

Data File : BM013468.D
Acq On : 16 Dec 2017 08:48
Operator : SJ/JU
Sample : I6775-07 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A10

Quant Time: Dec 18 00:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	259948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1178998	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.42	164	44952	20.00	ng/ul	0.11
61) Phenanthrene-d10	17.23	188	265935	20.00	ng/ul	0.16
75) Chrysene-d12	21.51	240	13024	20.00	ng/ul	0.25
83) Perylene-d12	23.74	264	16831	20.00	ng/ul	0.26

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2213	0.42	ng/uL	0.00
5) Phenol-d5	6.85	99	73724	3.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	49409	3.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	61321	3.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	62305	3.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	39813	4.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	34658	3.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	64618	3.13	ng/ul	0.02
29) 4-Chloroaniline-d4	10.65	131	80170	4.23	ng/ul	0.05
43) Dimethylphthalate-d6	13.75	166	217413	54.35	ng/ul	0.01
46) Acenaphthylene-d8	14.07	160	3998	0.81	ng/ul	0.07
51) 4-Nitrophenol-d4	14.63	143	7012	10.09	ng/ul	0.10
57) Fluorene-d10	15.42	176	14765	4.29	ng/ul	0.11
62) 4,6-Dinitro-2-methylphenol	15.59	200	804	0.48	ng/ul	0.15
70) Anthracene-d10	17.23	188	263420	19.78	ng/ul	0.06
76) Pyrene-d10	19.70	212	5245	8.08	ng/ul	0.24
87) Benzo(a)pyrene-d12	23.49	264	876947	1022.89	ng/ul	0.15

Target Compounds

						Qvalue
8) Bis(2-Chloroethyl)ether	7.12	93	18782	1.10	ng/ul#	33
11) 2-Methylphenol	8.12	108	103546	6.02	ng/ul	98
14) Acetophenone	8.47	105	64219	2.20	ng/ul#	45
16) 4-Methylphenol	8.45	108	161599	8.79	ng/ul	95
17) Hexachloroethane	8.77	117	39250	5.23	ng/ul#	1
24) 2,4-Dimethylphenol	9.65	107	566442	25.03	ng/ul#	88
30) 4-Chloroaniline	10.59	127	31630299	1723.87	ng/ul#	7
34) 2-Methylnaphthalene	12.26	142	119858	2.63	ng/ul#	17
40) 1,1'-Biphenyl	13.16	154	9107373	2397.24	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	87166	29.24	ng/ul#	60
42) 2-Nitroaniline	13.48	65	60058	68.78	ng/ul#	33
44) Dimethylphthalate	13.79	163	48103	12.57	ng/ul	96
45) 2,6-Dinitrotoluene	14.02	165	10462	13.41	ng/ul	90
47) Acenaphthylene	14.05	152	2033564	445.16	ng/ul#	94
48) 3-Nitroaniline	14.33	138	10837	15.54	ng/ul#	77
49) Acenaphthene	14.47	153	2540914	816.52	ng/ul#	26
52) 4-Nitrophenol	14.65	109	6810	9.99	ng/ul#	1
53) Dibenzofuran	14.89	168	154702	33.68	ng/ul#	45
54) 2,4-Dinitrotoluene	14.81	165	58863	51.86	ng/ul#	43
55) 2,3,4,6-Tetrachlorophenol	14.97	232	247115	250.91	ng/ul#	76
58) Fluorene	15.52	166	140321	36.92	ng/ul#	1
60) 4-Nitroaniline	15.51	138	15710	19.09	ng/ul#	26
64) N-Nitrosodiphenylamine	15.75	169	116275	14.84	ng/ul#	26

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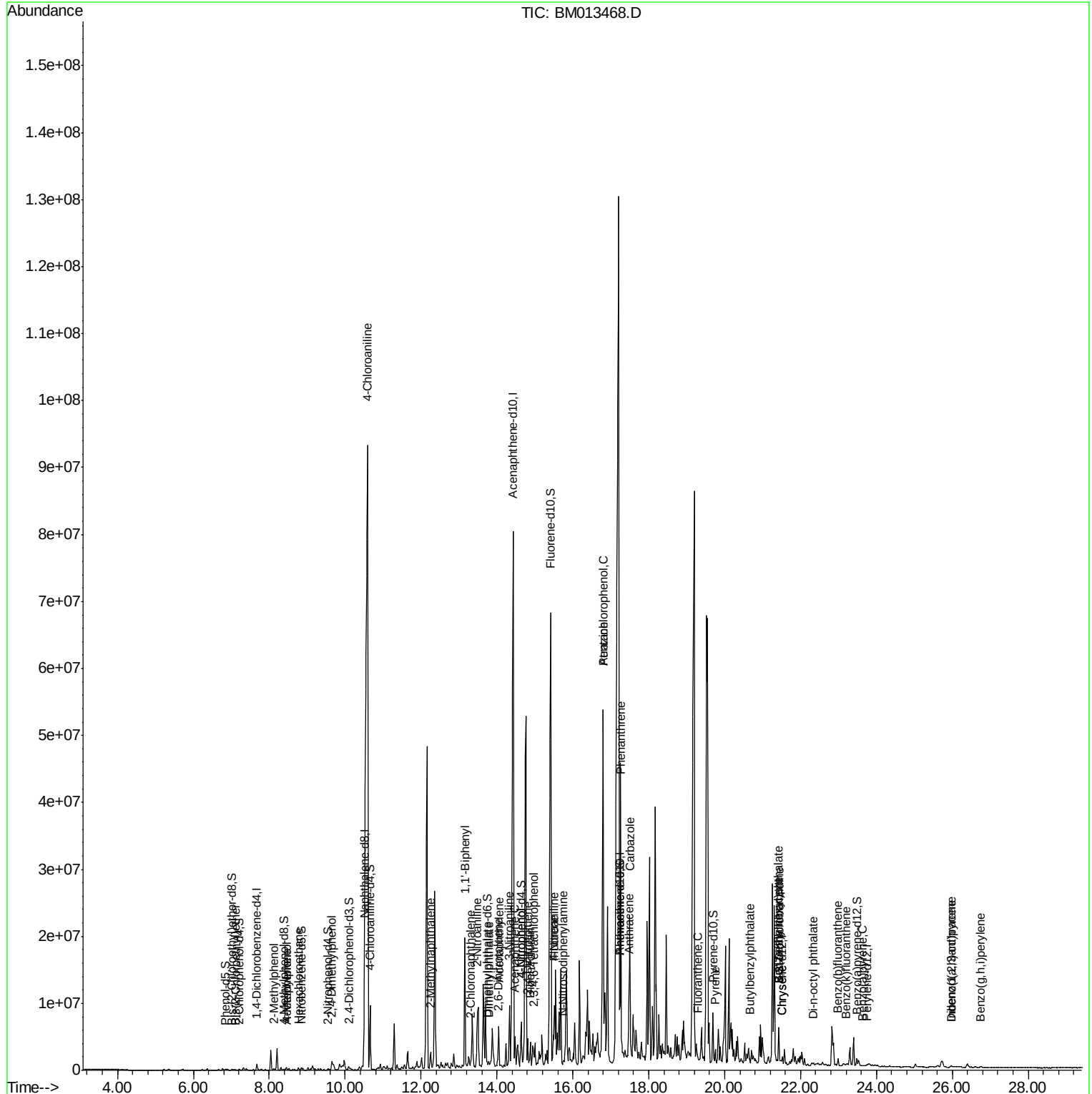
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Atrazine	16.80	200	2286512	790.77	ng/ul#	40
68) Pentachlorophenol	16.80	266	11808012	5921.92	ng/ul	97
69) Phenanthrene	17.25	178	2390662	158.24	ng/ul#	90
71) Anthracene	17.47	178	712959	46.17	ng/ul#	1
72) Carbazole	17.50	167	12899182	971.09	ng/ul	96
74) Fluoranthene	19.30	202	166616	9.00	ng/ul#	88
77) Pyrene	19.75	202	244453	308.95	ng/ul#	69
78) Butylbenzylphthalate	20.66	149	1827	5.91	ng/ul#	76
79) 3,3'-Dichlorobenzidine	21.43	252	40621	148.37	ng/ul#	1
80) Benzo(a)anthracene	21.43	228	1794117	2171.16	ng/ul#	60
81) Bis(2-ethylhexyl)phthalate	21.42	149	10004	21.47	ng/ul#	94
82) Chrysene	21.50	228	19058	24.86	ng/ul#	1
84) Di-n-octyl phthalate	22.33	149	1547	1.29	ng/ul#	1
85) Benzo(b)fluoranthene	22.99	252	745095	656.70	ng/ul#	91
86) Benzo(k)fluoranthene	23.21	252	102581	96.07	ng/ul#	1
88) Benzo(a)pyrene	23.63	252	5276	5.18	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	25.97	276	49259	48.71	ng/ul#	56
90) Dibenzo(a,h)anthracene	25.97	278	190304	221.00	ng/ul#	87
91) Benzo(g,h,i)perylene	26.75	276	175959	220.59	ng/ul#	89

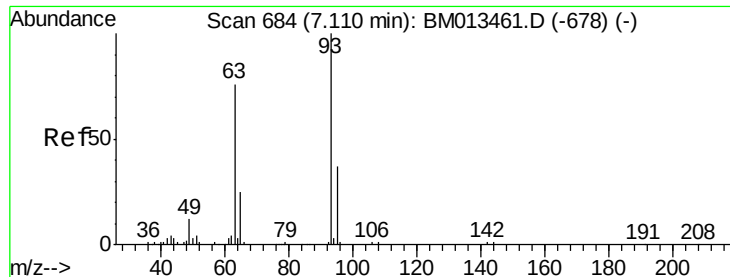
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 25 Sample Multiplier: 1

F9A10

Response via : Initial Calibration





#8

Bis(2-Chloroethyl)ether

Concen: 1.10 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

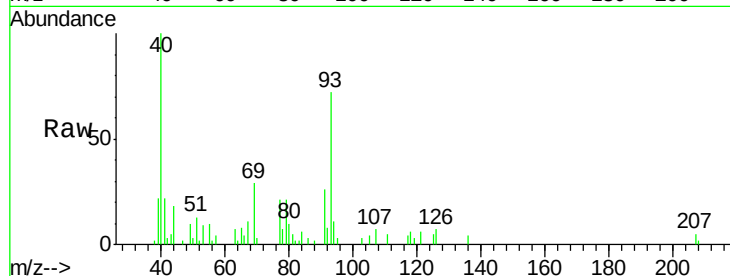
Tgt Ion: 93 Resp: 18782

Ion Ratio Lower Upper

93 100

63 9.7 57.3 85.9#

95 3.5 26.6 39.8#

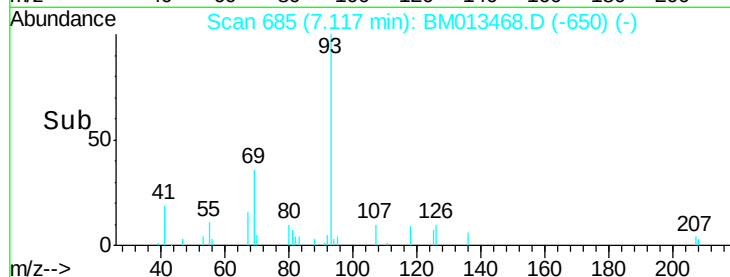


Abundance Ion 93.00 (92.70 to 93.70): BM013461.D (-678) (-)

Ion 63.00 (62.70 to 63.70): BM013461.D (-678) (-)

Ion 95.00 (94.70 to 95.70): BM013461.D (-678) (-)

Time-->

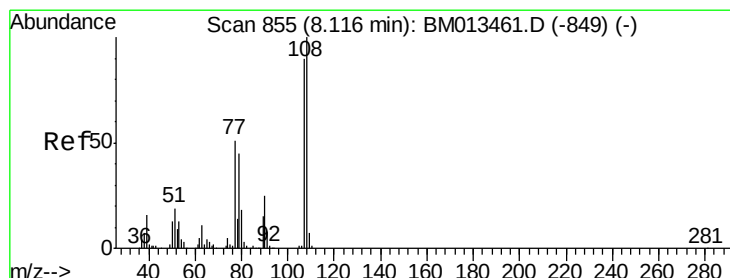


Abundance Ion 93.00 (92.70 to 93.70): BM013468.D (-650) (-)

Ion 63.00 (62.70 to 63.70): BM013468.D (-650) (-)

Ion 95.00 (94.70 to 95.70): BM013468.D (-650) (-)

Time-->



#11

2-Methylphenol

Concen: 6.02 ng/ul

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM013468.D

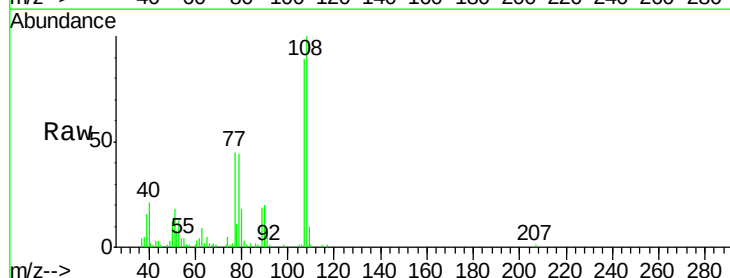
Acq: 16 Dec 2017 08:48

Tgt Ion: 108 Resp: 103546

Ion Ratio Lower Upper

108 100

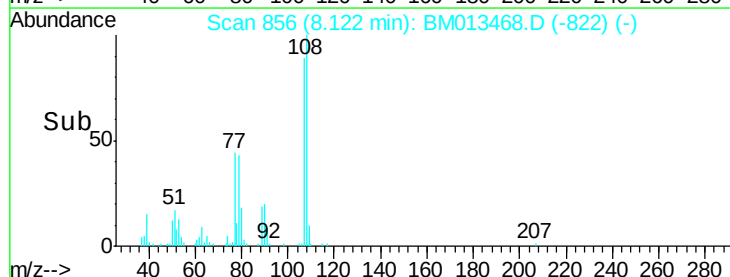
107 88.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): BM013461.D (-849) (-)

Ion 107.00 (106.70 to 107.70): BM013461.D (-849) (-)

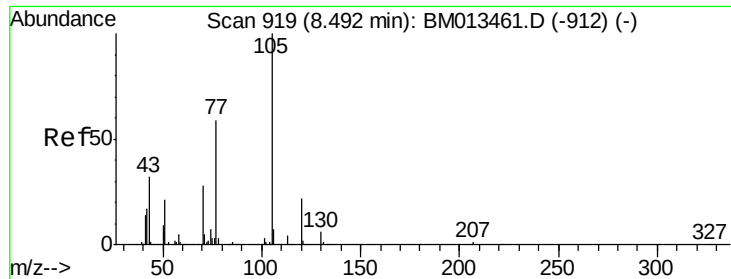
Time-->



Abundance Ion 108.00 (107.70 to 108.70): BM013468.D (-822) (-)

Ion 107.00 (106.70 to 107.70): BM013468.D (-822) (-)

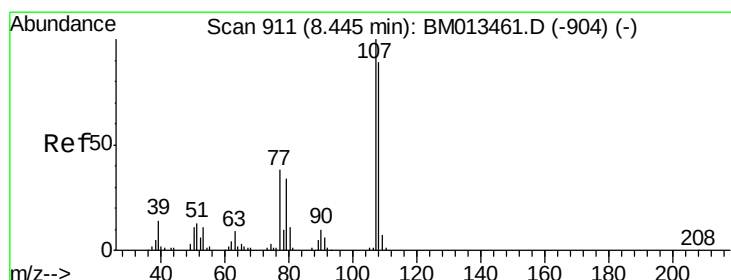
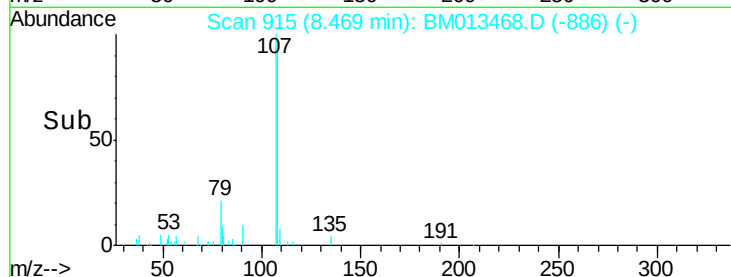
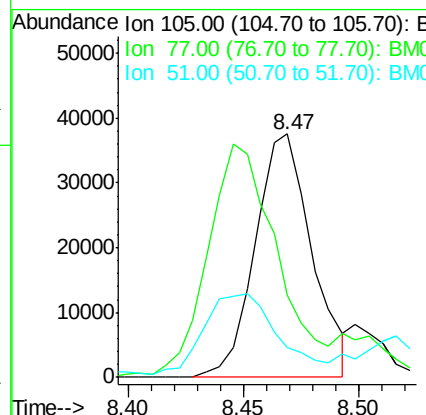
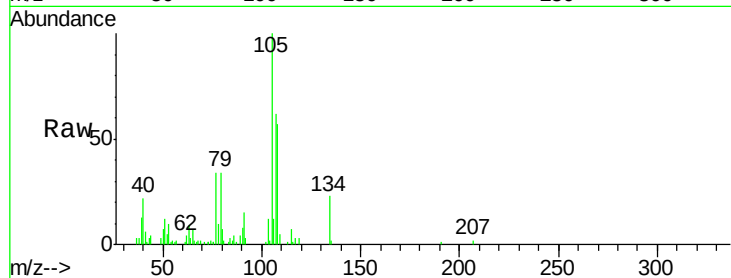
Time-->



#14
 Acetophenone
 Concen: 2.20 ng/ul
 RT: 8.47 min Scan# 915
 Delta R.T. -0.03 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

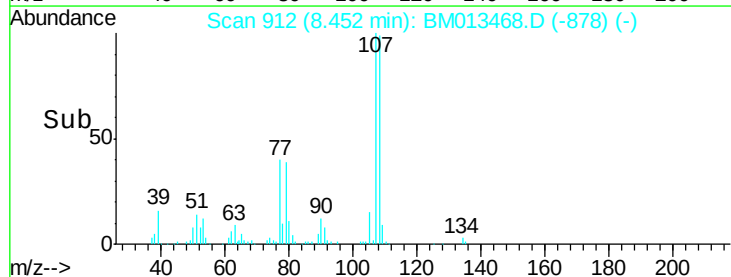
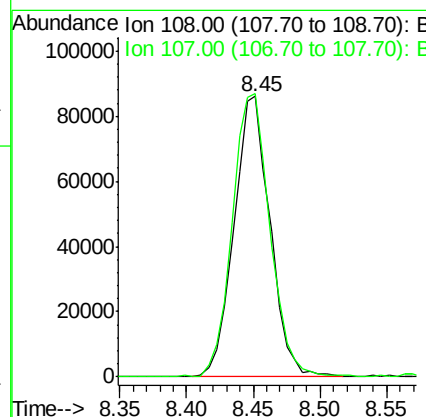
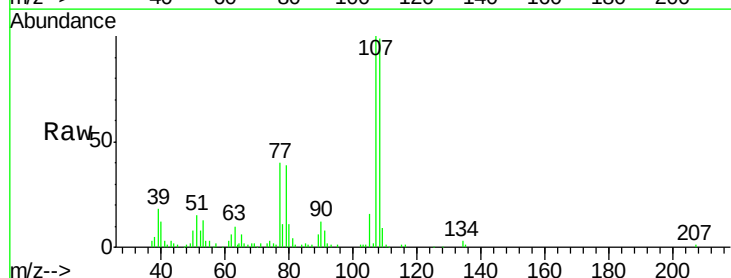
Instrument :
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 F9A10

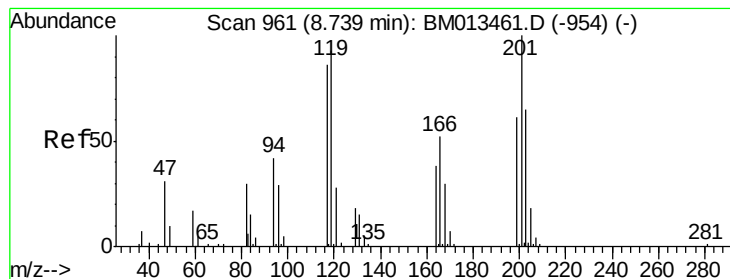
Tgt Ion:105 Resp: 64219
 Ion Ratio Lower Upper
 105 100
 77 33.7 74.2 111.4#
 51 12.2 23.4 35.2#



#16
 4-Methylphenol
 Concen: 8.79 ng/ul
 RT: 8.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Tgt Ion:108 Resp: 161599
 Ion Ratio Lower Upper
 108 100
 107 101.0 84.9 127.3





#17

Hexachloroethane

Concen: 5.23 ng/ul

RT: 8.77 min Scan# 966

Delta R.T. 0.03 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

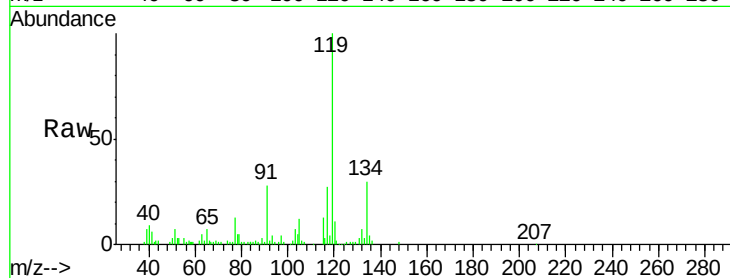
Tgt Ion:117 Resp: 39250

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

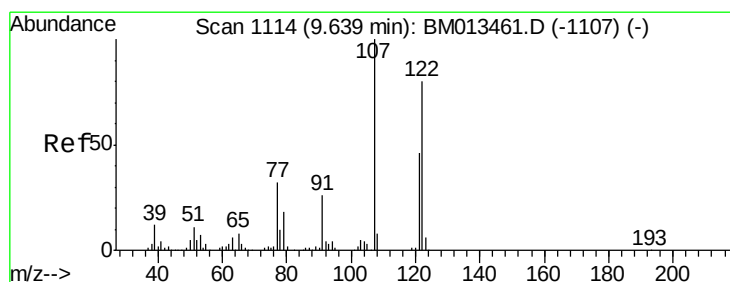
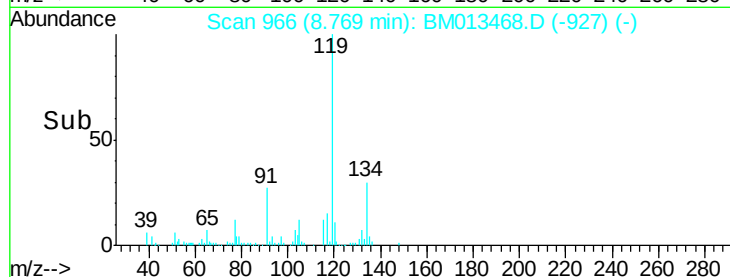
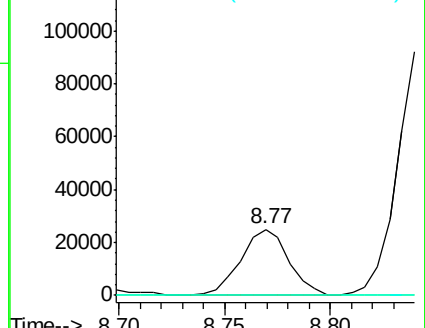
199 0.0 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#24

2,4-Dimethylphenol

Concen: 25.03 ng/ul

RT: 9.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

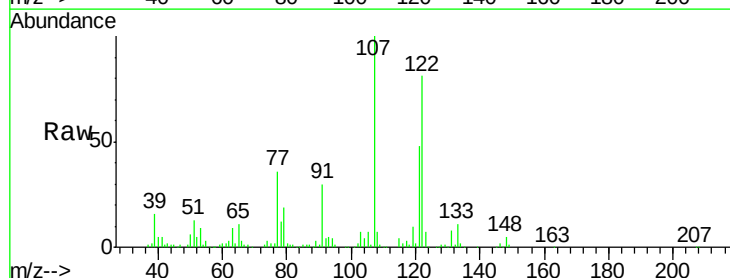
Tgt Ion:107 Resp: 566442

Ion Ratio Lower Upper

107 100

121 48.3 31.9 47.9#

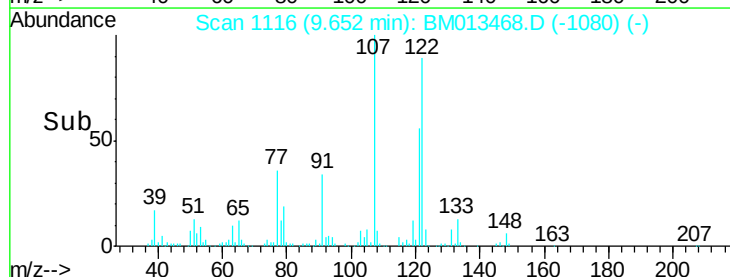
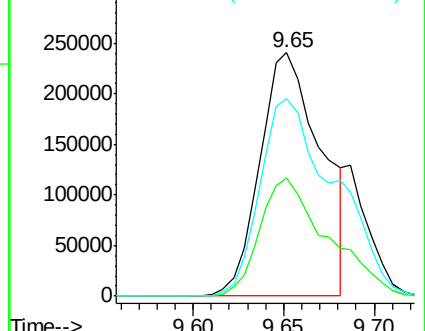
122 81.4 57.8 86.6

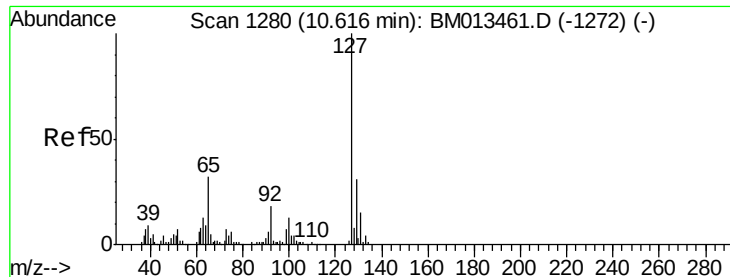


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

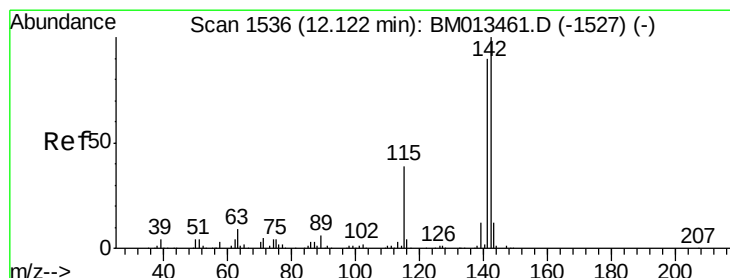
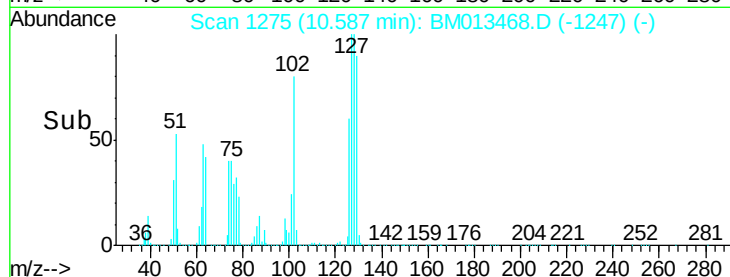
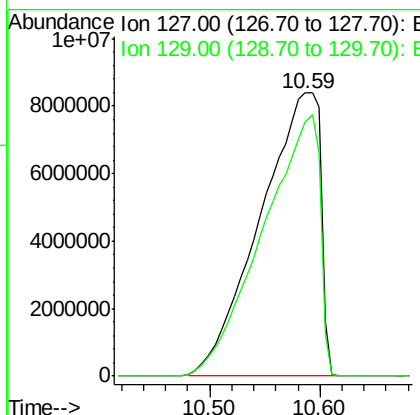
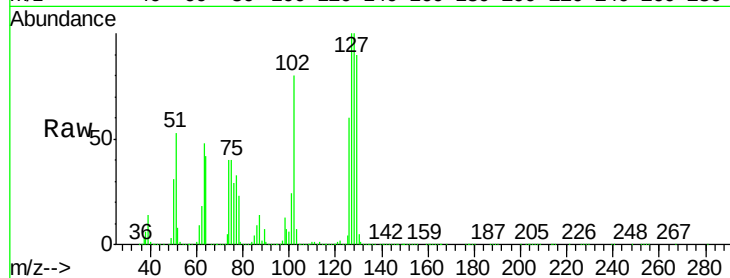




#30
 4-Chloroaniline
 Concen: 1723.87 ng/ul
 RT: 10.59 min Scan# 1275
 Delta R.T. -0.04 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

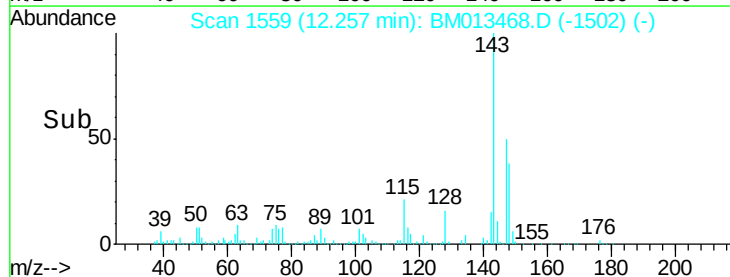
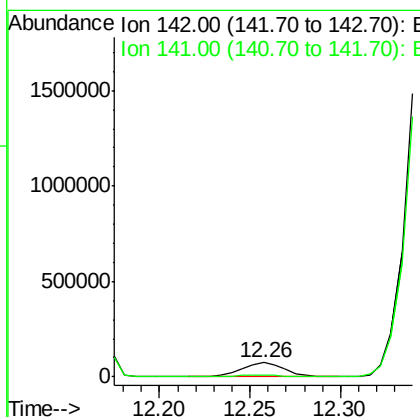
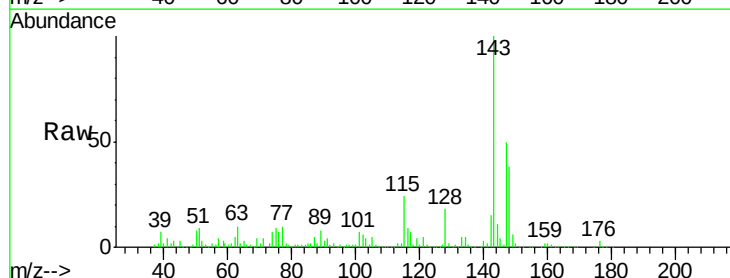
Instrument :
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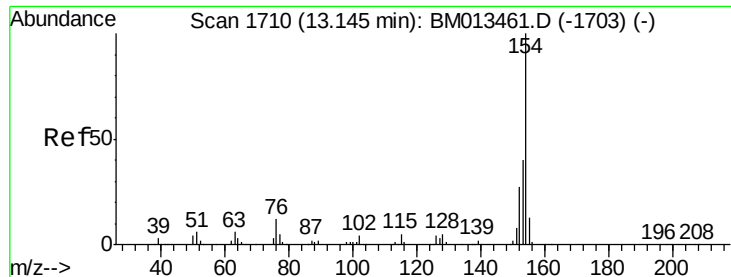
Tgt Ion:127 Resp:31630299
 Ion Ratio Lower Upper
 127 100
 129 89.8 28.4 42.6#



#34
 2-Methylnaphthalene
 Concen: 2.63 ng/ul
 RT: 12.26 min Scan# 1559
 Delta R.T. 0.14 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Tgt Ion:142 Resp: 119858
 Ion Ratio Lower Upper
 142 100
 141 13.4 74.1 111.1#





#40

1,1'-Biphenyl

Concen: 2397.24 ng/ul

RT: 13.16 min Scan# 1712

Delta R.T. 0.01 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

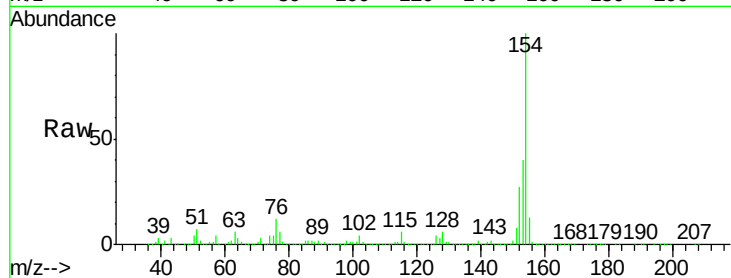
Tgt Ion:154 Resp: 9107373

Ion Ratio Lower Upper

154 100

153 40.3 32.6 48.8

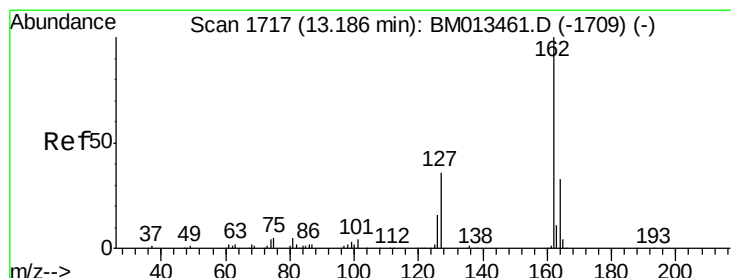
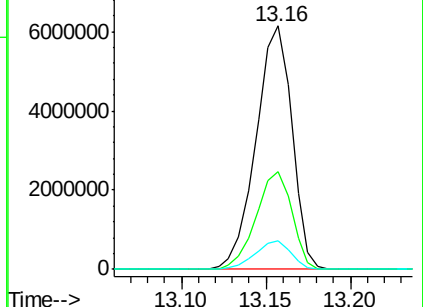
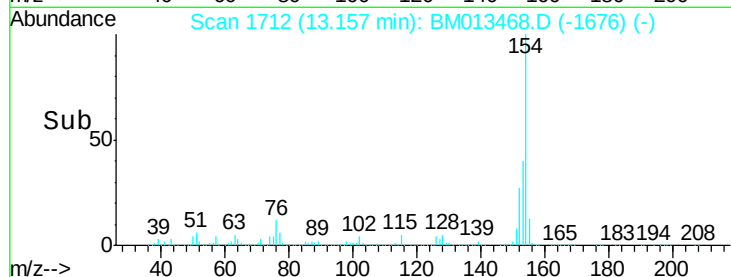
76 11.7 8.5 12.7



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



#41

2-Chloronaphthalene

Concen: 29.24 ng/ul

RT: 13.30 min Scan# 1736

Delta R.T. 0.11 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

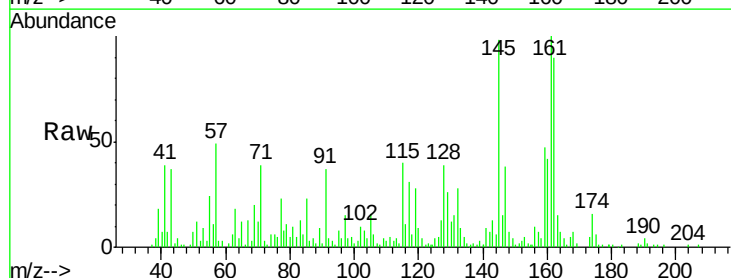
Tgt Ion:162 Resp: 87166

Ion Ratio Lower Upper

162 100

164 7.5 25.9 38.9#

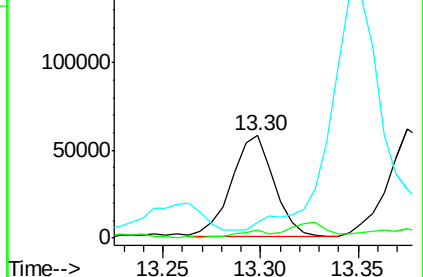
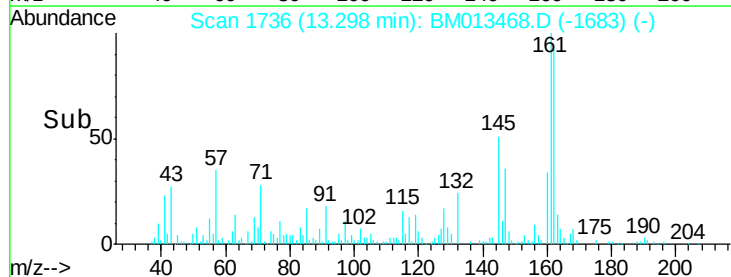
127 15.0 29.4 44.2#

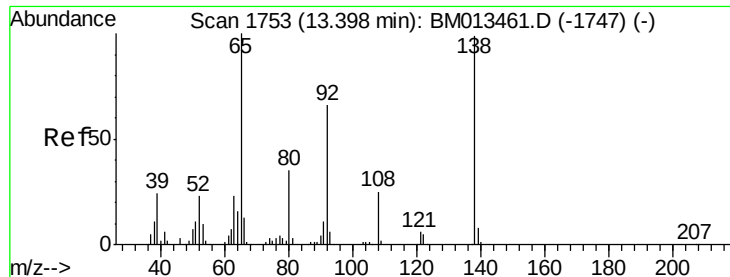


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#42

2-Nitroaniline

Concen: 68.78 ng/ul

RT: 13.48 min Scan# 1767

Delta R.T. 0.08 min

Lab File: BM013468.D

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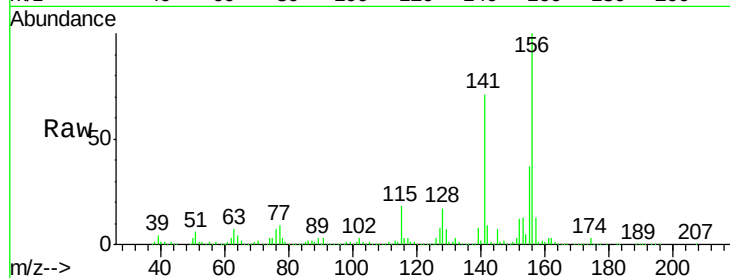
Tgt Ion: 65 Resp: 60058

Ion Ratio Lower Upper

65 100

92 19.7 51.8 77.6#

138 22.4 74.2 111.4#

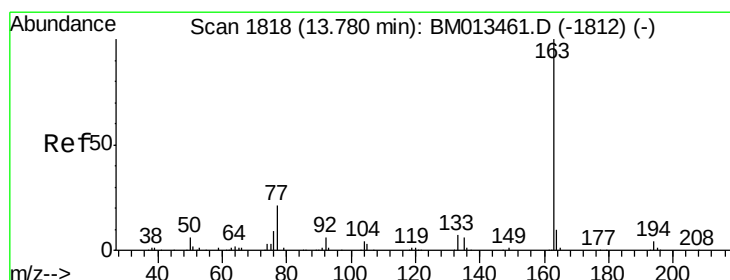
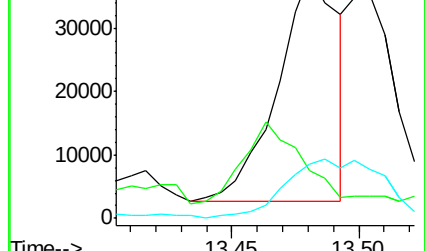
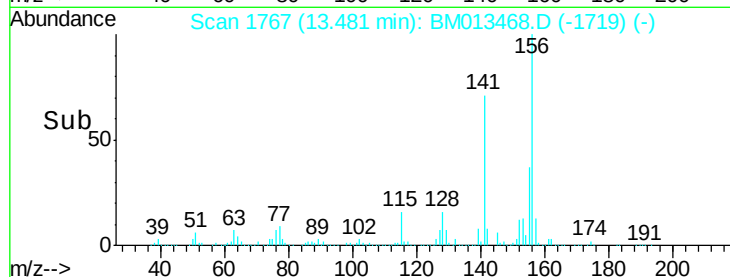


Abundance Ion 65.00 (64.70 to 65.70): BM013468.D (-1719) (-)

Ion 92.00 (91.70 to 92.70): BM013468.D (-1719) (-)

Ion 138.00 (137.70 to 138.70): BM013468.D (-1719) (-)

Time-->



#44

Dimethylphthalate

Concen: 12.57 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

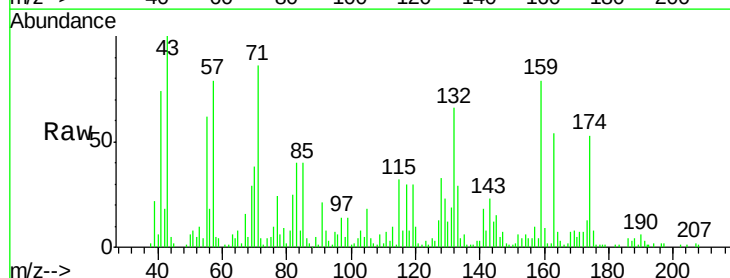
Tgt Ion: 163 Resp: 48103

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 12.3 8.2 12.4

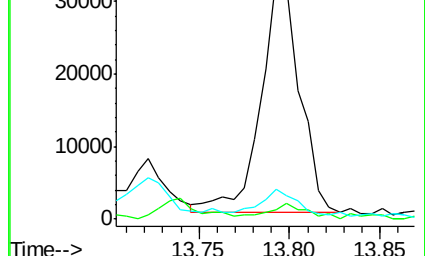
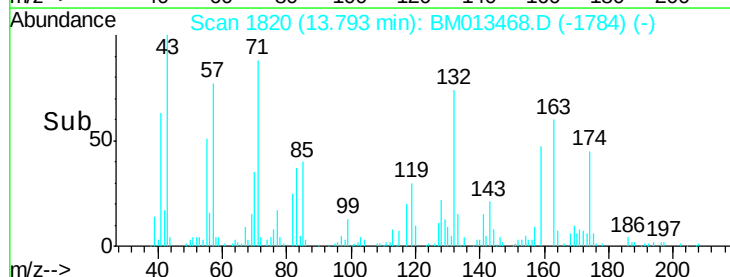


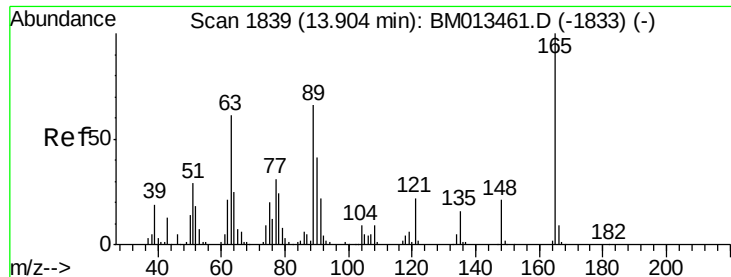
Abundance Ion 163.00 (162.70 to 163.70): BM013468.D (-1784) (-)

Ion 194.00 (193.70 to 194.70): BM013468.D (-1784) (-)

Ion 164.00 (163.70 to 164.70): BM013468.D (-1784) (-)

Time-->

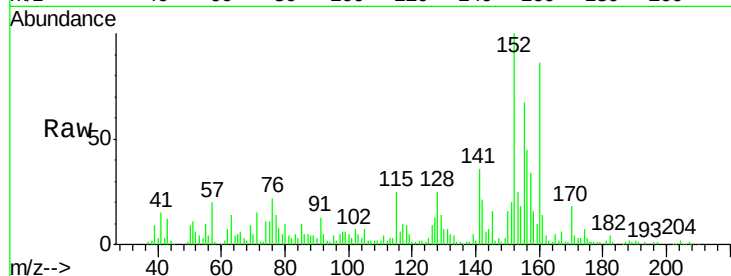




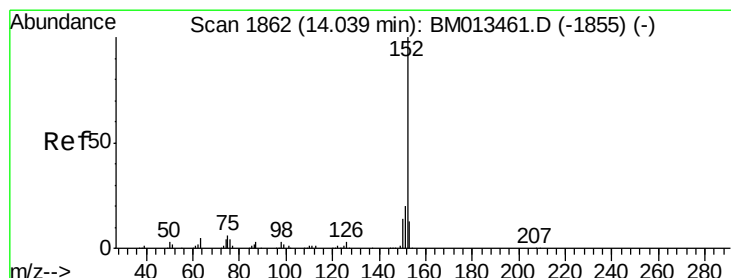
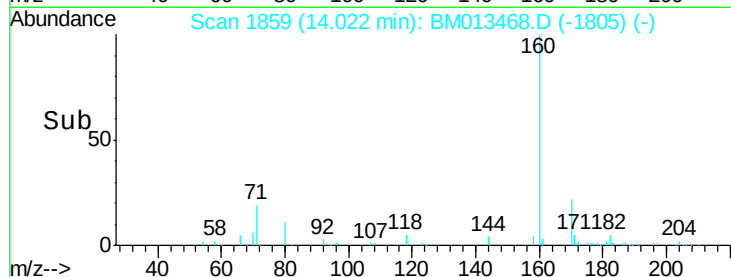
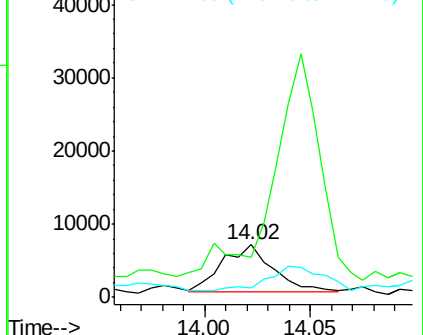
#45
2,6-Dinitrotoluene
Concen: 13.41 ng/ul
RT: 14.02 min Scan# 1859
Delta R.T. 0.12 min
Lab File: BM013468.D
Acq: 16 Dec 2017 08:48

Instrument :
BNA_M
ClientSampleId :
F9A10

Tgt Ion:165 Resp: 10462
Ion Ratio Lower Upper
165 100
89 75.4 52.6 79.0
121 18.9 14.6 22.0

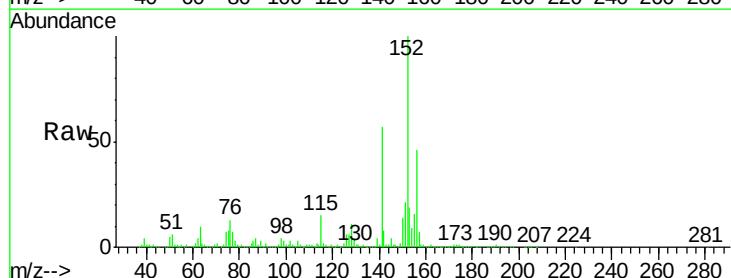


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM013461.D (-1833) (-)
Ion 121.00 (120.70 to 121.70): E

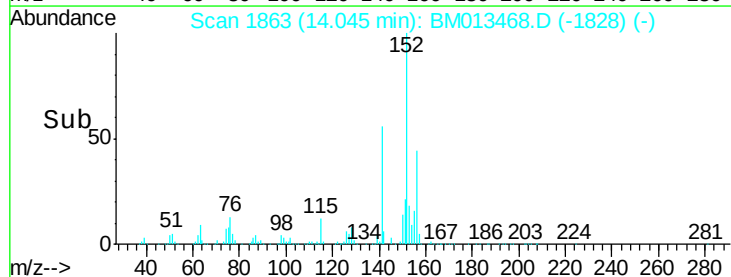
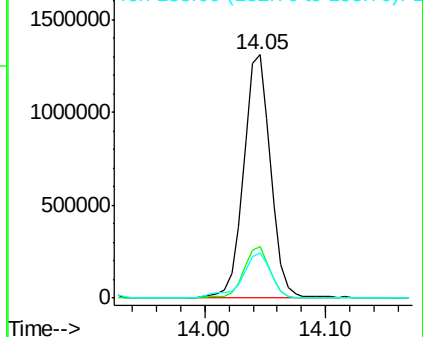


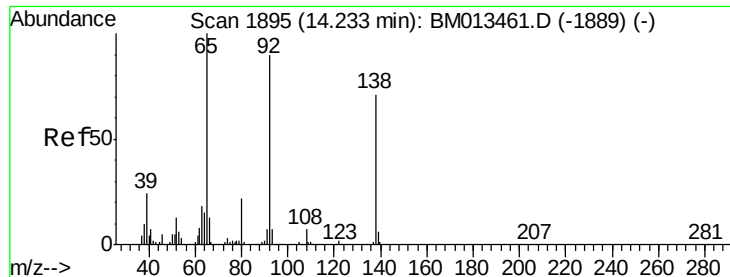
#47
Acenaphthylene
Concen: 445.16 ng/ul
RT: 14.05 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BM013468.D
Acq: 16 Dec 2017 08:48

Tgt Ion:152 Resp: 2033564
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 18.6 10.2 15.4#



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

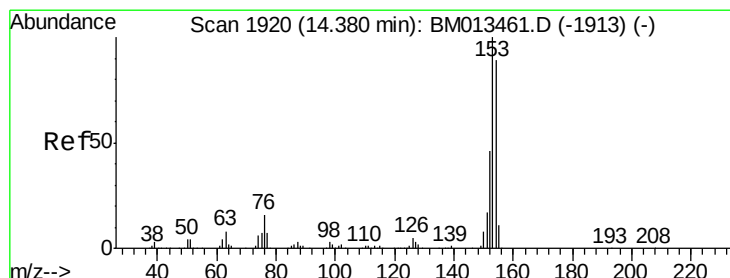
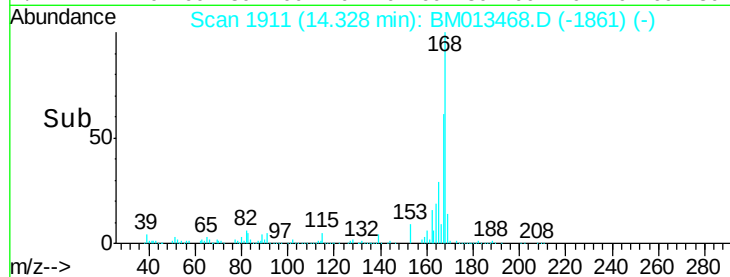
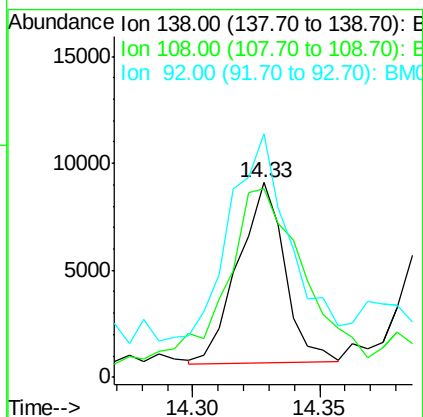
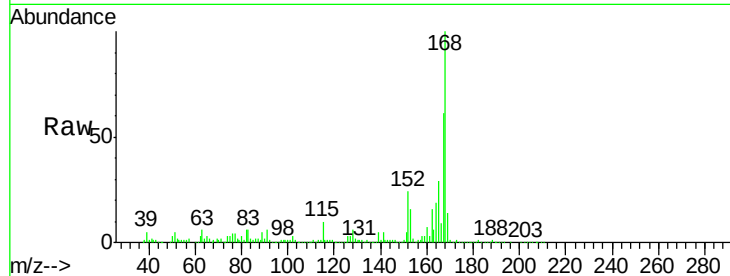




#48
 3-Nitroaniline
 Concen: 15.54 ng/ul
 RT: 14.33 min Scan# 1911
 Delta R.T. 0.09 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

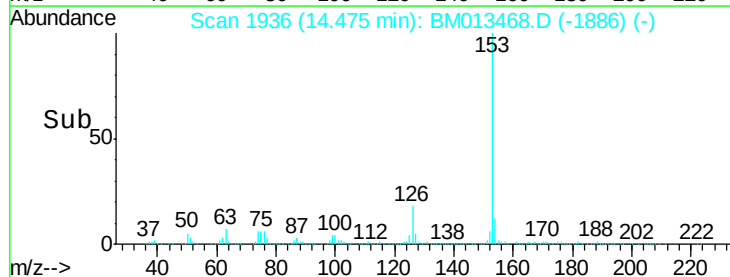
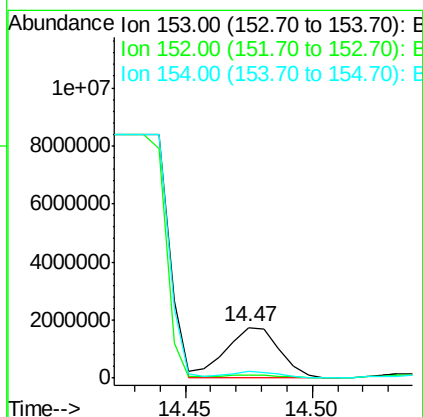
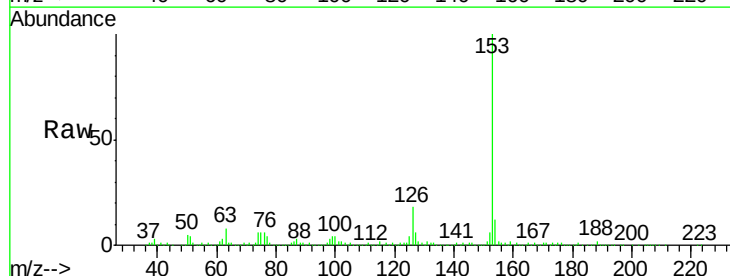
Instrument :
 BNA_M
 ClientSampled :
 F9A10

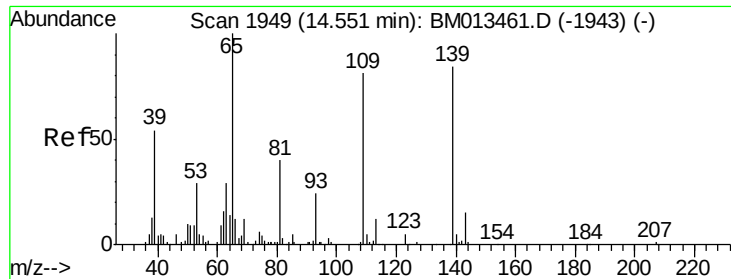
Tgt Ion:138 Resp: 10837
 Ion Ratio Lower Upper
 138 100
 108 96.9 9.9 14.9#
 92 125.0 105.0 157.4



#49
 Acenaphthene
 Concen: 816.52 ng/ul
 RT: 14.47 min Scan# 1936
 Delta R.T. 0.09 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Tgt Ion:153 Resp: 2540914
 Ion Ratio Lower Upper
 153 100
 152 6.4 37.6 56.4#
 154 12.3 70.4 105.6#

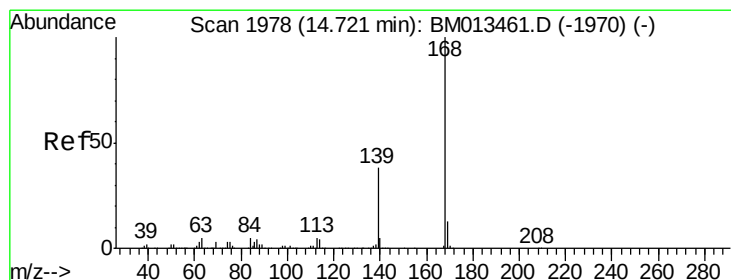
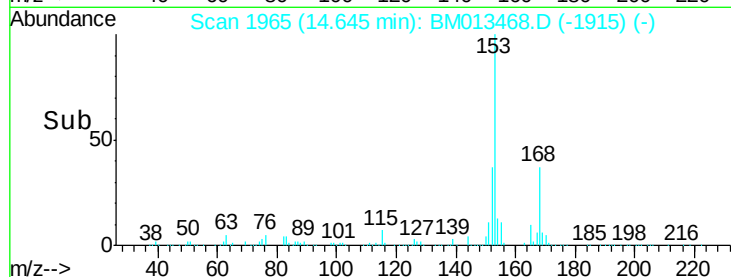
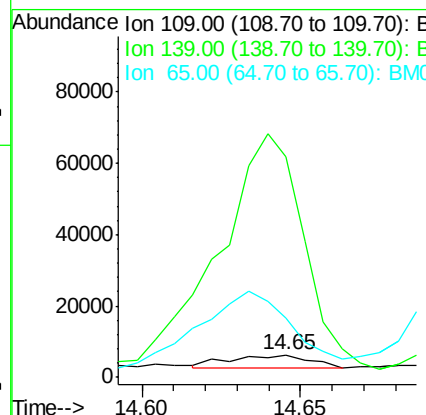
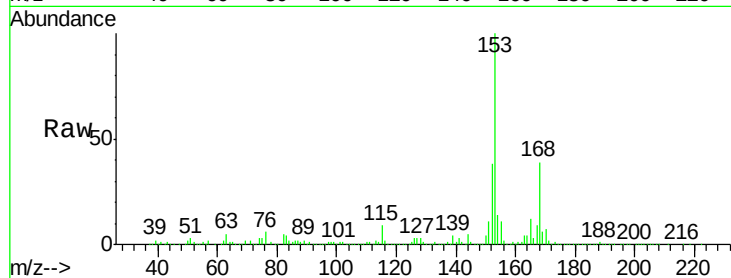




#52
4-Nitrophenol
Concen: 9.99 ng/ul
RT: 14.65 min Scan# 1965
Delta R.T. 0.09 min
Lab File: BM013468.D
Acq: 16 Dec 2017 08:48

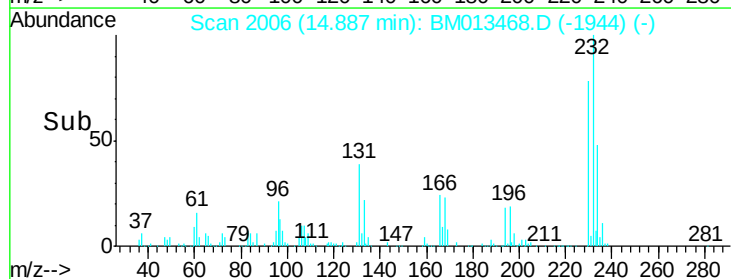
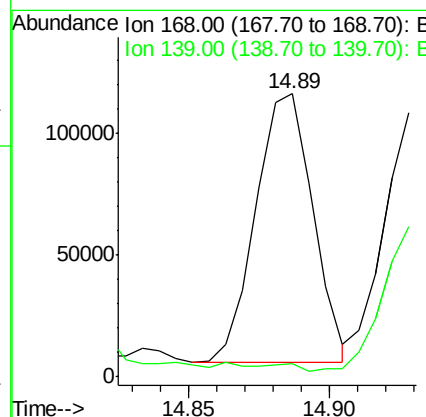
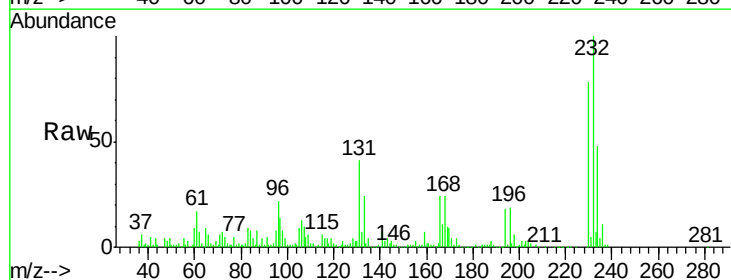
Instrument :
BNA_M
ClientSampleId :
F9A10

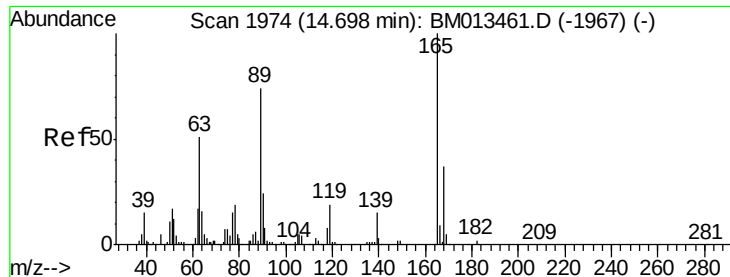
Tgt Ion:109 Resp: 6810
Ion Ratio Lower Upper
109 100
139 969.2 80.0 120.0#
65 260.3 120.0 180.0#



#53
Dibenzofuran
Concen: 33.68 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. 0.16 min
Lab File: BM013468.D
Acq: 16 Dec 2017 08:48

Tgt Ion:168 Resp: 154702
Ion Ratio Lower Upper
168 100
139 4.9 30.8 46.2#

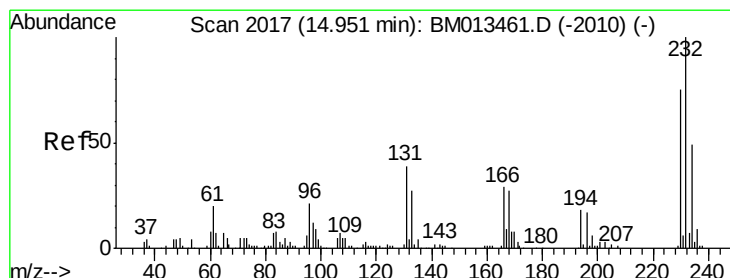
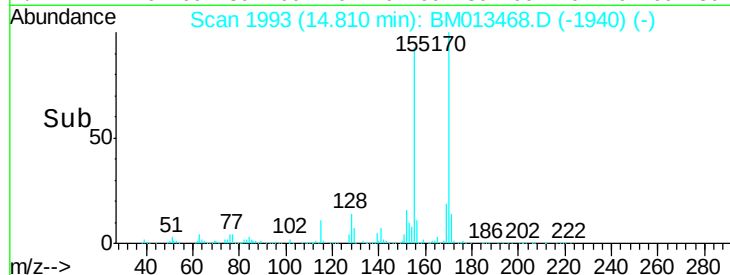
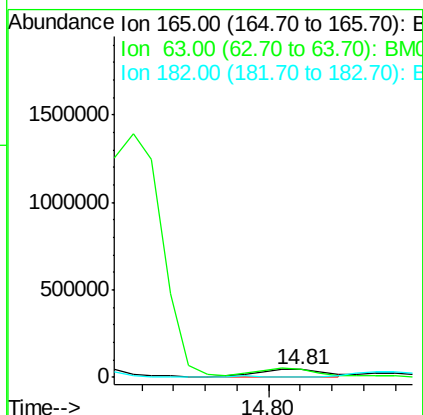
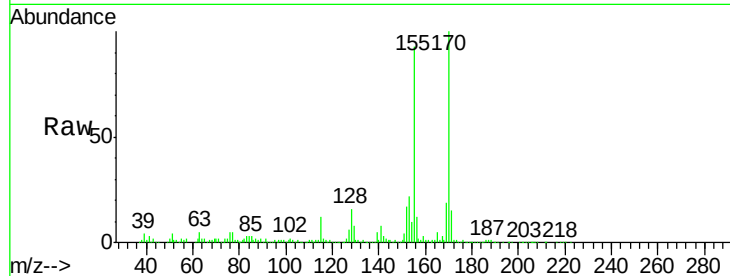




#54
 2,4-Dinitrotoluene
 Concen: 51.86 ng/ul
 RT: 14.81 min Scan# 1993
 Delta R.T. 0.11 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

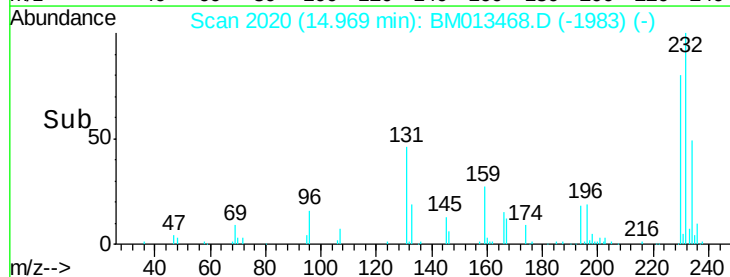
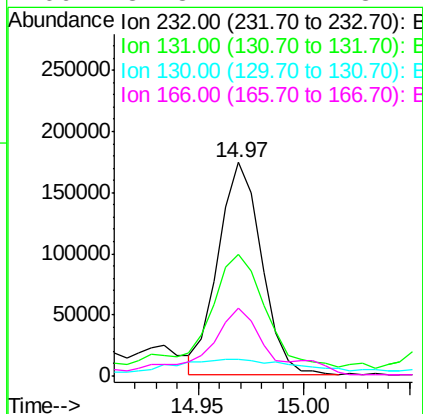
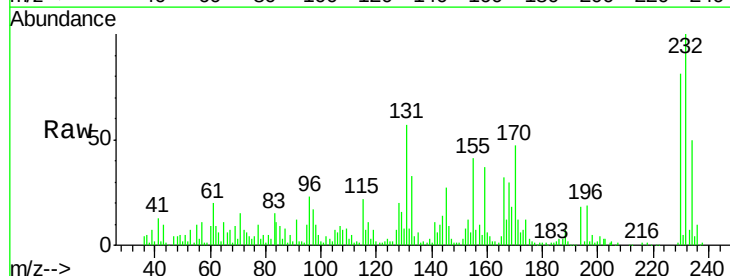
Instrument :
 BNA_M
 ClientSampleId :
 F9A10

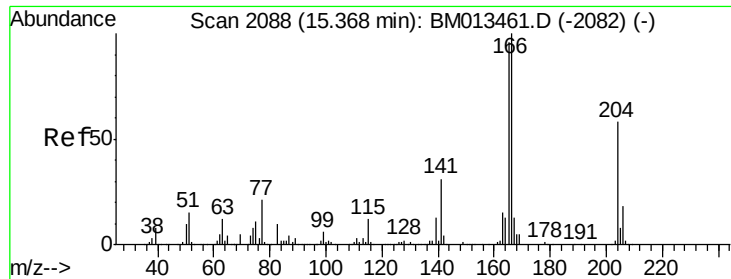
Tgt Ion:165 Resp: 58863
 Ion Ratio Lower Upper
 165 100
 63 101.4 45.8 68.8#
 182 2.6 2.6 4.0#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 250.91 ng/ul
 RT: 14.97 min Scan# 2020
 Delta R.T. 0.02 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Tgt Ion:232 Resp: 247115
 Ion Ratio Lower Upper
 232 100
 131 56.8 29.0 43.4#
 130 7.7 2.0 3.0#
 166 31.8 21.4 32.2





#58

Fluorene

Concen: 36.92 ng/ul

RT: 15.52 min Scan# 2113

Delta R.T. 0.15 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

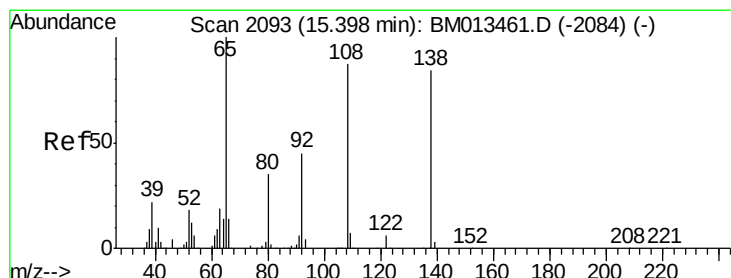
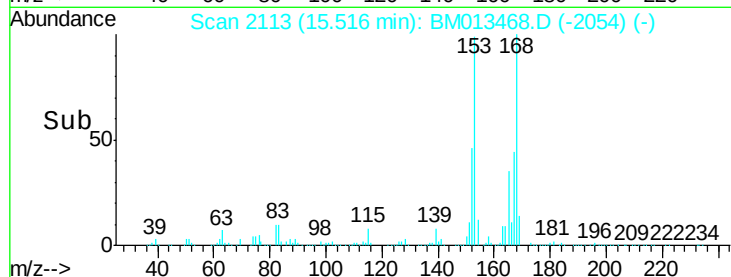
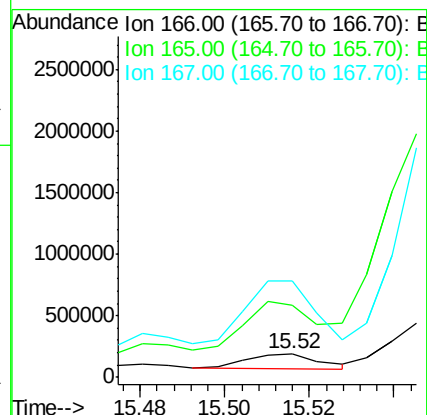
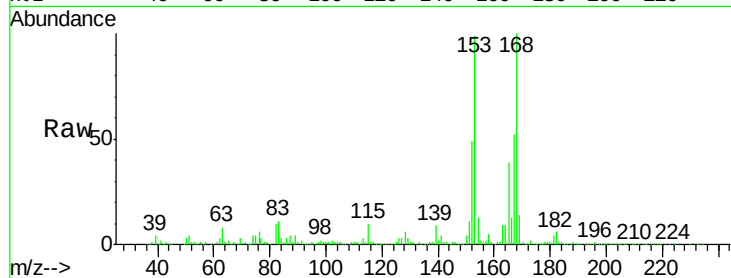
Tgt Ion:166 Resp: 140321

Ion Ratio Lower Upper

166 100

165 302.5 77.9 116.9#

167 409.6 10.6 16.0#



#60

4-Nitroaniline

Concen: 19.09 ng/ul

RT: 15.51 min Scan# 2112

Delta R.T. 0.11 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

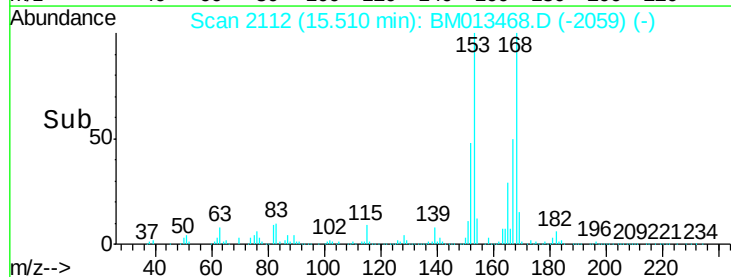
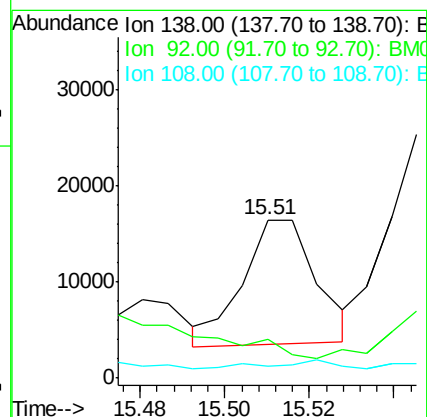
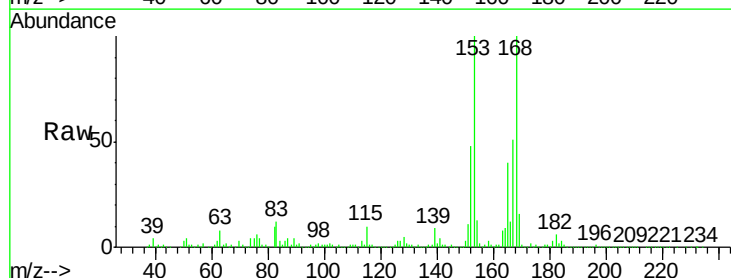
Tgt Ion:138 Resp: 15710

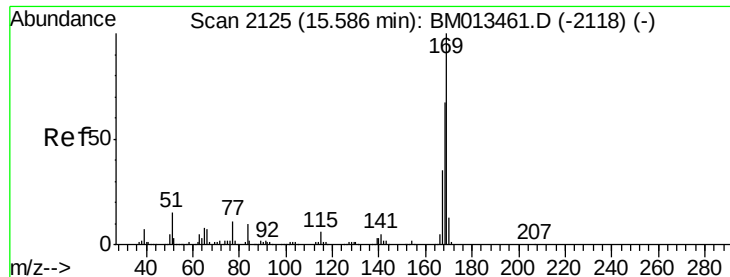
Ion Ratio Lower Upper

138 100

92 24.5 40.0 60.0#

108 7.3 80.0 120.0#





#64

N-Nitrosodiphenylamine

Concen: 14.84 ng/ul

RT: 15.75 min Scan# 2153

Delta R.T. 0.16 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

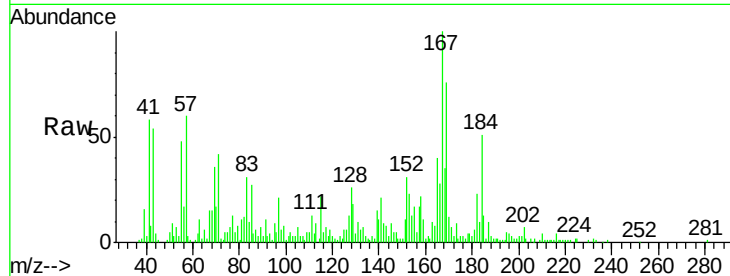
Tgt Ion:169 Resp: 116275

Ion Ratio Lower Upper

169 100

168 45.4 54.0 81.0#

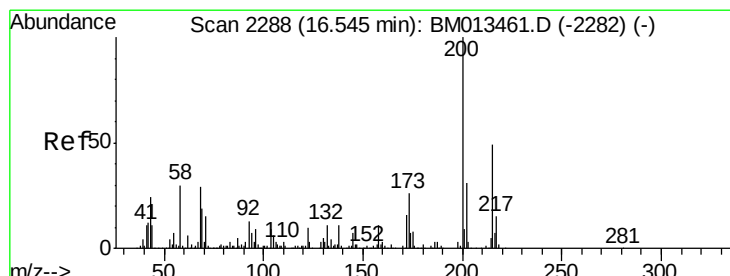
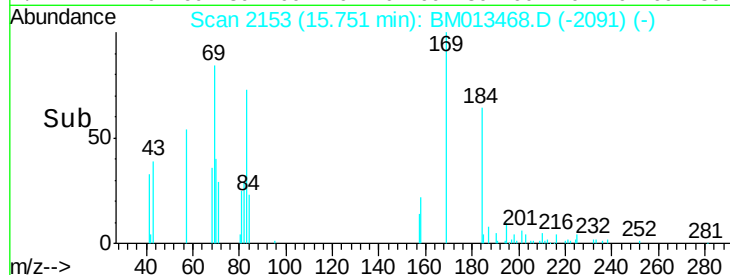
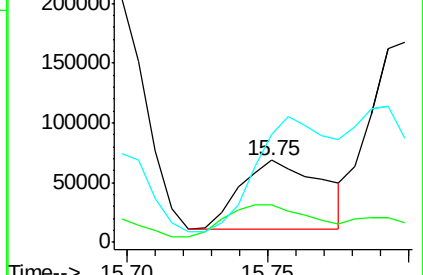
167 131.1 29.1 43.7#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67

Atrazine

Concen: 790.77 ng/ul

RT: 16.80 min Scan# 2331

Delta R.T. 0.25 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

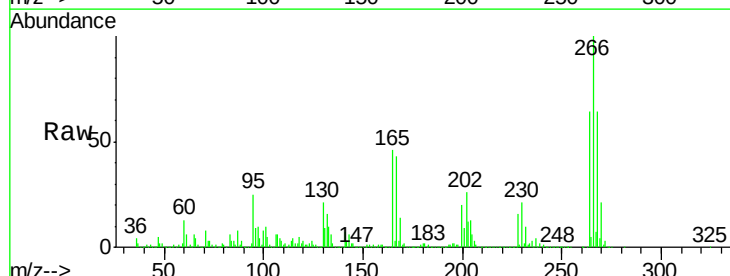
Tgt Ion:200 Resp: 2286512

Ion Ratio Lower Upper

200 100

173 0.3 18.2 27.2#

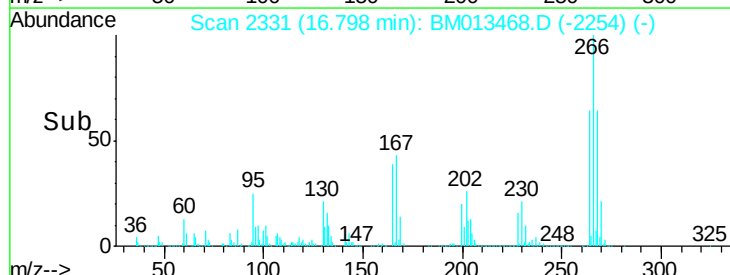
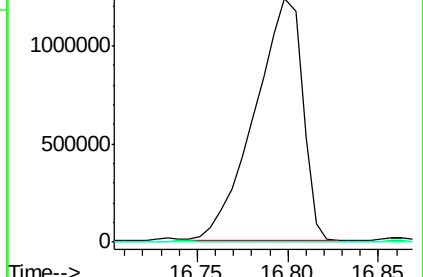
215 0.3 35.0 52.4#

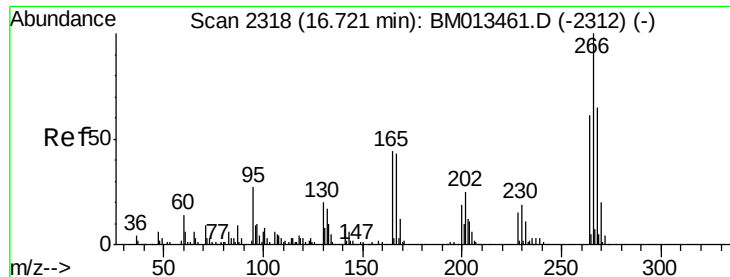


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

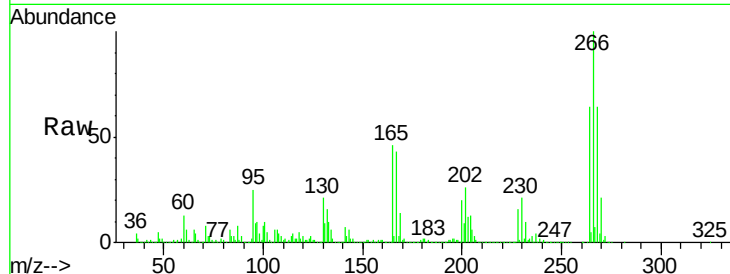




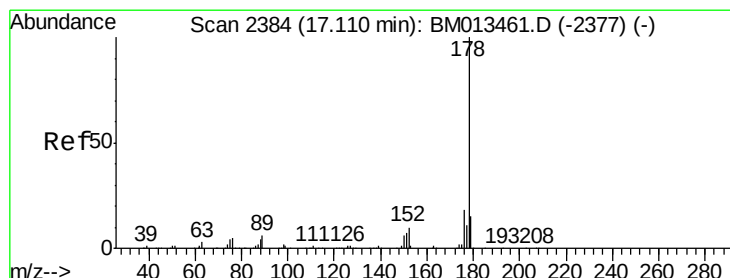
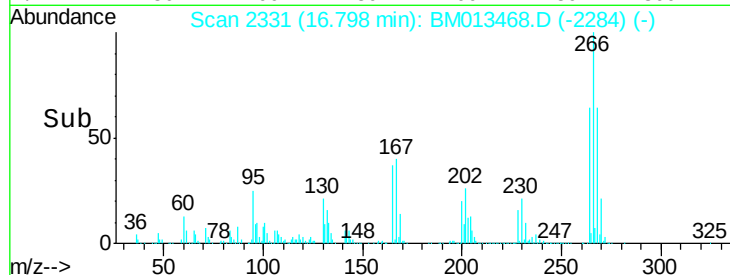
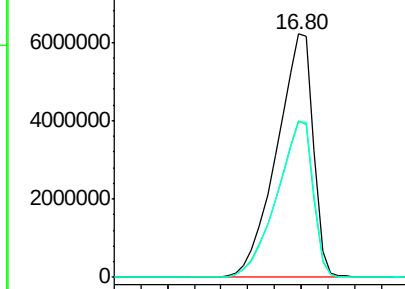
#68
 Pentachlorophenol
 Concen: 5921.92 ng/ul
 RT: 16.80 min Scan# 2331
 Delta R.T. 0.08 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Instrument :
 BNA_M
 ClientSampleId :
 F9A10

Tgt Ion:266 Resp:11808012
 Ion Ratio Lower Upper
 266 100
 264 64.1 49.3 73.9
 268 63.6 52.6 78.8

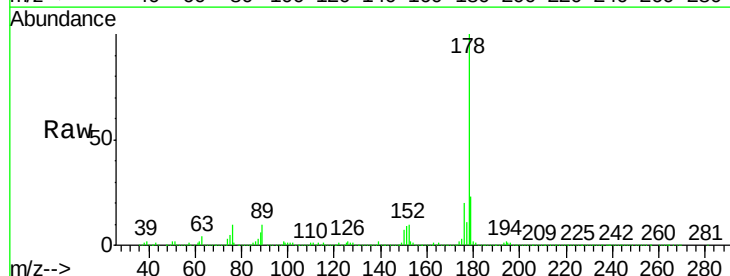


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

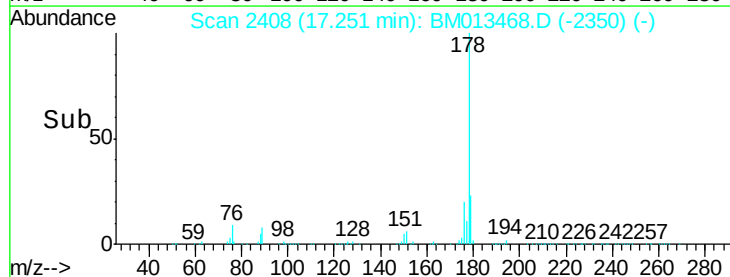
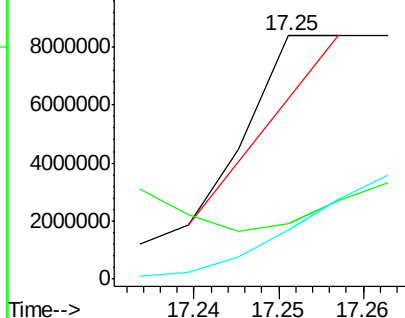


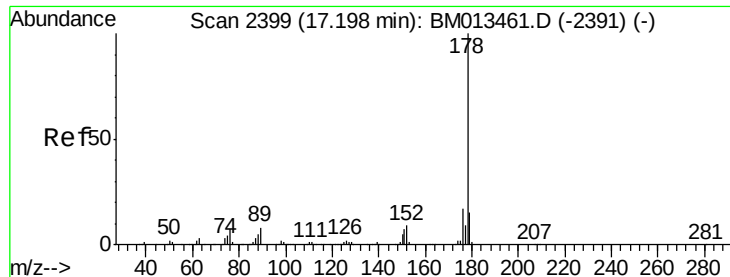
#69
 Phenanthrene
 Concen: 158.24 ng/ul
 RT: 17.25 min Scan# 2408
 Delta R.T. 0.14 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Tgt Ion:178 Resp: 2390662
 Ion Ratio Lower Upper
 178 100
 179 22.9 12.6 19.0#
 176 20.4 14.9 22.3



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

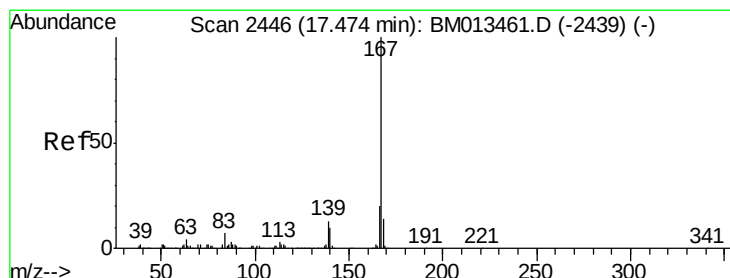
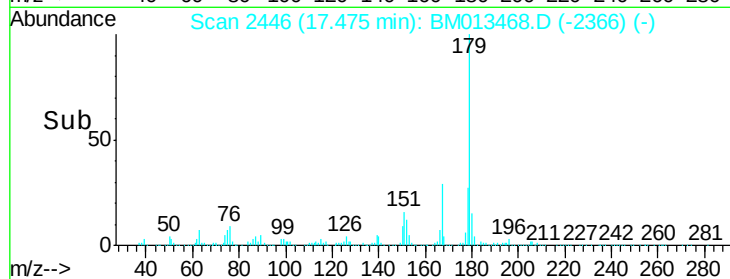
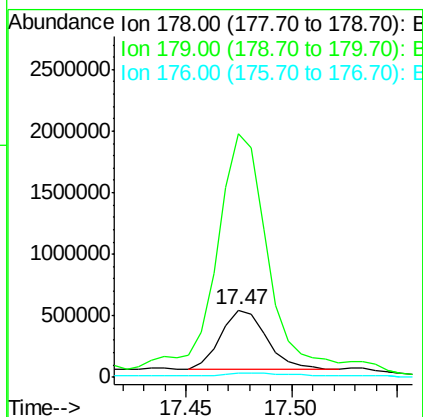
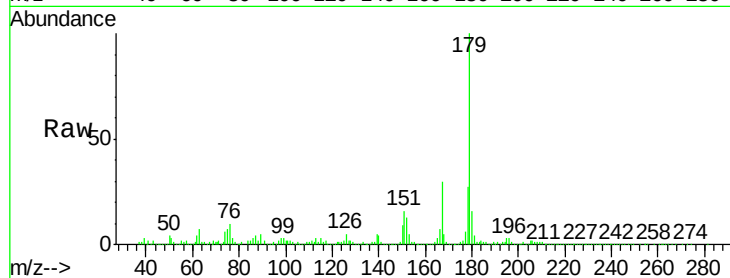




#71
 Anthracene
 Concen: 46.17 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. 0.27 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

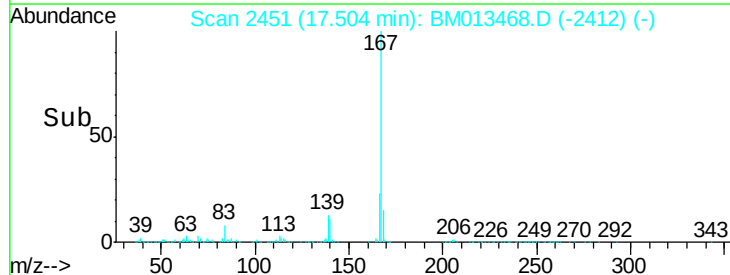
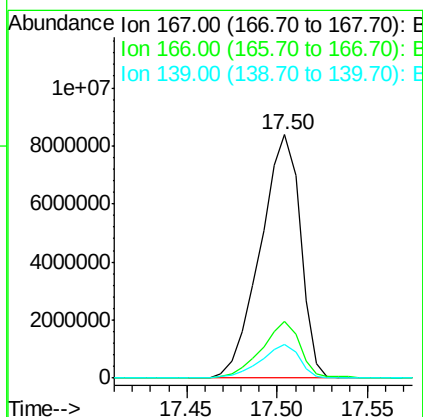
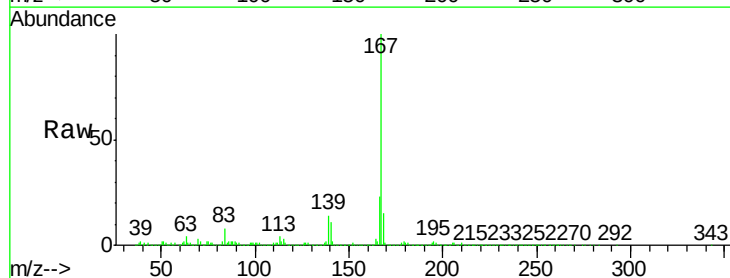
Instrument :
 BNA_M
 ClientSampled :
 F9A10

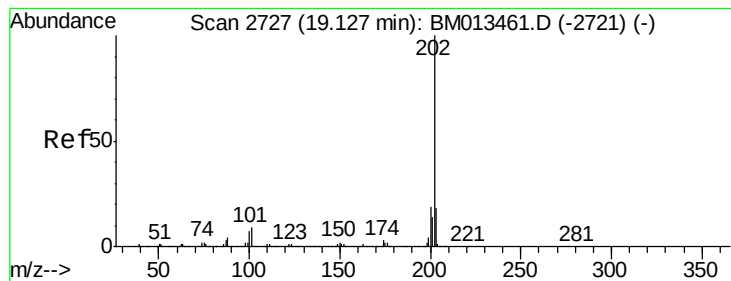
Tgt Ion:178 Resp: 712959
 Ion Ratio Lower Upper
 178 100
 179 363.7 11.7 17.5#
 176 5.5 14.6 21.8#



#72
 Carbazole
 Concen: 971.09 ng/ul
 RT: 17.50 min Scan# 2451
 Delta R.T. 0.03 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Tgt Ion:167 Resp:12899182
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.1 25.7
 139 13.9 10.0 15.0





#74

Fluoranthene

Concen: 9.00 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.17 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

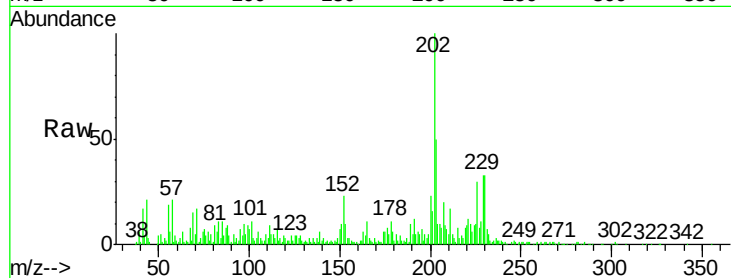
Tgt Ion:202 Resp: 166616

Ion Ratio Lower Upper

202 100

101 10.9 4.6 7.0#

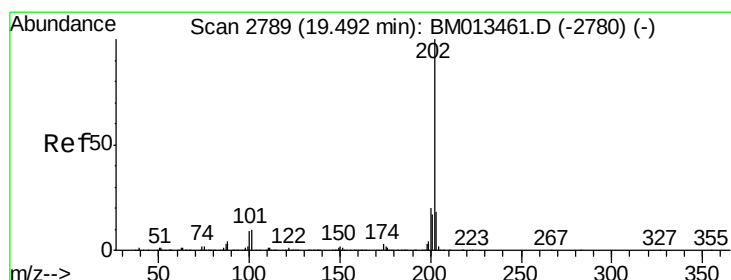
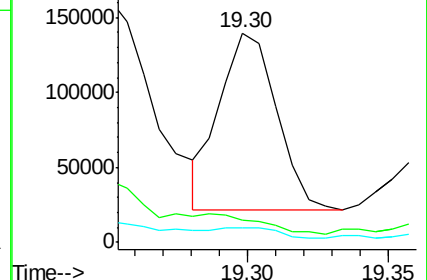
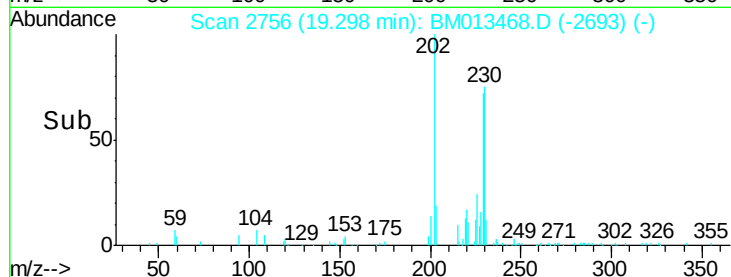
100 7.1 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 308.95 ng/ul

RT: 19.75 min Scan# 2833

Delta R.T. 0.26 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

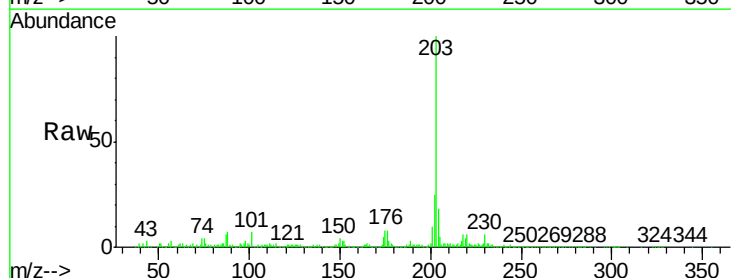
Tgt Ion:202 Resp: 244453

Ion Ratio Lower Upper

202 100

101 27.0 5.1 7.7#

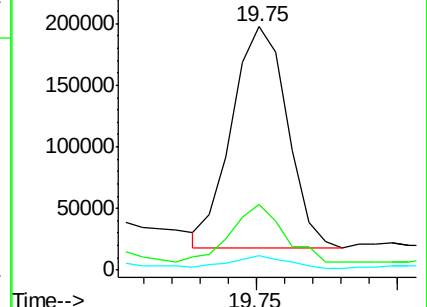
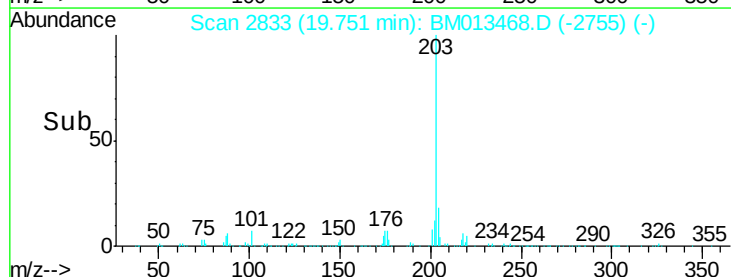
100 6.0 4.9 7.3

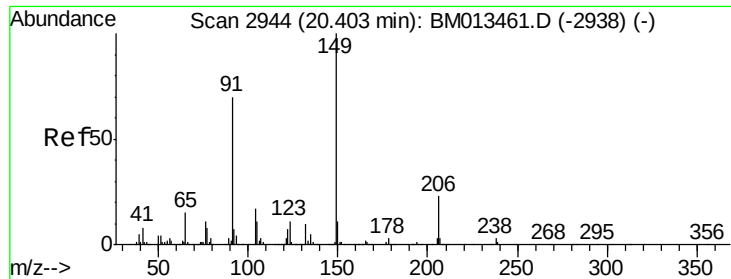


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

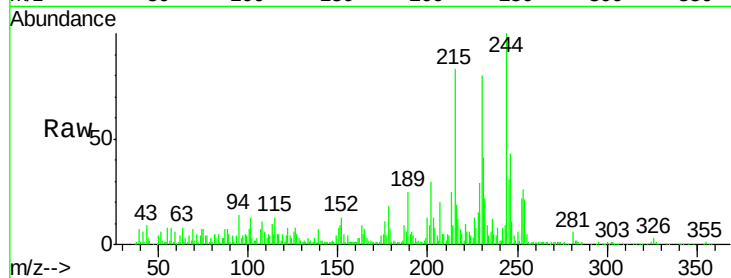




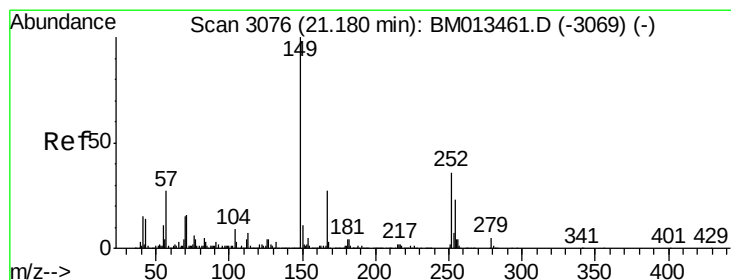
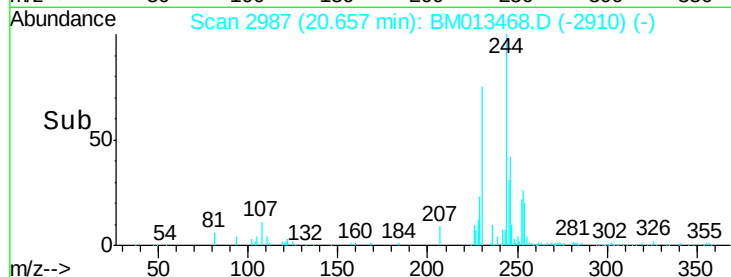
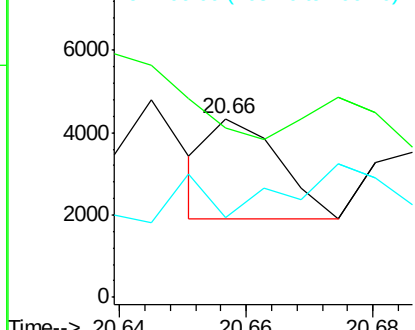
#78
 Butylbenzylphthalate
 Concen: 5.91 ng/ul
 RT: 20.66 min Scan# 2987
 Delta R.T. 0.25 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Instrument :
 BNA_M
 ClientSampleId :
 F9A10

Tgt Ion:149 Resp: 1827
 Ion Ratio Lower Upper
 149 100
 91 95.0 62.7 94.1#
 206 45.0 20.8 31.2#

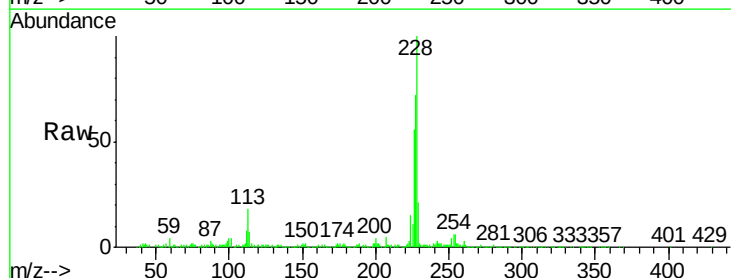


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E

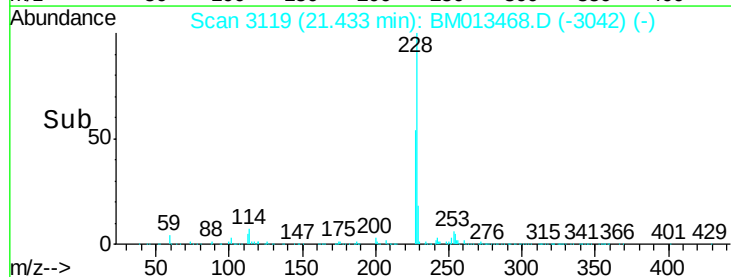
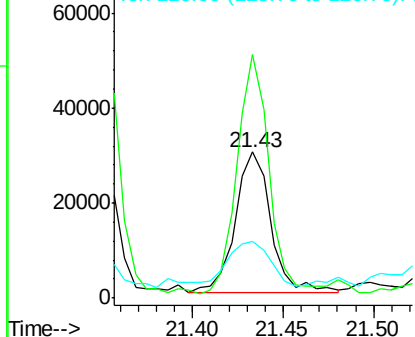


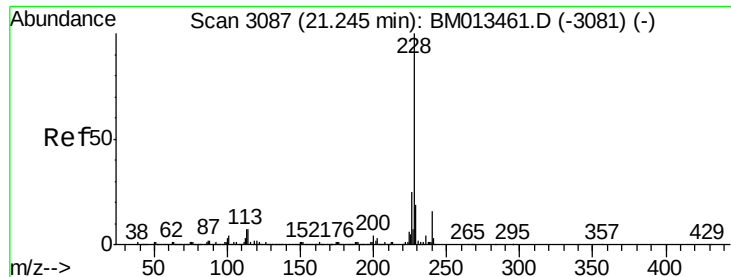
#79
 3,3'-Dichlorobenzidine
 Concen: 148.37 ng/ul
 RT: 21.43 min Scan# 3119
 Delta R.T. 0.25 min
 Lab File: BM013468.D
 Acq: 16 Dec 2017 08:48

Tgt Ion:252 Resp: 40621
 Ion Ratio Lower Upper
 252 100
 254 166.5 54.5 81.7#
 126 38.7 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 2171.16 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. 0.18 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

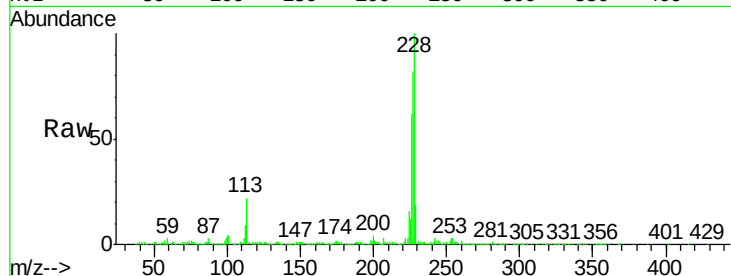
Tgt Ion:228 Resp: 1794117

Ion Ratio Lower Upper

228 100

229 18.9 15.4 23.0

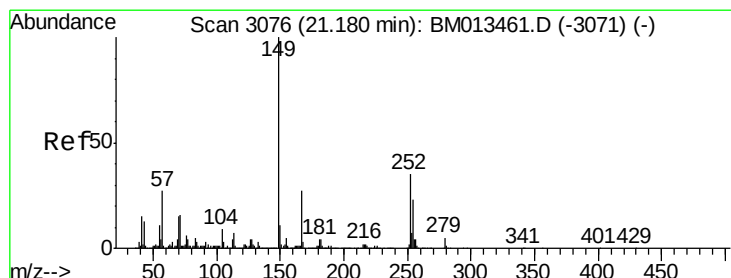
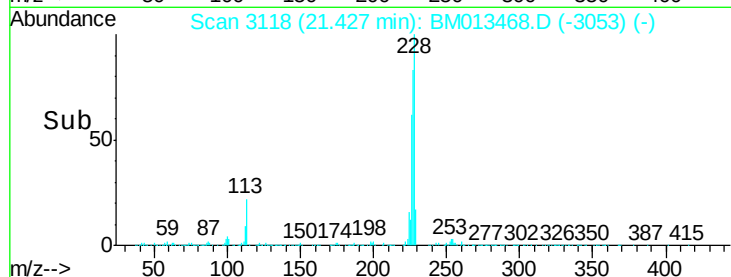
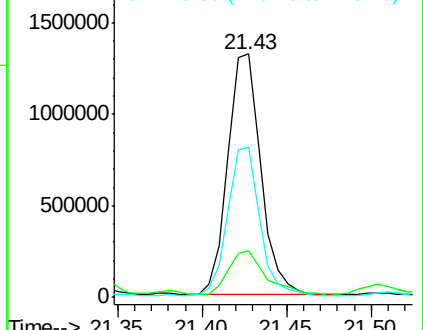
226 61.8 21.4 32.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 21.47 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. 0.24 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

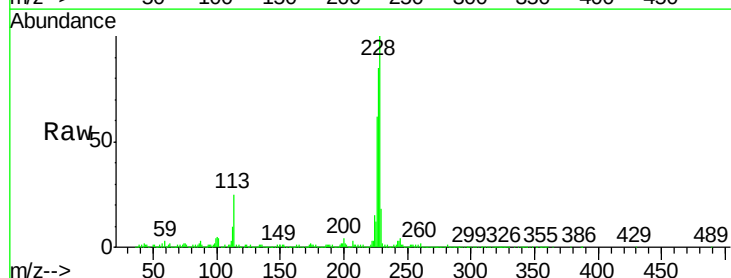
Tgt Ion:149 Resp: 10004

Ion Ratio Lower Upper

149 100

167 30.3 22.8 34.2

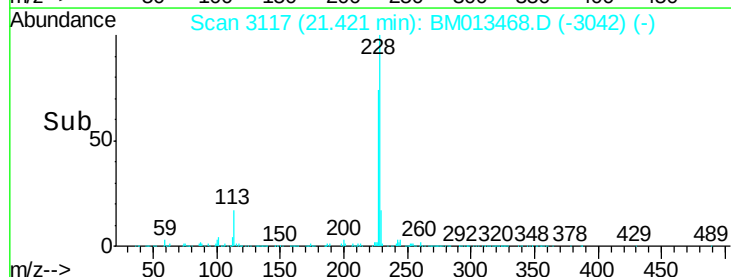
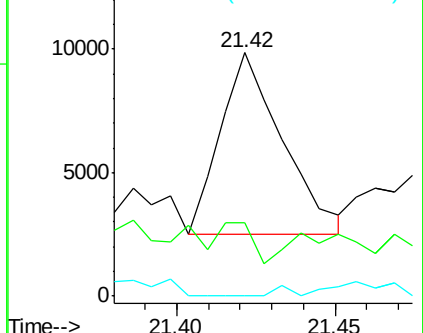
279 0.0 4.9 7.3#

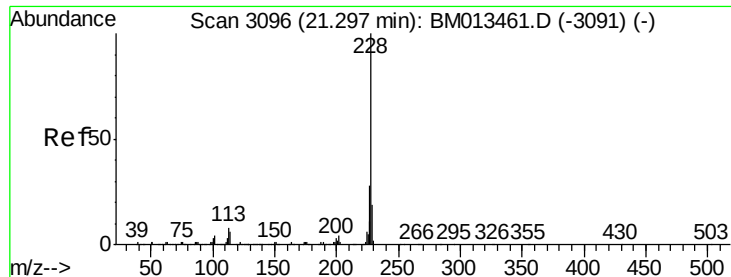


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 24.86 ng/ul

RT: 21.50 min Scan# 3131

Delta R.T. 0.21 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

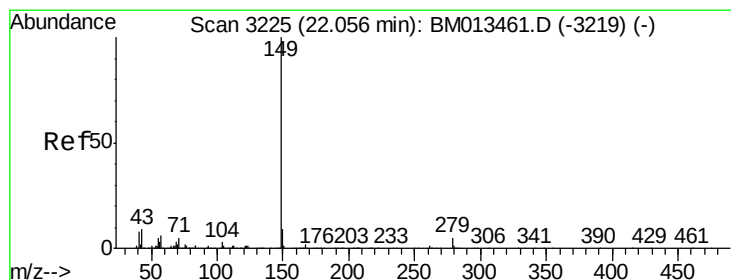
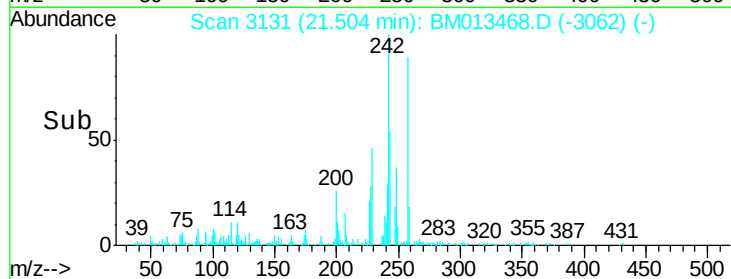
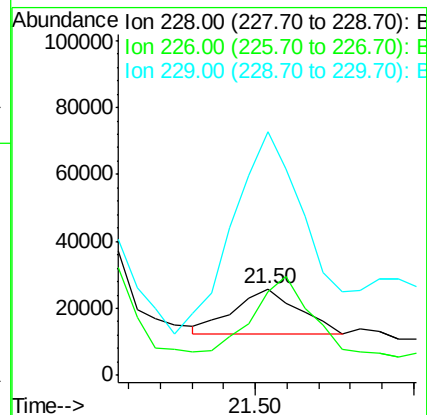
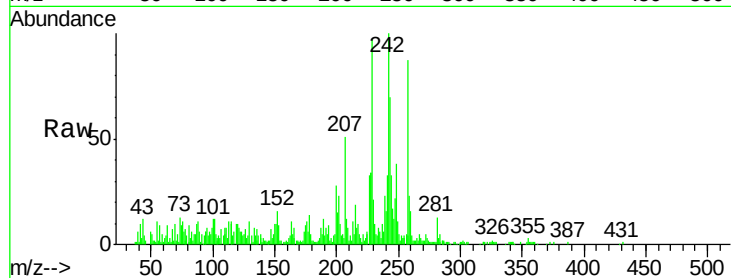
Tgt Ion:228 Resp: 19058

Ion Ratio Lower Upper

228 100

226 97.2 23.4 35.2#

229 282.6 15.5 23.3#



#84

Di-n-octyl phthalate

Concen: 1.29 ng/ul

RT: 22.33 min Scan# 3271

Delta R.T. 0.27 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

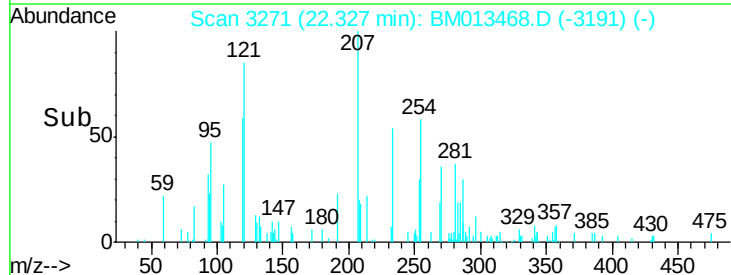
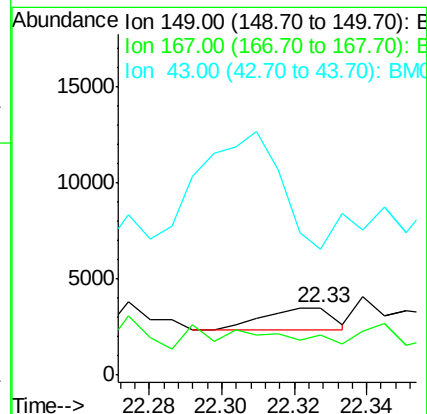
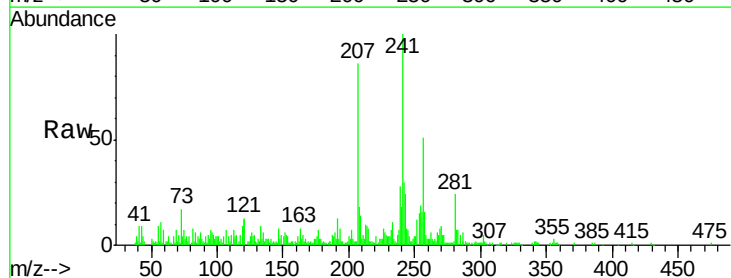
Tgt Ion:149 Resp: 1547

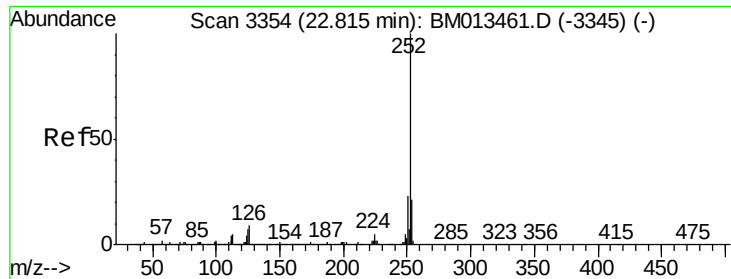
Ion Ratio Lower Upper

149 100

167 59.0 1.3 1.9#

43 187.2 7.3 10.9#





#85

Benzo(b)fluoranthene

Concen: 656.70 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. 0.18 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

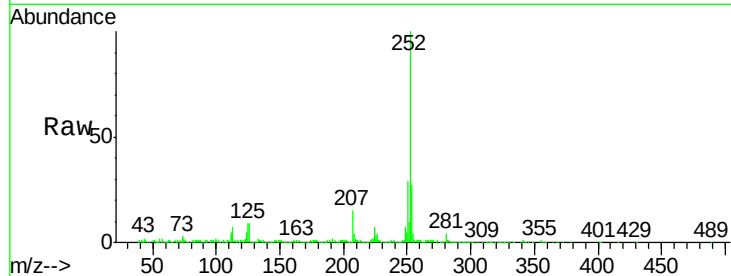
Tgt Ion:252 Resp: 745095

Ion Ratio Lower Upper

252 100

253 26.6 17.9 26.9

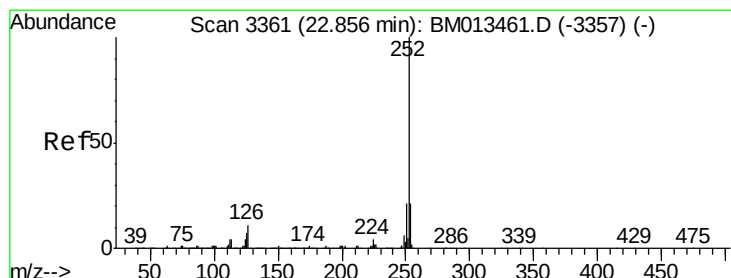
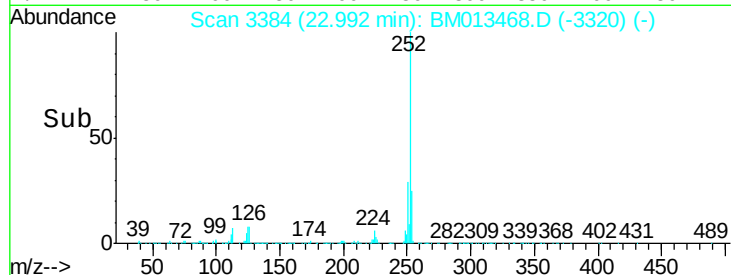
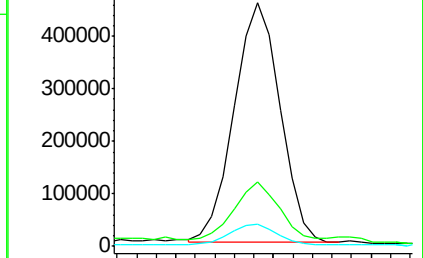
125 8.9 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 96.07 ng/ul

RT: 23.21 min Scan# 3421

Delta R.T. 0.35 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

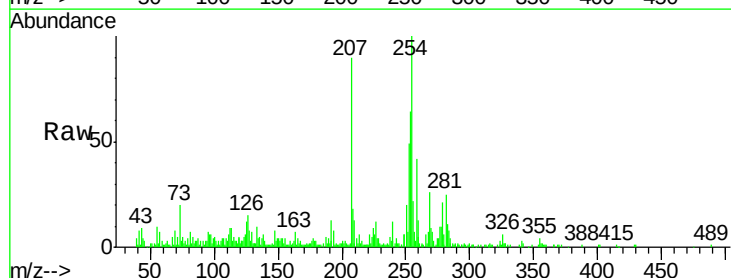
Tgt Ion:252 Resp: 102581

Ion Ratio Lower Upper

252 100

253 129.6 17.1 25.7#

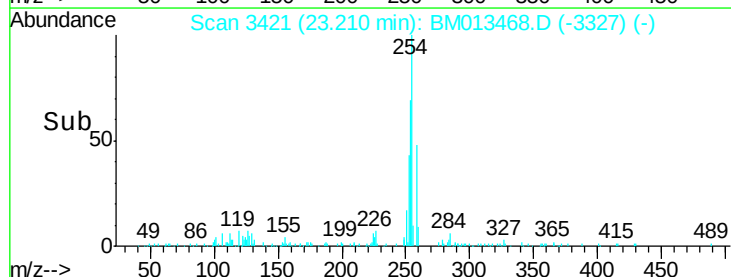
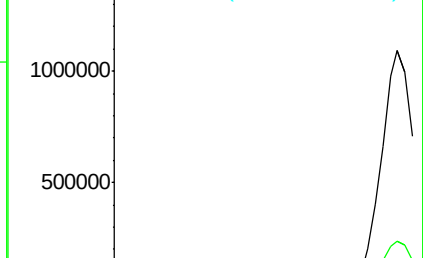
125 24.8 3.4 5.2#

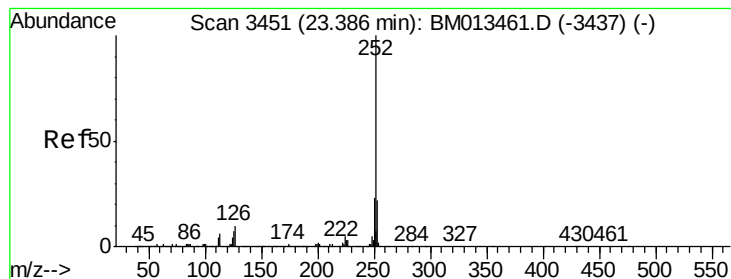


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.18 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.25 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampled :

F9A10

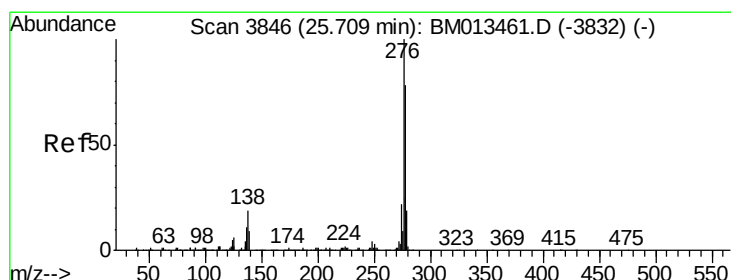
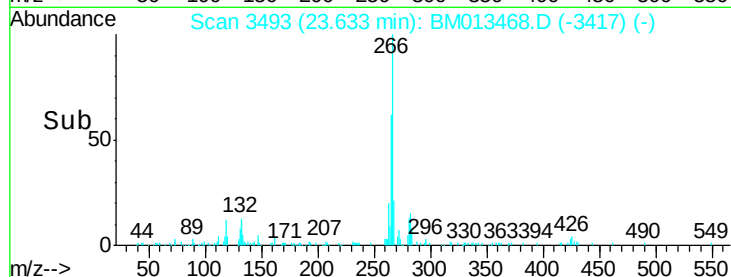
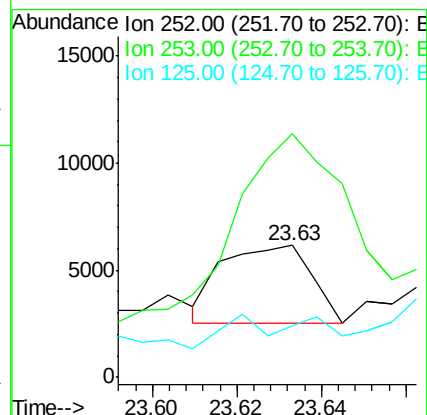
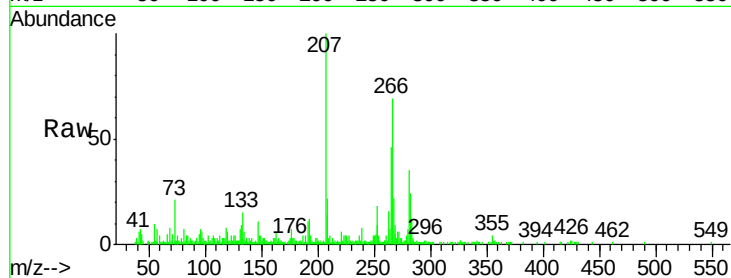
Tgt Ion:252 Resp: 5276

Ion Ratio Lower Upper

252 100

253 184.8 18.2 27.2#

125 39.6 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 48.71 ng/ul

RT: 25.97 min Scan# 3890

Delta R.T. 0.26 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

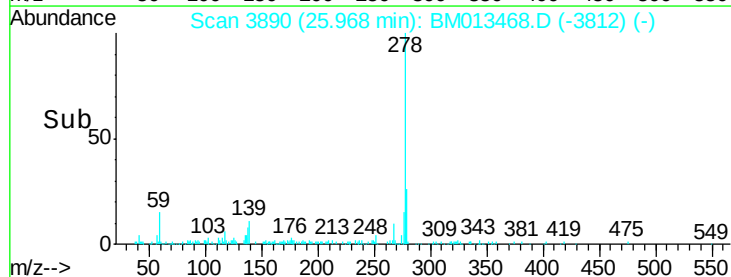
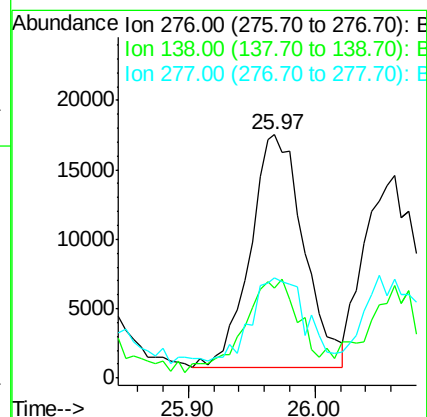
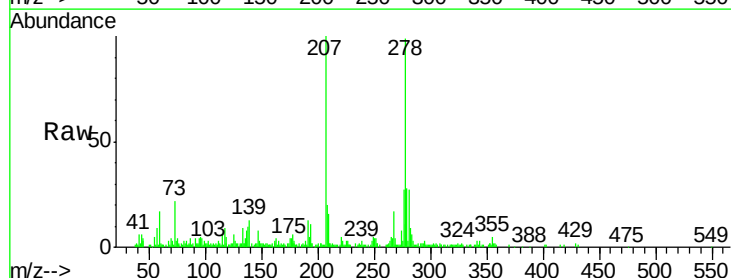
Tgt Ion:276 Resp: 49259

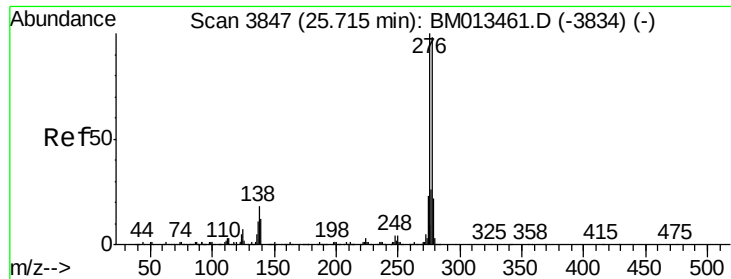
Ion Ratio Lower Upper

276 100

138 37.1 9.3 13.9#

277 41.4 19.9 29.9#





#90

Dibenzo(a,h)anthracene

Concen: 221.00 ng/ul

RT: 25.97 min Scan# 3891

Delta R.T. 0.25 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

Instrument :

BNA_M

ClientSampleId :

F9A10

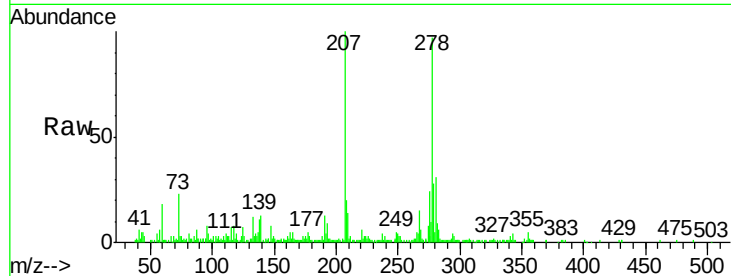
Tgt Ion:278 Resp: 190304

Ion Ratio Lower Upper

278 100

139 12.9 5.8 8.8#

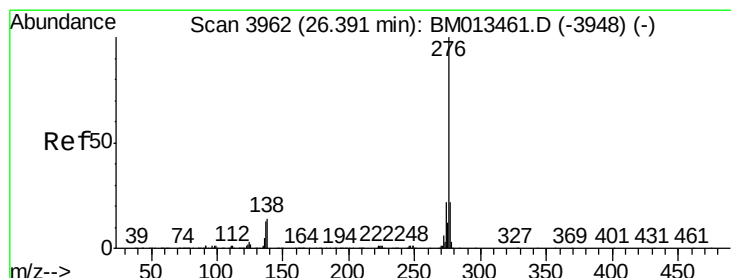
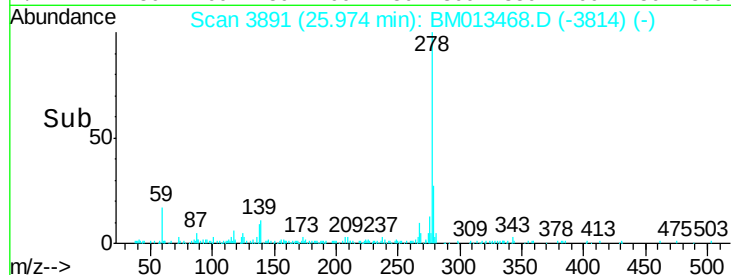
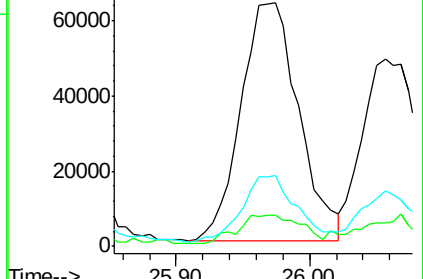
279 29.2 18.6 27.8#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 220.59 ng/ul

RT: 26.75 min Scan# 4023

Delta R.T. 0.35 min

Lab File: BM013468.D

Acq: 16 Dec 2017 08:48

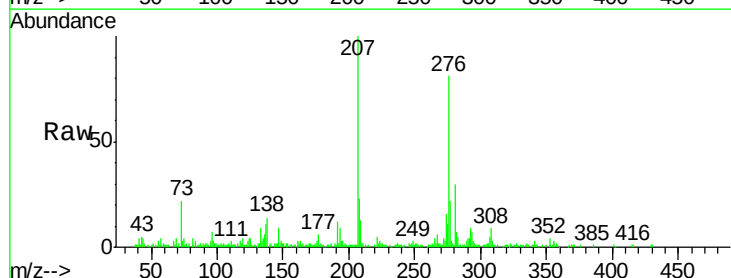
Tgt Ion:276 Resp: 175959

Ion Ratio Lower Upper

276 100

138 17.1 8.5 12.7#

277 27.6 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

