

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018334.D
 Acq On : 20 Dec 2018 17:32
 Operator : JU/SJ
 Sample : J6426-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013A-3036-01

Quant Time: Dec 21 01:25:43 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	170768	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	748632	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	409554	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	788561	20.00	ng	0.00
76) Chrysene-d12	21.14	240	673050	20.00	ng	0.00
87) Perylene-d12	23.30	264	693916	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	1546338	151.27	ng	0.05
7) Phenol-d6	6.70	99	2050028	144.28	ng	0.00
23) Nitrobenzene-d5	8.65	82	1273947	87.29	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	775048	128.94	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	2783748	88.04	ng	-0.01
79) Terphenyl-d14	19.57	244	3129107	105.15	ng	0.00

Target Compounds

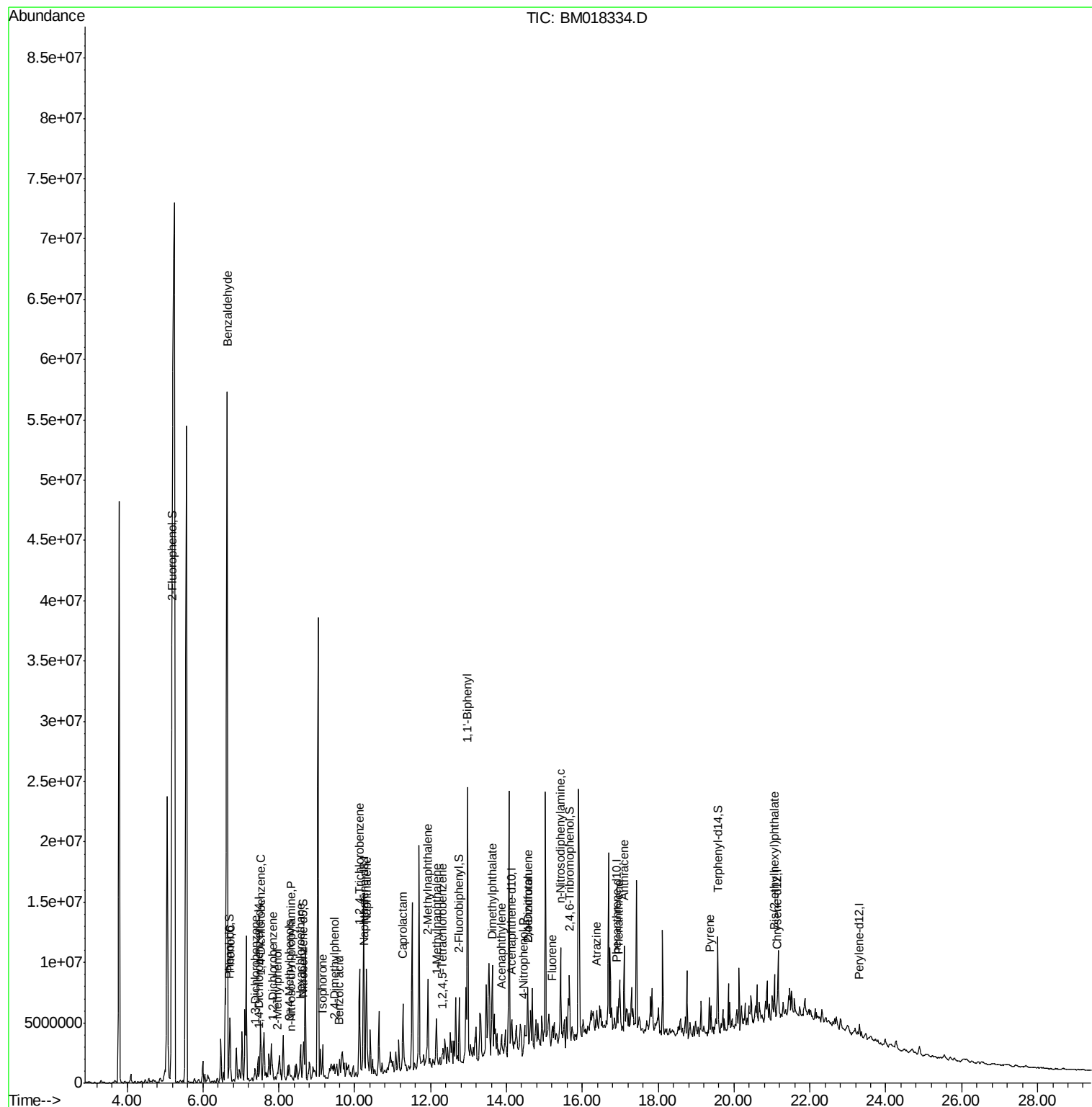
						Qvalue
9) Benzaldehyde	6.65	77	226870	26.195	ng	# 1
10) Phenol	6.72	94	204545	13.593	ng	# 58
12) 1,3-Dichlorobenzene	7.37	146	180351	13.372	ng	96
13) 1,4-Dichlorobenzene	7.52	146	1348802	98.481	ng	99
14) 1,2-Dichlorobenzene	7.83	146	396779	30.052	ng	97
17) 2-Methylphenol	7.95	107	39114	3.893	ng	# 74
18) Hexachloroethane	8.57	117	183629	36.579	ng	# 1
19) n-Nitroso-di-n-propylamine	8.33	70	49556	4.671	ng	# 67
20) 3+4-Methylphenols	8.27	107	71504	5.079	ng	# 1
25) Isophorone	9.17	82	92551	3.809	ng	# 1
27) 2,4-Dimethylphenol	9.46	122	55985	5.431	ng	# 79
30) 1,2,4-Trichlorobenzene	10.13	180	2666998	205.141	ng	94
31) Naphthalene	10.31	128	5829228	159.241	ng	100
32) Benzoic acid	9.58	122	29444	3.016	ng	# 77
35) Caprolactam	11.27	113	224378	51.520	ng	# 32
37) 2-Methylnaphthalene	11.93	142	3312008	128.296	ng	98
38) 1-Methylnaphthalene	12.16	142	1757186	69.756	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	103882	7.376	ng	# 72
46) 1,1'-Biphenyl	12.97	154	1088744	29.549	ng	99
49) Acenaphthylene	13.87	152	91246	2.233	ng	# 2
50) Dimethylphthalate	13.62	163	256572	7.535	ng	# 95
55) Dibenzofuran	14.56	168	234107	5.834	ng	# 5
56) 4-Nitrophenol	14.45	139	18294	3.063	ng	# 11
57) 2,4-Dinitrotoluene	14.56	165	64168	6.202	ng	# 61
58) Fluorene	15.21	166	211865	6.835	ng	# 79
66) n-Nitrosodiphenylamine	15.43	169	408358	15.660	ng	# 41
69) Atrazine	16.38	200	167807	19.062	ng	# 50
71) Phenanthrene	16.96	178	1336868	31.211	ng	97
72) Anthracene	17.11	178	95636	2.251	ng	# 1
78) Pyrene	19.36	202	163367	4.074	ng	# 91
84) Bis(2-ethylhexyl)phthalate	21.06	149	853007	30.000	ng	98

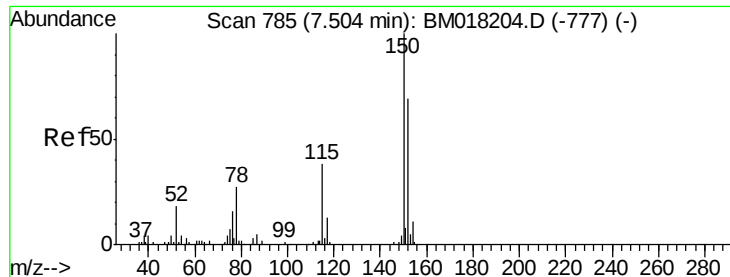
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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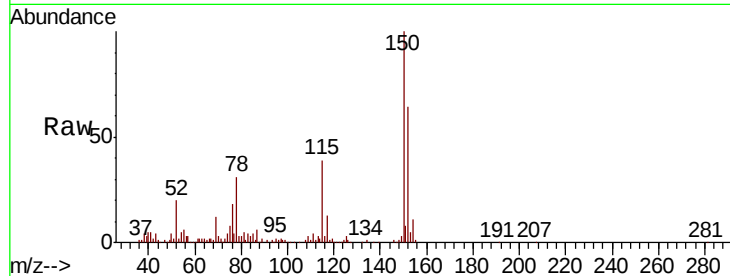


#1

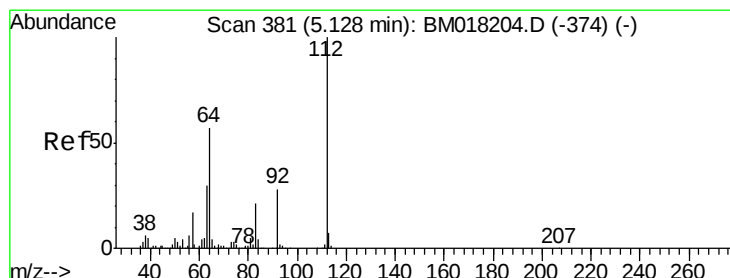
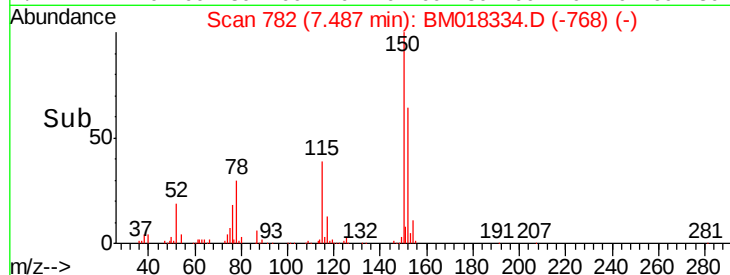
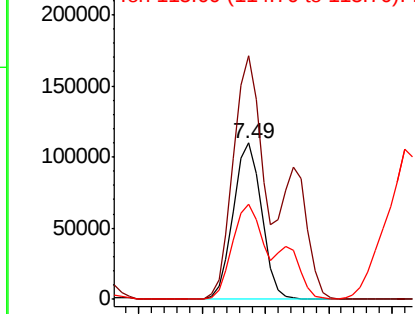
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

Tgt Ion:152 Resp: 170768
Ion Ratio Lower Upper
152 100
150 156.1 116.1 174.1
115 60.8 44.6 67.0



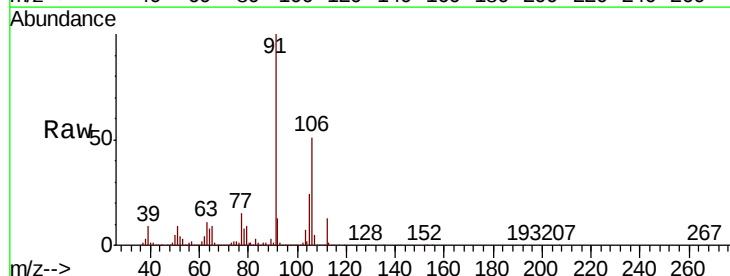
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



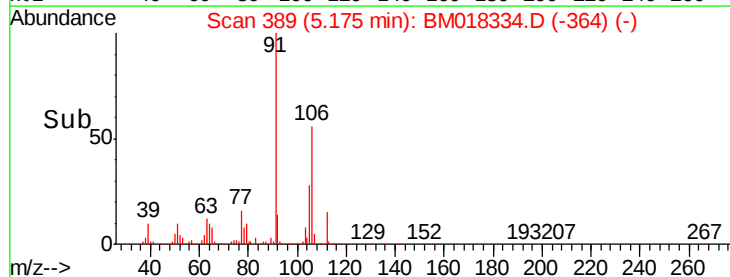
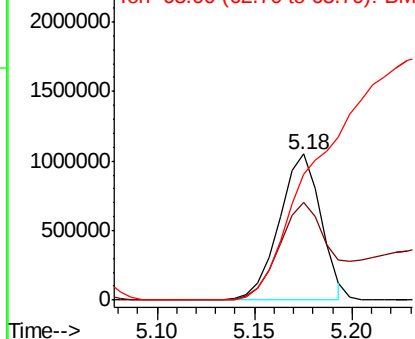
#5

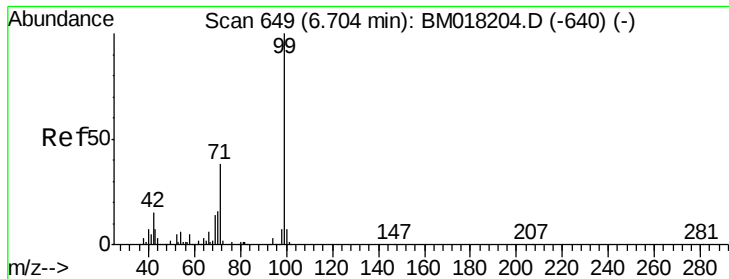
2-Fluorophenol
Concen: 151.266 ng
RT: 5.18 min Scan# 389
Delta R.T. 0.05 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion:112 Resp: 1546338
Ion Ratio Lower Upper
112 100
64 67.1 45.4 68.2
63 86.1 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: 144.280 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

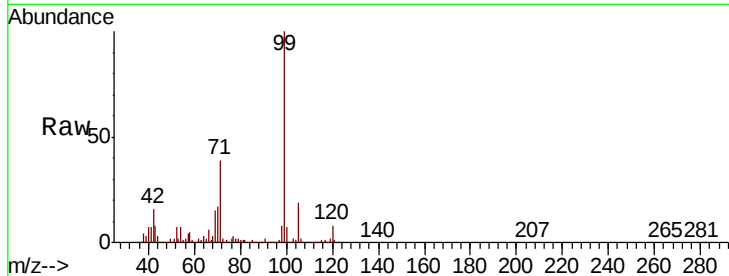
Tgt Ion: 99 Resp: 2050028

Ion Ratio Lower Upper

99 100

42 15.9 12.3 18.5

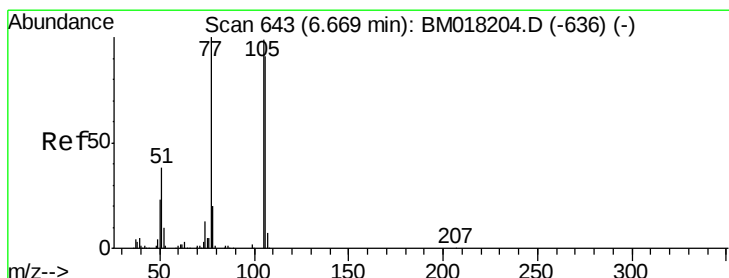
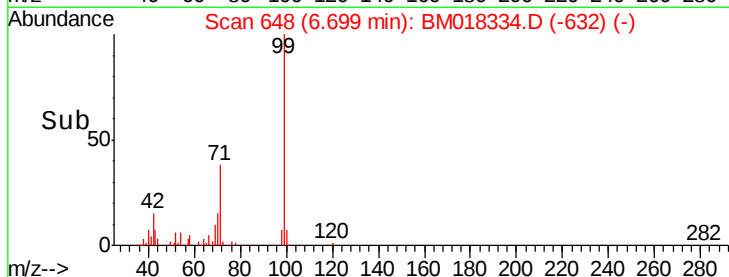
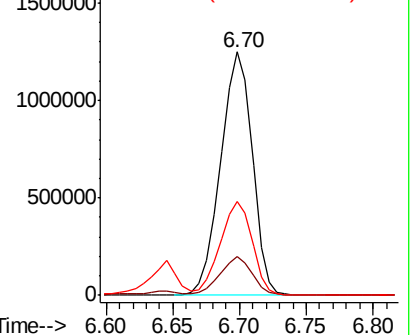
71 38.8 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018334.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM018334.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM018334.D (-640) (-)



#9

Benzaldehyde

Concen: 26.195 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

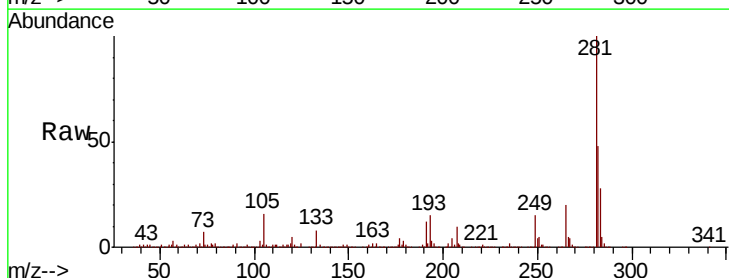
Tgt Ion: 77 Resp: 226870

Ion Ratio Lower Upper

77 100

105 825.2 78.8 118.8#

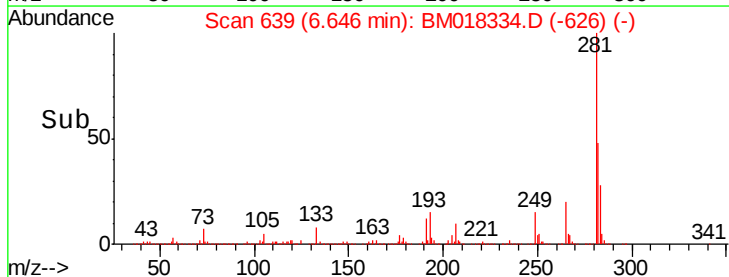
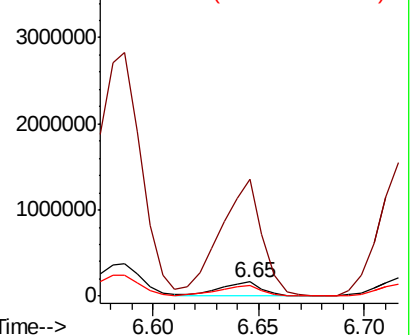
106 73.5 70.7 110.7

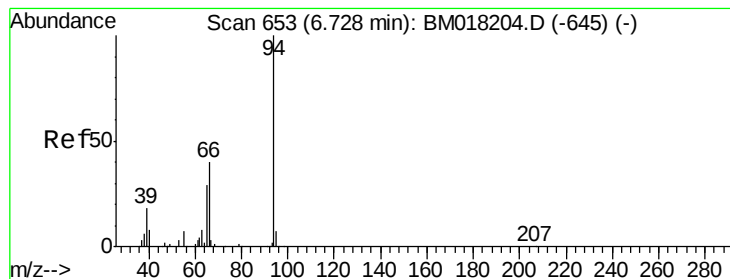


Abundance Ion 77.00 (76.70 to 77.70): BM018334.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM018334.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM018334.D (-626) (-)





#10

Phenol

Concen: 13.593 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

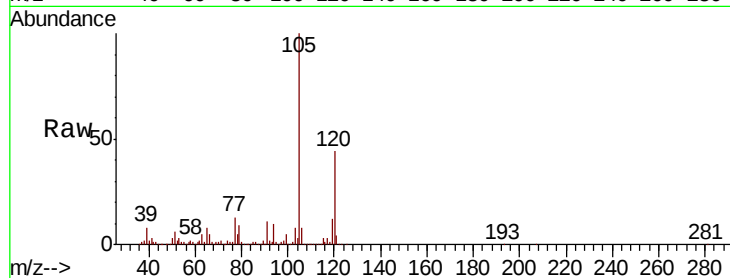
Tgt Ion: 94 Resp: 204545

Ion Ratio Lower Upper

94 100

65 76.1 9.5 49.5#

66 47.9 21.3 61.3

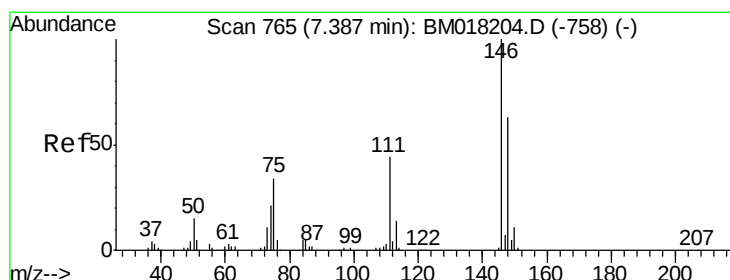
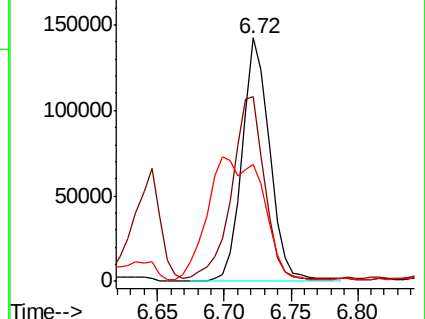
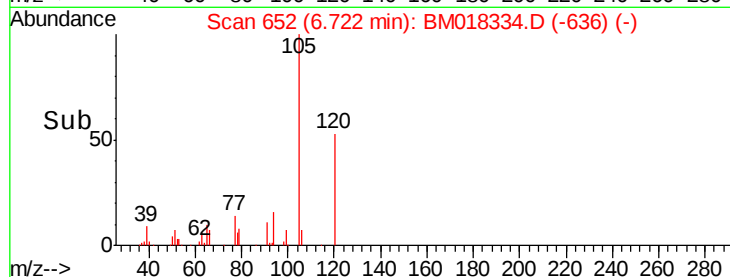


Abundance Ion 94.00 (93.70 to 94.70): BM018204.D (-645) (-)

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

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

Time-->



#12

1,3-Dichlorobenzene

Concen: 13.372 ng

RT: 7.37 min Scan# 763

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

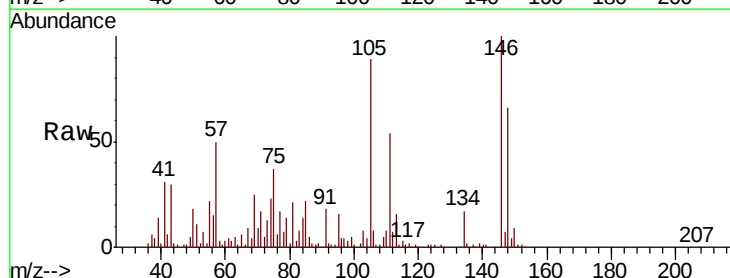
Tgt Ion: 146 Resp: 180351

Ion Ratio Lower Upper

146 100

148 65.7 50.6 76.0

75 37.3 27.0 40.4

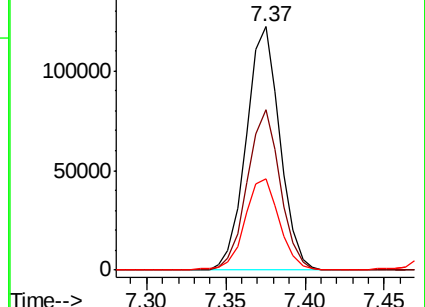
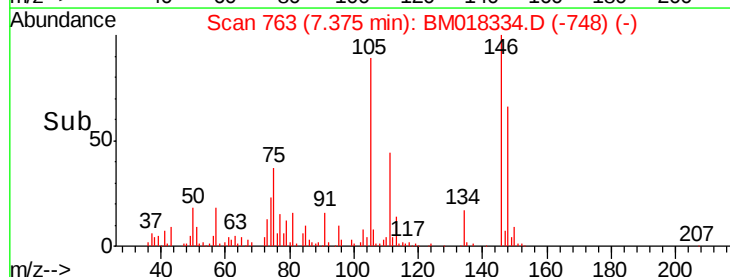


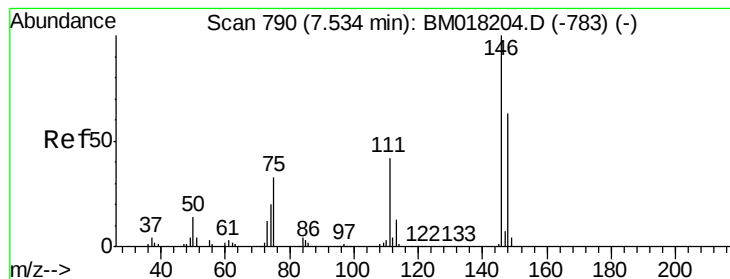
Abundance Ion 146.00 (145.70 to 146.70): BM018204.D (-758) (-)

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

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

Time-->





#13

1,4-Dichlorobenzene

Concen: 98.481 ng

RT: 7.52 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

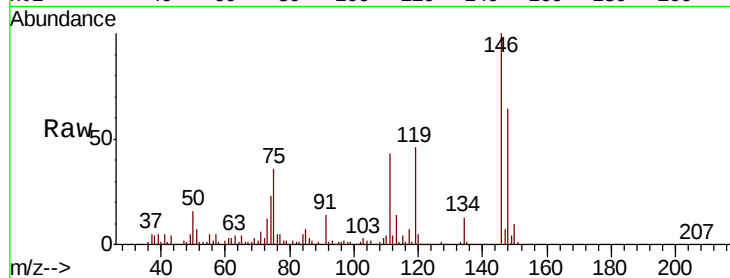
Tgt Ion:146 Resp: 1348802

Ion Ratio Lower Upper

146 100

148 64.4 50.7 76.1

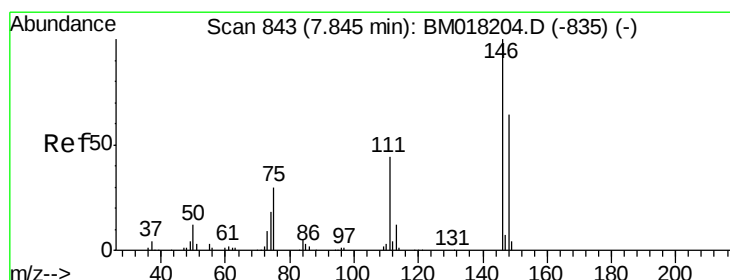
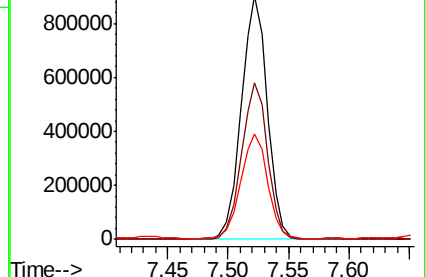
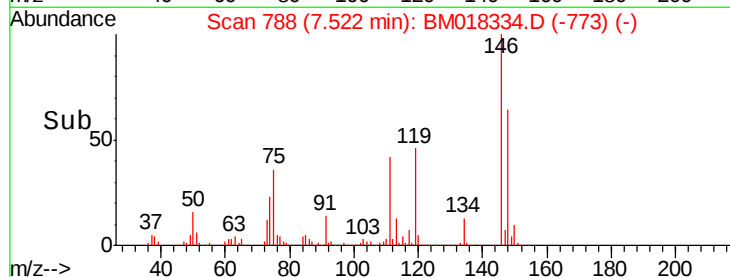
111 43.3 34.2 51.2



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: 30.052 ng

RT: 7.83 min Scan# 840

Delta R.T. -0.02 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

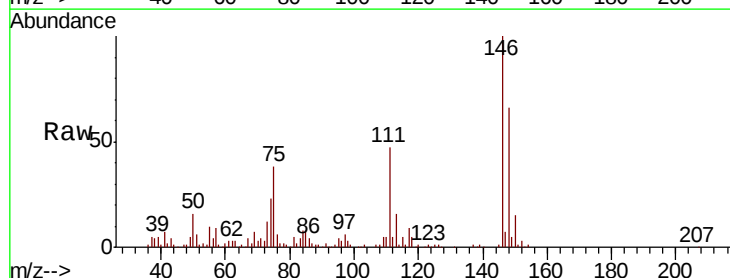
Tgt Ion:146 Resp: 396779

Ion Ratio Lower Upper

146 100

148 66.4 51.3 76.9

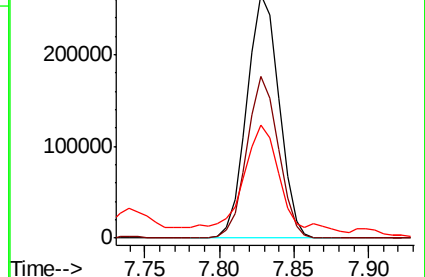
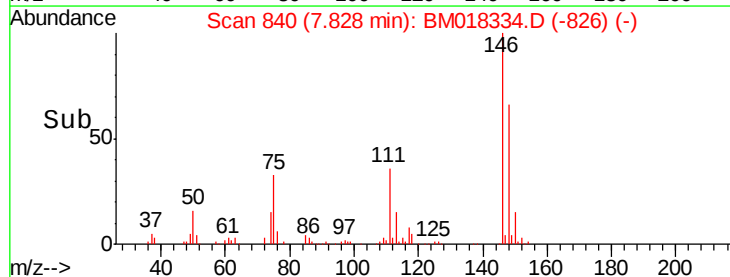
111 46.6 35.8 53.8

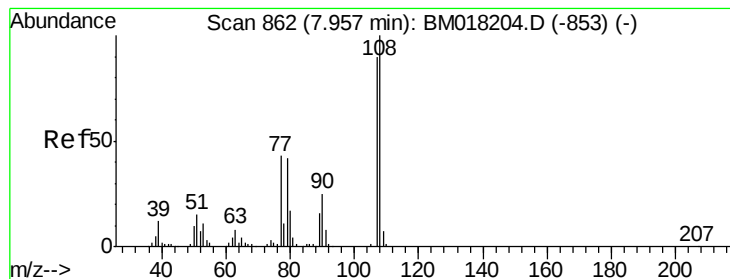


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#17

2-Methylphenol

Concen: 3.893 ng

RT: 7.95 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

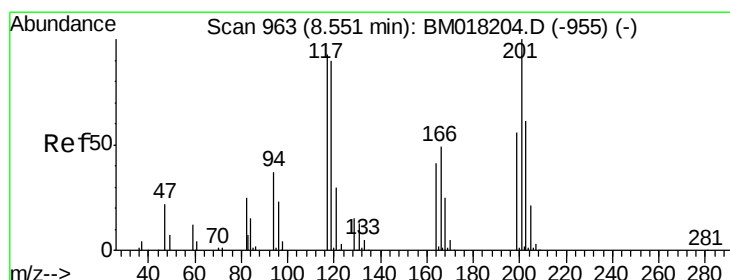
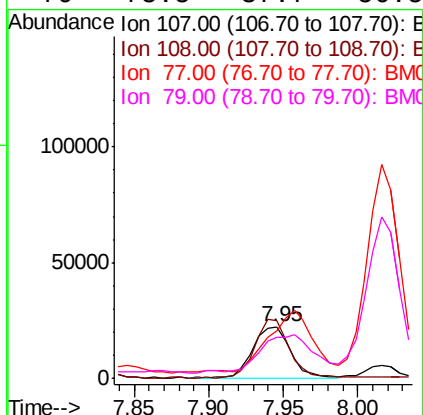
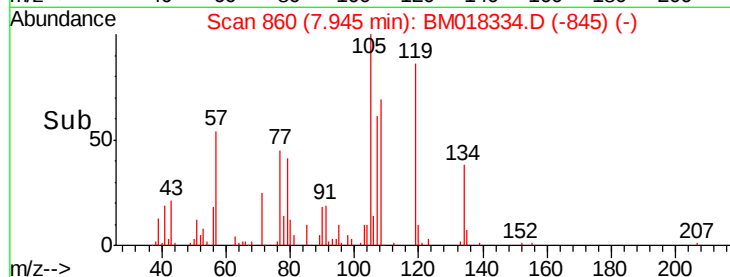
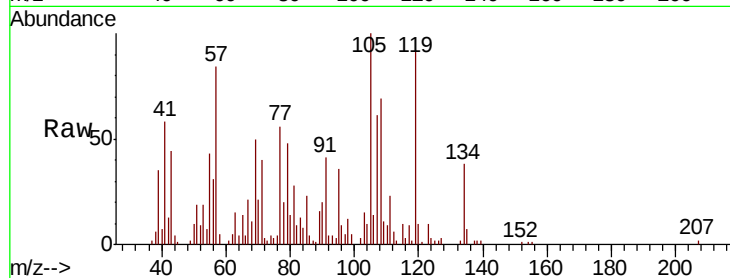
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	107	Resp:	39114
Ion	Ratio	Lower	Upper
107	100		
108	112.7	89.3	133.9
77	91.9	38.2	57.4#
79	78.5	37.7	56.5#



#18

Hexachloroethane

Concen: 36.579 ng

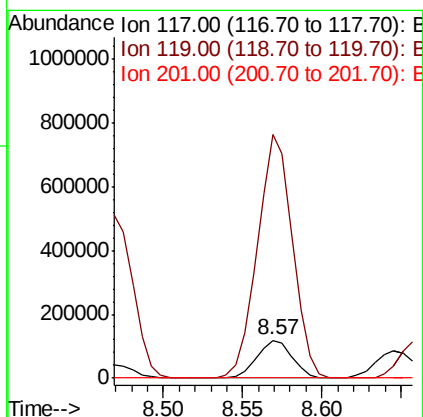
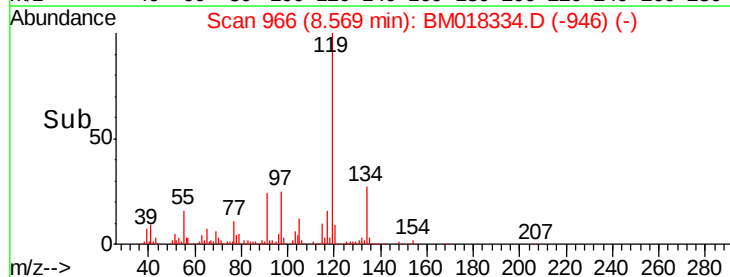
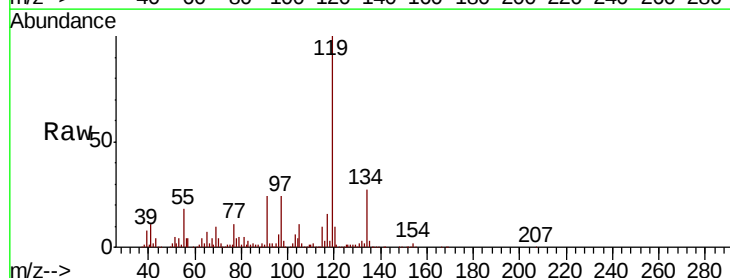
RT: 8.57 min Scan# 966

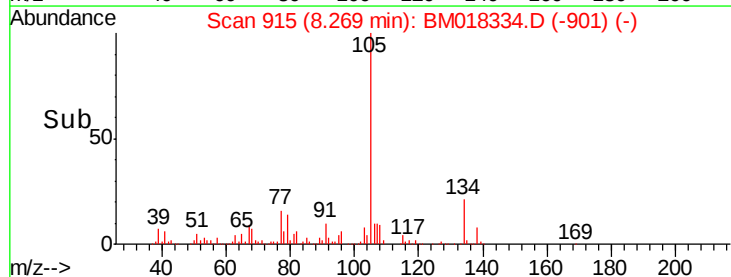
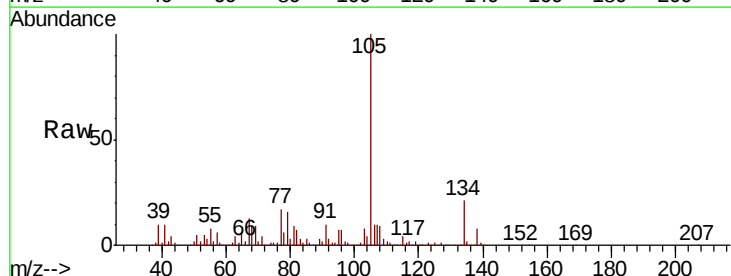
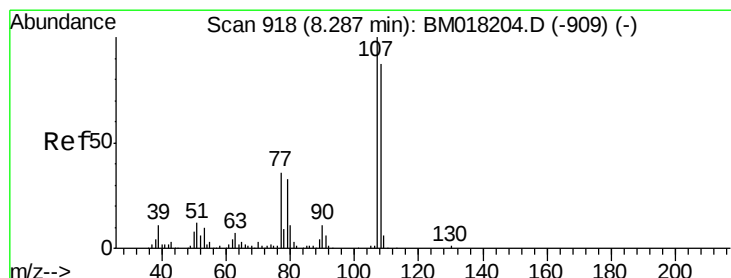
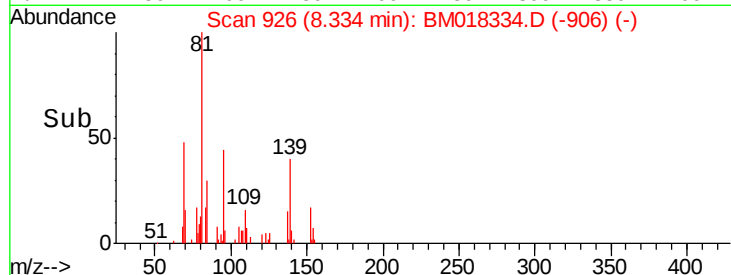
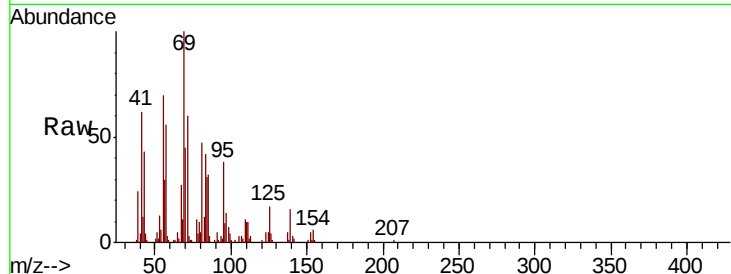
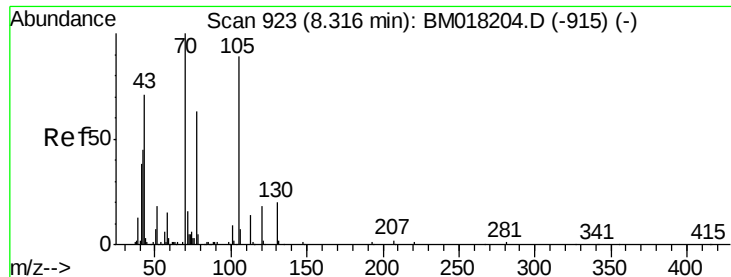
Delta R.T. 0.02 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Tgt Ion:	117	Resp:	183629
Ion	Ratio	Lower	Upper
117	100		
119	642.9	77.0	115.4#
201	0.0	85.7	128.5#

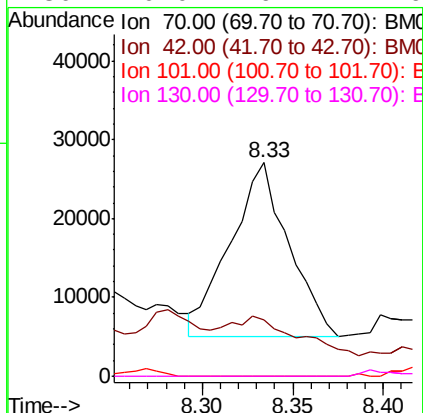




#19
n-Nitroso-di-n-propylamine
Concen: 4.671 ng
RT: 8.33 min Scan# 926
Delta R.T. 0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

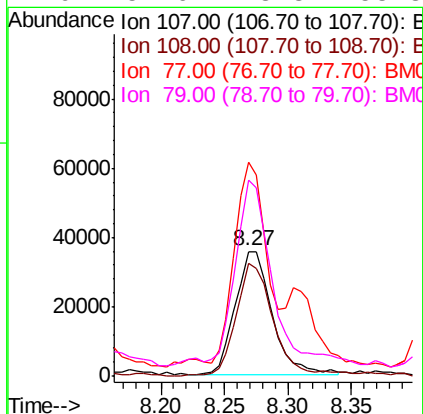
Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

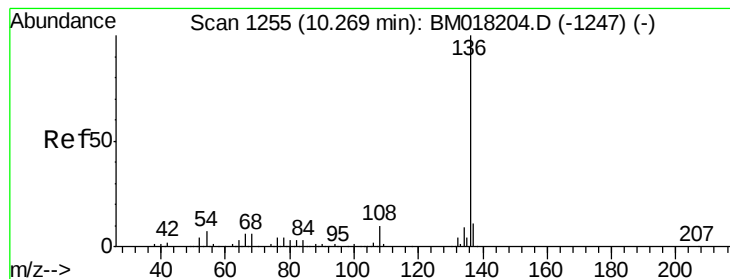
Tgt Ion:	70	Resp:	49556
Ion	Ratio	Lower	Upper
70	100		
42	26.1	36.2	54.2#
101	0.0	7.5	11.3#
130	0.0	16.4	24.6#



#20
3+4-Methylphenols
Concen: 5.079 ng
RT: 8.27 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion:	107	Resp:	71504
Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.4	107.4
77	171.7	15.7	55.7#
79	157.6	13.3	53.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

Tgt Ion:136 Resp: 748632

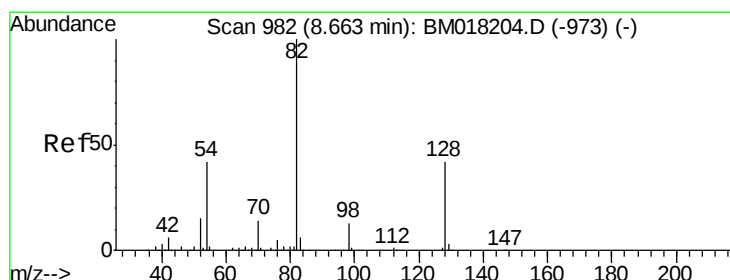
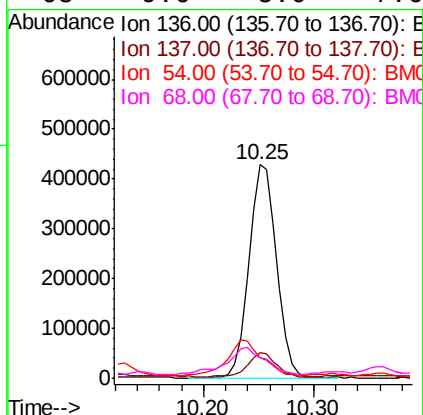
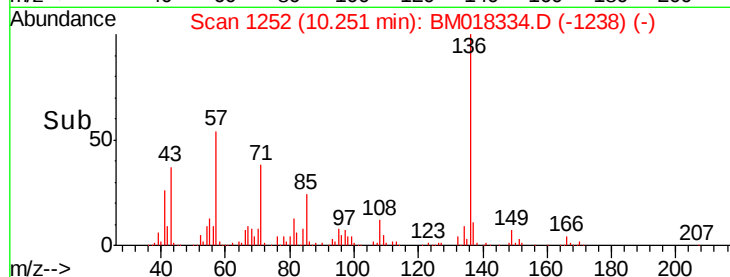
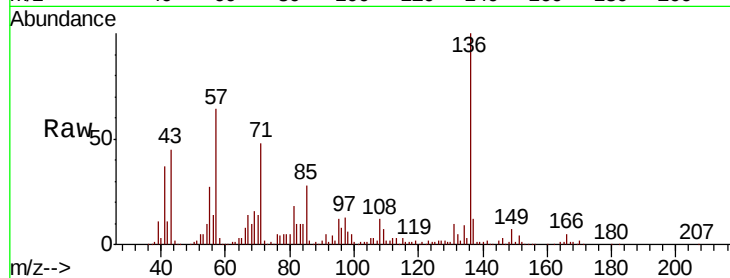
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 9.8 5.2 7.8#

68 9.6 5.0 7.6#



#23

Nitrobenzene-d5

Concen: 87.286 ng

RT: 8.65 min Scan# 979

Delta R.T. -0.02 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

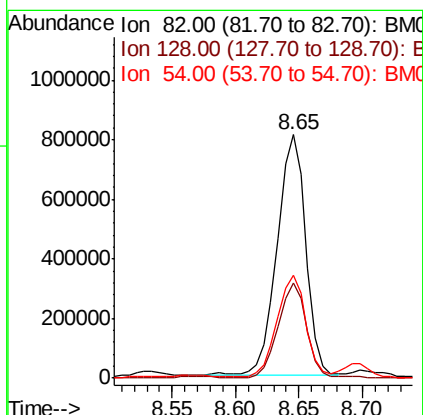
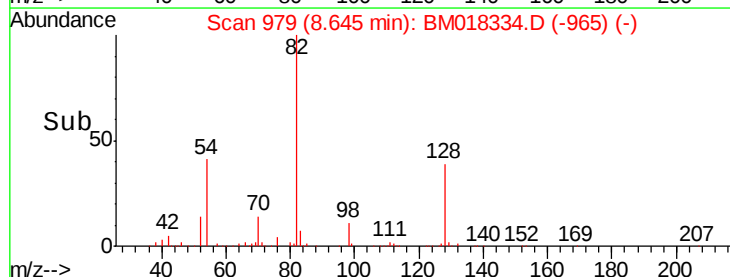
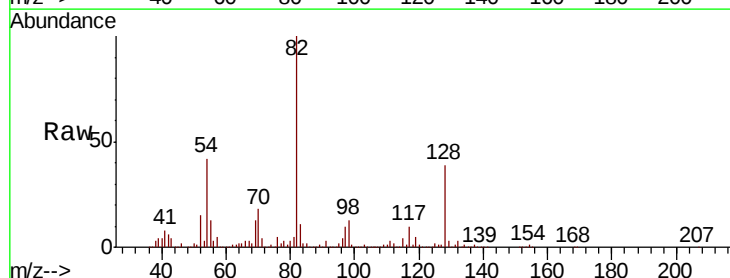
Tgt Ion: 82 Resp: 1273947

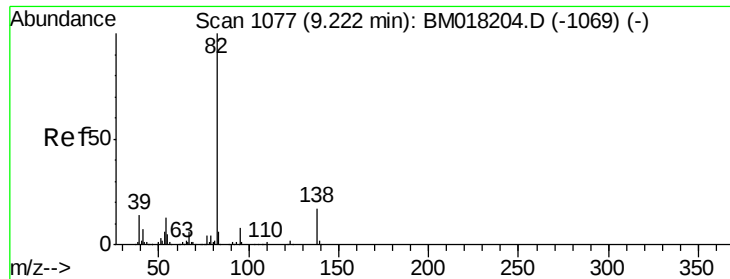
Ion Ratio Lower Upper

82 100

128 39.1 33.4 50.2

54 42.2 33.4 50.2





#25

Isophorone

Concen: 3.809 ng

RT: 9.17 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

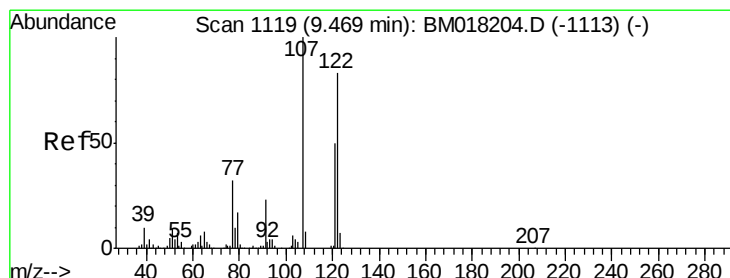
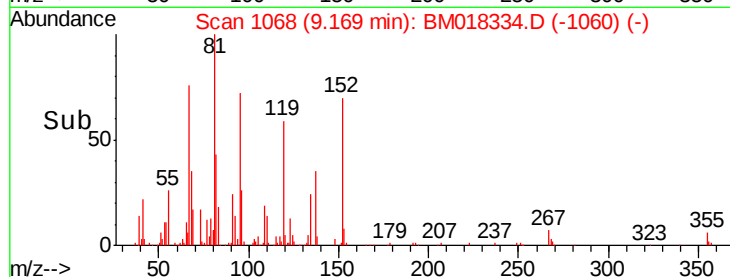
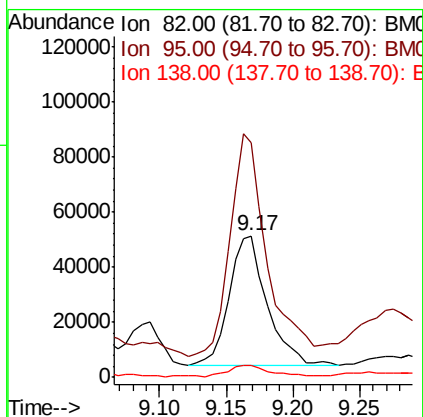
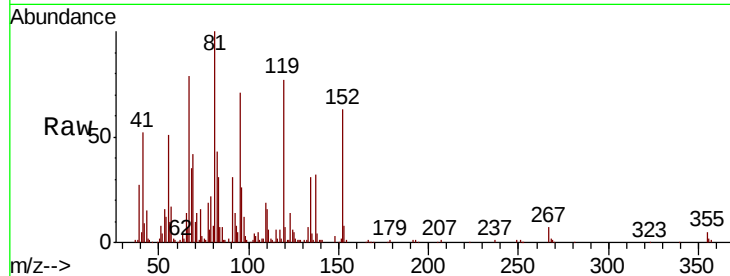
Tgt Ion: 82 Resp: 92551

Ion Ratio Lower Upper

82 100

95 165.8 6.4 9.6#

138 8.5 13.9 20.9#



#27

2,4-Dimethylphenol

Concen: 5.431 ng

RT: 9.46 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

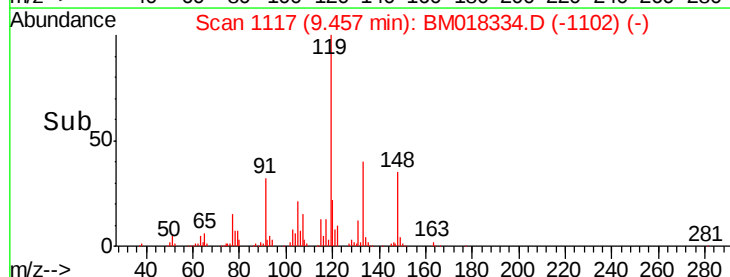
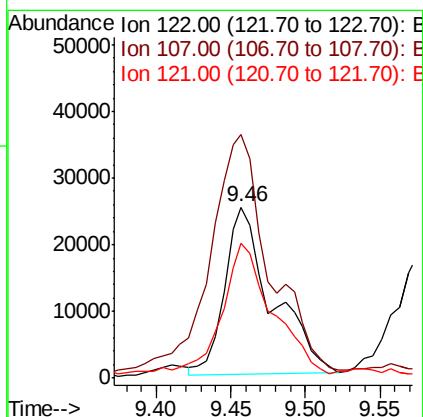
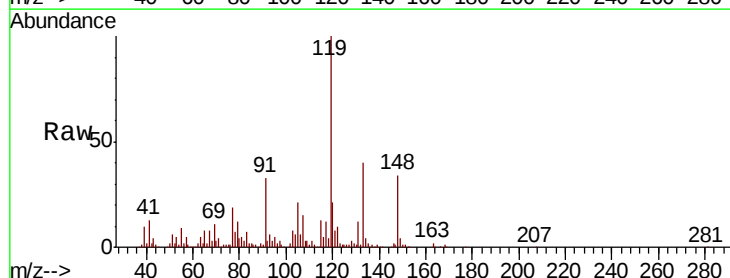
Tgt Ion: 122 Resp: 55985

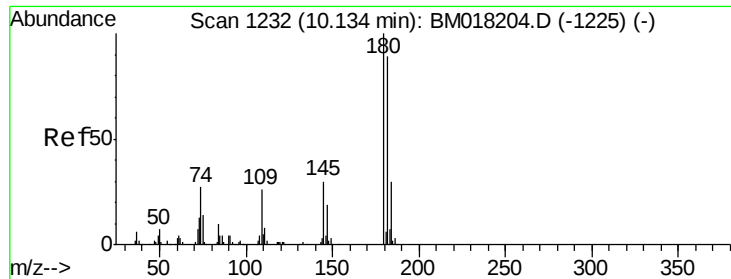
Ion Ratio Lower Upper

122 100

107 142.7 96.5 144.7

121 78.9 48.2 72.4#

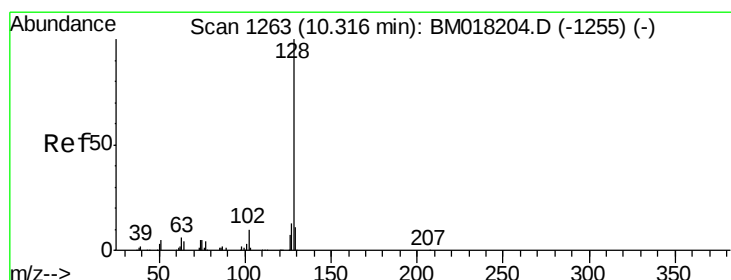
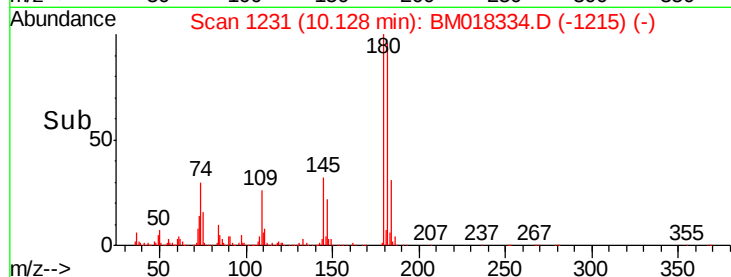
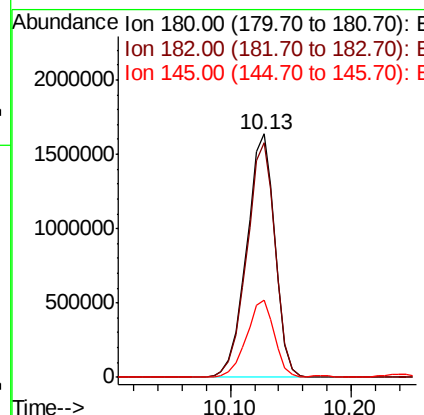
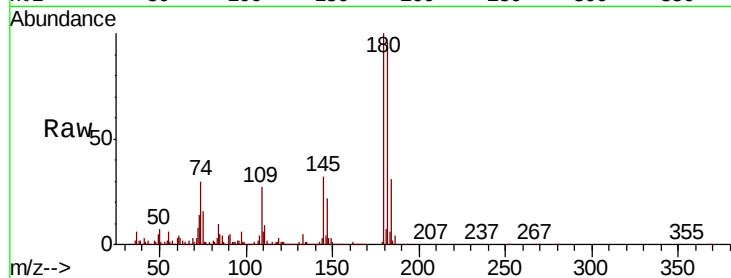




#30
1,2,4-Trichlorobenzene
Concen: 205.141 ng
RT: 10.13 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

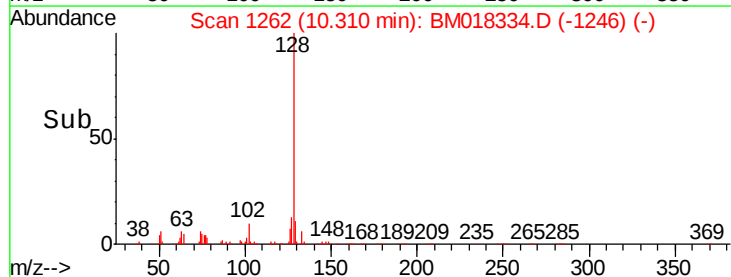
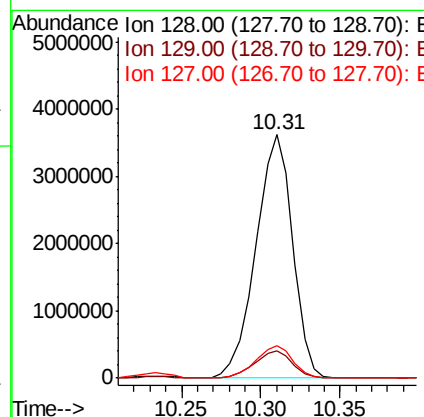
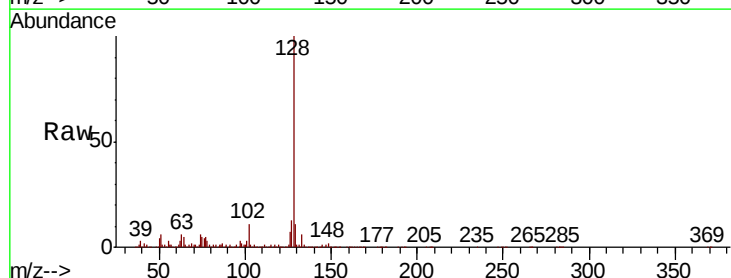
Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

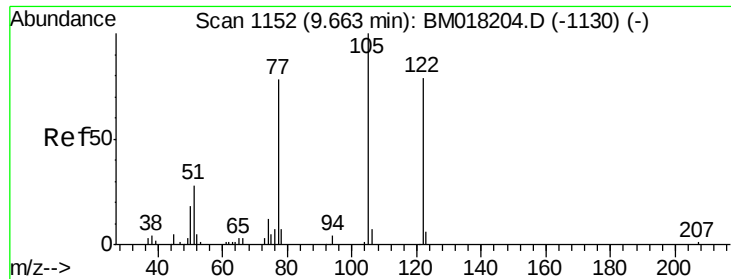
Tgt Ion:180 Resp: 2666998
Ion Ratio Lower Upper
180 100
182 96.2 71.4 107.2
145 31.7 24.4 36.6



#31
Naphthalene
Concen: 159.241 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion:128 Resp: 5829228
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.4 15.6

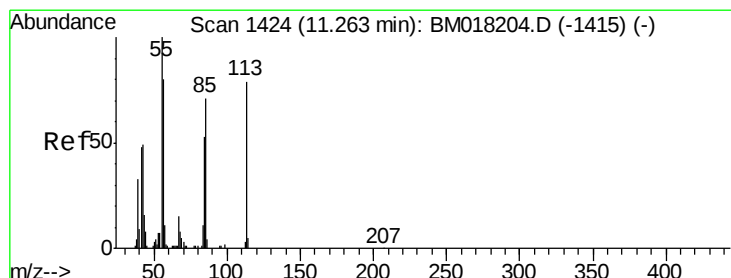
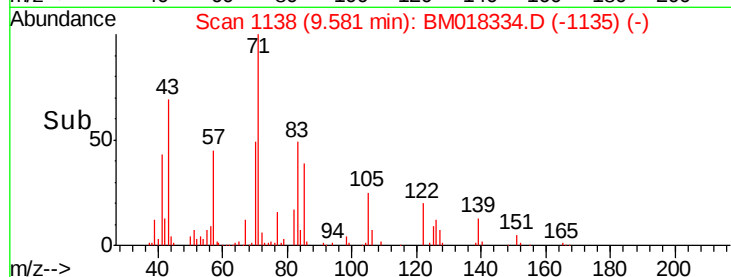
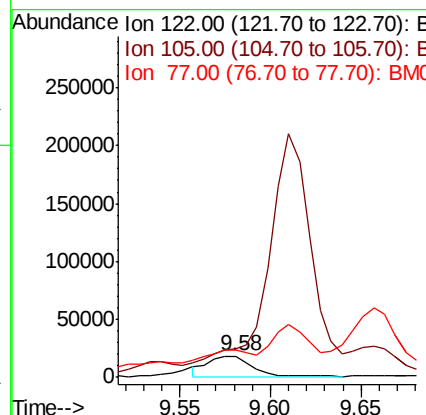
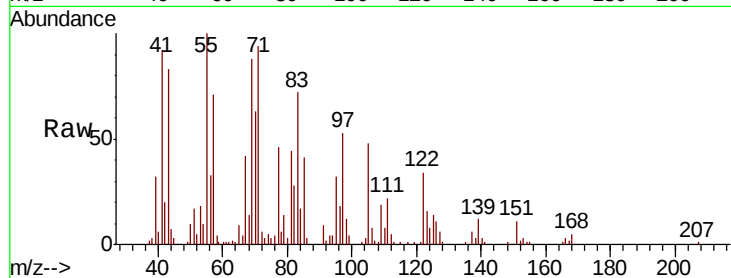




#32
Benzoic acid
Concen: 3.016 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.08 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

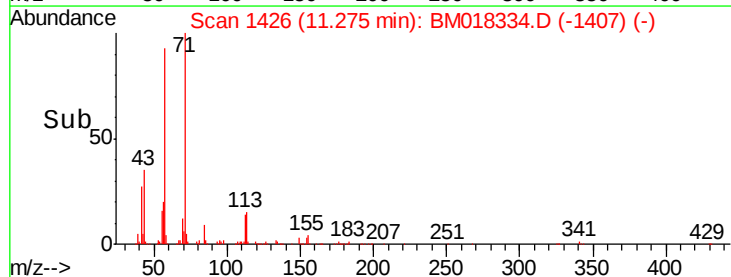
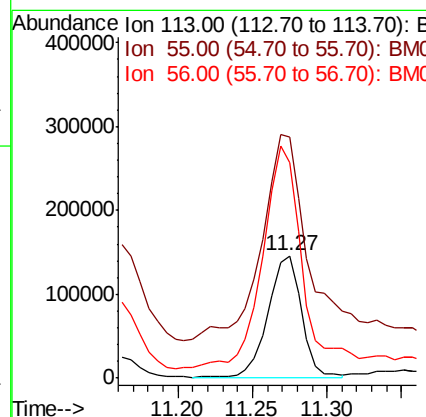
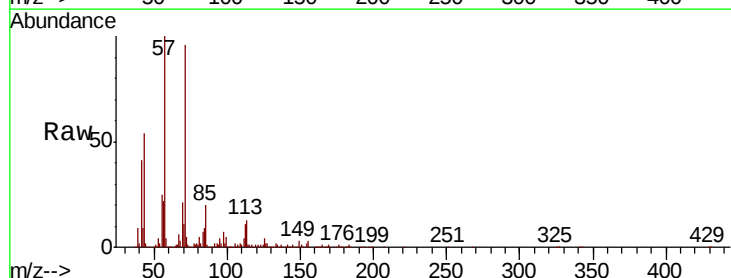
Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

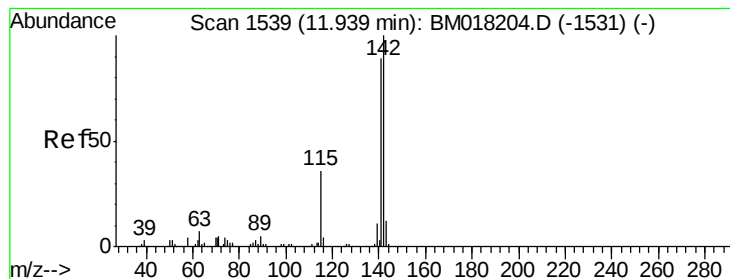
Tgt Ion:122 Resp: 29444
Ion Ratio Lower Upper
122 100
105 138.5 104.8 144.8
77 133.3 77.7 117.7#



#35
Caprolactam
Concen: 51.520 ng
RT: 11.27 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion:113 Resp: 224378
Ion Ratio Lower Upper
113 100
55 196.8 105.9 145.9#
56 176.0 80.1 120.1#





#37

2-Methylnaphthalene

Concen: 128.296 ng

RT: 11.93 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

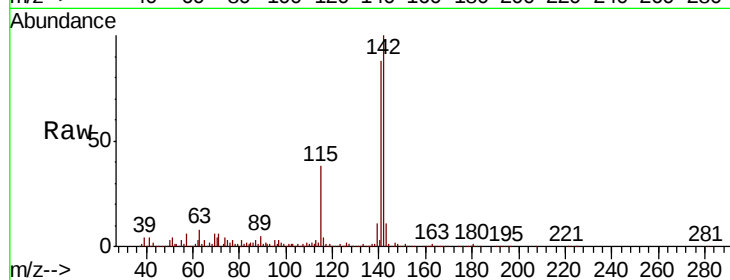
Tgt Ion:142 Resp: 3312008

Ion Ratio Lower Upper

142 100

141 87.8 71.4 107.2

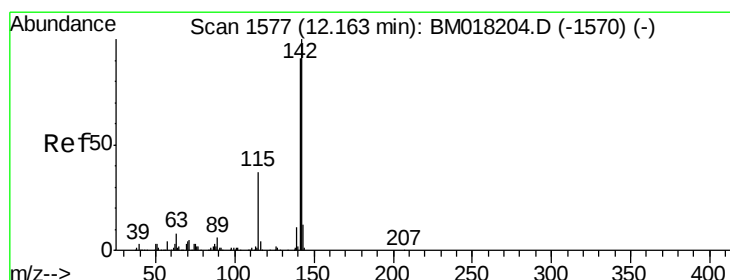
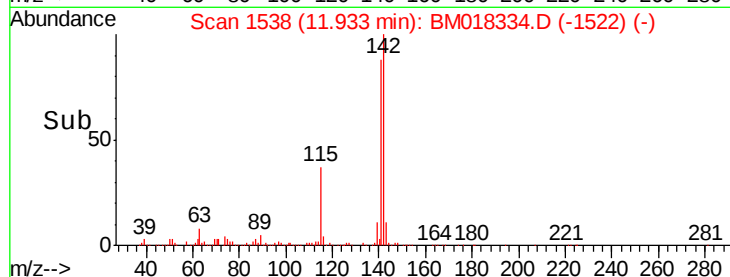
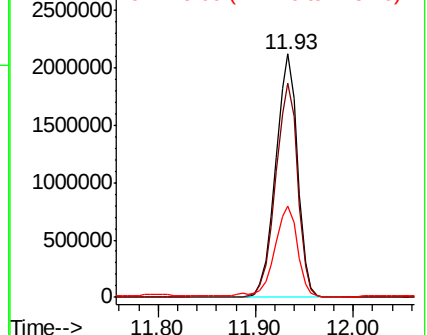
115 37.7 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 69.756 ng

RT: 12.16 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

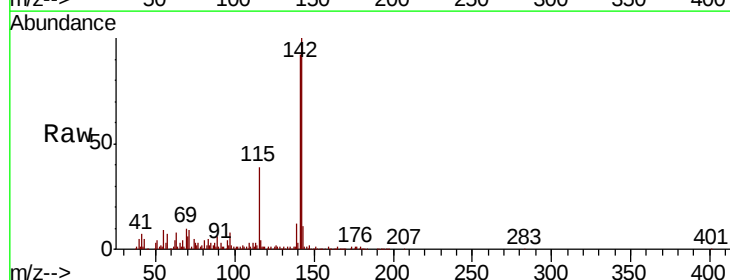
Tgt Ion:142 Resp: 1757186

Ion Ratio Lower Upper

142 100

141 91.6 73.0 109.4

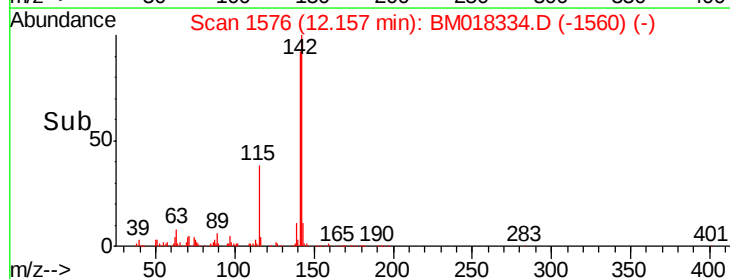
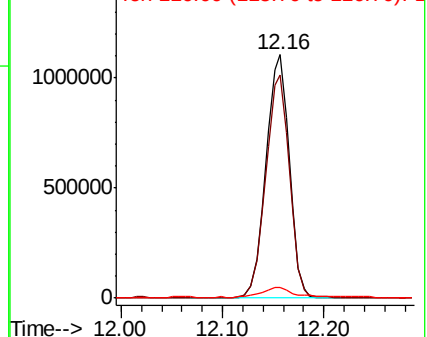
116 4.4 3.0 4.6

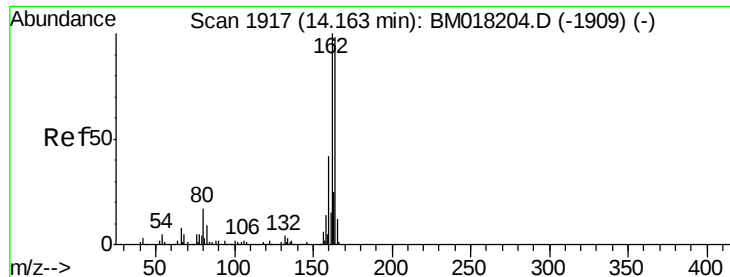


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

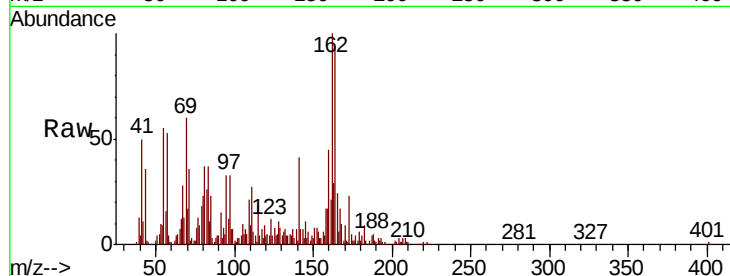
Tgt Ion:164 Resp: 409554

Ion Ratio Lower Upper

164 100

162 106.6 81.8 122.6

160 47.6 34.6 51.8

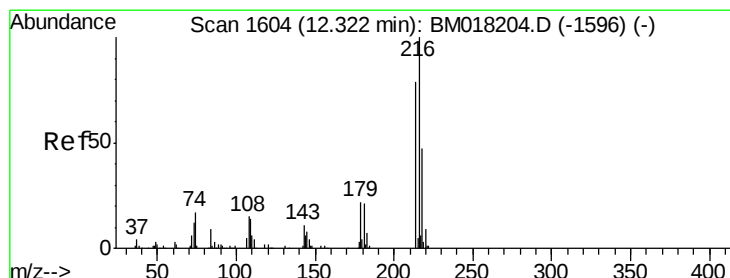
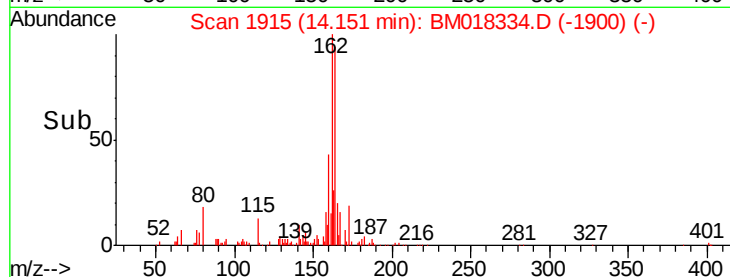
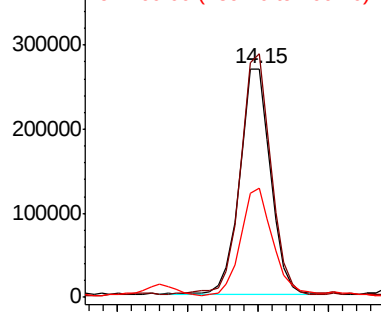


Abundance

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: 7.376 ng

RT: 12.31 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Tgt Ion:216 Resp: 103882

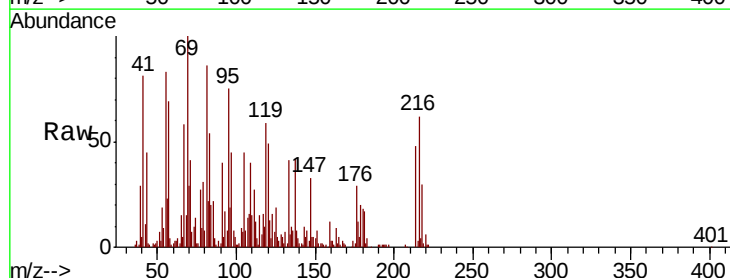
Ion Ratio Lower Upper

216 100

214 104.4 63.4 95.0#

179 40.3 17.2 25.8#

108 22.3 14.6 21.8#



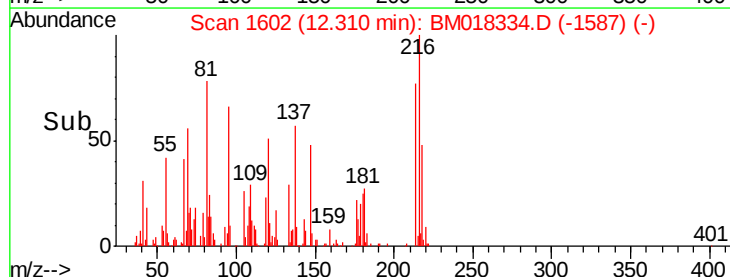
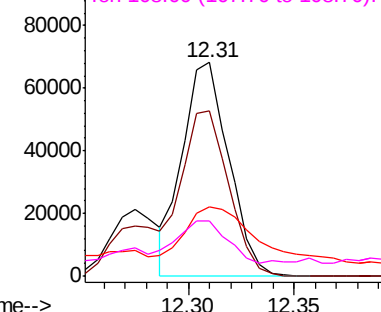
Abundance

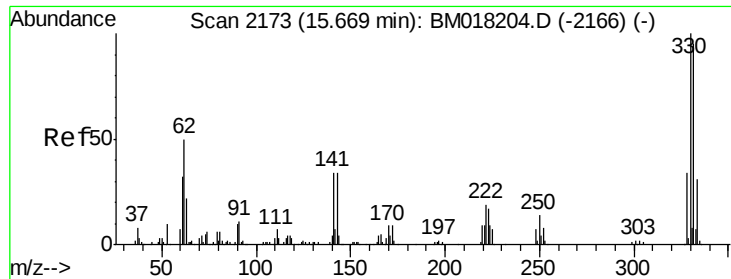
Ion 216.00 (215.70 to 216.70): E

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

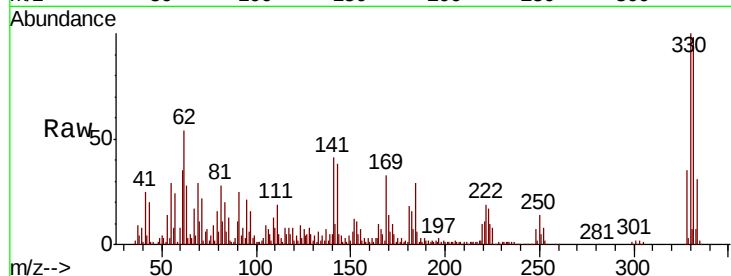




#42
 2,4,6-Tribromophenol
 Concen: 128.936 ng
 RT: 15.66 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013A-3036-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	118.0
141	40.0	27.1	40.7

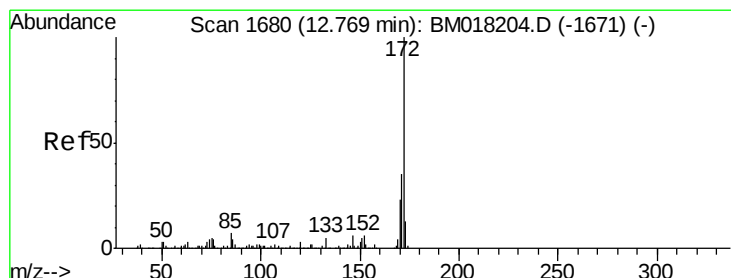
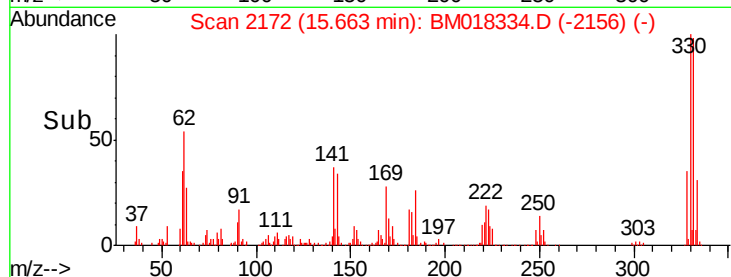
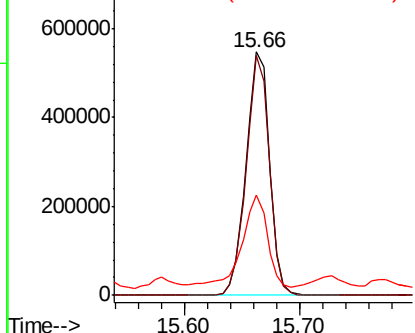


Abundance

Ion 329.80 (329.50 to 330.50): E

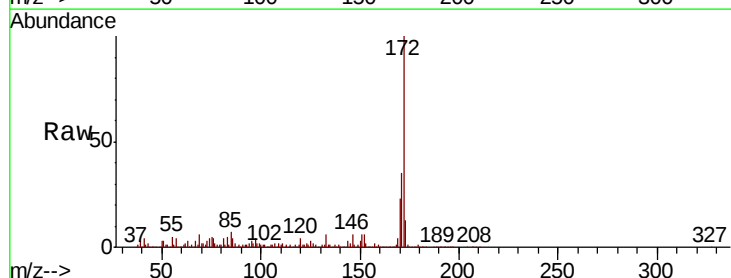
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.037 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	22.5	18.1	27.1

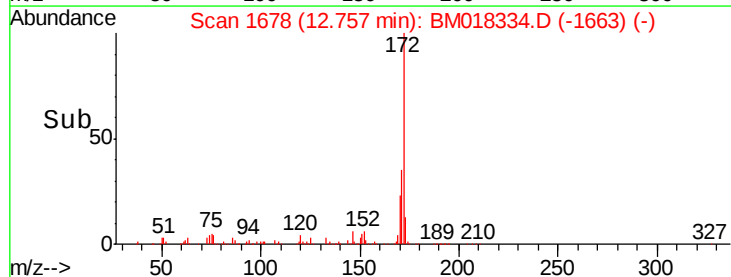
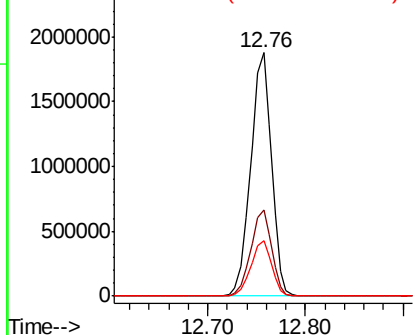


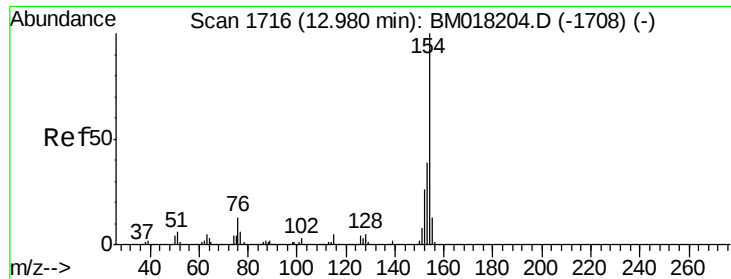
Abundance

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

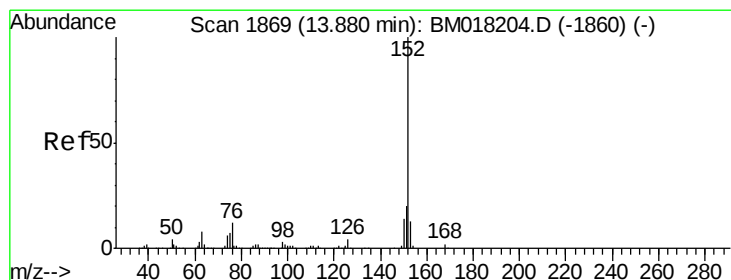
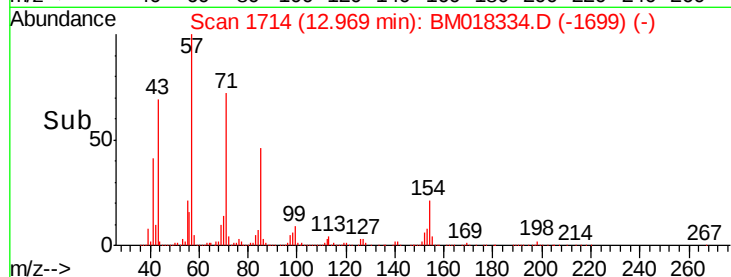
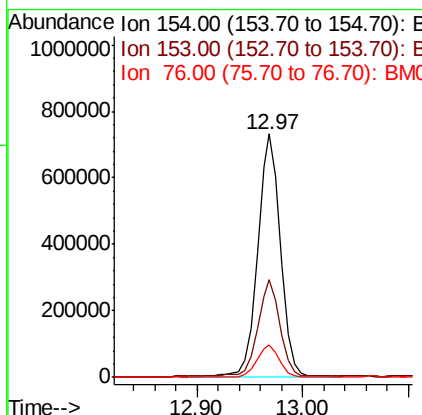
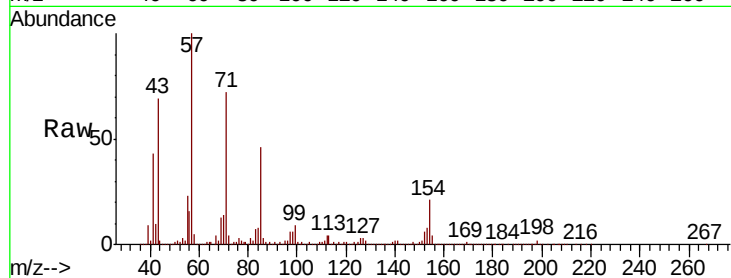




#46
 1,1'-Biphenyl
 Concen: 29.549 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

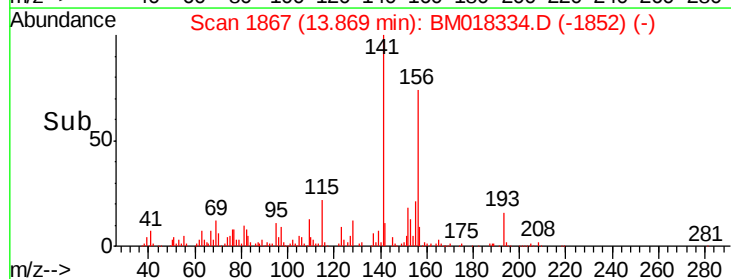
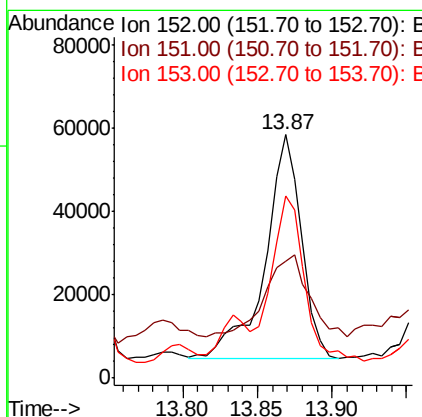
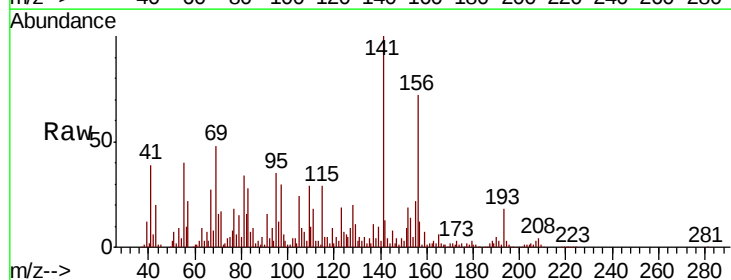
Instrument :
 BNA_M
 ClientSampleId :
 P001-SS013A-3036-01

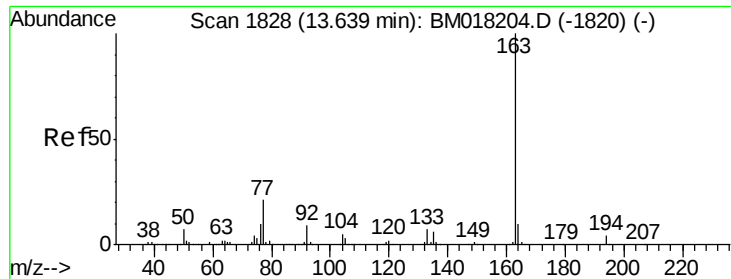
Tgt Ion:154 Resp: 1088744
 Ion Ratio Lower Upper
 154 100
 153 40.0 19.5 59.5
 76 13.2 0.0 33.1



#49
 Acenaphthylene
 Concen: 2.233 ng
 RT: 13.87 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BM018334.D
 Acq: 20 Dec 2018 17:32

Tgt Ion:152 Resp: 91246
 Ion Ratio Lower Upper
 152 100
 151 48.1 16.0 24.0#
 153 74.8 10.2 15.2#





#50

Dimethylphthalate

Concen: 7.535 ng

RT: 13.62 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

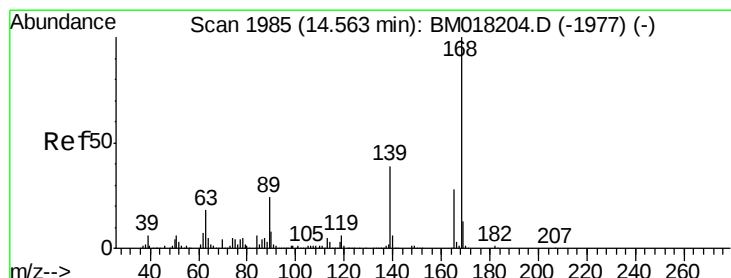
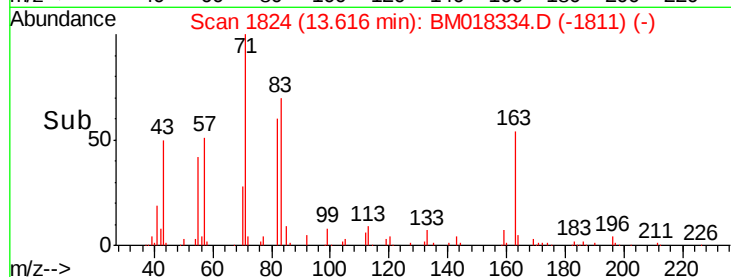
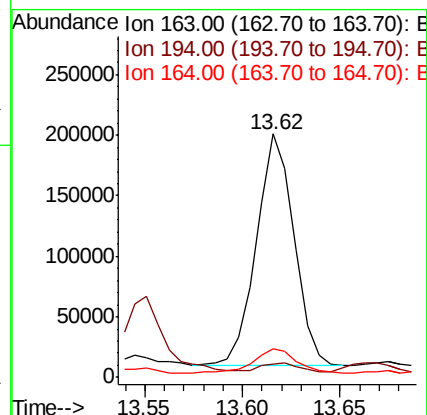
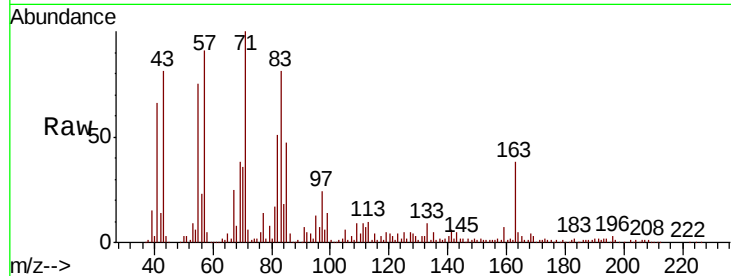
Tgt Ion:163 Resp: 256572

Ion Ratio Lower Upper

163 100

194 5.3 3.1 4.7#

164 12.0 7.9 11.9#



#55

Dibenzofuran

Concen: 5.834 ng

RT: 14.56 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

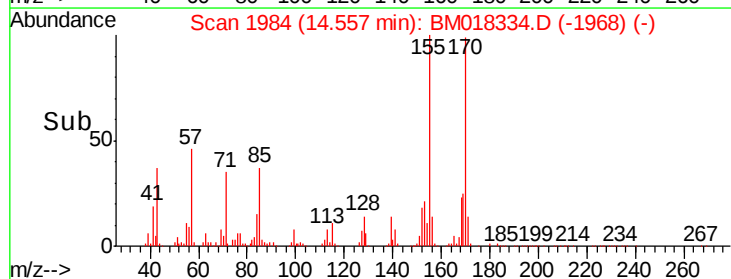
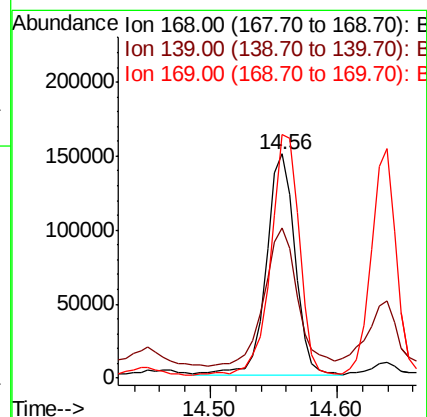
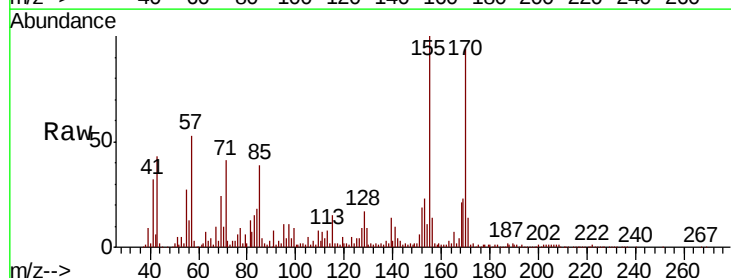
Tgt Ion:168 Resp: 234107

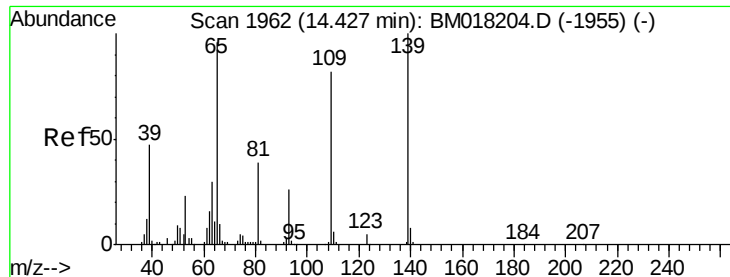
Ion Ratio Lower Upper

168 100

139 67.2 31.2 46.8#

169 108.5 10.4 15.6#

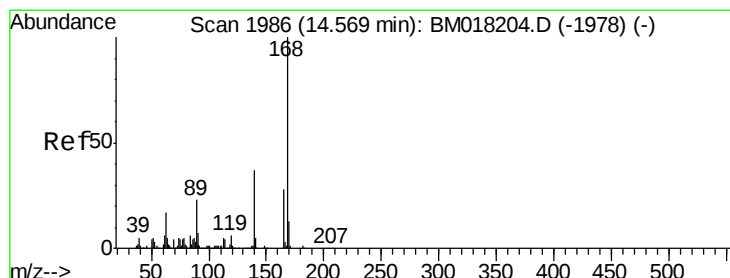
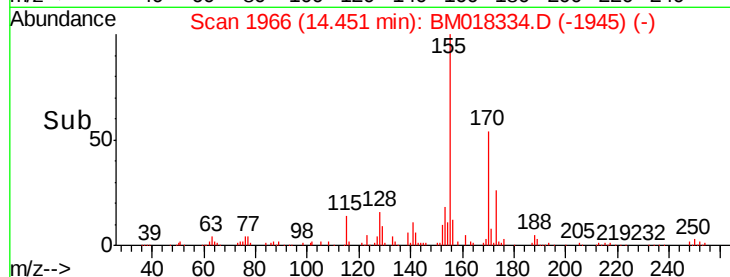
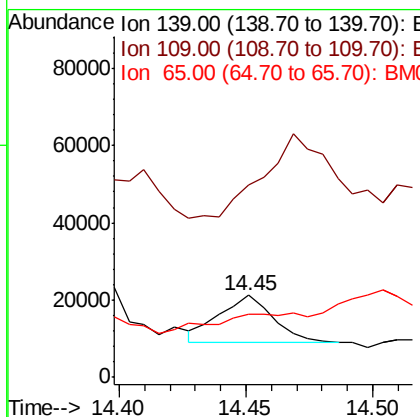
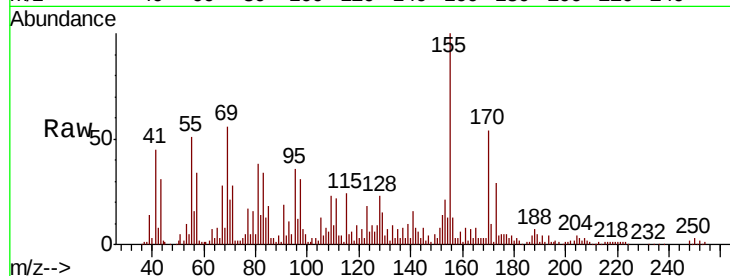




#56
4-Nitrophenol
Concen: 3.063 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

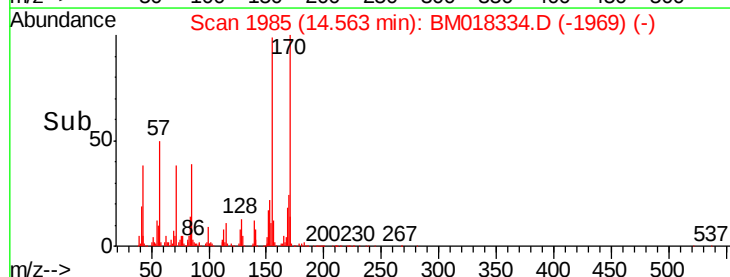
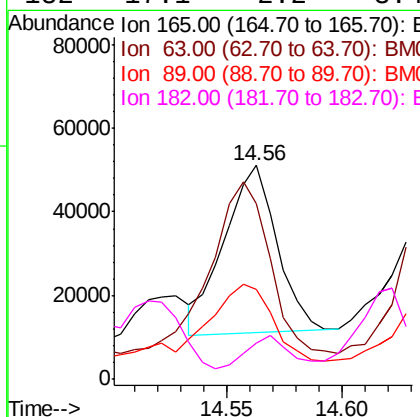
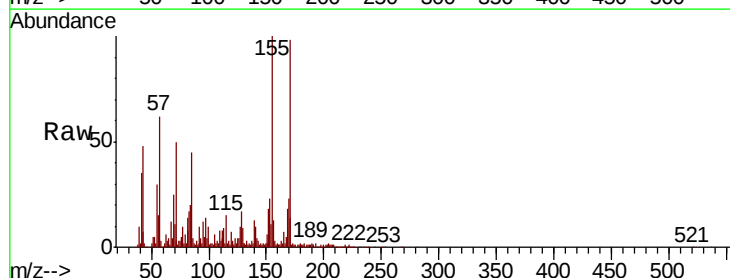
Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

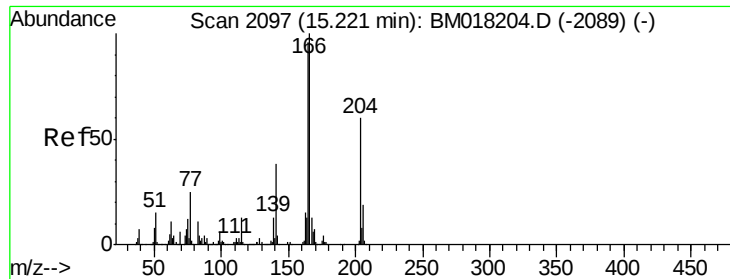
Tgt Ion:139 Resp: 18294
Ion Ratio Lower Upper
139 100
109 234.2 62.3 102.3#
65 77.2 76.4 116.4



#57
2,4-Dinitrotoluene
Concen: 6.202 ng
RT: 14.56 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion:165 Resp: 64168
Ion Ratio Lower Upper
165 100
63 82.0 47.2 70.8#
89 42.1 65.8 98.8#
182 17.1 2.2 3.4#





#58

Fluorene

Concen: 6.835 ng

RT: 15.21 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

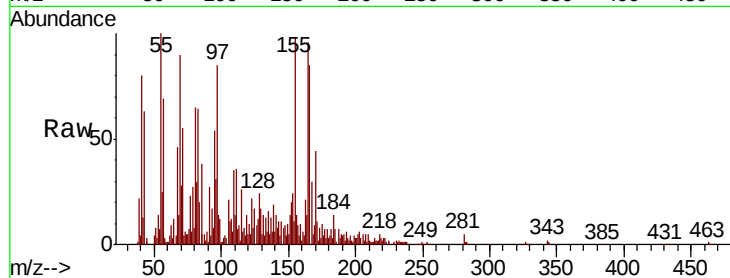
Tgt Ion:166 Resp: 211865

Ion Ratio Lower Upper

166 100

165 112.7 76.9 115.3

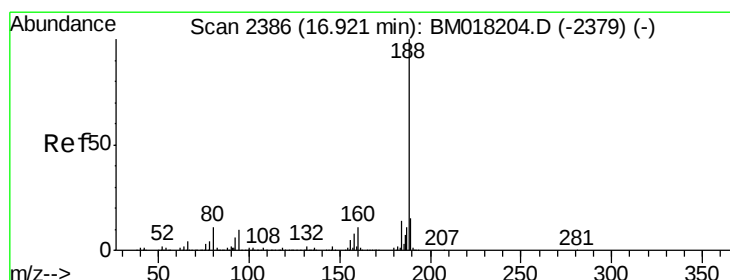
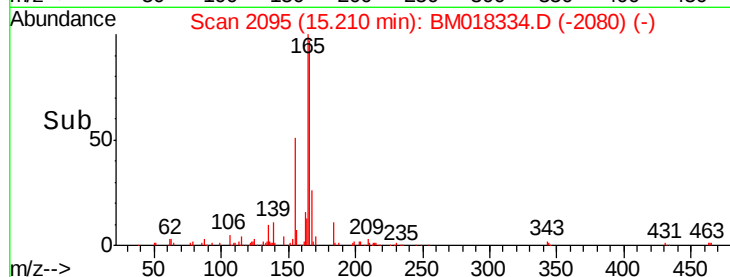
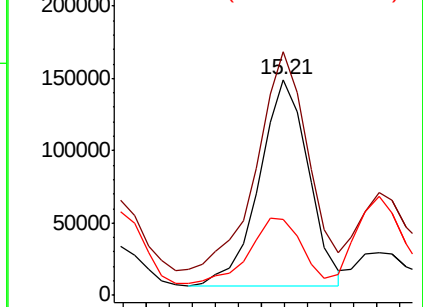
167 34.9 10.5 15.7#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

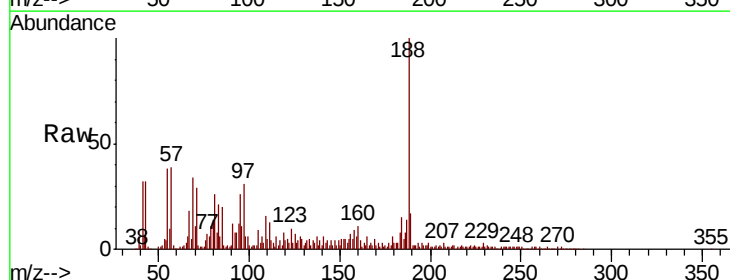
Tgt Ion:188 Resp: 788561

Ion Ratio Lower Upper

188 100

94 11.8 8.0 12.0

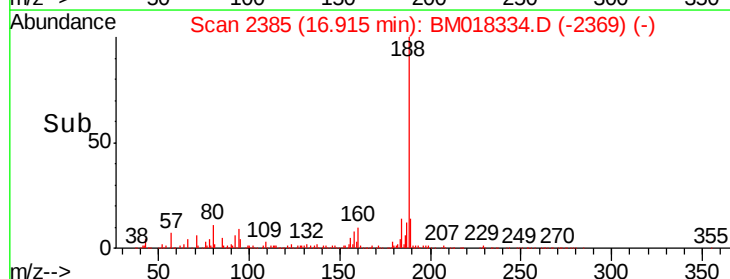
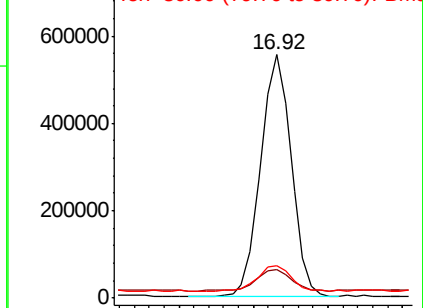
80 13.6 9.0 13.6#

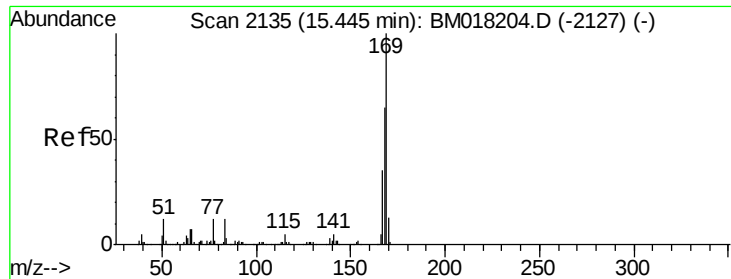


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

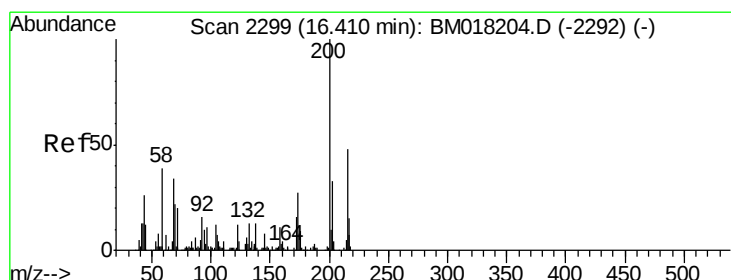
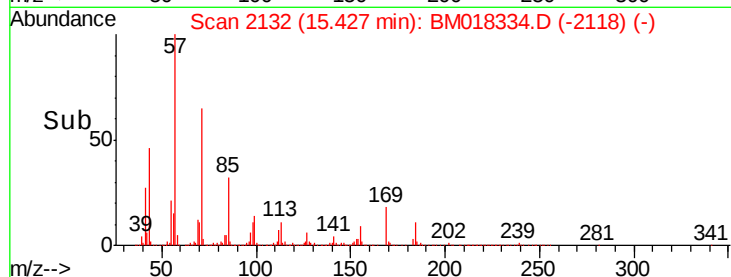
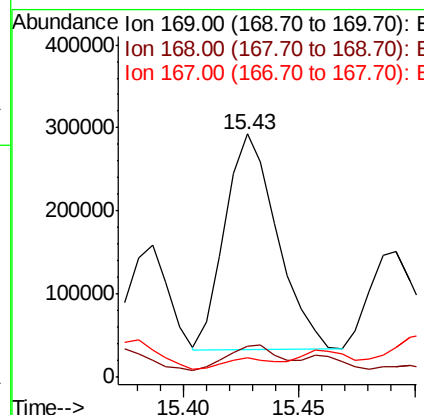
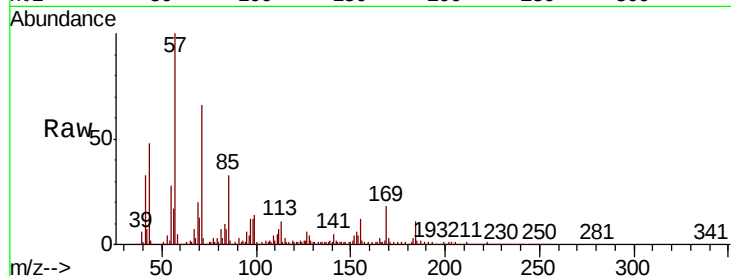




#66
n-Nitrosodiphenylamine
Concen: 15.660 ng
RT: 15.43 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

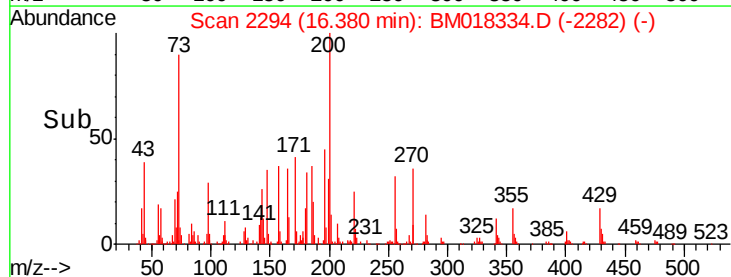
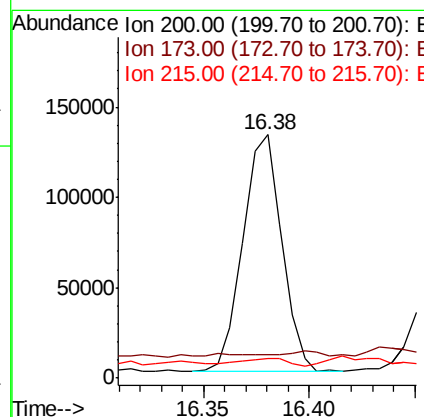
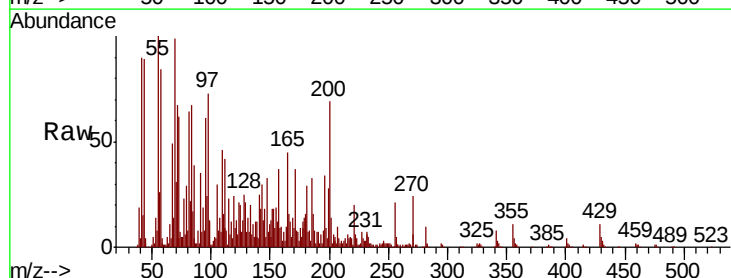
Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

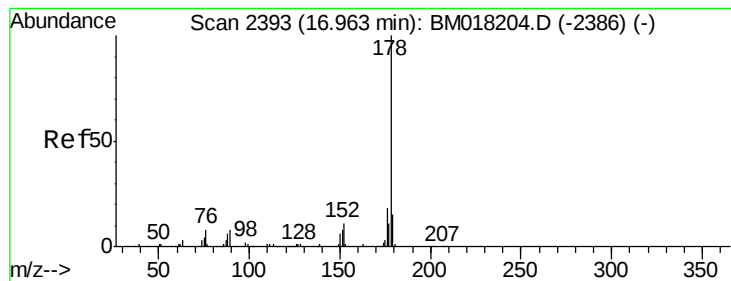
Tgt Ion	Resp	Lower	Upper
169	100		
168	13.0	52.2	78.4#
167	7.8	27.6	41.4#



#69
Atrazine
Concen: 19.062 ng
RT: 16.38 min Scan# 2294
Delta R.T. -0.03 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion	Resp	Lower	Upper
200	100		
173	9.4	6.9	46.9
215	8.0	27.9	67.9#





#71

Phenanthrene

Concen: 31.211 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

BNA_M

ClientSampleId :

P001-SS013A-3036-01

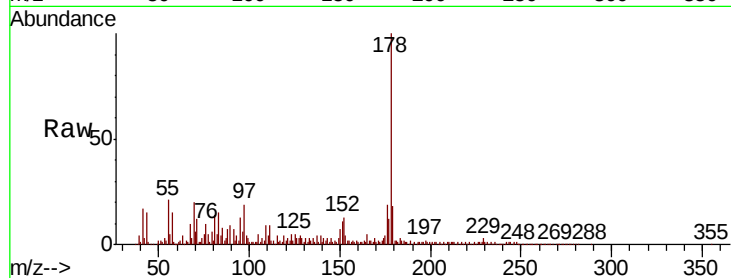
Tgt Ion:178 Resp: 1336868

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

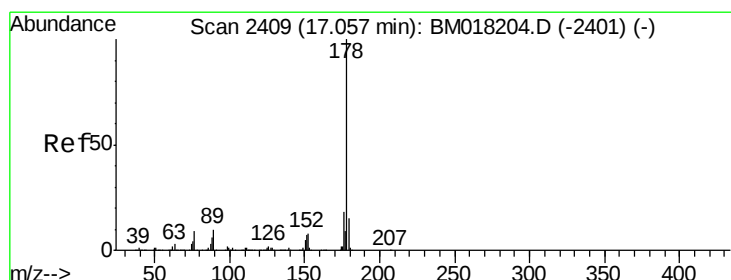
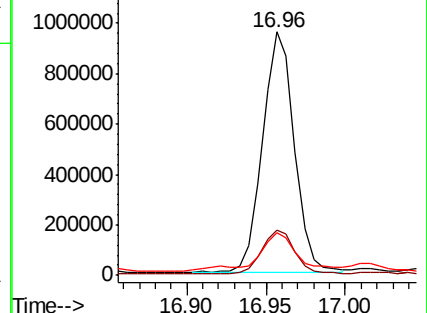
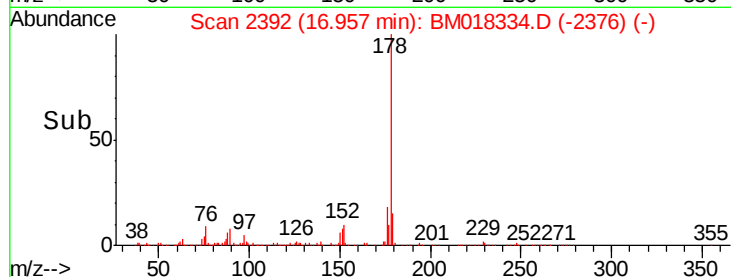
179 17.5 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.251 ng

RT: 17.11 min Scan# 2418

Delta R.T. 0.05 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

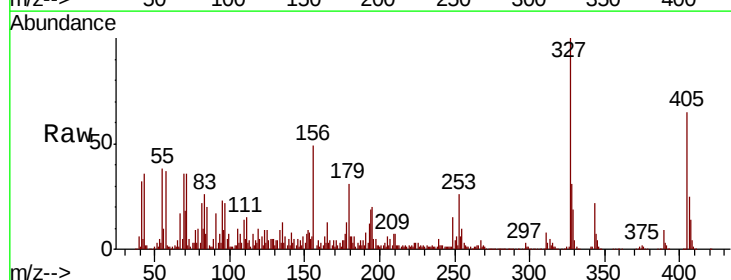
Tgt Ion:178 Resp: 95636

Ion Ratio Lower Upper

178 100

176 28.6 14.3 21.5#

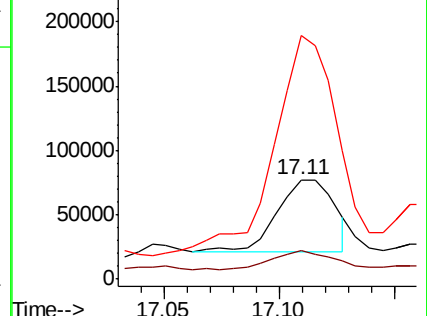
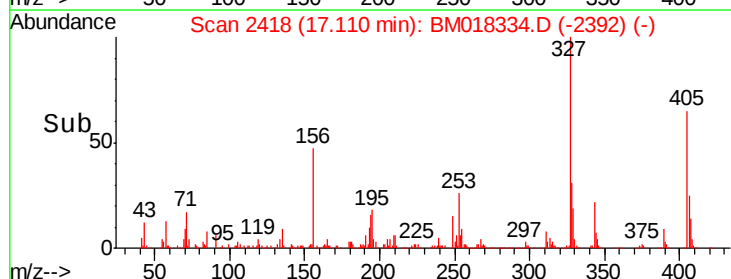
179 245.7 12.0 18.0#

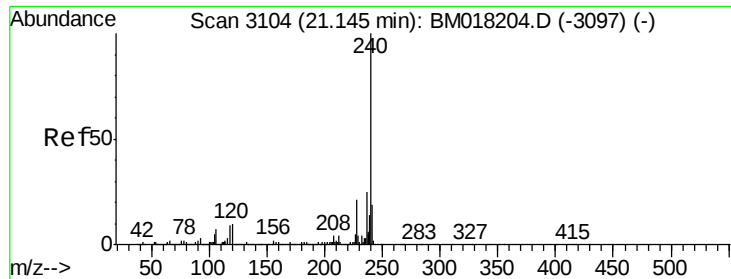


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

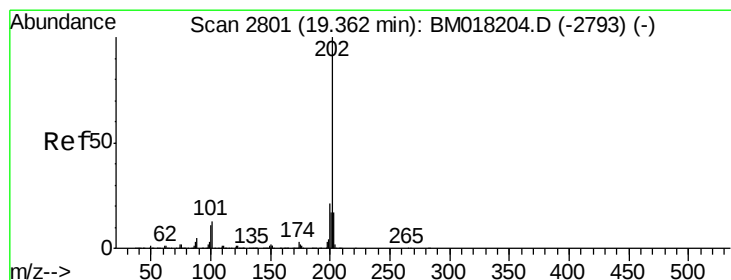
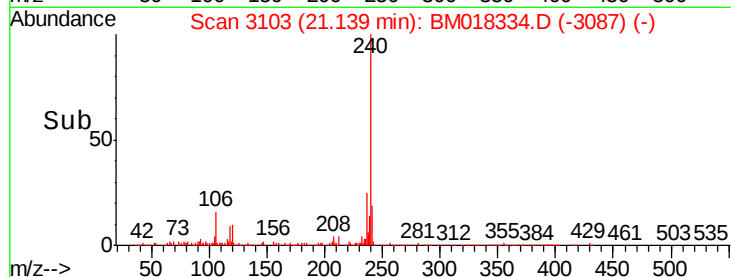
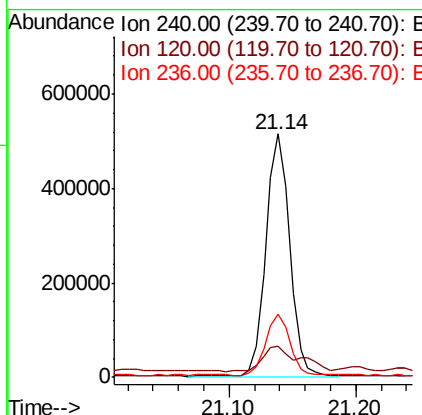
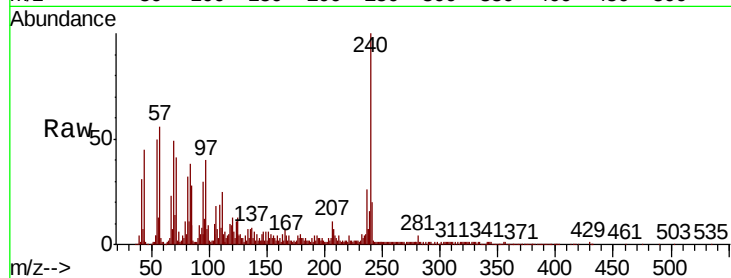




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

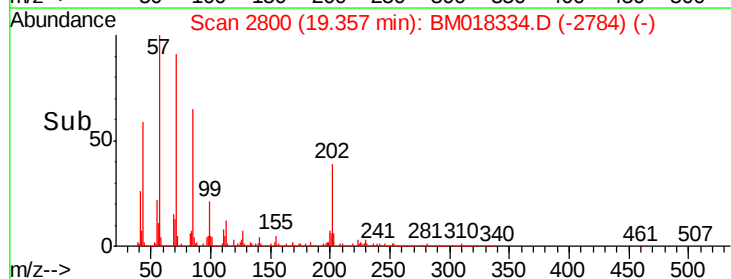
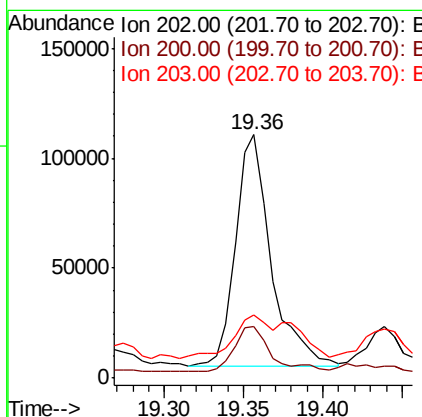
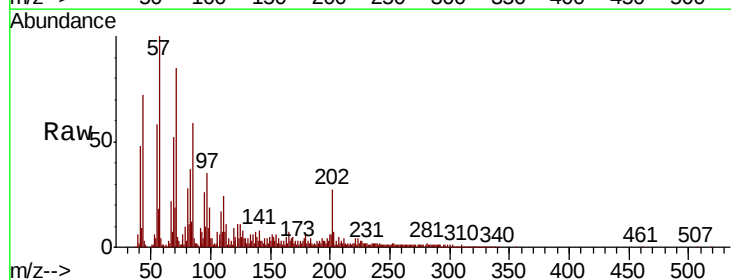
Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

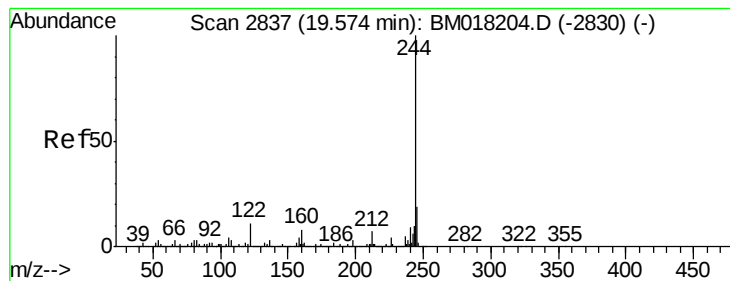
Tgt Ion:240 Resp: 673050
Ion Ratio Lower Upper
240 100
120 12.9 8.2 12.2#
236 26.1 20.3 30.5



#78
Pyrene
Concen: 4.074 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Tgt Ion:202 Resp: 163367
Ion Ratio Lower Upper
202 100
200 21.0 16.5 24.7
203 25.8 14.0 21.0#





#79

Terphenyl-d14

Concen: 105.147 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Instrument :

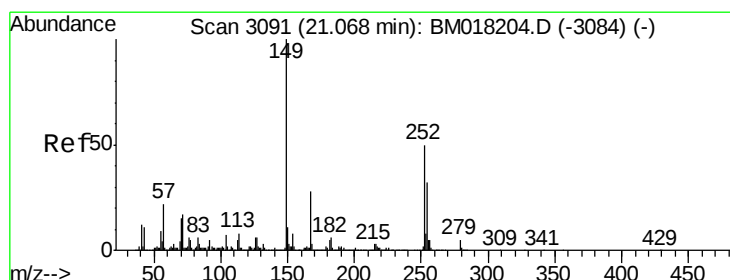
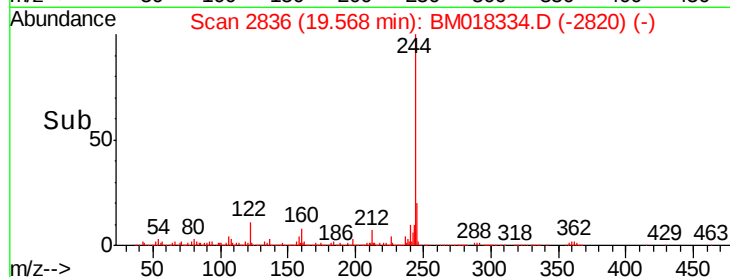
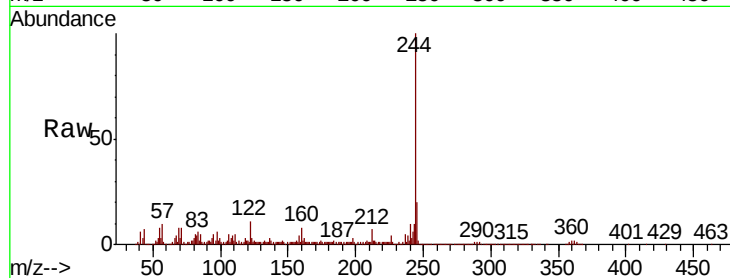
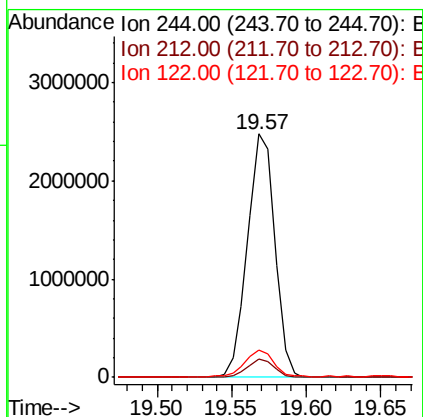
BNA_M

ClientSampleId :

P001-SS013A-3036-01

Tgt Ion:244 Resp: 3129107

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.3	9.0	13.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.000 ng

RT: 21.06 min Scan# 3090

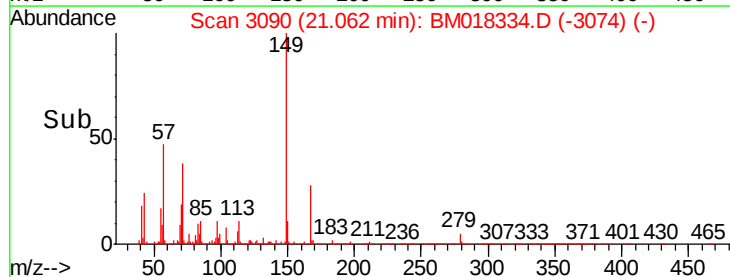
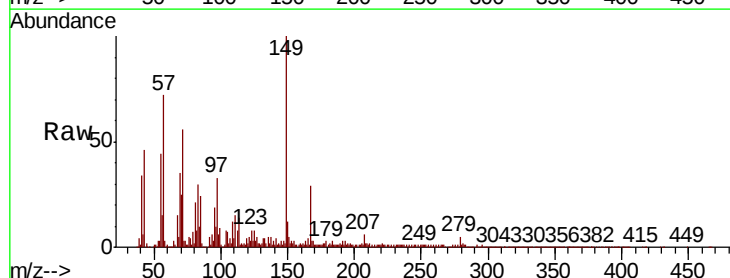
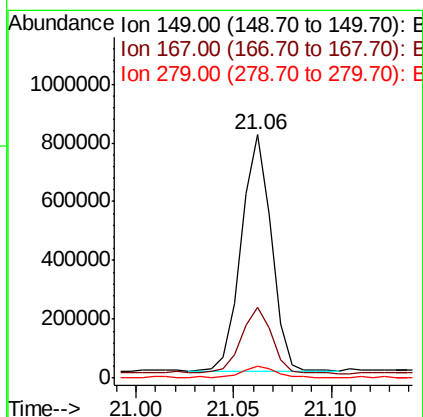
Delta R.T. -0.01 min

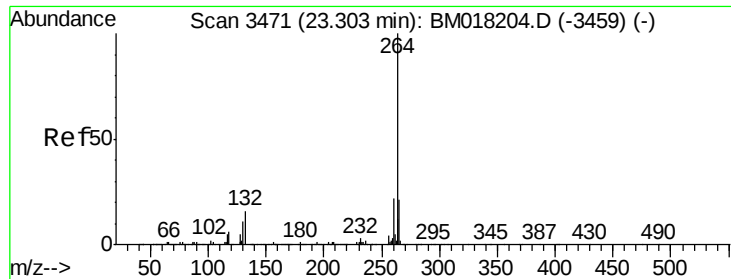
Lab File: BM018334.D

Acq: 20 Dec 2018 17:32

Tgt Ion:149 Resp: 853007

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.7	34.1
279	4.8	3.9	5.9

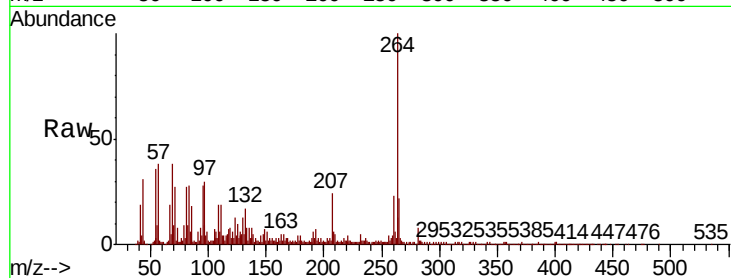




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BM018334.D
Acq: 20 Dec 2018 17:32

Instrument :
BNA_M
ClientSampleId :
P001-SS013A-3036-01

Tgt Ion:	264	Resp:	693916
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.5	26.3
265	22.5	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

