

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016233.D
 Acq On : 08 Aug 2018 01:07
 Operator : SJ/JU
 Sample : J4297-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

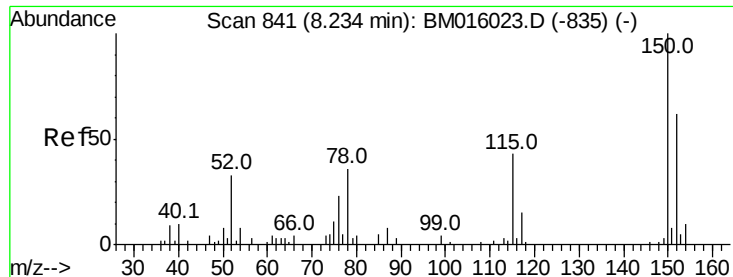
Quant Time: Aug 08 01:40:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 07 16:15:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	56288	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	298109	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	220418	20.00	ng	0.01
63) Phenanthrene-d10	17.53	188	447978	20.00	ng	0.02
75) Chrysene-d12	21.64	240	332824	20.00	ng	0.00
86) Perylene-d12	23.97	264	273828	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	56421	16.65	ng	0.00
7) Phenol-d6	7.30	99	74934	16.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	124291	19.39	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	41273	14.76	ng	0.01
44) 2-Fluorobiphenyl	13.40	172	160452	8.86	ng	0.00
78) Terphenyl-d14	20.09	244	224101	14.09	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	7.25	77	19281	6.201	ng	# 1
18) Hexachloroethane	9.24	117	102495	49.595	ng	# 1
19) n-Nitroso-di-n-propylamine	8.99	70	24861	7.686	ng	# 83
22) Acetophenone	8.93	105	223868	29.824	ng	# 60
24) Nitrobenzene	9.33	77	30631	4.748	ng	# 19
25) Isophorone	9.86	82	60196	6.866	ng	# 1
27) 2,4-Dimethylphenol	10.15	122	8931	2.380	ng	# 1
28) bis(2-Chloroethoxy)methane	10.35	93	14829	2.602	ng	# 1
31) Naphthalene	11.02	128	1383363	91.689	ng	# 96
35) Caprolactam	11.95	113	392025	317.457	ng	# 18
37) 2-Methylnaphthalene	12.64	142	6159722	609.460	ng	# 95
43) 2,4,5-Trichlorophenol	13.29	196	12855	2.654	ng	# 1
45) 1,1'-Biphenyl	13.62	154	812236	40.832	ng	# 96
48) Acenaphthylene	14.52	152	74259	3.279	ng	# 1
49) Dimethylphthalate	14.24	163	52279	2.710	ng	# 65
50) 2,6-Dinitrotoluene	14.35	165	18256	4.704	ng	# 1
51) Acenaphthene	14.86	154	97030	6.966	ng	# 58
52) 3-Nitroaniline	14.73	138	26038	6.211	ng	# 57
53) 2,4-Dinitrophenol	14.91	184	3166	7.873	ng	# 1
54) Dibenzofuran	15.19	168	196086	8.542	ng	# 1
55) 4-Nitrophenol	14.99	139	175073	58.256	ng	# 27
56) 2,4-Dinitrotoluene	15.19	165	84096	15.153	ng	# 54
57) Fluorene	15.83	166	246548	14.454	ng	# 91
59) Diethylphthalate	15.62	149	63415	3.050	ng	# 1
61) 4-Nitroaniline	15.87	138	8539	2.123	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.94	198	6414	2.359	ng	# 1
65) n-Nitrosodiphenylamine	16.03	169	364429	24.705	ng	# 42
70) Phenanthrene	17.57	178	995301	39.684	ng	# 94
71) Anthracene	17.66	178	50549	2.074	ng	# 67

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

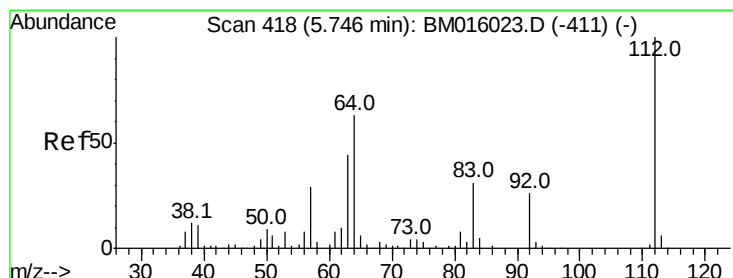
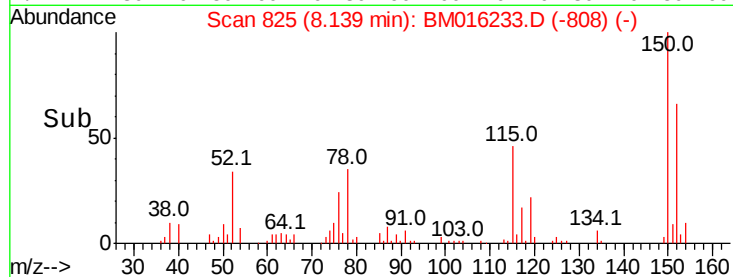
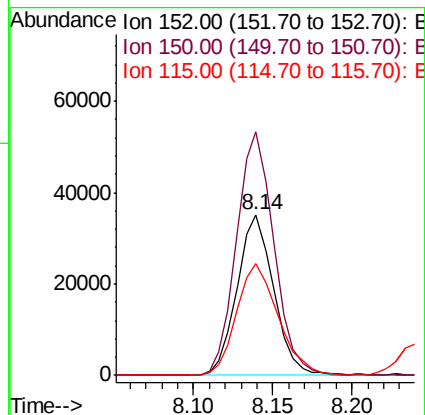
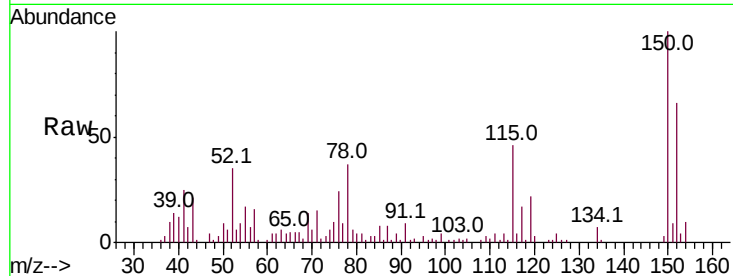


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

Instrument :
 BNA_M
 ClientSampleId :

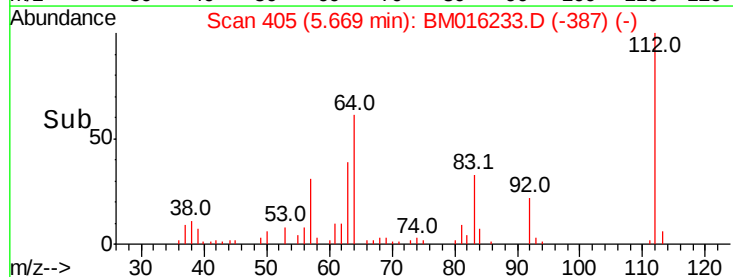
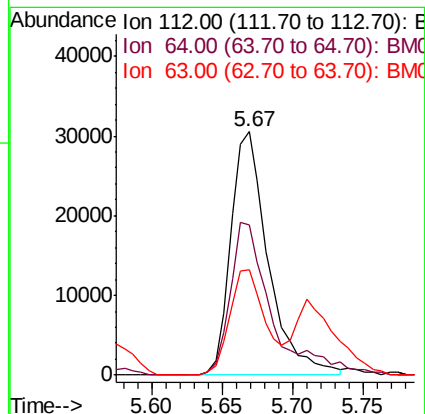
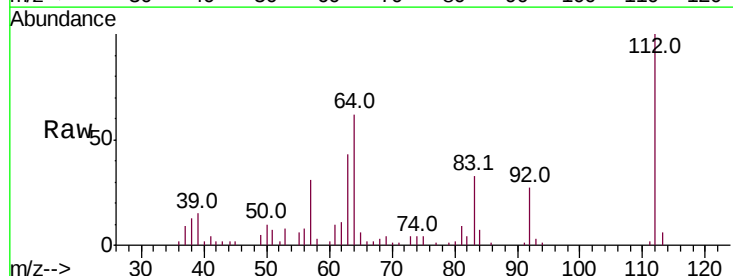
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	69.7	43.0	64.4#

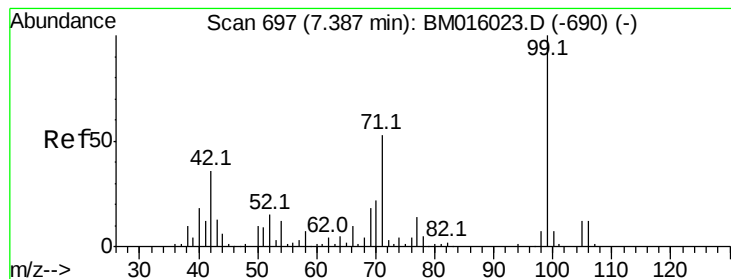


#5

2-Fluorophenol
 Concen: Below ng
 RT: 5.67 min Scan# 405
 Delta R.T. 0.01 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8#
63	43.4	19.3	28.9#





#7

Phenol-d6

Concen: Below na

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampled :

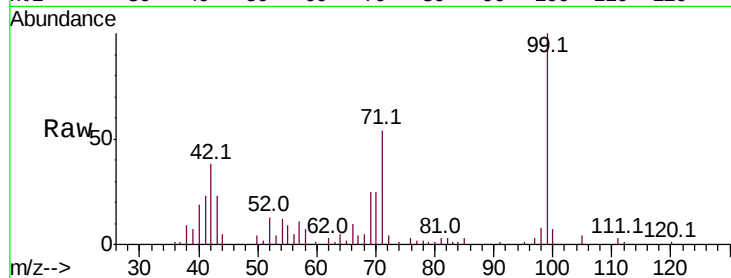
Tot Ion: 99 Resp: 74934

Ion Ratio Lower Upper

99 100

42 38.1 11.0 16.4#

71 53.5 23.4 35.2#

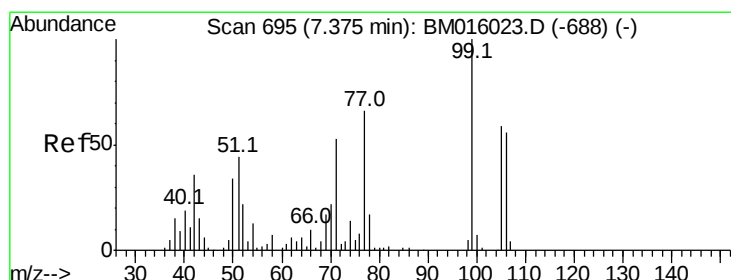
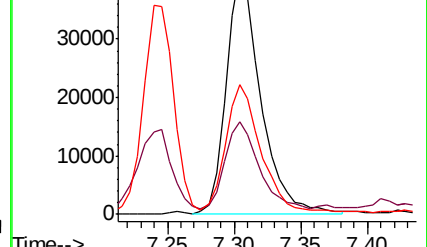
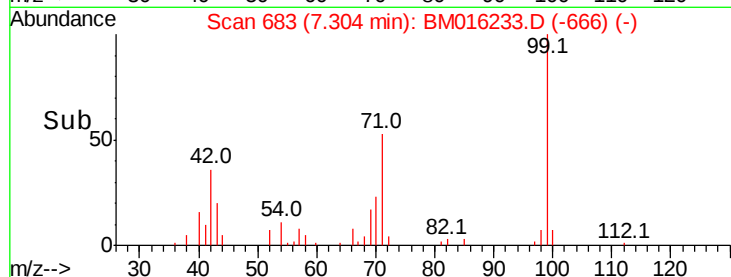


Abundance Ion 99.00 (98.70 to 99.70): BM016233.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016233.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016233.D (-690) (-)

Time-->



#9

Benzaldehyde

Concen: 6.201 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.04 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

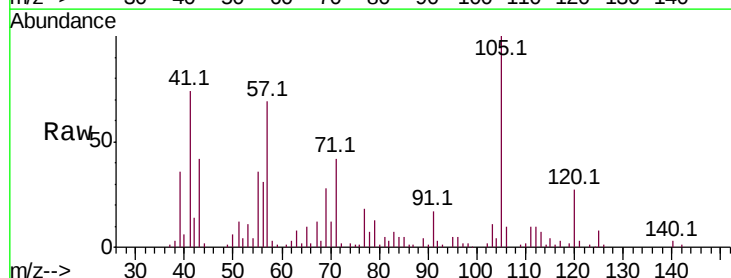
Tgt Ion: 77 Resp: 19281

Ion Ratio Lower Upper

77 100

105 555.9 78.8 118.8#

106 53.6 73.7 113.7#

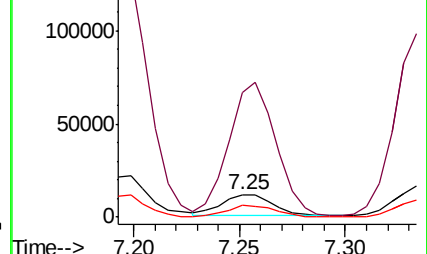
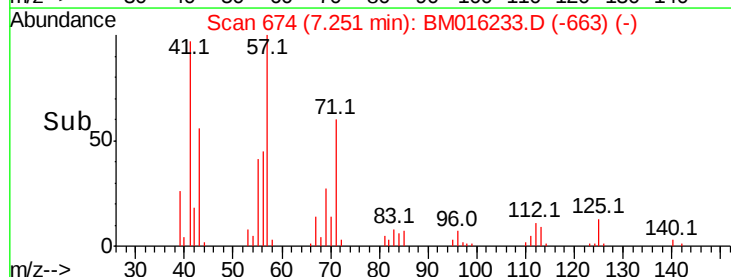


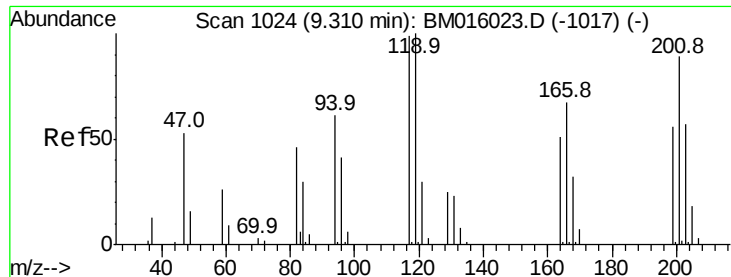
Abundance Ion 77.00 (76.70 to 77.70): BM016233.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM016233.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM016233.D (-663) (-)

Time-->

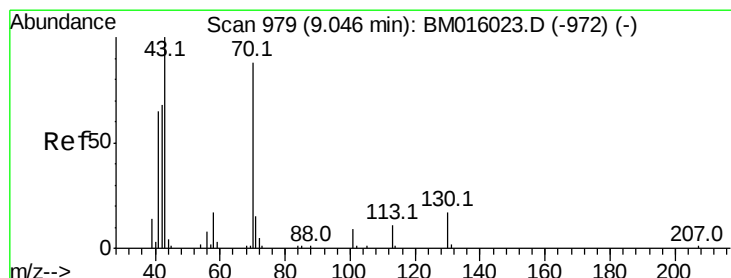
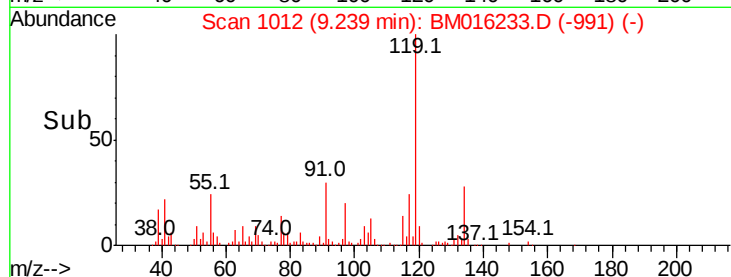
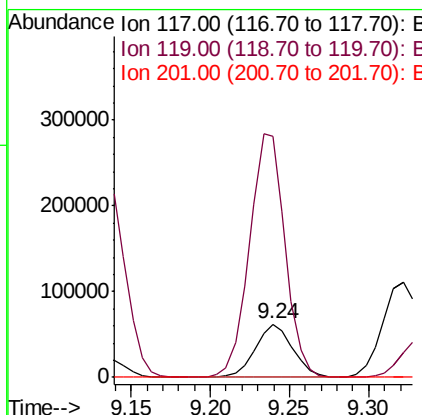
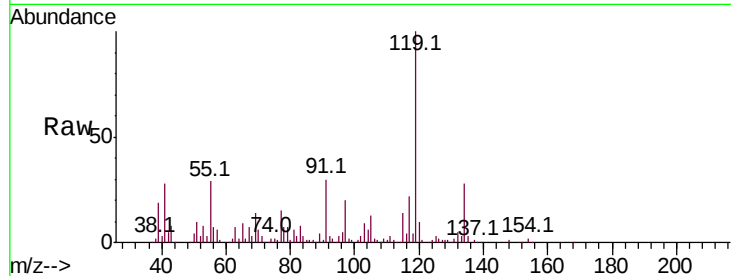




#18
Hexachloroethane
Concen: 49.595 ng
RT: 9.24 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

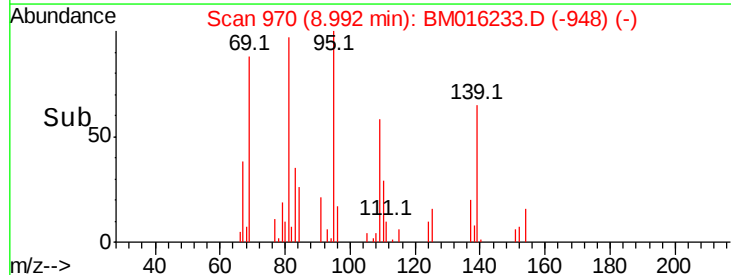
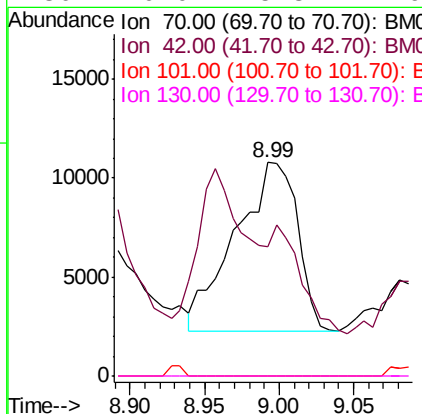
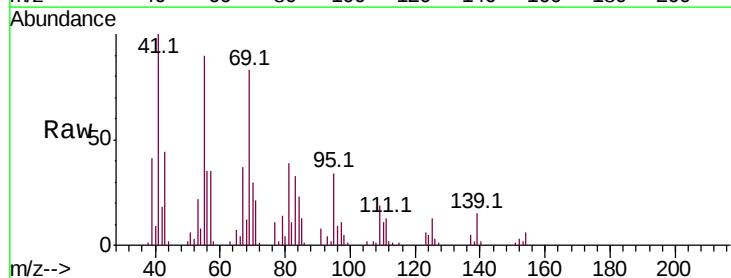
Instrument :
BNA_M
ClientSampleId :

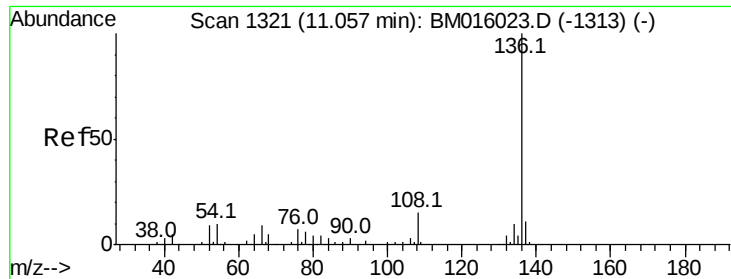
Tot Ion	Ratio	Lower	Upper
117	100		
119	451.9	79.2	118.8#
201	0.0	69.8	104.6#



#19
n-Nitroso-di-n-propylamine
Concen: 7.686 ng
RT: 8.99 min Scan# 970
Delta R.T. 0.03 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.8	44.5	66.7
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#

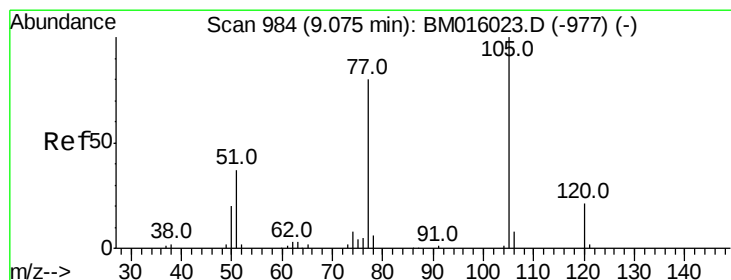
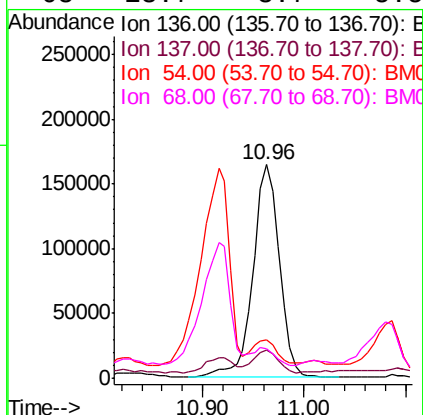
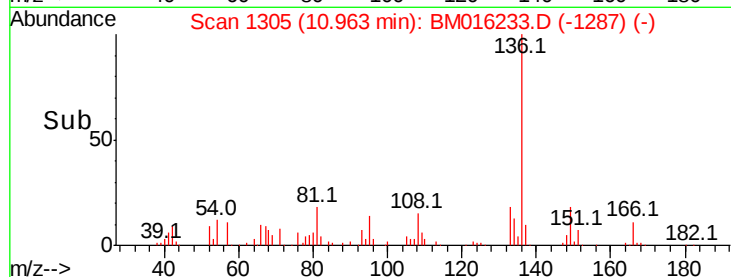
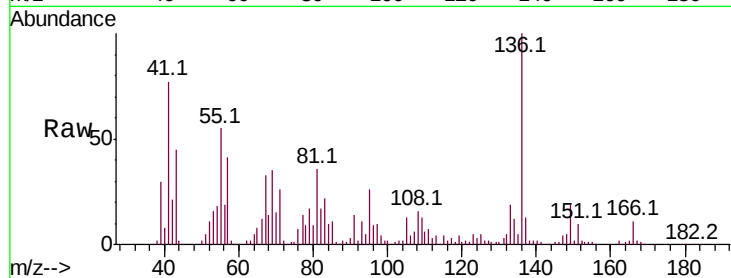




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

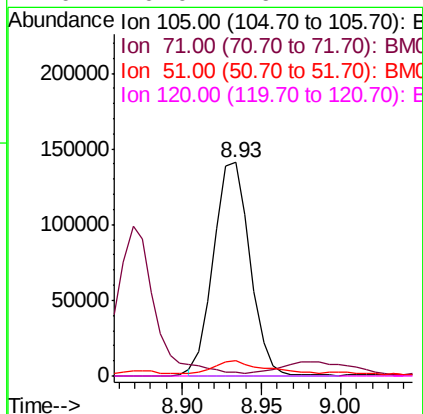
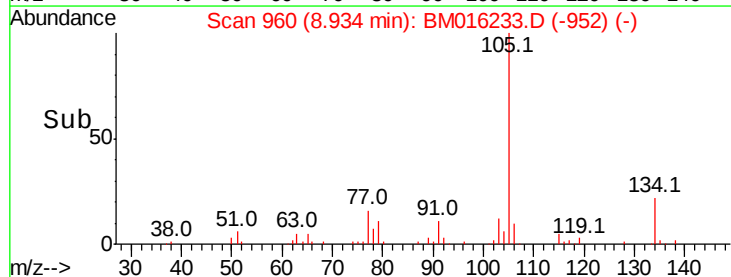
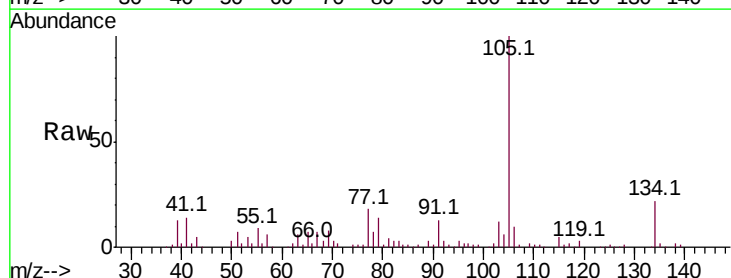
Instrument :
BNA_M
ClientSampleId :

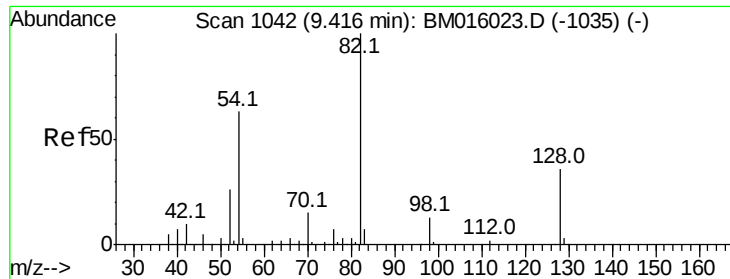
Tot Ion:136	Resp:	298109
Ion	Ratio	Lower Upper
136	100	
137	13.1	8.7 13.1#
54	18.1	4.6 6.8#
68	13.7	3.7 5.5#



#22
Acetophenone
Concen: 29.824 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.05 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:105	Resp:	223868
Ion	Ratio	Lower Upper
105	100	
71	1.6	0.6 1.0#
51	7.4	21.6 32.4#
120	0.0	16.1 24.1#

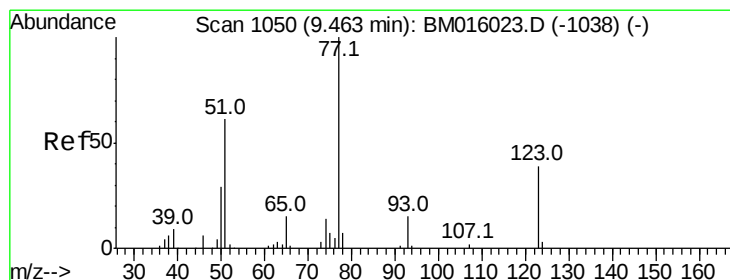
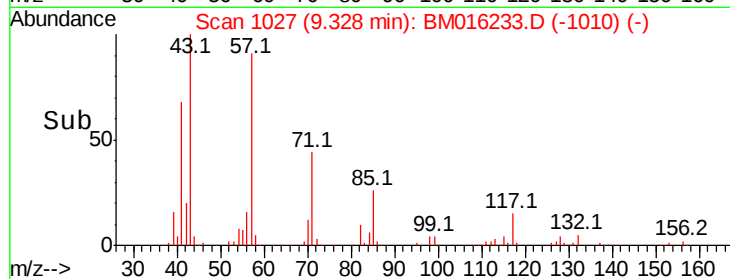
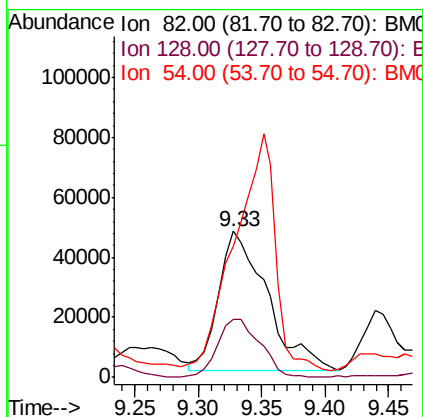
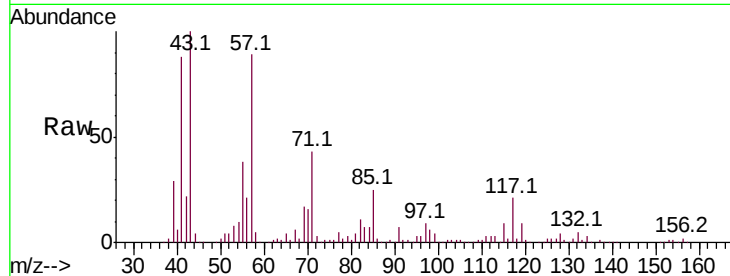




#23
 Nitrobenzene-d5
 Concen: 29.824 ng
 RT: 9.33 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

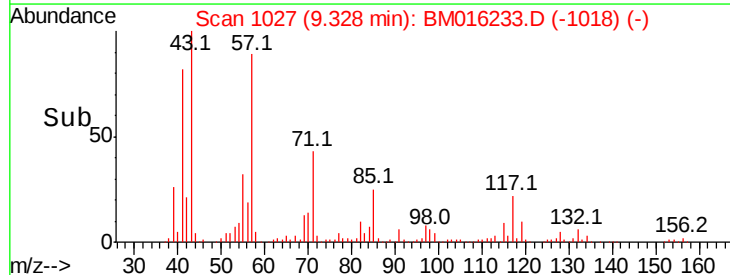
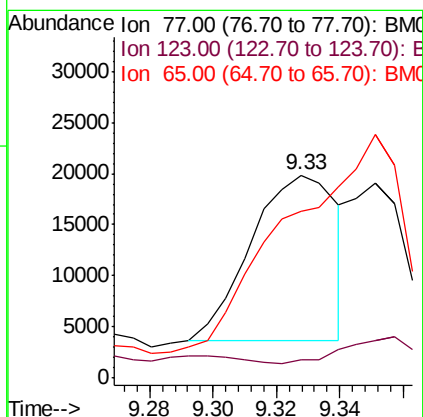
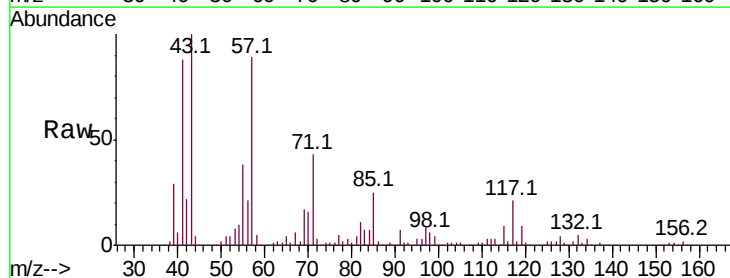
Instrument :
 BNA_M
 ClientSampled :

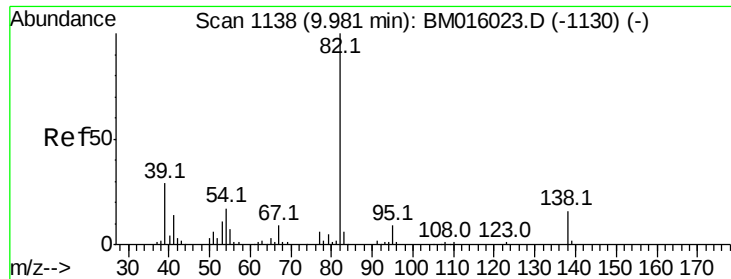
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.8	49.2
54	90.0	40.6	60.8#



#24
 Nitrobenzene
 Concen: 4.748 ng
 RT: 9.33 min Scan# 1027
 Delta R.T. -0.05 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	9.2	32.6	49.0#
65	82.3	10.9	16.3#

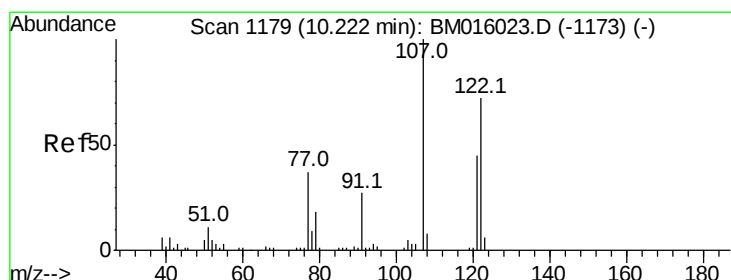
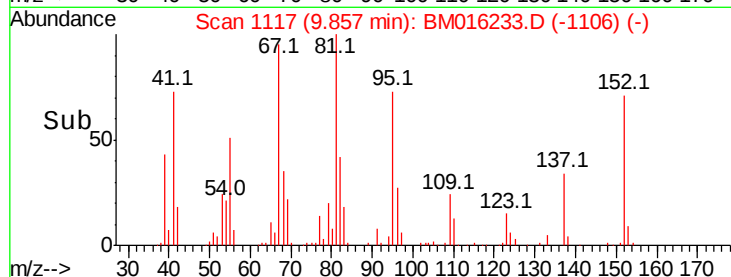
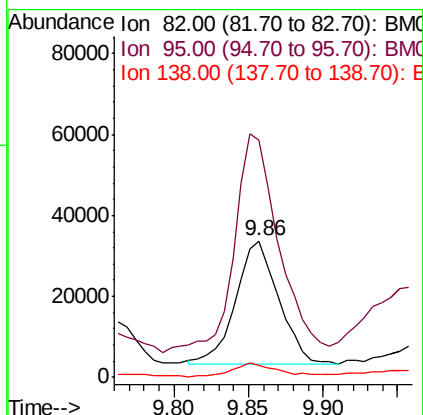
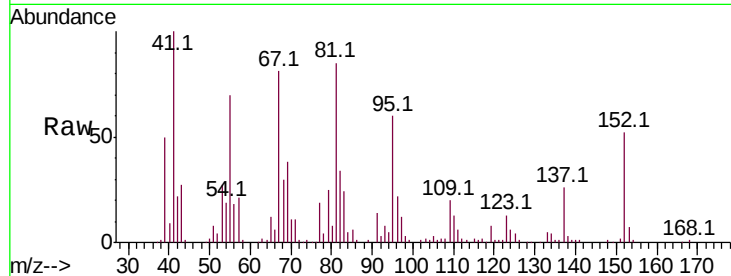




#25
Isophorone
Concen: 6.866 ng
RT: 9.86 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

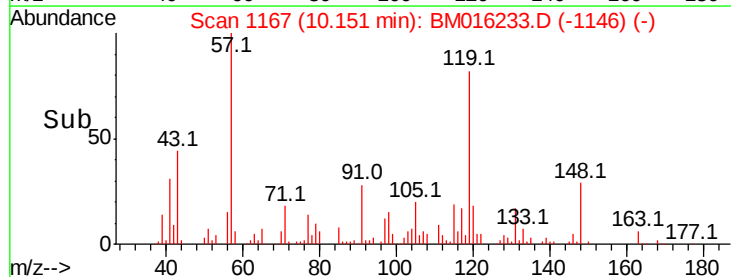
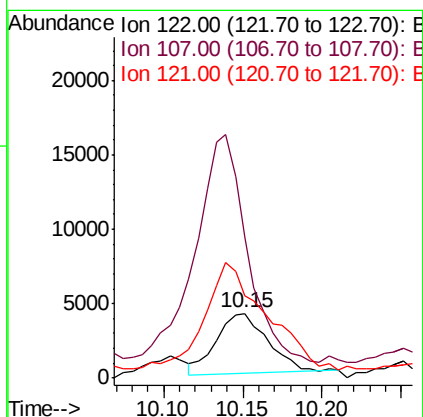
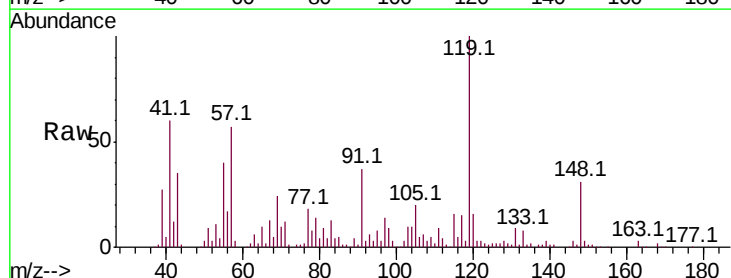
Instrument :
BNA_M
ClientSampleId :

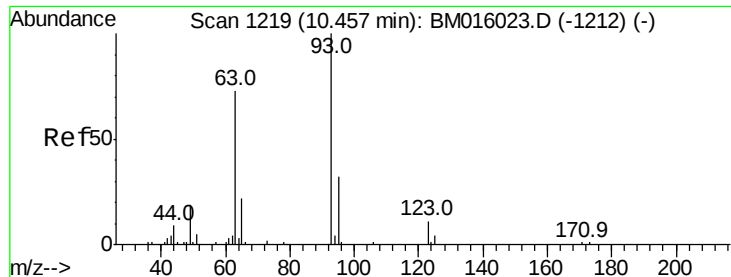
Tot Ion: 82 Resp: 60196
Ion Ratio Lower Upper
82 100
95 173.6 5.8 8.6#
138 8.9 16.3 24.5#



#27
2,4-Dimethylphenol
Concen: 2.380 ng
RT: 10.15 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:122 Resp: 8931
Ion Ratio Lower Upper
122 100
107 218.2 84.7 127.1#
121 128.3 46.6 69.8#

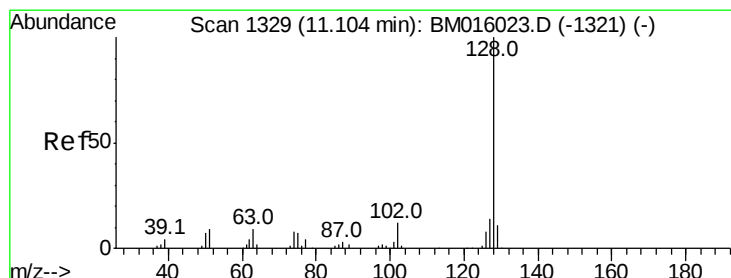
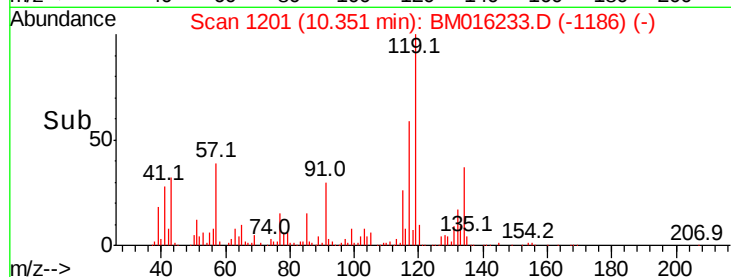
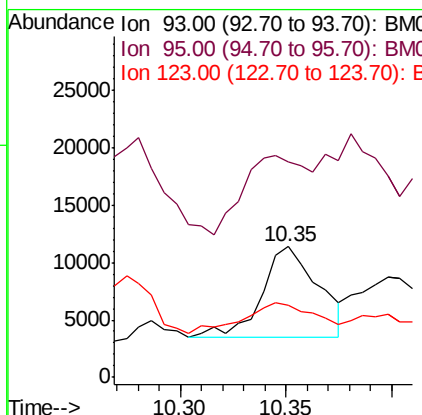
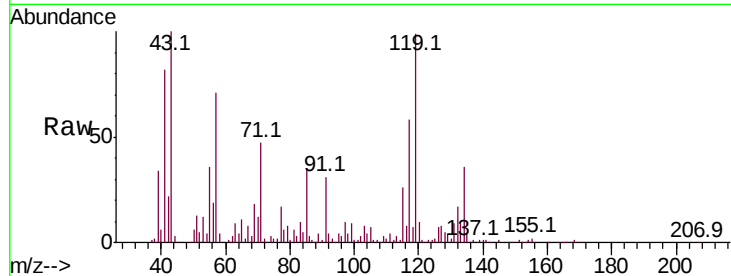




#28
bis(2-Chloroethoxy)methane
Concen: 2.602 ng
RT: 10.35 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

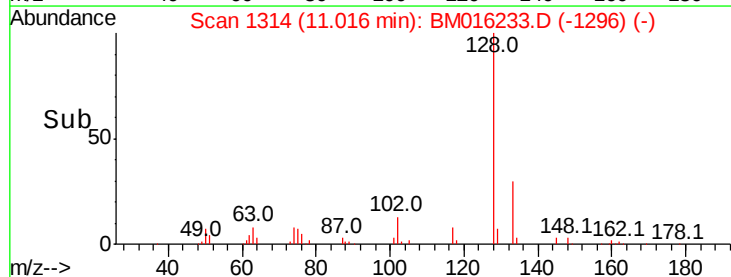
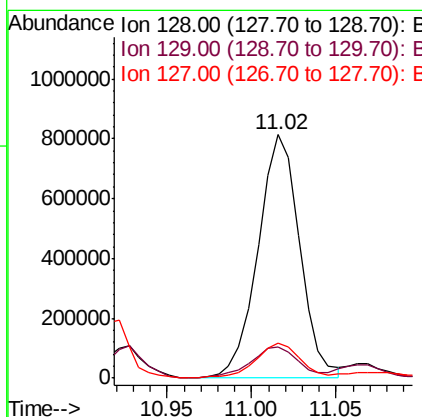
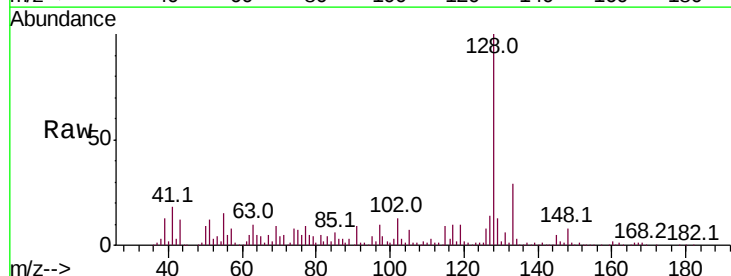
Instrument :
BNA_M
ClientSampled :

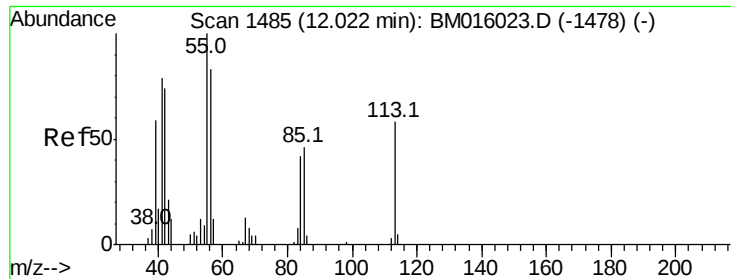
Tot Ion: 93 Resp: 14829
Ion Ratio Lower Upper
93 100
95 164.2 25.5 38.3#
123 55.2 8.6 13.0#



#31
Naphthalene
Concen: 91.689 ng
RT: 11.02 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion: 128 Resp: 1383363
Ion Ratio Lower Upper
128 100
129 13.0 8.9 13.3
127 14.3 10.4 15.6

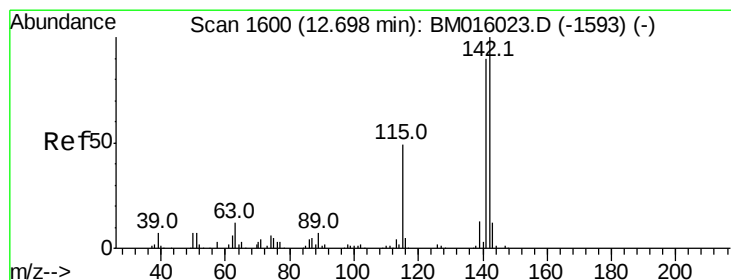
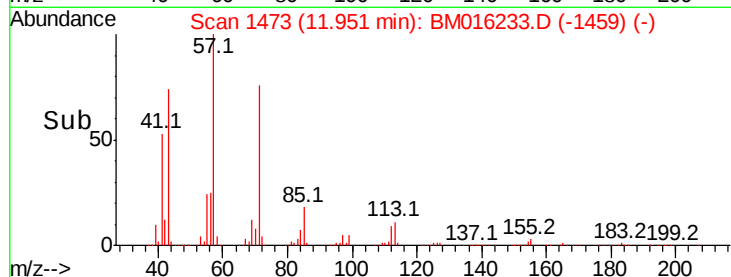
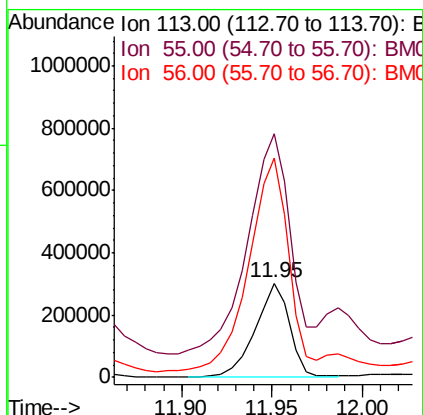
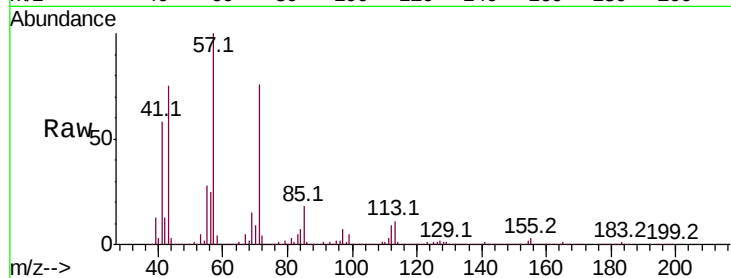




#35
 Caprolactam
 Concen: 317.457 ng
 RT: 11.95 min Scan# 1473
 Delta R.T. -0.02 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

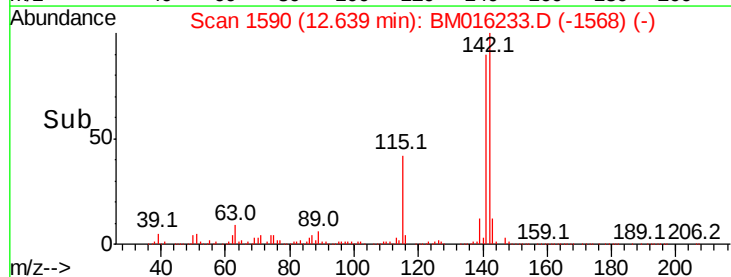
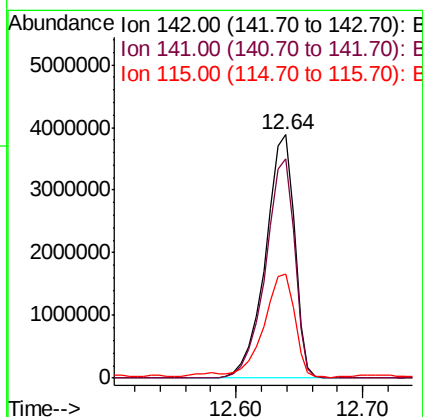
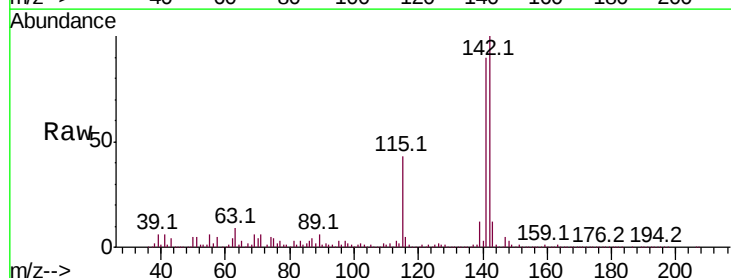
Instrument :
 BNA_M
 ClientSampled :

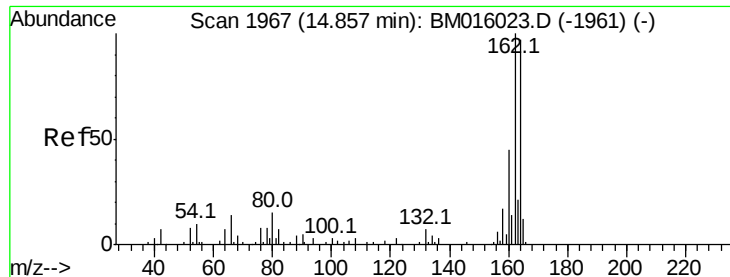
Tot Ion:113 Resp: 392025
 Ion Ratio Lower Upper
 113 100
 55 258.6 145.9 185.9#
 56 233.5 101.0 141.0#



#37
 2-Methylnaphthalene
 Concen: 609.460 ng
 RT: 12.64 min Scan# 1590
 Delta R.T. 0.03 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

Tgt Ion:142 Resp: 6159722
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.9 107.9
 115 42.7 25.4 38.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampleId :

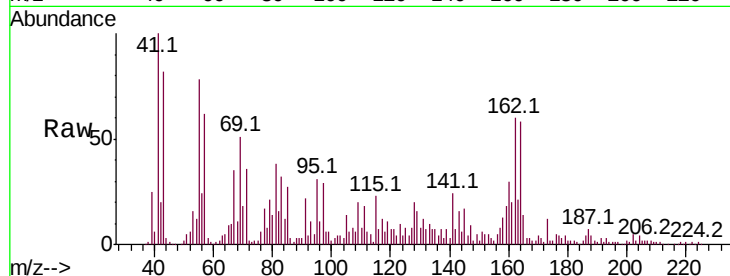
Tot Ion:164 Resp: 220418

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

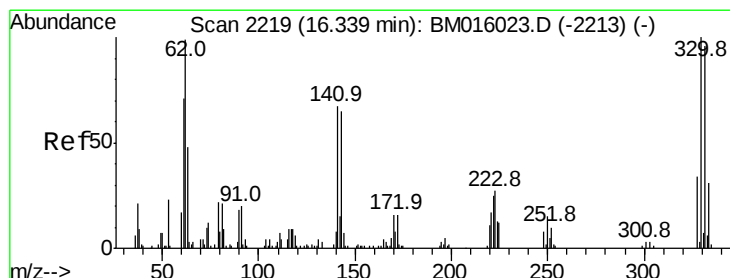
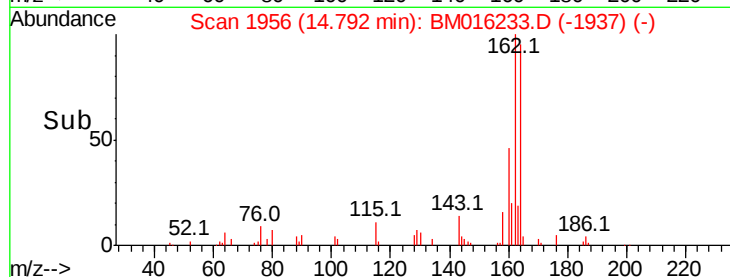
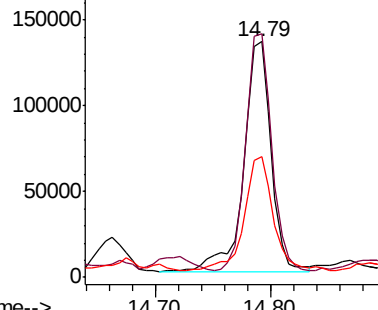
160 51.3 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.28 min Scan# 2209

Delta R.T. 0.01 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

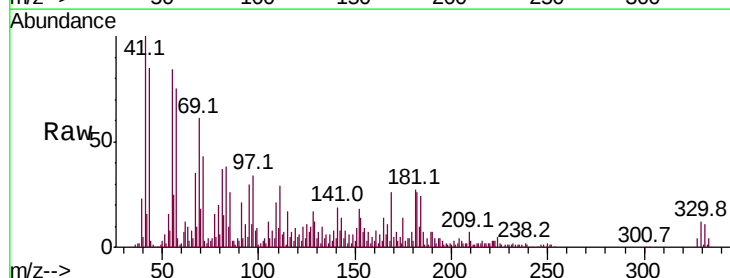
Tgt Ion:330 Resp: 41273

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

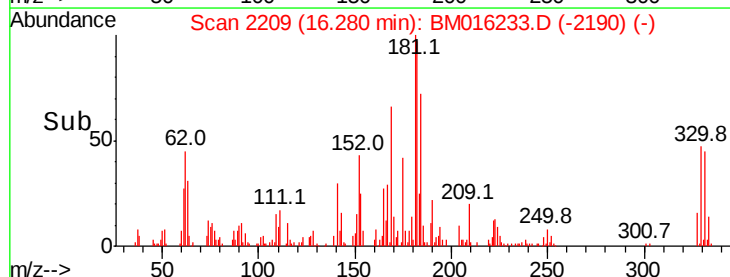
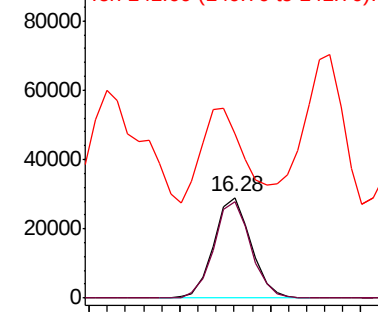
141 105.5 0.0 0.0#

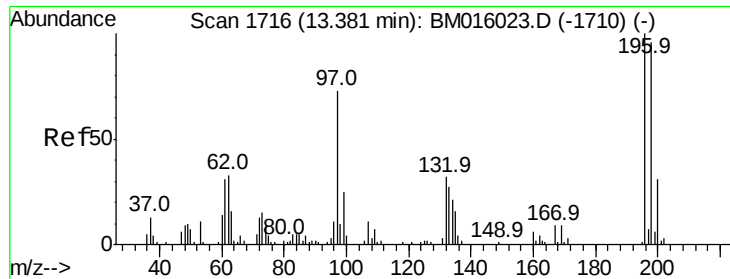


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

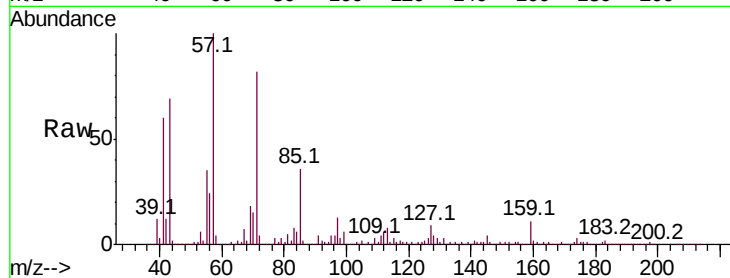




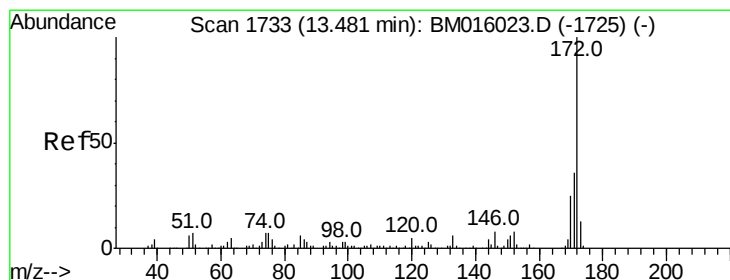
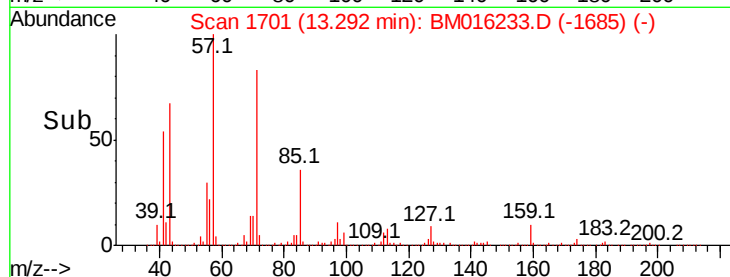
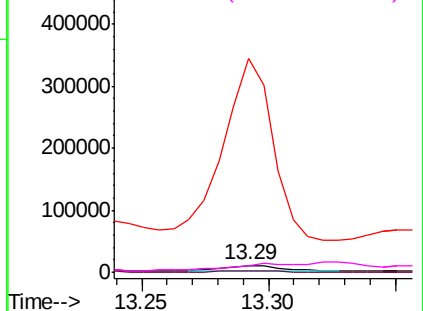
#43
2,4,5-Trichlorophenol
Concen: 2.654 ng
RT: 13.29 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampled :

Tot Ion:196 Resp: 12855
Ion Ratio Lower Upper
196 100
198 28.2 79.4 119.0#
97 3288.6 26.8 40.2#
132 105.9 18.6 28.0#

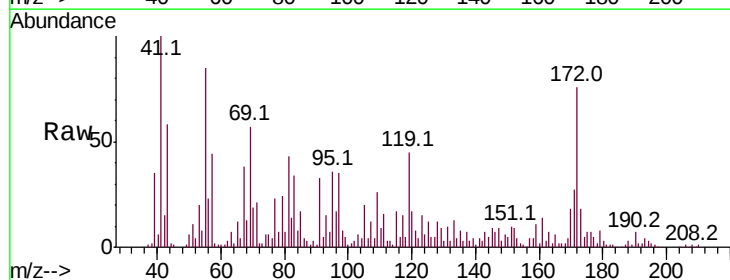


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM0
Ion 132.00 (131.70 to 132.70): E

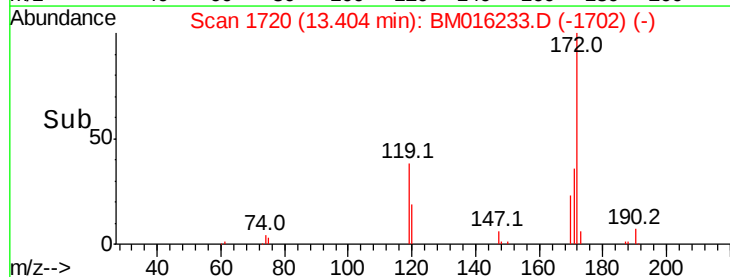
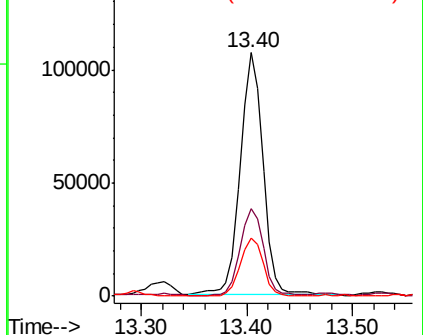


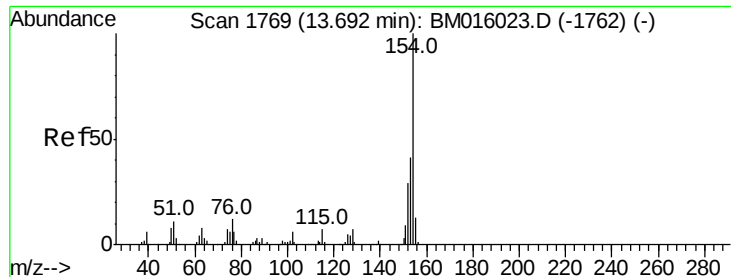
#44
2-Fluorobiphenyl
Concen: 2.654 ng
RT: 13.40 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:172 Resp: 160452
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.832 ng

RT: 13.62 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampleId :

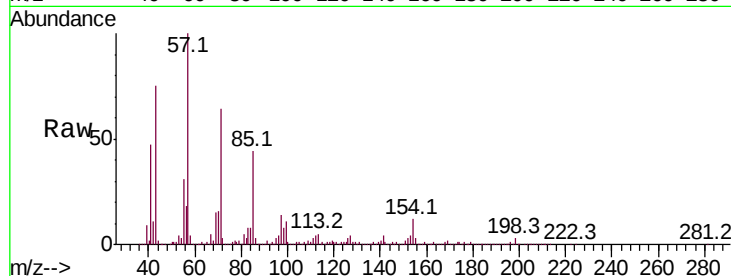
Tot Ion:154 Resp: 812236

Ion Ratio Lower Upper

154 100

153 37.8 20.7 60.7

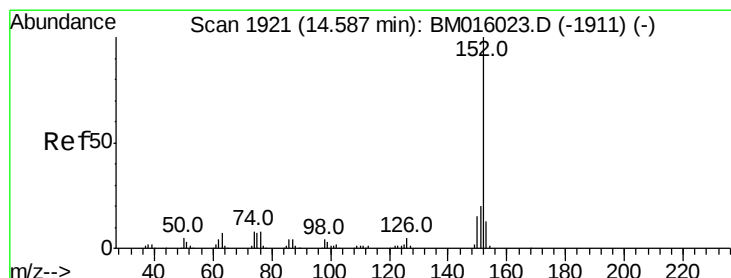
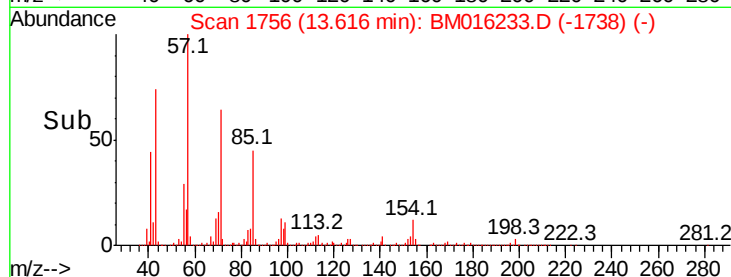
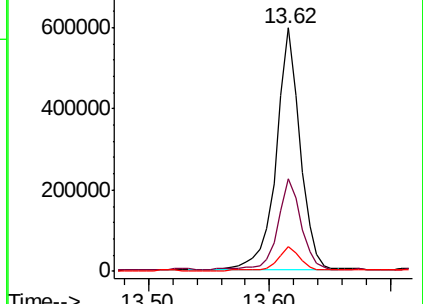
76 10.1 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#48

Acenaphthylene

Concen: 3.279 ng

RT: 14.52 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

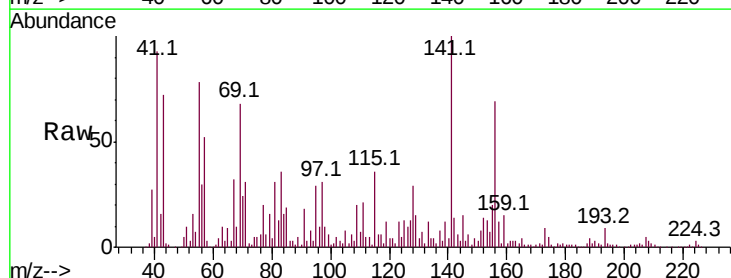
Tgt Ion:152 Resp: 74259

Ion Ratio Lower Upper

152 100

151 60.0 15.9 23.9#

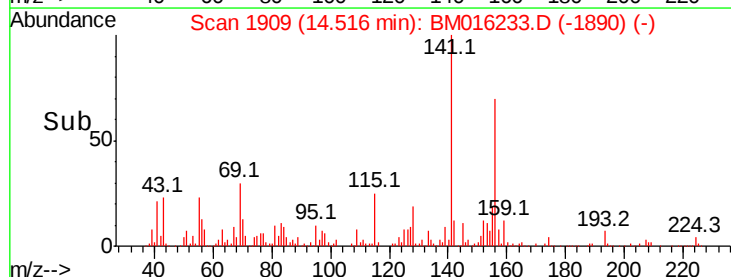
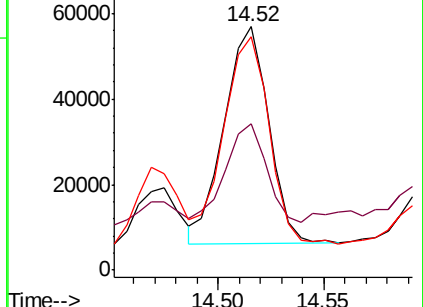
153 96.0 10.6 16.0#

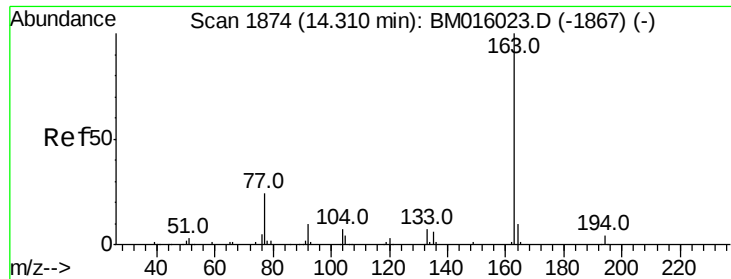


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 2.710 ng

RT: 14.24 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampled :

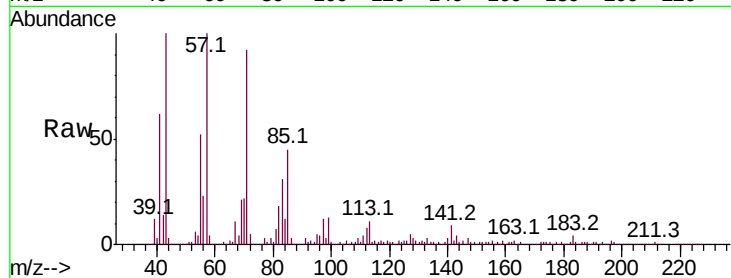
Tot Ion:163 Resp: 52279

Ion Ratio Lower Upper

163 100

194 16.9 2.7 4.1#

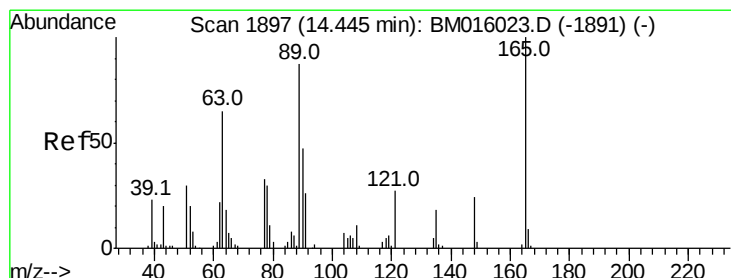
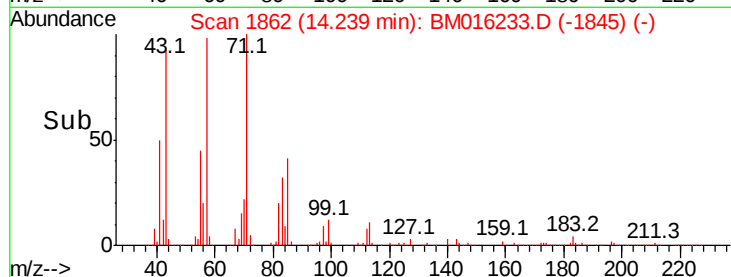
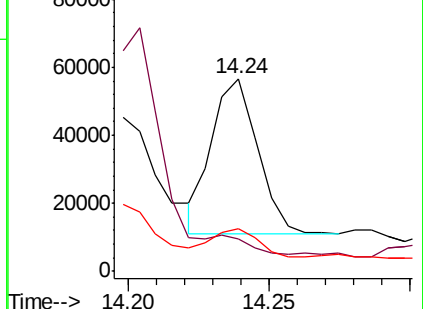
164 22.3 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 4.704 ng

RT: 14.35 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

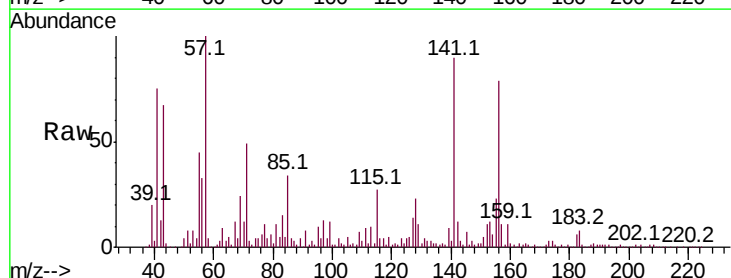
Tgt Ion:165 Resp: 18256

Ion Ratio Lower Upper

165 100

63 511.5 44.1 66.1#

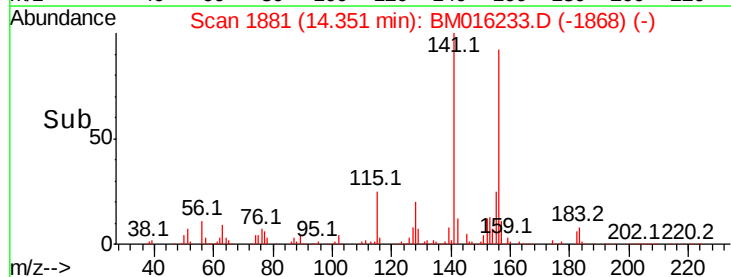
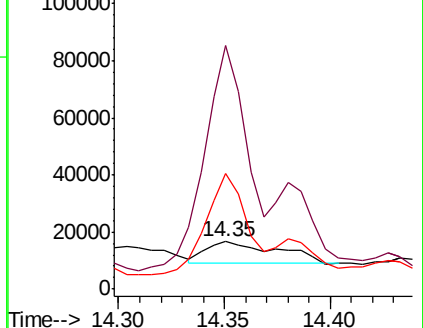
89 242.4 44.3 66.5#

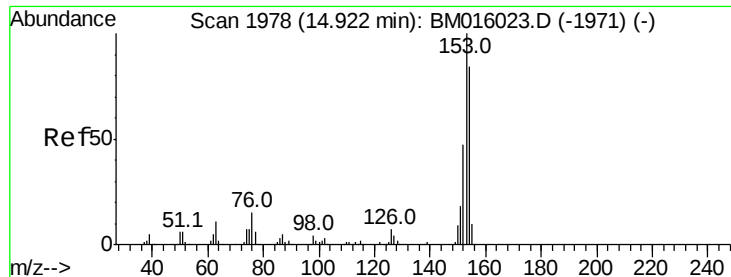


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 6.966 ng

RT: 14.86 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampleId :

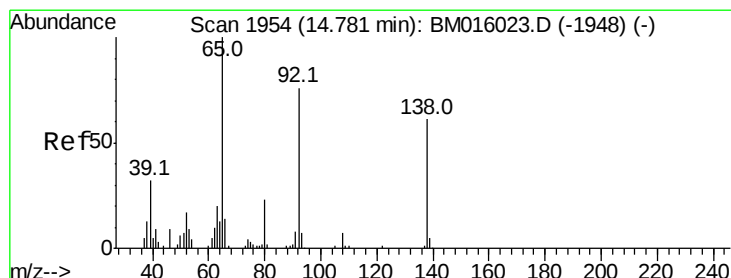
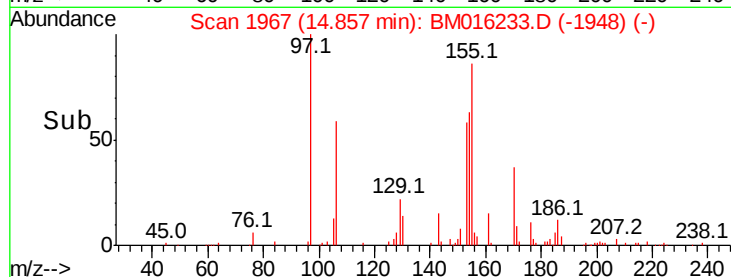
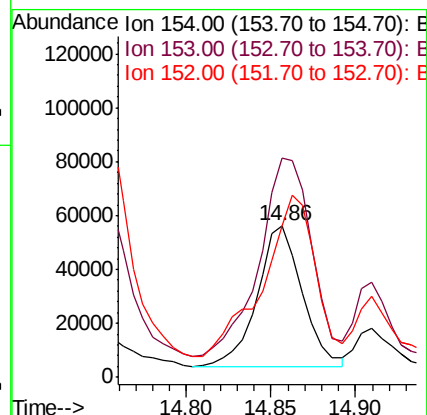
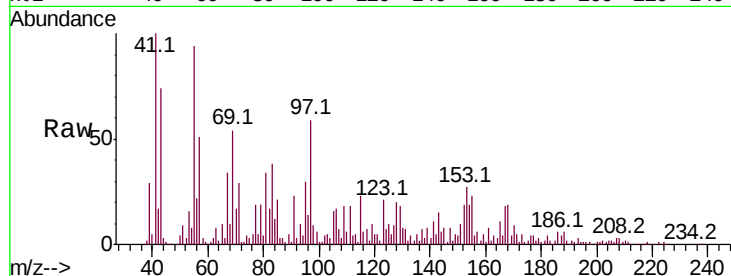
Tot Ion:154 Resp: 97030

Ion Ratio Lower Upper

154 100

153 144.7 90.0 135.0#

152 100.4 42.6 63.8#



#52

3-Nitroaniline

Concen: 6.211 ng

RT: 14.73 min Scan# 1946

Delta R.T. 0.02 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

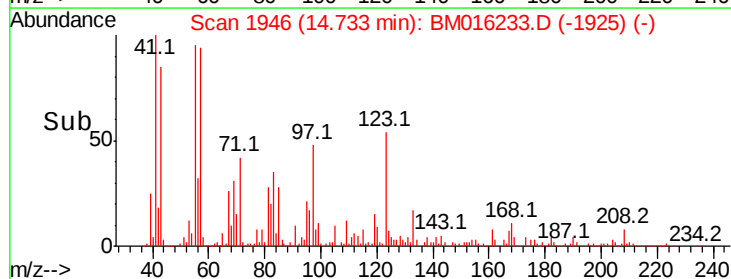
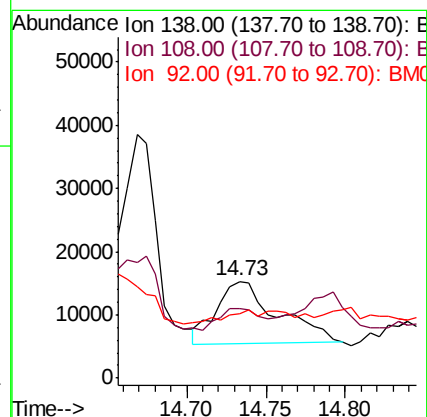
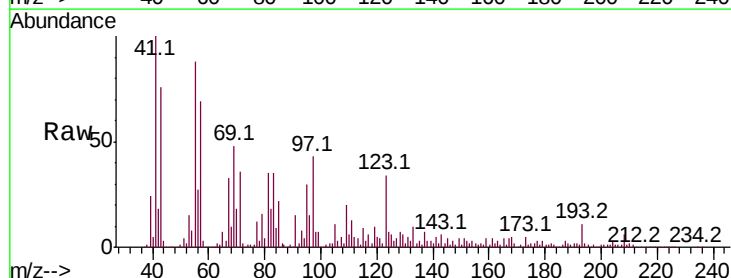
Tgt Ion:138 Resp: 26038

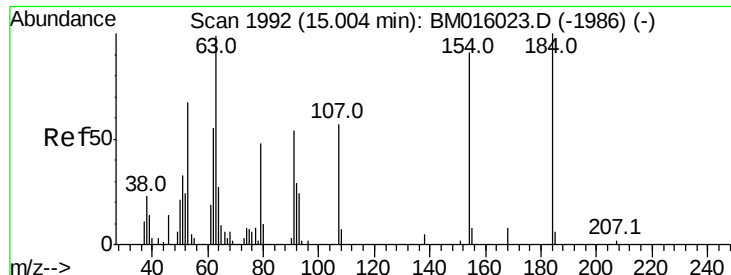
Ion Ratio Lower Upper

138 100

108 71.6 7.3 10.9#

92 66.0 76.6 114.8#

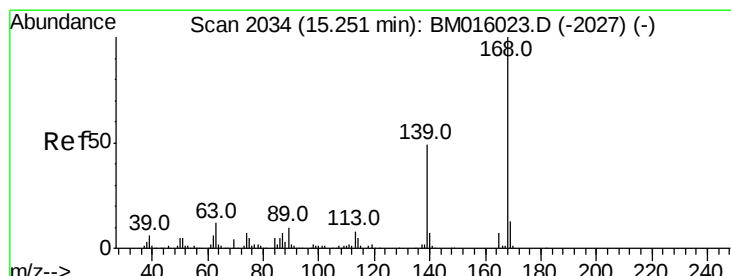
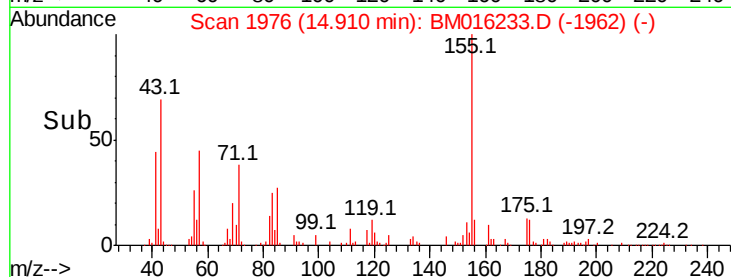
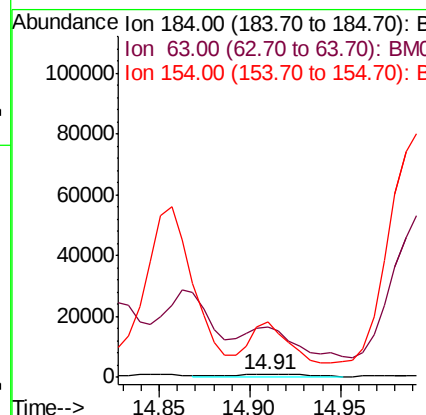
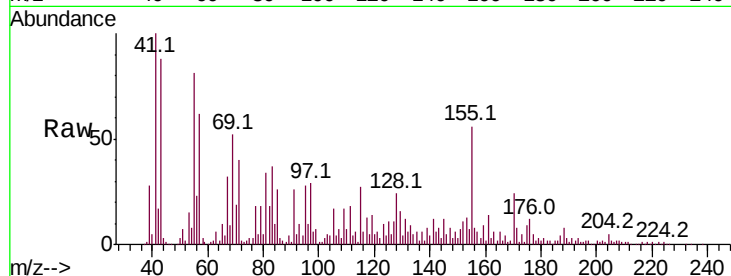




#53
2,4-Dinitrophenol
Concen: 7.873 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

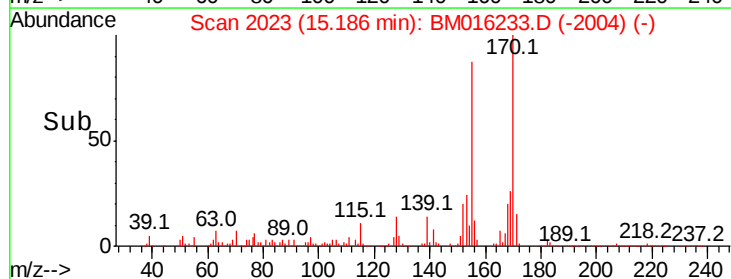
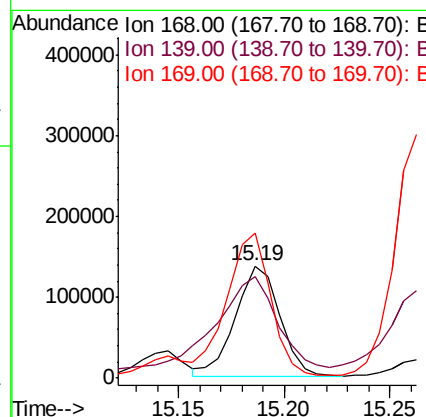
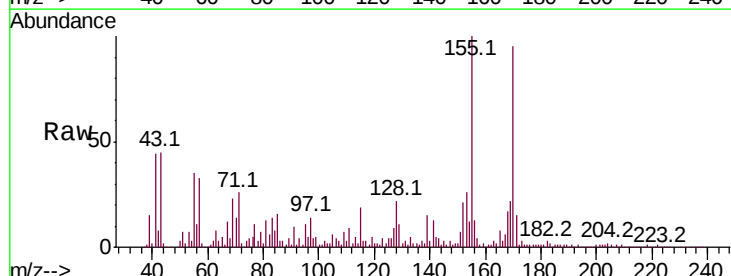
Instrument :
BNA_M
ClientSampled :

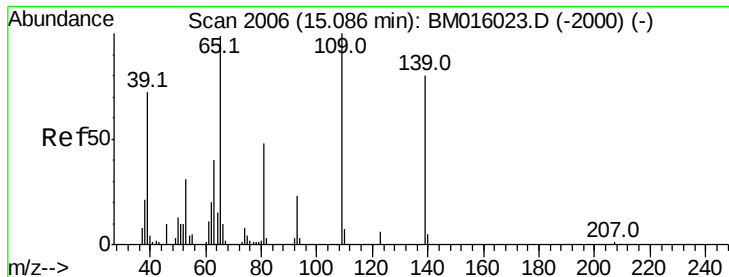
Tot Ion:184 Resp: 3166
Ion Ratio Lower Upper
184 100
63 1760.9 69.2 103.8#
154 1934.5 53.3 79.9#



#54
Dibenzofuran
Concen: 8.542 ng
RT: 15.19 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:168 Resp: 196086
Ion Ratio Lower Upper
168 100
139 90.5 27.3 40.9#
169 130.0 10.6 16.0#





#55

4-Nitrophenol

Concen: 58.256 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampled :

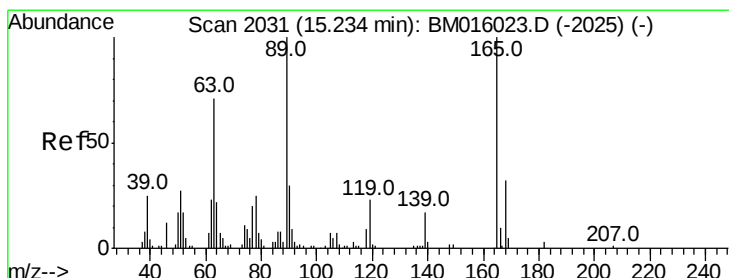
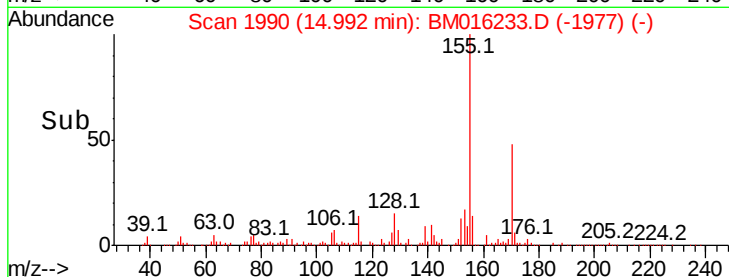
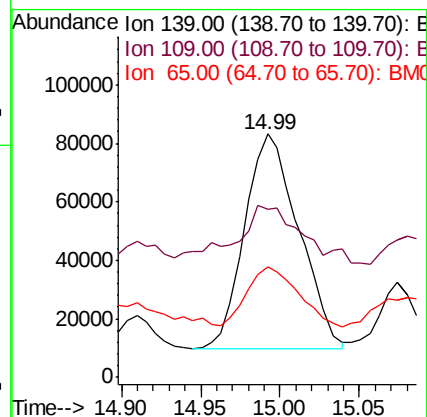
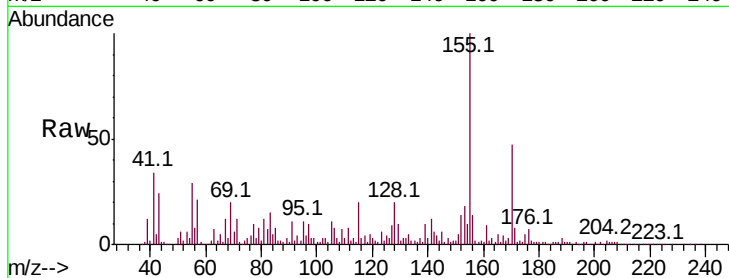
Tot Ion:139 Resp: 175073

Ion Ratio Lower Upper

139 100

109 68.8 130.0 170.0#

65 45.6 130.0 170.0#



#56

2,4-Dinitrotoluene

Concen: 15.153 ng

RT: 15.19 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Tgt Ion:165 Resp: 84096

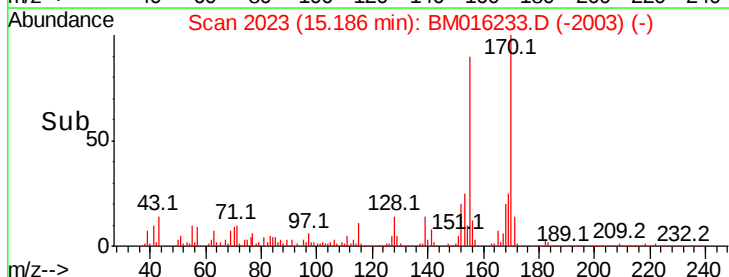
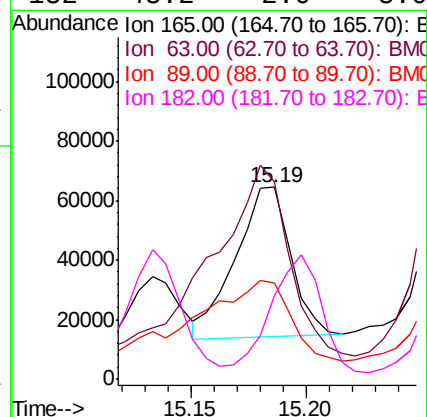
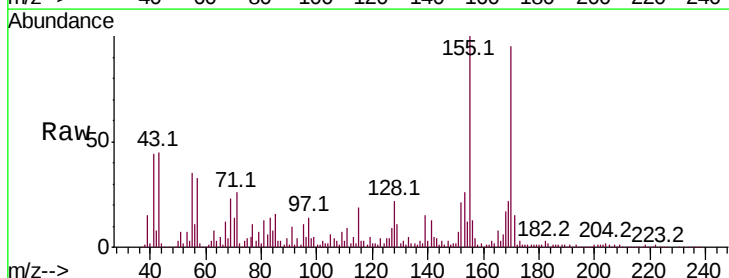
Ion Ratio Lower Upper

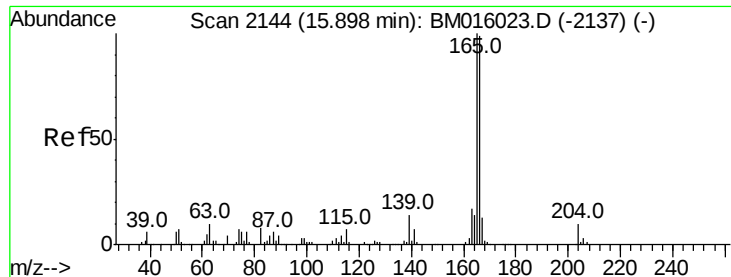
165 100

63 102.8 52.4 78.6#

89 50.0 72.4 108.6#

182 43.2 2.0 3.0#

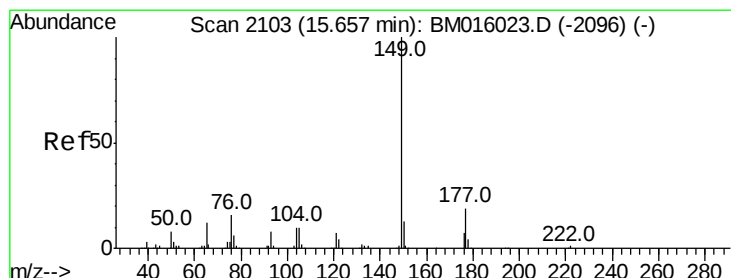
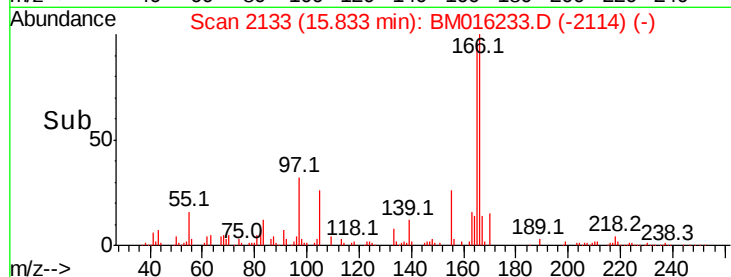
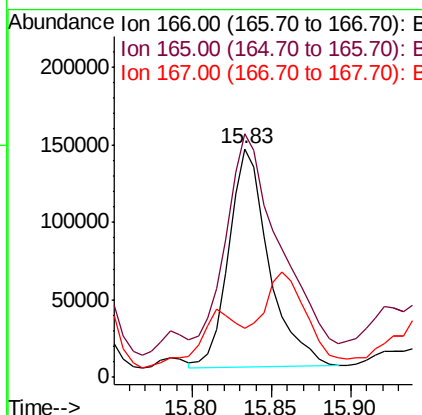
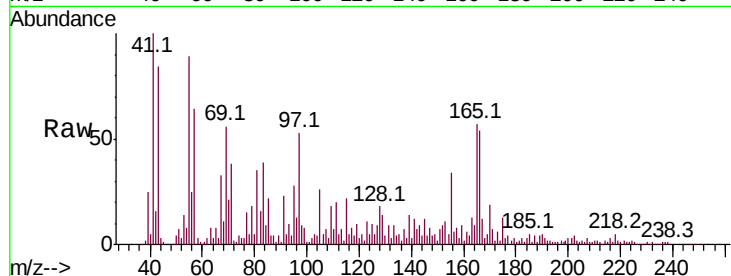




#57
Fluorene
 Concen: 14.454 ng
 RT: 15.83 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

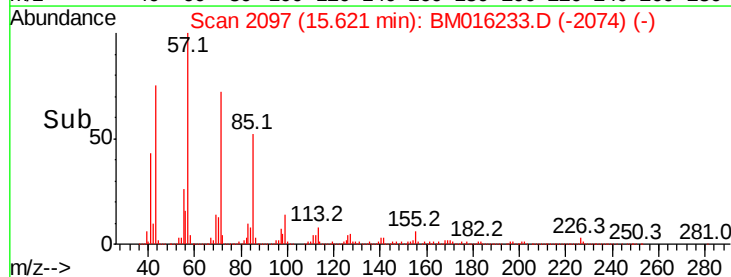
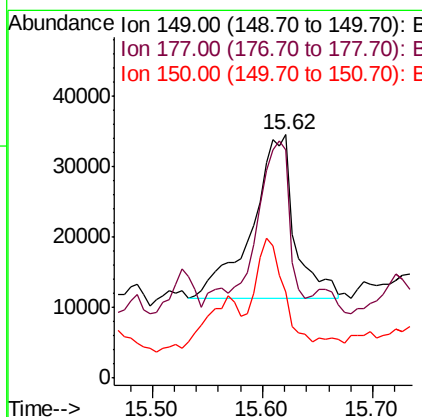
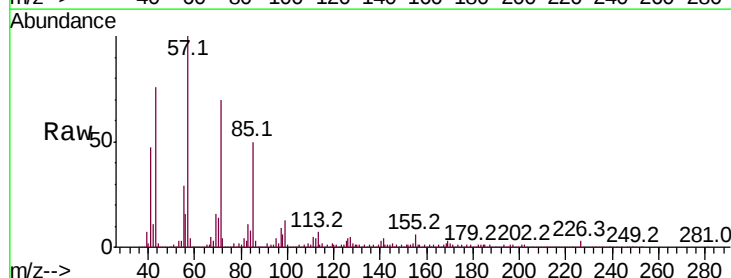
Instrument :
 BNA_M
 ClientSampleId :

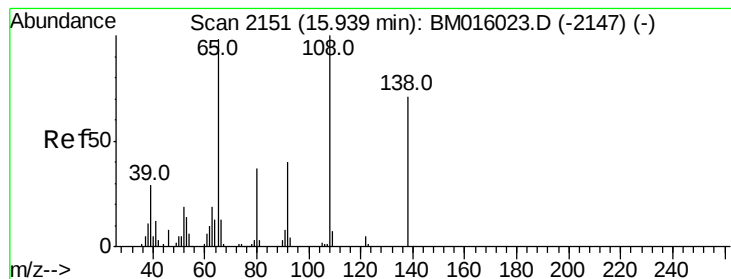
Tot Ion	Ratio	Lower	Upper
166	100		
165	106.4	79.0	118.4
167	21.5	10.3	15.5



#59
Diethylphthalate
 Concen: 3.050 ng
 RT: 15.62 min Scan# 2097
 Delta R.T. 0.04 min
 Lab File: BM016233.D
 Acq: 08 Aug 2018 01:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	94.0	18.3	27.5
150	35.6	9.8	14.8





#61

4-Nitroaniline

Concen: 2.123 ng

RT: 15.87 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampled :

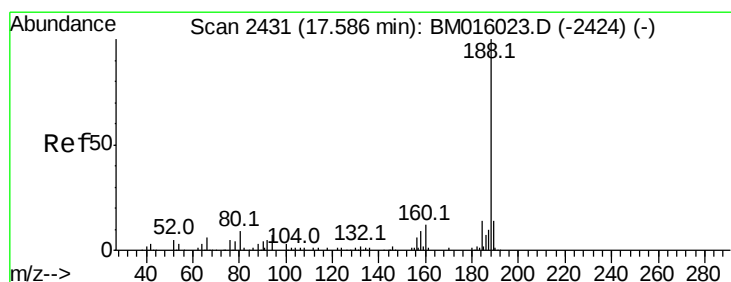
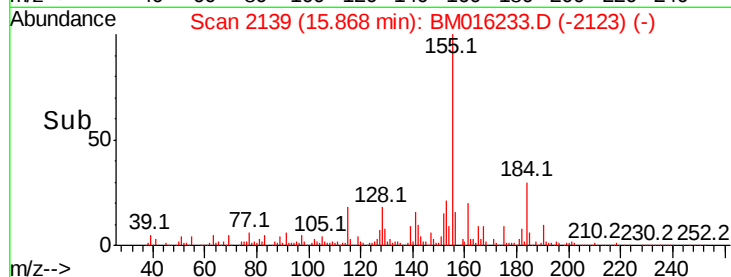
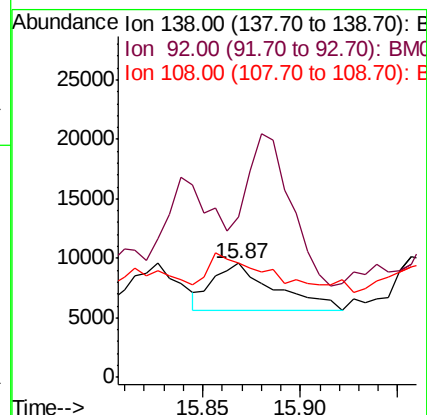
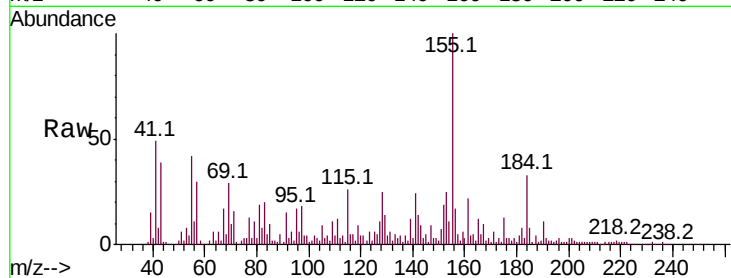
Tot Ion:138 Resp: 8539

Ion Ratio Lower Upper

138 100

92 141.5 16.7 56.7#

108 100.3 37.6 77.6#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2421

Delta R.T. 0.02 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

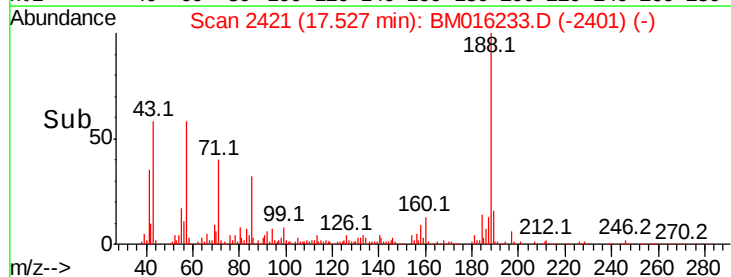
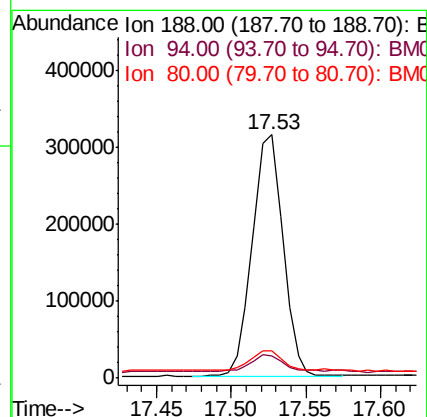
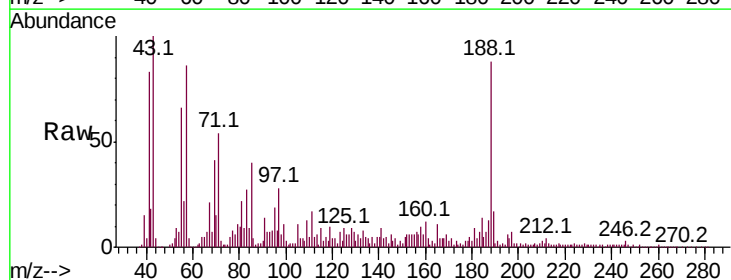
Tgt Ion:188 Resp: 447978

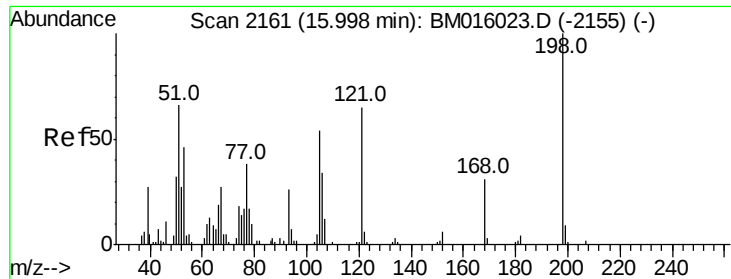
Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

80 11.1 9.3 13.9

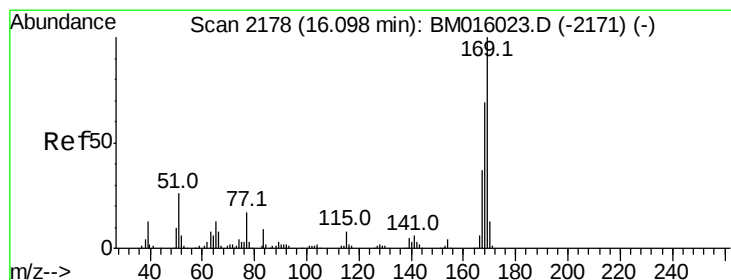
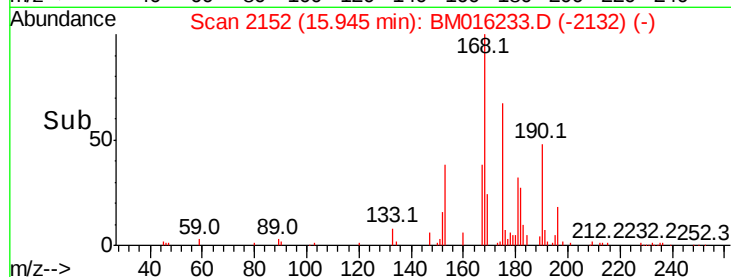
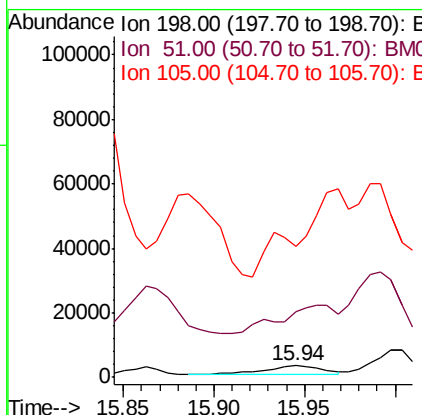
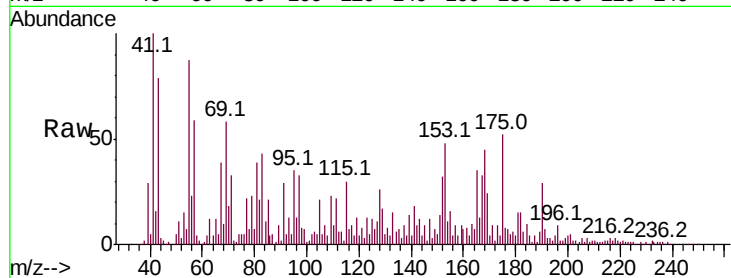




#64
4,6-Dinitro-2-methylphenol
Concen: 2.359 ng
RT: 15.94 min Scan# 2152
Delta R.T. 0.02 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

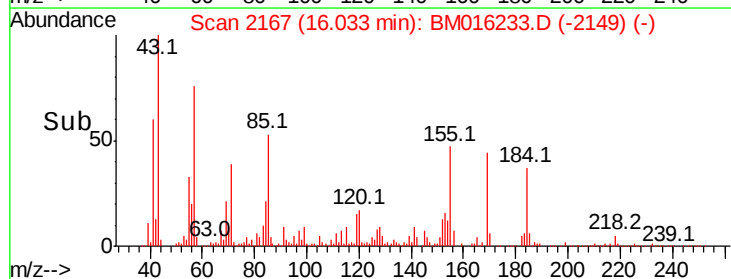
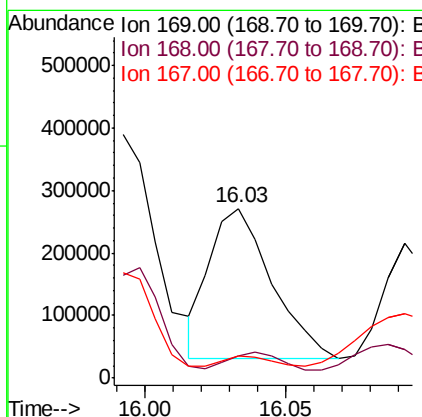
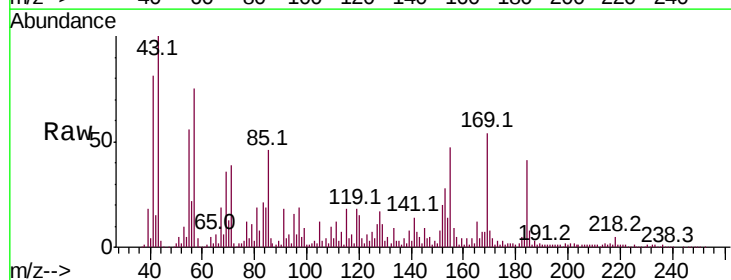
Instrument :
BNA_M
ClientSampleId :

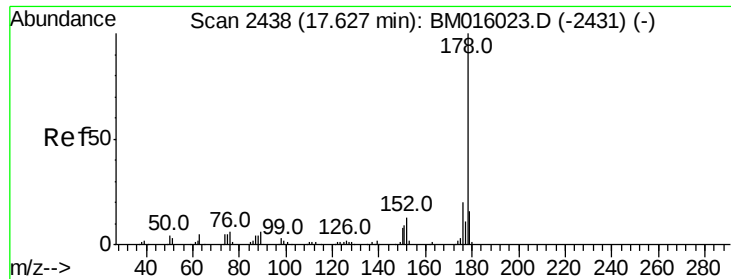
Tot Ion:198 Resp: 6414
Ion Ratio Lower Upper
198 100
51 567.2 28.8 68.8#
105 1119.2 30.5 70.5#



#65
n-Nitrosodiphenylamine
Concen: 24.705 ng
RT: 16.03 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Tgt Ion:169 Resp: 364429
Ion Ratio Lower Upper
169 100
168 13.2 53.9 80.9#
167 12.7 28.9 43.3#





#70

Phenanthrene

Concen: 39.684 ng

RT: 17.57 min Scan# 2428

Delta R.T. 0.01 min

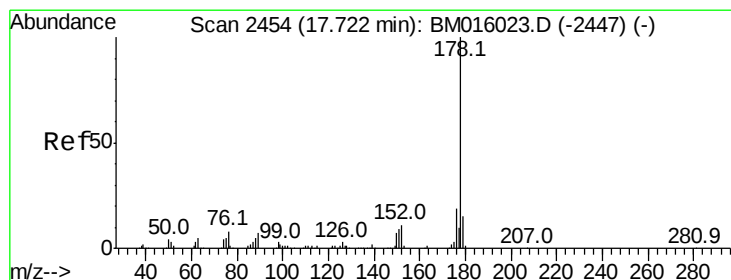
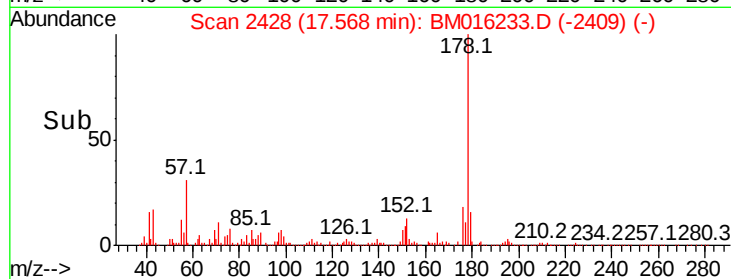
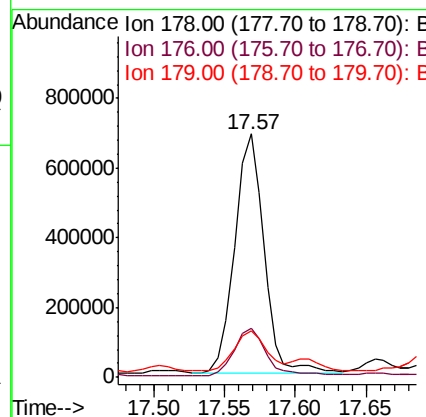
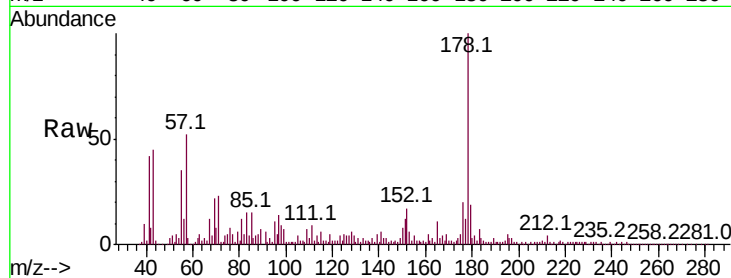
Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 995301

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	19.0	12.1	18.1#



#71

Anthracene

Concen: 2.074 ng

RT: 17.66 min Scan# 2443

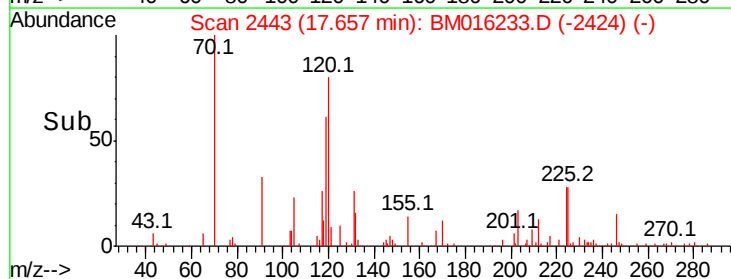
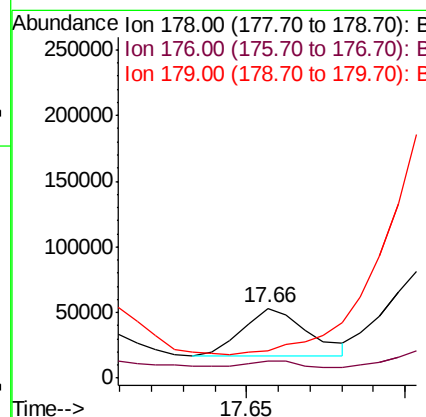
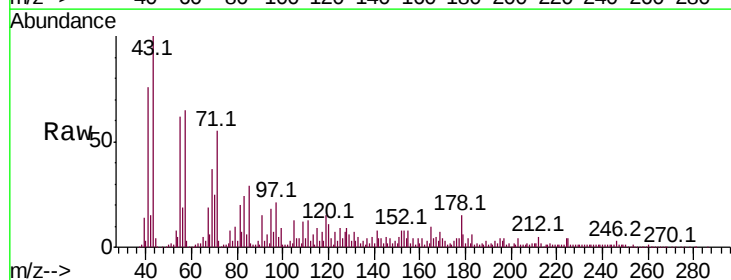
Delta R.T. 0.01 min

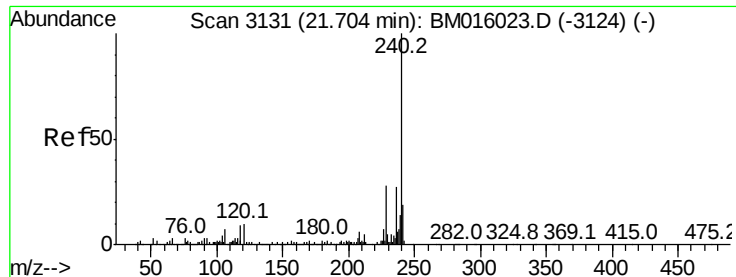
Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Tgt Ion:178 Resp: 50549

Ion	Ratio	Lower	Upper
178	100		
176	24.0	14.6	22.0#
179	39.5	12.6	19.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

Instrument :

BNA_M

ClientSampleId :

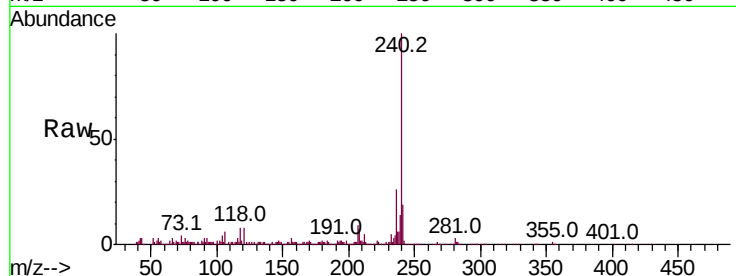
Tot Ion:240 Resp: 332824

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

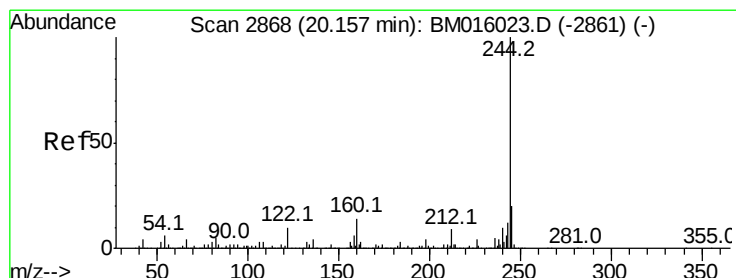
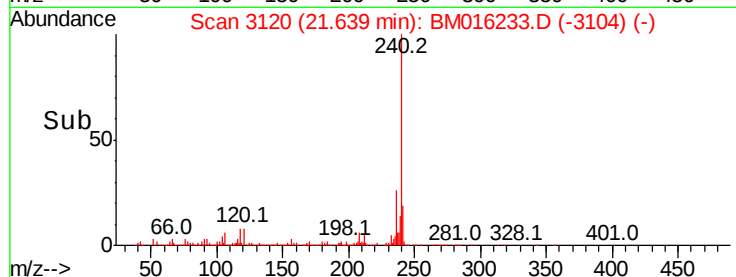
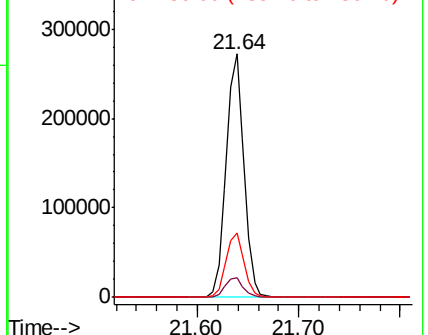
236 26.5 20.0 30.0



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



#78

Terphenyl-d14

Concen: Below ng

RT: 20.09 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM016233.D

Acq: 08 Aug 2018 01:07

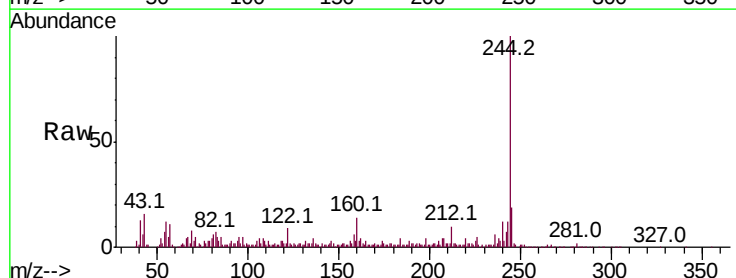
Tgt Ion:244 Resp: 224101

Ion Ratio Lower Upper

244 100

212 10.4 4.9 7.3#

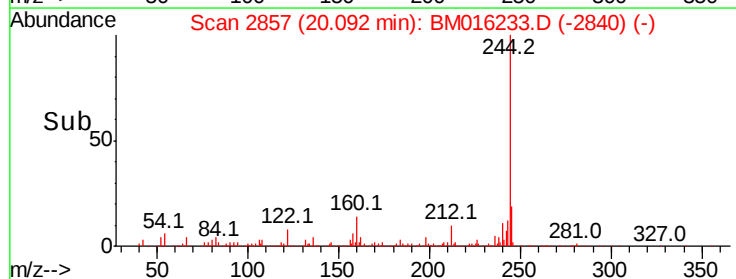
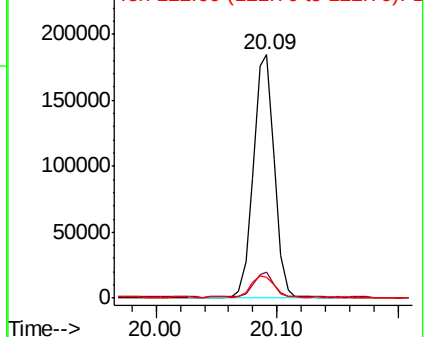
122 8.8 6.2 9.4

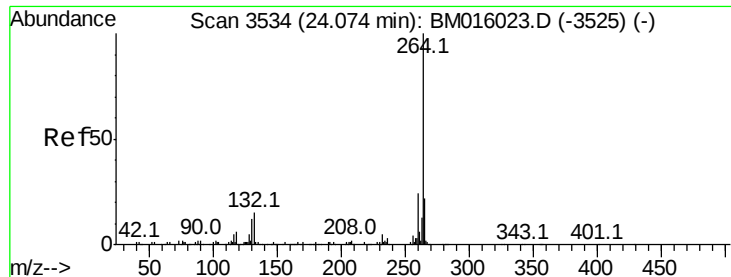


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

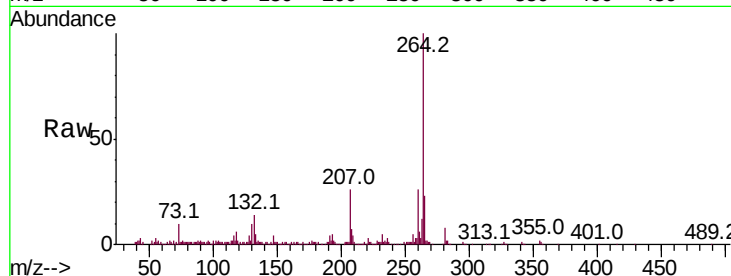




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM016233.D
Acq: 08 Aug 2018 01:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	27.8
265	23.0	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

