248 Resp: 177801
Ion Ratio Lower Upper
248 100
250 98.6 78.7 118.1
141 78.1 62.2 93.4

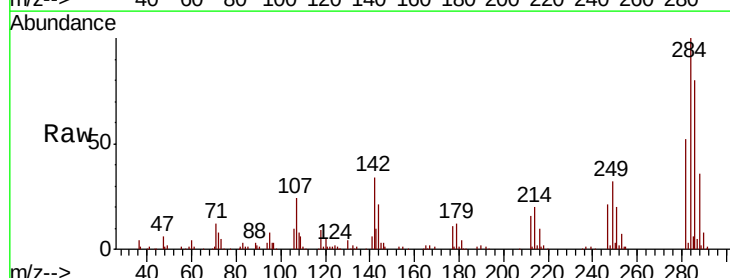


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

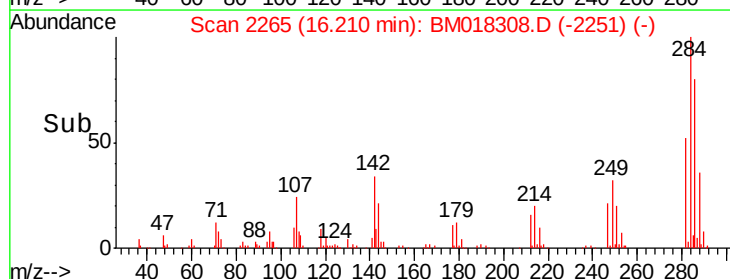
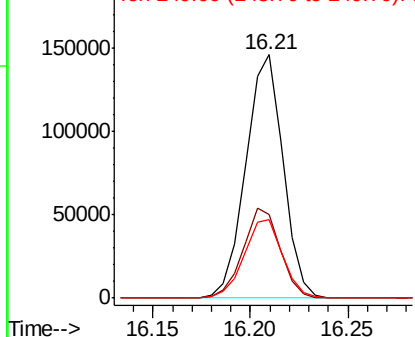


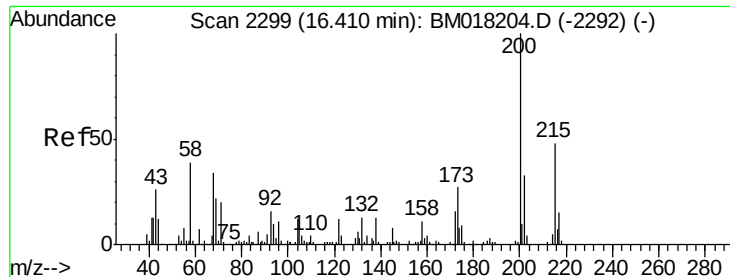
#68
Hexachlorobenzene
Concen: 39.149 ng
RT: 16.21 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:284 Resp: 193142
Ion Ratio Lower Upper
284 100
142 34.4 26.2 39.4
249 32.5 26.2 39.2



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





#69

Atrazine

Concen: 44.310 ng

RT: 16.40 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

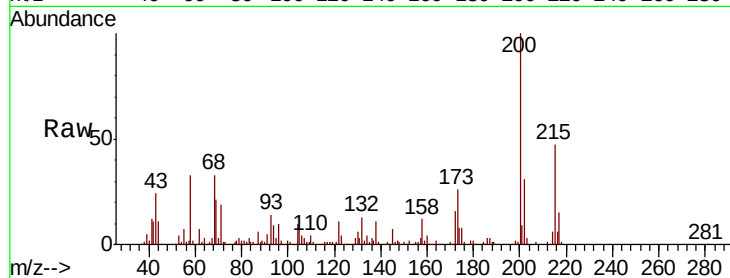
Tgt Ion:200 Resp: 183933

Ion Ratio Lower Upper

200 100

173 25.7 6.9 46.9

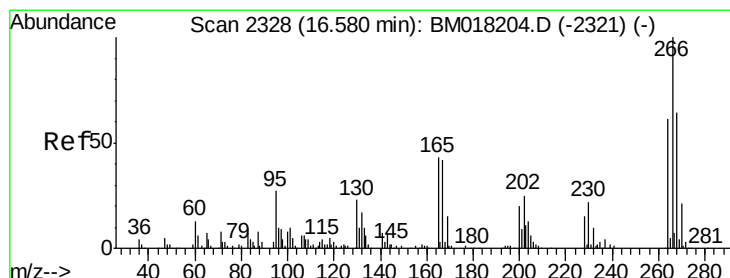
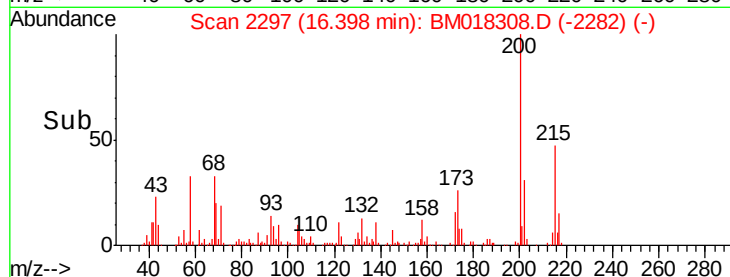
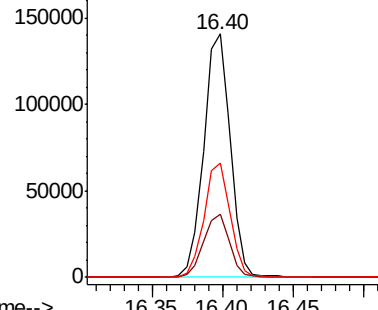
215 47.1 27.9 67.9



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: 72.069 ng

RT: 16.56 min Scan# 2325

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

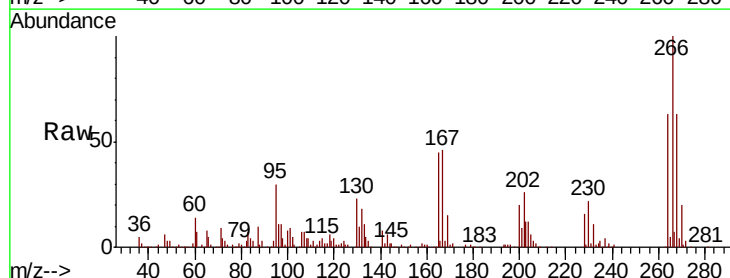
Tgt Ion:266 Resp: 234817

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

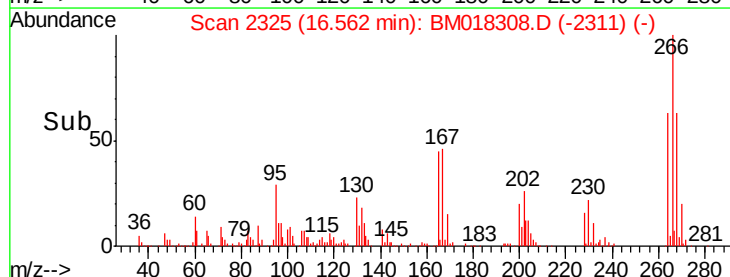
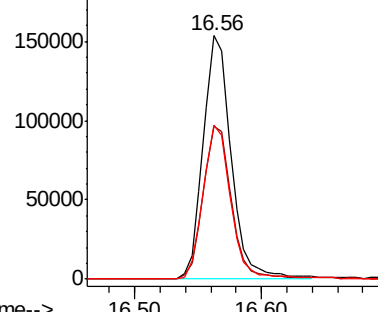
264 63.5 49.0 73.4

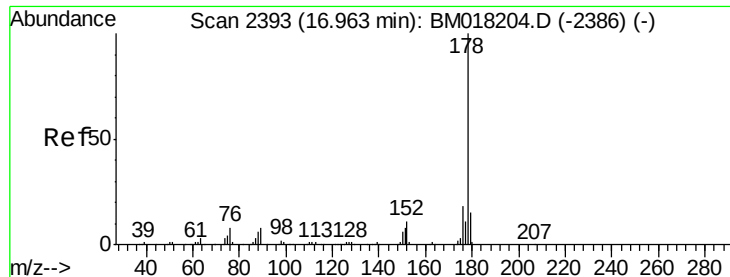


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

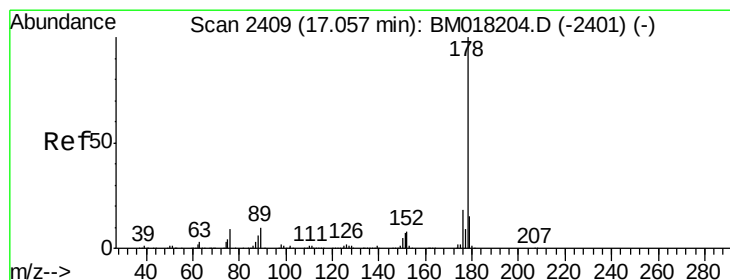
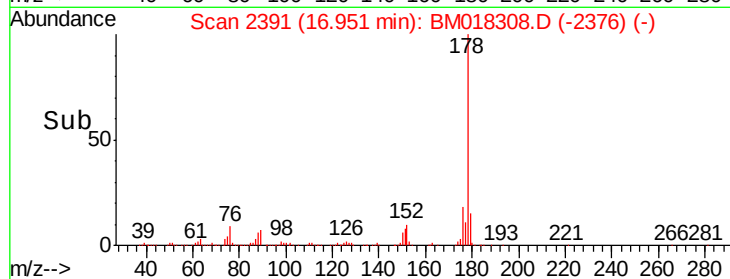
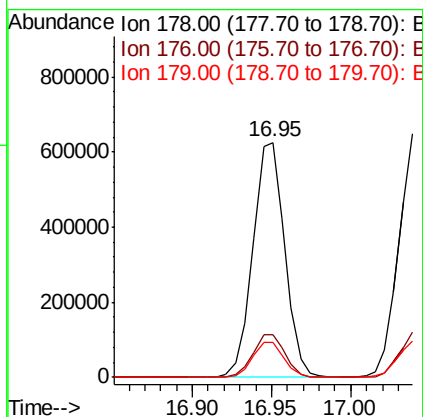
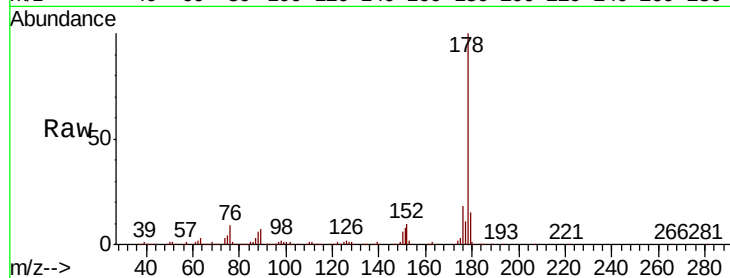




#71
Phenanthrene
Concen: 43.197 ng
RT: 16.95 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

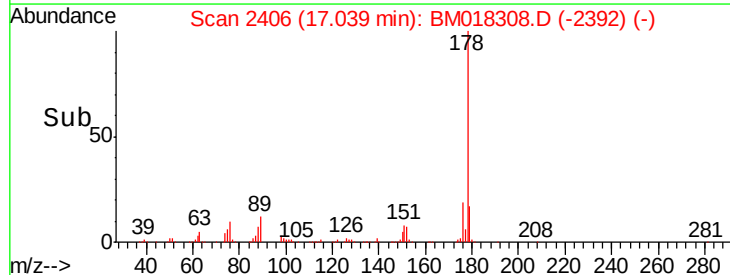
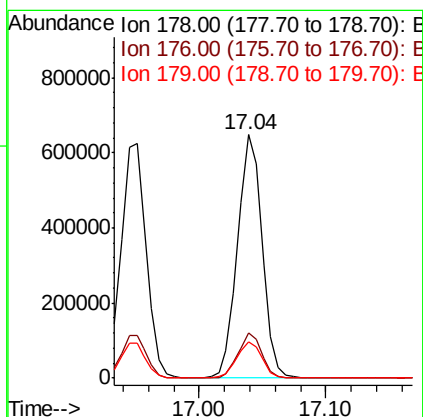
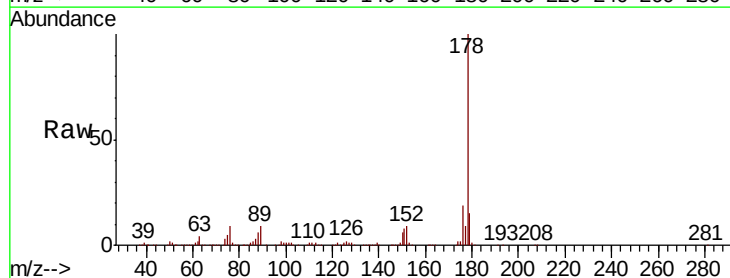
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

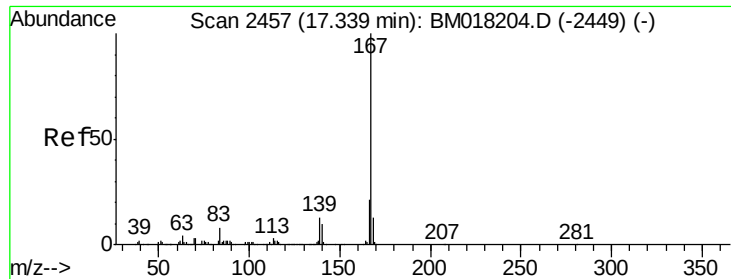
Tgt Ion:178 Resp: 872472
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.1 12.0 18.0



#72
Anthracene
Concen: 43.299 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion:178 Resp: 867589
Ion Ratio Lower Upper
178 100
176 18.5 14.3 21.5
179 15.1 12.0 18.0

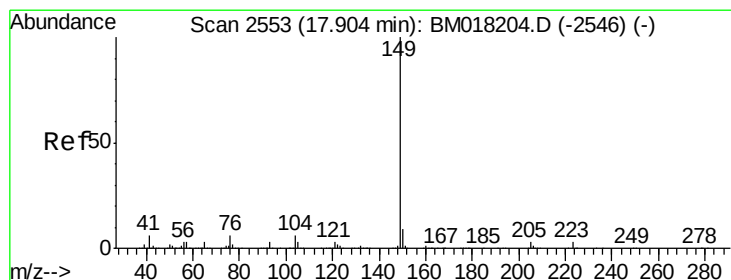
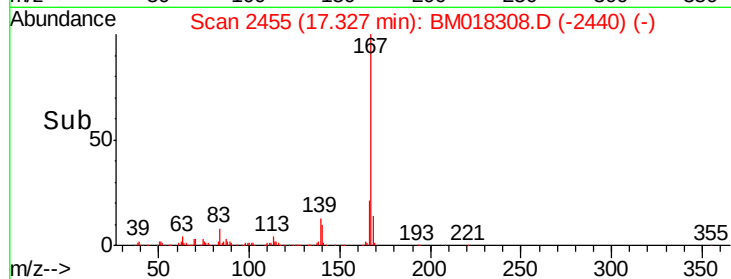
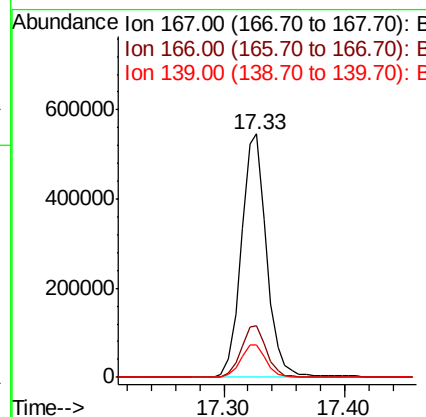
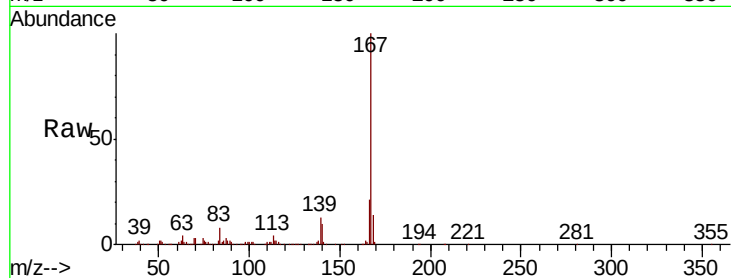




#73
 Carbazole
 Concen: 38.665 ng
 RT: 17.33 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

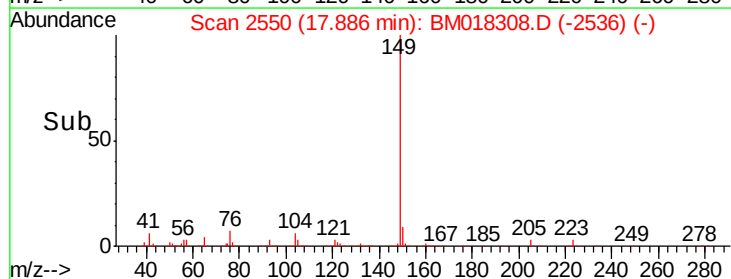
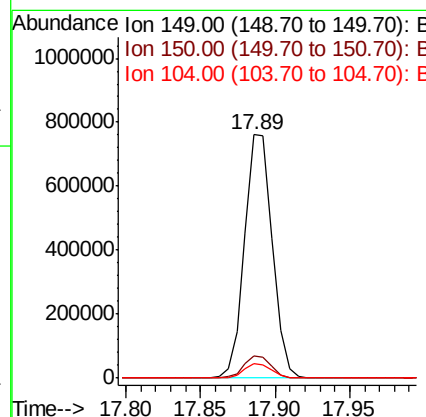
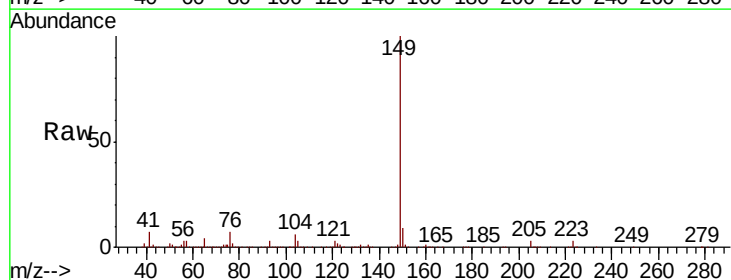
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

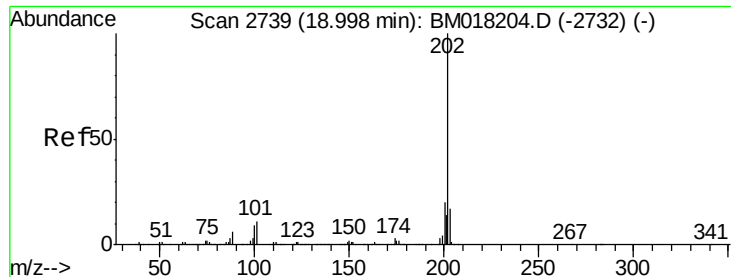
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.8	25.2
139	13.1	10.3	15.5



#74
 Di-n-butylphthalate
 Concen: 38.691 ng
 RT: 17.89 min Scan# 2550
 Delta R.T. -0.02 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 43.964 ng

RT: 18.98 min Scan# 2736

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

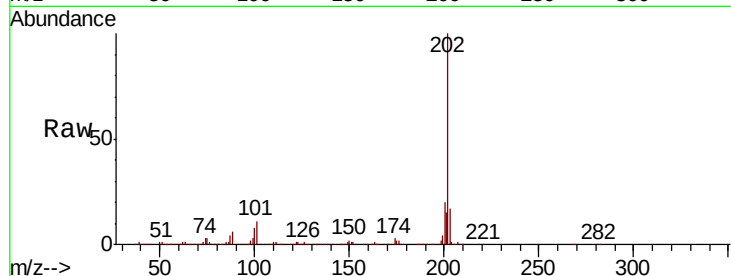
Tgt Ion:202 Resp: 1032381

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.5

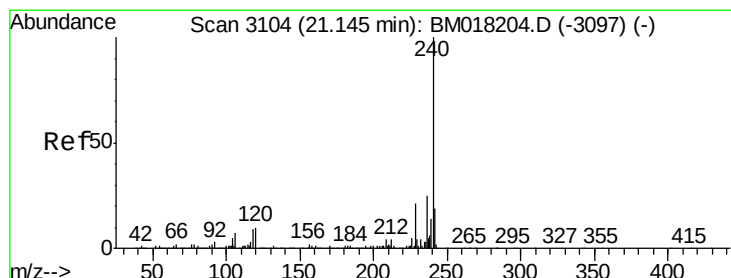
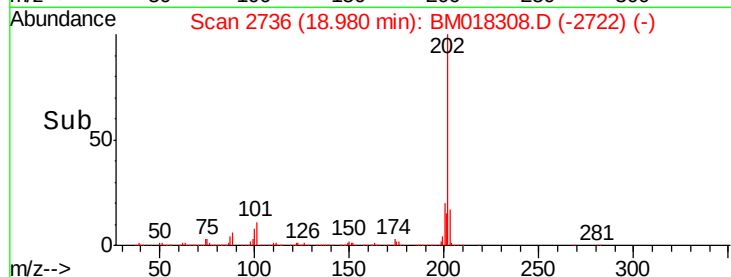
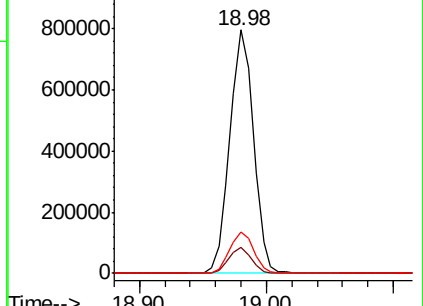
203 17.2 0.0 37.5



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: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

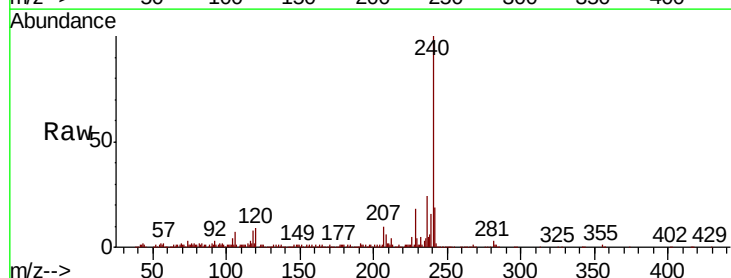
Tgt Ion:240 Resp: 440370

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

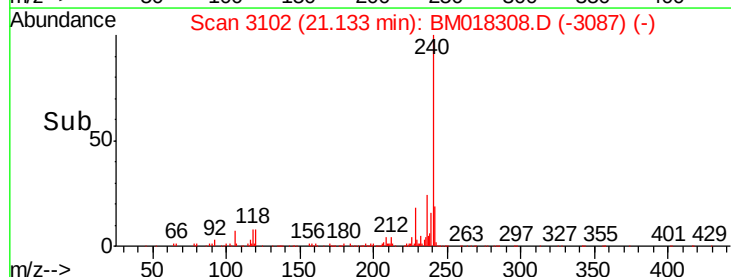
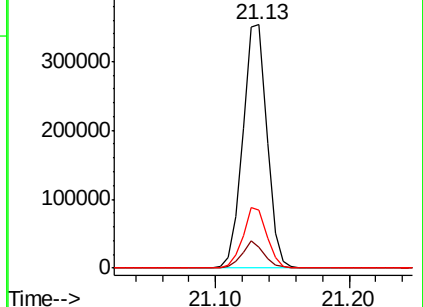
236 23.9 20.3 30.5

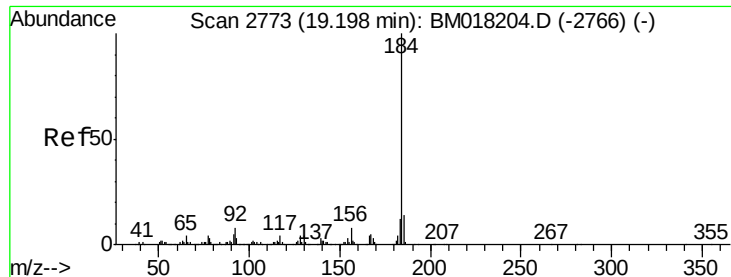


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.203 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

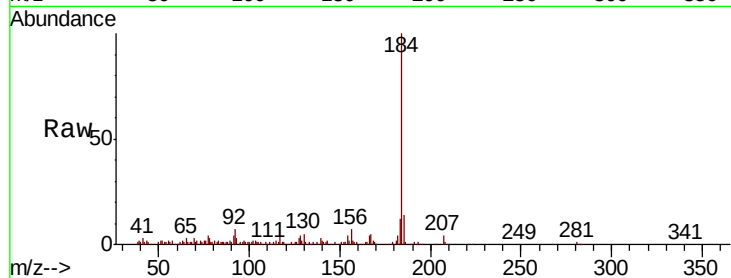
Tgt Ion:184 Resp: 247944

Ion Ratio Lower Upper

184 100

185 13.6 11.4 17.2

183 11.7 9.7 14.5

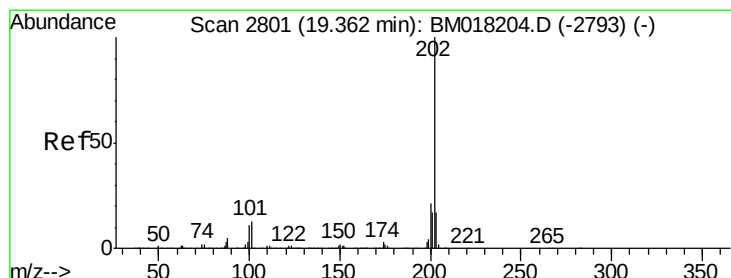
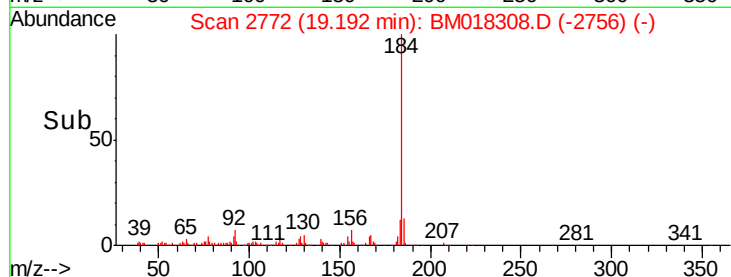
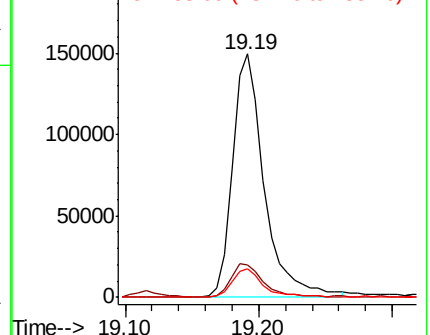


Abundance

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: 40.023 ng

RT: 19.34 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

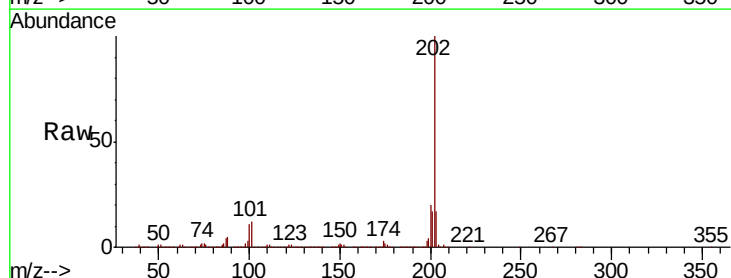
Tgt Ion:202 Resp: 1050185

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 17.2 14.0 21.0

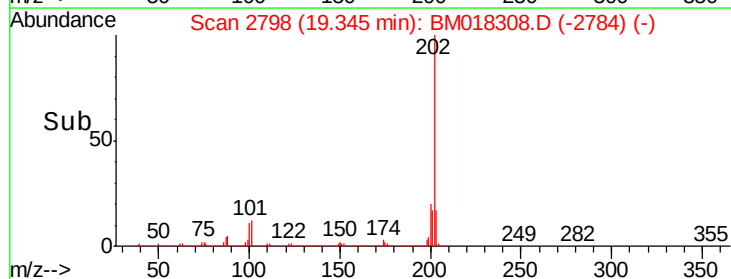
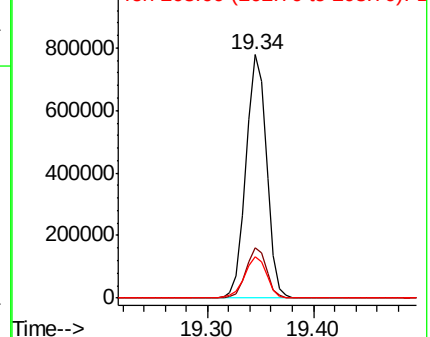


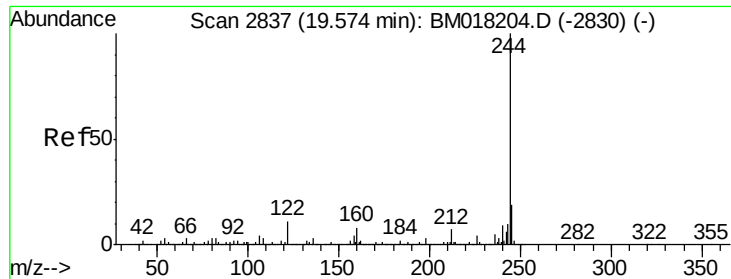
Abundance

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: 63.461 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

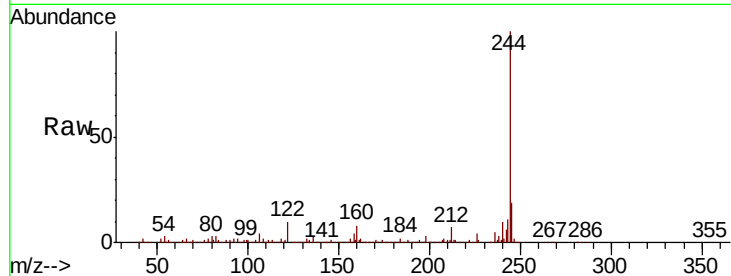
Tgt Ion:244 Resp: 1235654

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

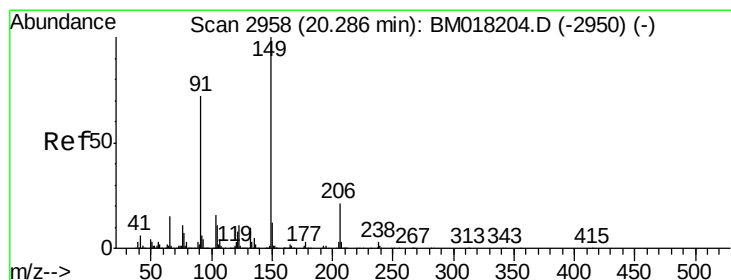
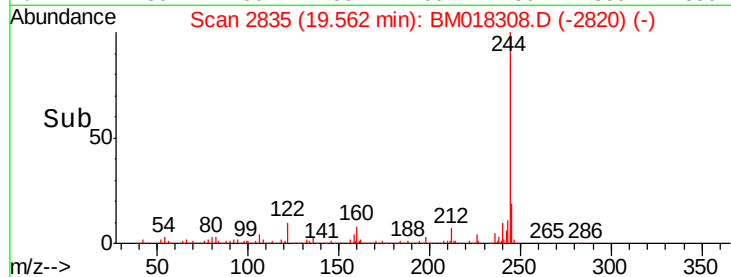
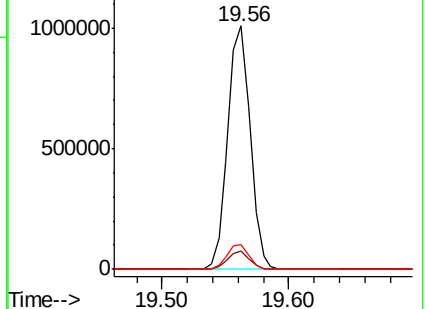
122 10.0 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.858 ng

RT: 20.27 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

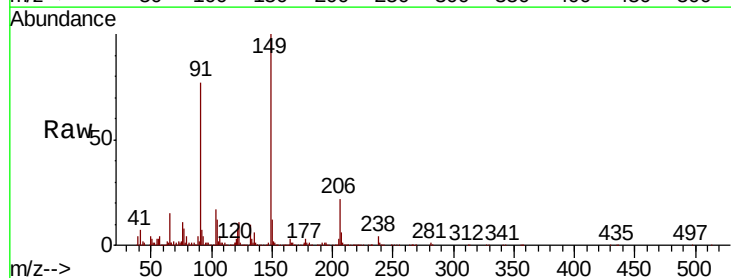
Tgt Ion:149 Resp: 472573

Ion Ratio Lower Upper

149 100

91 77.0 57.4 86.2

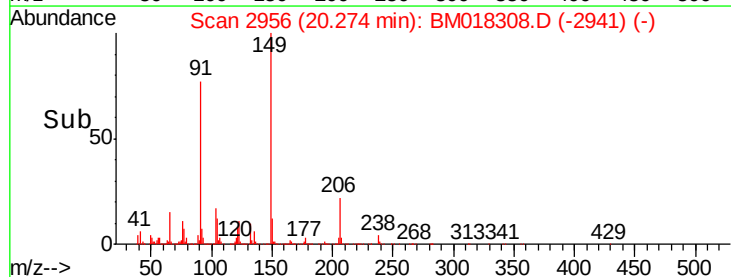
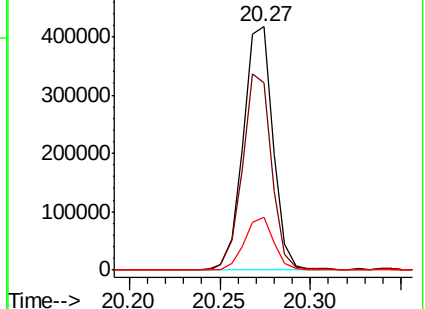
206 21.8 17.0 25.4

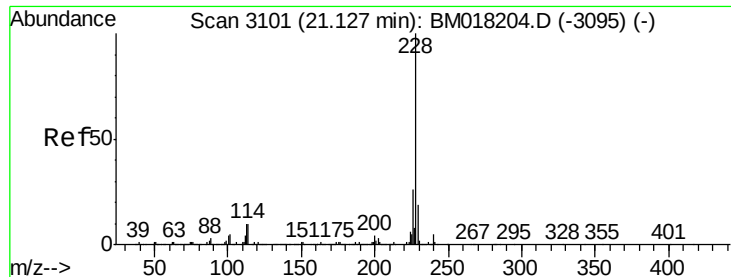


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.320 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

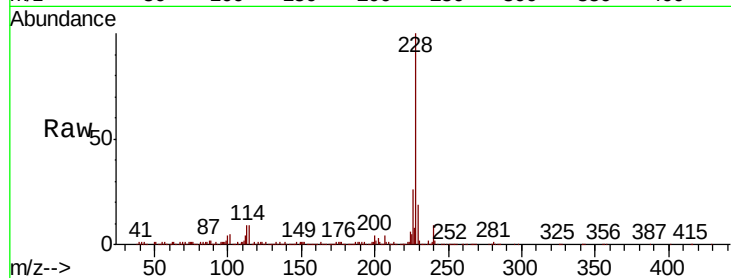
Tgt Ion:228 Resp: 1140107

Ion Ratio Lower Upper

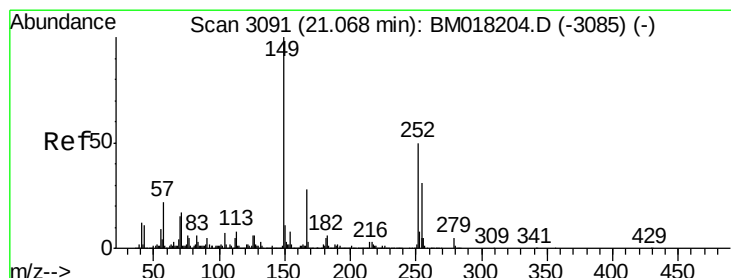
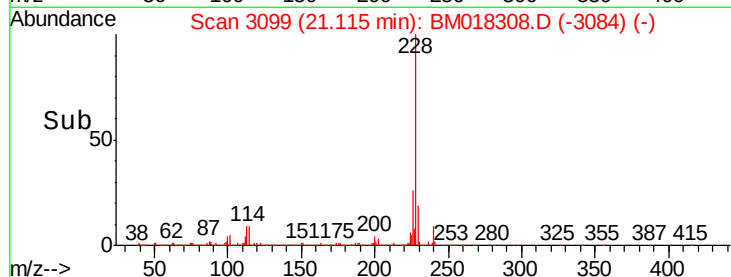
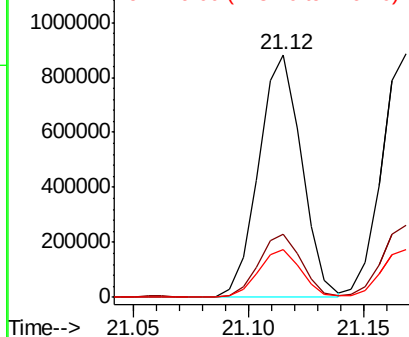
228 100

226 25.8 21.0 31.4

229 19.5 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: 31.653 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

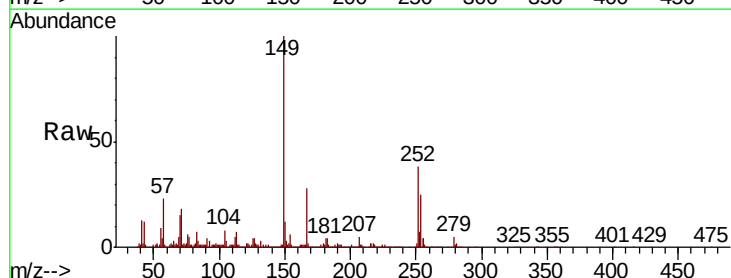
Tgt Ion:252 Resp: 325303

Ion Ratio Lower Upper

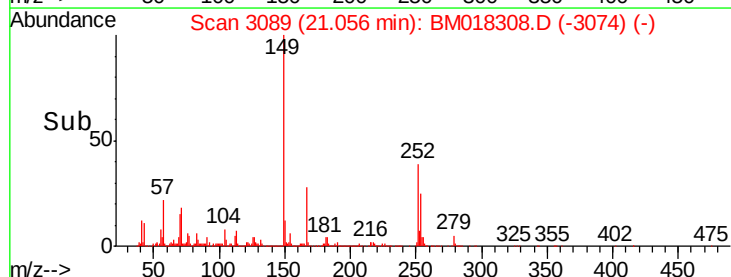
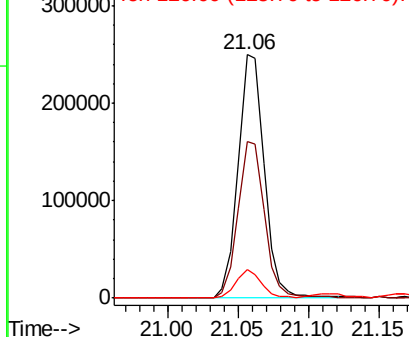
252 100

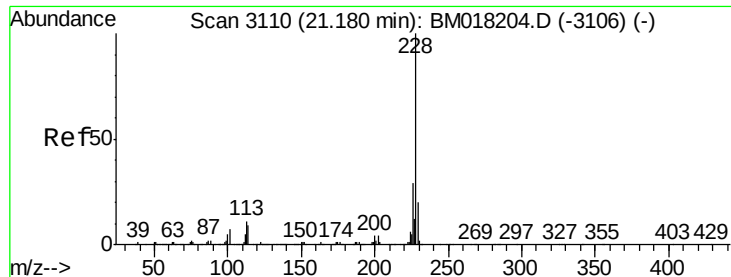
254 64.4 50.4 75.6

126 11.6 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

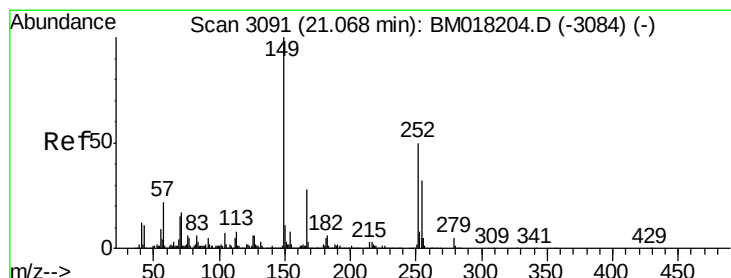
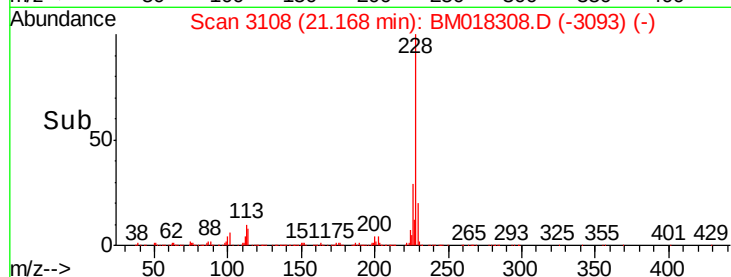
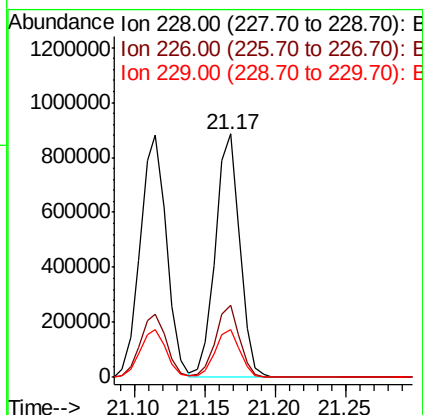
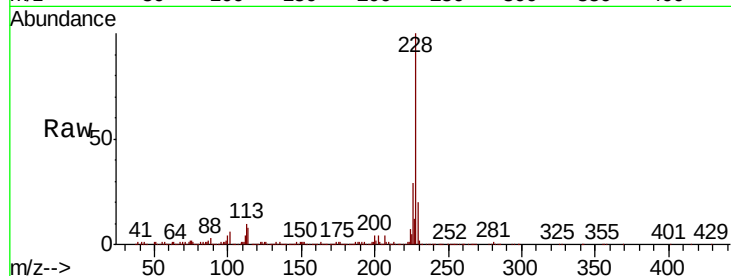




#83
 Chrysene
 Concen: 42.986 ng
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

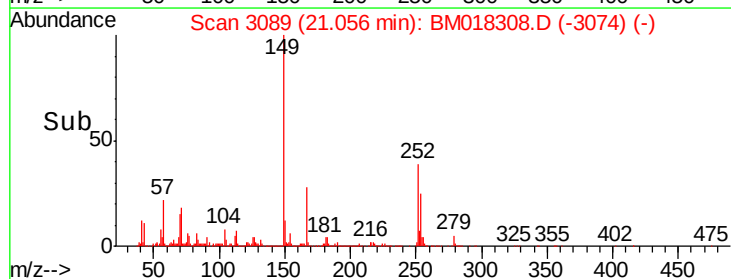
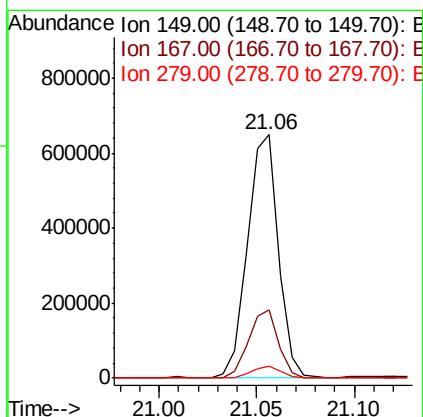
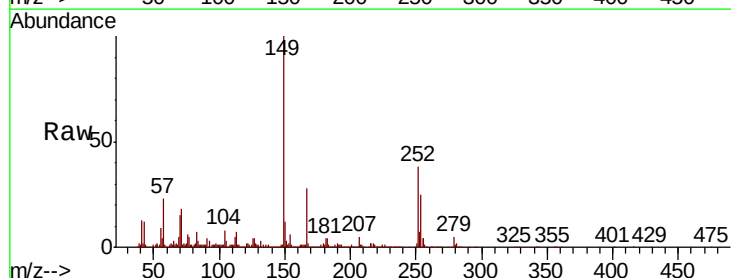
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS001-0612-01MSD

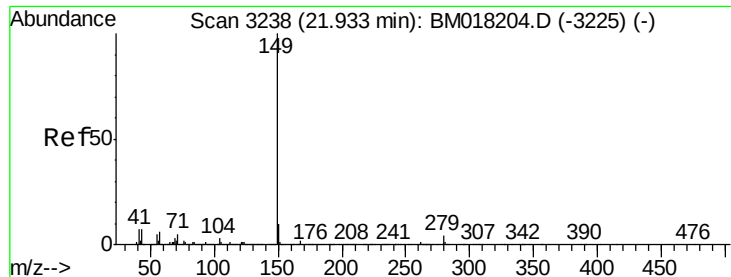
Tgt Ion: 228 Resp: 1063609
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.1 34.7
 229 19.7 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.789 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM018308.D
 Acq: 19 Dec 2018 22:12

Tgt Ion: 149 Resp: 703025
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.7 34.1
 279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.244 ng

RT: 21.92 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

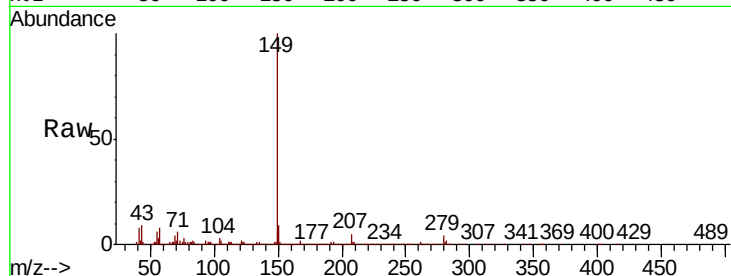
Tgt Ion:149 Resp: 1287098

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

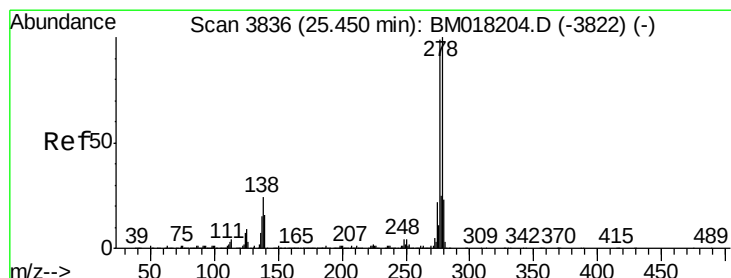
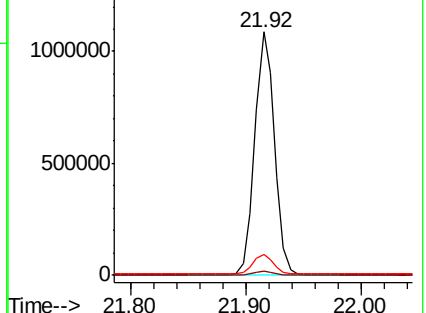
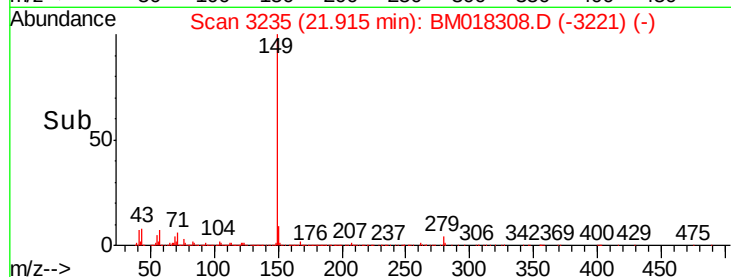
43 8.2 6.2 9.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BMO



#86

Indeno(1,2,3-cd)pyrene

Concen: 62.617 ng

RT: 25.41 min Scan# 3830

Delta R.T. -0.04 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

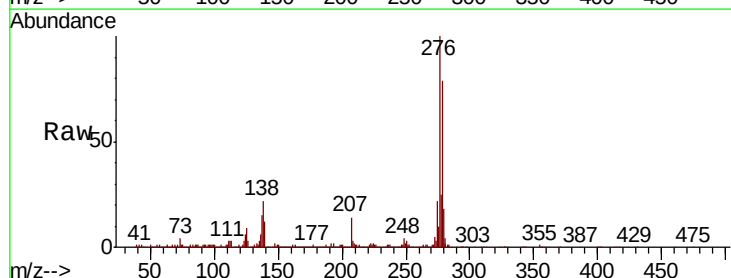
Tgt Ion:276 Resp: 1543325

Ion Ratio Lower Upper

276 100

138 21.8 18.6 28.0

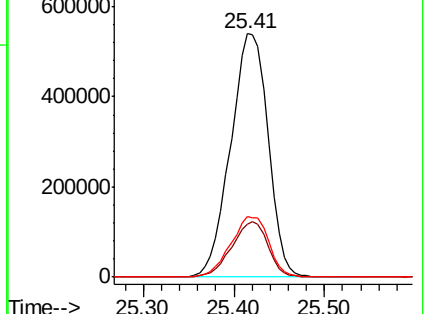
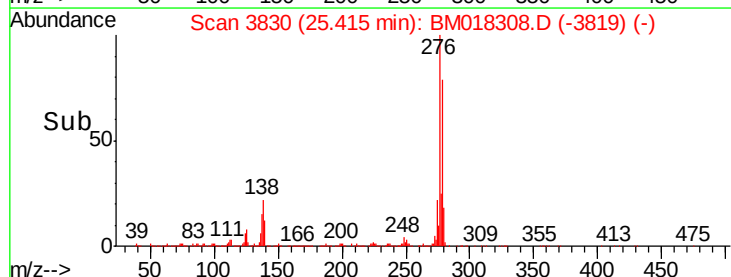
277 24.8 20.3 30.5

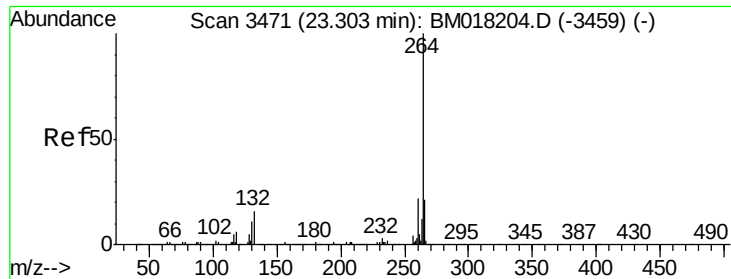


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

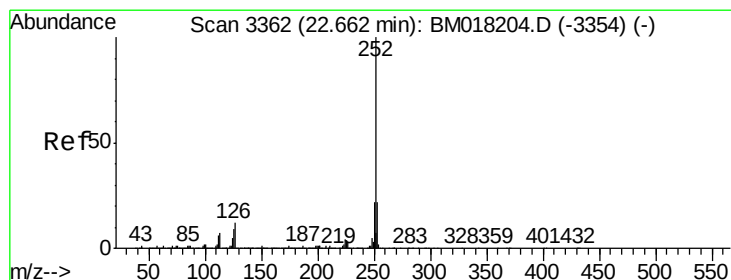
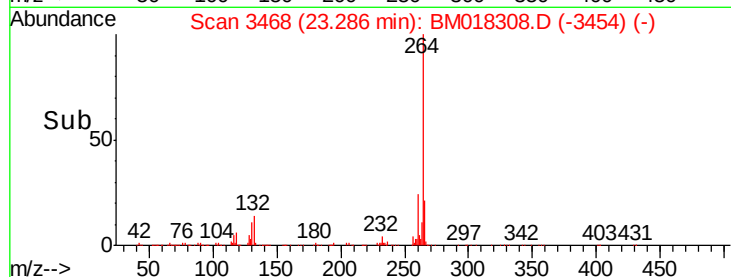
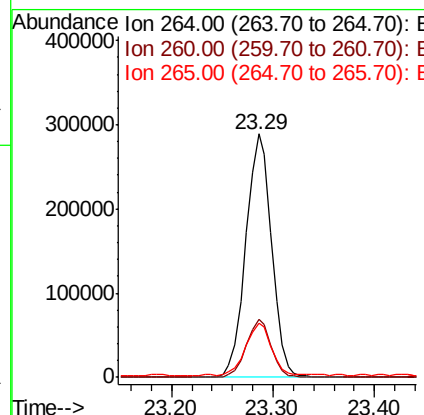
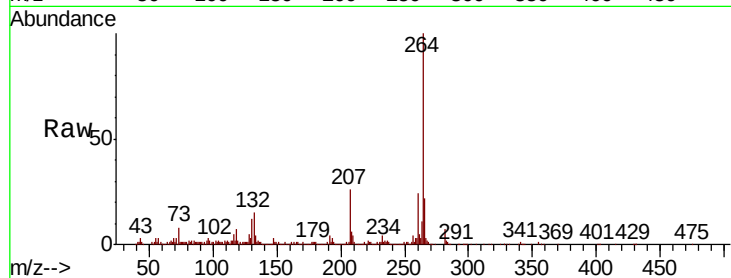




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

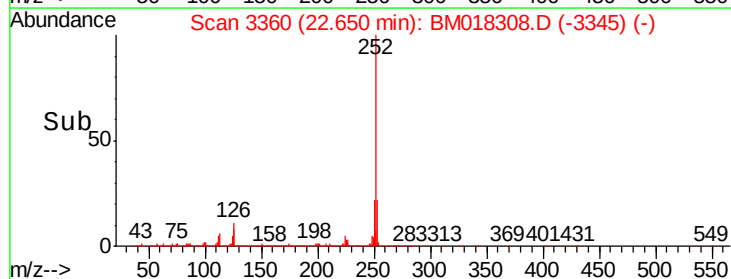
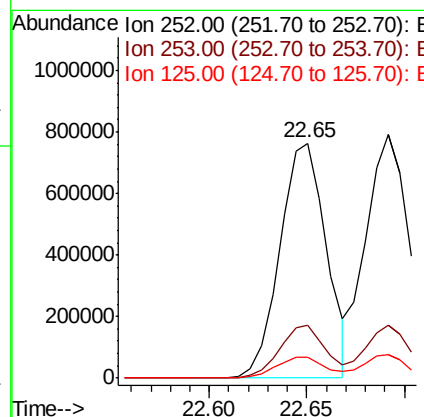
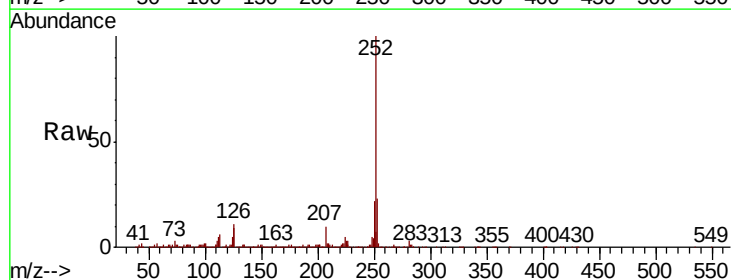
Instrument :
BNA_M
ClientSampleId :
P001-SS001-0612-01MSD

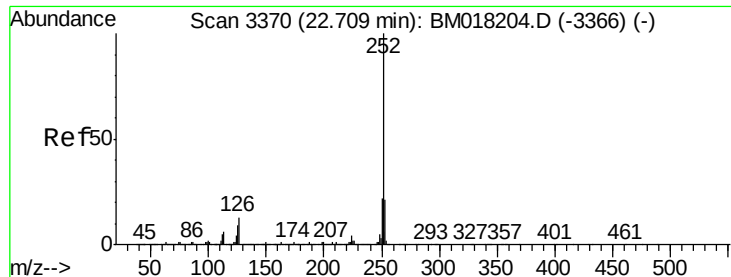
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.5	26.3
265	22.0	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 43.740 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM018308.D
Acq: 19 Dec 2018 22:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	8.6	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 42.450 ng

RT: 22.69 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

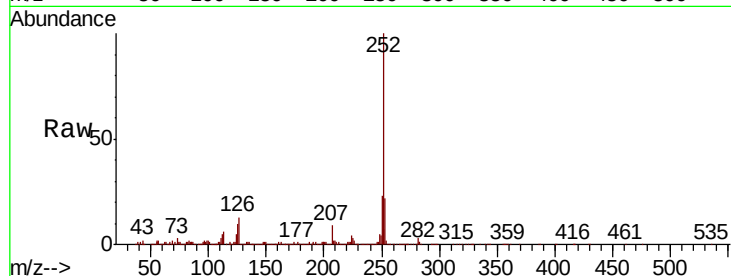
Tgt Ion:252 Resp: 1210992

Ion Ratio Lower Upper

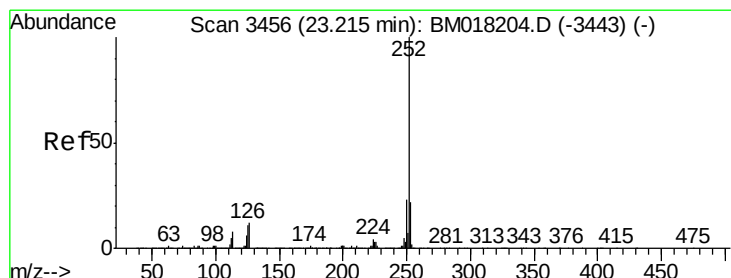
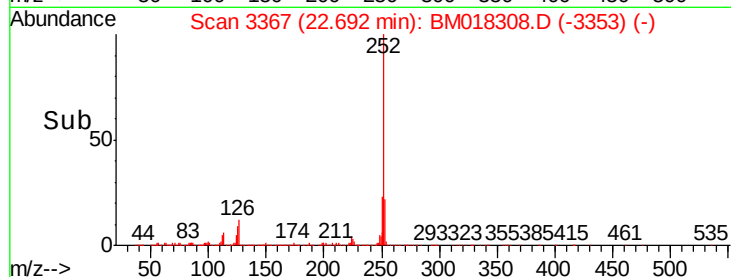
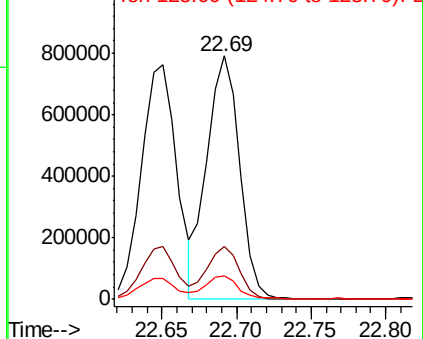
252 100

253 21.9 16.9 25.3

125 9.6 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.694 ng

RT: 23.20 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

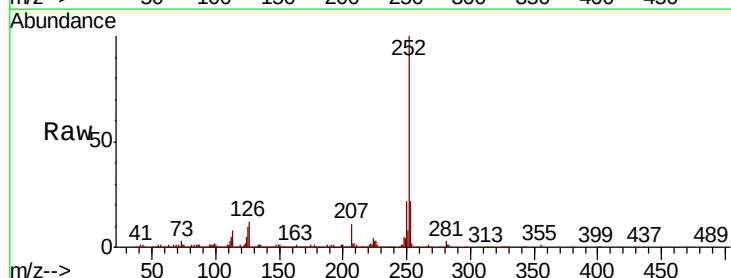
Tgt Ion:252 Resp: 1217653

Ion Ratio Lower Upper

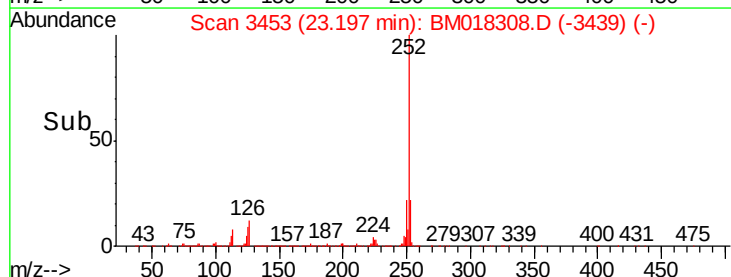
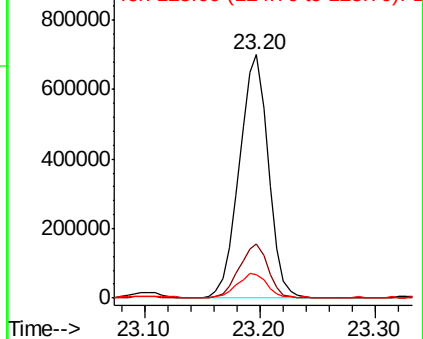
252 100

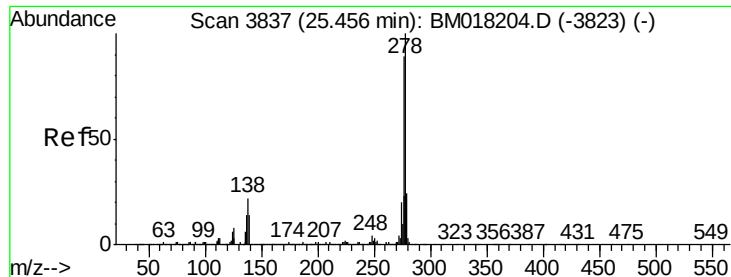
253 22.1 17.6 26.4

125 9.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.360 ng

RT: 25.43 min Scan# 3832

Delta R.T. -0.03 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

Instrument :

BNA_M

ClientSampleId :

P001-SS001-0612-01MSD

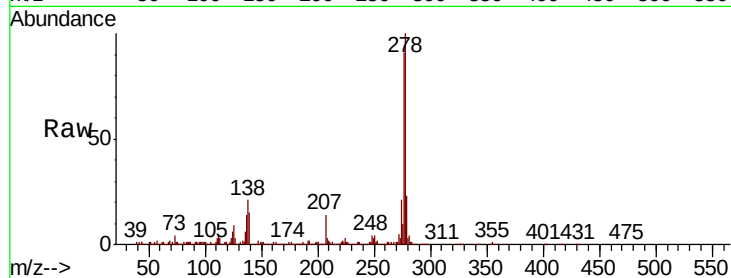
Tgt Ion:278 Resp: 1296168

Ion Ratio Lower Upper

278 100

139 14.6 11.6 17.4

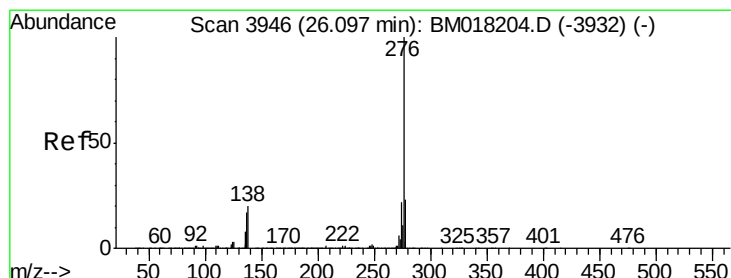
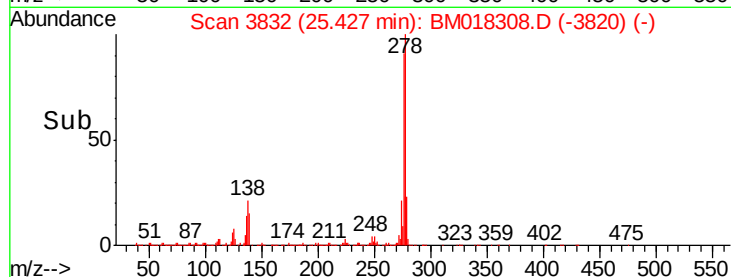
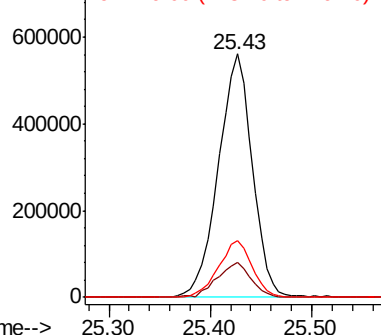
279 23.1 19.2 28.8



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: 53.448 ng

RT: 26.07 min Scan# 3941

Delta R.T. -0.03 min

Lab File: BM018308.D

Acq: 19 Dec 2018 22:12

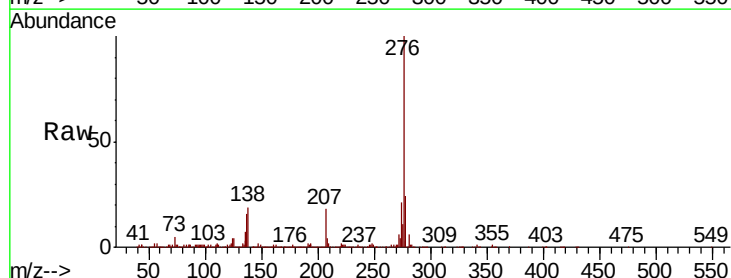
Tgt Ion:276 Resp: 1275060

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 18.6 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

