

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
 Data File : BM010566.D
 Acq On : 13 Jun 2017 18:43
 Operator : SJ/MA
 Sample : I3558-15 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 14 01:48:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	137892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	862034	20.00	ng/ul	0.08
35) Acenaphthene-d10	14.53	164	470426	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	125084	20.00	ng/ul	0.13
75) Chrysene-d12	21.49	240	26268	20.00	ng/ul	0.05
83) Perylene-d12	23.78	264	1352623	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	513	0.15	ng/uL	0.02
5) Phenol-d5	7.07	99	14586	1.40	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.23	67	8610	1.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	13542	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	12856	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	2192	0.35	ng/ul	0.06
22) 2-Nitrophenol-d4	9.78	143	8485	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	16412	1.09	ng/ul	0.02
29) 4-Chloroaniline-d4	10.96	131	48383	3.34	ng/ul	0.11
43) Dimethylphthalate-d6	13.94	166	86280	2.21	ng/ul	0.01
46) Acenaphthylene-d8	14.22	160	76321	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	2892	0.49	ng/ul	0.01
57) Fluorene-d10	15.52	176	65366	1.90	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.76	200	448	0.51	ng/ul	0.11
70) Anthracene-d10	17.40	188	123612	20.31	ng/ul	0.03
76) Pyrene-d10	19.67	212	205276	188.98	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.63	264	117981	1.87	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	7.07	77	64437	9.17	ng/ul# 1
6) Phenol	7.10	94	54840	5.12	ng/ul 94
11) 2-Methylphenol	8.34	108	44851	5.74	ng/ul 98
16) 4-Methylphenol	8.67	108	118204	13.78	ng/ul 93
17) Hexachloroethane	8.96	117	60601	15.97	ng/ul# 1
24) 2,4-Dimethylphenol	9.87	107	156676	8.69	ng/ul 96
40) 1,1'-Biphenyl	13.36	154	11641327	305.05	ng/ul 96
42) 2-Nitroaniline	13.68	65	88327	11.57	ng/ul# 29
44) Dimethylphthalate	13.99	163	39846	1.04	ng/ul# 96
47) Acenaphthylene	14.25	152	1825629	40.97	ng/ul# 97
48) 3-Nitroaniline	14.50	138	14487	2.13	ng/ul# 82
49) Acenaphthene	14.50	153	506058	16.19	ng/ul# 1
53) Dibenzofuran	14.83	168	539894	11.68	ng/ul# 59
54) 2,4-Dinitrotoluene	14.92	165	81549	7.88	ng/ul# 1
58) Fluorene	15.49	166	190375	5.02	ng/ul# 1
60) 4-Nitroaniline	15.67	138	11003	1.55	ng/ul# 1
63) 4,6-Dinitro-2-methylphenol	15.77	198	2514	2.68	ng/ul# 1
64) N-Nitrosodiphenylamine	15.92	169	35669	9.78	ng/ul# 52
69) Phenanthrene	17.43	178	3505699	524.99	ng/ul# 54
71) Anthracene	17.49	178	143454	20.58	ng/ul# 1
72) Carbazole	17.70	167	11659499	1976.01	ng/ul 95
73) Di-n-butylphthalate	18.36	149	68992	10.36	ng/ul# 1
74) Fluoranthene	19.49	202	506469	61.68	ng/ul# 96

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

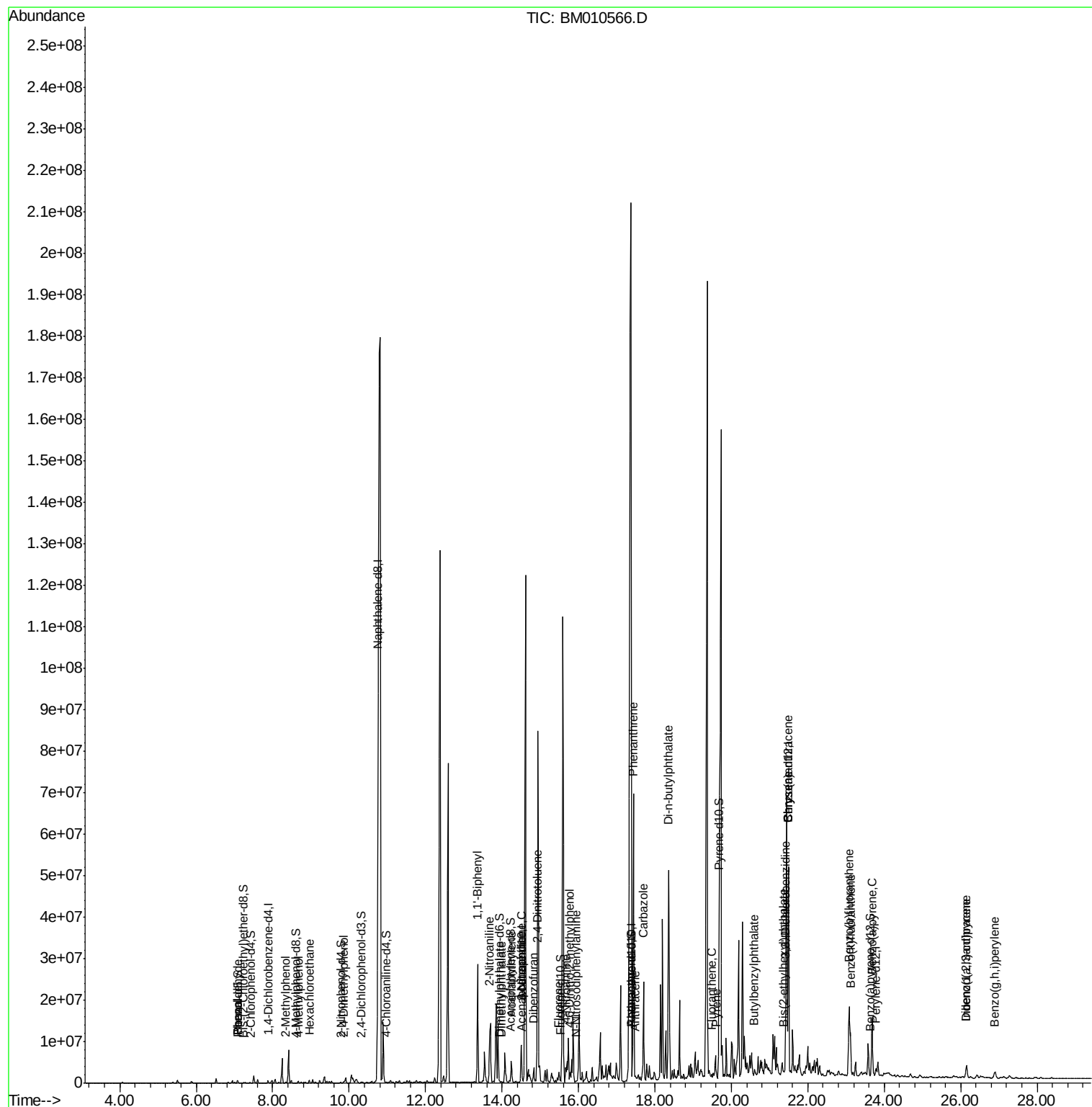
77) Pyrene	19.60	202	137791	101.80	ng/ul#	88
78) Butylbenzylphthalate	20.60	149	1800	3.85	ng/ul#	9
79) 3,3'-Dichlorobenzidine	21.42	252	3500	6.79	ng/ul#	1
80) Benzo(a)anthracene	21.49	228	15566837	10508.99	ng/ul#	67
81) Bis(2-ethylhexyl)phthalate	21.36	149	2596	3.73	ng/ul#	4
82) Chrysene	21.49	228	15566837	11625.35	ng/ul#	71
85) Benzo(b)fluoranthene	23.08	252	15294513	194.32	ng/ul	99
86) Benzo(k)fluoranthene	23.11	252	5939343	78.99	ng/ul	99
88) Benzo(a)pyrene	23.69	252	9501385	121.79	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.16	276	2821338	28.62	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.16	278	827540	9.75	ng/ul#	91
91) Benzo(a,h,i)perylene	26.90	276	1842376	22.69	ng/ul	98

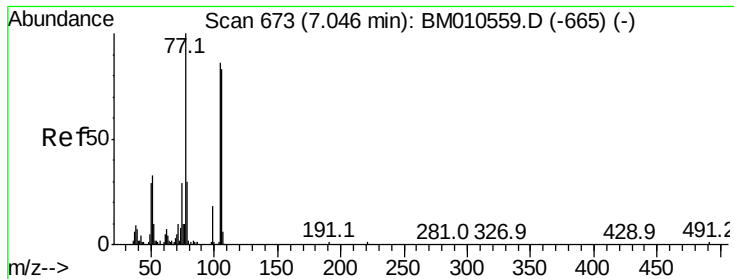
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 9.17 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. 0.03 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

ClientSampled :

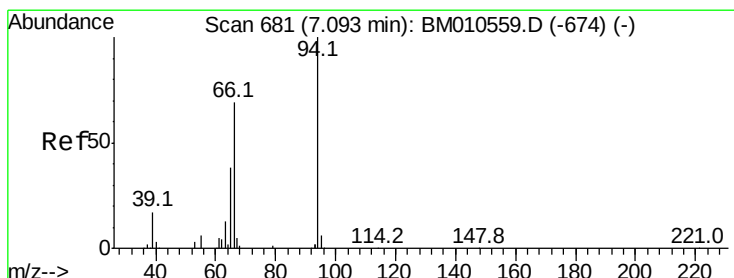
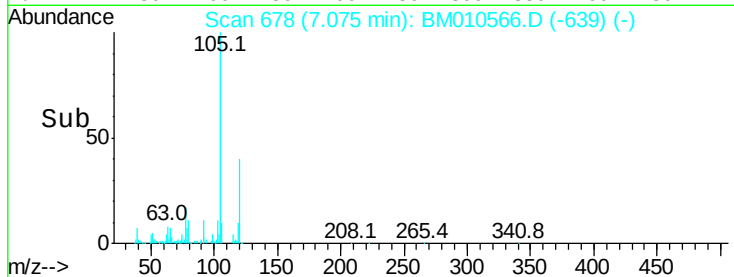
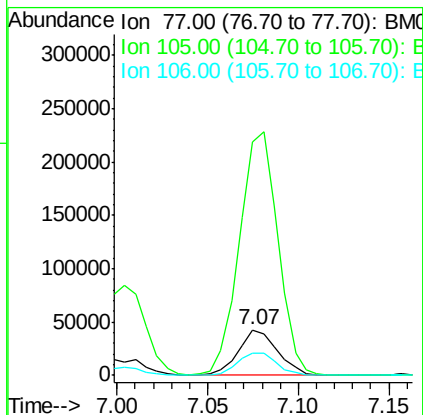
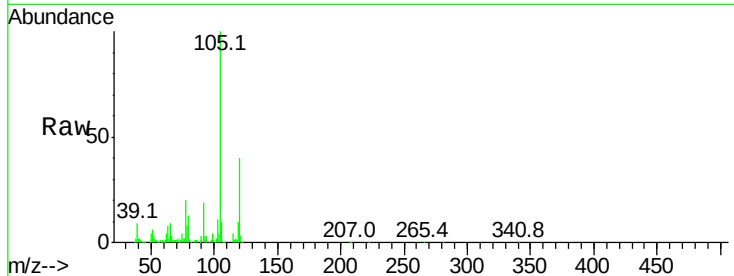
Tot Ion: 77 Resp: 64437

Ion Ratio Lower Upper

77 100

105 511.2 66.1 99.1#

106 49.5 67.8 101.6#



#6

Phenol

Concen: 5.12 ng/ul

RT: 7.10 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

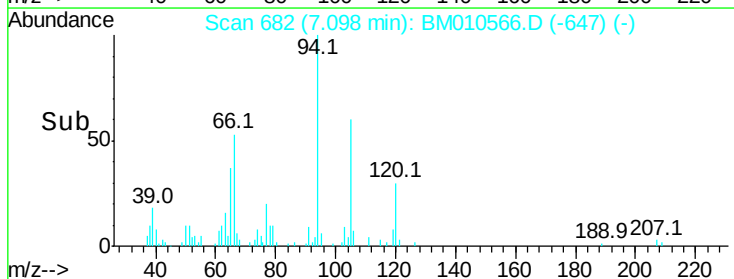
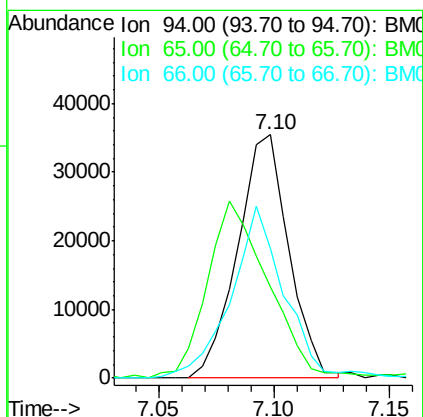
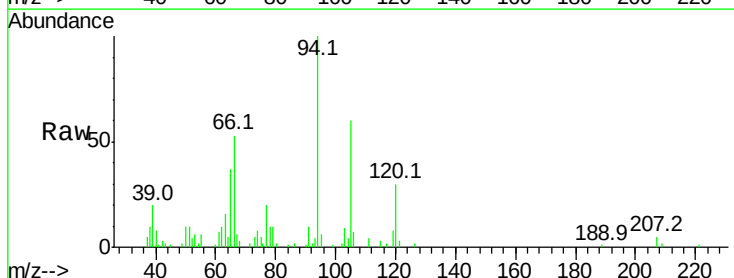
Tgt Ion: 94 Resp: 54840

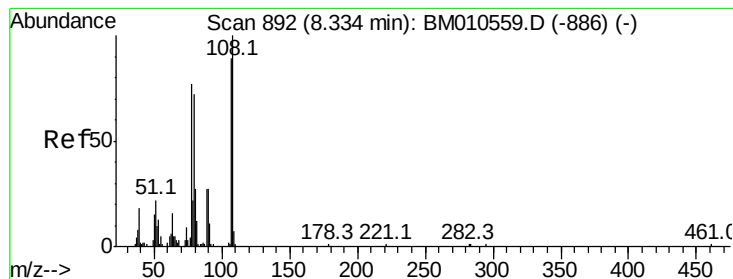
Ion Ratio Lower Upper

94 100

65 37.3 28.2 42.4

66 53.3 47.2 70.8





#11

2-Methylphenol

Concen: 5.74 ng/ul

RT: 8.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

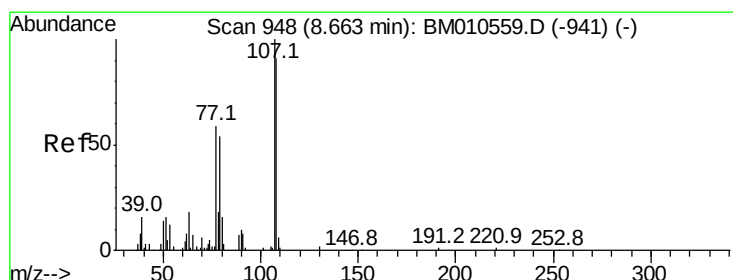
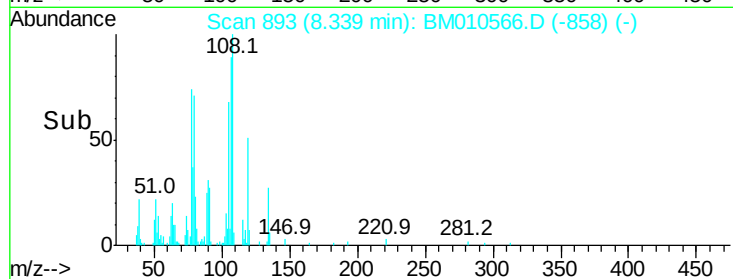
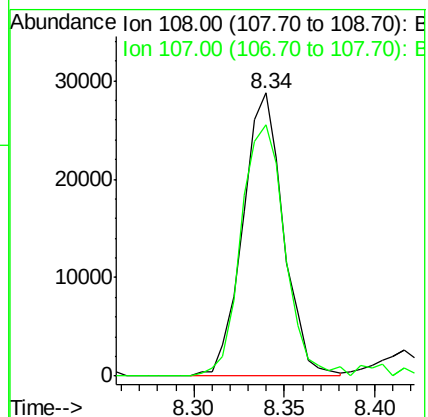
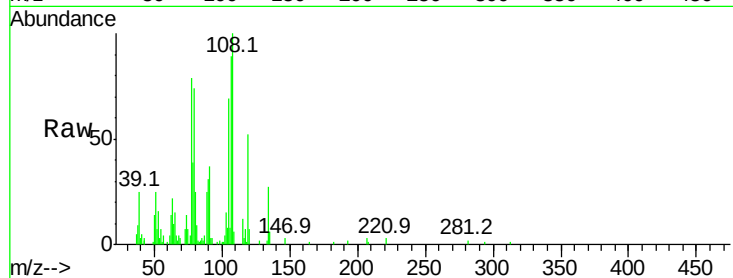
ClientSampleId :

Tot Ion:108 Resp: 44851

Ion Ratio Lower Upper

108 100

107 88.8 72.6 108.8



#16

4-Methylphenol

Concen: 13.78 ng/ul

RT: 8.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BM010566.D

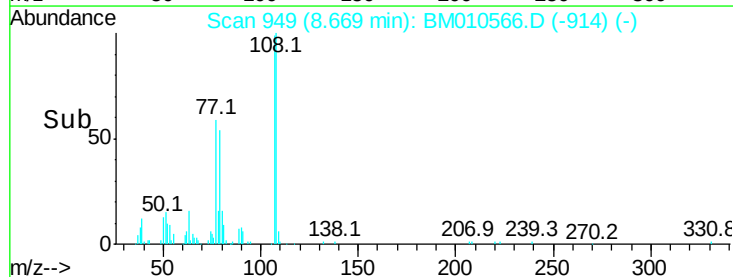
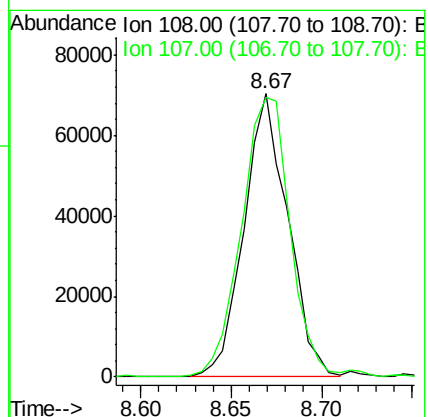
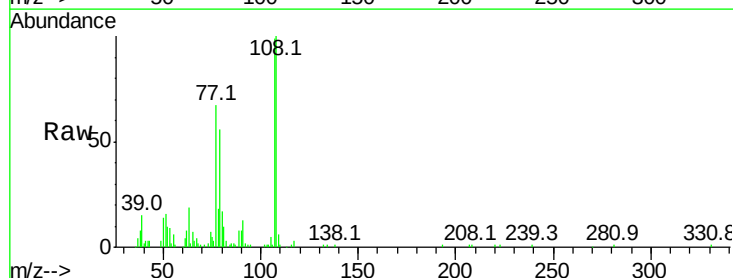
Acq: 13 Jun 2017 18:43

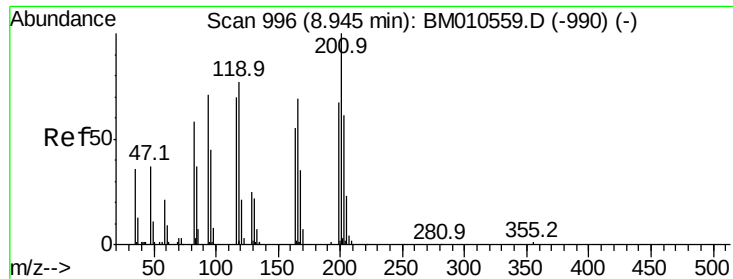
Tgt Ion:108 Resp: 118204

Ion Ratio Lower Upper

108 100

107 98.6 84.9 127.3





#17

Hexachloroethane

Concen: 15.97 ng/ul

RT: 8.96 min Scan# 999

Delta R.T. 0.02 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

ClientSampled :

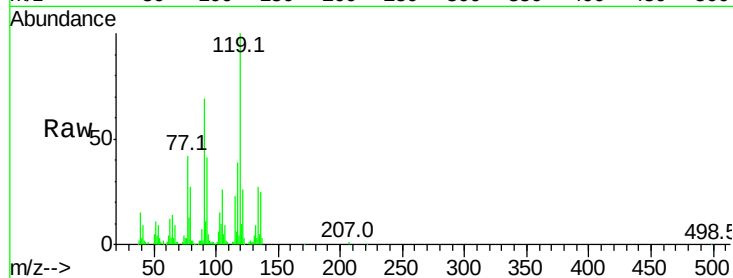
Tot Ion:117 Resp: 60601

Ion Ratio Lower Upper

117 100

201 0.0 111.6 167.4#

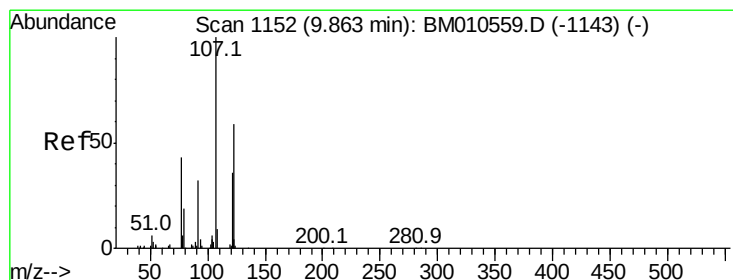
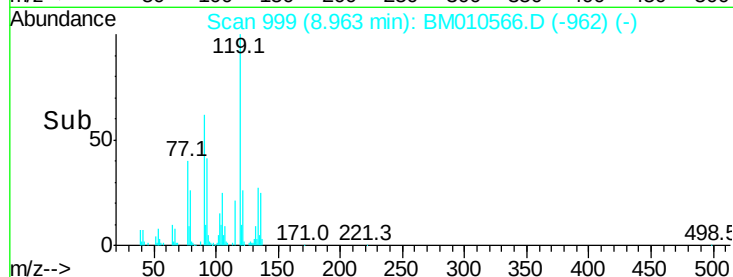
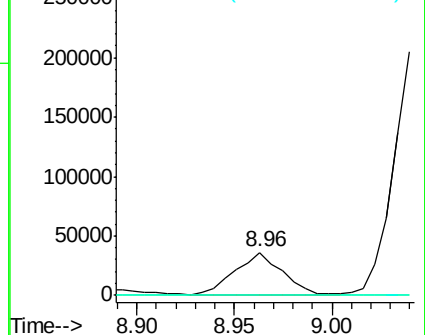
199 0.0 67.8 101.6#



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: 8.69 ng/ul

RT: 9.87 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

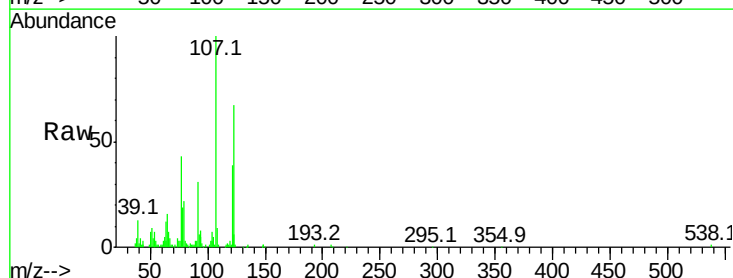
Tgt Ion:107 Resp: 156676

Ion Ratio Lower Upper

107 100

121 39.0 31.9 47.9

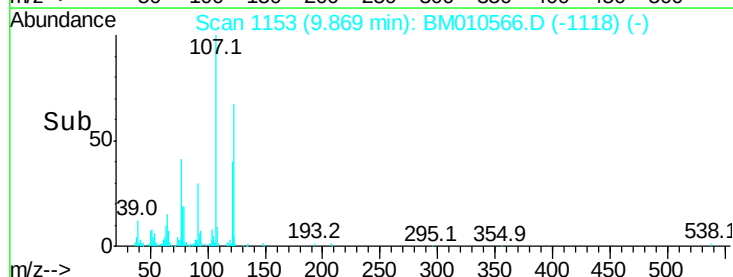
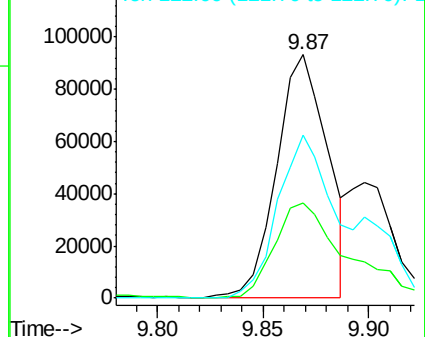
122 67.0 57.8 86.6

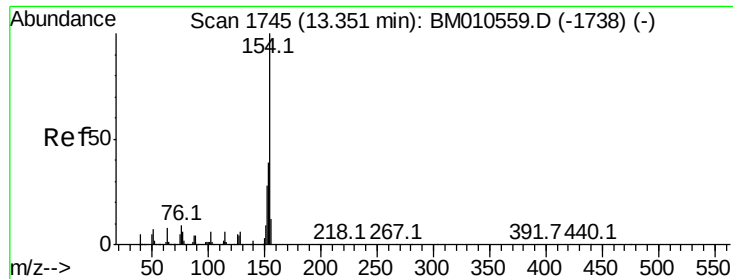


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#40

1,1'-Biphenyl

Concen: 305.05 ng/ul

RT: 13.36 min Scan# 1746

Delta R.T. 0.01 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

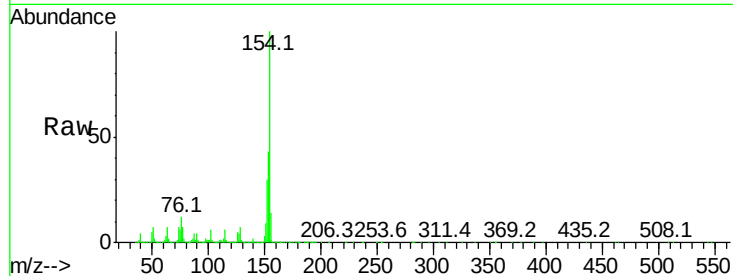
Instrument :

BNA_M

ClientSampled :

Tot Ion:154 Resp:11641327

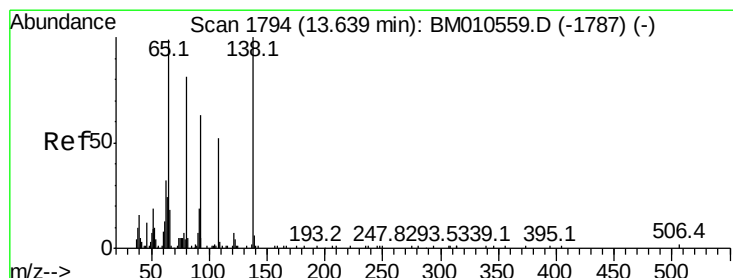
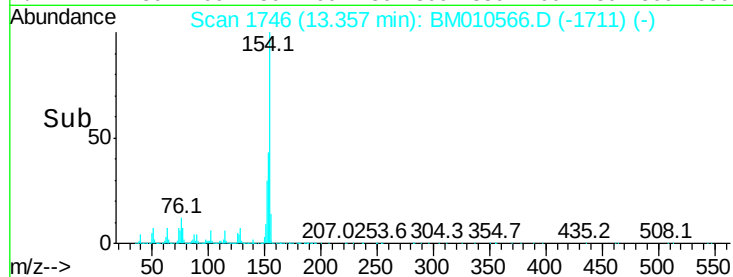
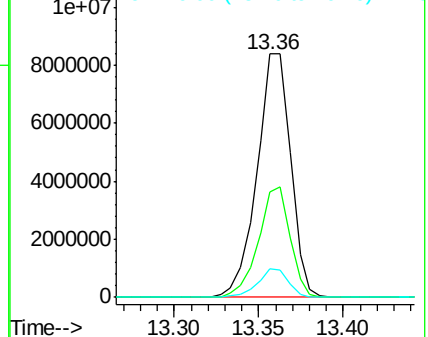
Ion	Ratio	Lower	Upper
154	100		
153	43.1	32.6	48.8
76	12.0	8.5	12.7



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): B



#42

2-Nitroaniline

Concen: 11.57 ng/ul

RT: 13.68 min Scan# 1801

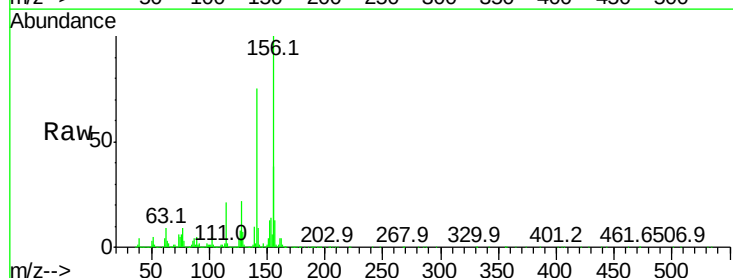
Delta R.T. 0.04 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Tgt Ion: 65 Resp: 88327

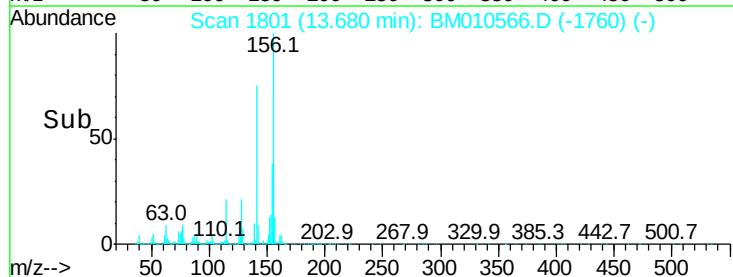
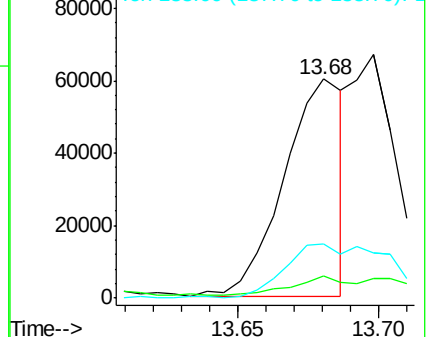
Ion	Ratio	Lower	Upper
65	100		
92	9.9	51.8	77.6#
138	24.5	74.2	111.4#

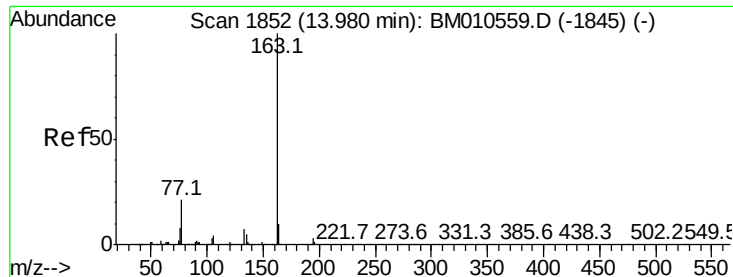


Abundance Ion 65.00 (64.70 to 65.70): B

Ion 92.00 (91.70 to 92.70): B

Ion 138.00 (137.70 to 138.70): E

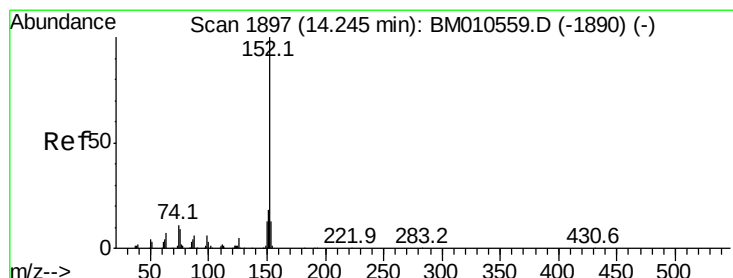
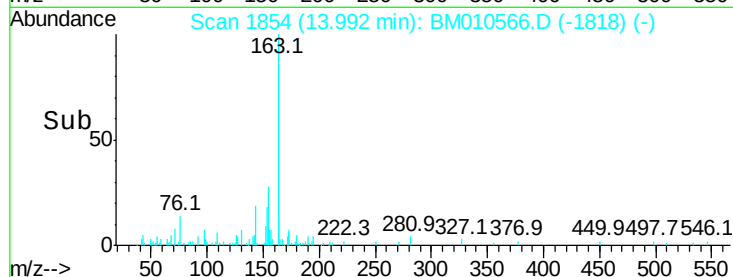
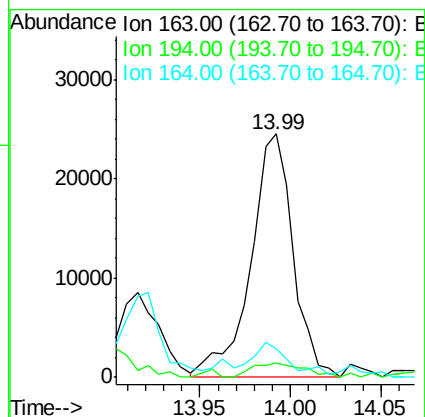
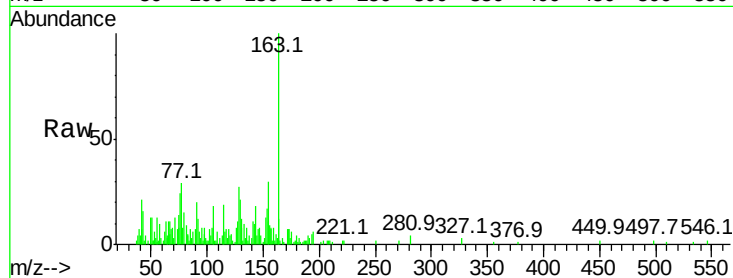




#44
Dimethylphthalate
Concen: 1.04 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BM010566.D
Acq: 13 Jun 2017 18:43

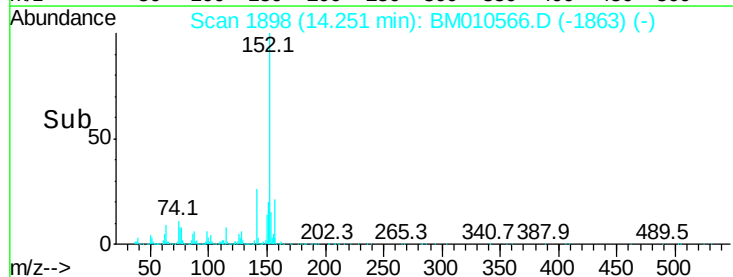
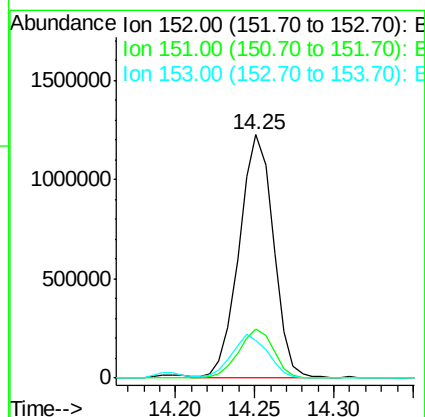
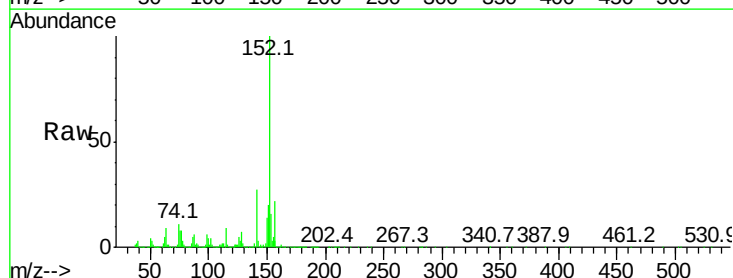
Instrument :
BNA_M
ClientSampleId :

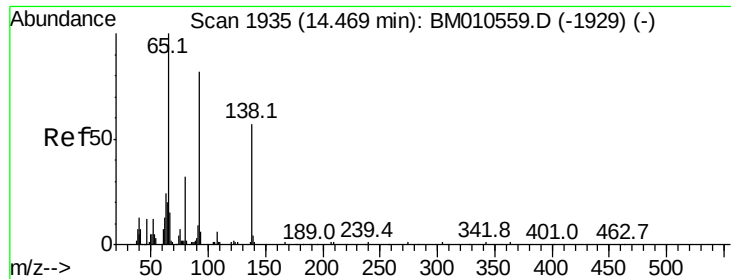
Tot Ion:163 Resp: 39846
Ion Ratio Lower Upper
163 100
194 5.9 3.5 5.3#
164 11.8 8.2 12.4



#47
Acenaphthylene
Concen: 40.97 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. 0.01 min
Lab File: BM010566.D
Acq: 13 Jun 2017 18:43

Tgt Ion:152 Resp: 1825629
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 15.6 10.2 15.4#





#48

3-Nitroaniline

Concen: 2.13 ng/ul

RT: 14.50 min Scan# 1940

Delta R.T. 0.03 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

ClientSampled :

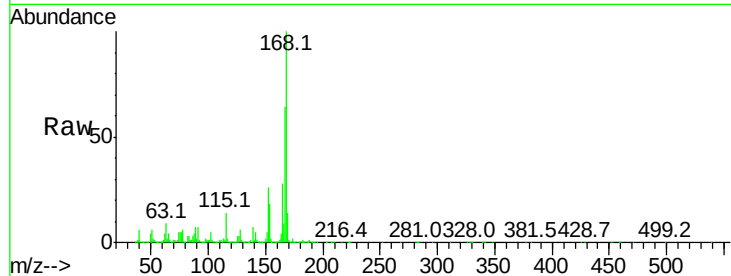
Tot Ion:138 Resp: 14487

Ion Ratio Lower Upper

138 100

108 23.3 9.9 14.9#

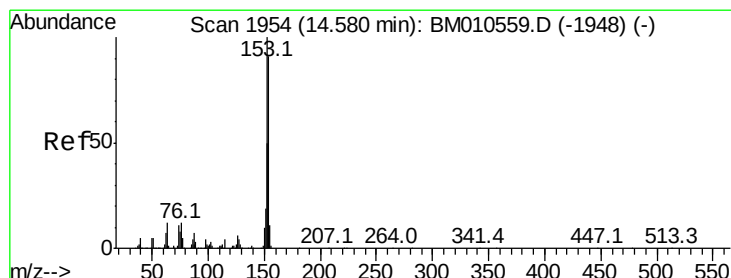
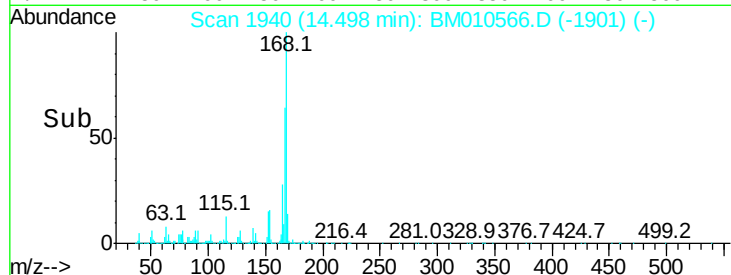
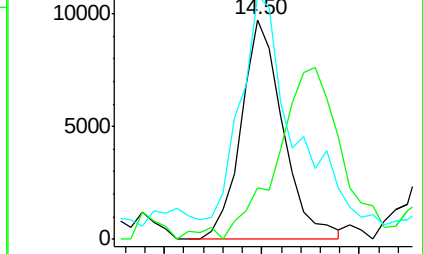
92 110.8 105.0 157.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#49

Acenaphthene

Concen: 16.19 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. -0.08 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

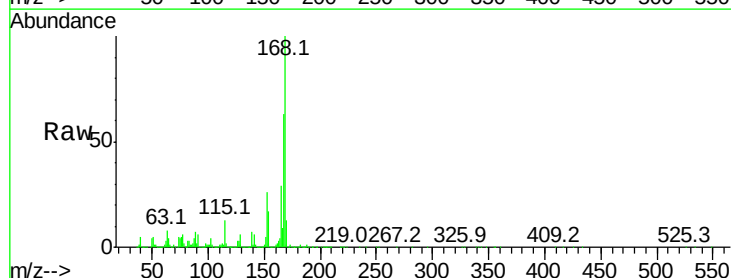
Tgt Ion:153 Resp: 506058

Ion Ratio Lower Upper

153 100

152 149.1 37.6 56.4#

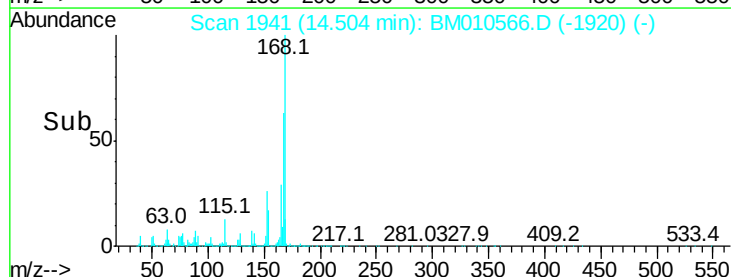
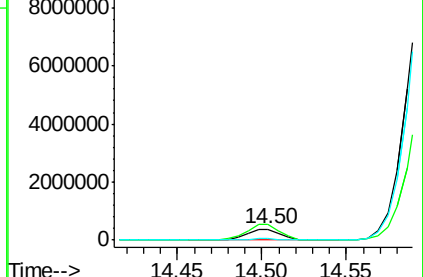
154 10.3 70.4 105.6#

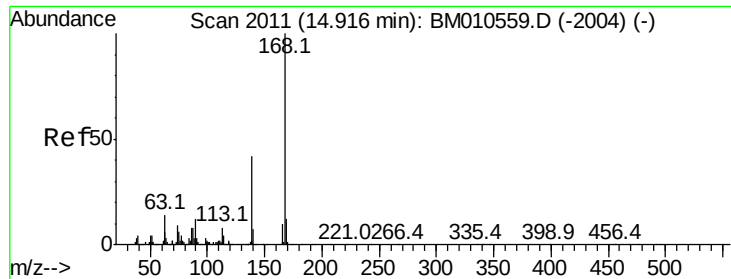


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzofuran

Concen: 11.68 ng/ul

RT: 14.83 min Scan# 1996

Delta R.T. -0.09 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

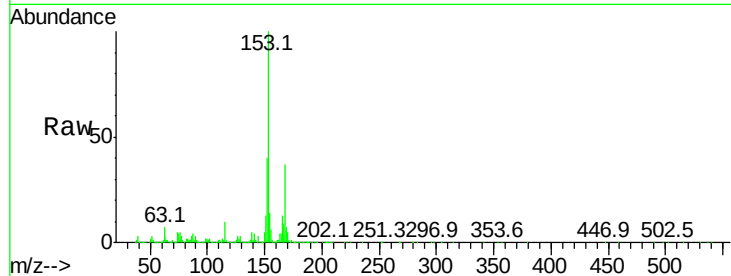
ClientSampleId :

Tot Ion:168 Resp: 539894

Ion Ratio Lower Upper

168 100

139 13.4 30.8 46.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.83

400000

300000

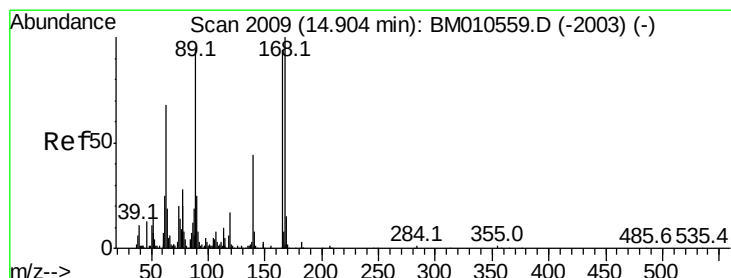
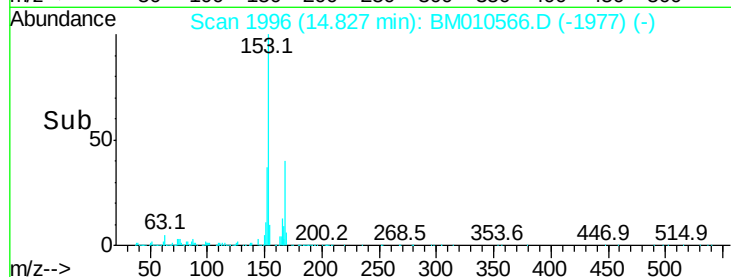
200000

100000

0

14.80 14.85

Time-->



#54

2,4-Dinitrotoluene

Concen: 7.88 ng/ul

RT: 14.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

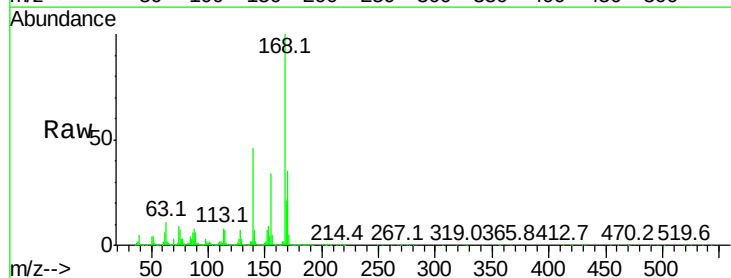
Tgt Ion:165 Resp: 81549

Ion Ratio Lower Upper

165 100

63 565.9 45.8 68.8#

182 4.2 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

4000000

3000000

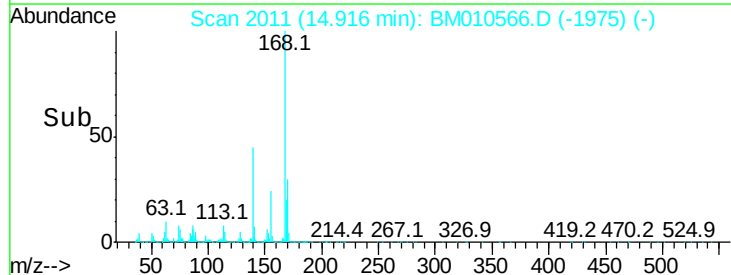
2000000

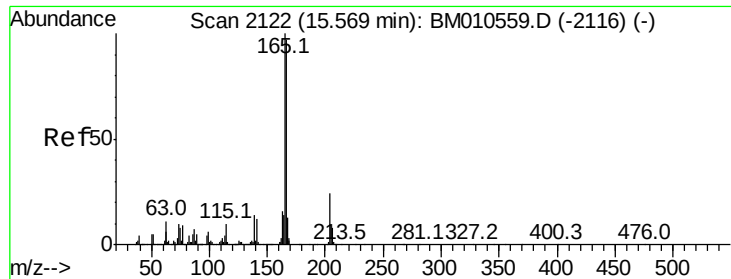
1000000

0

14.90 14.95

Time-->

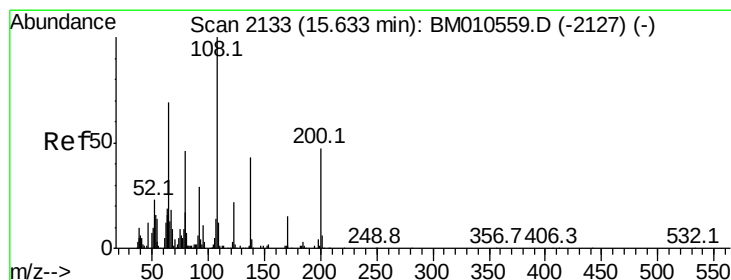
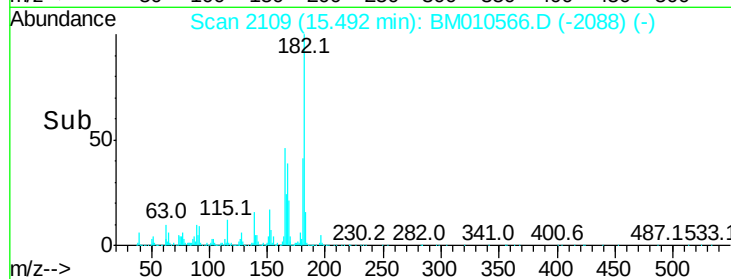
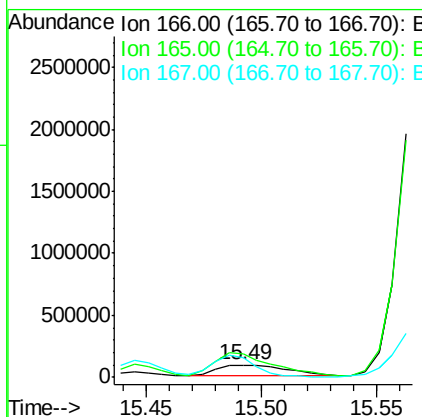
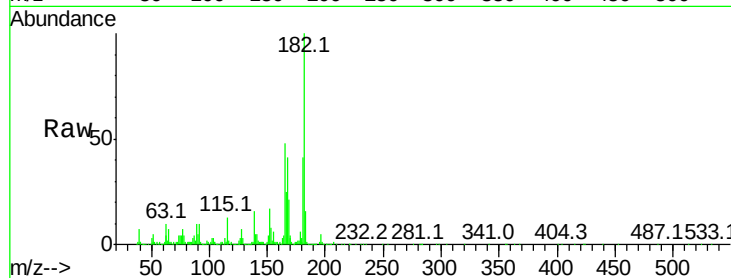




#58
 Fluorene
 Concen: 5.02 ng/ul
 RT: 15.49 min Scan# 2109
 Delta R.T. -0.08 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

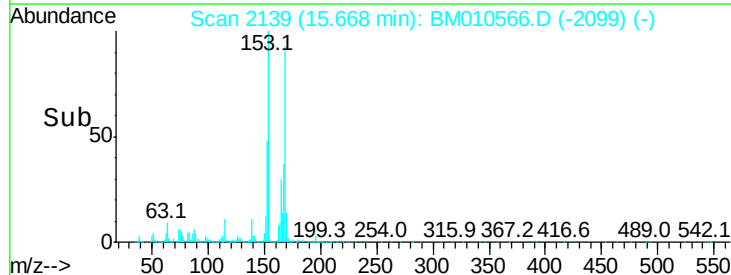
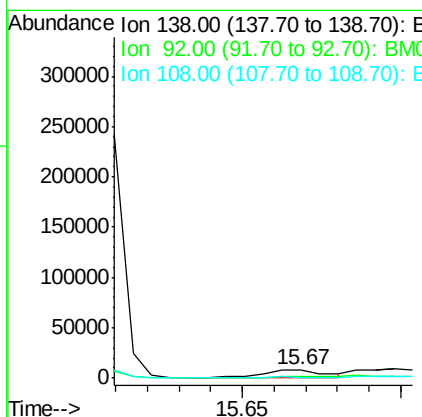
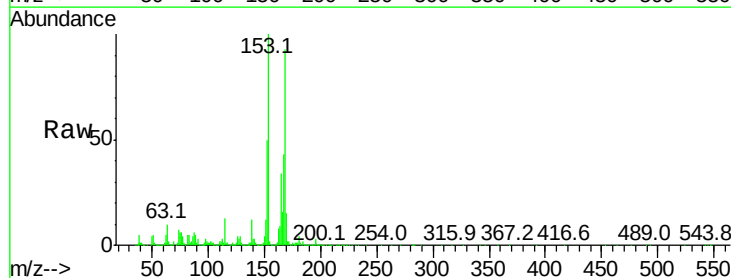
Instrument :
 BNA_M
 ClientSampleId :

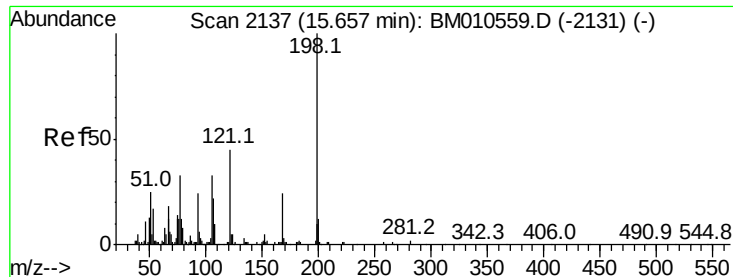
Tot Ion:166 Resp: 190375
 Ion Ratio Lower Upper
 166 100
 165 189.7 77.9 116.9#
 167 160.3 10.6 16.0#



#60
 4-Nitroaniline
 Concen: 1.55 ng/ul
 RT: 15.67 min Scan# 2139
 Delta R.T. 0.04 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

Tgt Ion:138 Resp: 11003
 Ion Ratio Lower Upper
 138 100
 92 18.5 52.7 79.1#
 108 5.7 140.4 210.6#





#63

4,6-Dinitro-2-methylphenol

Concen: 2.68 ng/ul

RT: 15.77 min Scan# 2157

Delta R.T. 0.12 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

ClientSampleId :

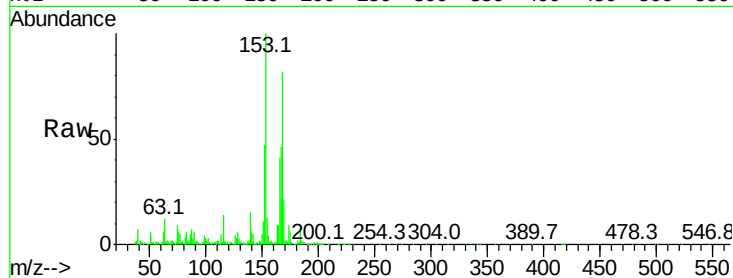
Tot Ion:198 Resp: 2514

Ion Ratio Lower Upper

198 100

182 120.7 3.8 5.6#

77 793.1 25.2 37.8#

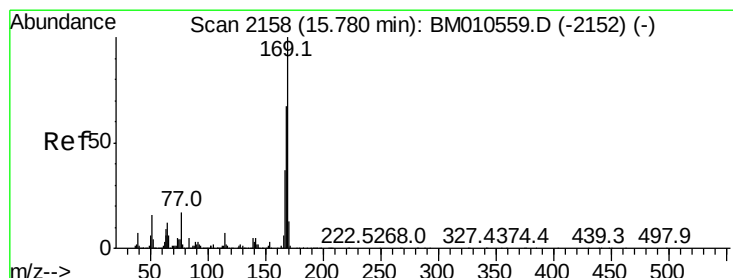
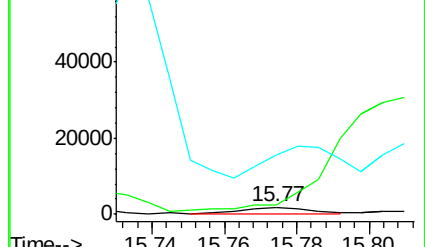
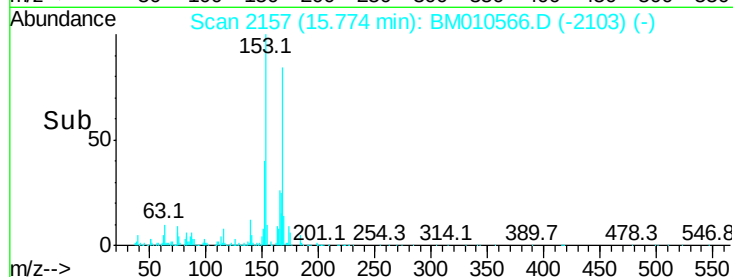


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): E

Time-->



#64

N-Nitrosodiphenylamine

Concen: 9.78 ng/ul

RT: 15.92 min Scan# 2182

Delta R.T. 0.14 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

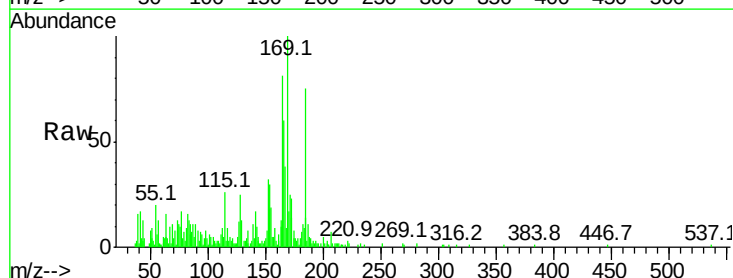
Tgt Ion:169 Resp: 35669

Ion Ratio Lower Upper

169 100

168 9.4 54.0 81.0#

167 38.1 29.1 43.7

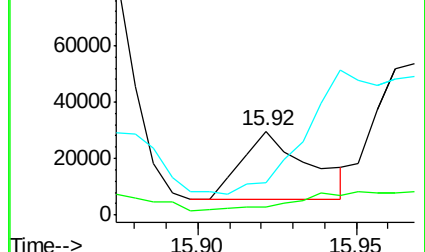
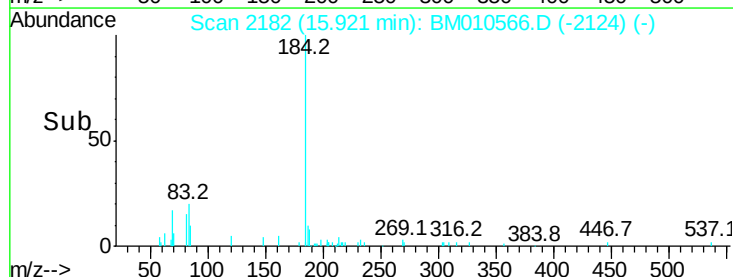


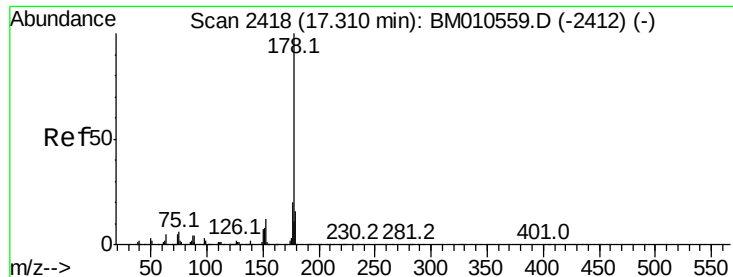
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->





#69

Phenanthrene

Concen: 524.99 ng/ul

RT: 17.43 min Scan# 2438

Delta R.T. 0.12 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

ClientSampleId :

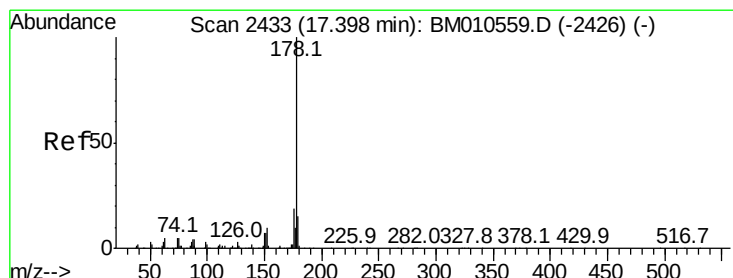
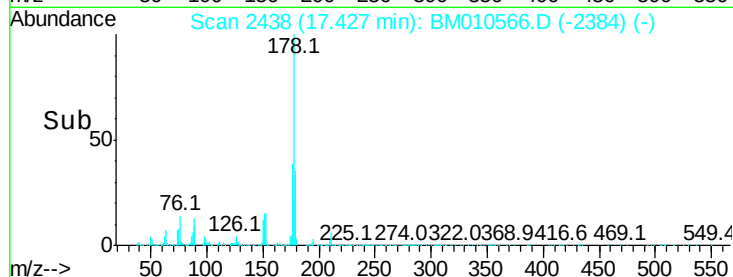
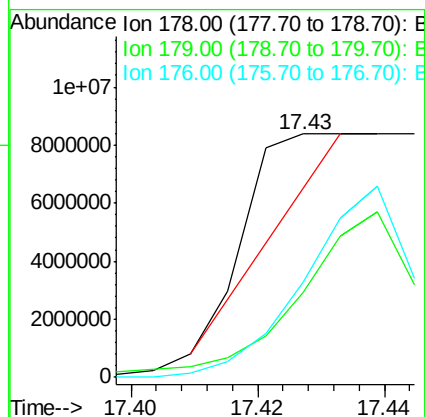
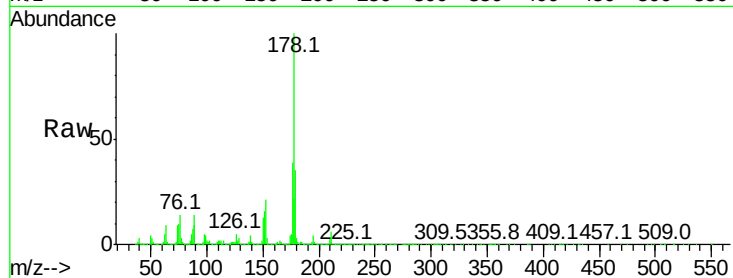
Tot Ion:178 Resp: 3505699

Ion Ratio Lower Upper

178 100

179 35.0 12.6 19.0#

176 39.2 14.9 22.3#



#71

Anthracene

Concen: 20.58 ng/ul

RT: 17.49 min Scan# 2448

Delta R.T. 0.09 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

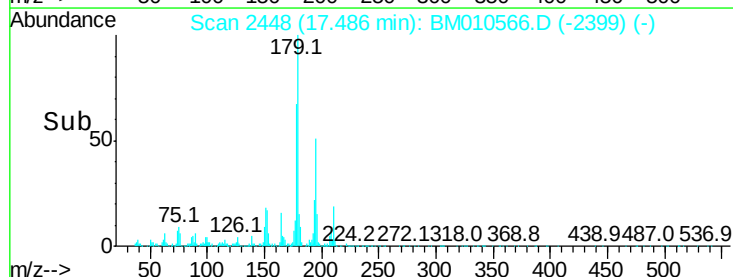
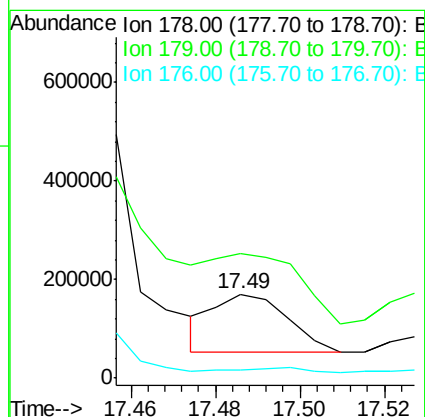
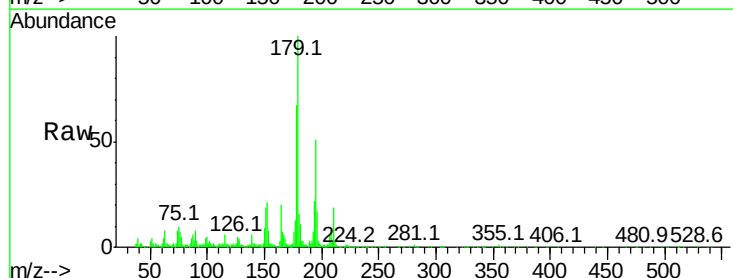
Tgt Ion:178 Resp: 143454

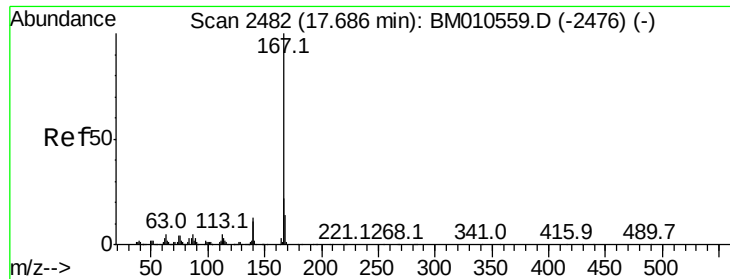
Ion Ratio Lower Upper

178 100

179 148.2 11.7 17.5#

176 10.2 14.6 21.8#

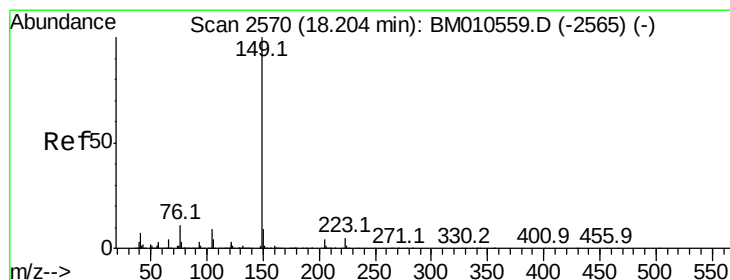
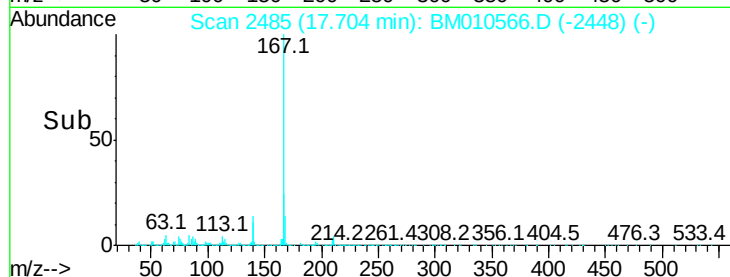
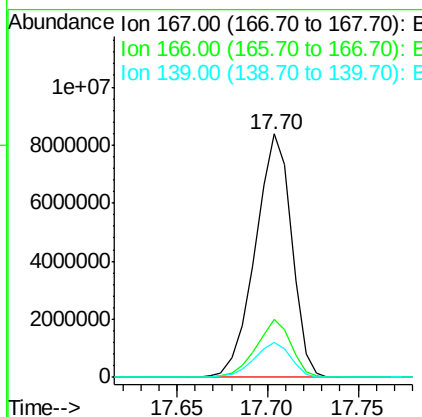
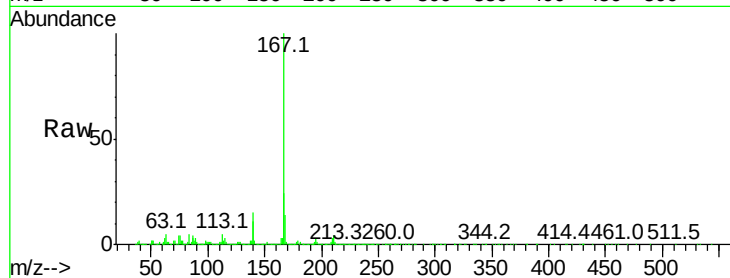




#72
 Carbazole
 Concen: 1976.01 ng/ul
 RT: 17.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

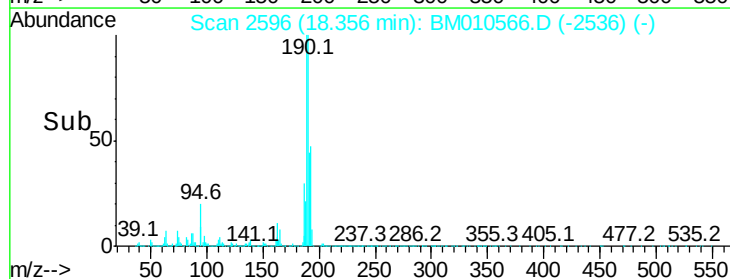
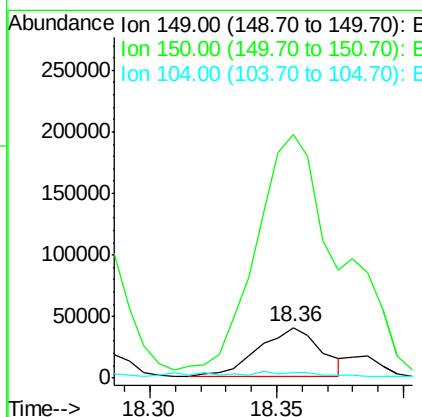
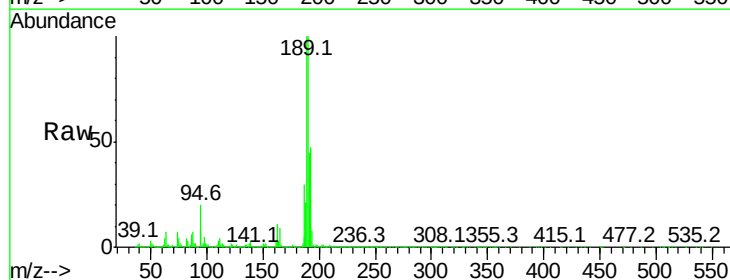
Instrument :
 BNA_M
 ClientSampled :

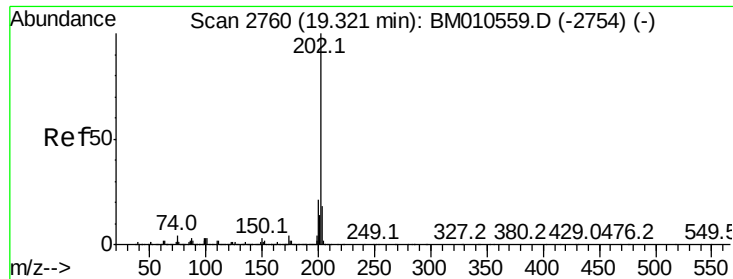
Tot Ion:167 Resp:11659499
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.1 25.7
 139 14.5 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 10.36 ng/ul
 RT: 18.36 min Scan# 2596
 Delta R.T. 0.15 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

Tgt Ion:149 Resp: 68992
 Ion Ratio Lower Upper
 149 100
 150 478.0 7.1 10.7#
 104 10.2 5.6 8.4#





#74

Fluoranthene

Concen: 61.68 ng/ul

RT: 19.49 min Scan# 2788

Delta R.T. 0.16 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

ClientSampled :

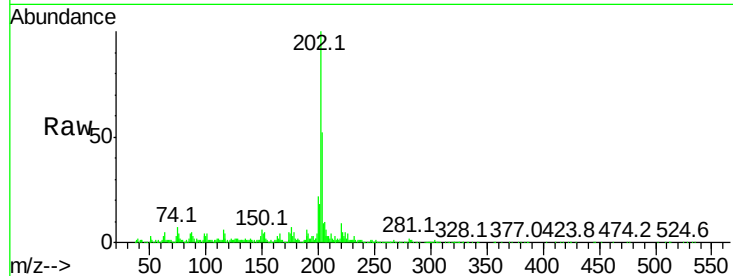
Tot Ion:202 Resp: 506469

Ion Ratio Lower Upper

202 100

101 4.4 4.6 7.0#

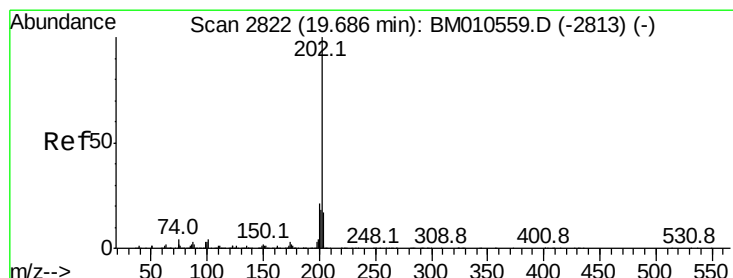
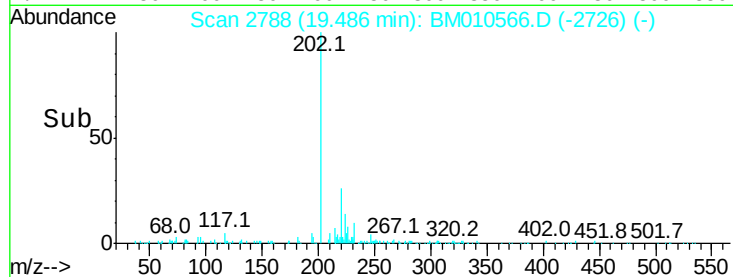
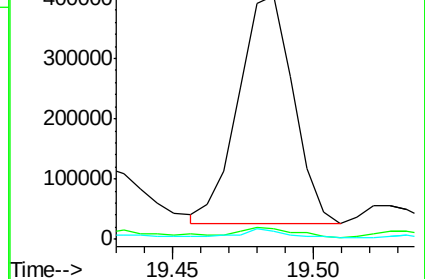
100 3.2 3.4 5.2#



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: 101.80 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.08 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

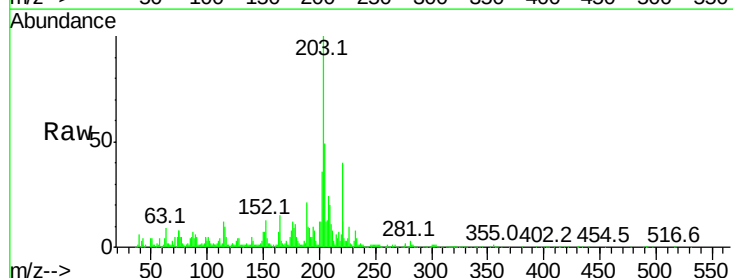
Tgt Ion:202 Resp: 137791

Ion Ratio Lower Upper

202 100

101 12.6 5.1 7.7#

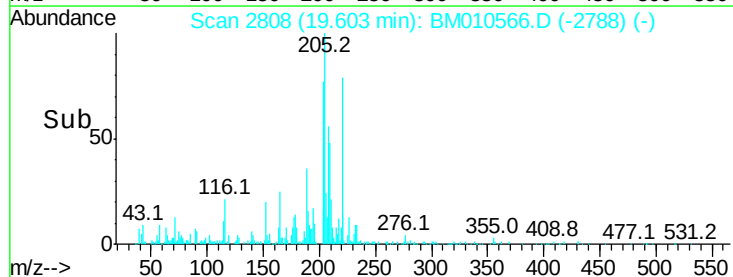
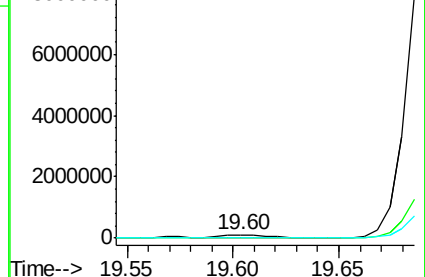
100 7.7 4.9 7.3#

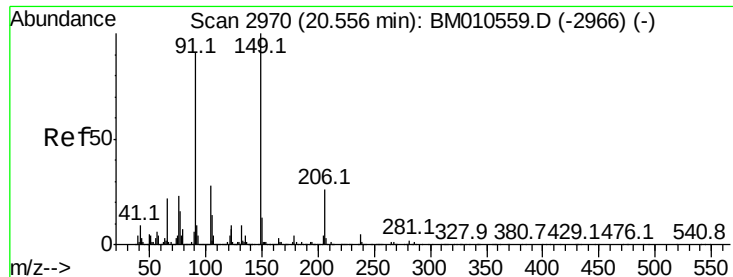


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

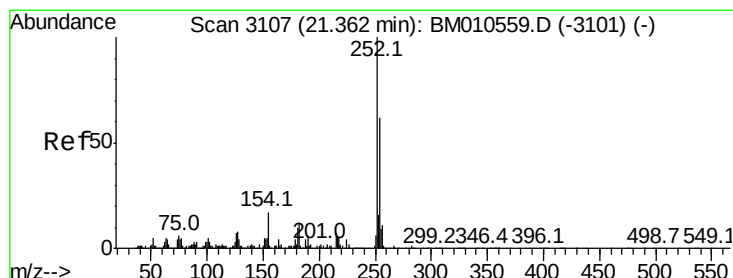
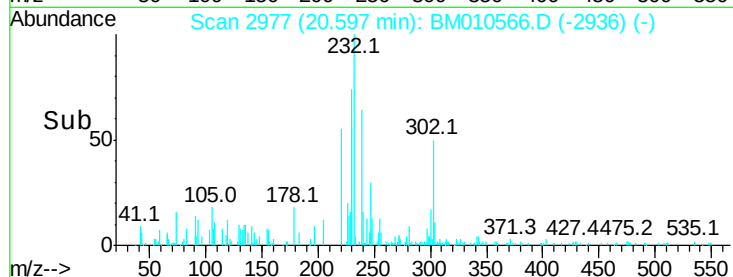
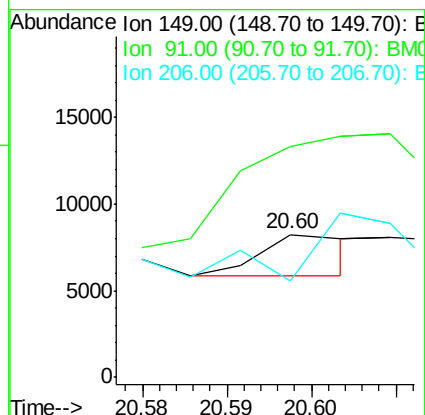
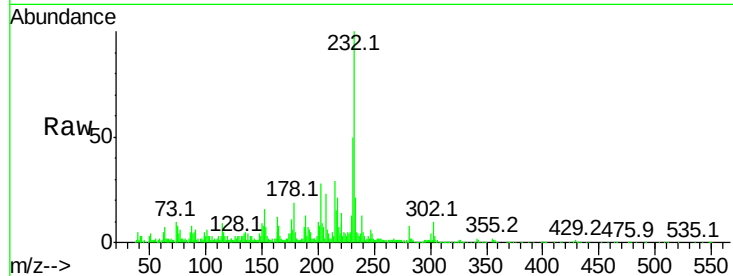




#78
 Butylbenzylphthalate
 Concen: 3.85 ng/ul
 RT: 20.60 min Scan# 2977
 Delta R.T. 0.04 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

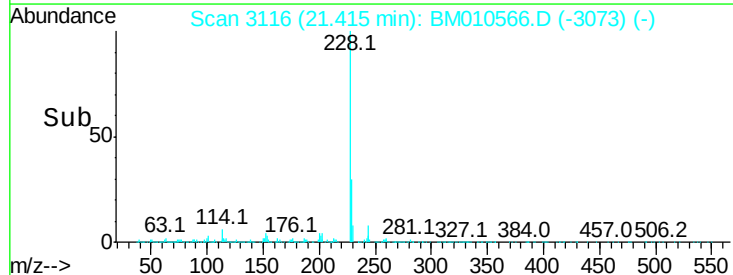
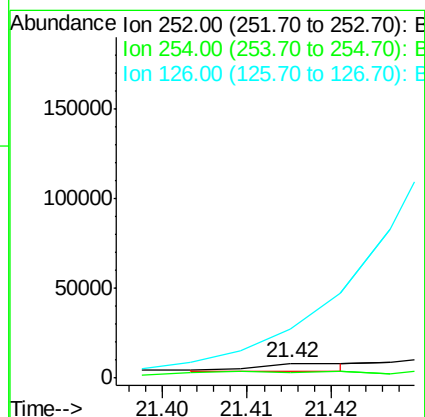
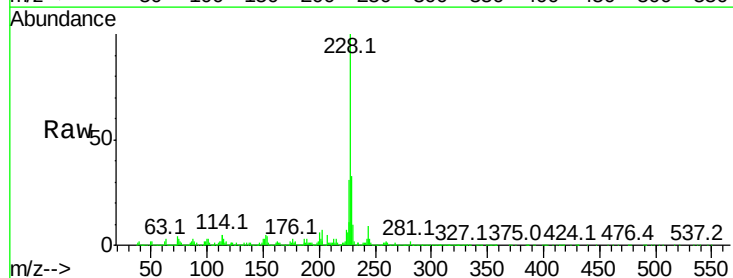
Instrument :
 BNA_M
 ClientSampled :

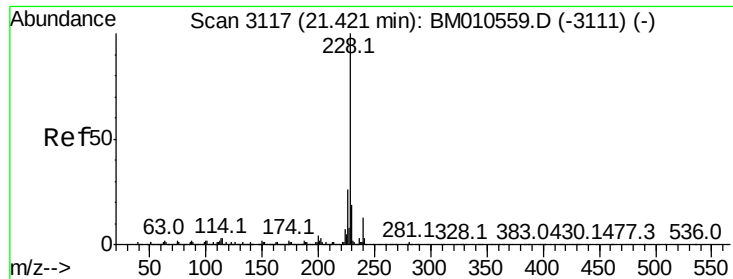
Tot Ion:149 Resp: 1800
 Ion Ratio Lower Upper
 149 100
 91 160.9 62.7 94.1#
 206 67.2 20.8 31.2#



#79
 3,3'-Dichlorobenzidine
 Concen: 6.79 ng/ul
 RT: 21.42 min Scan# 3116
 Delta R.T. 0.05 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

Tgt Ion:252 Resp: 3500
 Ion Ratio Lower Upper
 252 100
 254 34.9 54.5 81.7#
 126 322.1 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 10508.99 ng/ul

RT: 21.49 min Scan# 3128

Delta R.T. 0.06 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

Instrument :

BNA_M

ClientSampleId :

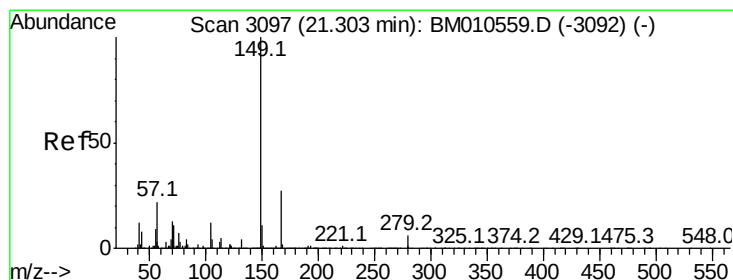
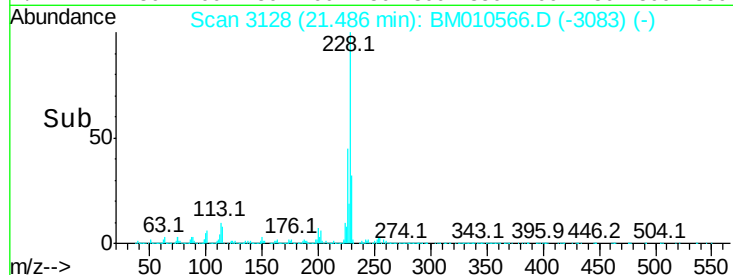
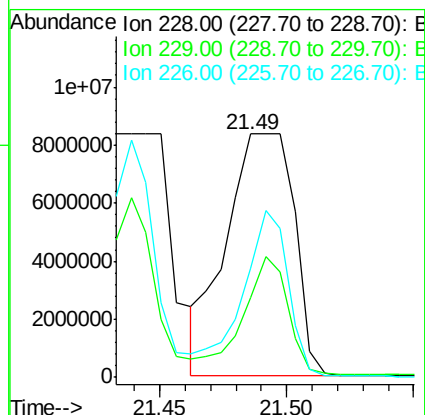
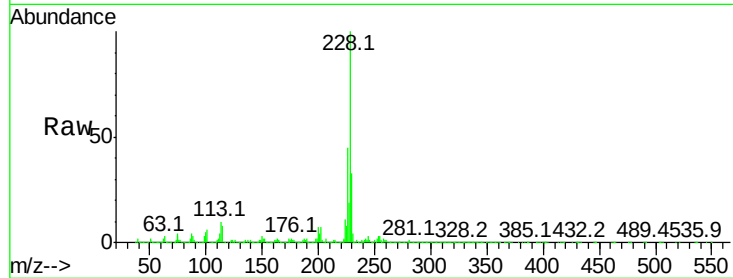
Tot Ion:228 Resp:15566837

Ion Ratio Lower Upper

228 100

229 32.7 15.4 23.0#

226 44.8 21.4 32.0#



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.73 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.06 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

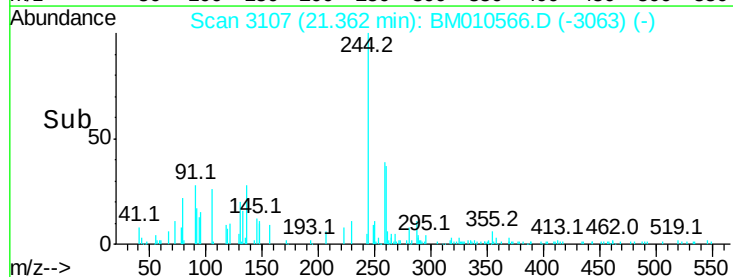
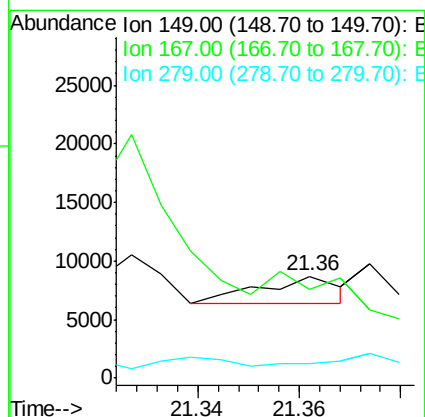
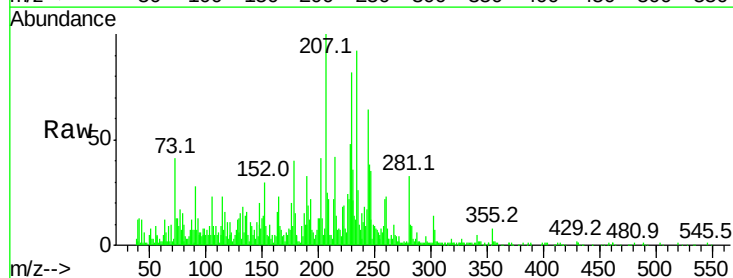
Tgt Ion:149 Resp: 2596

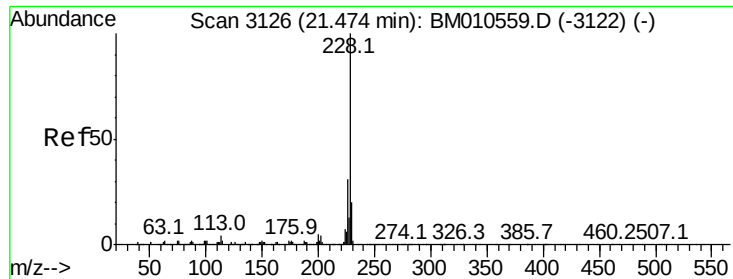
Ion Ratio Lower Upper

149 100

167 87.7 22.8 34.2#

279 14.6 4.9 7.3#

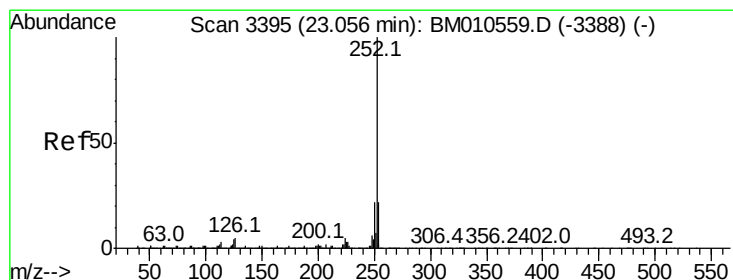
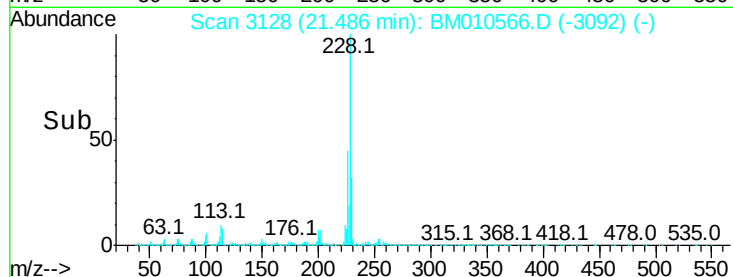
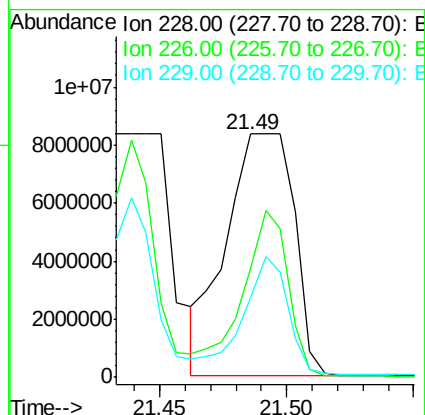
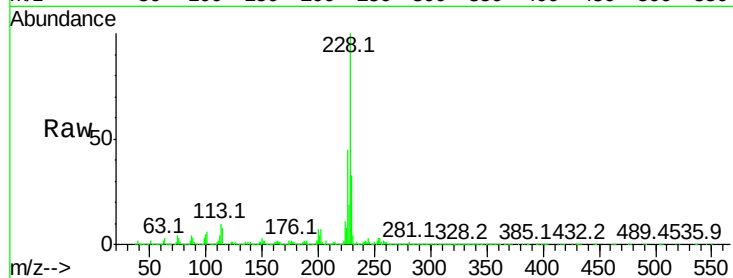




#82
 Chrysene
 Concen: 11625.35 ng/ul
 RT: 21.49 min Scan# 3128
 Delta R.T. 0.01 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

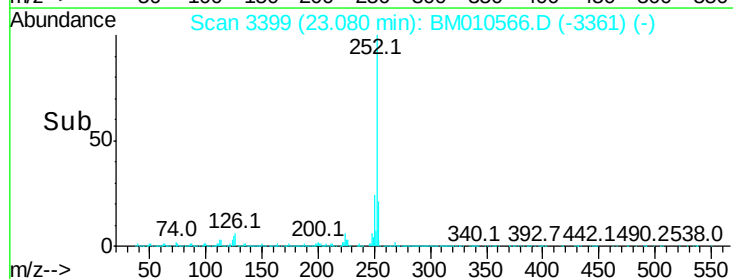
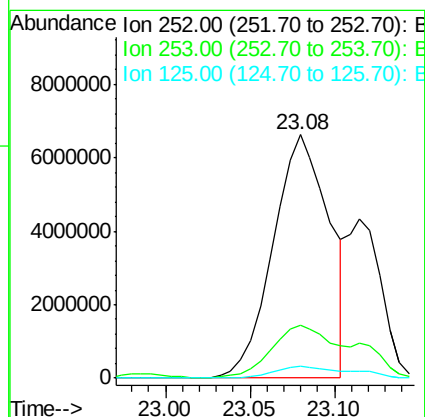
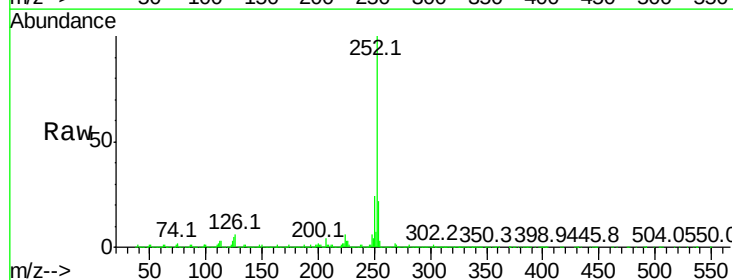
Instrument :
 BNA_M
 ClientSampleId :

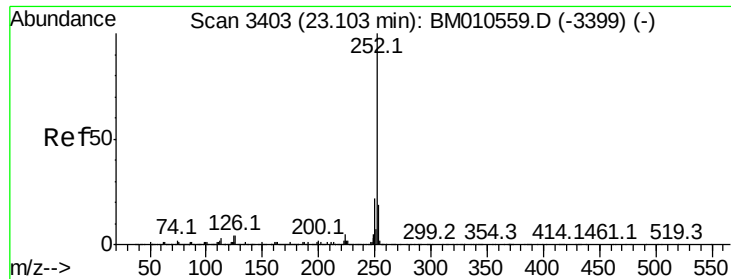
Tot Ion:228 Resp:15566837
 Ion Ratio Lower Upper
 228 100
 226 44.8 23.4 35.2#
 229 32.7 15.5 23.3#



#85
 Benzo(b)fluoranthene
 Concen: 194.32 ng/ul
 RT: 23.08 min Scan# 3399
 Delta R.T. 0.02 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

Tgt Ion:252 Resp:15294513
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.9 26.9
 125 4.8 3.6 5.4

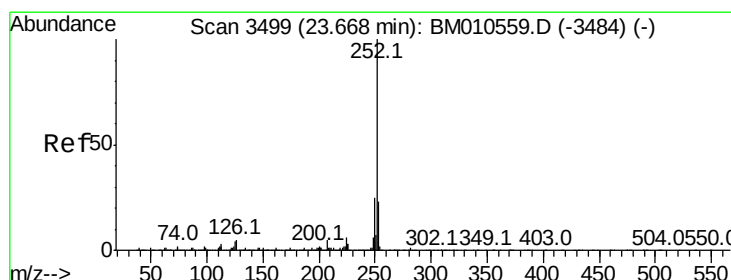
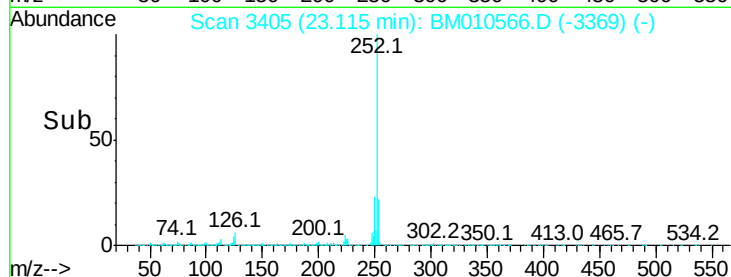
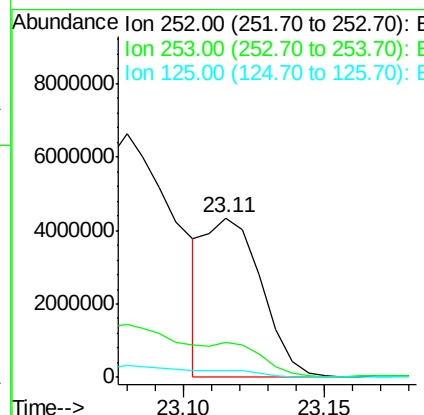
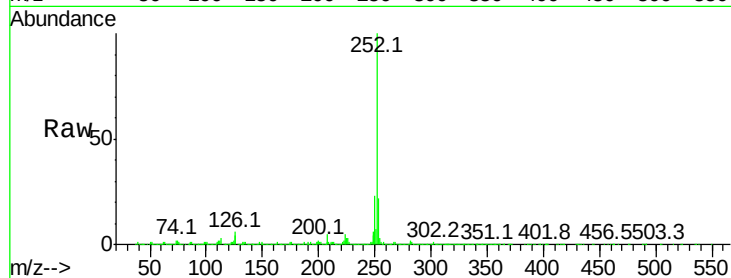




#86
Benzo(k)fluoranthene
Concen: 78.99 ng/ul
RT: 23.11 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM010566.D
Acq: 13 Jun 2017 18:43

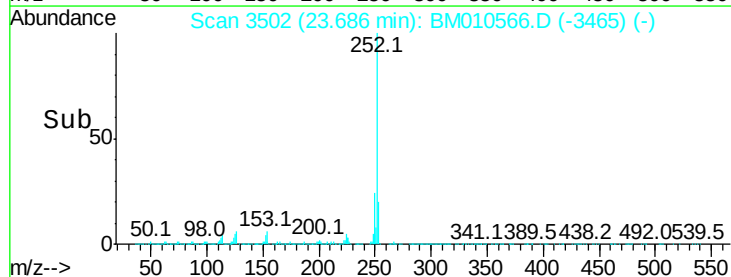
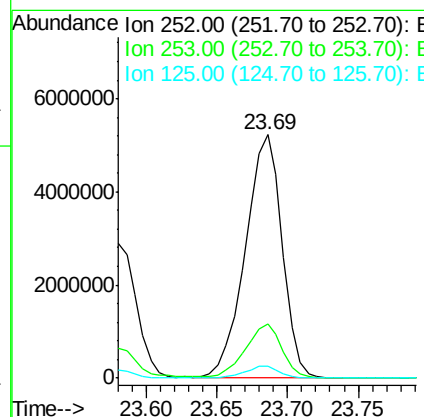
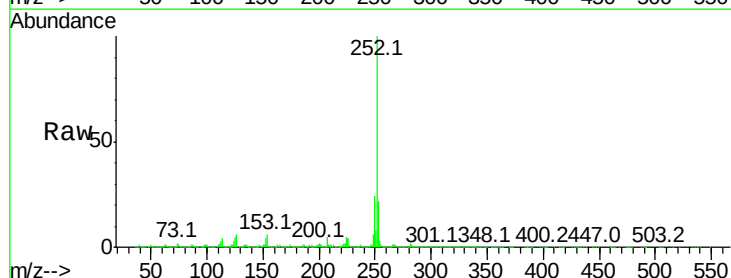
Instrument :
BNA_M
ClientSampled :

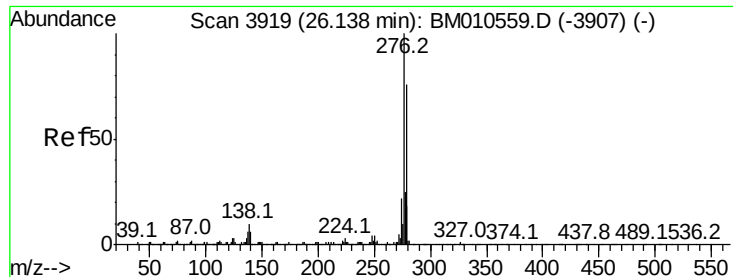
Tot Ion:252 Resp: 5939343
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 4.3 3.4 5.2



#88
Benzo(a)pyrene
Concen: 121.79 ng/ul
RT: 23.69 min Scan# 3502
Delta R.T. 0.02 min
Lab File: BM010566.D
Acq: 13 Jun 2017 18:43

Tgt Ion:252 Resp: 9501385
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 4.9 4.0 6.0



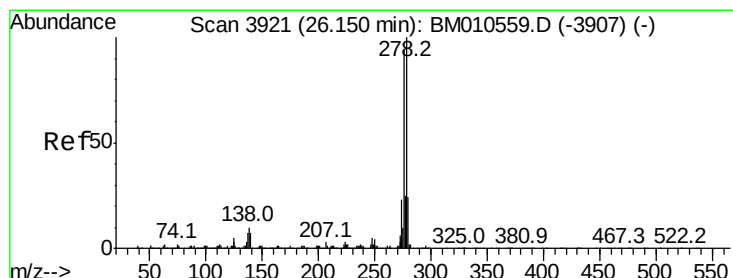
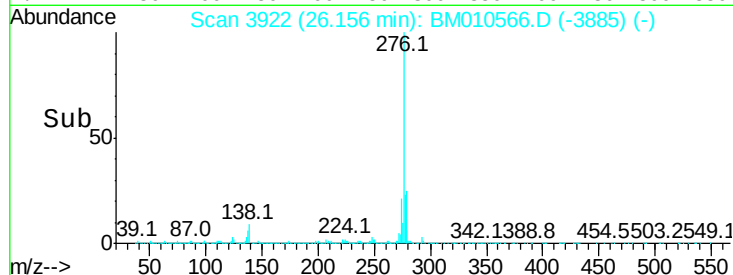
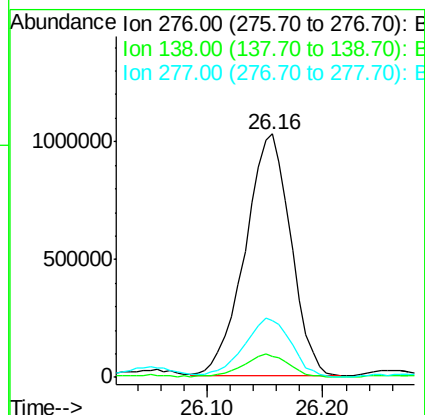
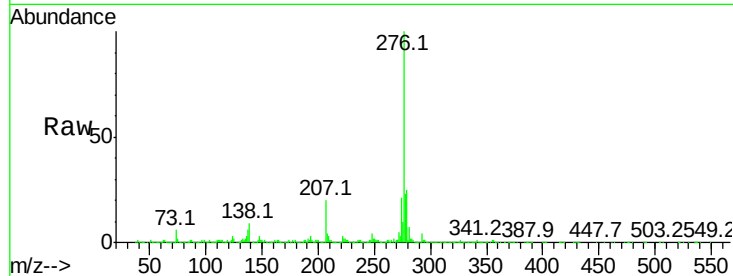


#89
 Indeno(1,2,3-cd)pyrene
 Concen: 28.62 ng/ul
 RT: 26.16 min Scan# 3922
 Delta R.T. 0.02 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 2821338

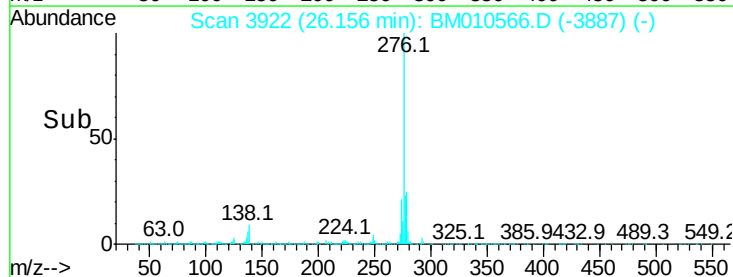
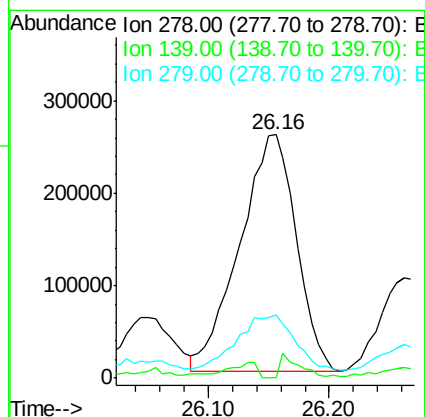
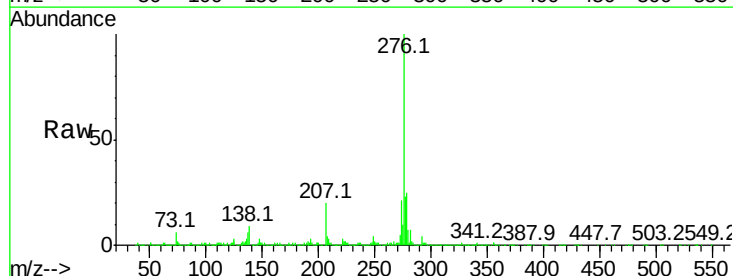
Ion	Ratio	Lower	Upper
276	100		
138	8.6	9.3	13.9#
277	23.1	19.9	29.9

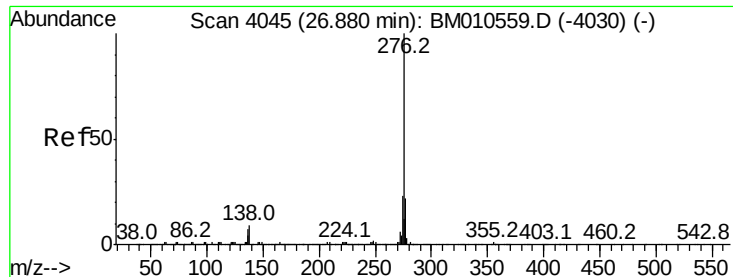


#90
 Dibenzo(a,h)anthracene
 Concen: 9.75 ng/ul
 RT: 26.16 min Scan# 3922
 Delta R.T. 0.01 min
 Lab File: BM010566.D
 Acq: 13 Jun 2017 18:43

Tgt Ion:278 Resp: 827540

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.7	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 22.69 ng/ul

RT: 26.90 min Scan# 4048

Delta R.T. 0.02 min

Lab File: BM010566.D

Acq: 13 Jun 2017 18:43

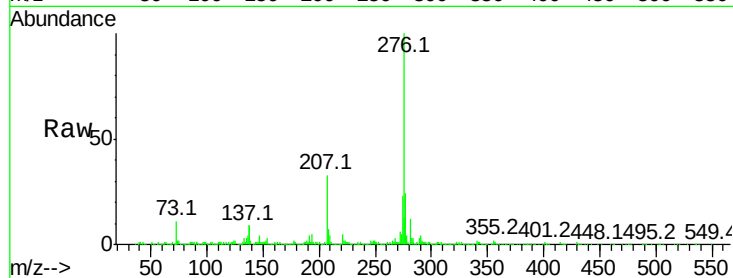
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 1842376

Ion	Ratio	Lower	Upper
276	100		
138	9.5	8.5	12.7
277	23.8	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

