

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
 Data File : BM018360.D
 Acq On : 21 Dec 2018 14:58
 Operator : JU/SJ
 Sample : J6389-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1824-01

Quant Time: Dec 22 03:49:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	130786	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	591091	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	345283	20.00	ng	0.01
64) Phenanthrene-d10	16.94	188	667565	20.00	ng	0.02
76) Chrysene-d12	21.19	240	921113	20.00	ng	0.04
87) Perylene-d12	23.39	264	775911	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	447027	57.10	ng	0.04
7) Phenol-d6	6.72	99	517643	47.57	ng	0.02
23) Nitrobenzene-d5	8.65	82	351454	30.50	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	193031	38.09	ng	0.02
45) 2-Fluorobiphenyl	12.77	172	701652	26.32	ng	0.00
79) Terphenyl-d14	19.60	244	1258473	30.90	ng	0.03

Target Compounds

						Qvalue
9) Benzaldehyde	6.65	77	107292	16.176	ng	# 1
10) Phenol	6.76	94	255846	22.200	ng	# 89
11) bis(2-Chloroethyl)ether	6.97	93	22054	2.408	ng	# 1
13) 1,4-Dichlorobenzene	7.53	146	37502	3.575	ng	# 80
14) 1,2-Dichlorobenzene	7.84	146	30398	3.006	ng	# 84
17) 2-Methylphenol	7.96	107	28898	3.755	ng	# 1
18) Hexachloroethane	8.57	117	188621	49.060	ng	# 1
19) n-Nitroso-di-n-propylamine	8.34	70	108274	13.326	ng	# 67
20) 3+4-Methylphenols	8.29	107	137107	12.715	ng	# 51
22) Acetophenone	8.32	105	43909	2.807	ng	# 54
24) Nitrobenzene	8.70	77	25978	2.256	ng	# 58
25) Isophorone	9.17	82	191459	9.979	ng	# 1
26) 2-Nitrophenol	9.39	139	20742	3.673	ng	# 1
27) 2,4-Dimethylphenol	9.49	122	73034	8.973	ng	# 54
30) 1,2,4-Trichlorobenzene	10.13	180	1330835	129.649	ng	# 96
31) Naphthalene	10.32	128	2975543	102.950	ng	# 97
35) Caprolactam	11.29	113	423736	123.226	ng	# 1
36) 4-Chloro-3-methylphenol	11.56	107	26835	2.475	ng	# 32
37) 2-Methylnaphthalene	11.95	142	2545934	124.906	ng	# 98
38) 1-Methylnaphthalene	12.17	142	1545943	77.727	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	434996	36.636	ng	# 93
41) Hexachlorocyclopentadiene	12.37	237	1124	8.284	ng	# 86
44) 2,4,5-Trichlorophenol	12.69	196	18758	2.314	ng	# 1
46) 1,1'-Biphenyl	12.99	154	796210	25.632	ng	# 97
48) 2-Nitroaniline	13.26	65	18016	2.558	ng	# 41
49) Acenaphthylene	13.89	152	309157	8.973	ng	# 7
51) 2,6-Dinitrotoluene	13.77	165	65731	10.416	ng	# 61
52) Acenaphthene	14.24	154	94578	4.492	ng	# 55
53) 3-Nitroaniline	14.12	138	66831	10.064	ng	# 27
54) 2,4-Dinitrophenol	14.33	184	14333	4.117	ng	# 1
55) Dibenzofuran	14.58	168	254176	7.513	ng	# 1
56) 4-Nitrophenol	14.47	139	25521	5.069	ng	# 1
57) 2,4-Dinitrotoluene	14.59	165	104016	11.925	ng	# 64
58) Fluorene	15.23	166	199865	7.649	ng	# 40

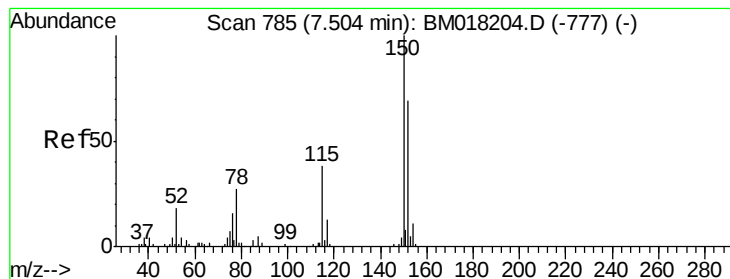
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122118\
 Data File : BM018360.D
 Acq On : 21 Dec 2018 14:58
 Operator : JU/SJ
 Sample : J6389-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1824-01

Quant Time: Dec 22 03:49:29 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)	
61) 4-Chlorophenyl-phenylether	15.24	204	30607	2.071	ng	#	1
63) Azobenzene	15.55	77	102120	3.615	ng	#	34
65) 4,6-Dinitro-2-methylphenol	15.36	198	13808	2.810	ng	#	1
66) n-Nitrosodiphenylamine	15.46	169	982703	44.516	ng	#	44
68) Hexachlorobenzene	16.25	284	119835	13.530	ng	#	13
69) Atrazine	16.40	200	2067713	277.453	ng	#	43
71) Phenanthrene	16.99	178	1942600	53.573	ng	#	88
75) Fluoranthene	19.03	202	438430	10.400	ng	#	40
77) Benzidine	19.17	184	231813	9.924	ng	#	1
78) Pyrene	19.40	202	1315028	23.960	ng	#	78
81) Benzo(a)anthracene	21.17	228	277694	5.161	ng	#	22
83) Chrysene	21.22	228	334873	6.470	ng	#	53
84) Bis(2-ethylhexyl)phthalate	21.10	149	488515	12.554	ng	#	79
88) Benzo(b)fluoranthene	22.74	252	307833	7.063	ng	#	1
89) Benzo(k)fluoranthene	22.74	252	321474	7.406	ng	#	1
90) Benzo(a)pyrene	23.29	252	240133	5.793	ng	#	1
92) Benzo(g,h,i)perylene	26.23	276	166796	4.595	ng	#	24

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

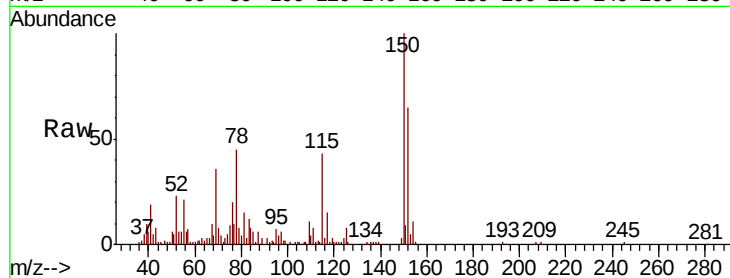


#1

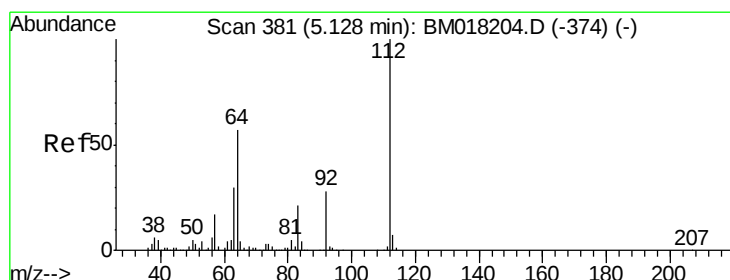
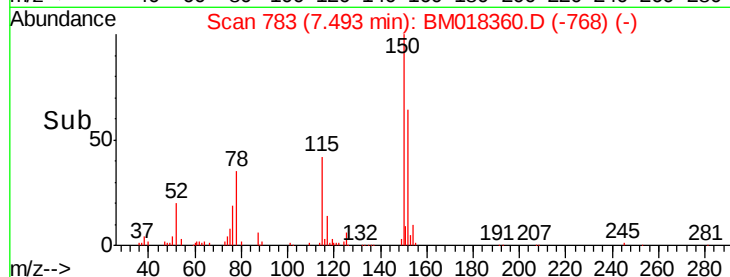
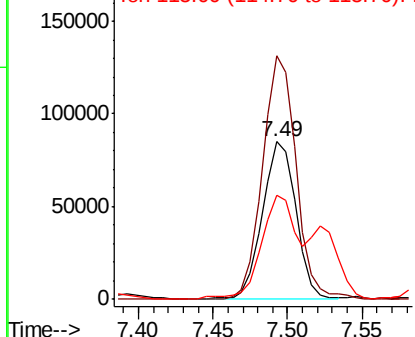
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tgt Ion:152 Resp: 130786
Ion Ratio Lower Upper
152 100
150 154.5 116.1 174.1
115 65.7 44.6 67.0



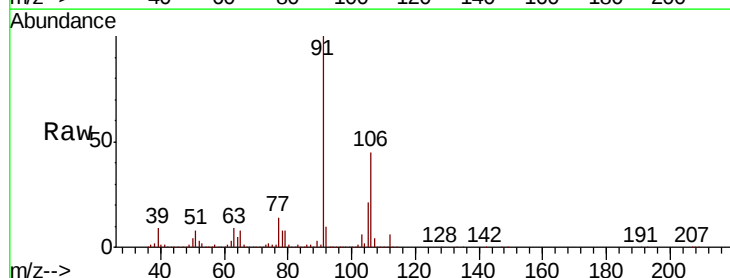
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



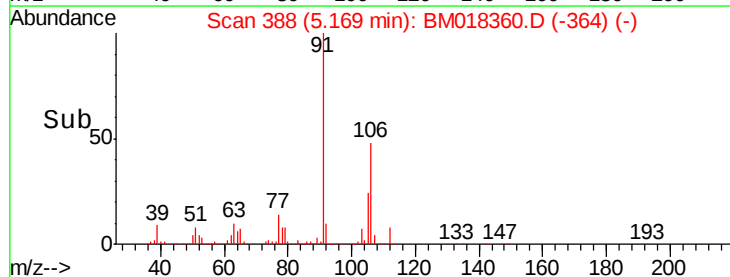
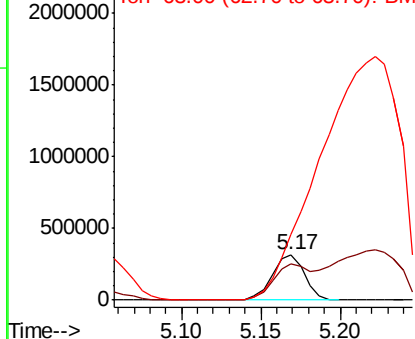
#5

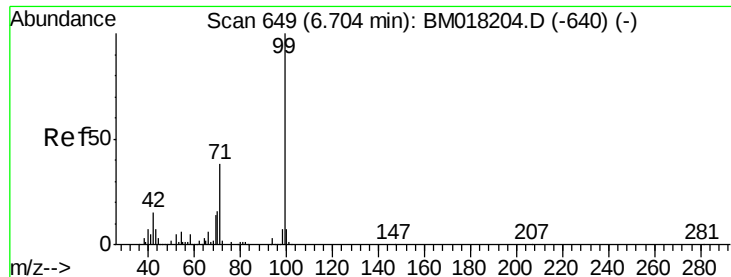
2-Fluorophenol
Concen: 57.097 ng
RT: 5.17 min Scan# 388
Delta R.T. 0.04 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion:112 Resp: 447027
Ion Ratio Lower Upper
112 100
64 79.6 45.4 68.2#
63 143.2 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 47.569 ng

RT: 6.72 min Scan# 652

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

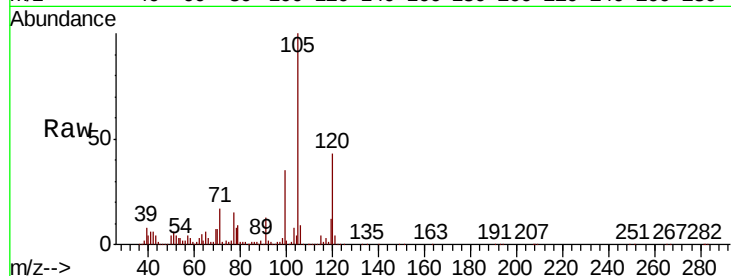
Tgt Ion: 99 Resp: 517643

Ion Ratio Lower Upper

99 100

42 17.9 12.3 18.5

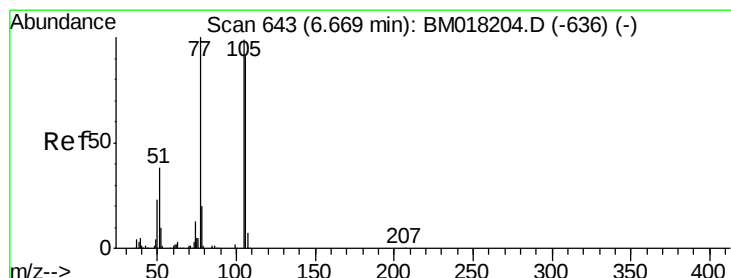
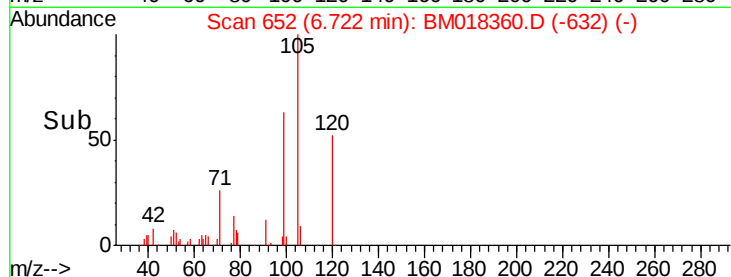
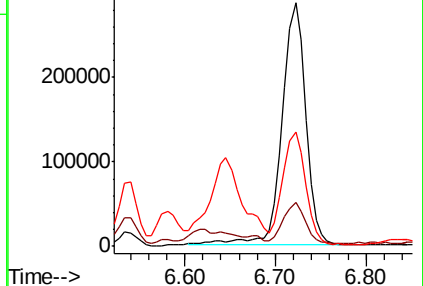
71 47.0 30.2 45.2#



Abundance Ion 99.00 (98.70 to 99.70): BM018360.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM018360.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM018360.D (-652) (-)



#9

Benzaldehyde

Concen: 16.176 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

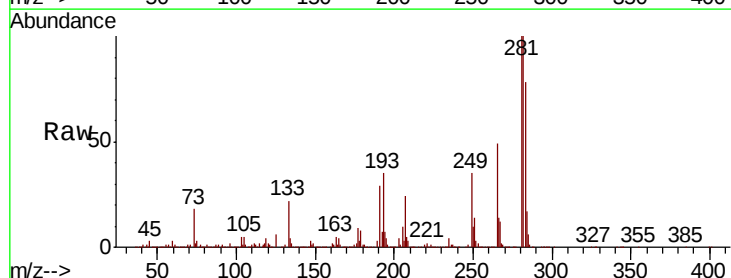
Tgt Ion: 77 Resp: 107292

Ion Ratio Lower Upper

77 100

105 787.4 78.8 118.8#

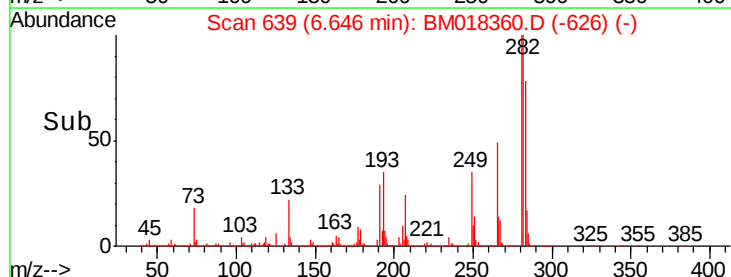
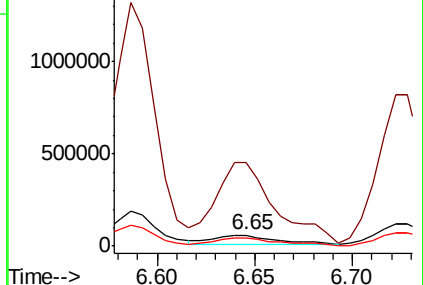
106 77.2 70.7 110.7

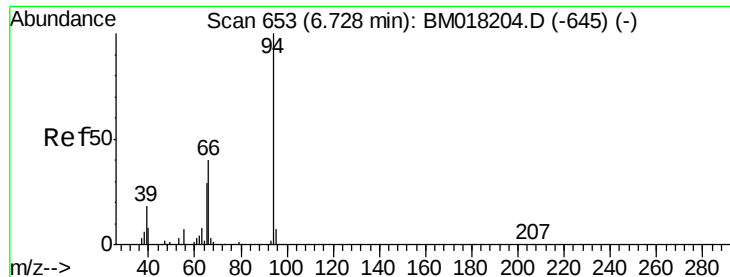


Abundance Ion 77.00 (76.70 to 77.70): BM018360.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM018360.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM018360.D (-626) (-)





#10

Phenol

Concen: 22.200 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

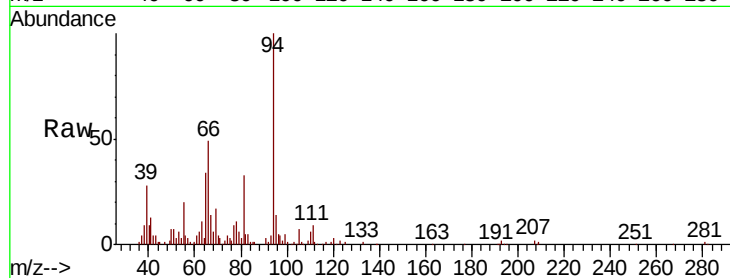
Tgt Ion: 94 Resp: 255846

Ion Ratio Lower Upper

94 100

65 34.2 9.5 49.5

66 49.3 21.3 61.3

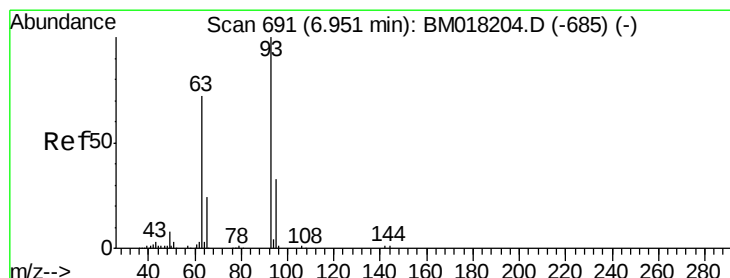
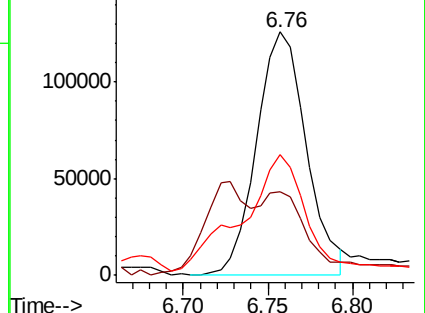
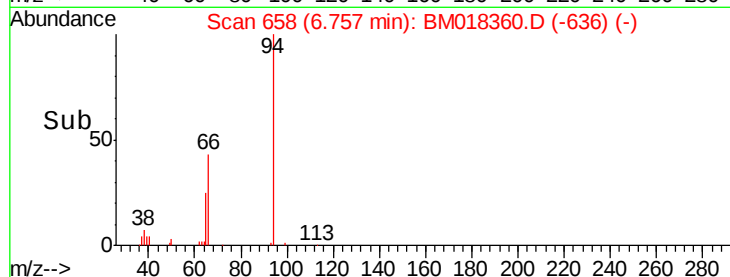


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

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

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

Time-->



#11

bis(2-Chloroethyl)ether

Concen: 2.408 ng

RT: 6.97 min Scan# 695

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

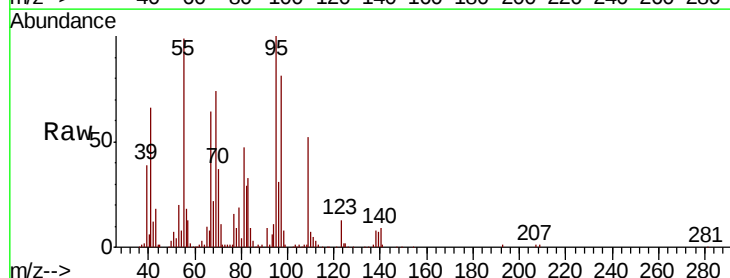
Tgt Ion: 93 Resp: 22054

Ion Ratio Lower Upper

93 100

63 46.0 51.7 91.7#

95 1584.8 13.1 53.1#

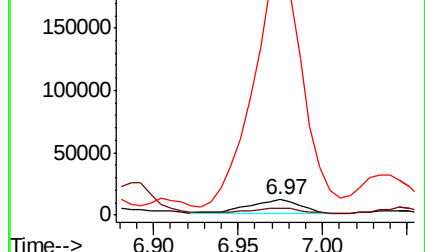
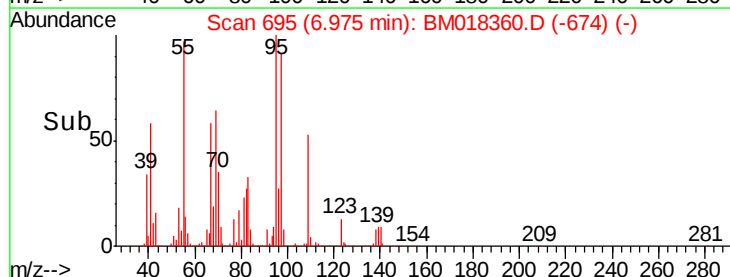


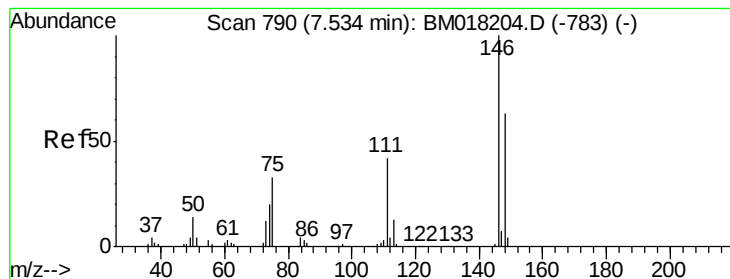
Abundance Ion 93.00 (92.70 to 93.70): BM018204.D (-685) (-)

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

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

Time-->





#13

1,4-Dichlorobenzene

Concen: 3.575 ng

RT: 7.53 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

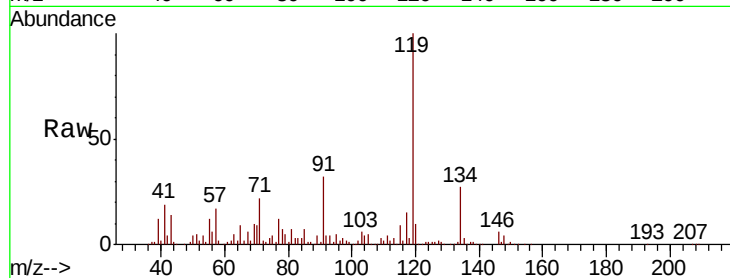
Tgt Ion:146 Resp: 37502

Ion Ratio Lower Upper

146 100

148 60.0 50.7 76.1

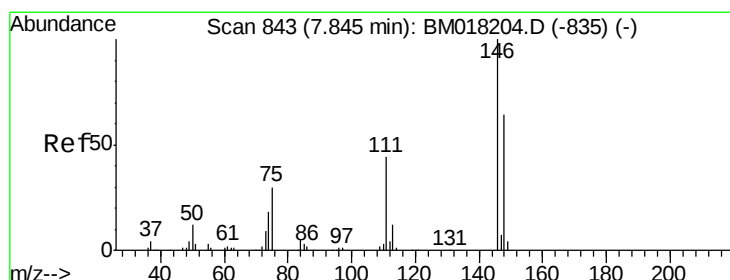
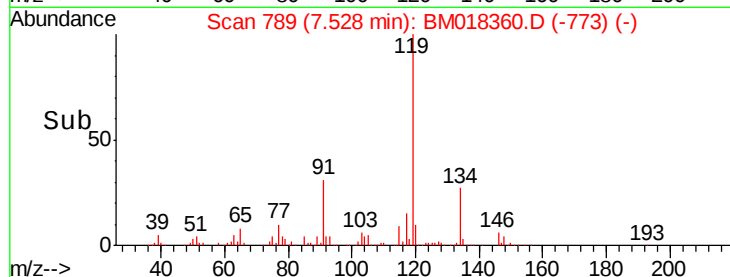
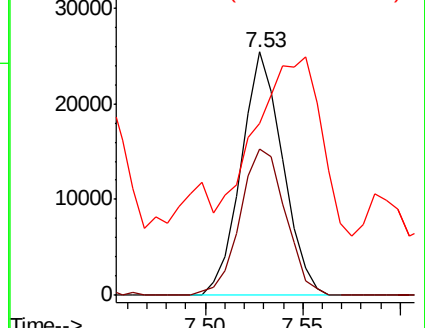
111 70.7 34.2 51.2#



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: 3.006 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

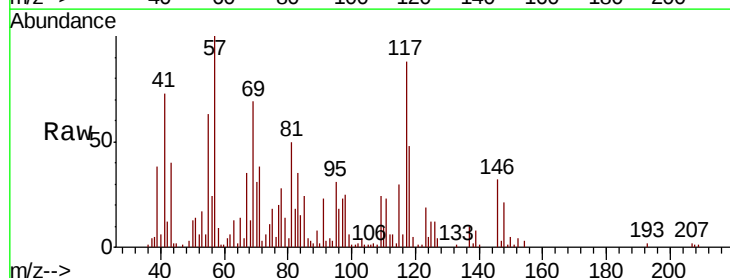
Tgt Ion:146 Resp: 30398

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

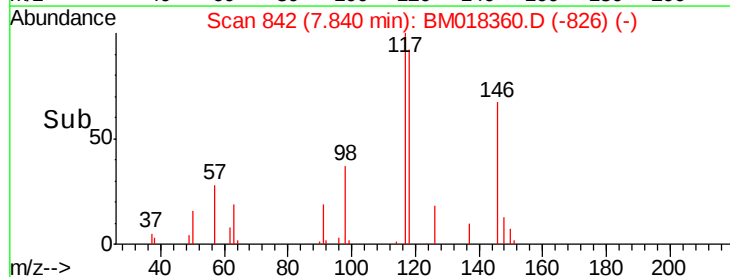
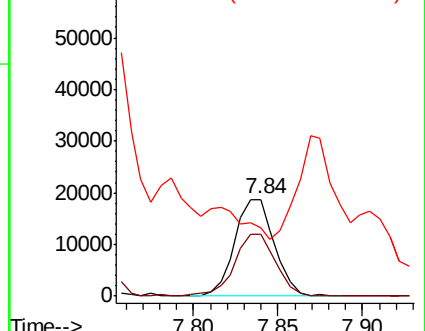
111 69.8 35.8 53.8#

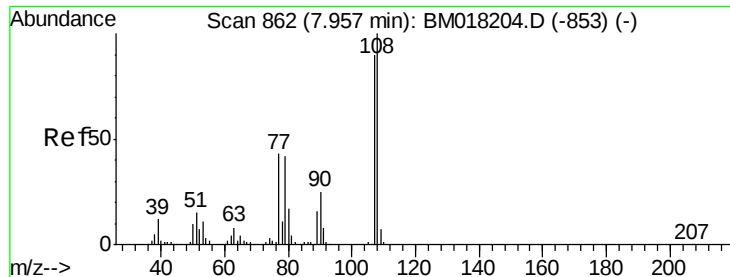


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

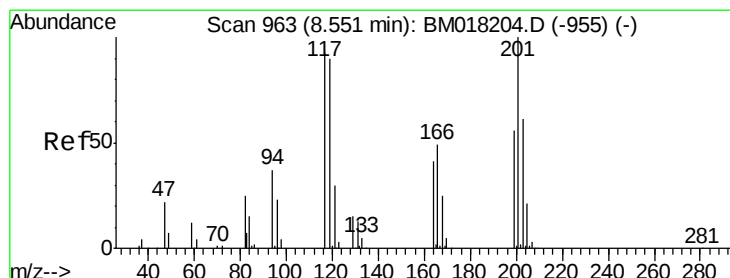
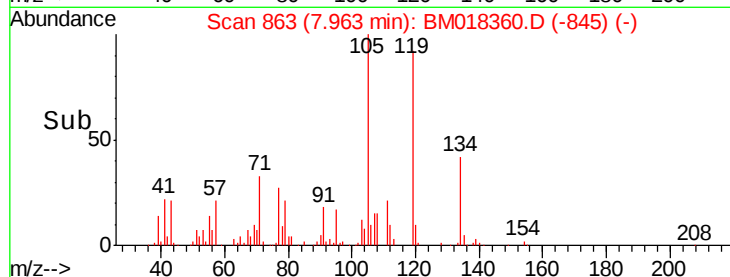
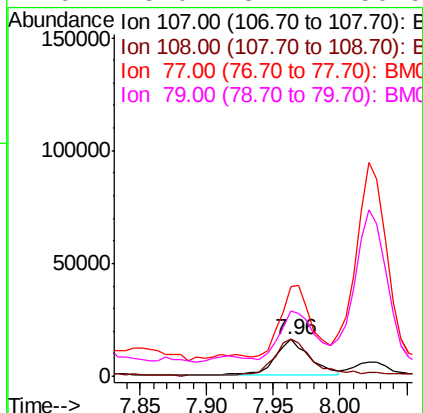
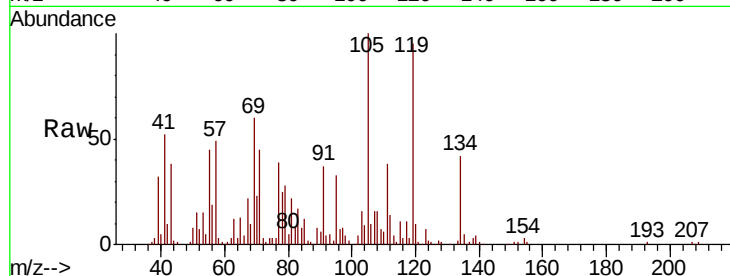




#17
2-Methylphenol
Concen: 3.755 ng
RT: 7.96 min Scan# 863
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

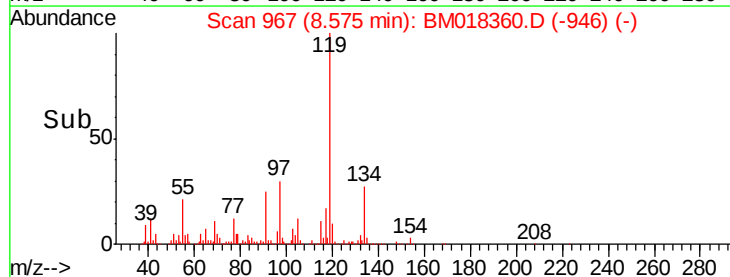
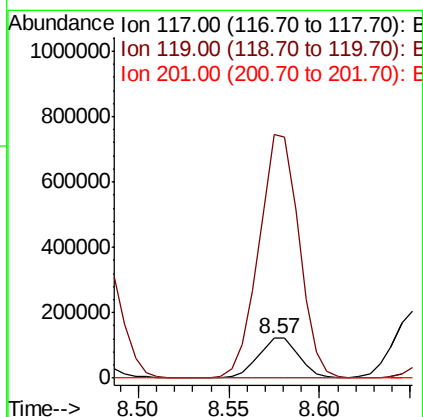
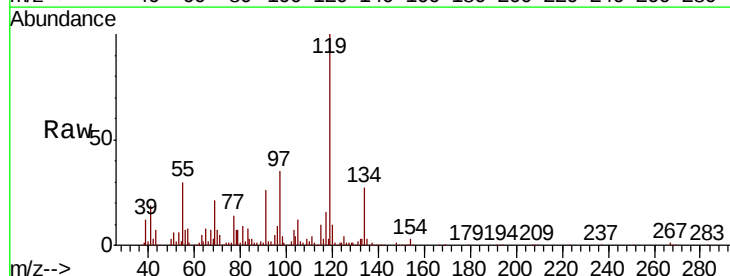
Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

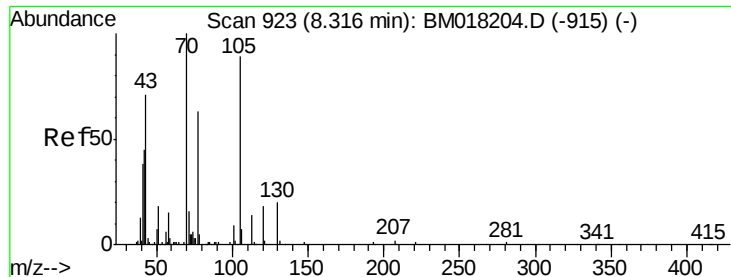
Tgt Ion	Ratio	Lower	Upper
107	100		
108	101.0	89.3	133.9
77	246.0	38.2	57.4#
79	178.0	37.7	56.5#



#18
Hexachloroethane
Concen: 49.060 ng
RT: 8.57 min Scan# 967
Delta R.T. 0.02 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	611.6	77.0	115.4#
201	0.0	85.7	128.5#

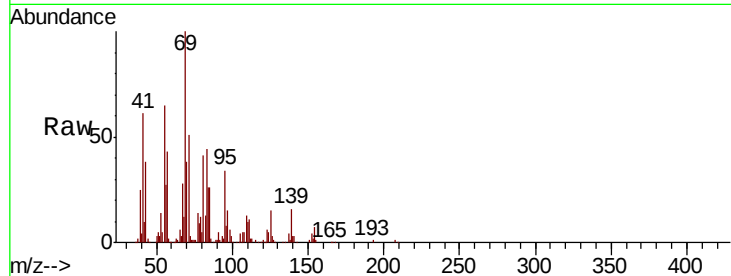




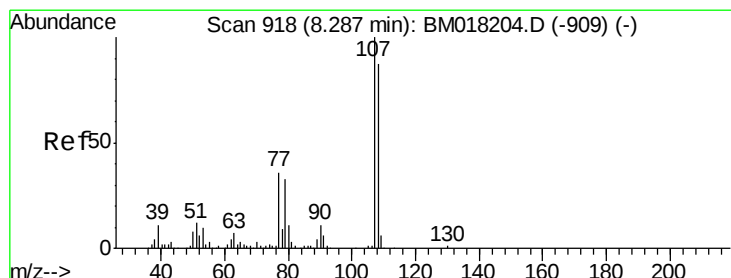
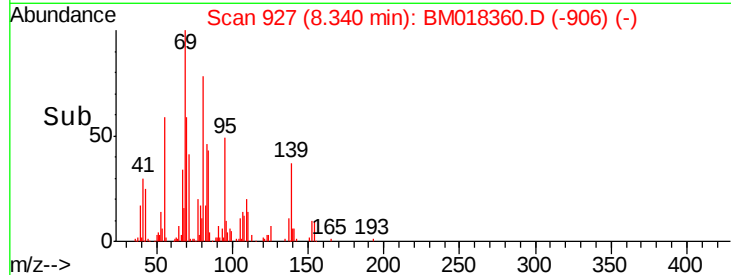
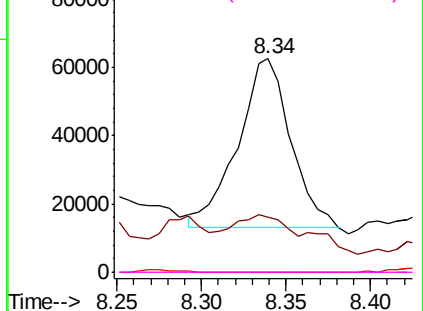
#19
n-Nitroso-di-n-propylamine
Concen: 13.326 ng
RT: 8.34 min Scan# 927
Delta R.T. 0.02 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

Tgt Ion: 70 Resp: 108274
Ion Ratio Lower Upper
70 100
42 25.5 36.2 54.2#
101 0.0 7.5 11.3#
130 0.0 16.4 24.6#

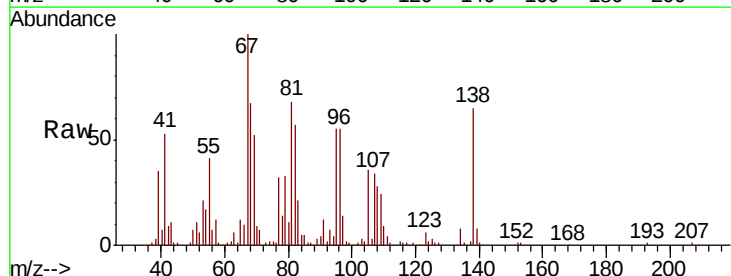


Abundance Ion 70.00 (69.70 to 70.70): BM018360.D (-906) (-)
Ion 42.00 (41.70 to 42.70): BM018360.D (-906) (-)
Ion 101.00 (100.70 to 101.70): BM018360.D (-906) (-)
Ion 130.00 (129.70 to 130.70): BM018360.D (-906) (-)

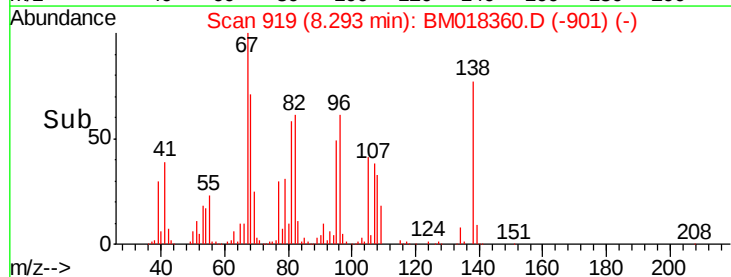
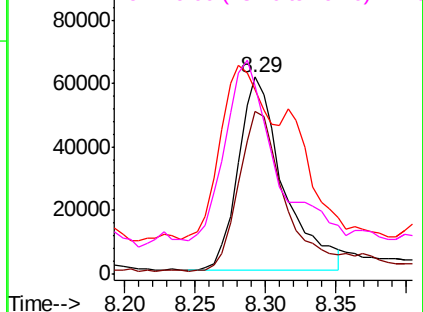


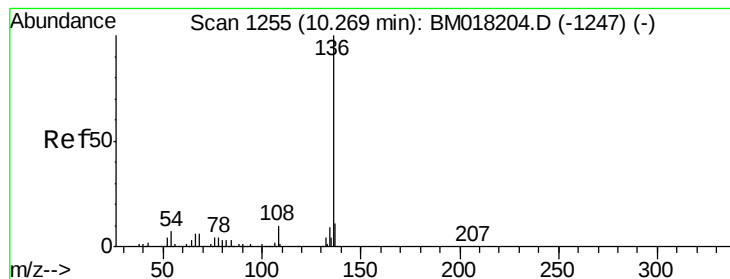
#20
3+4-Methylphenols
Concen: 12.715 ng
RT: 8.29 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion: 107 Resp: 137107
Ion Ratio Lower Upper
107 100
108 83.0 67.4 107.4
77 93.6 15.7 55.7#
79 95.9 13.3 53.3#



Abundance Ion 107.00 (106.70 to 107.70): BM018360.D (-901) (-)
Ion 108.00 (107.70 to 108.70): BM018360.D (-901) (-)
Ion 77.00 (76.70 to 77.70): BM018360.D (-901) (-)
Ion 79.00 (78.70 to 79.70): BM018360.D (-901) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

Tgt Ion:136 Resp: 591091

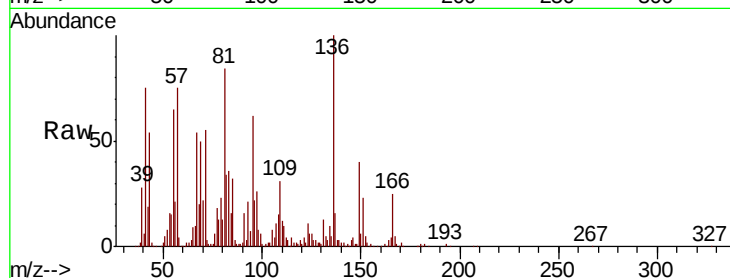
Ion Ratio Lower Upper

136 100

137 16.3 9.2 13.8#

54 15.5 5.2 7.8#

68 20.3 5.0 7.6#



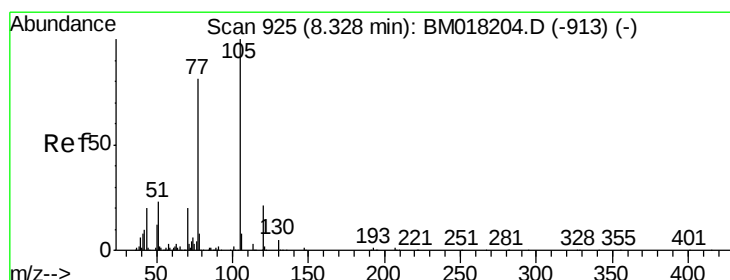
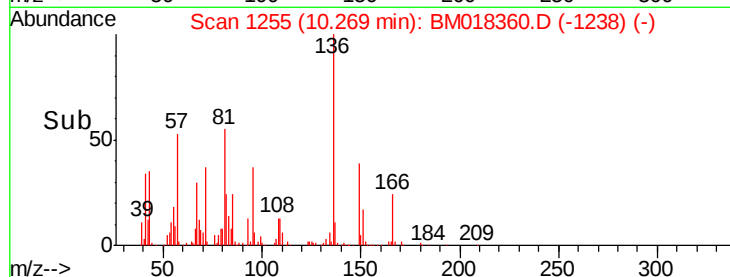
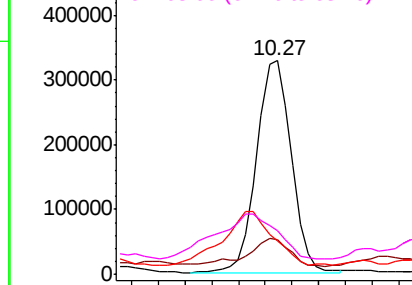
Abundance

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): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 2.807 ng

RT: 8.32 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Tgt Ion:105 Resp: 43909

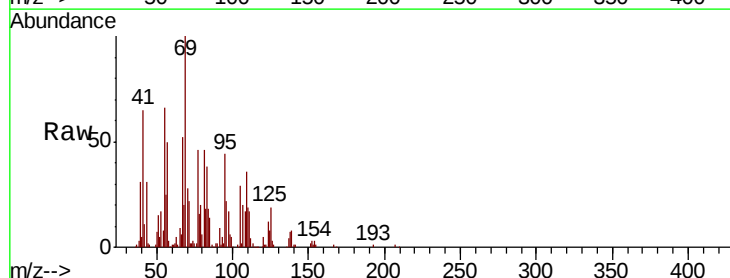
Ion Ratio Lower Upper

105 100

71 75.4 2.6 4.0#

51 50.9 18.3 27.5#

120 18.7 17.0 25.6



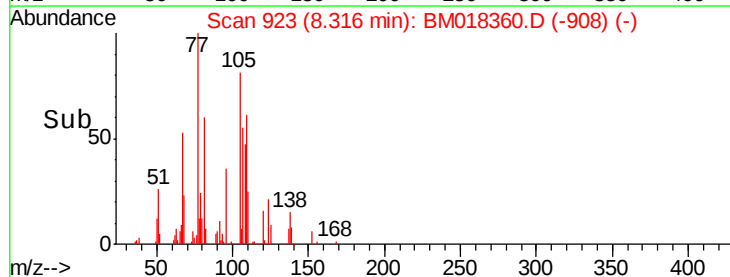
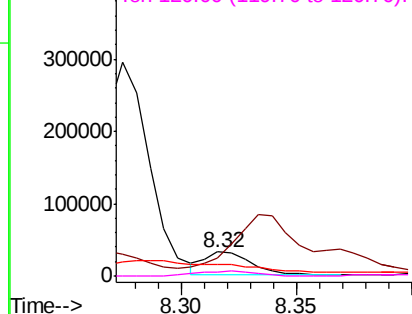
Abundance

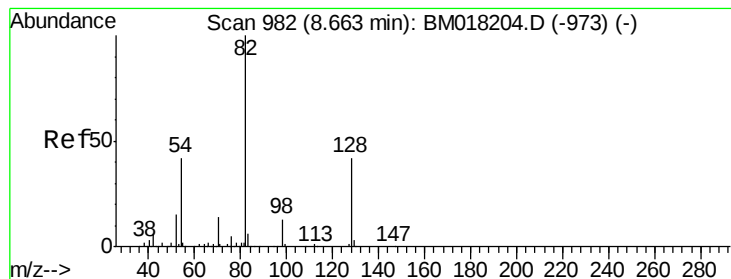
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 30.498 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

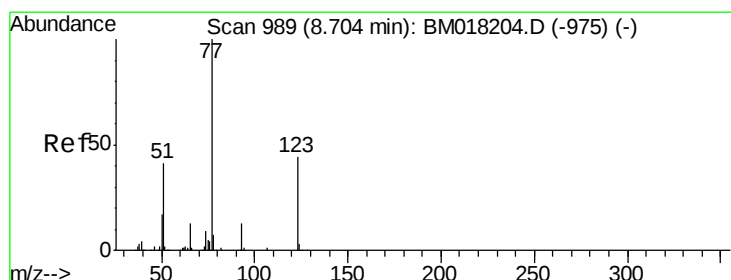
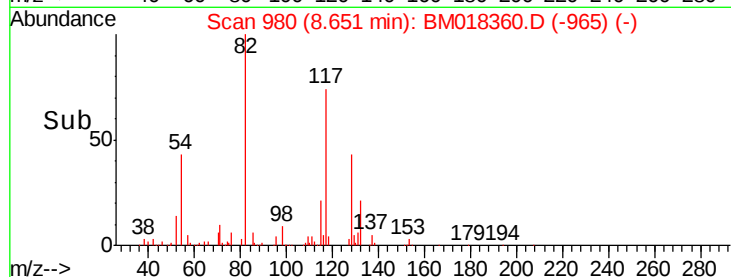
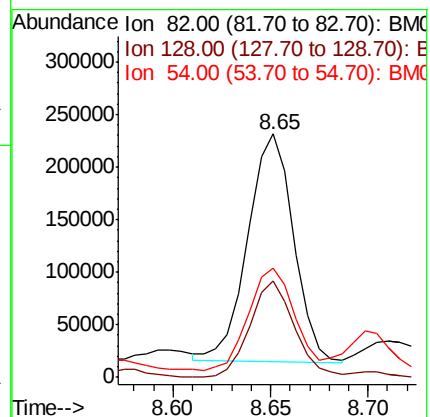
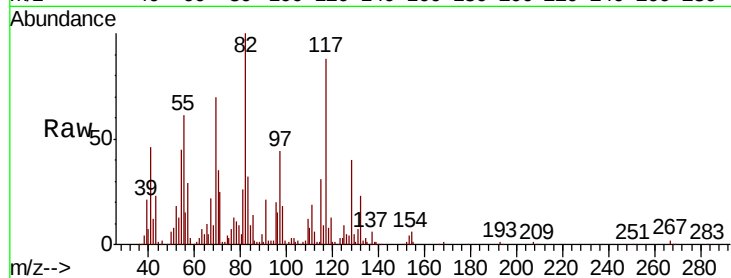
Tgt Ion: 82 Resp: 351454

Ion Ratio Lower Upper

82 100

128 39.8 33.4 50.2

54 45.1 33.4 50.2



#24

Nitrobenzene

Concen: 2.256 ng

RT: 8.70 min Scan# 988

Delta R.T. -0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

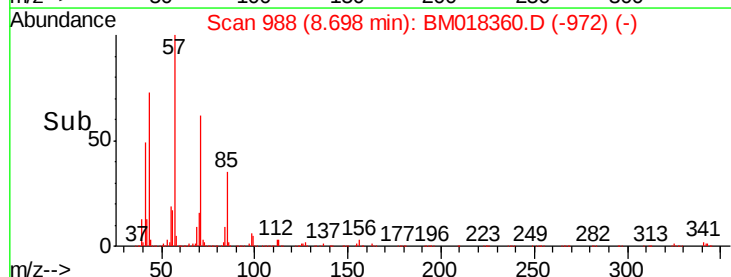
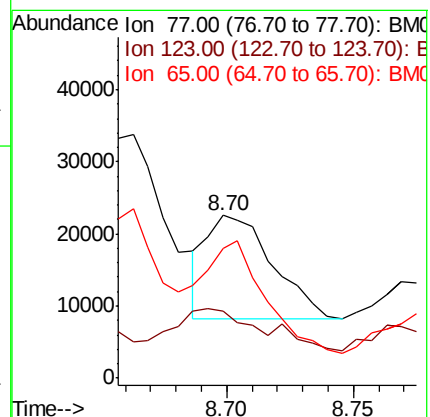
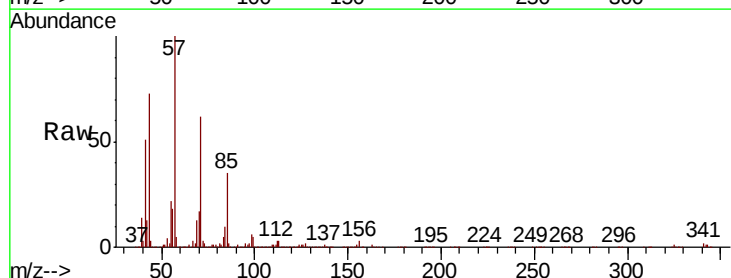
Tgt Ion: 77 Resp: 25978

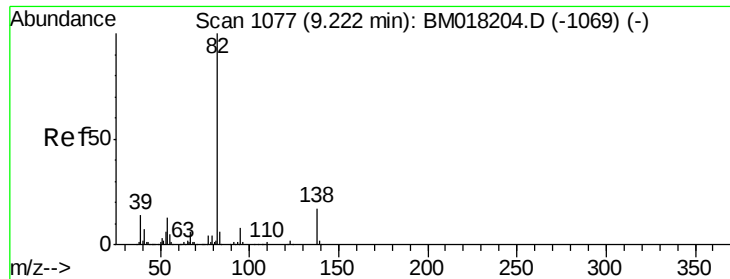
Ion Ratio Lower Upper

77 100

123 41.3 35.4 53.2

65 80.0 10.6 15.8#





#25

Isophorone

Concen: 9.979 ng

RT: 9.17 min Scan# 1069

Delta R.T. -0.05 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

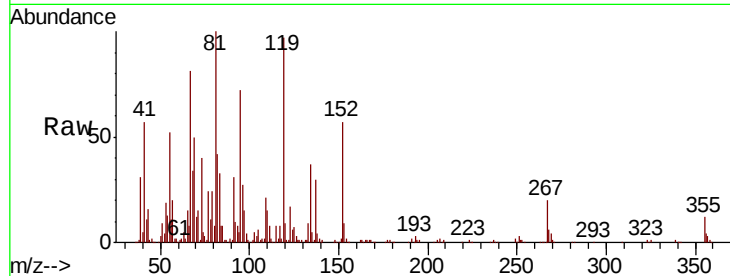
Tgt Ion: 82 Resp: 191459

Ion Ratio Lower Upper

82 100

95 173.1 6.4 9.6#

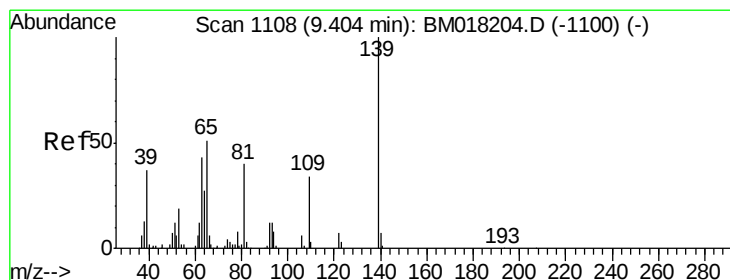
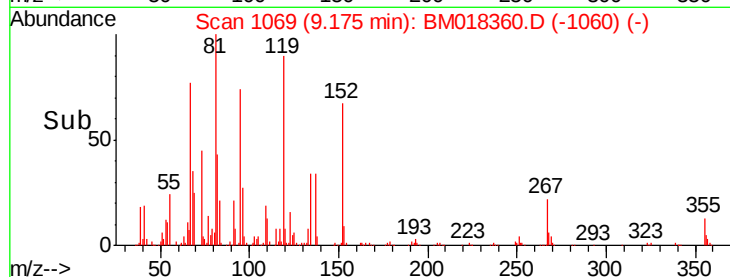
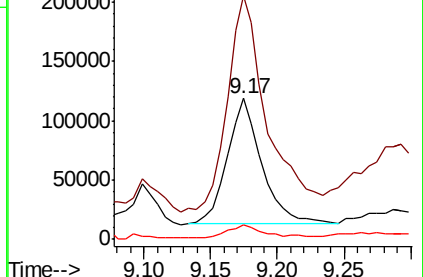
138 10.3 13.9 20.9#



Abundance Ion 82.00 (81.70 to 82.70): BM018360.D (-1069) (-)

Ion 95.00 (94.70 to 95.70): BM018360.D (-1069) (-)

Ion 138.00 (137.70 to 138.70): BM018360.D (-1069) (-)



#26

2-Nitrophenol

Concen: 3.673 ng

RT: 9.39 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

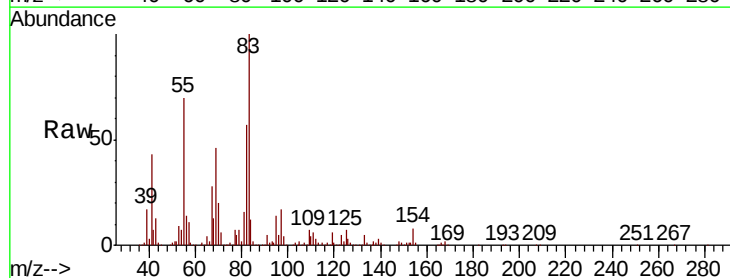
Tgt Ion: 139 Resp: 20742

Ion Ratio Lower Upper

139 100

109 193.7 27.4 41.0#

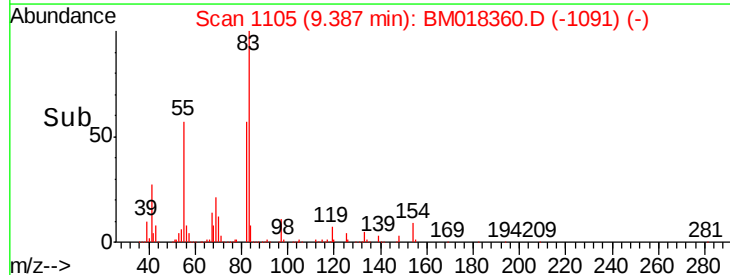
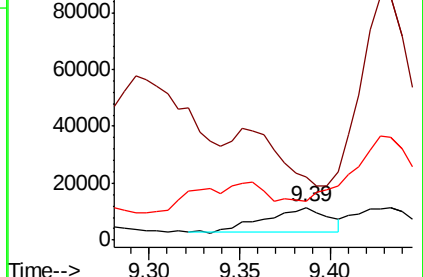
65 120.9 41.0 61.4#

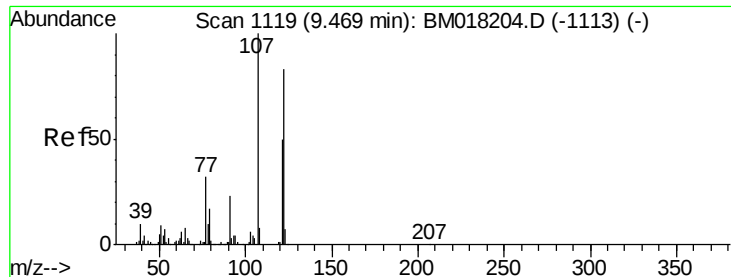


Abundance Ion 139.00 (138.70 to 139.70): BM018360.D (-1091) (-)

Ion 109.00 (108.70 to 109.70): BM018360.D (-1091) (-)

Ion 65.00 (64.70 to 65.70): BM018360.D (-1091) (-)

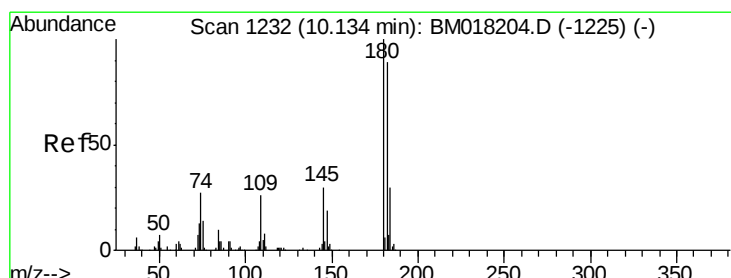
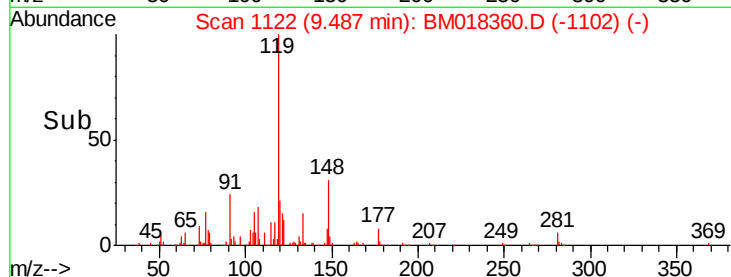
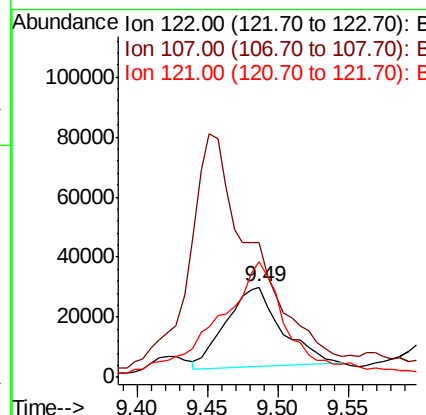
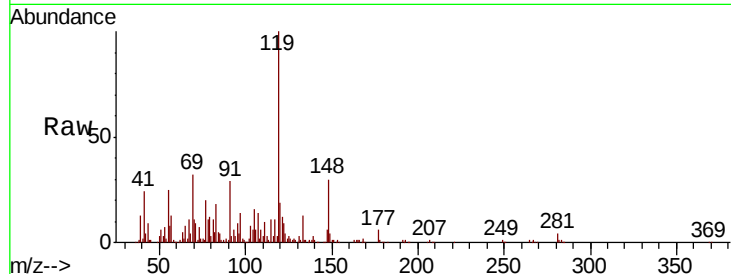




#27
2,4-Dimethylphenol
Concen: 8.973 ng
RT: 9.49 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

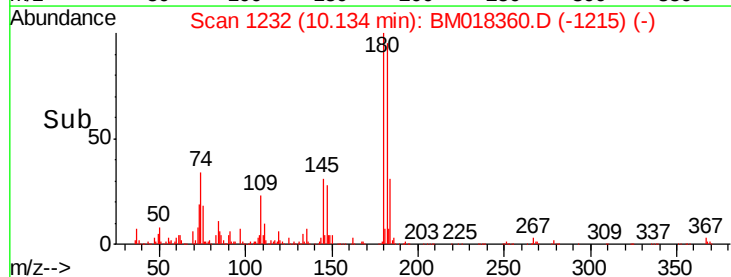
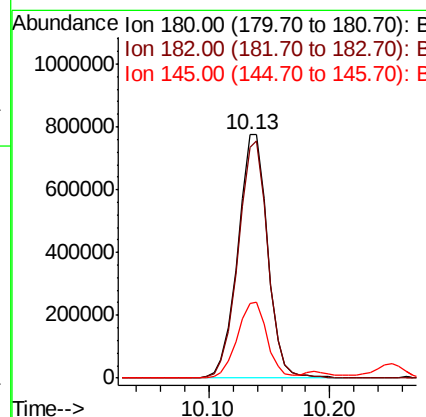
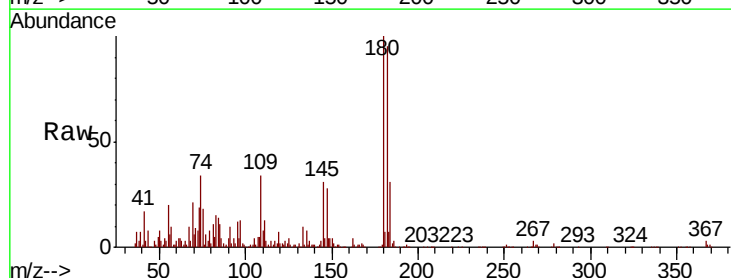
Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

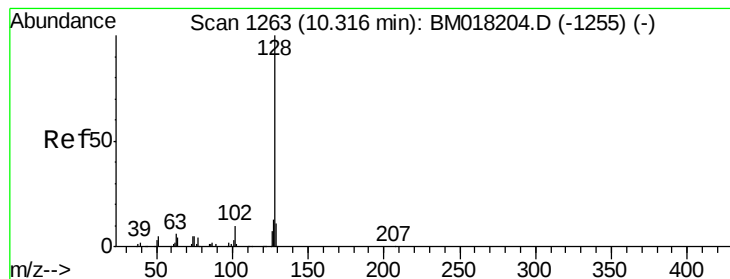
Tgt Ion:122 Resp: 73034
Ion Ratio Lower Upper
122 100
107 148.9 96.5 144.7#
121 127.4 48.2 72.4#



#30
1,2,4-Trichlorobenzene
Concen: 129.649 ng
RT: 10.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion:180 Resp: 1330835
Ion Ratio Lower Upper
180 100
182 94.7 71.4 107.2
145 30.8 24.4 36.6





#31

Naphthalene

Concen: 102.950 ng

RT: 10.32 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

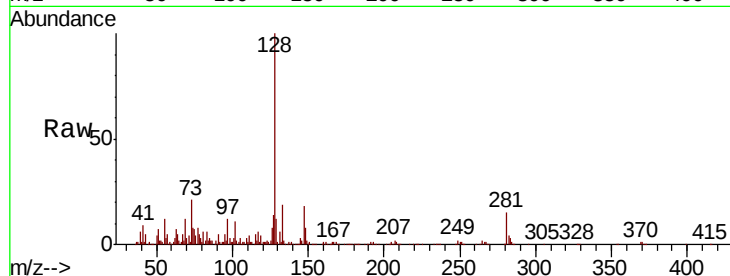
Tgt Ion:128 Resp: 2975543

Ion Ratio Lower Upper

128 100

129 12.0 8.9 13.3

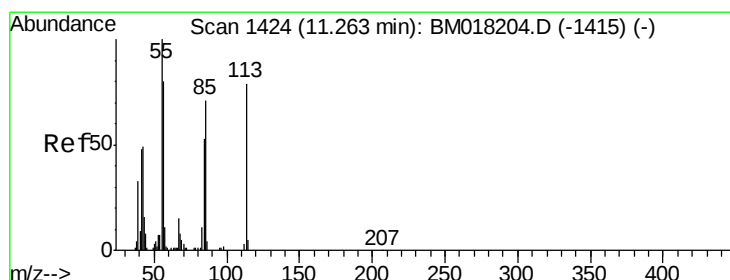
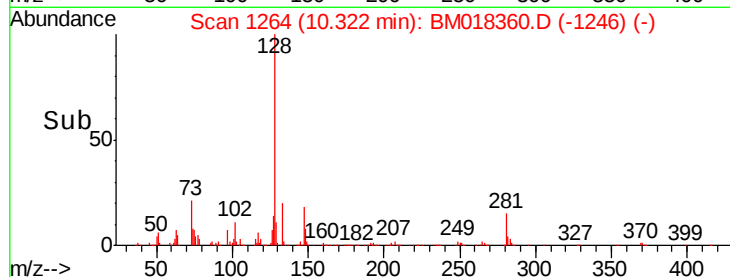
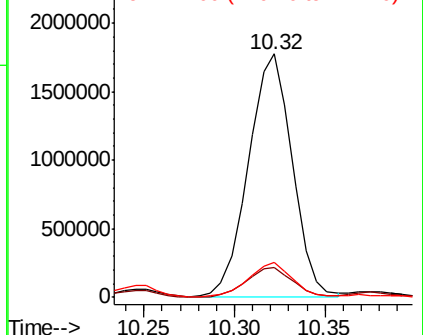
127 14.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#35

Caprolactam

Concen: 123.226 ng

RT: 11.29 min Scan# 1429

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

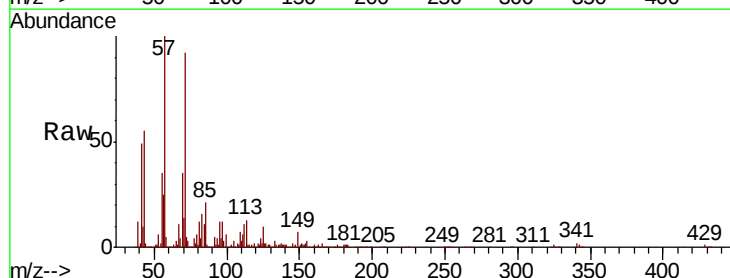
Tgt Ion:113 Resp: 423736

Ion Ratio Lower Upper

113 100

55 272.7 105.9 145.9#

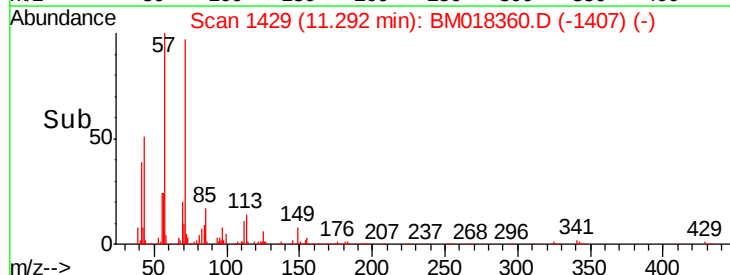
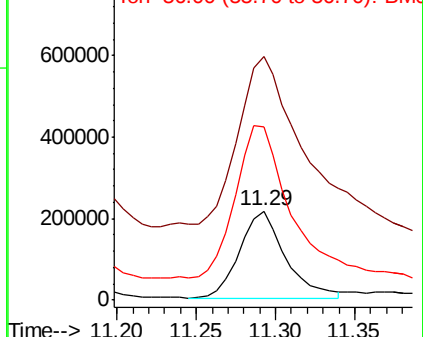
56 194.7 80.1 120.1#

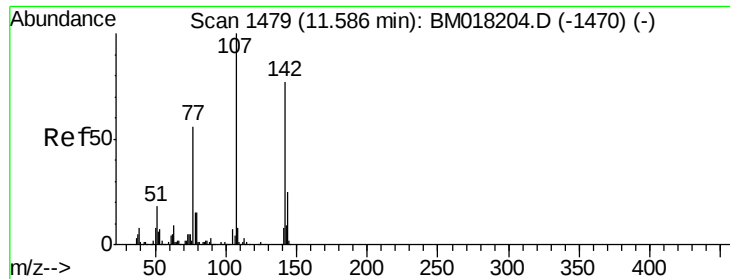


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM

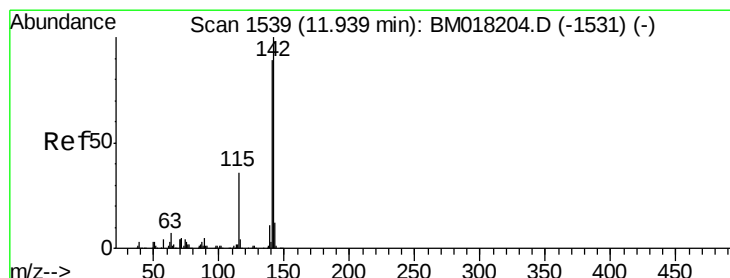
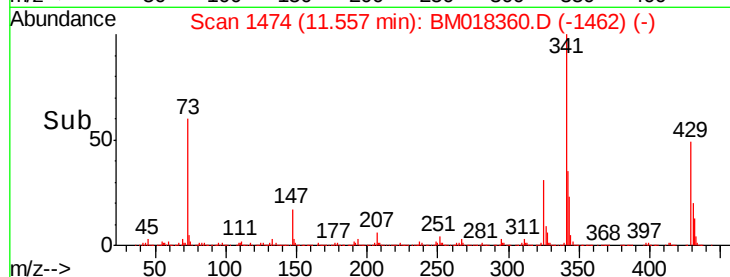
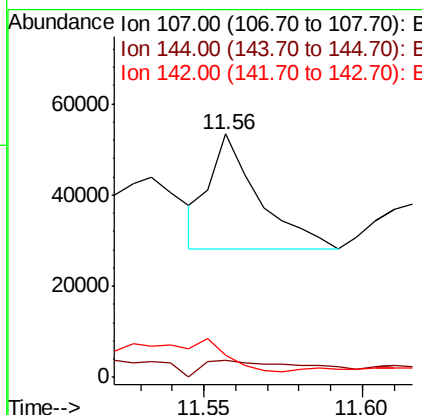
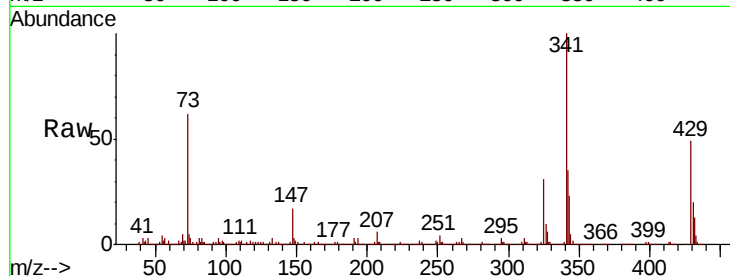




#36
 4-Chloro-3-methylphenol
 Concen: 2.475 ng
 RT: 11.56 min Scan# 1474
 Delta R.T. -0.03 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

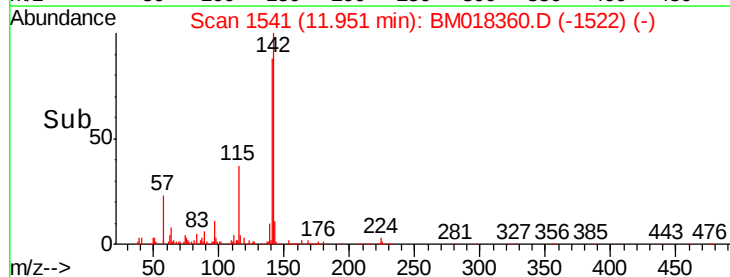
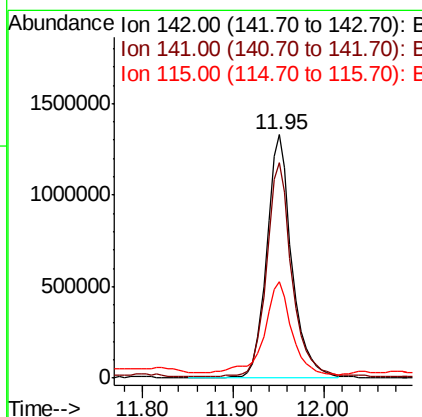
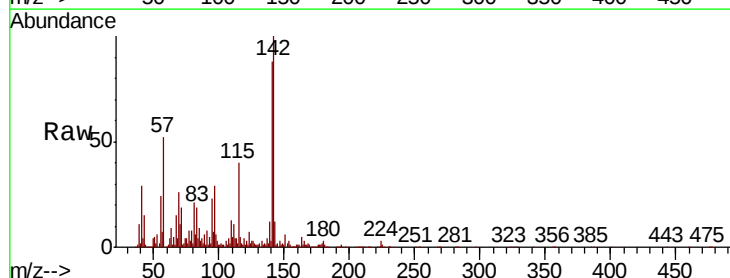
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1824-01

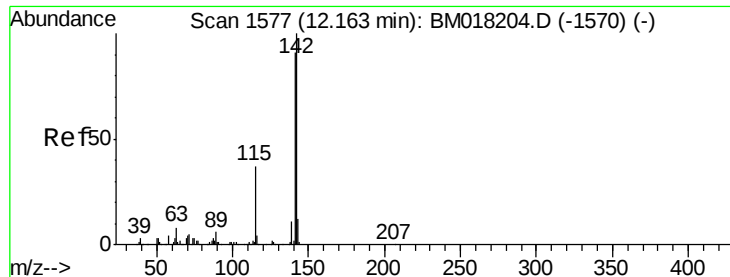
Tgt Ion:107 Resp: 26835
 Ion Ratio Lower Upper
 107 100
 144 7.0 20.1 30.1#
 142 9.4 61.7 92.5#



#37
 2-Methylnaphthalene
 Concen: 124.906 ng
 RT: 11.95 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

Tgt Ion:142 Resp: 2545934
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.4 107.2
 115 39.8 29.0 43.6





#38

1-Methylnaphthalene

Concen: 77.727 ng

RT: 12.17 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

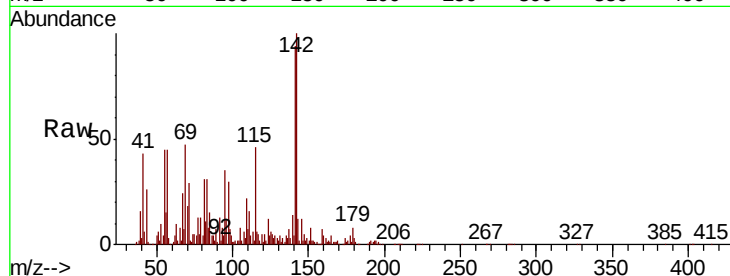
Tgt Ion:142 Resp: 1545943

Ion Ratio Lower Upper

142 100

141 94.1 73.0 109.4

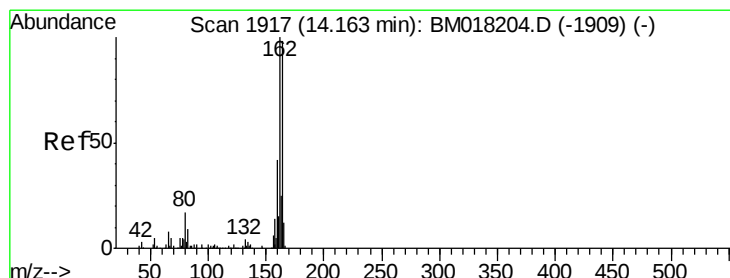
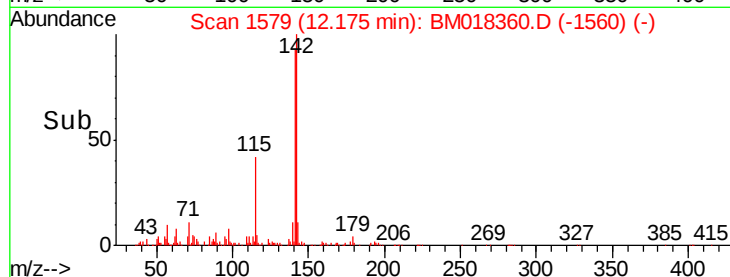
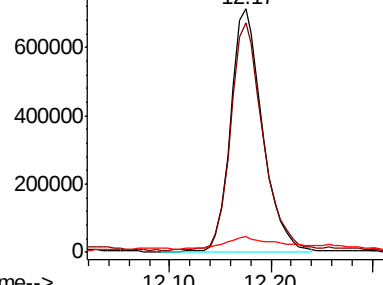
116 6.3 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

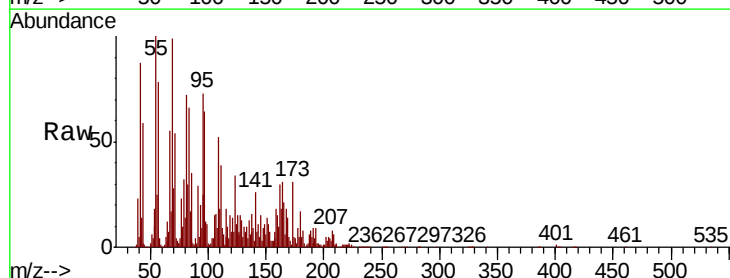
Tgt Ion:164 Resp: 345283

Ion Ratio Lower Upper

164 100

162 98.6 81.8 122.6

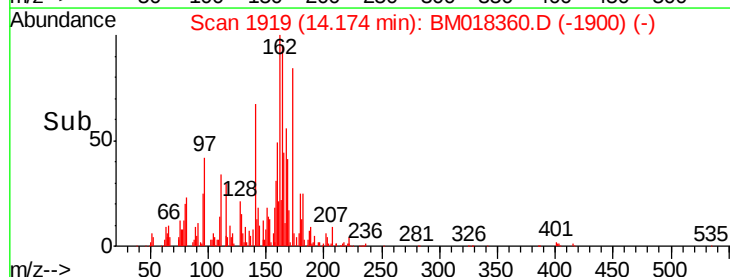
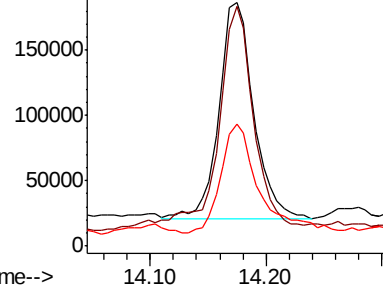
160 50.2 34.6 51.8

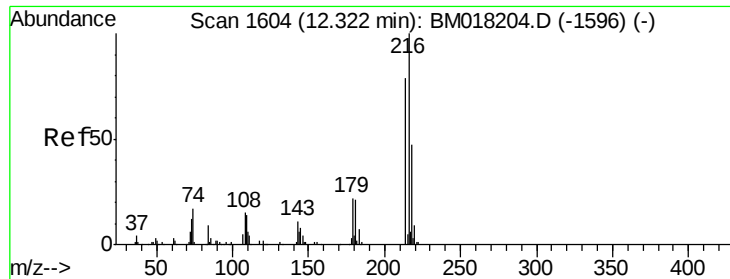


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.636 ng

RT: 12.33 min Scan# 1605

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

Tgt Ion:216 Resp: 434996

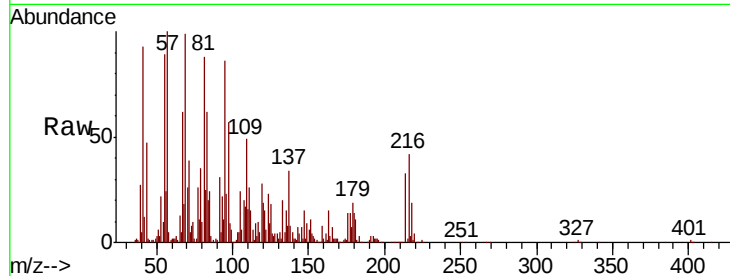
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 37.3 17.2 25.8#

108 21.7 14.6 21.8



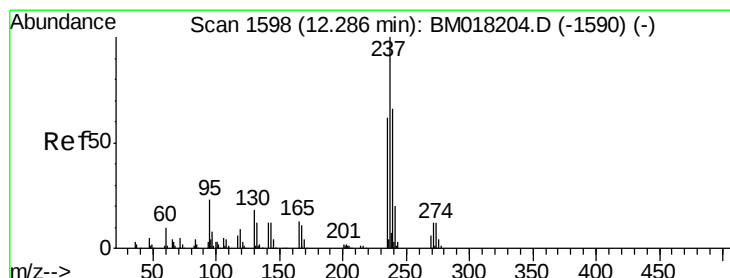
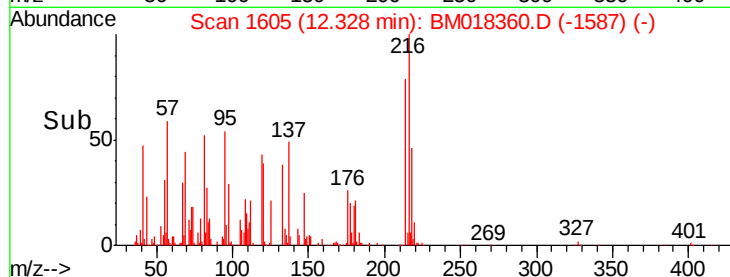
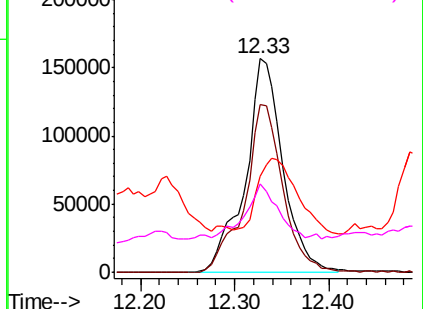
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 8.284 ng

RT: 12.37 min Scan# 1612

Delta R.T. 0.08 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

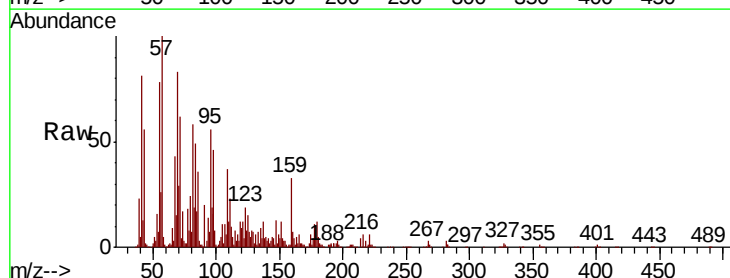
Tgt Ion:237 Resp: 1124

Ion Ratio Lower Upper

237 100

235 54.0 42.1 82.1

272 0.0 0.0 32.1

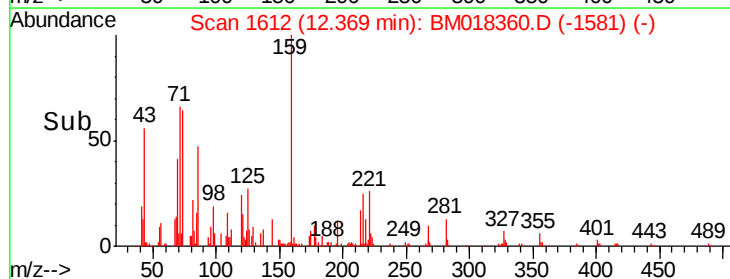
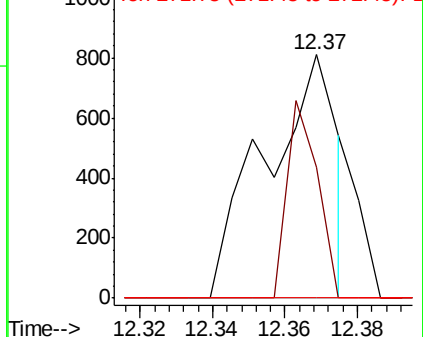


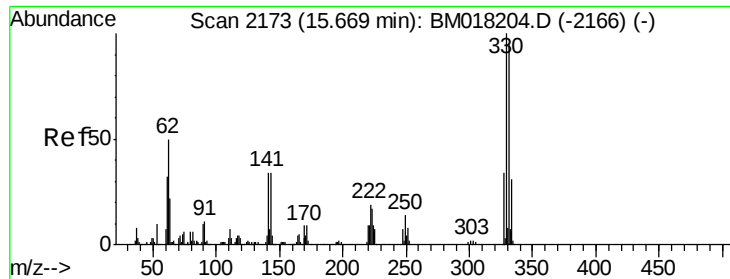
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

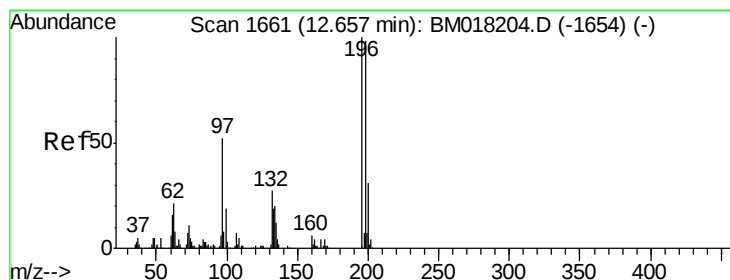
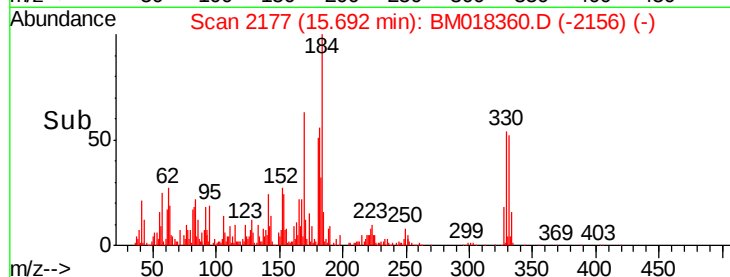
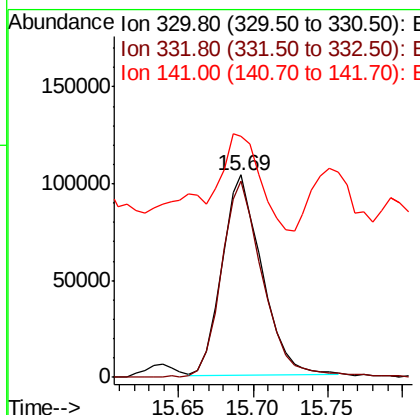
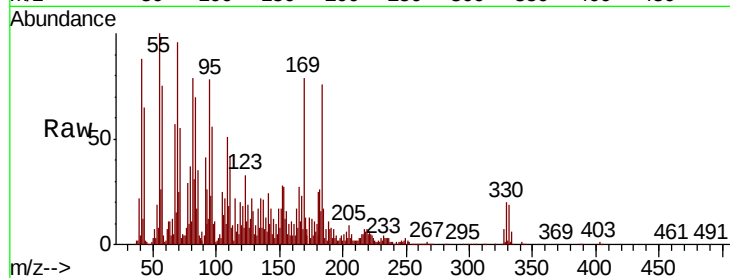




#42
 2,4,6-Tribromophenol
 Concen: 38.090 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. 0.02 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

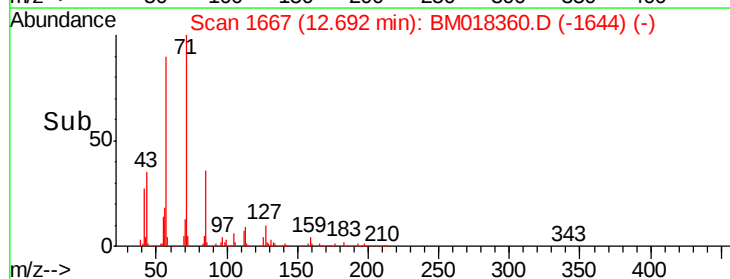
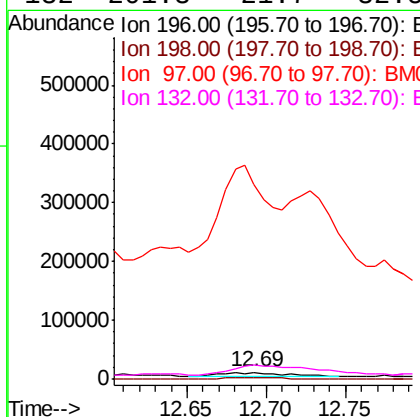
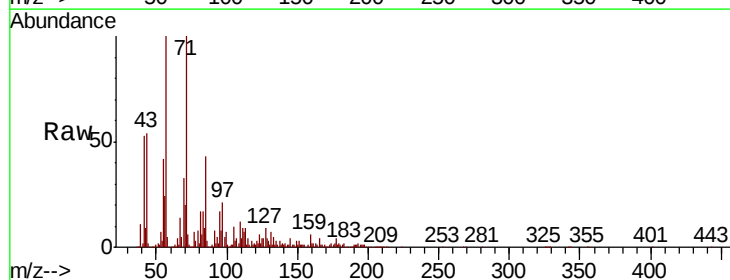
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1824-01

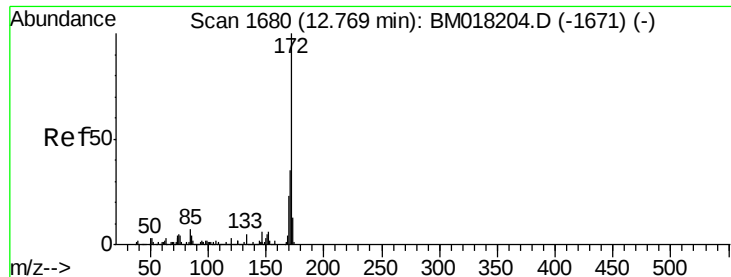
Tgt Ion:330 Resp: 193031
 Ion Ratio Lower Upper
 330 100
 332 100.5 78.6 118.0
 141 45.7 27.1 40.7#



#44
 2,4,5-Trichlorophenol
 Concen: 2.314 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. 0.04 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

Tgt Ion:196 Resp: 18758
 Ion Ratio Lower Upper
 196 100
 198 17.0 78.5 117.7#
 97 2891.0 41.9 62.9#
 132 201.3 21.7 32.5#

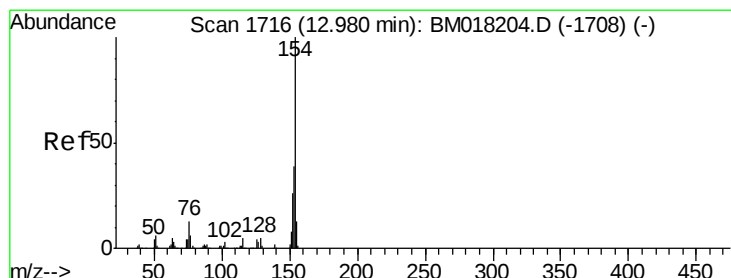
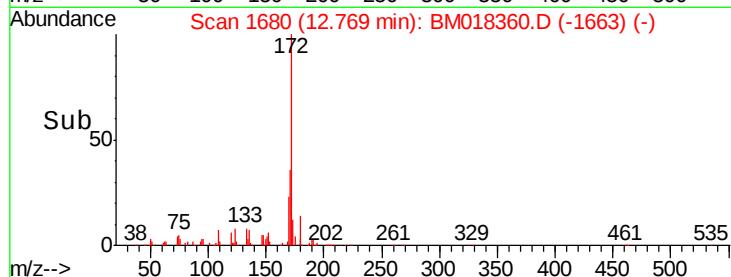
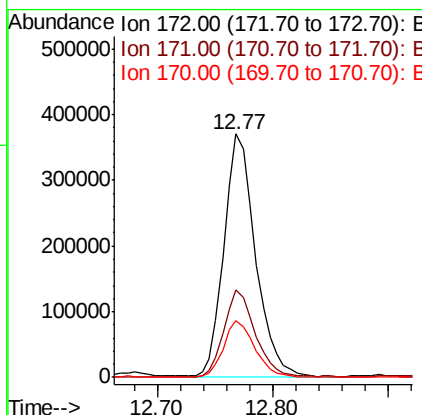
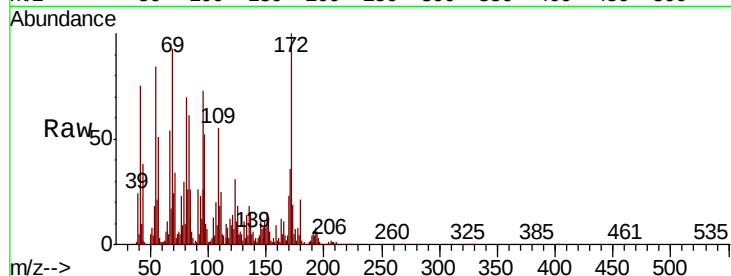




#45
2-Fluorobiphenyl
Concen: 26.321 ng
RT: 12.77 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

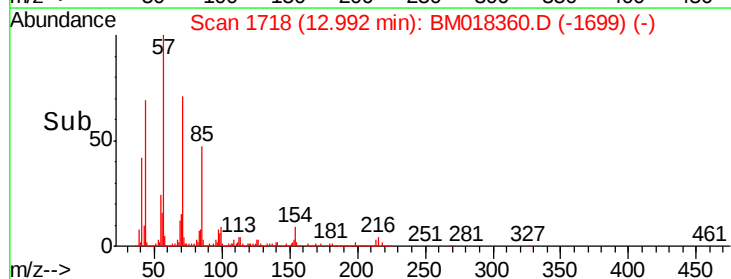
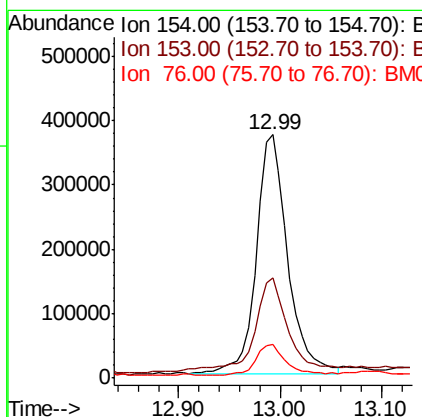
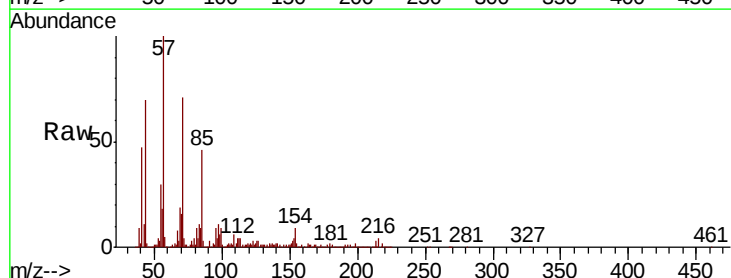
Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

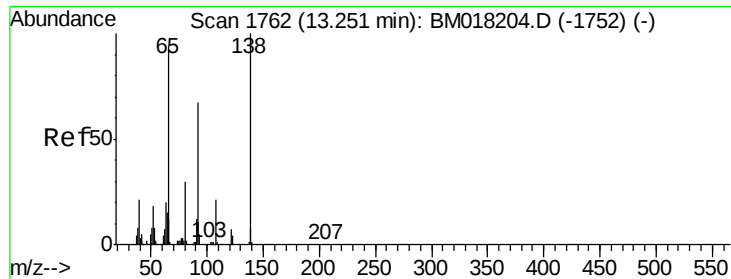
Tgt Ion:172 Resp: 701652
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.1 27.1



#46
1,1'-Biphenyl
Concen: 25.632 ng
RT: 12.99 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion:154 Resp: 796210
Ion Ratio Lower Upper
154 100
153 41.3 19.5 59.5
76 13.9 0.0 33.1





#48

2-Nitroaniline

Concen: 2.558 ng

RT: 13.26 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

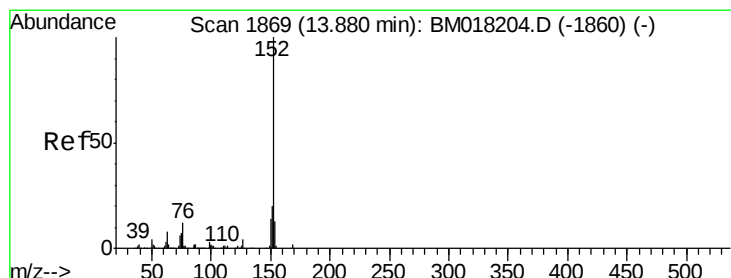
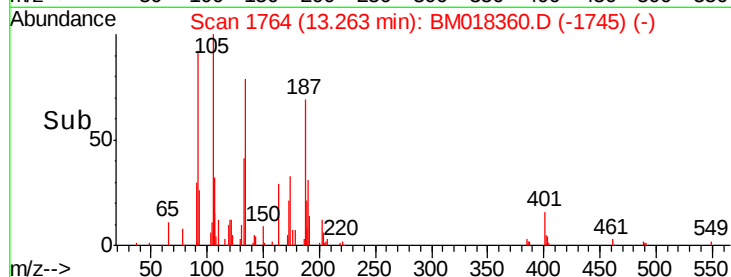
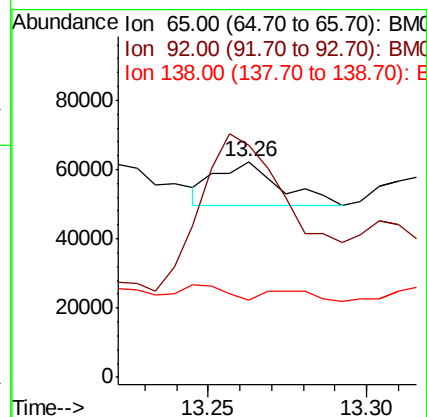
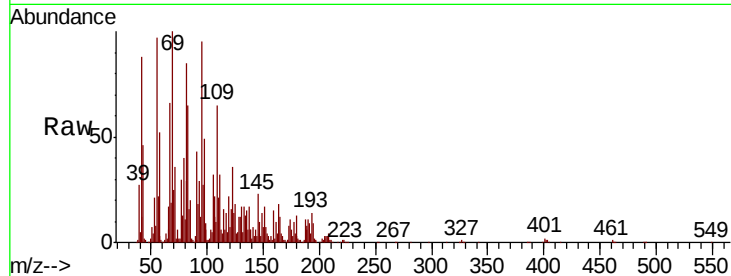
Tgt Ion: 65 Resp: 18016

Ion Ratio Lower Upper

65 100

92 107.9 56.8 85.2#

138 36.1 85.1 127.7#



#49

Acenaphthylene

Concen: 8.973 ng

RT: 13.89 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

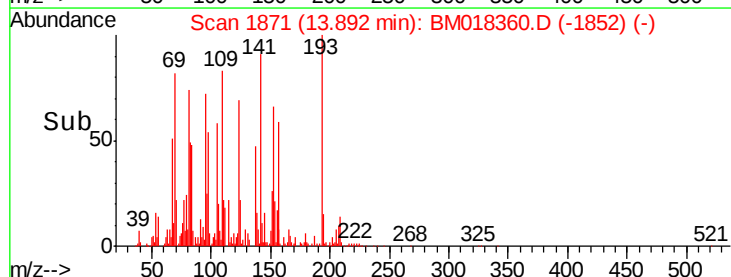
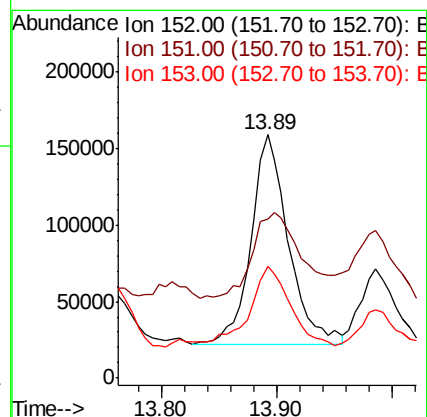
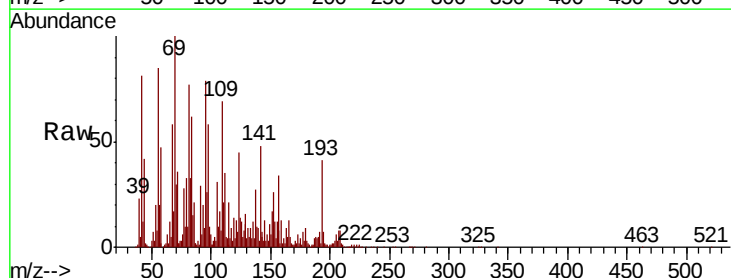
Tgt Ion: 152 Resp: 309157

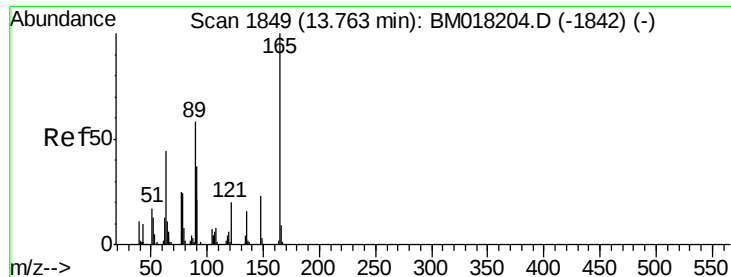
Ion Ratio Lower Upper

152 100

151 65.1 16.0 24.0#

153 45.8 10.2 15.2#

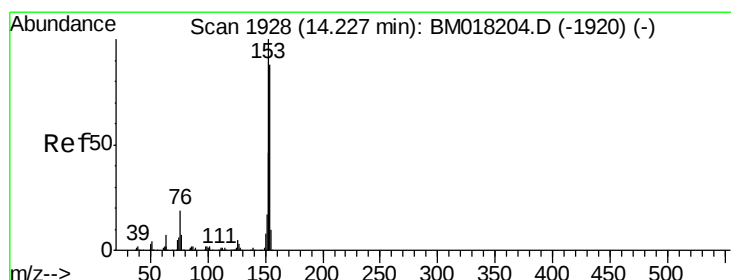
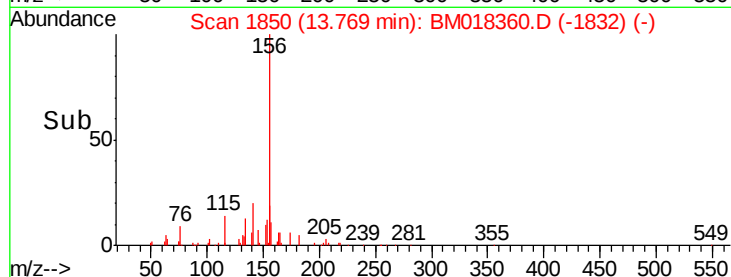
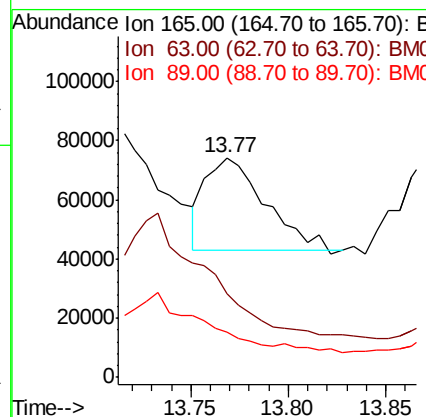
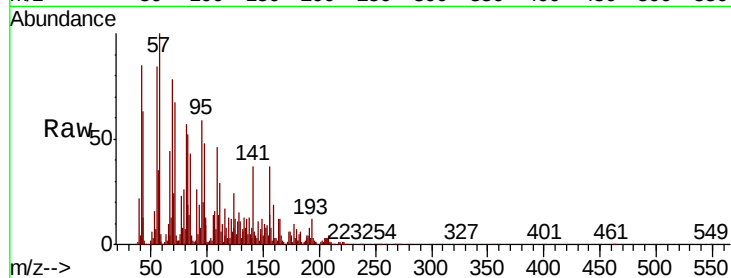




#51
2,6-Dinitrotoluene
Concen: 10.416 ng
RT: 13.77 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

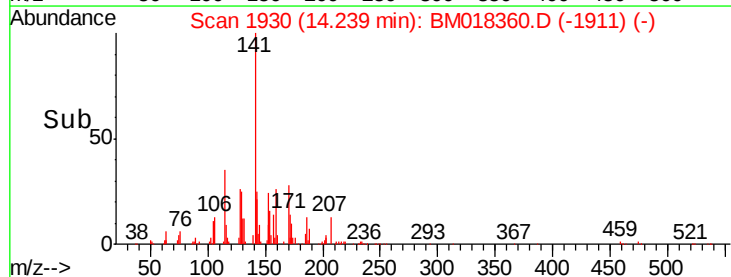
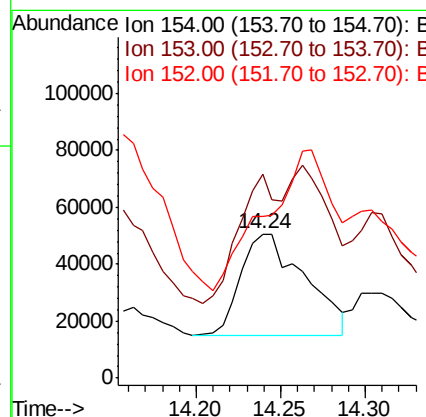
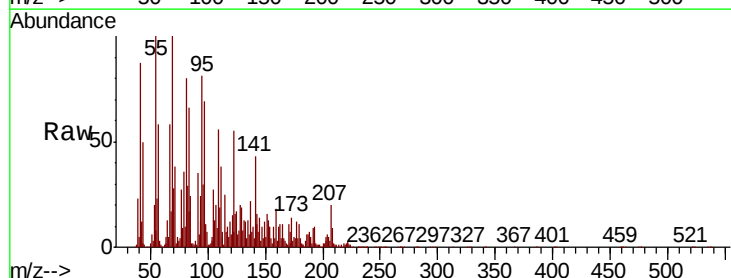
Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

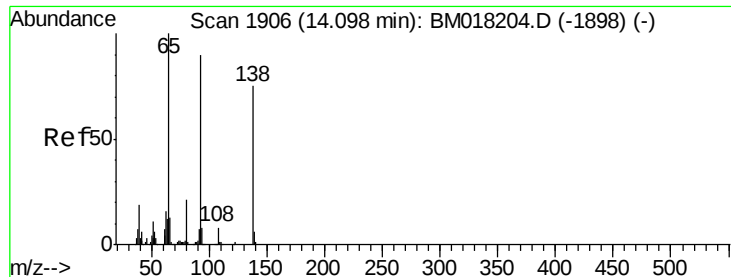
Tgt Ion:165 Resp: 65731
Ion Ratio Lower Upper
165 100
63 38.3 46.6 69.8#
89 20.4 46.3 69.5#



#52
Acenaphthene
Concen: 4.492 ng
RT: 14.24 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion:154 Resp: 94578
Ion Ratio Lower Upper
154 100
153 141.1 90.4 135.6#
152 112.1 41.2 61.8#





#53

3-Nitroaniline

Concen: 10.064 ng

RT: 14.12 min Scan# 1910

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

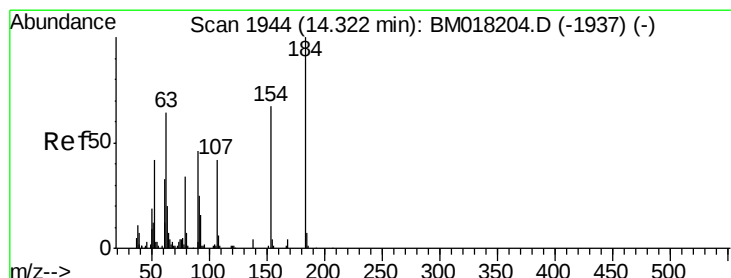
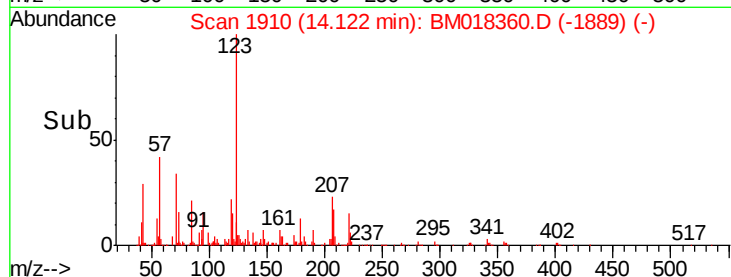
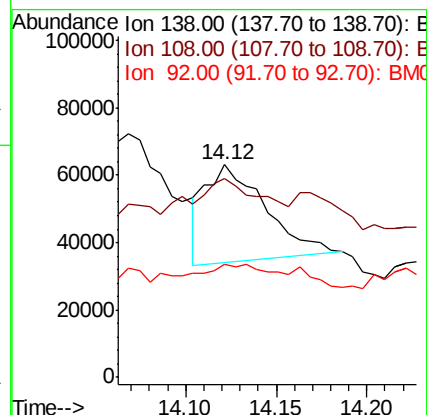
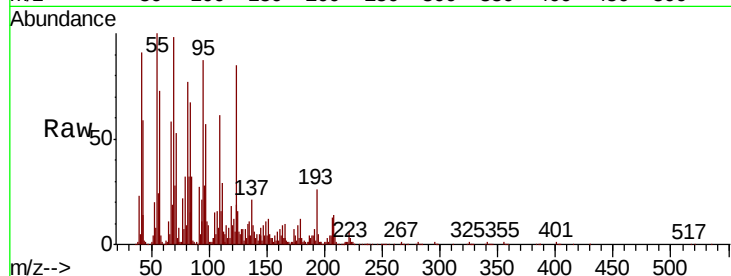
Tgt Ion:138 Resp: 66831

Ion Ratio Lower Upper

138 100

108 93.5 8.4 12.6#

92 53.1 94.9 142.3#



#54

2,4-Dinitrophenol

Concen: 4.117 ng

RT: 14.33 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

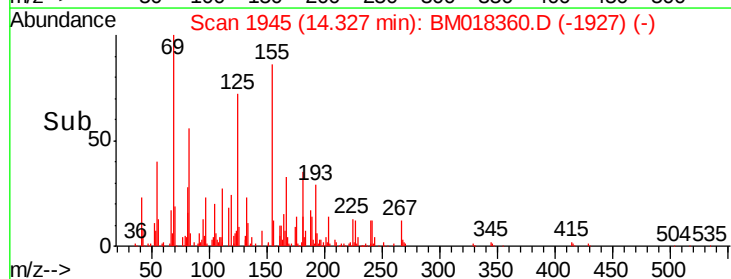
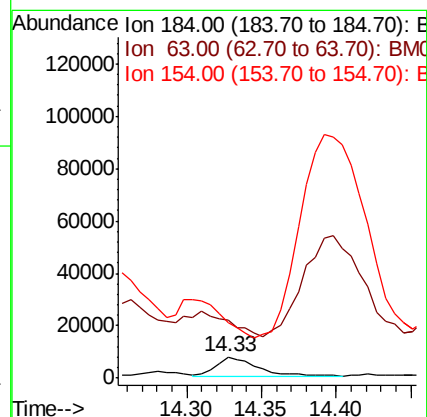
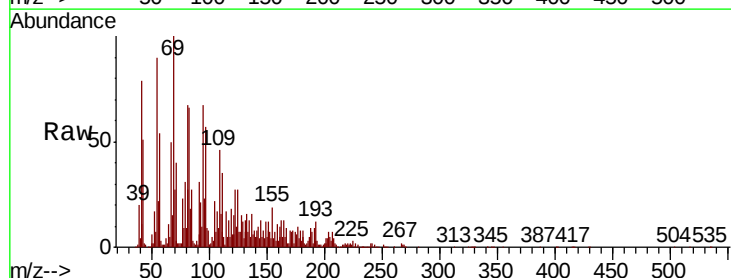
Tgt Ion:184 Resp: 14333

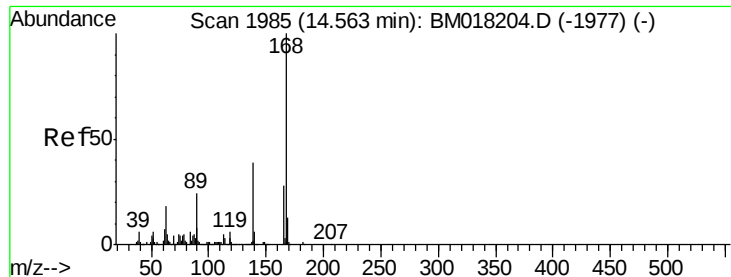
Ion Ratio Lower Upper

184 100

63 274.4 51.6 77.4#

154 263.9 54.0 81.0#





#55

Dibenzofuran

Concen: 7.513 ng

RT: 14.58 min Scan# 1988

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

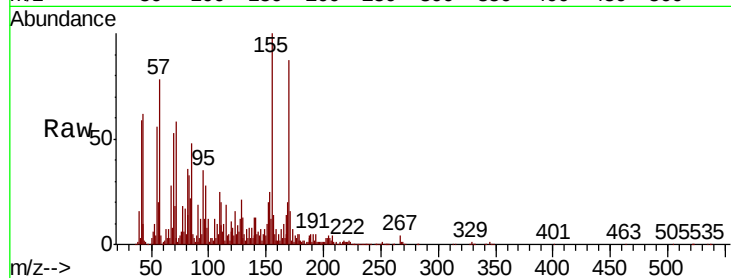
Tgt Ion:168 Resp: 254176

Ion Ratio Lower Upper

168 100

139 93.5 31.2 46.8#

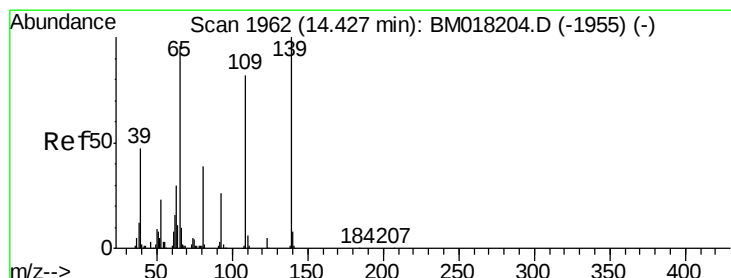
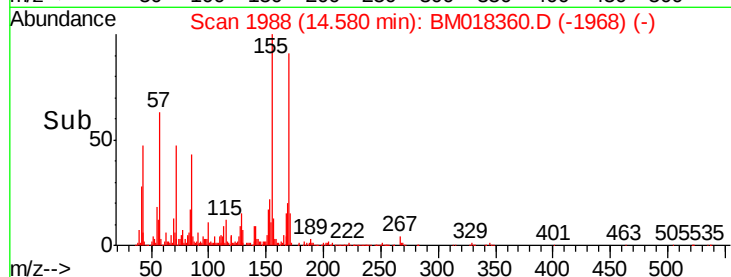
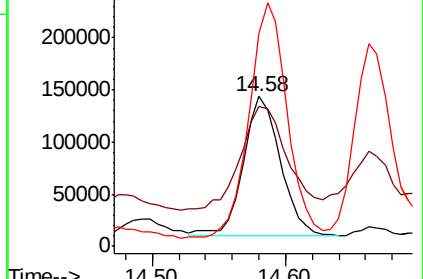
169 142.0 10.4 15.6#



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: 5.069 ng

RT: 14.47 min Scan# 1970

Delta R.T. 0.05 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

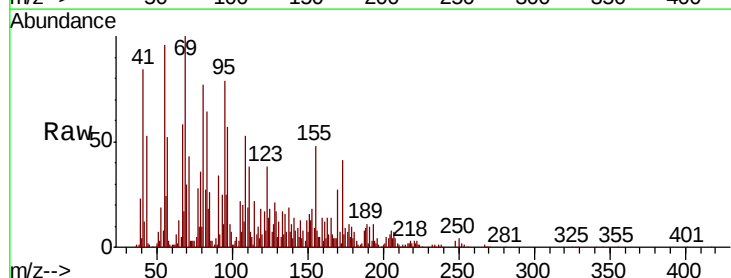
Tgt Ion:139 Resp: 25521

Ion Ratio Lower Upper

139 100

109 479.7 62.3 102.3#

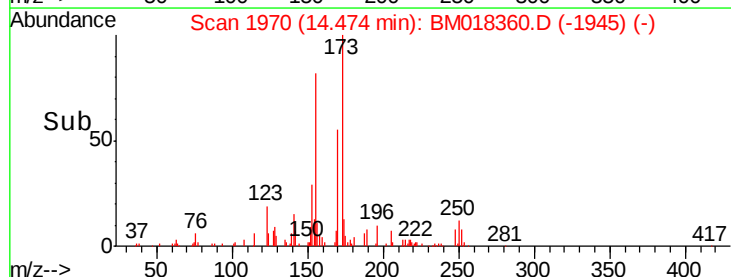
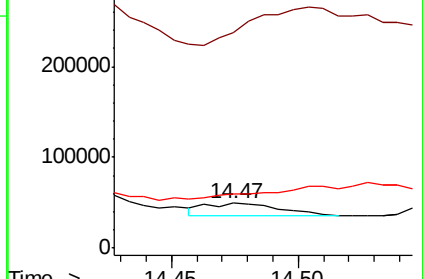
65 119.8 76.4 116.4#

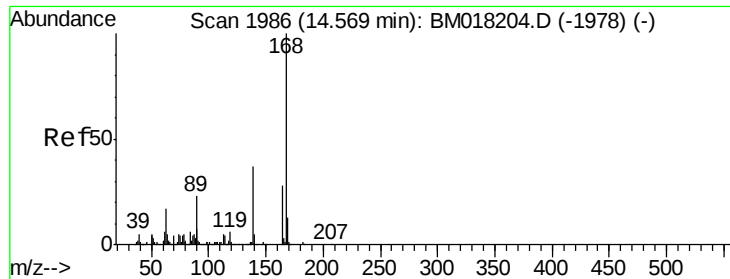


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

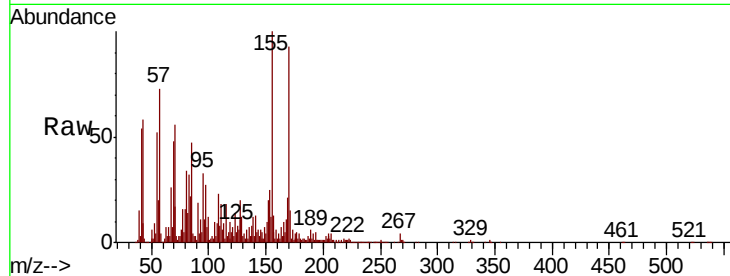




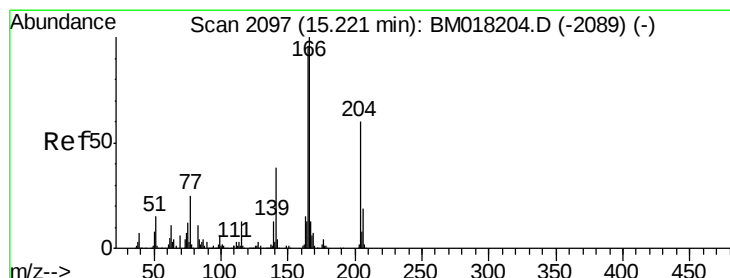
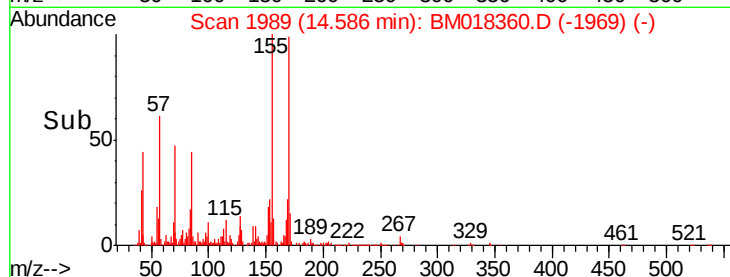
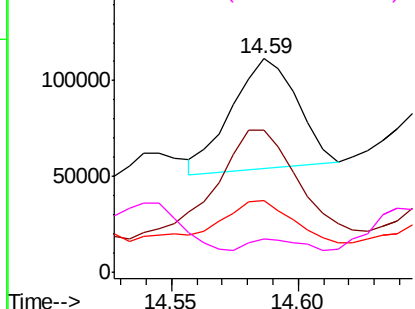
#57
 2,4-Dinitrotoluene
 Concen: 11.925 ng
 RT: 14.59 min Scan# 1989
 Delta R.T. 0.02 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013-1824-01

Tgt Ion:165 Resp: 104016
 Ion Ratio Lower Upper
 165 100
 63 66.5 47.2 70.8
 89 33.6 65.8 98.8#
 182 15.4 2.2 3.4#

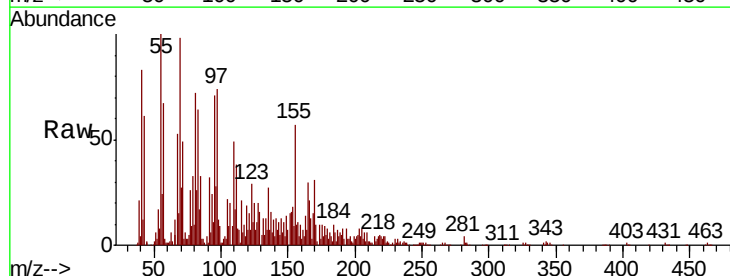


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

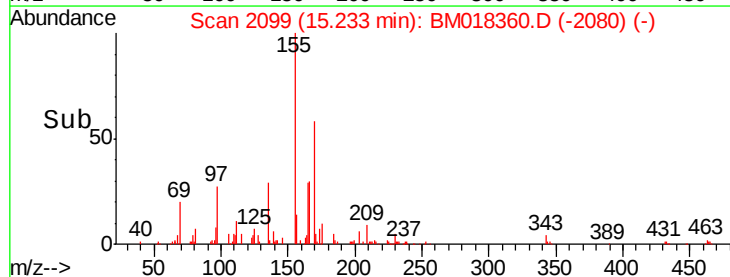
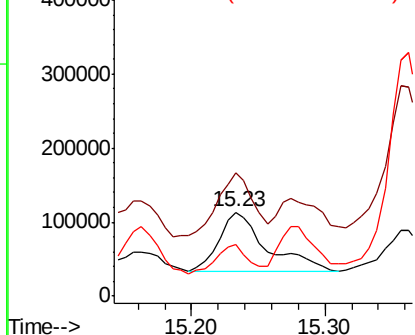


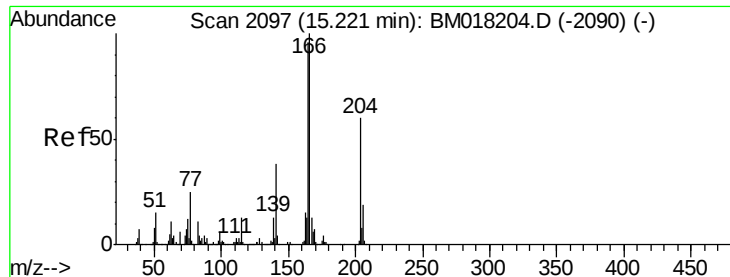
#58
 Fluorene
 Concen: 7.649 ng
 RT: 15.23 min Scan# 2099
 Delta R.T. 0.01 min
 Lab File: BM018360.D
 Acq: 21 Dec 2018 14:58

Tgt Ion:166 Resp: 199865
 Ion Ratio Lower Upper
 166 100
 165 146.8 76.9 115.3#
 167 61.4 10.5 15.7#



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

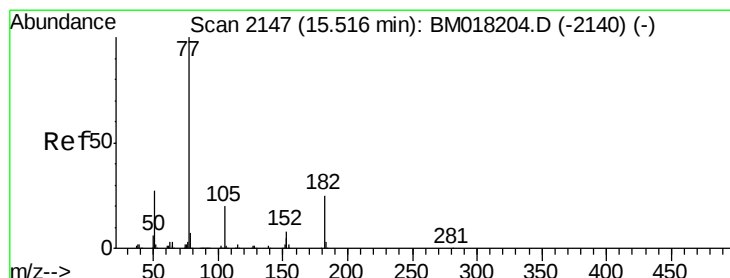
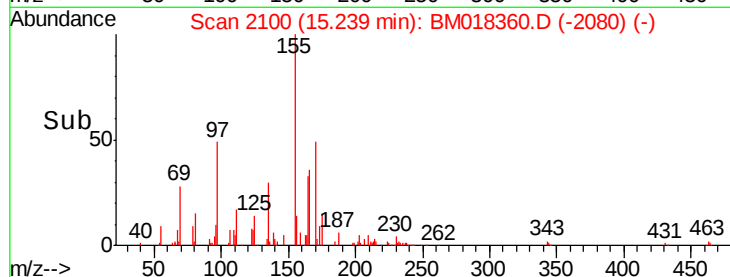
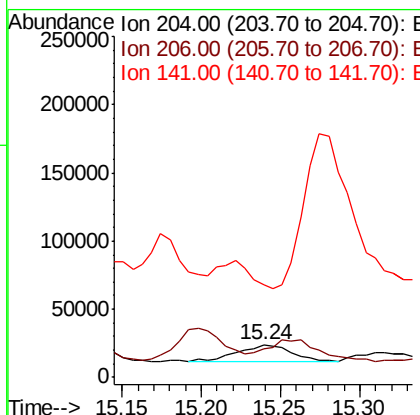
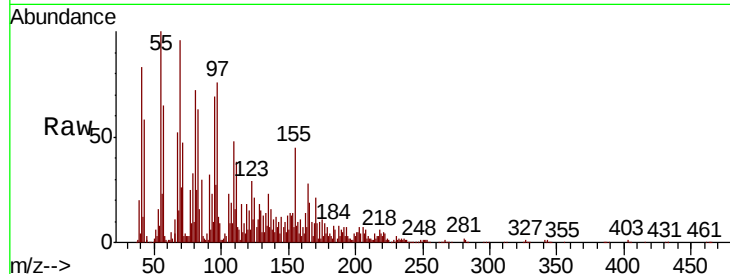




#61
4-Chlorophenyl-phenylether
Concen: 2.071 ng
RT: 15.24 min Scan# 2100
Delta R.T. 0.02 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

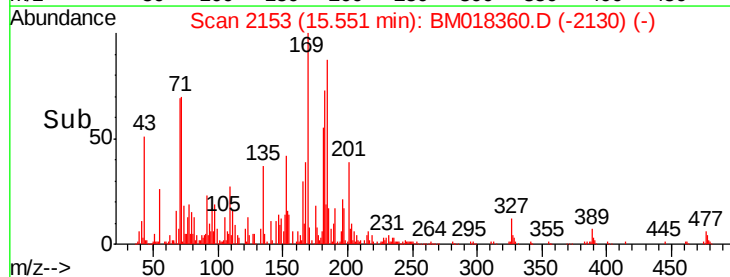
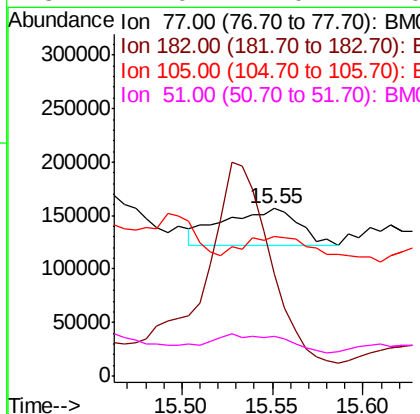
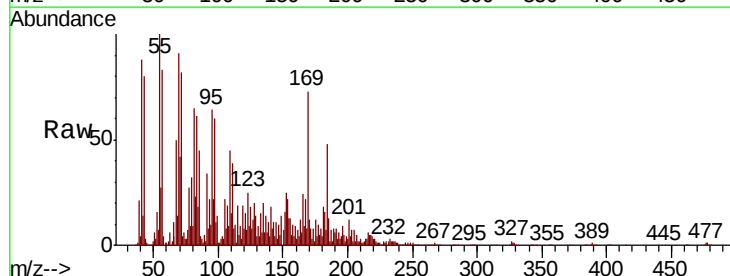
Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

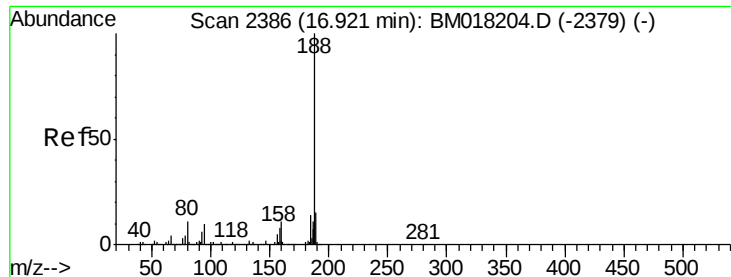
Tgt Ion: 204 Resp: 30607
Ion Ratio Lower Upper
204 100
206 88.3 25.8 38.6#
141 286.1 50.2 75.4#



#63
Azobenzene
Concen: 3.615 ng
RT: 15.55 min Scan# 2153
Delta R.T. 0.04 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion: 77 Resp: 102120
Ion Ratio Lower Upper
77 100
182 60.9 4.6 44.6#
105 83.6 0.2 40.2#
51 24.0 7.0 47.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2390

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

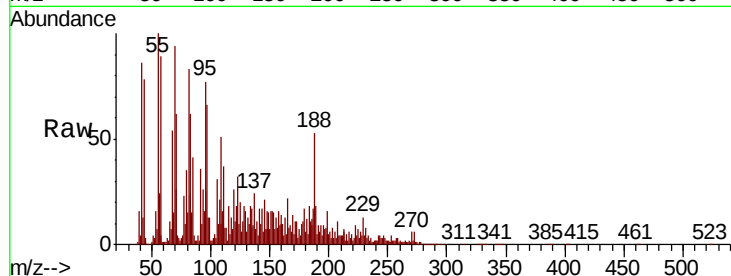
Tgt Ion:188 Resp: 667565

Ion Ratio Lower Upper

188 100

94 30.3 8.0 12.0#

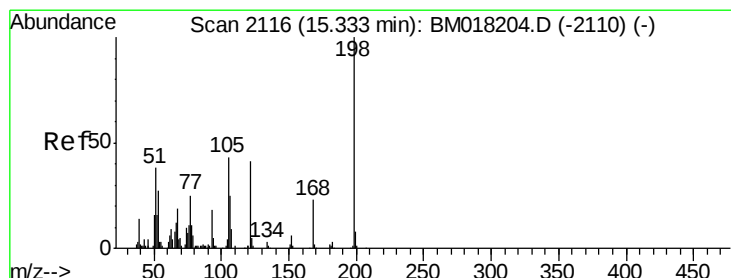
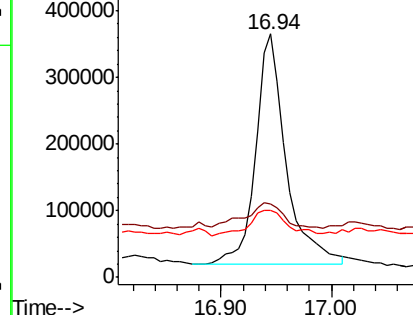
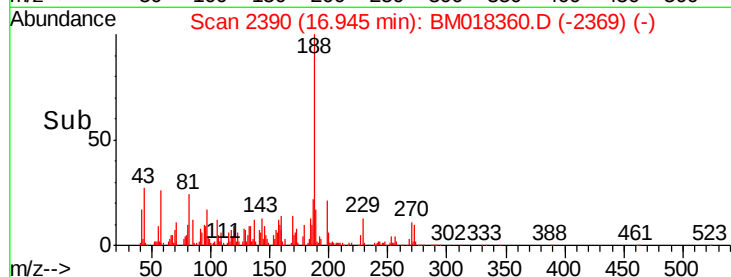
80 27.7 9.0 13.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 2.810 ng

RT: 15.36 min Scan# 2121

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

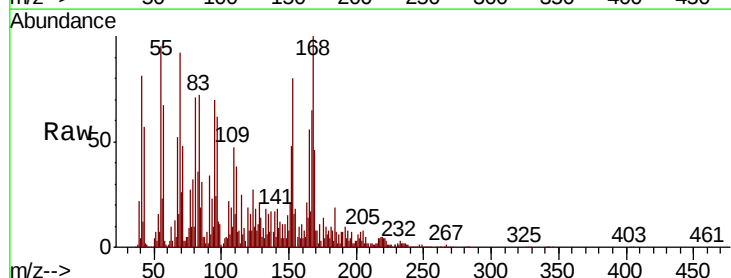
Tgt Ion:198 Resp: 13808

Ion Ratio Lower Upper

198 100

51 431.7 18.6 58.6#

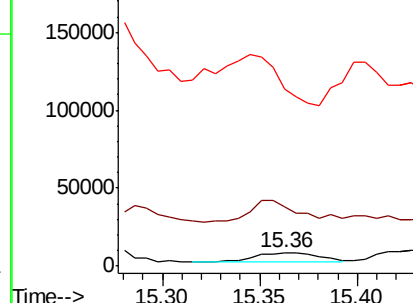
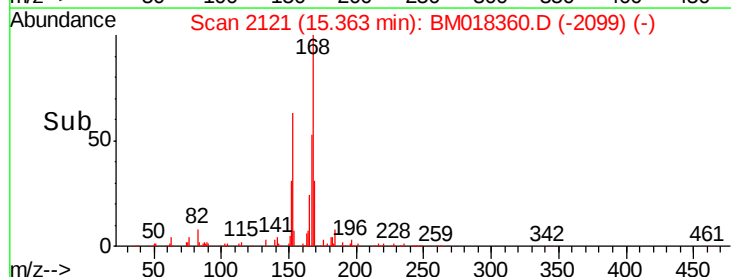
105 1305.0 22.9 62.9#

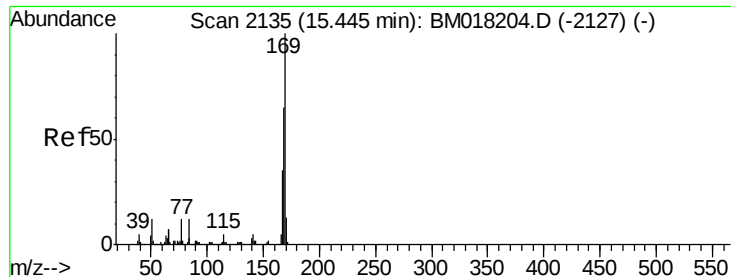


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

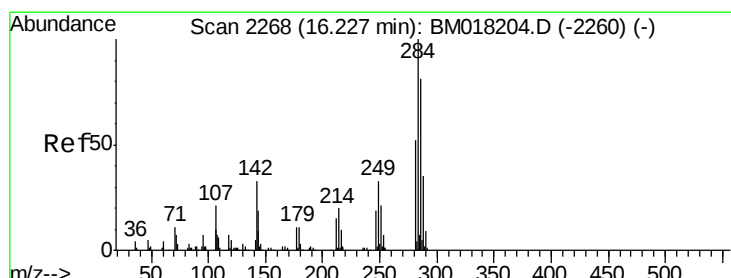
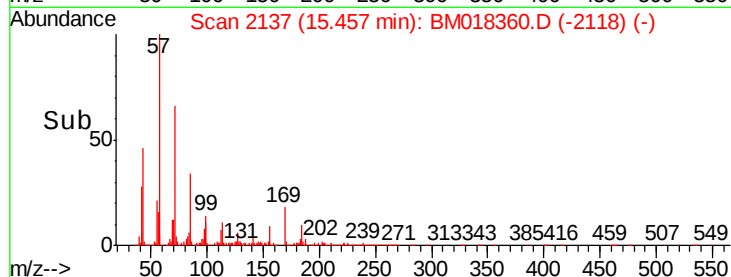
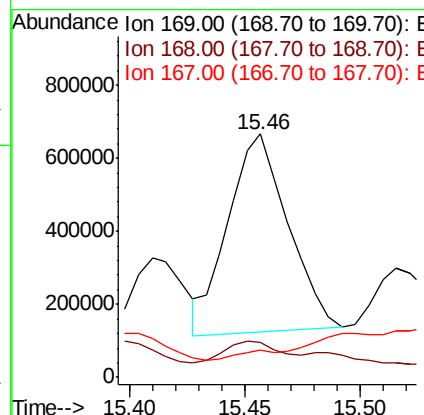
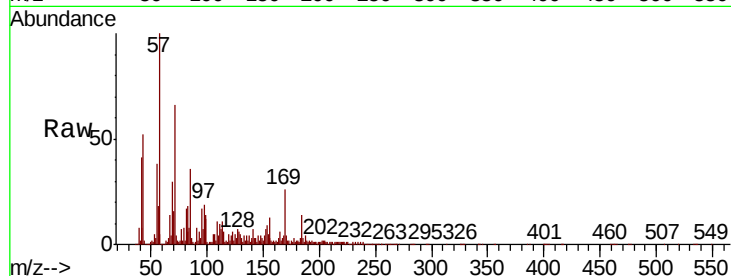




#66
n-Nitrosodiphenylamine
Concen: 44.516 ng
RT: 15.46 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

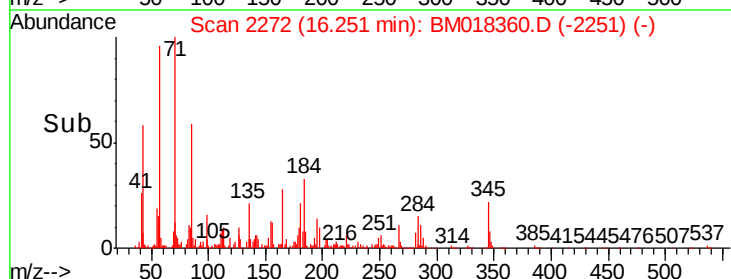
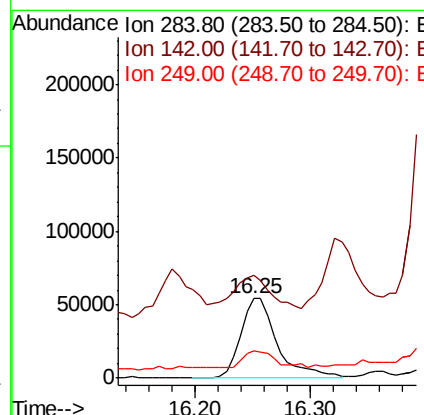
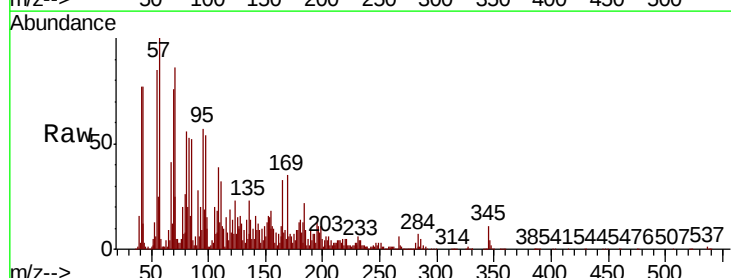
Instrument :
BNA_M
ClientSampleId :
P001-SS013-1824-01

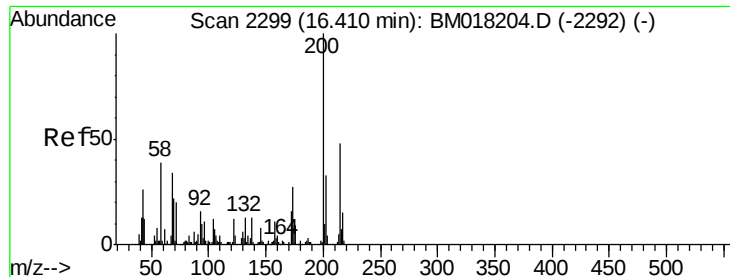
Tgt Ion:169 Resp: 982703
Ion Ratio Lower Upper
169 100
168 14.4 52.2 78.4#
167 11.0 27.6 41.4#



#68
Hexachlorobenzene
Concen: 13.530 ng
RT: 16.25 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BM018360.D
Acq: 21 Dec 2018 14:58

Tgt Ion:284 Resp: 119835
Ion Ratio Lower Upper
284 100
142 128.9 26.2 39.4#
249 34.8 26.2 39.2





#69

Atrazine

Concen: 277.453 ng

RT: 16.40 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

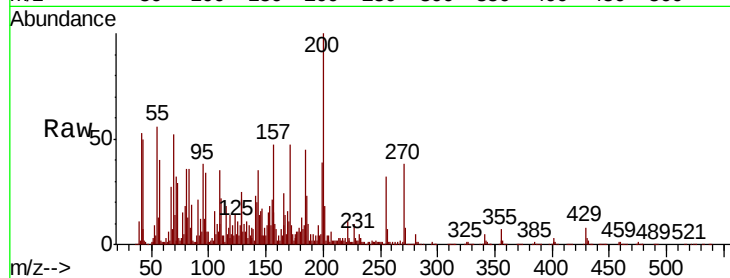
Tgt Ion:200 Resp: 2067713

Ion Ratio Lower Upper

200 100

173 5.1 6.9 46.9#

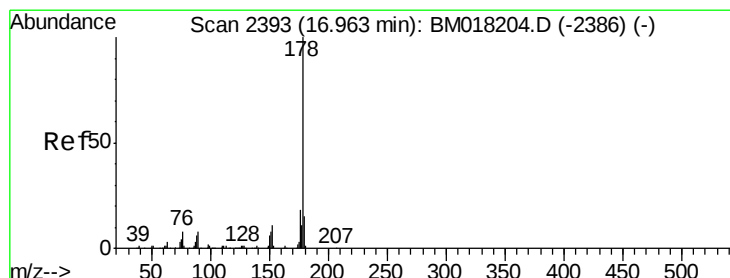
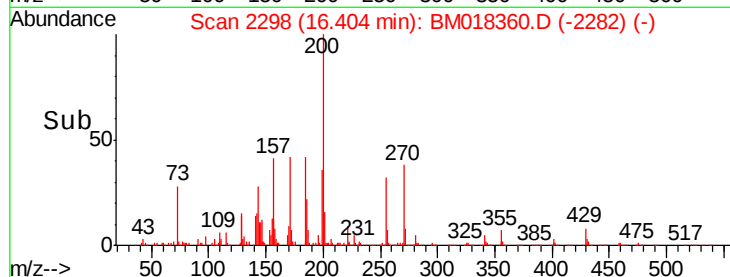
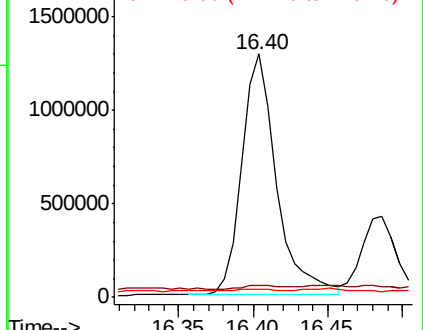
215 3.4 27.9 67.9#



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



#71

Phenanthrene

Concen: 53.573 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.02 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

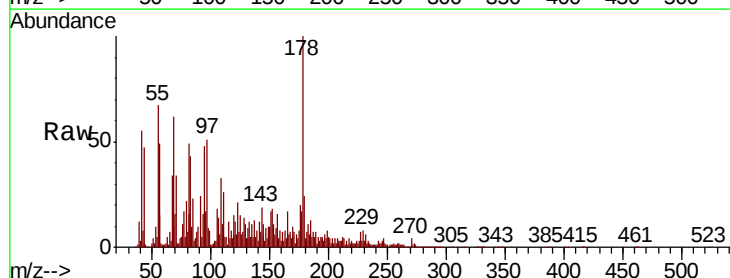
Tgt Ion:178 Resp: 1942600

Ion Ratio Lower Upper

178 100

176 20.3 14.7 22.1

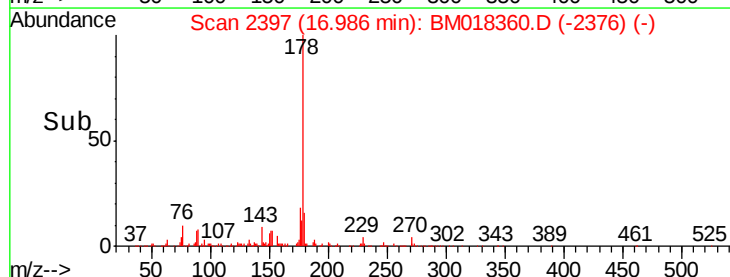
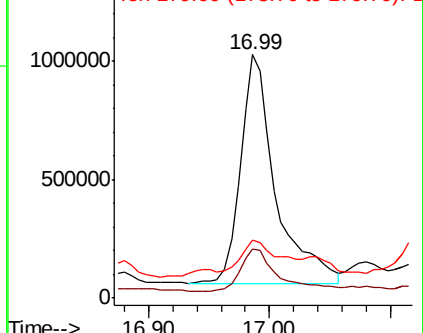
179 24.0 12.0 18.0#

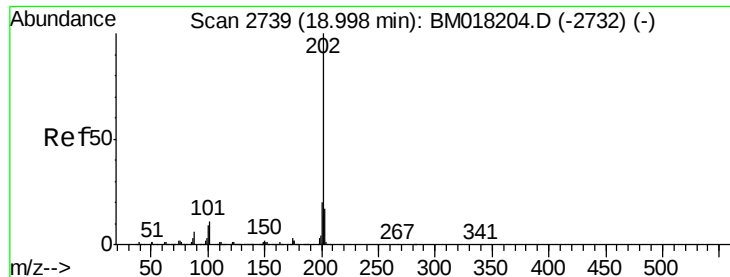


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 10.400 ng

RT: 19.03 min Scan# 2744

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

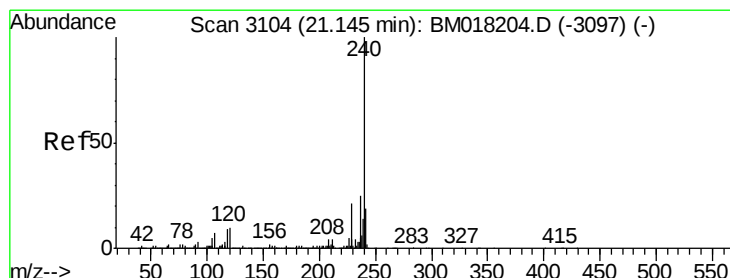
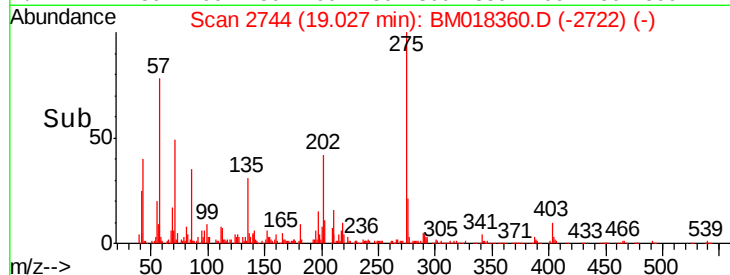
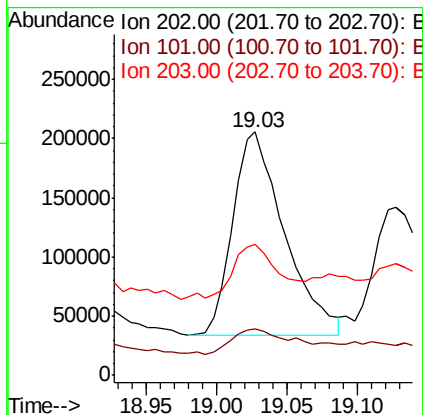
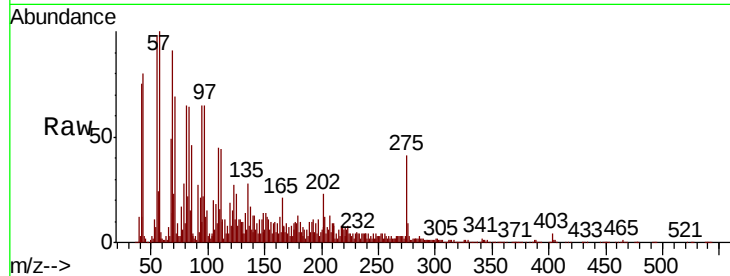
Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

Tgt Ion:	202	Resp:	438430
Ion Ratio	Lower	Upper	
202	100		
101	19.2	0.0	30.5
203	53.6	0.0	37.5#



#76

Chrysene-d12

Concen: 20.000 ng

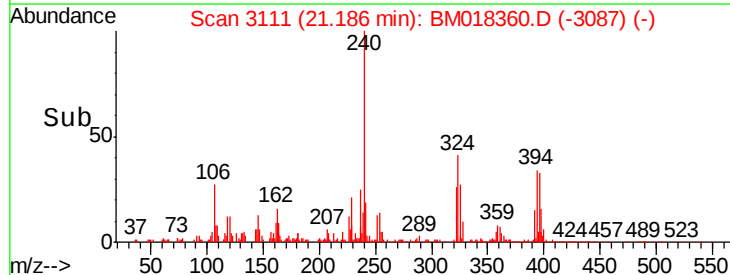
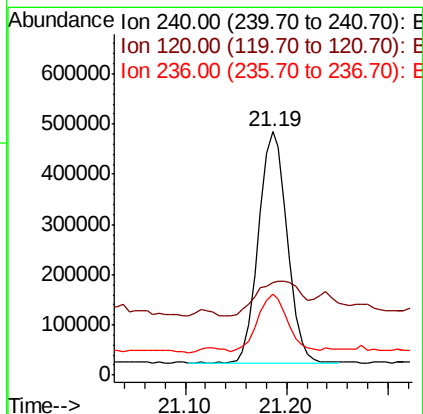
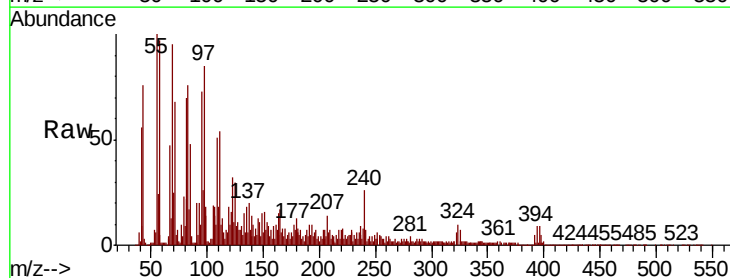
RT: 21.19 min Scan# 3111

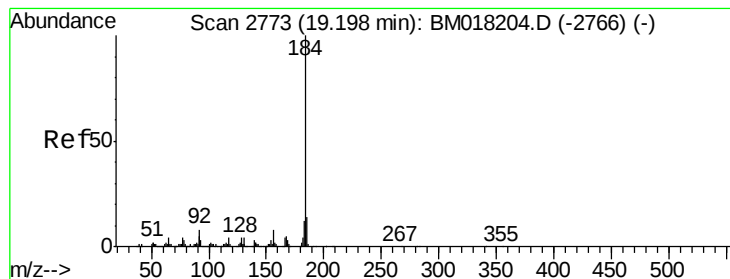
Delta R.T. 0.04 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Tgt Ion:	240	Resp:	921113
Ion Ratio	Lower	Upper	
240	100		
120	37.9	8.2	12.2#
236	33.6	20.3	30.5#





#77

Benzidine

Concen: 9.924 ng

RT: 19.17 min Scan# 2768

Delta R.T. -0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

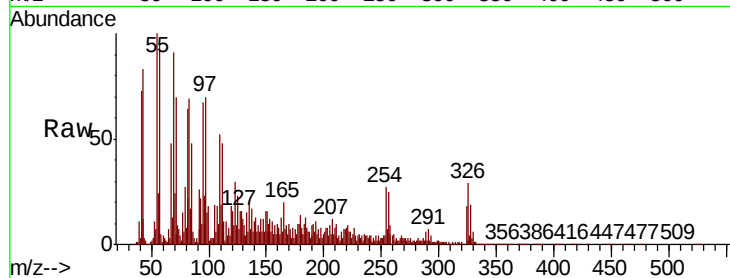
Tgt Ion:184 Resp: 231813

Ion Ratio Lower Upper

184 100

185 58.7 11.4 17.2#

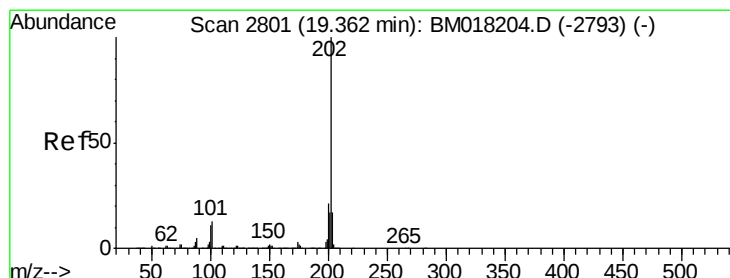
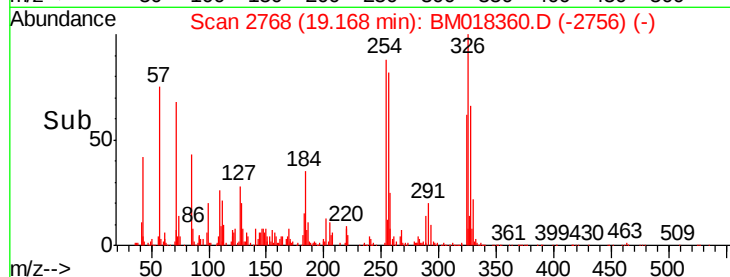
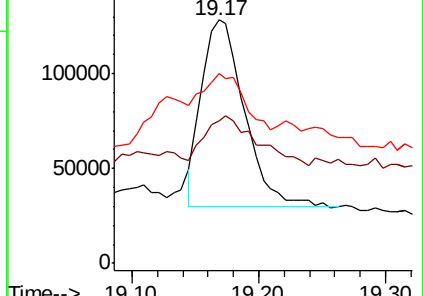
183 78.1 9.7 14.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 23.960 ng

RT: 19.40 min Scan# 2807

Delta R.T. 0.04 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

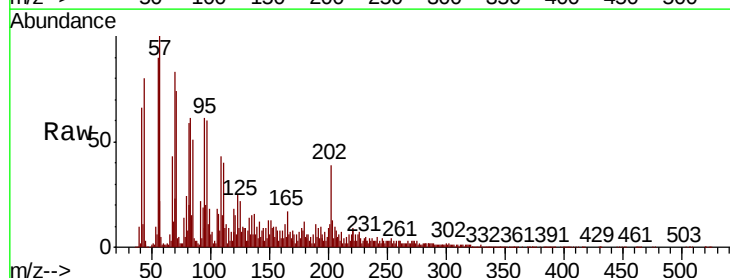
Tgt Ion:202 Resp: 1315028

Ion Ratio Lower Upper

202 100

200 24.1 16.5 24.7

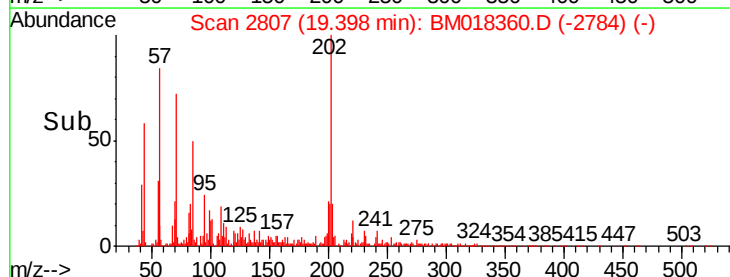
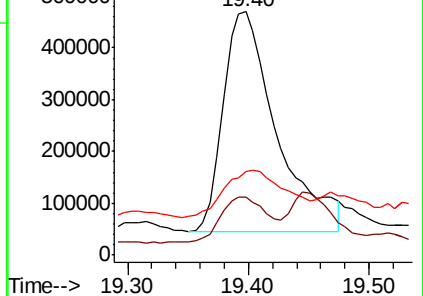
203 34.5 14.0 21.0#

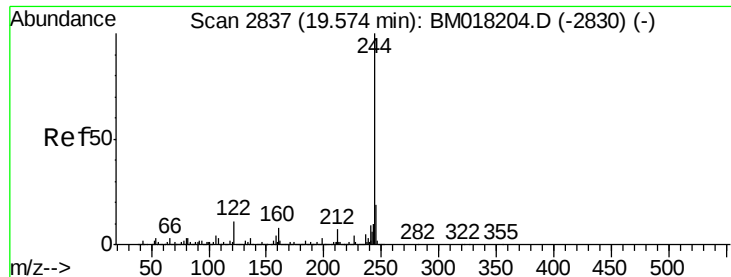


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 30.900 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

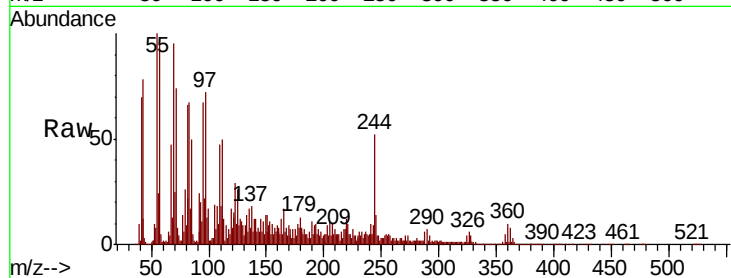
Tgt Ion:244 Resp: 1258473

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

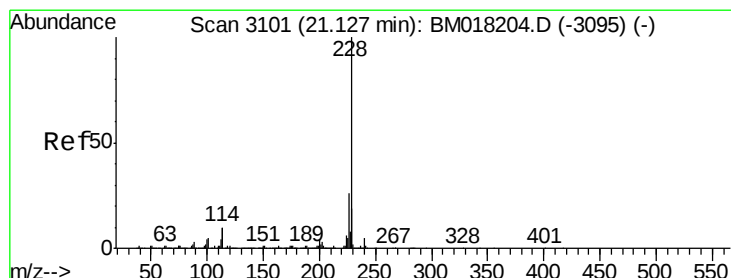
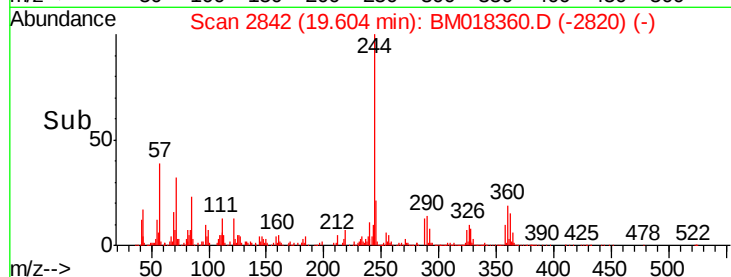
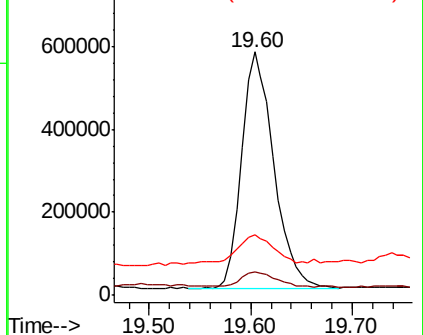
122 24.7 9.0 13.6#



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



#81

Benzo(a)anthracene

Concen: 5.161 ng

RT: 21.17 min Scan# 3109

Delta R.T. 0.05 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

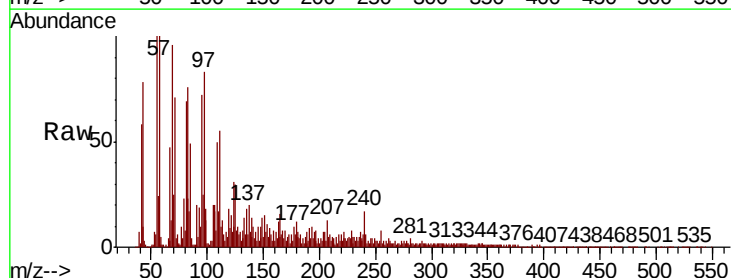
Tgt Ion:228 Resp: 277694

Ion Ratio Lower Upper

228 100

226 57.2 21.0 31.4#

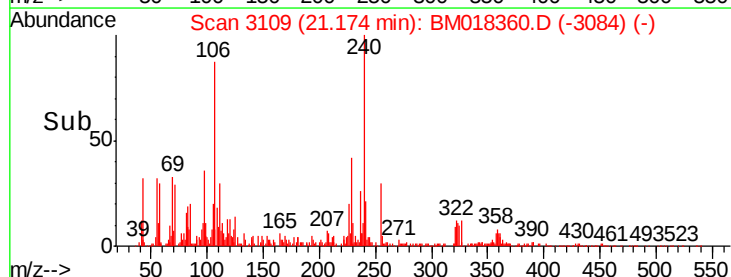
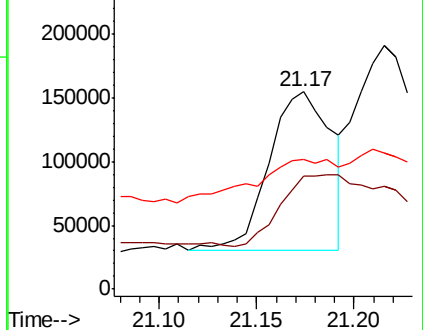
229 66.0 15.5 23.3#

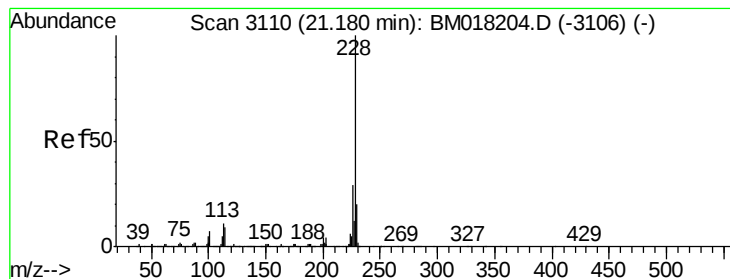


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 6.470 ng

RT: 21.22 min Scan# 3116

Delta R.T. 0.04 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

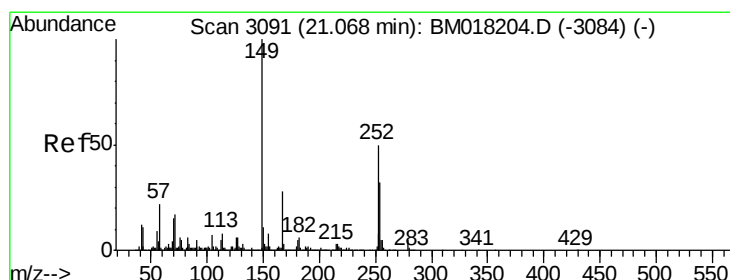
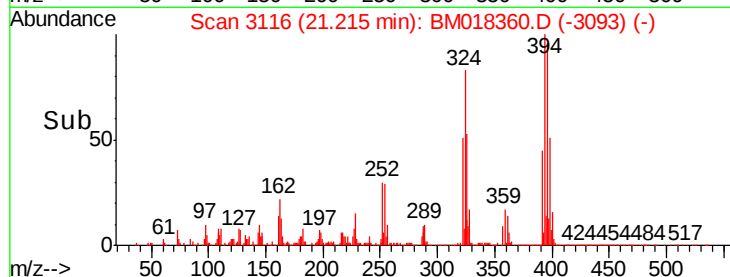
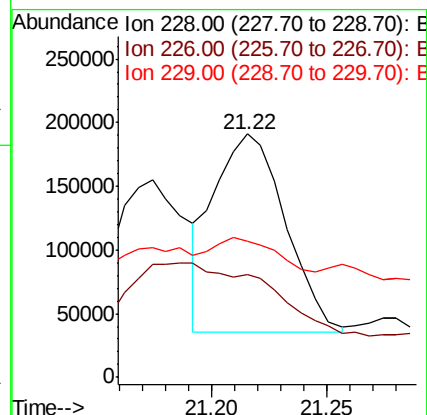
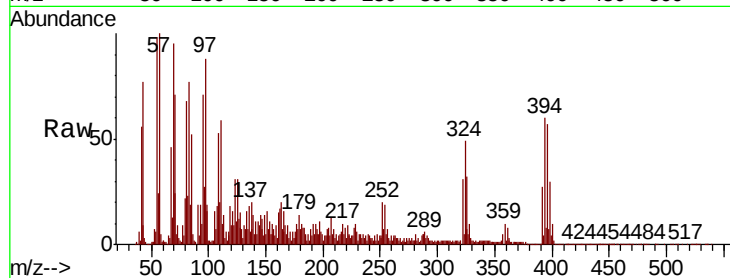
Tgt Ion:228 Resp: 334873

Ion Ratio Lower Upper

228 100

226 42.5 23.1 34.7#

229 55.8 15.8 23.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.554 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.03 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

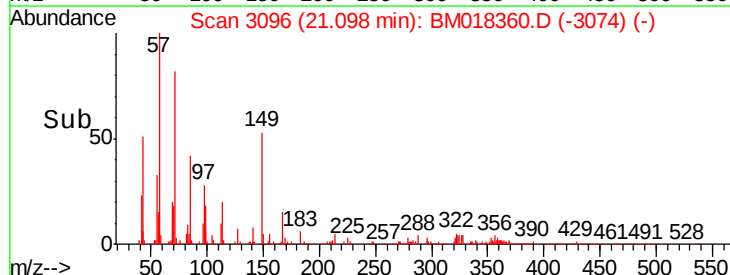
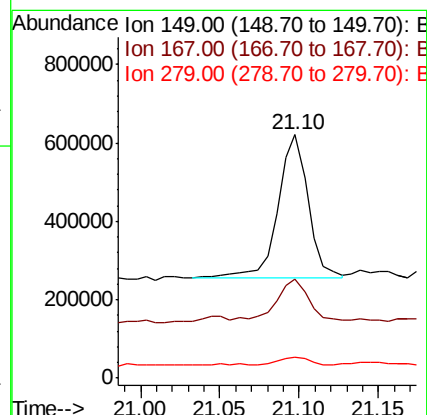
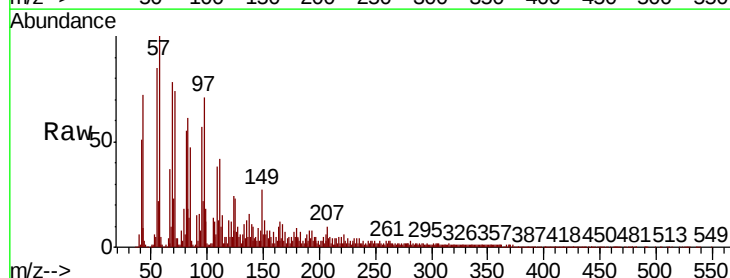
Tgt Ion:149 Resp: 488515

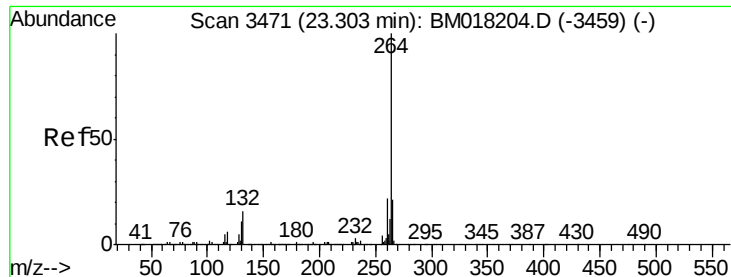
Ion Ratio Lower Upper

149 100

167 40.6 22.7 34.1#

279 8.6 3.9 5.9#





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

Delta R.T. 0.08 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

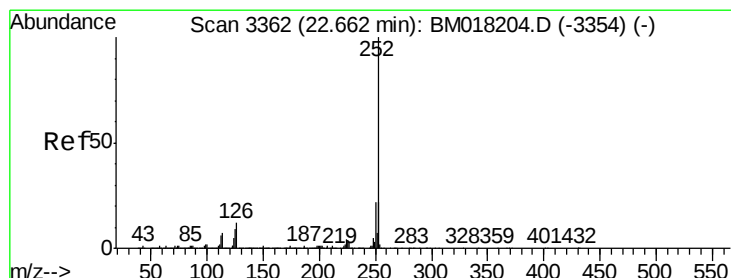
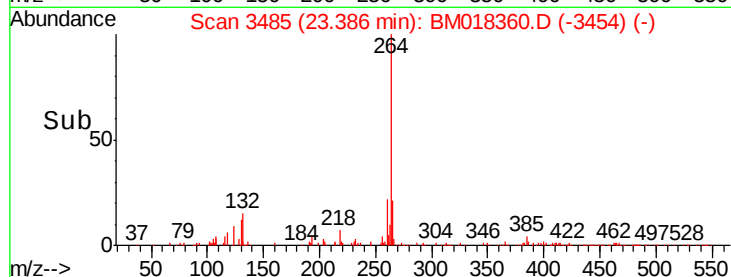
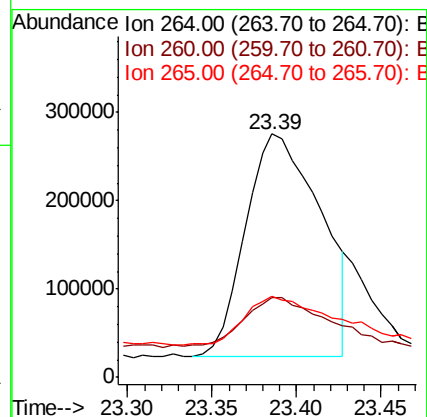
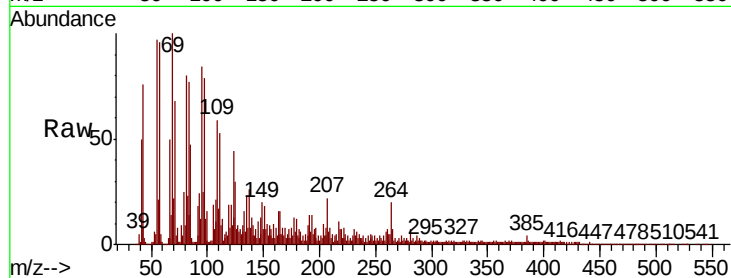
Tgt Ion:264 Resp: 775911

Ion Ratio Lower Upper

264 100

260 32.9 17.5 26.3#

265 33.4 17.3 25.9#



#88

Benzo(b)fluoranthene

Concen: 7.063 ng

RT: 22.74 min Scan# 3376

Delta R.T. 0.08 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

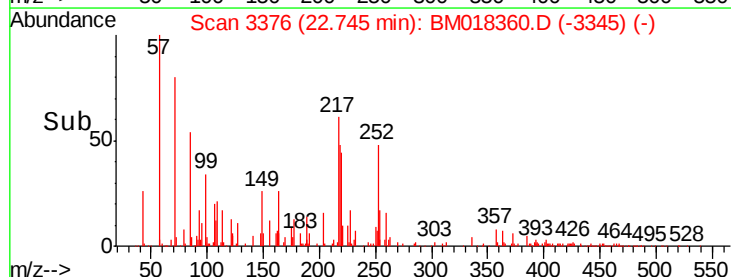
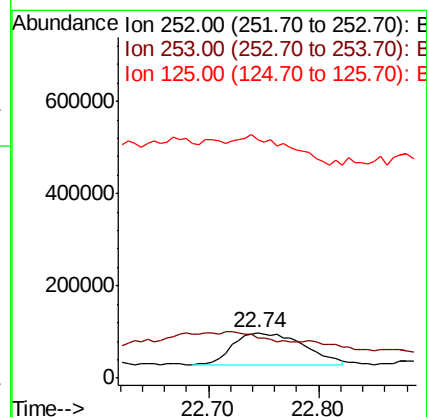
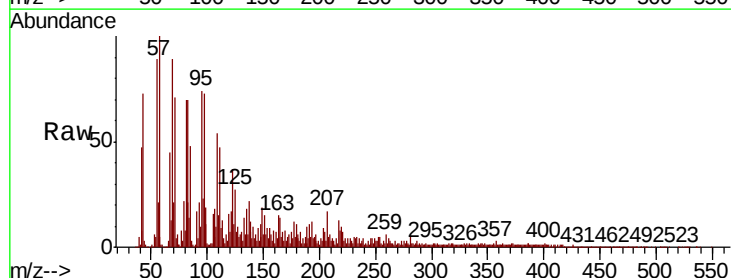
Tgt Ion:252 Resp: 307833

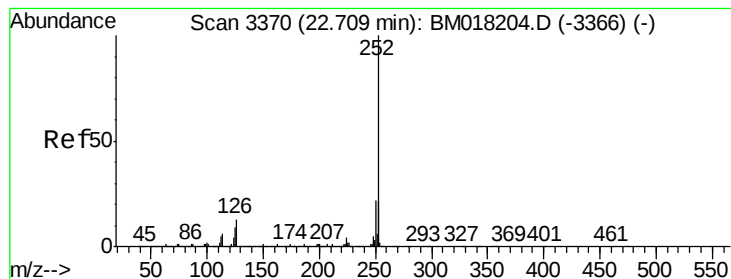
Ion Ratio Lower Upper

252 100

253 88.0 17.6 26.4#

125 519.2 7.4 11.0#





#89

Benzo(k)fluoranthene

Concen: 7.406 ng

RT: 22.74 min Scan# 3376

Delta R.T. 0.04 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

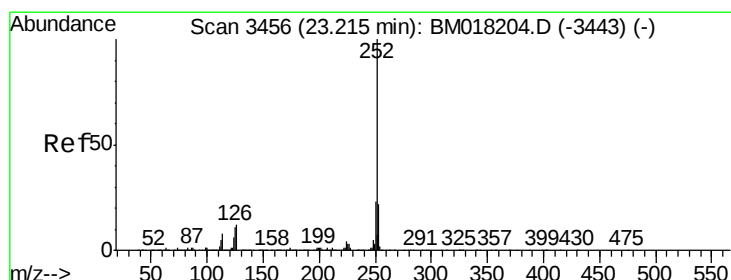
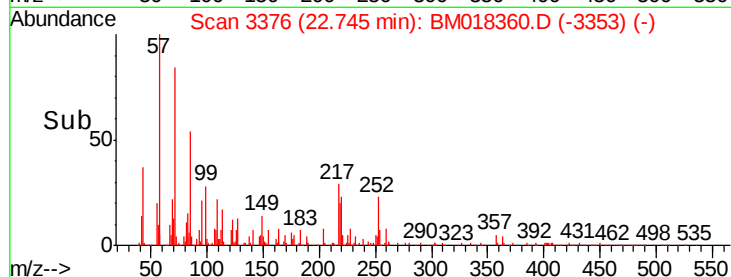
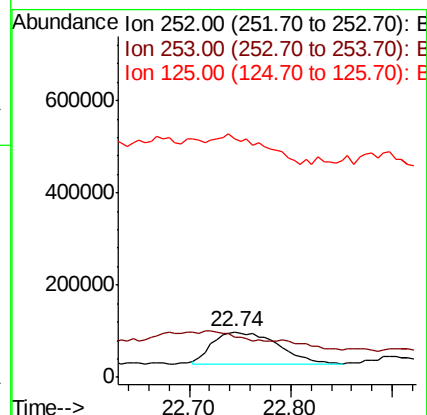
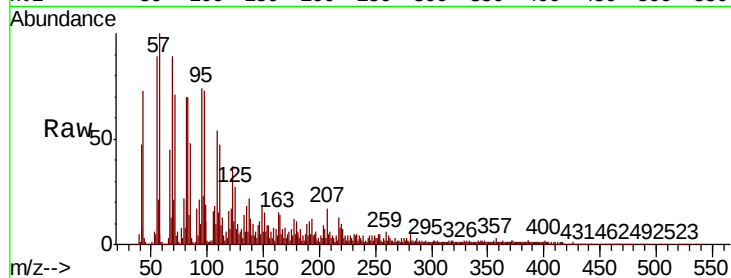
Tgt Ion:252 Resp: 321474

Ion Ratio Lower Upper

252 100

253 88.0 16.9 25.3#

125 519.2 7.5 11.3#



#90

Benzo(a)pyrene

Concen: 5.793 ng

RT: 23.29 min Scan# 3469

Delta R.T. 0.08 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

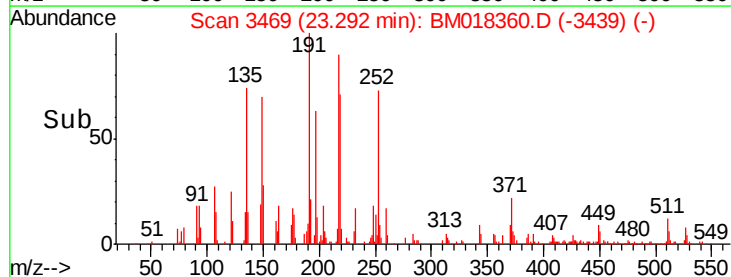
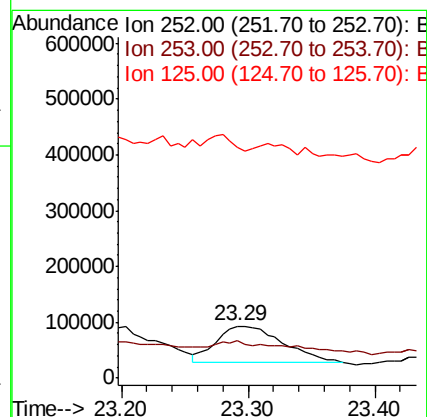
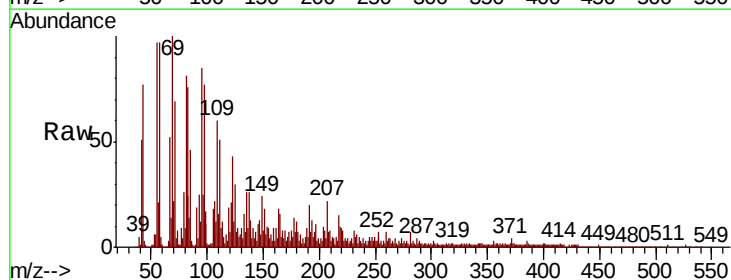
Tgt Ion:252 Resp: 240133

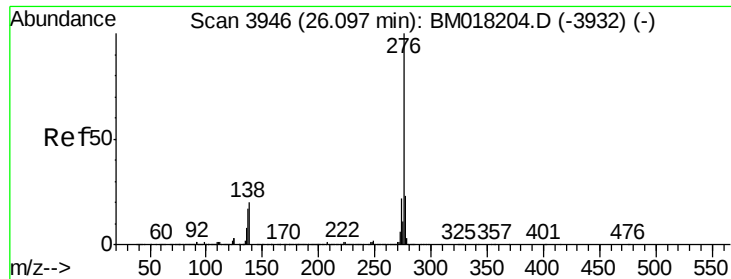
Ion Ratio Lower Upper

252 100

253 71.1 17.6 26.4#

125 445.3 8.6 12.8#





#92

Benzo(g,h,i)perylene

Concen: 4.595 ng

RT: 26.23 min Scan# 3969

Delta R.T. 0.14 min

Lab File: BM018360.D

Acq: 21 Dec 2018 14:58

Instrument :

BNA_M

ClientSampleId :

P001-SS013-1824-01

Tgt Ion: 276 Resp: 166796

Ion Ratio Lower Upper

276 100

277 45.5 18.7 28.1#

138 71.1 15.8 23.8#

