

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012446.D
 Acq On : 25 Oct 2017 15:29
 Operator : SJ/JU
 Sample : I5719-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 01:13:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	474877	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.61	136	462602	20.00	ng/ul	-0.06
35) Acenaphthene-d10	14.52	164	1818018	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.26	188	4283704	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	4150096	20.00	ng/ul	0.01
83) Perylene-d12	23.74	264	3801114	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	29039	3.12	ng/uL	0.00
5) Phenol-d5	7.06	99	830042	20.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.26	67	7190720	305.33	ng/ul	0.05
9) 2-Chlorophenol-d4	7.44	132	717697	24.15	ng/ul	0.03
13) 4-Methylphenol-d8	8.53	113	9967654	293.99	ng/ul	-0.05
19) Nitrobenzene-d5	9.06	128	1041103	359.35	ng/ul	0.04
22) 2-Nitrophenol-d4	9.74	143	14759	4.94	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.34	165	789716	99.88	ng/ul	0.05
29) 4-Chloroaniline-d4	10.77	131	6291323	754.63	ng/ul	-0.03
43) Dimethylphthalate-d6	13.93	166	2621479	16.51	ng/ul	0.01
46) Acenaphthylene-d8	14.22	160	3340373	17.78	ng/ul	0.02
51) 4-Nitrophenol-d4	14.72	143	245399	10.39	ng/ul	0.02
57) Fluorene-d10	15.51	176	2436422	18.12	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	40452	1.95	ng/ul	0.03
70) Anthracene-d10	17.36	188	4006427	19.63	ng/ul	0.01
76) Pyrene-d10	19.64	212	4325564	22.72	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.60	264	3390563	18.78	ng/ul	0.03

Target Compounds

						Ovalue
4) Benzaldehyde	7.01	77	138135	6.40	ng/ul#	1
6) Phenol	7.09	94	451705	10.94	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.31	93	478286	15.75	ng/ul#	1
14) Acetophenone	8.65	105	6634152	124.54	ng/ul#	42
15) N-Nitroso-di-n-propylamine	8.66	70	5980345	205.71	ng/ul#	57
16) 4-Methylphenol	8.70	108	66938	1.96	ng/ul	80
17) Hexachloroethane	8.90	117	487590	37.84	ng/ul#	1
20) Nitrobenzene	8.96	77	534230	64.01	ng/ul#	1
21) Isophorone	9.57	82	1257246	71.18	ng/ul#	1
23) 2-Nitrophenol	9.74	139	344267	103.80	ng/ul#	1
24) 2,4-Dimethylphenol	9.76	107	73502	7.88	ng/ul#	60
25) Bis(2-Chloroethoxy)methane	10.03	93	99936	10.07	ng/ul#	1
27) 2,4-Dichlorophenol	10.29	162	33084	4.29	ng/ul#	1
28) Naphthalene	10.64	128	782470	34.11	ng/ul#	1
30) 4-Chloroaniline	10.88	127	45540	5.42	ng/ul	92
32) Caprolactam	11.53	113	131979	52.83	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.85	107	14971	1.73	ng/ul#	1
34) 2-Methylnaphthalene	12.36	142	8836280	474.38	ng/ul	98
40) 1,1'-Biphenyl	13.35	154	648280	4.47	ng/ul	97
42) 2-Nitroaniline	13.57	65	123336	4.66	ng/ul#	31
44) Dimethylphthalate	13.97	163	1334809	8.50	ng/ul#	99
47) Acenaphthylene	14.25	152	239527	1.34	ng/ul#	1
48) 3-Nitroaniline	14.43	138	24675	1.05	ng/ul#	37

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

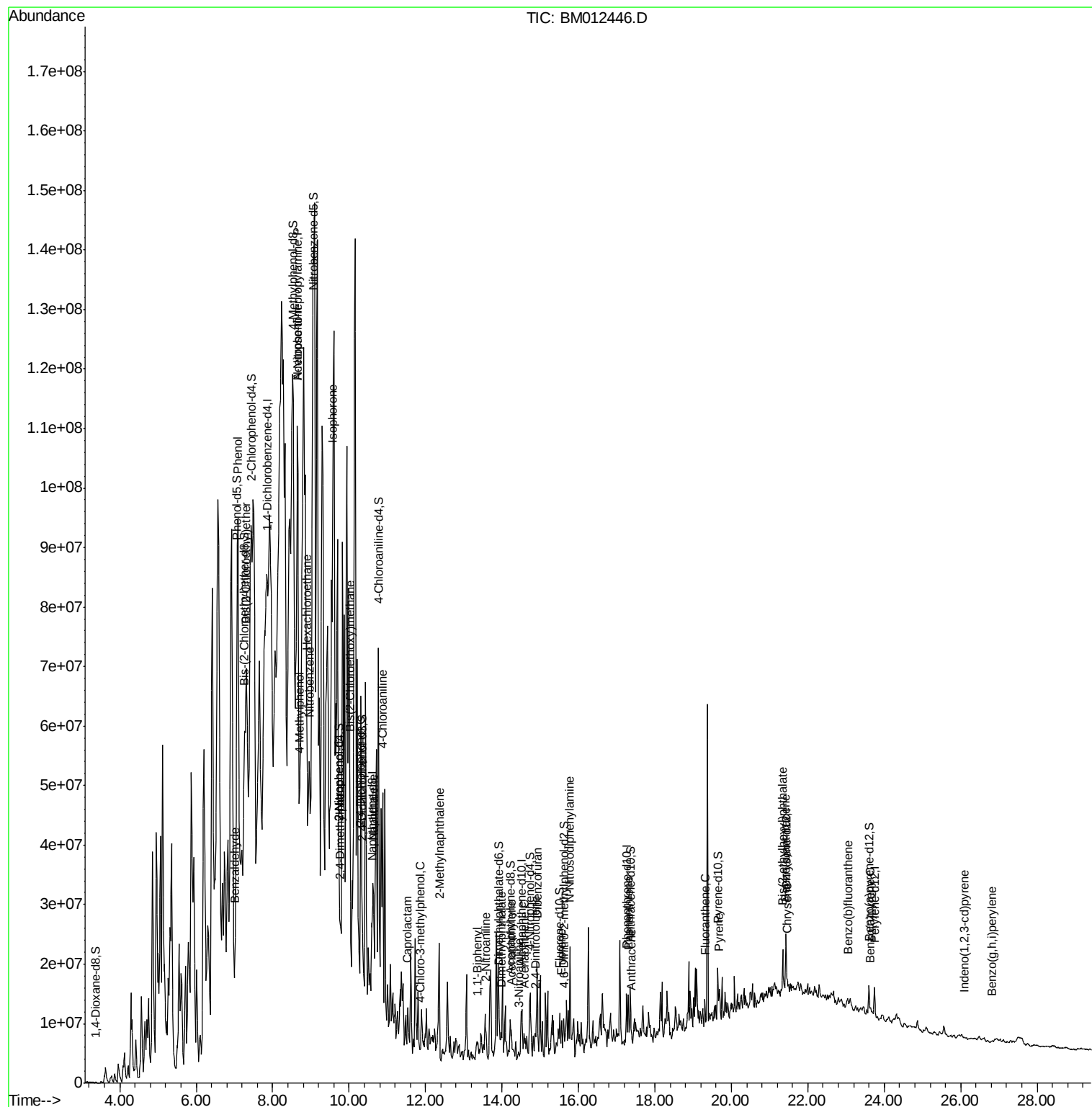
49) Acenaphthene	14.58	153	811787	6.61	ng/ul	96
53) Dibenzofuran	14.92	168	292446	1.61	ng/ul#	1
54) 2,4-Dinitrotoluene	14.87	165	56643	1.51	ng/ul#	29
58) Fluorene	15.56	166	839965	5.46	ng/ul#	82
64) N-Nitrosodiphenylamine	15.78	169	1546733	12.42	ng/ul#	50
69) Phenanthrene	17.30	178	4556377	19.67	ng/ul	97
71) Anthracene	17.39	178	517114	2.16	ng/ul#	80
74) Fluoranthene	19.31	202	1172584	4.47	ng/ul#	90
77) Pyrene	19.67	202	2358242	9.99	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	797872	3.21	ng/ul#	49
81) Bis(2-ethylhexyl)phthalate	21.34	149	1883040	13.31	ng/ul	96
82) Chrysene	21.46	228	1034962	4.68	ng/ul#	63
85) Benzo(b)fluoranthene	23.04	252	561620	2.39	ng/ul#	54
88) Benzo(a)pyrene	23.64	252	497125	2.22	ng/ul#	65
89) Indeno(1,2,3-cd)pyrene	26.09	276	265892	1.01	ng/ul#	72
91) Benzo(g,h,i)perylene	26.82	276	343856	1.61	ng/ul#	72

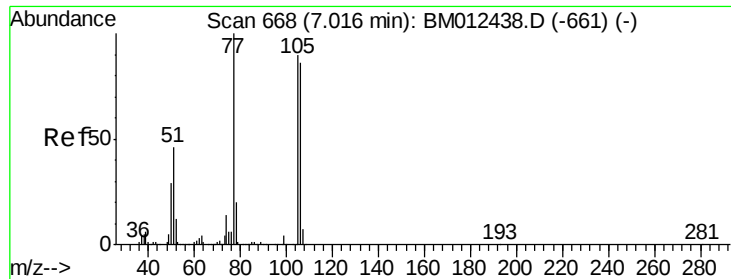
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 6.40 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

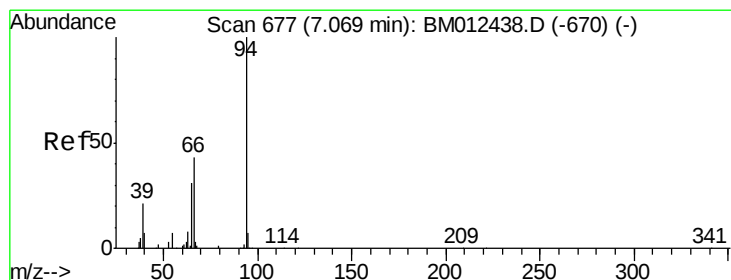
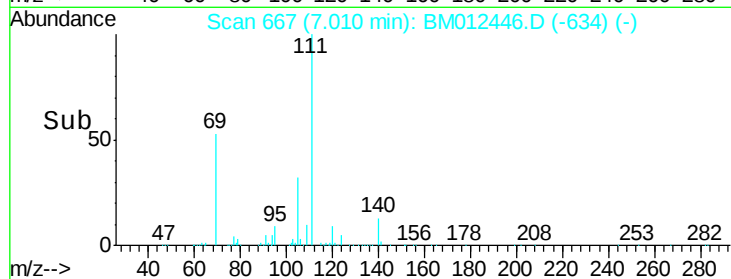
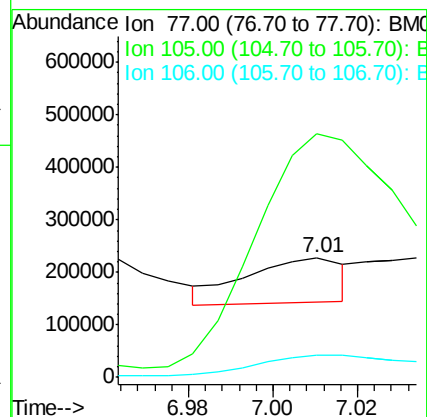
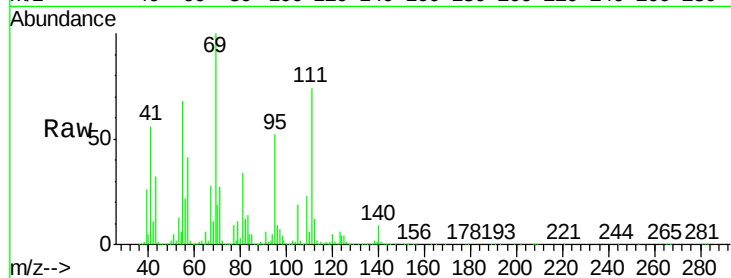
Tot Ion: 77 Resp: 138135

Ion Ratio Lower Upper

77 100

105 203.8 66.1 99.1#

106 18.2 67.8 101.6#



#6

Phenol

Concen: 10.94 ng/ul

RT: 7.09 min Scan# 680

Delta R.T. 0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

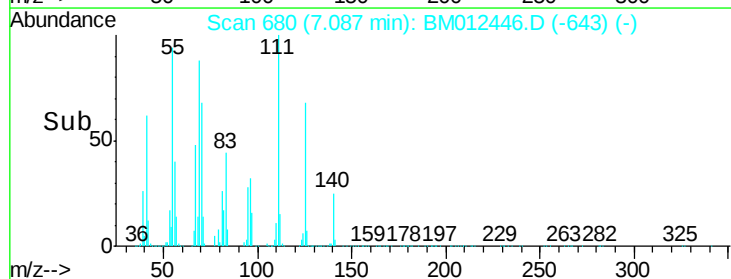
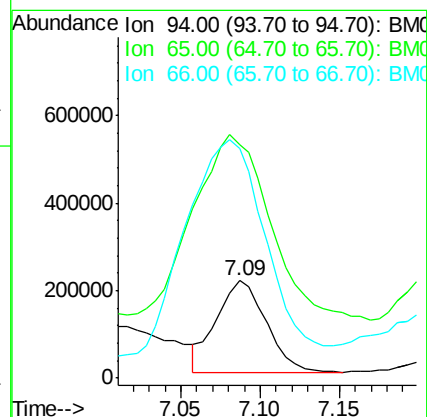
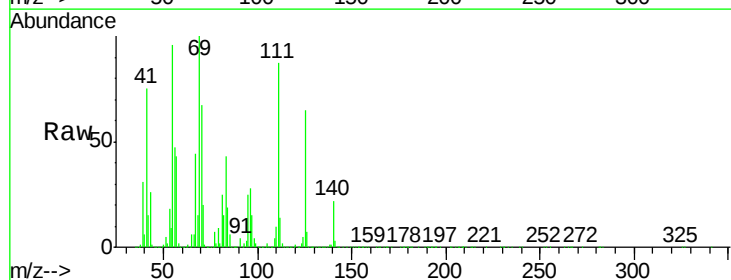
Tgt Ion: 94 Resp: 451705

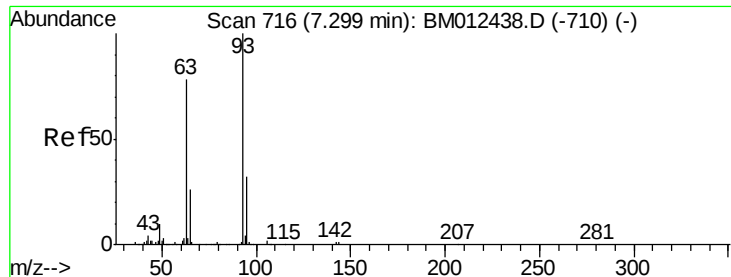
Ion Ratio Lower Upper

94 100

65 240.6 28.2 42.4#

66 236.4 47.2 70.8#



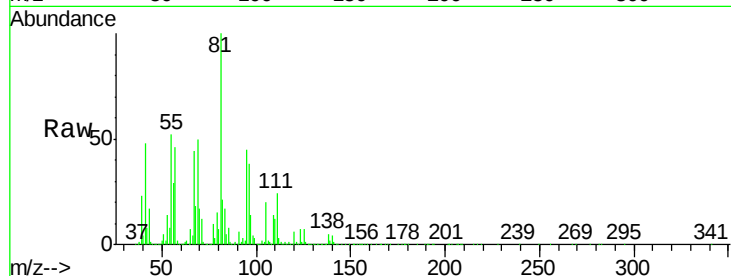


#8

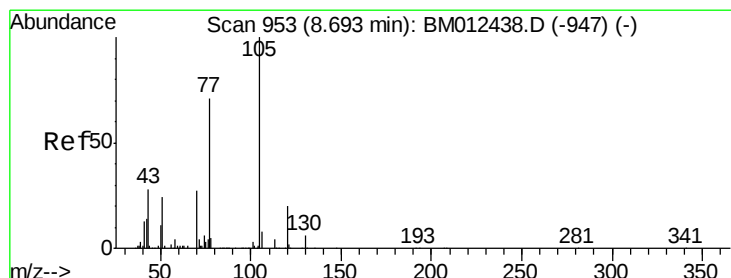
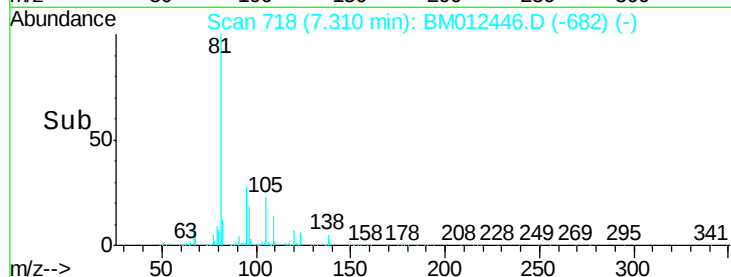
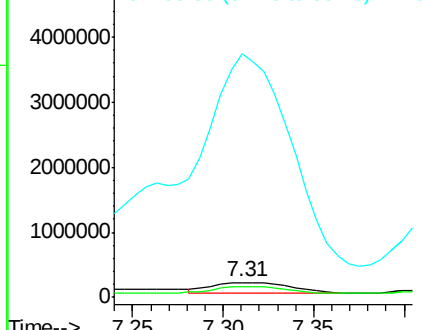
Bis(2-Chloroethyl)ether
 Concen: 15.75 ng/ul
 RT: 7.31 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 93 Resp: 478286
 Ion Ratio Lower Upper
 93 100
 63 70.3 57.3 85.9
 95 1632.8 26.6 39.8#



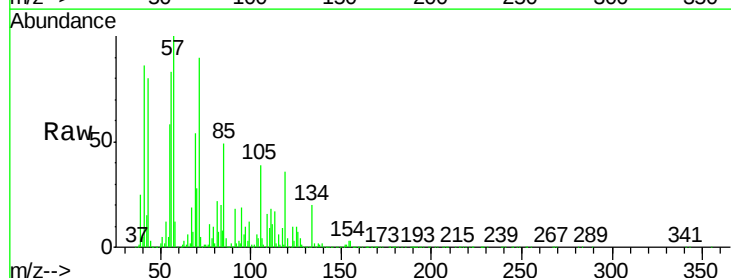
Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0



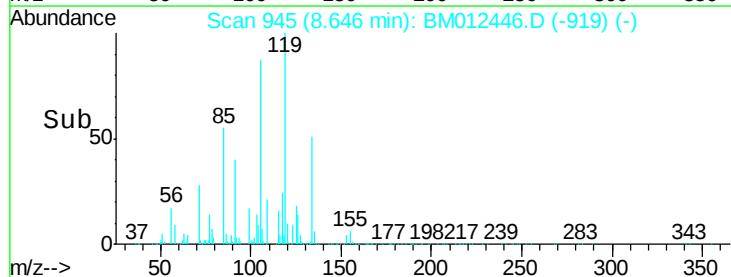
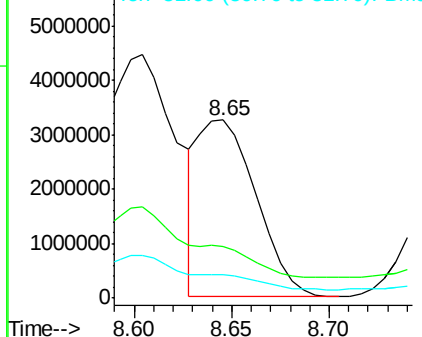
#14

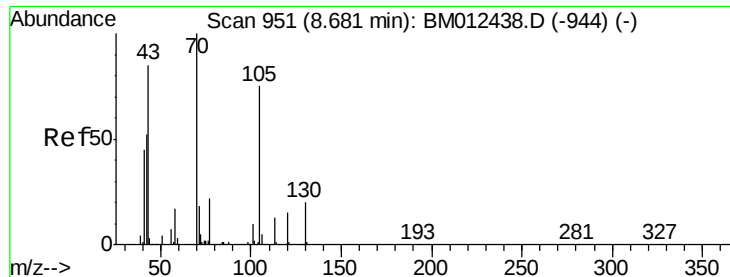
Acetophenone
 Concen: 124.54 ng/ul
 RT: 8.65 min Scan# 945
 Delta R.T. -0.05 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion: 105 Resp: 6634152
 Ion Ratio Lower Upper
 105 100
 77 29.1 74.2 111.4#
 51 12.9 23.4 35.2#



Abundance Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 205.71 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 5980345

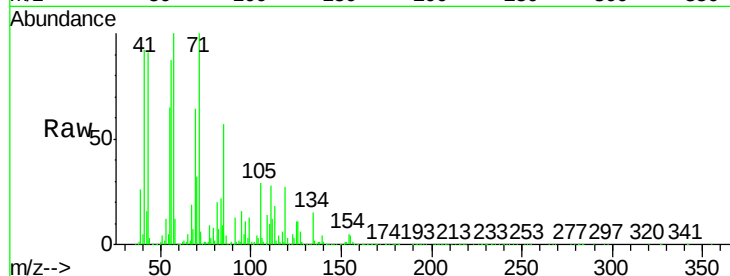
Ion Ratio Lower Upper

70 100

42 51.0 76.0 114.0#

101 0.5 6.7 10.1#

130 0.1 14.6 22.0#

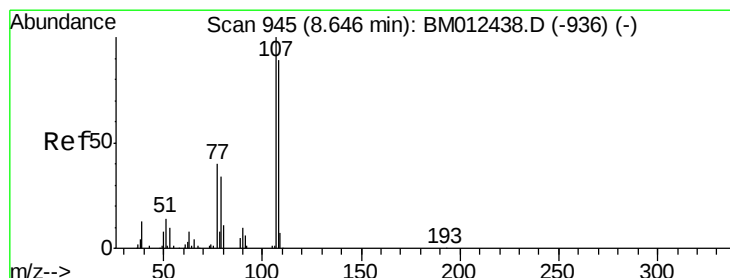
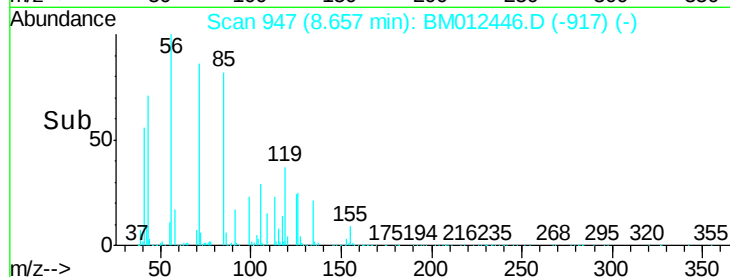
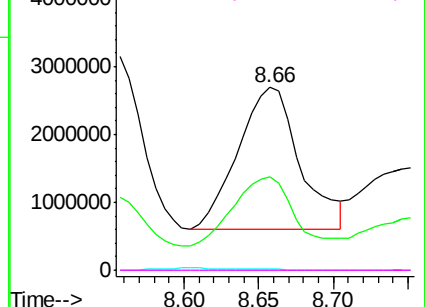


Abundance Ion 70.00 (69.70 to 70.70): BM012438.D (-944) (-)

Ion 42.00 (41.70 to 42.70): BM012438.D (-944) (-)

Ion 101.00 (100.70 to 101.70): BM012438.D (-944) (-)

Ion 130.00 (129.70 to 130.70): BM012438.D (-944) (-)



#16

4-Methylphenol

Concen: 1.96 ng/ul

RT: 8.70 min Scan# 954

Delta R.T. 0.05 min

Lab File: BM012446.D

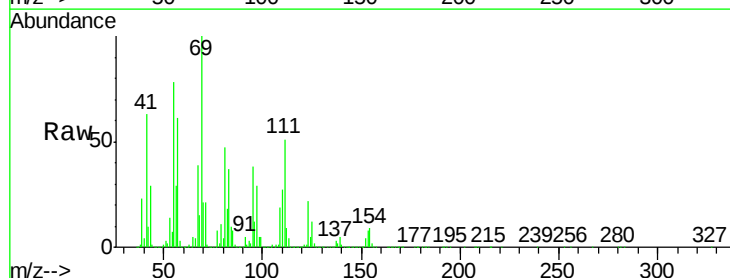
Acq: 25 Oct 2017 15:29

Tgt Ion: 108 Resp: 66938

Ion Ratio Lower Upper

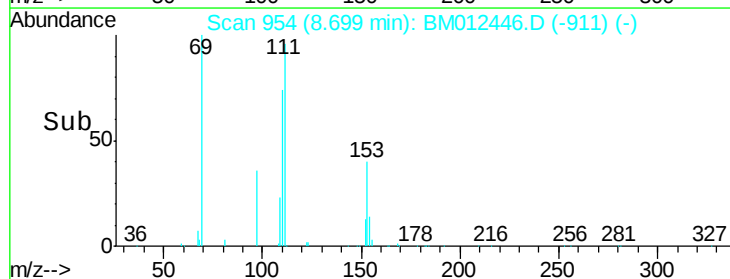
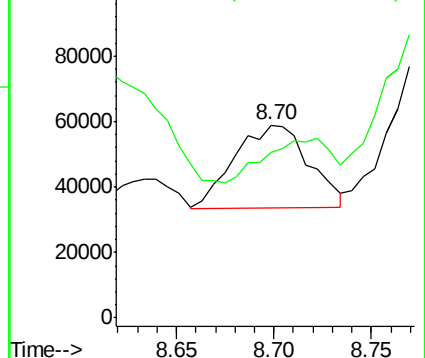
108 100

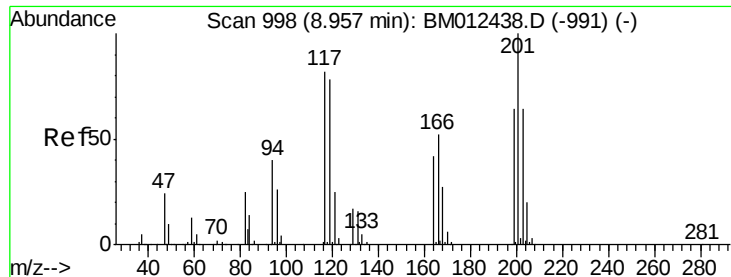
107 85.8 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM012446.D (-911) (-)

Ion 107.00 (106.70 to 107.70): BM012446.D (-911) (-)





#17

Hexachloroethane

Concen: 37.84 ng/ul

RT: 8.90 min Scan# 988

Delta R.T. -0.06 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

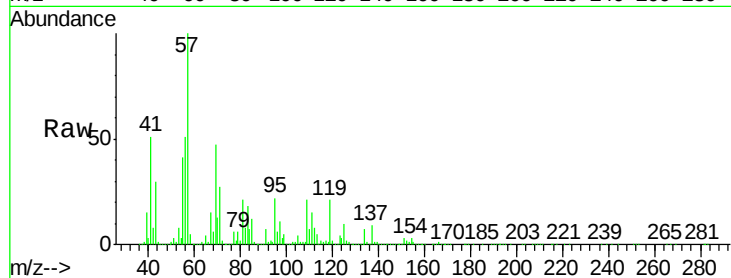
Tot Ion:117 Resp: 487590

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

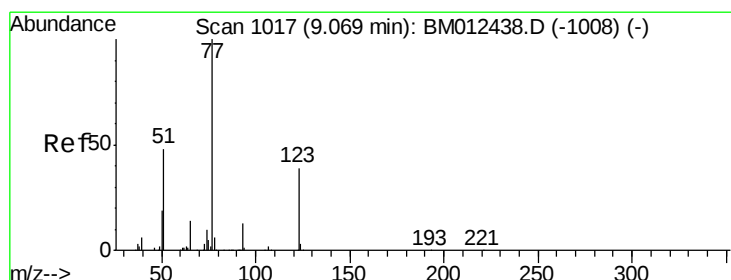
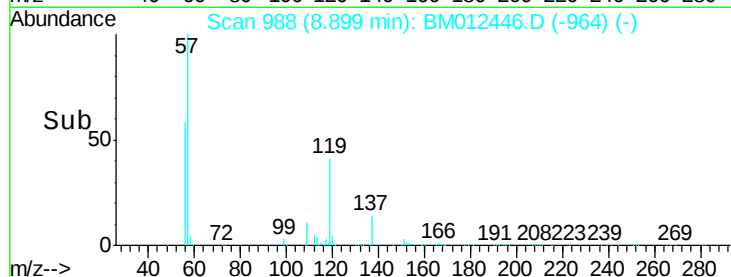
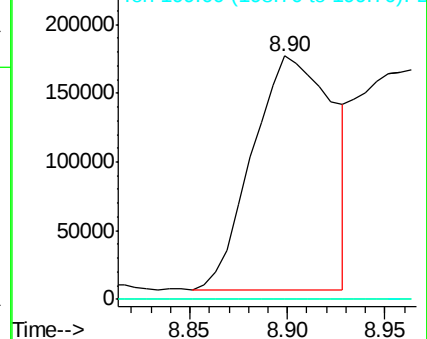
199 0.0 67.8 101.6#



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



#20

Nitrobenzene

Concen: 64.01 ng/ul

RT: 8.96 min Scan# 999

Delta R.T. -0.11 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

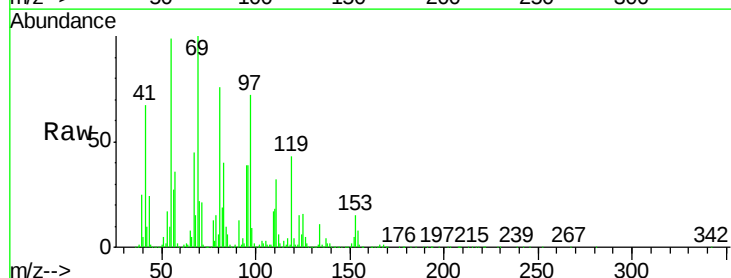
Tgt Ion: 77 Resp: 534230

Ion Ratio Lower Upper

77 100

123 117.1 31.0 46.6#

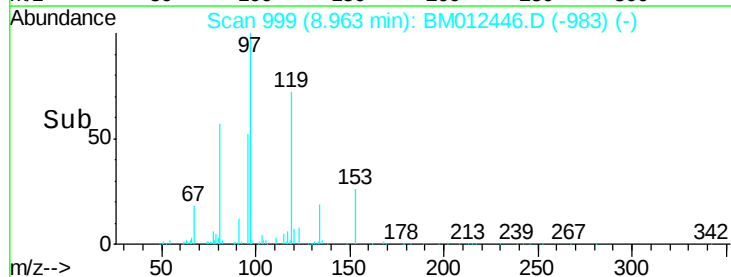
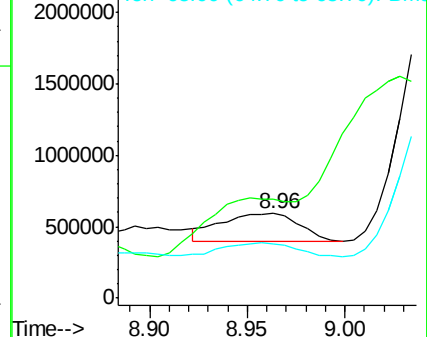
65 63.9 12.2 18.2#

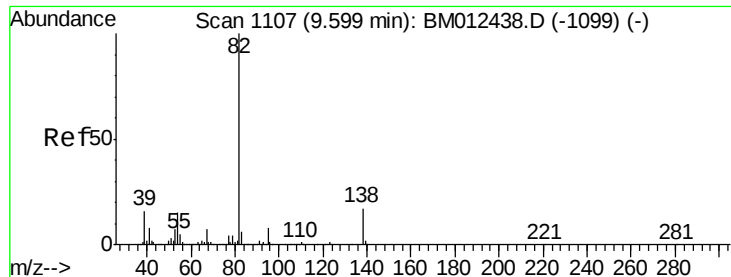


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 71.18 ng/ul

RT: 9.57 min Scan# 1102

Delta R.T. -0.03 min

Lab File: BM012446.D

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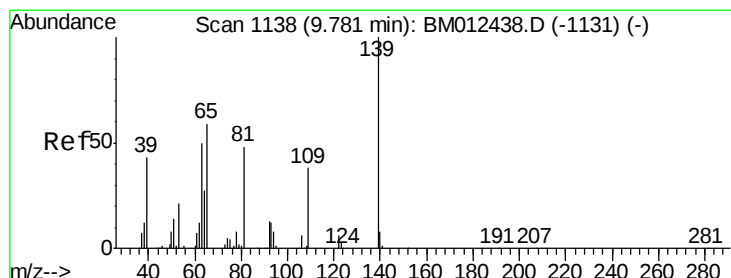
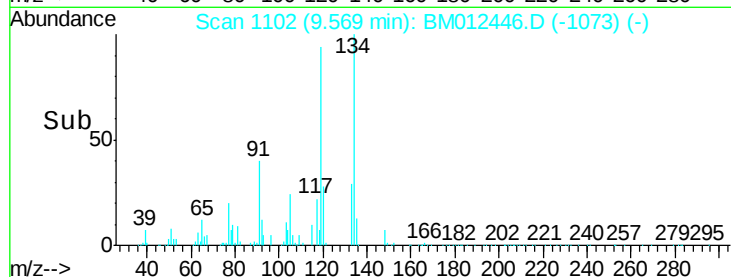
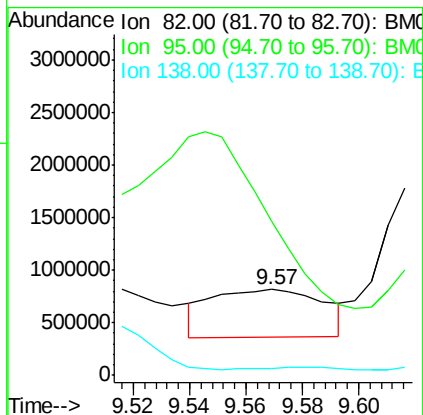
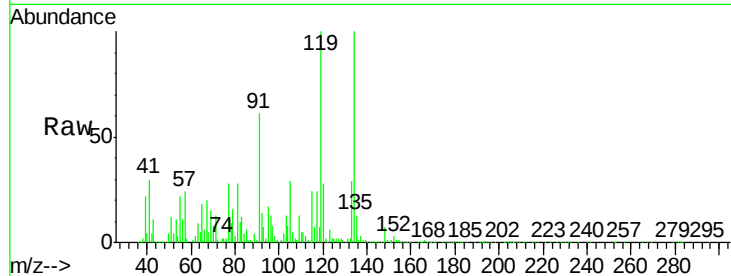
Tot Ion: 82 Resp: 1257246

Ion Ratio Lower Upper

82 100

95 179.5 7.8 11.8#

138 8.1 11.9 17.9#



#23

2-Nitrophenol

Concen: 103.80 ng/ul

RT: 9.74 min Scan# 1131

Delta R.T. -0.04 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

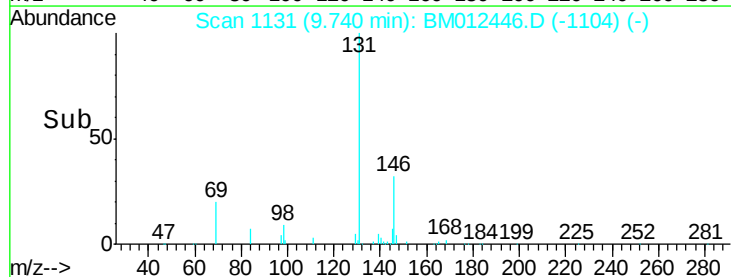
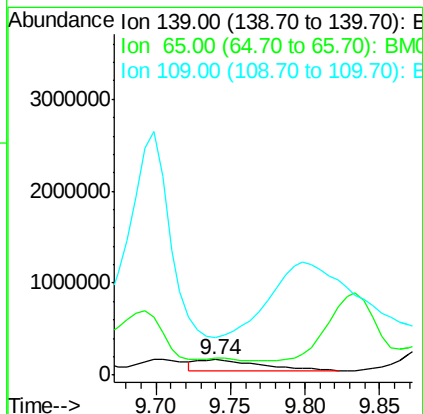
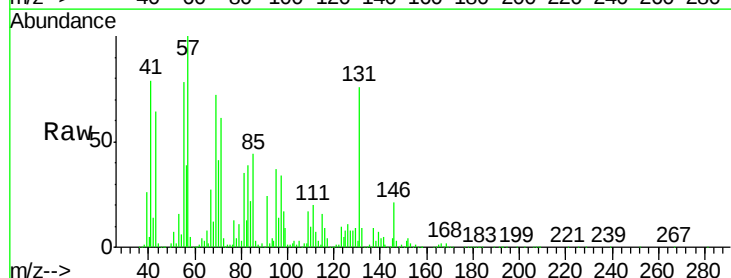
Tgt Ion: 139 Resp: 344267

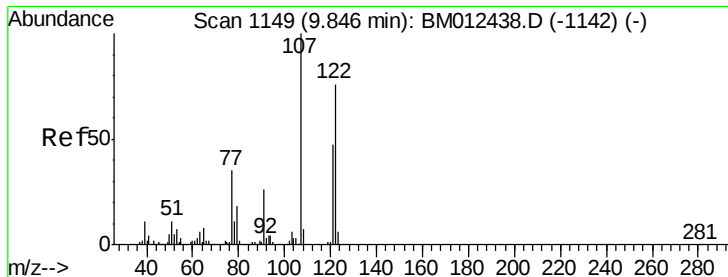
Ion Ratio Lower Upper

139 100

65 114.0 55.4 83.0#

109 243.6 42.2 63.2#

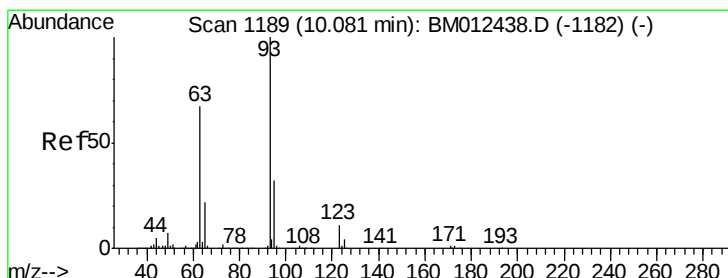
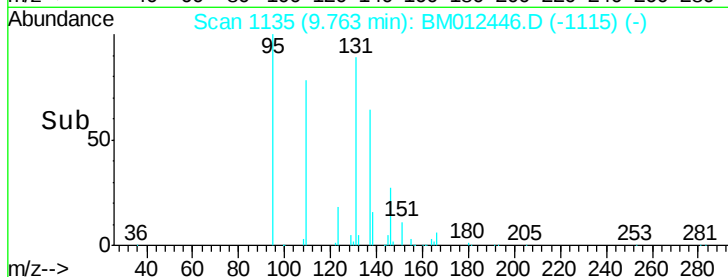
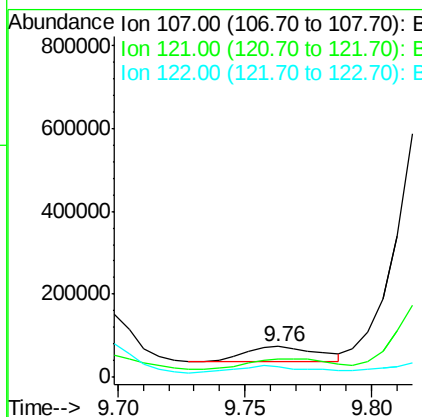
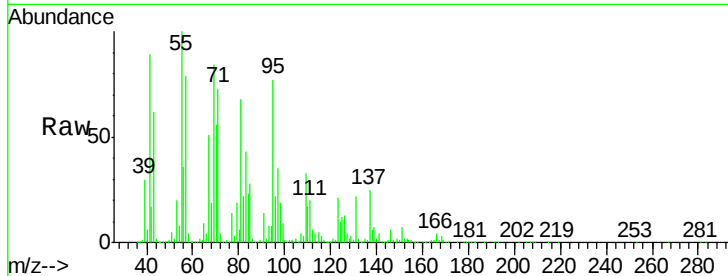




#24
2,4-Dimethylphenol
Concen: 7.88 ng/ul
RT: 9.76 min Scan# 1135
Delta R.T. -0.08 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

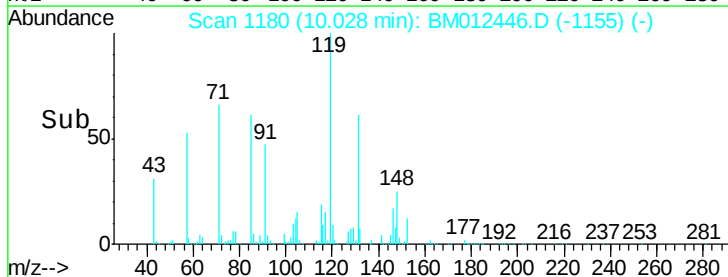
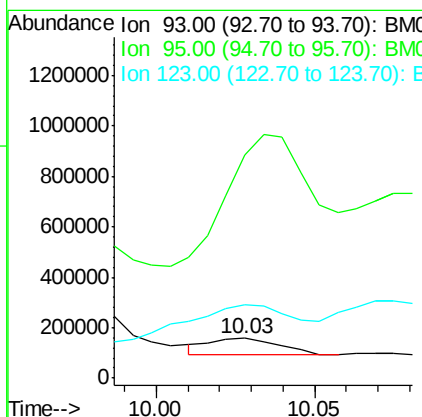
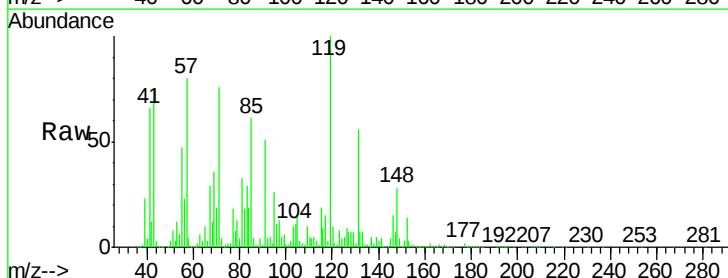
Instrument :
BNA_M
ClientSampleId :

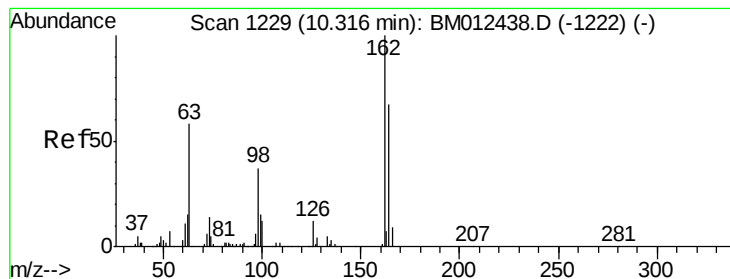
Tot Ion: 107 Resp: 73502
Ion Ratio Lower Upper
107 100
121 59.2 31.9 47.9#
122 35.1 57.8 86.6#



#25
Bis(2-Chloroethoxy)methane
Concen: 10.07 ng/ul
RT: 10.03 min Scan# 1180
Delta R.T. -0.05 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

Tgt Ion: 93 Resp: 99936
Ion Ratio Lower Upper
93 100
95 559.9 28.5 42.7#
123 183.2 8.9 13.3#





#27

2,4-Dichlorophenol

Concen: 4.29 ng/ul

RT: 10.29 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

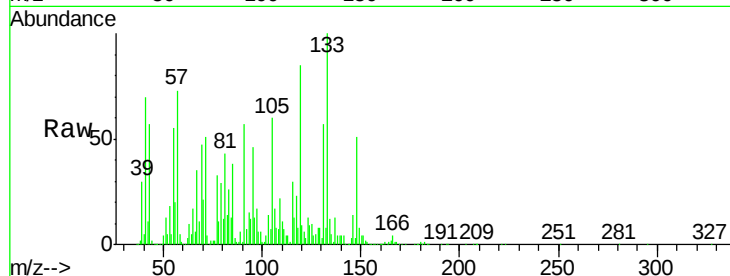
Tot Ion:162 Resp: 33084

Ion Ratio Lower Upper

162 100

164 66.5 47.8 71.6

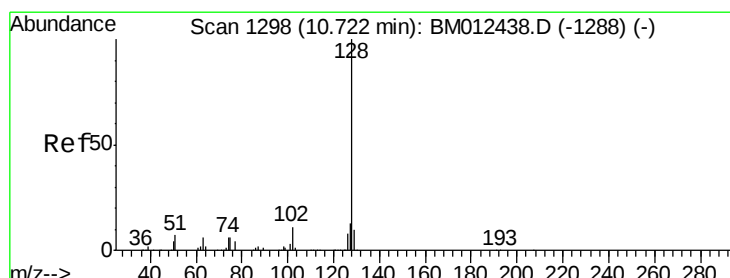
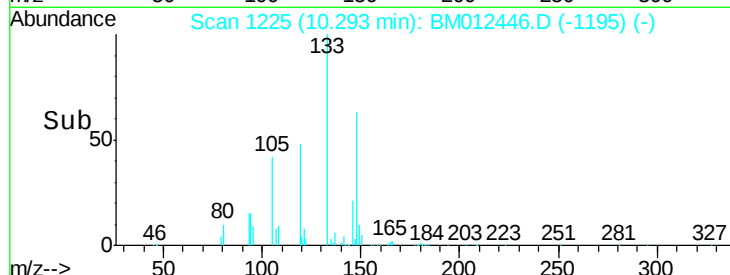
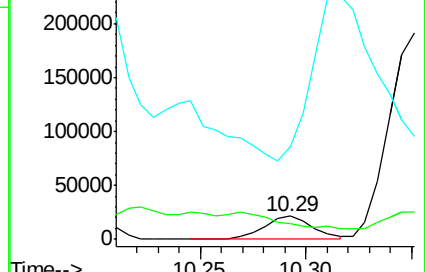
98 404.6 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 34.11 ng/ul

RT: 10.64 min Scan# 1284

Delta R.T. -0.08 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

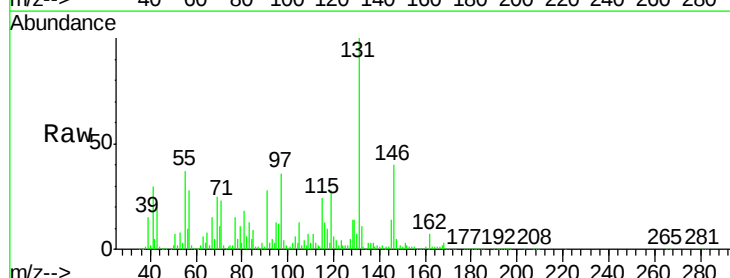
Tgt Ion:128 Resp: 782470

Ion Ratio Lower Upper

128 100

129 102.6 8.8 13.2#

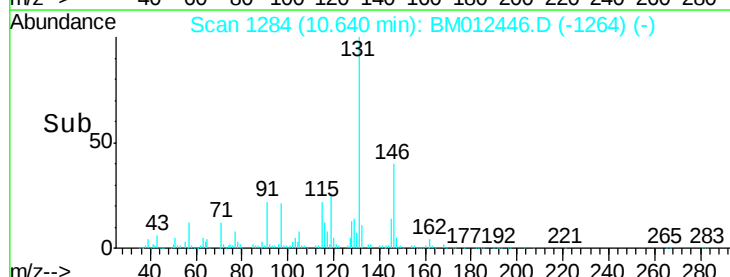
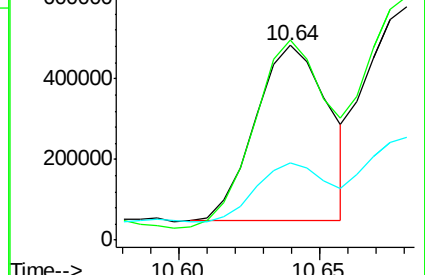
127 39.8 10.6 16.0#

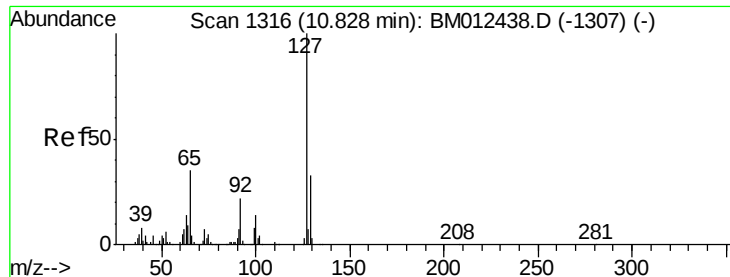


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

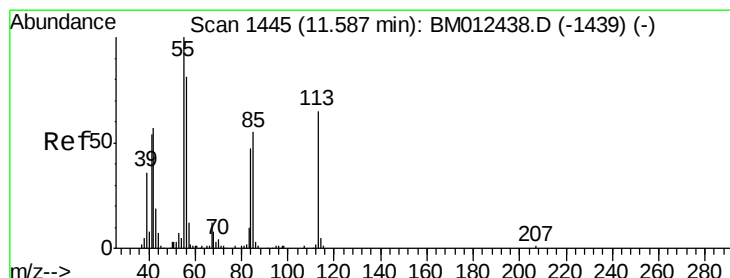
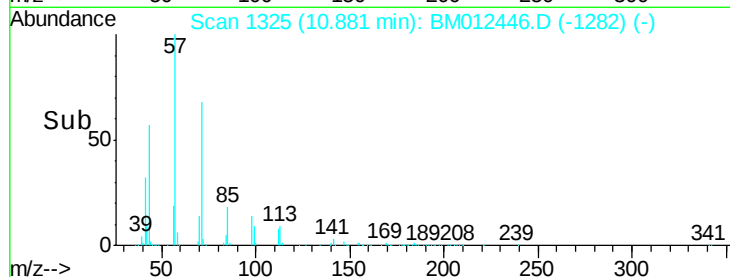
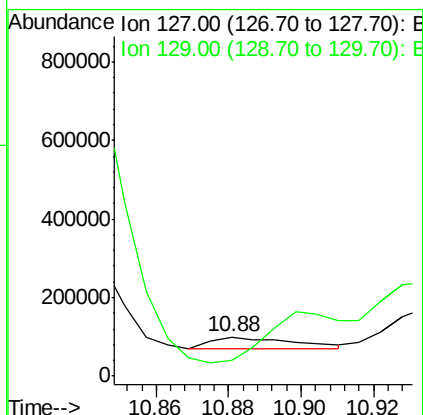
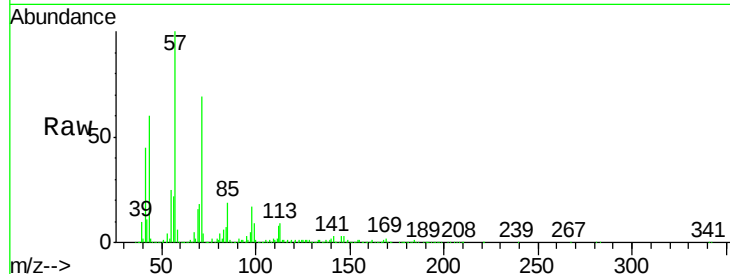




#30
4-Chloroaniline
Concen: 5.42 ng/ul
RT: 10.88 min Scan# 1325
Delta R.T. 0.05 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

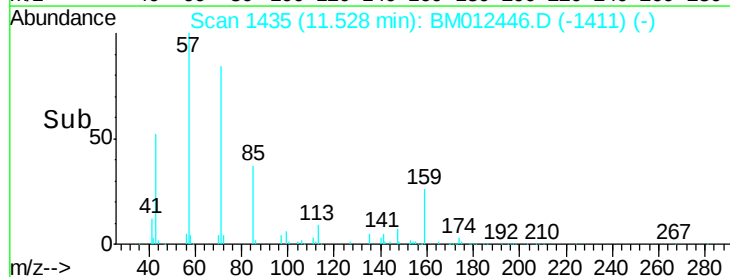
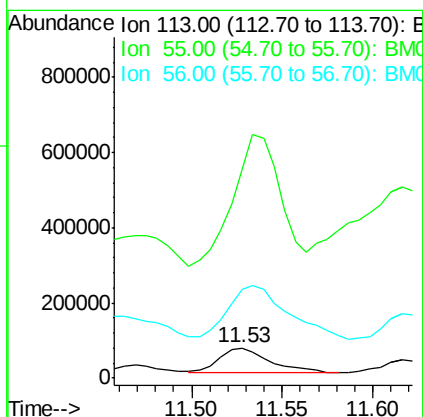
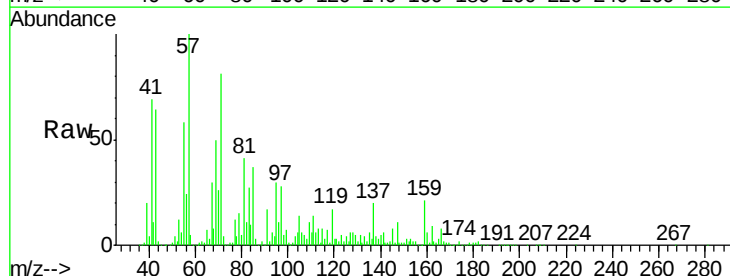
Instrument :
BNA_M
ClientSampleId :

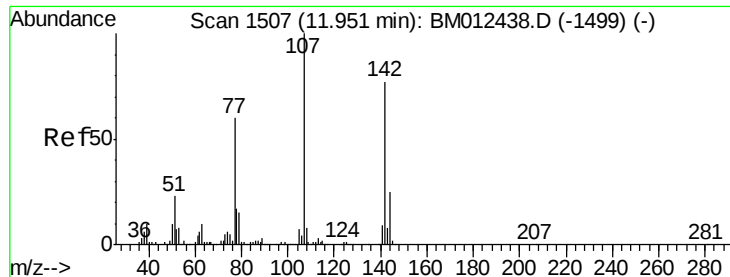
Tot Ion:127 Resp: 45540
Ion Ratio Lower Upper
127 100
129 40.1 28.4 42.6



#32
Caprolactam
Concen: 52.83 ng/ul
RT: 11.53 min Scan# 1435
Delta R.T. -0.06 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

Tgt Ion:113 Resp: 131979
Ion Ratio Lower Upper
113 100
55 690.5 208.0 312.0#
56 291.3 160.0 240.0#

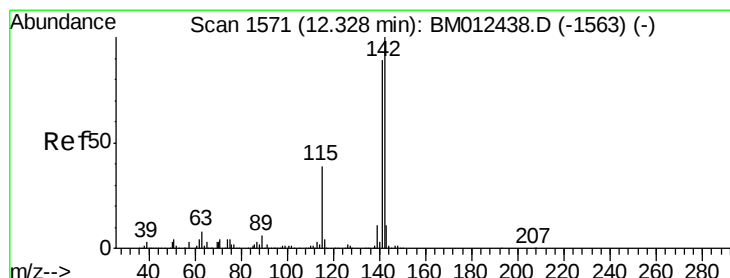
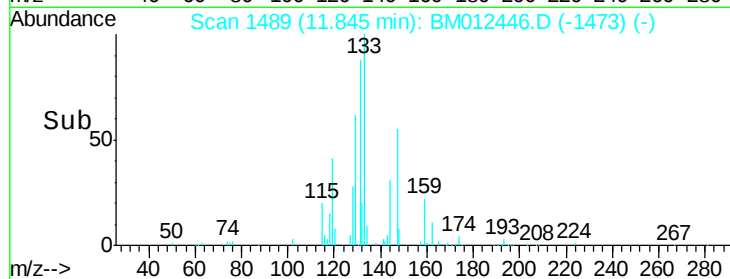
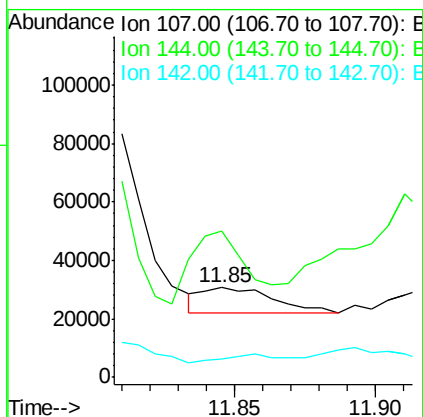
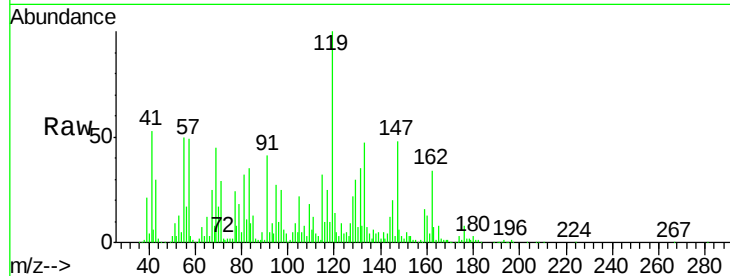




#33
 4-Chloro-3-methylphenol
 Concen: 1.73 ng/ul
 RT: 11.85 min Scan# 1489
 Delta R.T. -0.11 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

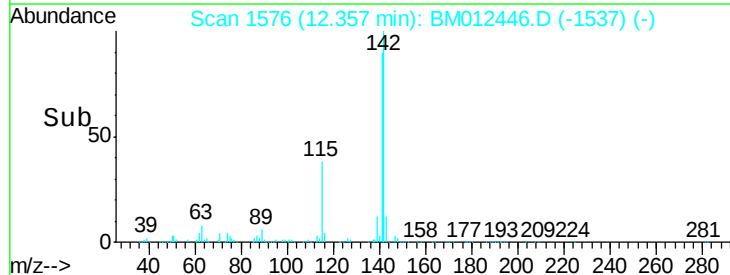
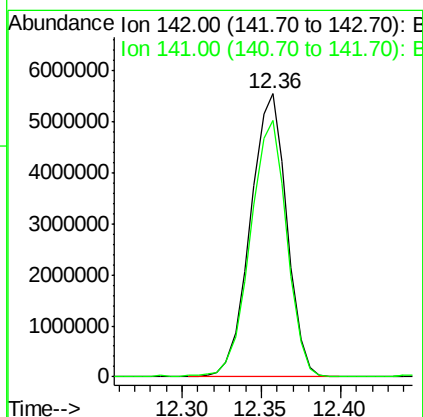
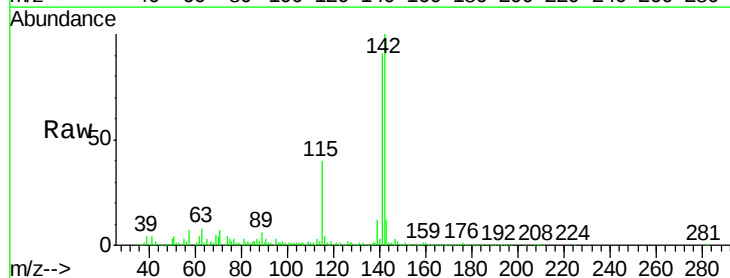
Instrument :
 BNA_M
 ClientSampleId :

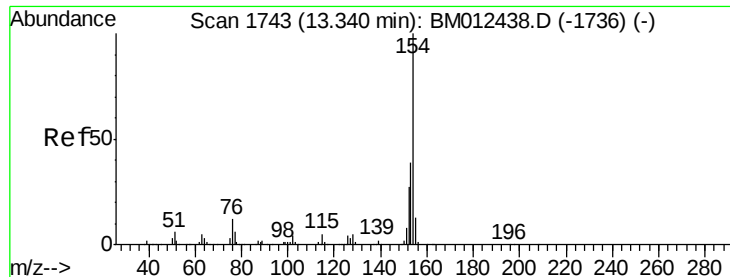
Tot Ion:107 Resp: 14971
 Ion Ratio Lower Upper
 107 100
 144 162.7 20.4 30.6#
 142 21.0 60.5 90.7#



#34
 2-Methylnaphthalene
 Concen: 474.38 ng/ul
 RT: 12.36 min Scan# 1576
 Delta R.T. 0.03 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion:142 Resp: 8836280
 Ion Ratio Lower Upper
 142 100
 141 90.6 74.1 111.1

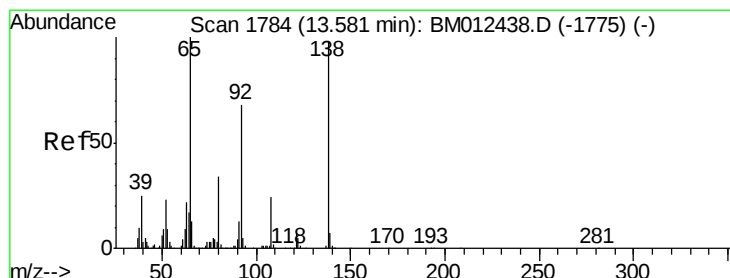
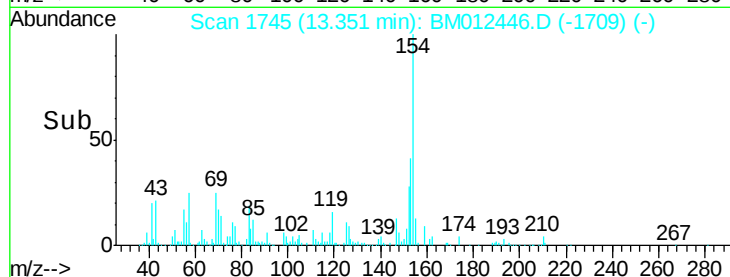
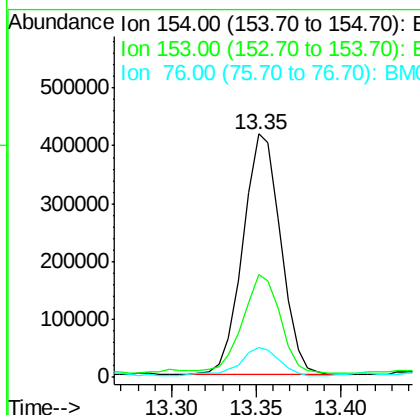
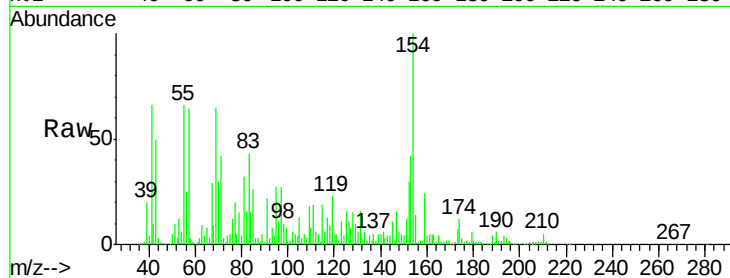




#40
 1,1'-Biphenyl
 Concen: 4.47 ng/ul
 RT: 13.35 min Scan# 1745
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

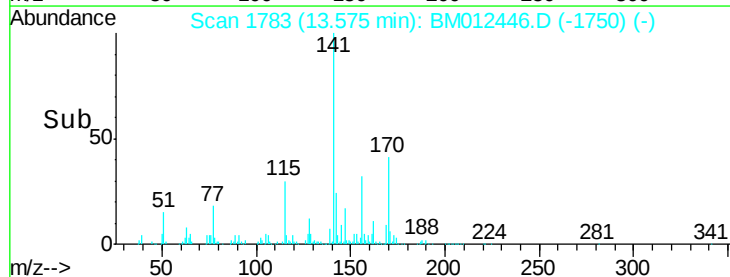
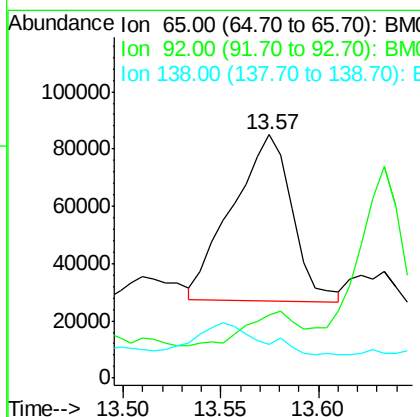
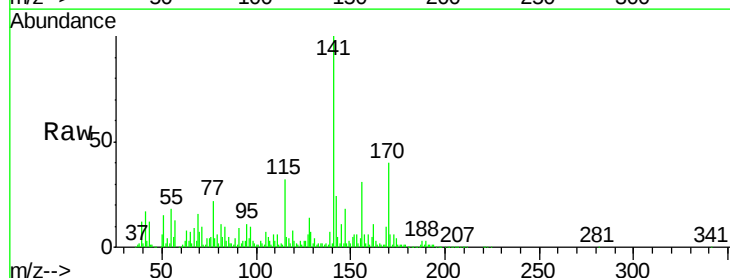
Instrument :
 BNA_M
 ClientSampleId :

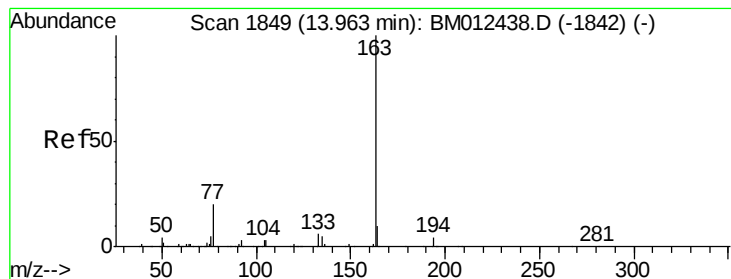
Tot Ion:154 Resp: 648280
 Ion Ratio Lower Upper
 154 100
 153 42.3 32.6 48.8
 76 12.1 8.5 12.7



#42
 2-Nitroaniline
 Concen: 4.66 ng/ul
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion: 65 Resp: 123336
 Ion Ratio Lower Upper
 65 100
 92 26.2 51.8 77.6#
 138 13.8 74.2 111.4#





#44

Dimethylphthalate

Concen: 8.50 ng/ul

RT: 13.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

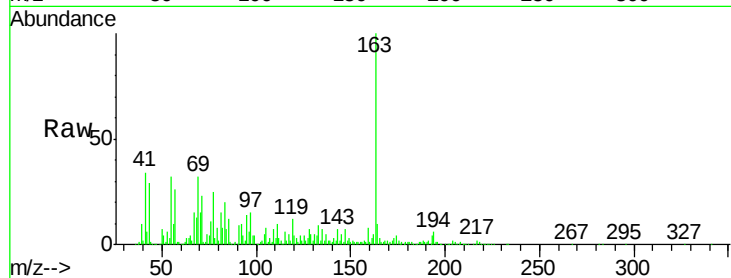
Tot Ion:163 Resp: 1334809

Ion Ratio Lower Upper

163 100

194 5.8 3.5 5.3#

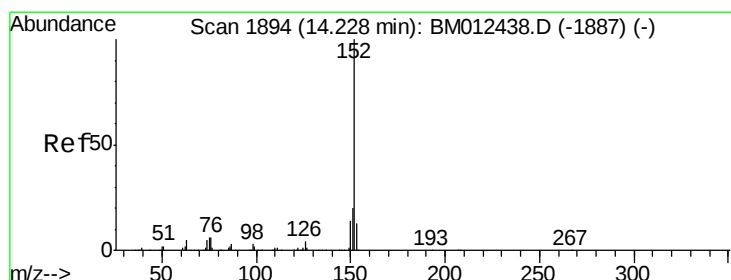
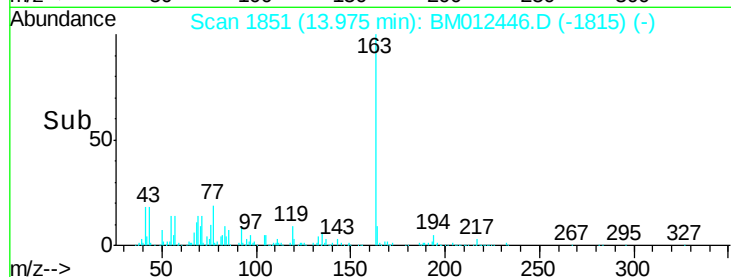
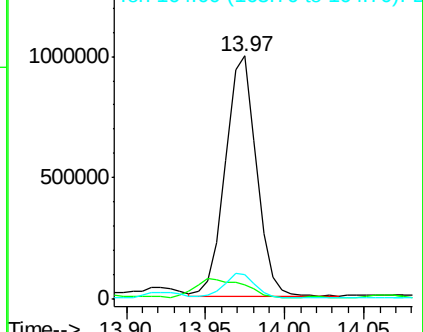
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47

Acenaphthylene

Concen: 1.34 ng/ul

RT: 14.25 min Scan# 1897

Delta R.T. 0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

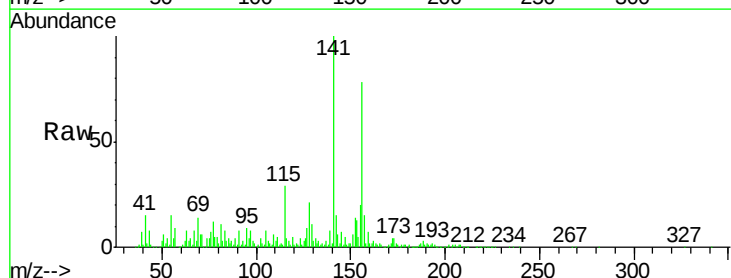
Tgt Ion:152 Resp: 239527

Ion Ratio Lower Upper

152 100

151 41.6 16.3 24.5#

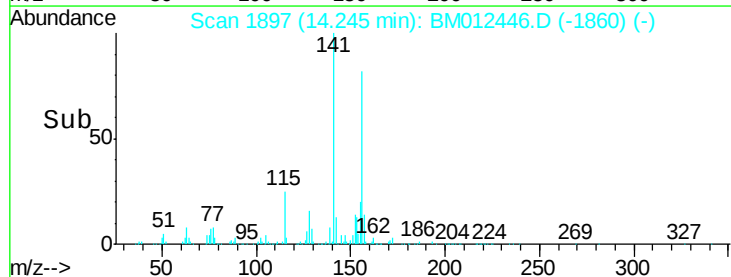
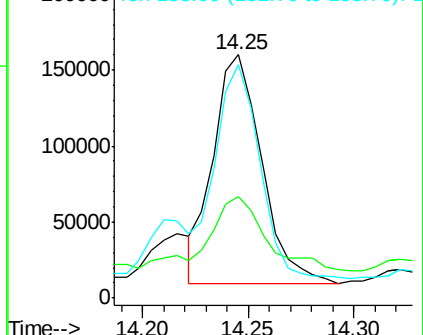
153 95.8 10.2 15.4#

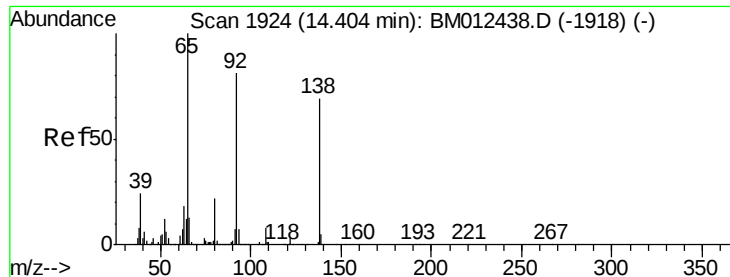


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

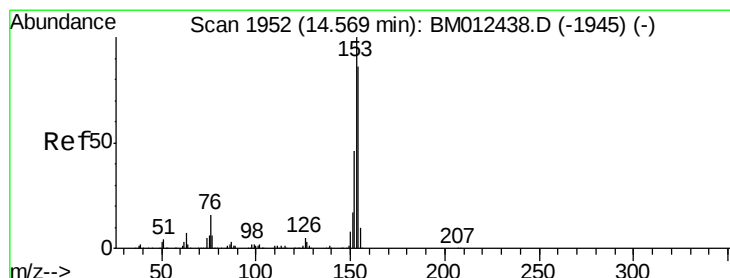
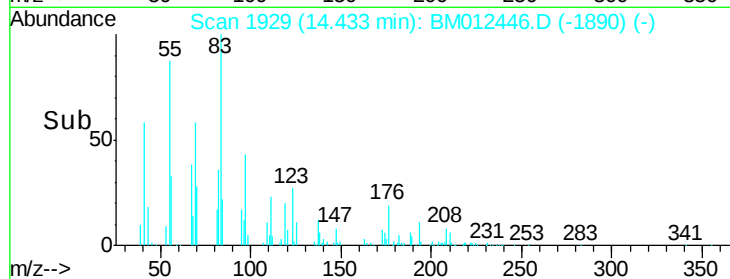
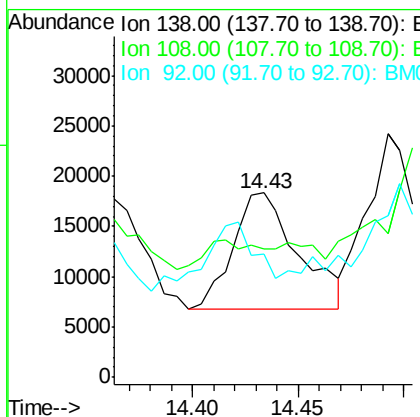
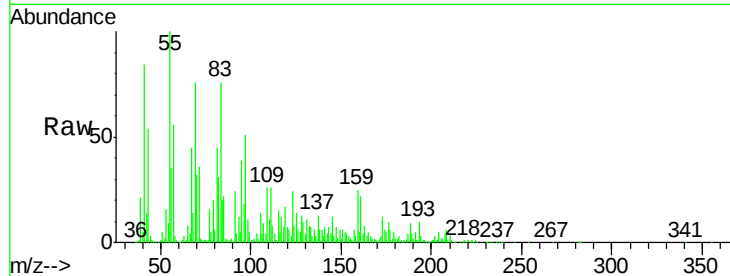




#48
 3-Nitroaniline
 Concen: 1.05 ng/ul
 RT: 14.43 min Scan# 1929
 Delta R.T. 0.03 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

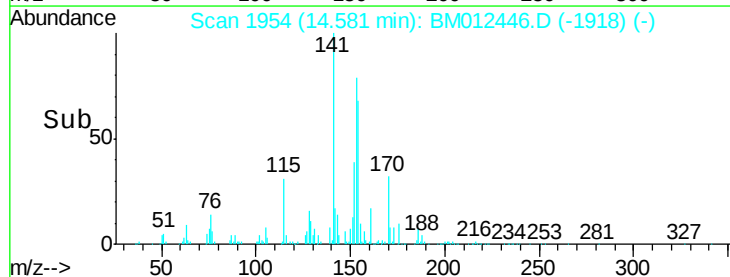
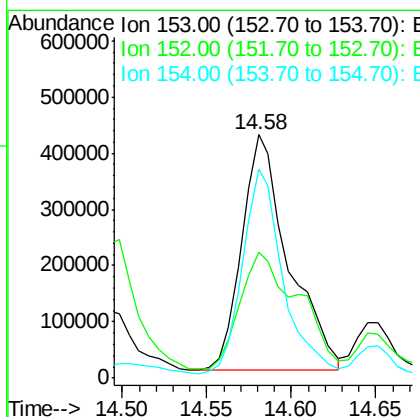
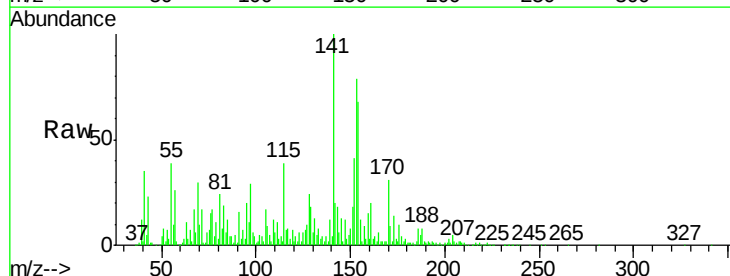
Instrument :
 BNA_M
 ClientSampled :

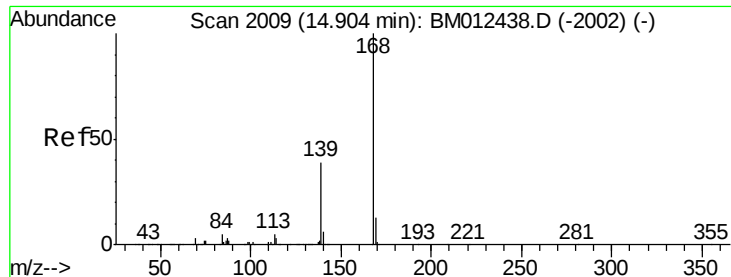
Tot Ion:138 Resp: 24675
 Ion Ratio Lower Upper
 138 100
 108 70.0 9.9 14.9#
 92 67.1 105.0 157.4#



#49
 Acenaphthene
 Concen: 6.61 ng/ul
 RT: 14.58 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion:153 Resp: 811787
 Ion Ratio Lower Upper
 153 100
 152 51.4 37.6 56.4
 154 85.8 70.4 105.6

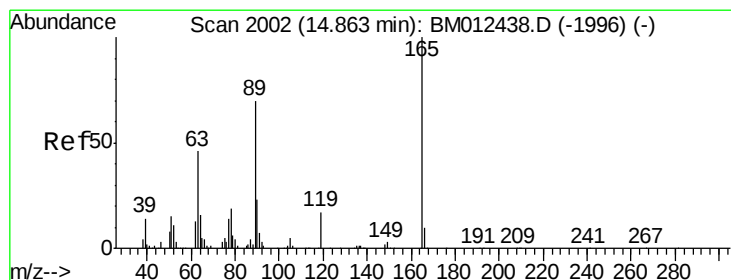
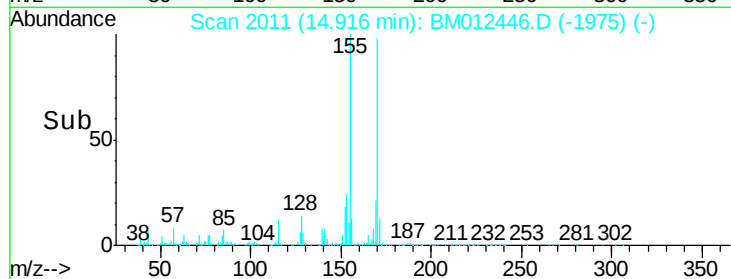
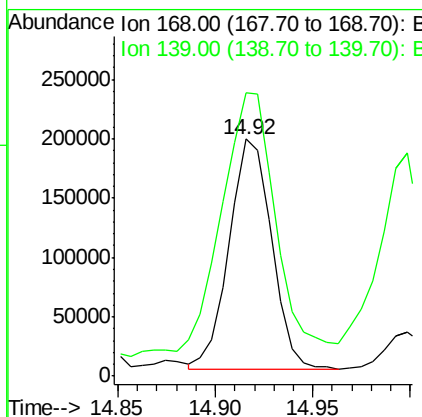
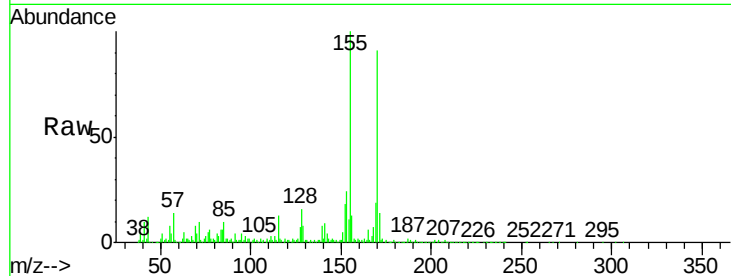




#53
 Dibenzofuran
 Concen: 1.61 ng/ul
 RT: 14.92 min Scan# 2011
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

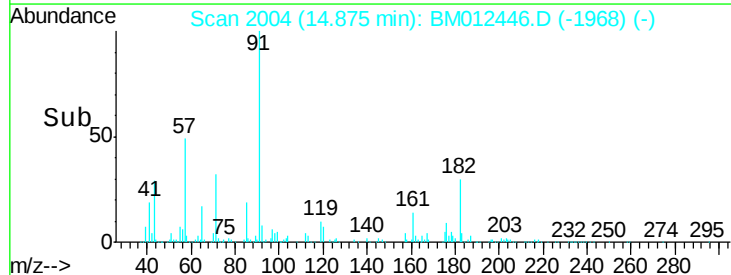
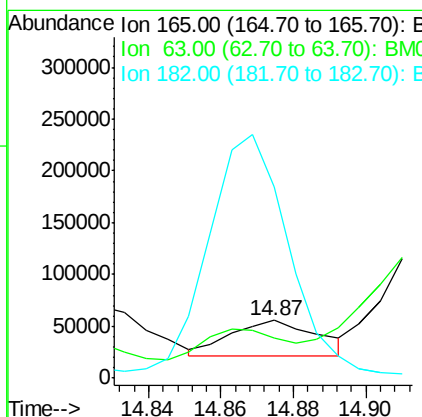
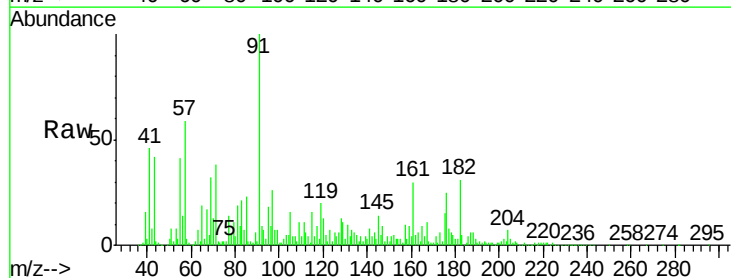
Instrument :
 BNA_M
 ClientSampleId :

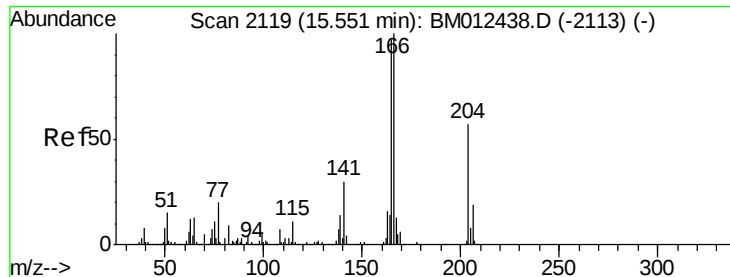
Tot Ion:168 Resp: 292446
 Ion Ratio Lower Upper
 168 100
 139 119.5 30.8 46.2#



#54
 2,4-Dinitrotoluene
 Concen: 1.51 ng/ul
 RT: 14.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion:165 Resp: 56643
 Ion Ratio Lower Upper
 165 100
 63 70.3 45.8 68.8#
 182 331.2 2.6 4.0#

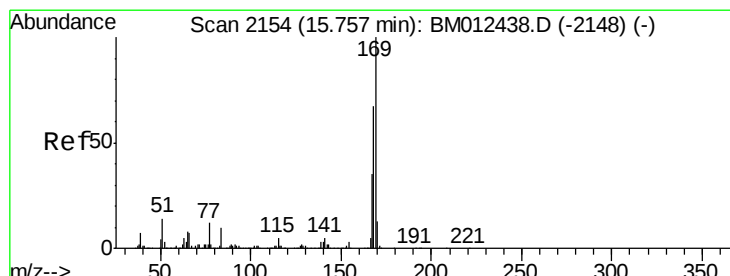
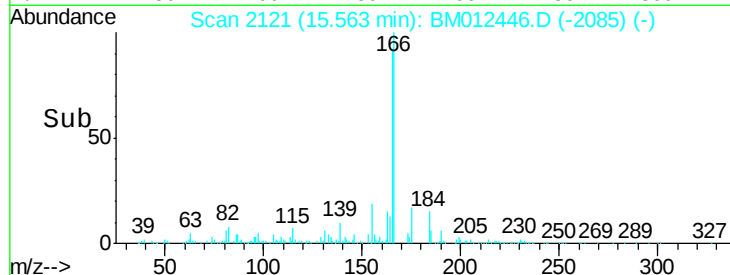
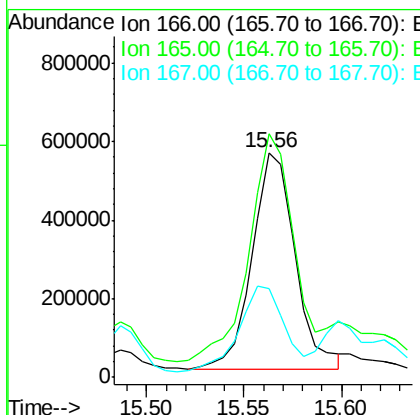
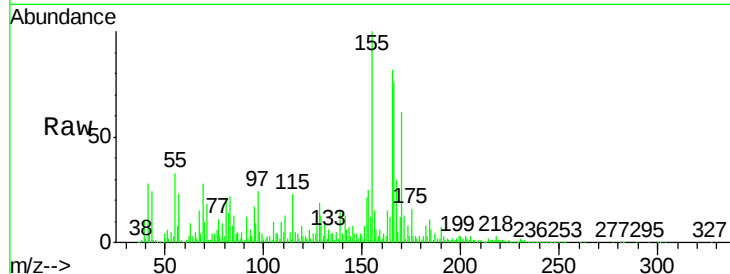




#58
 Fluorene
 Concen: 5.46 ng/ul
 RT: 15.56 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

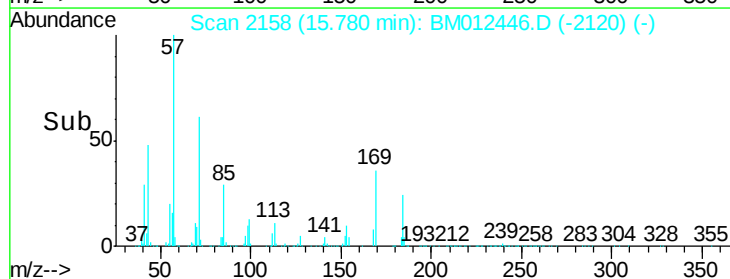
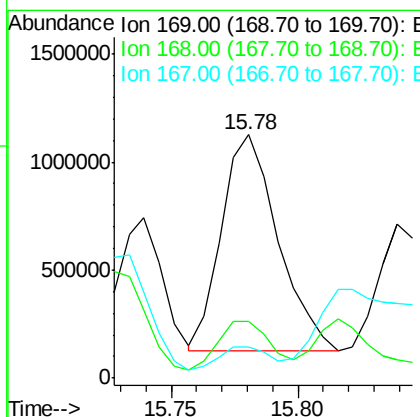
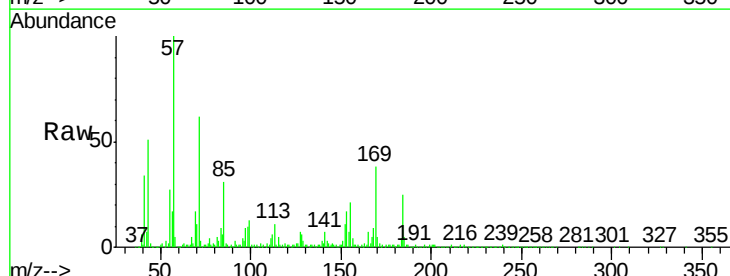
Instrument :
 BNA_M
 ClientSampleId :

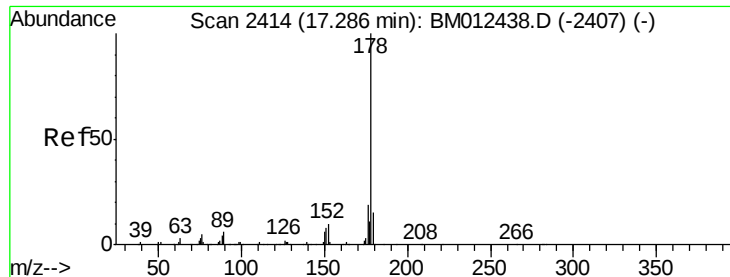
Tot Ion	Ratio	Lower	Upper
166	100		
165	108.5	77.9	116.9
167	39.7	10.6	16.0



#64
 N-Nitrosodiphenylamine
 Concen: 12.42 ng/ul
 RT: 15.78 min Scan# 2158
 Delta R.T. 0.02 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	23.4	54.0	81.0
167	12.7	29.1	43.7





#69

Phenanthrene

Concen: 19.67 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

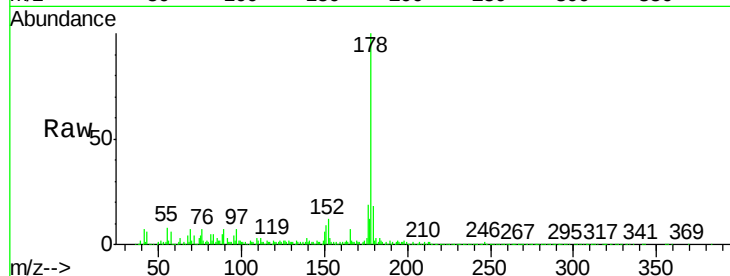
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 4556377

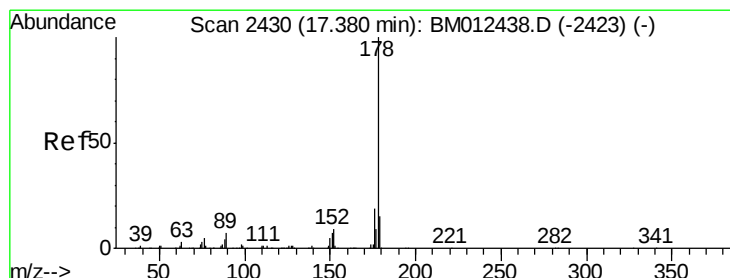
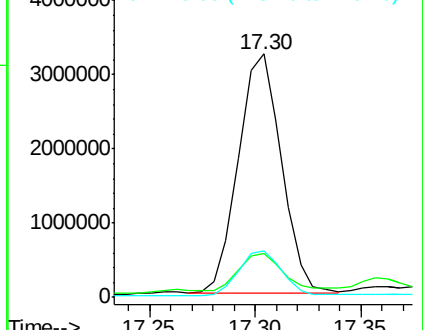
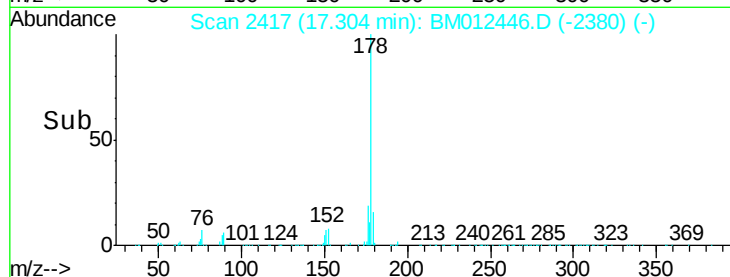
Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	19.0
176	19.3	14.9	22.3



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: 2.16 ng/ul

RT: 17.39 min Scan# 2432

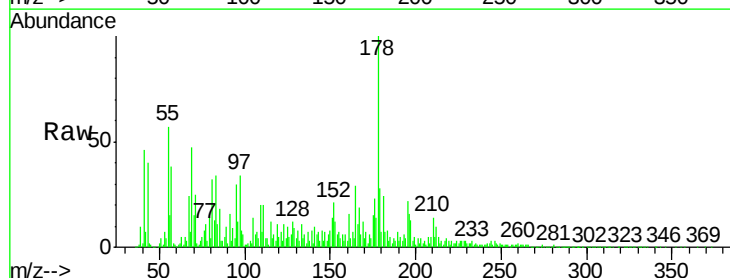
Delta R.T. 0.01 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Tgt Ion:178 Resp: 517114

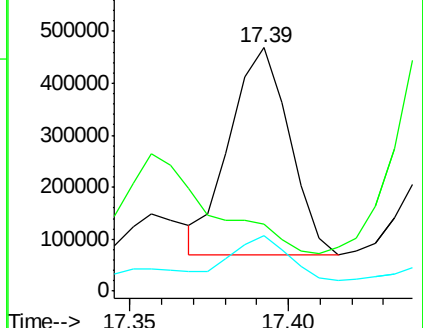
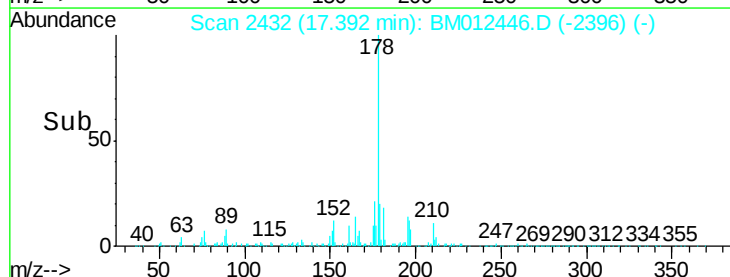
Ion	Ratio	Lower	Upper
178	100		
179	27.8	11.7	17.5#
176	22.7	14.6	21.8#

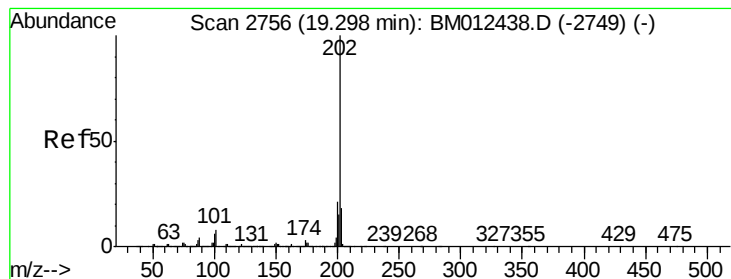


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.47 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.01 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

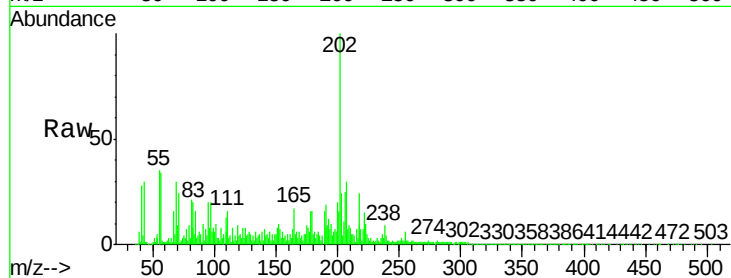
Tot Ion:202 Resp: 1172584

Ion Ratio Lower Upper

202 100

101 10.1 4.6 7.0#

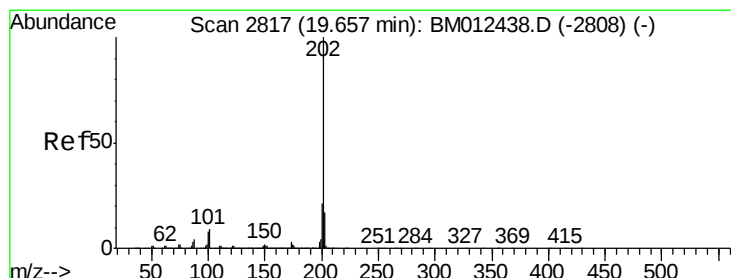
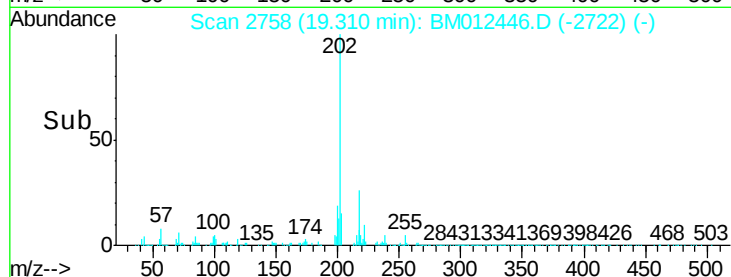
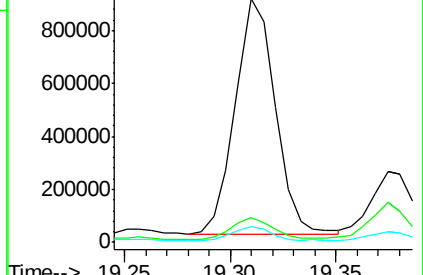
100 6.4 3.4 5.2#



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: 9.99 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. 0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

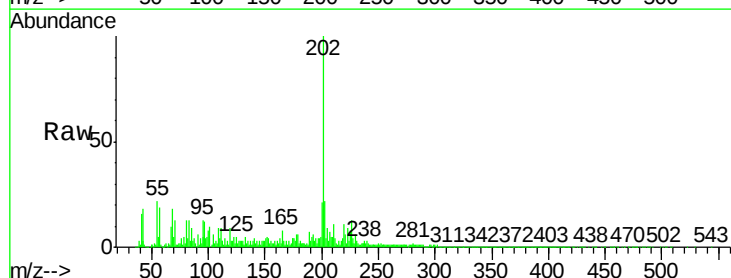
Tgt Ion:202 Resp: 2358242

Ion Ratio Lower Upper

202 100

101 9.7 5.1 7.7#

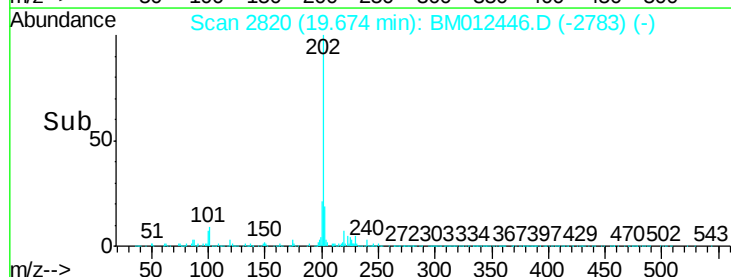
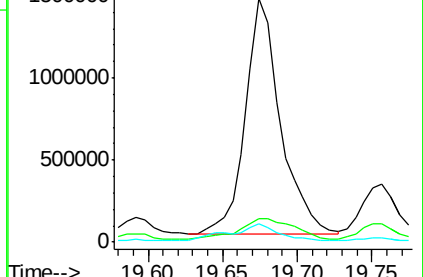
100 7.8 4.9 7.3#

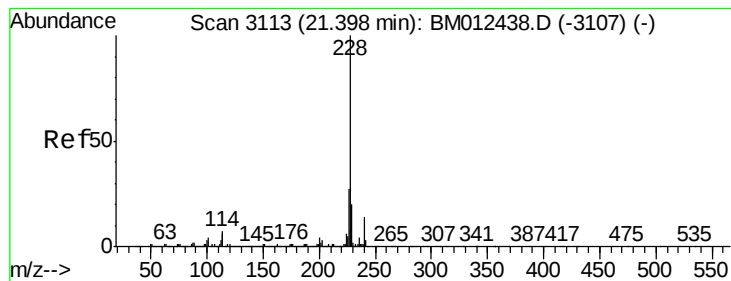


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.21 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

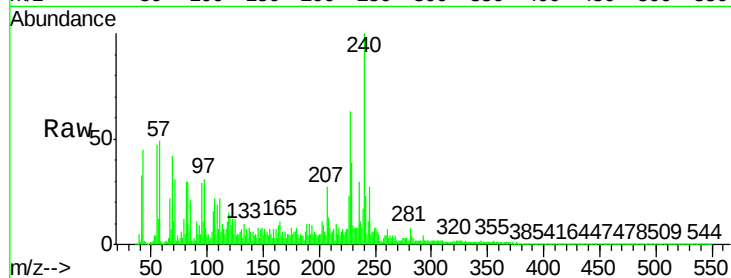
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 797872

Ion	Ratio	Lower	Upper
228	100		
229	62.5	15.4	23.0#
226	36.8	21.4	32.0#

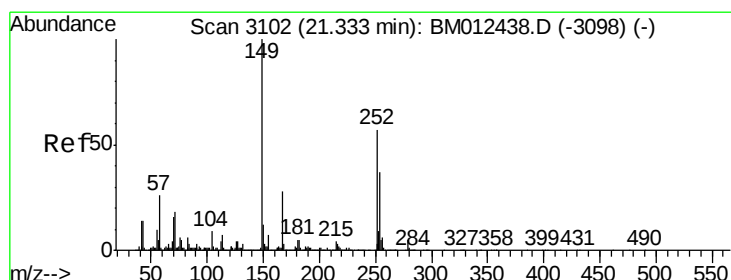
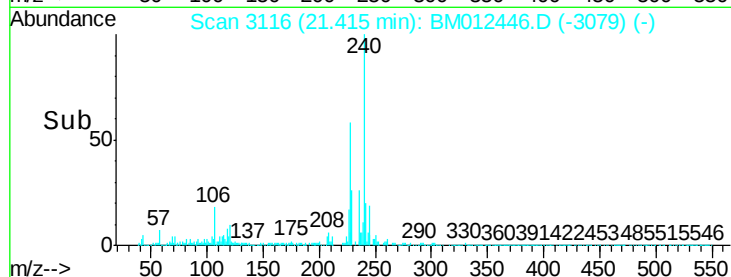
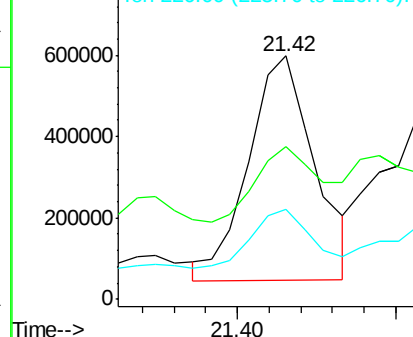


Abundance

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: 13.31 ng/ul

RT: 21.34 min Scan# 3104

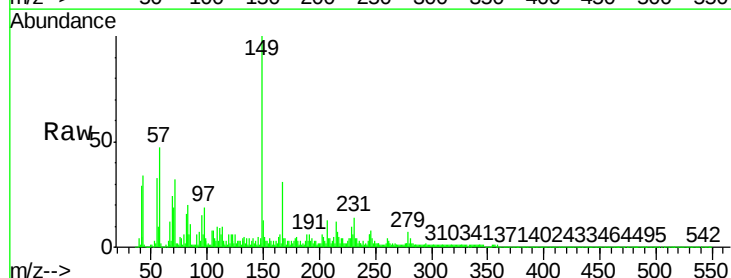
Delta R.T. 0.01 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Tgt Ion:149 Resp: 1883040

Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.8	34.2
279	6.6	4.9	7.3

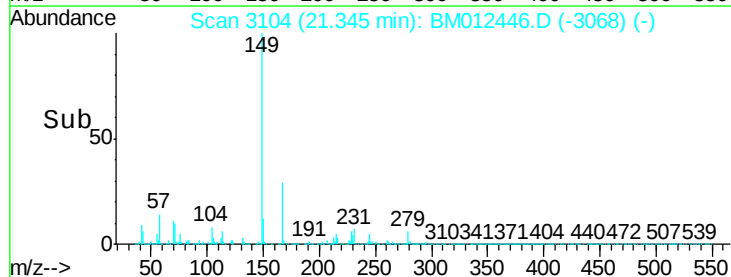
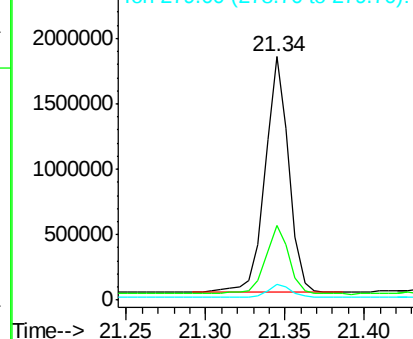


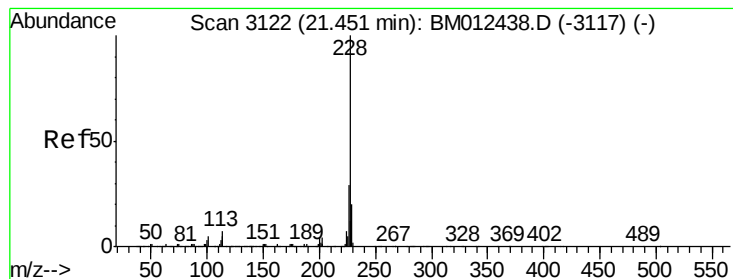
Abundance

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: 4.68 ng/ul

RT: 21.46 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

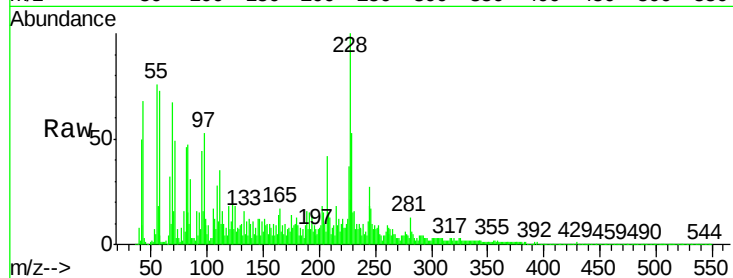
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1034962

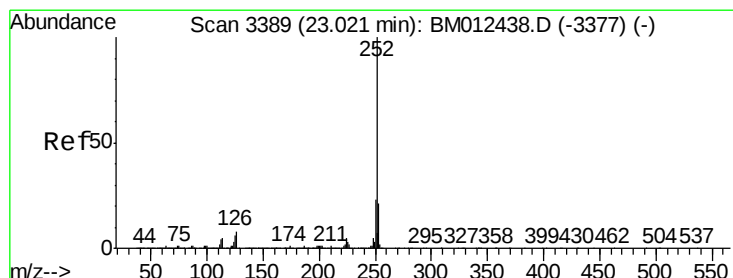
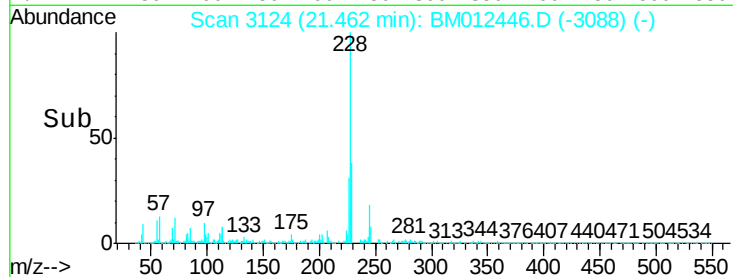
Ion	Ratio	Lower	Upper
228	100		
226	36.5	23.4	35.2#
229	52.6	15.5	23.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 2.39 ng/ul

RT: 23.04 min Scan# 3393

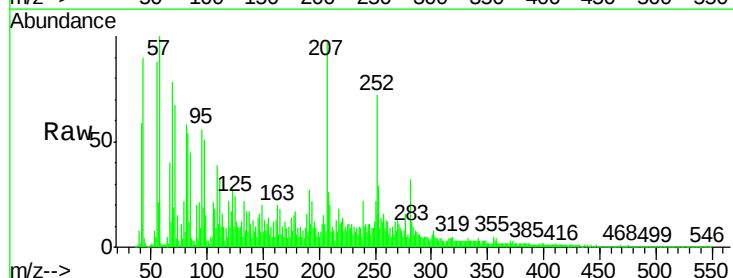
Delta R.T. 0.02 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Tgt Ion:252 Resp: 561620

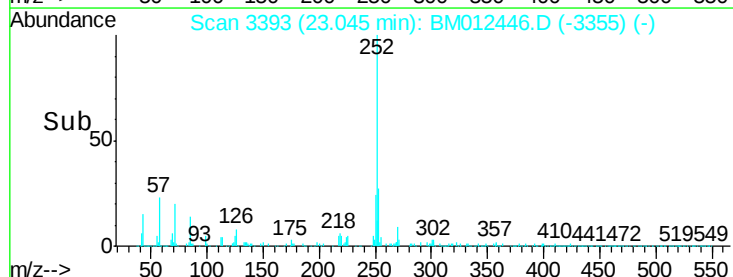
Ion	Ratio	Lower	Upper
252	100		
253	40.5	17.9	26.9#
125	33.3	3.6	5.4#

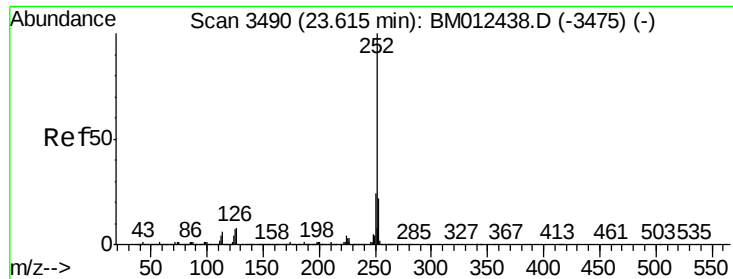


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.22 ng/ul

RT: 23.64 min Scan# 3495

Delta R.T. 0.03 min

Lab File: BM012446.D

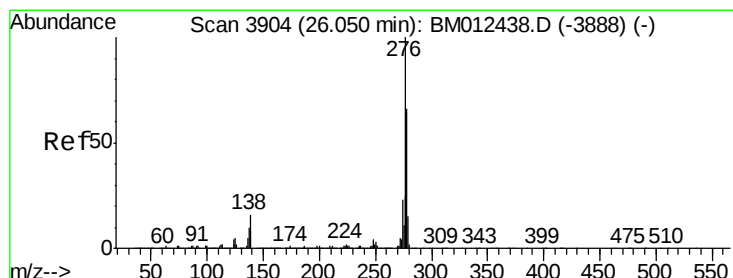
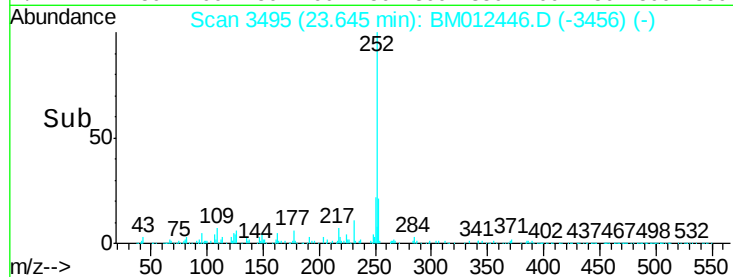
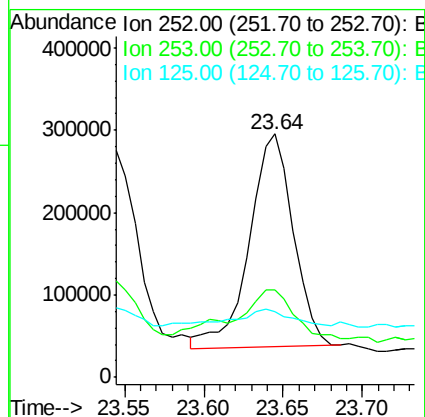
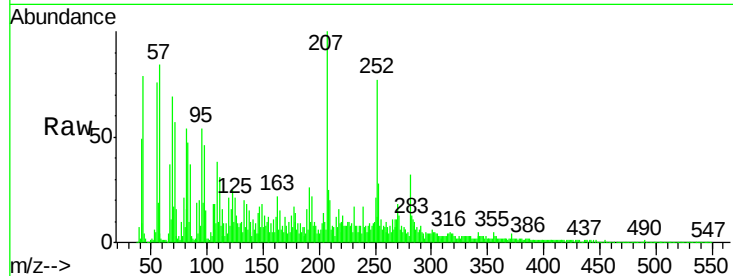
Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	497125
Ion Ratio	Lower	Upper	
252	100		
253	36.0	18.2	27.2#
125	27.0	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng/ul

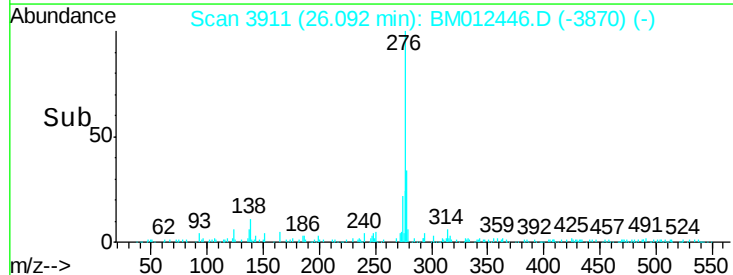
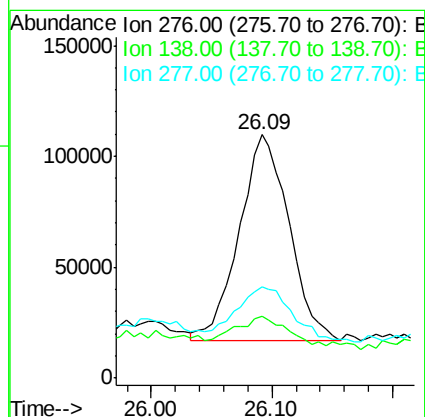
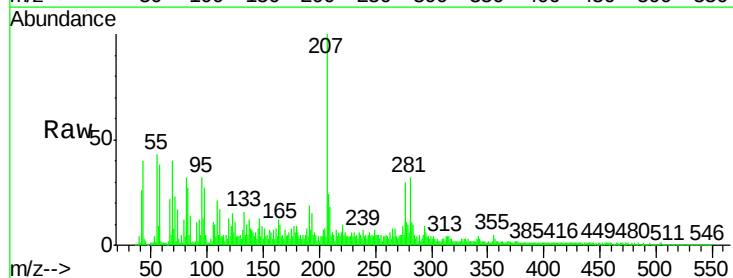
RT: 26.09 min Scan# 3911

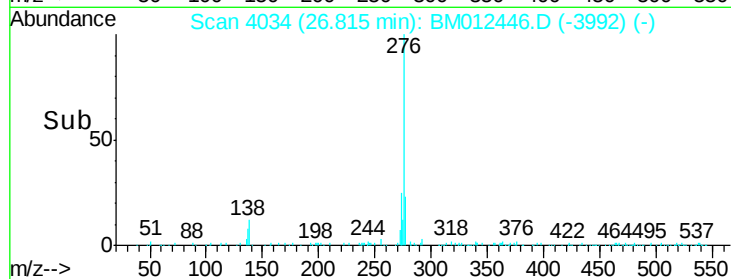
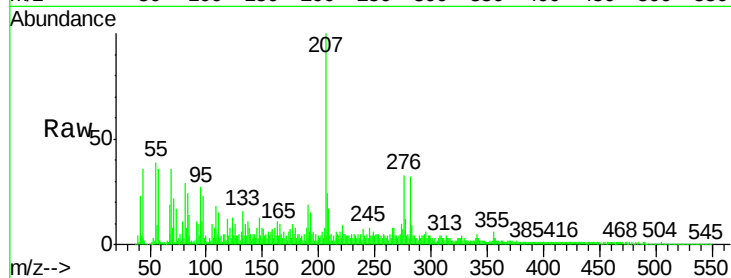
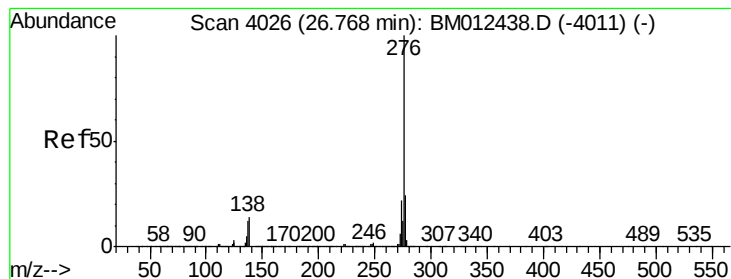
Delta R.T. 0.04 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Tgt Ion:	276	Resp:	265892
Ion Ratio	Lower	Upper	
276	100		
138	25.3	9.3	13.9#
277	37.3	19.9	29.9#





#91

Benzo(a,h,i)perylene

Concen: 1.61 ng/ul

RT: 26.82 min Scan# 4034

Delta R.T. 0.05 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 343856

Ion Ratio Lower Upper

276 100

138 23.0 8.5 12.7#

277 35.6 18.6 28.0#

