

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012815\
 Data File : BM000358.D
 Acq On : 28 Jan 2015 18:47
 Operator : TP/IZ
 Sample : SSTD01051
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

Quant Time: Jan 29 06:15:11 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 29 06:06:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	159685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	631997	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	424571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	913546	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1008701	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	922801	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	10236	2.99	ng/uL	0.00
5) Phenol-d5	6.91	99	95924	7.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	69765	7.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	82099	8.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	76673	7.78	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	33506	7.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	30274	7.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	87718	9.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	115453	10.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	274136	9.17	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	357805	9.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	30698	6.55	ng/ul	0.00
57) Fluorene-d10	15.38	176	274255	10.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	29800	6.58	ng/ul	0.00
70) Anthracene-d10	17.23	188	418664	9.75	ng/ul	0.00
76) Pyrene-d10	19.53	212	465386	10.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	409603	9.78	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.25	88	14827	3.16 ng/uL#	1
4) Benzaldehyde	6.89	77	76544	7.99 ng/ul	93
6) Phenol	6.93	94	99196	7.41 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	89829	8.25 ng/ul	93
10) 2-Chlorophenol	7.30	128	86936	8.85 ng/ul	98
11) 2-Methylphenol	8.18	108	77364	7.75 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	173291	8.76 ng/ul	100
14) Acetophenone	8.56	105	151582	7.84 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	61488	6.34 ng/ul	97
16) 4-Methylphenol	8.51	108	82842	7.59 ng/ul	94
17) Hexachloroethane	8.82	117	42617	8.41 ng/ul	87
20) Nitrobenzene	8.94	77	103866	7.15 ng/ul#	90
21) Isophorone	9.46	82	174420	7.03 ng/ul#	97
23) 2-Nitrophenol	9.65	139	32341	6.96 ng/ul	91
24) 2,4-Dimethylphenol	9.71	107	111119	8.60 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	104216	7.70 ng/ul#	88
27) 2,4-Dichlorophenol	10.18	162	85068	9.01 ng/ul	90
28) Naphthalene	10.58	128	321113	10.04 ng/ul	98
30) 4-Chloroaniline	10.69	127	118602	9.79 ng/ul	98
31) Hexachlorobutadiene	10.87	225	80111	10.31 ng/ul	94
32) Caprolactam	11.44	113	8059	3.05 ng/ul	89
33) 4-Chloro-3-methylphenol	11.82	107	91908	7.94 ng/ul	97
34) 2-Methylnaphthalene	12.20	142	230388	9.43 ng/ul	97

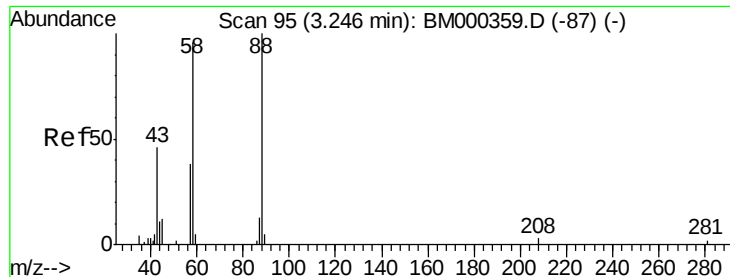
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012815\
 Data File : BM000358.D
 Acq On : 28 Jan 2015 18:47
 Operator : TP/IZ
 Sample : SSTD01051
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

Quant Time: Jan 29 06:15:11 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 29 06:06:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	136340	10.98	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	65476	8.60	ng/ul	94
38) 2,4,6-Trichlorophenol	12.82	196	65216	9.49	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	72337	9.26	ng/ul	96
40) 1,1'-Biphenyl	13.22	154	325065	10.64	ng/ul	98
41) 2-Chloronaphthalene	13.26	162	255271	10.75	ng/ul	98
42) 2-Nitroaniline	13.47	65	40267	5.29	ng/ul	95
44) Dimethylphthalate	13.85	163	288788	9.39	ng/ul	98
45) 2,6-Dinitrotoluene	13.97	165	39557	7.26	ng/ul	92
47) Acenaphthylene	14.11	152	389125	9.97	ng/ul	98
48) 3-Nitroaniline	14.30	138	39555	7.11	ng/ul	93
49) Acenaphthene	14.45	153	251811	9.90	ng/ul	98
50) 2,4-Dinitrophenol	14.50	184	13737	4.93	ng/ul#	86
52) 4-Nitrophenol	14.60	109	52349	6.76	ng/ul	95
53) Dibenzofuran	14.79	168	382596	10.21	ng/ul	97
54) 2,4-Dinitrotoluene	14.75	165	59500	6.86	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.02	232	56327	8.56	ng/ul#	98
56) Diethylphthalate	15.22	149	269260	8.50	ng/ul	99
58) Fluorene	15.44	166	303192	9.78	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	165969	10.52	ng/ul	99
60) 4-Nitroaniline	15.46	138	42721	6.81	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.51	198	31419	6.72	ng/ul#	96
64) N-Nitrosodiphenylamine	15.64	169	251163	9.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	96046	9.96	ng/ul	94
66) Hexachlorobenzene	16.44	284	112910	9.93	ng/ul	99
67) Atrazine	16.60	200	82078	9.19	ng/ul	98
68) Pentachlorophenol	16.79	266	41186	7.38	ng/ul	99
69) Phenanthrene	17.17	178	501099	9.88	ng/ul	98
71) Anthracene	17.26	178	493479	9.54	ng/ul	99
72) Carbazole	17.53	167	412048	9.28	ng/ul	99
73) Di-n-butylphthalate	18.10	149	323819	6.79	ng/ul	100
74) Fluoranthene	19.19	202	568381	9.59	ng/ul	99
77) Pyrene	19.56	202	626496	10.48	ng/ul	99
78) Butylbenzylphthalate	20.46	149	102990	5.96	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.24	252	137471	9.41	ng/ul	93
80) Benzo(a)anthracene	21.30	228	579666	9.89	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	156690	5.97	ng/ul#	99
82) Chrysene	21.36	228	577508	10.47	ng/ul	99
84) Di-n-octyl phthalate	22.12	149	279262	6.18	ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	574063	10.26	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	526975	9.67	ng/ul	100
88) Benzo(a)pyrene	23.47	252	532907	10.05	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.84	276	595273	10.28	ng/ul	98
90) Dibenzo(a,h)anthracene	25.85	278	493479	10.18	ng/ul	100
91) Benzo(g,h,i)perylene	26.53	276	501741	10.43	ng/ul	98

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



#2

1,4-Dioxane

Concen: 3.16 ng/uL

RT: 3.25 min Scan# 96

Delta R.T. 0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

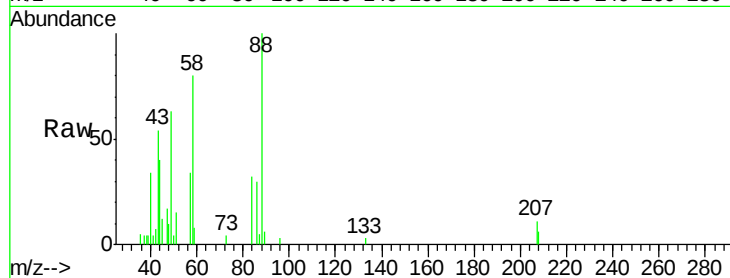
Tgt Ion: 88 Resp: 14827

Ion Ratio Lower Upper

88 100

43 47.2 1.1 1.7#

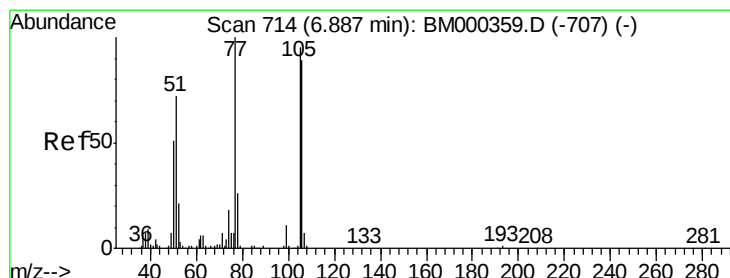
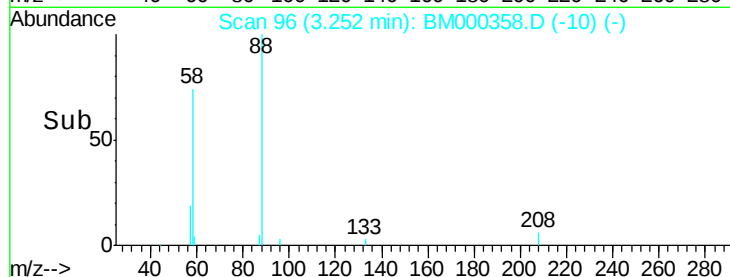
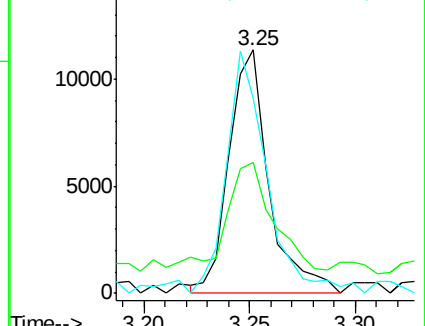
58 97.4 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM000358.D (-10) (-)

Ion 43.00 (42.70 to 43.70): BM000358.D (-10) (-)

Ion 58.00 (57.70 to 58.70): BM000358.D (-10) (-)



#4

Benzaldehyde

Concen: 7.99 ng/uL

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

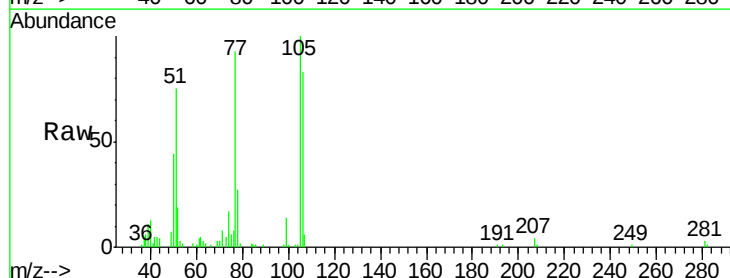
Tgt Ion: 77 Resp: 76544

Ion Ratio Lower Upper

77 100

105 107.8 76.0 114.0

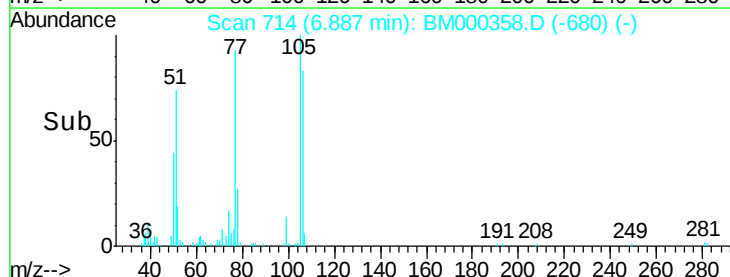
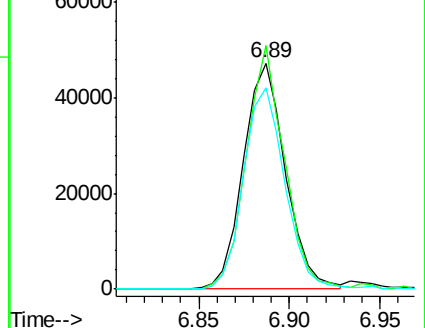
106 89.4 71.2 106.8

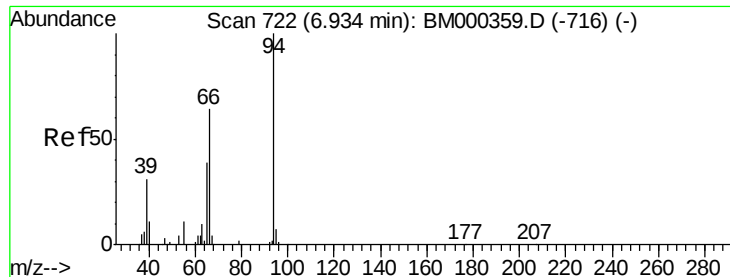


Abundance Ion 77.00 (76.70 to 77.70): BM000358.D (-680) (-)

Ion 105.00 (104.70 to 105.70): BM000358.D (-680) (-)

Ion 106.00 (105.70 to 106.70): BM000358.D (-680) (-)





#6

Phenol

Concen: 7.41 ng/ul

RT: 6.93 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

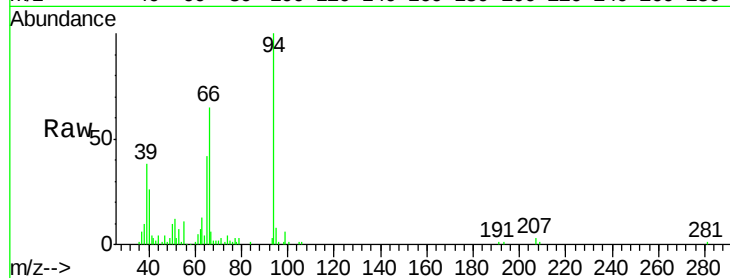
Tgt Ion: 94 Resp: 99196

Ion Ratio Lower Upper

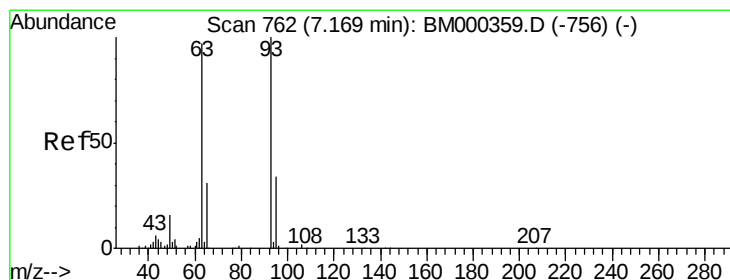
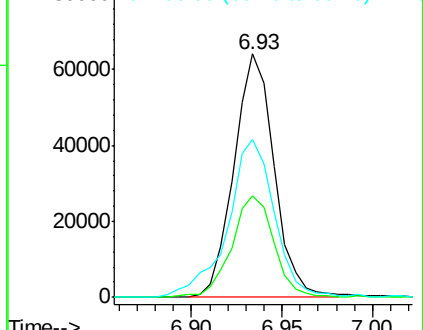
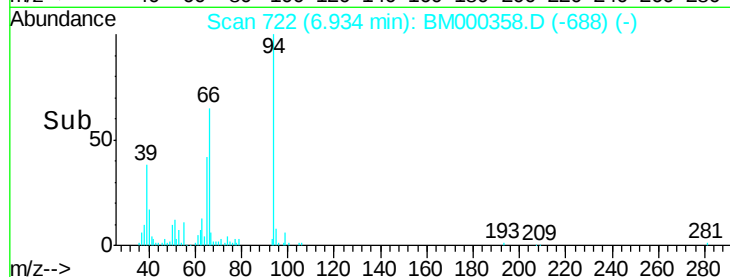
94 100

65 41.5 32.0 48.0

66 65.1 54.6 82.0



Abundance Ion 94.00 (93.70 to 94.70): BM000358.D (-688) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 8.25 ng/ul

RT: 7.17 min Scan# 762

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

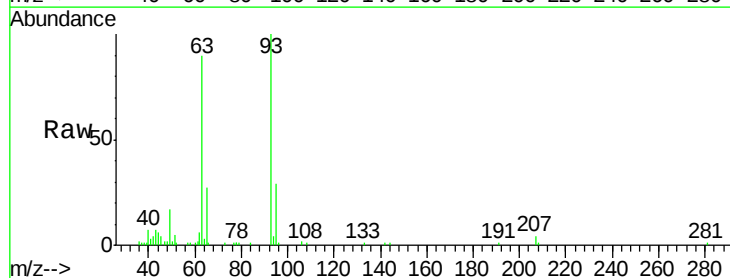
Tgt Ion: 93 Resp: 89829

Ion Ratio Lower Upper

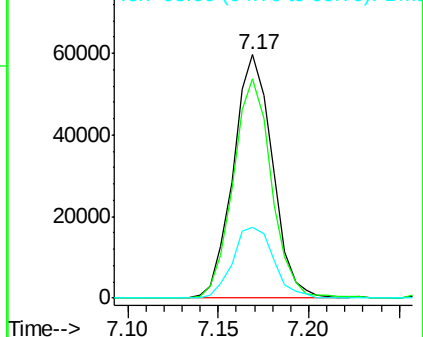
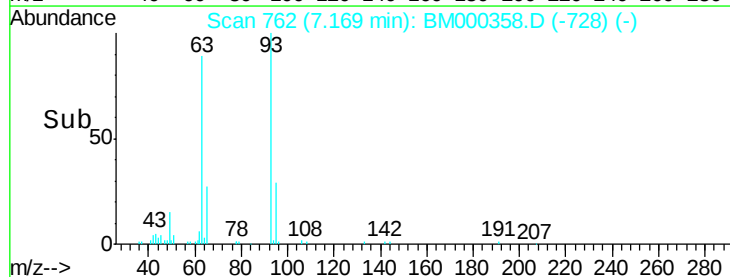
93 100

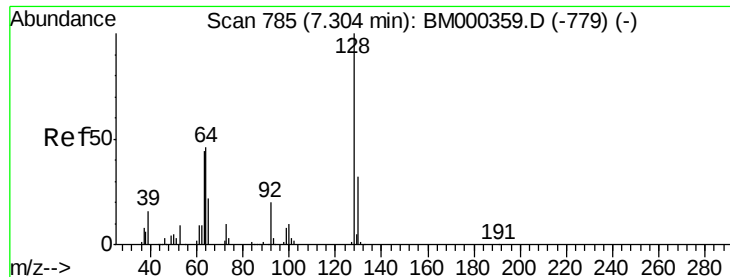
63 90.2 77.4 116.0

95 29.3 27.4 41.0



Abundance Ion 93.00 (92.70 to 93.70): BM000358.D (-728) (-)

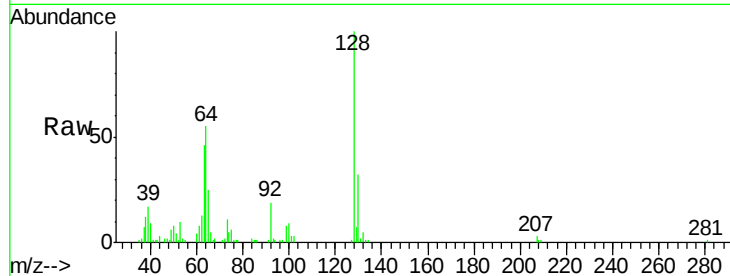




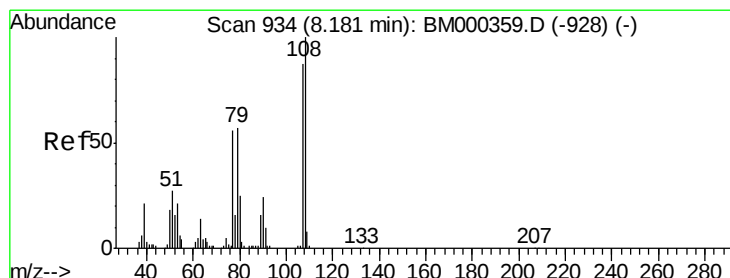
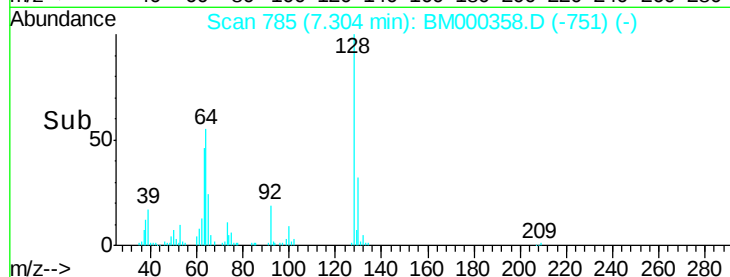
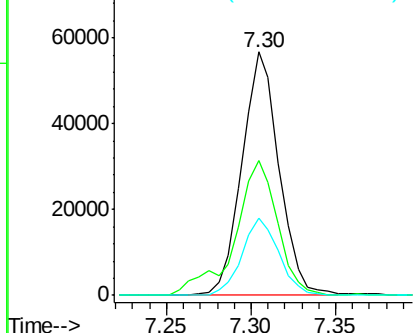
#10
2-Chlorophenol
Concen: 8.85 ng/ul
RT: 7.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Instrument :
BNA_M
ClientSampleId :
C0AA5

Tgt Ion:128 Resp: 86936
Ion Ratio Lower Upper
128 100
64 55.2 42.8 64.2
130 32.0 25.9 38.9

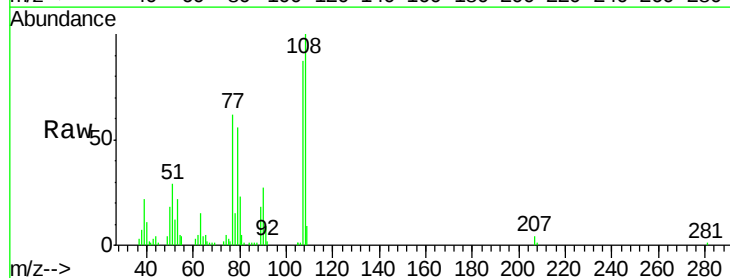


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

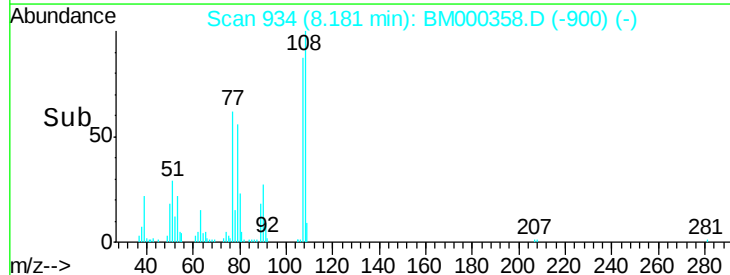
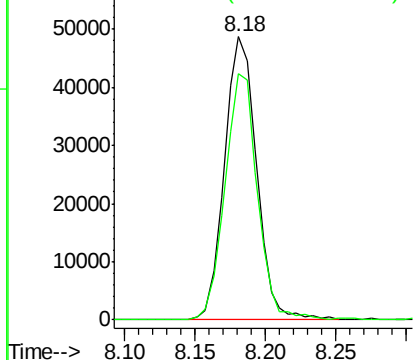


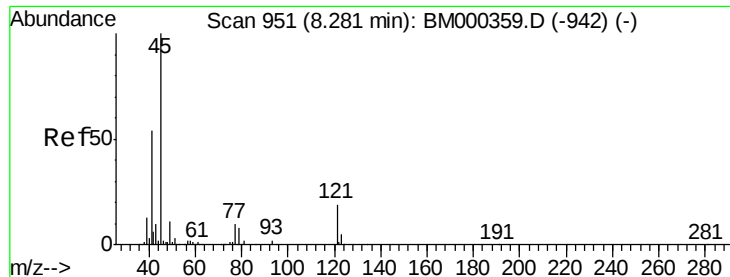
#11
2-Methylphenol
Concen: 7.75 ng/ul
RT: 8.18 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion:108 Resp: 77364
Ion Ratio Lower Upper
108 100
107 87.2 69.8 104.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

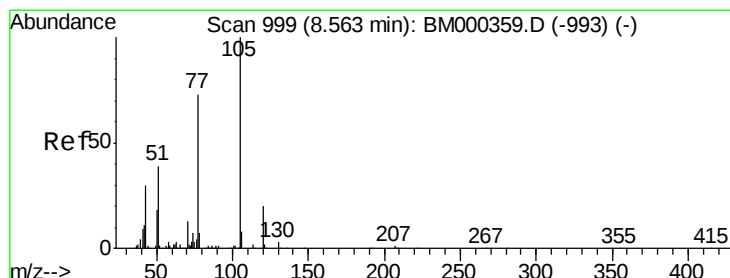
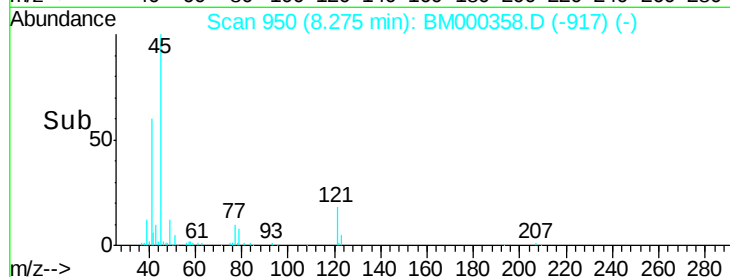
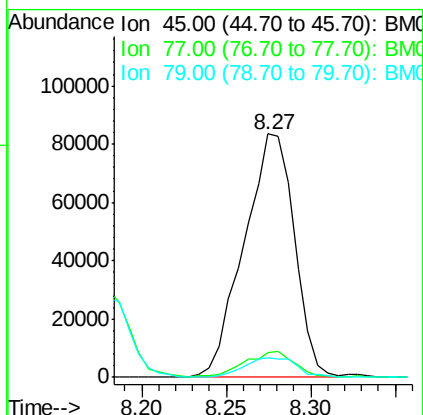
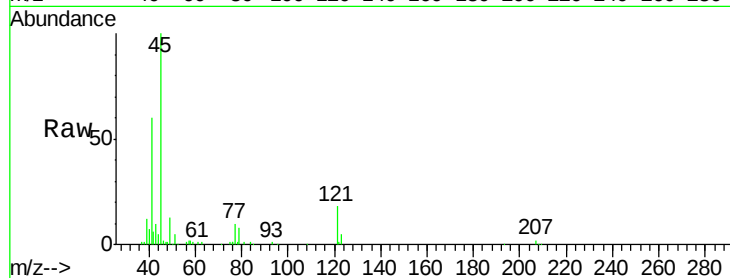




#12
2,2'-oxybis(1-Chloropropane)
Concen: 8.76 ng/ul
RT: 8.27 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

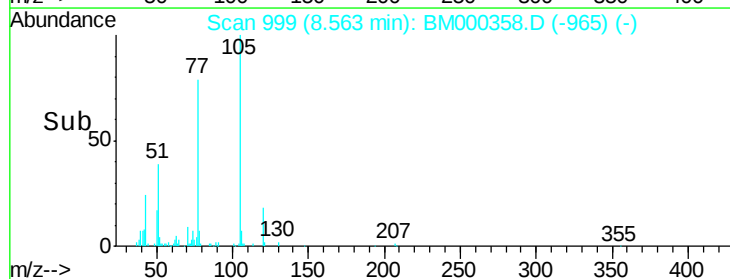
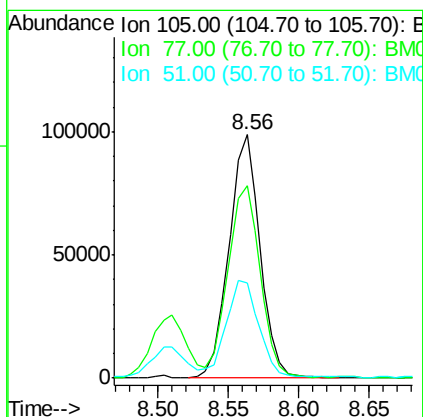
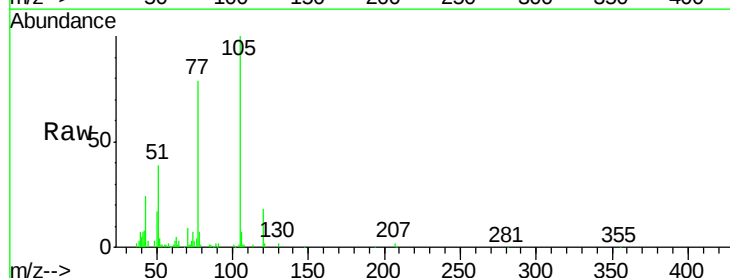
Instrument :
BNA_M
ClientSampleId :
C0AA5

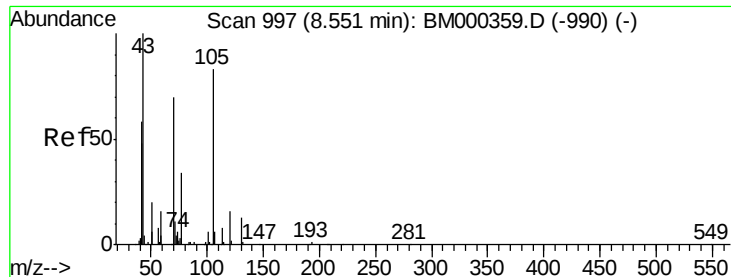
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.1	8.2	12.2
79	8.1	6.6	10.0



#14
Acetophenone
Concen: 7.84 ng/ul
RT: 8.56 min Scan# 999
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.3	65.2	97.8
51	39.0	34.5	51.7

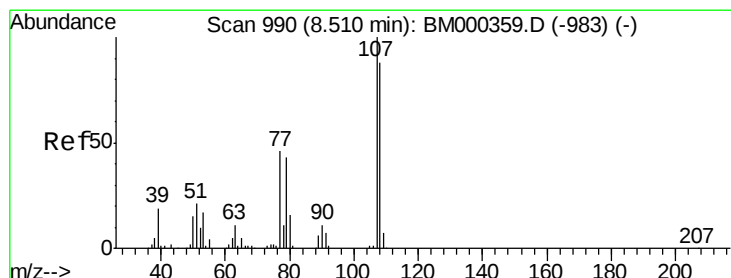
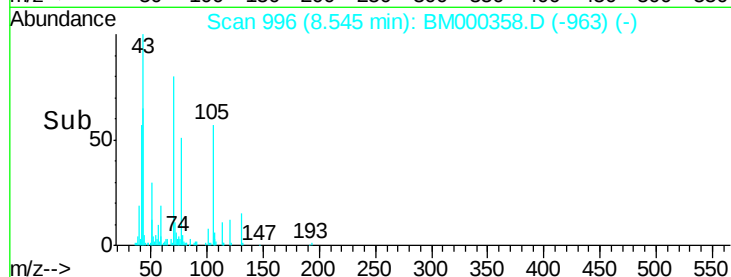
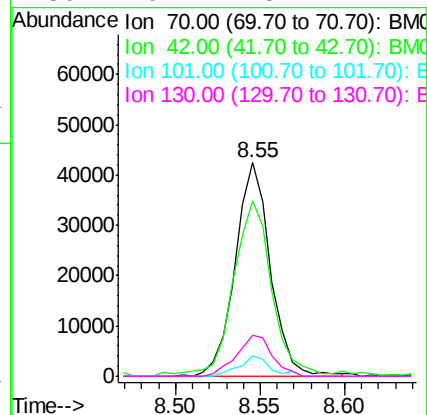
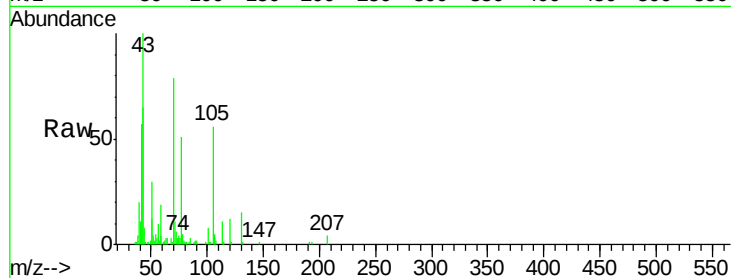




#15
N-Nitroso-di-n-propylamine
Concen: 6.34 ng/ul
RT: 8.55 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

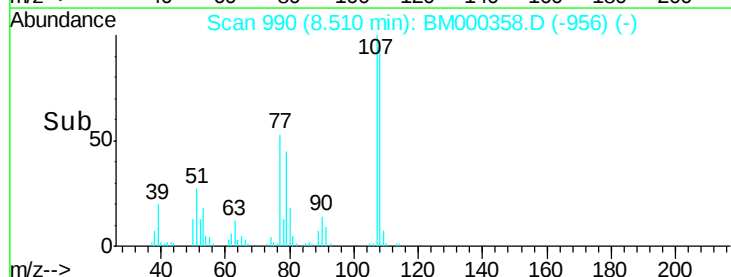
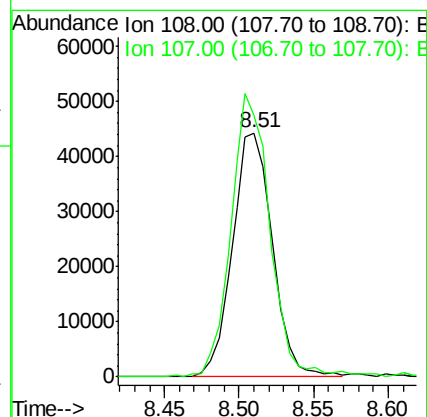
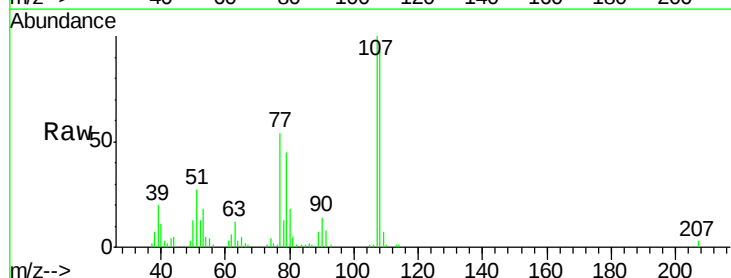
Instrument :
BNA_M
ClientSampleId :
C0AA5

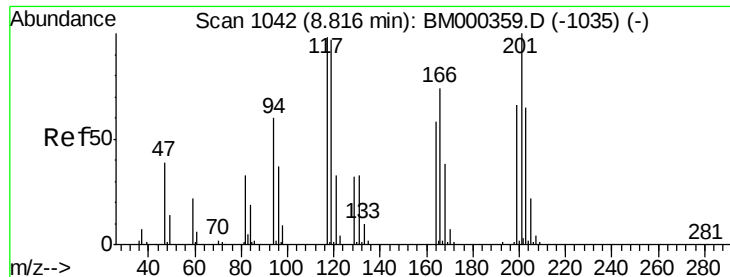
Tgt Ion: 70 Resp: 61488
Ion Ratio Lower Upper
70 100
42 81.9 67.8 101.8
101 9.5 7.0 10.4
130 19.2 15.1 22.7



#16
4-Methylphenol
Concen: 7.59 ng/ul
RT: 8.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion: 108 Resp: 82842
Ion Ratio Lower Upper
108 100
107 107.1 91.0 136.4





#17

Hexachloroethane

Concen: 8.41 ng/ul

RT: 8.82 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

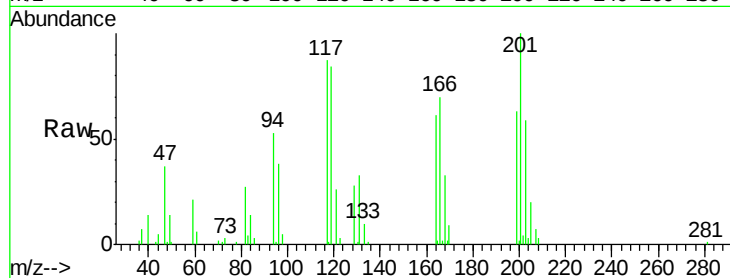
Tgt Ion:117 Resp: 42617

Ion Ratio Lower Upper

117 100

201 119.8 81.8 122.8

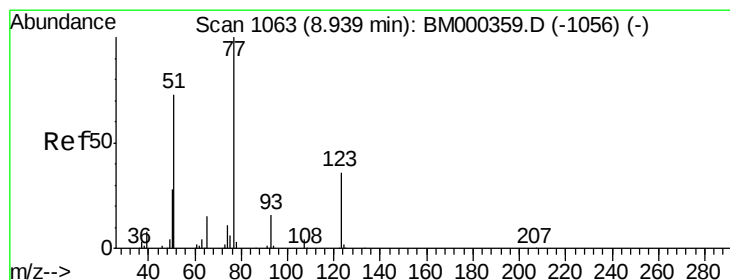
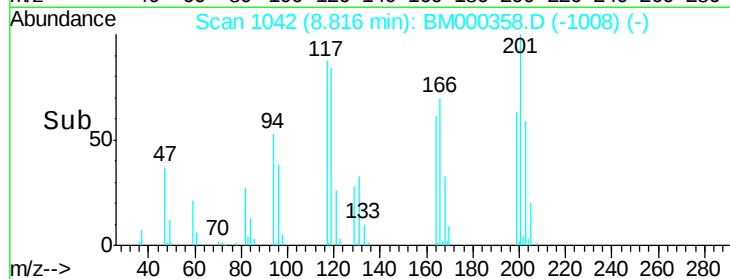
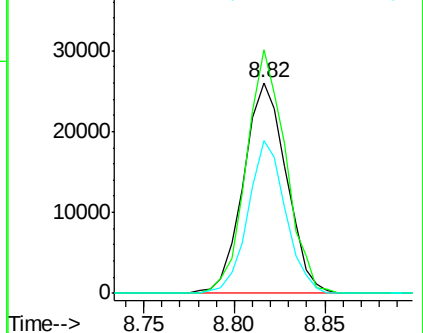
199 72.4 54.2 81.4



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: 7.15 ng/ul

RT: 8.94 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

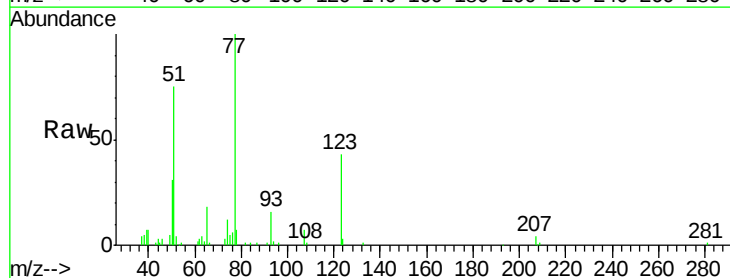
Tgt Ion: 77 Resp: 103866

Ion Ratio Lower Upper

77 100

123 42.8 28.9 43.3

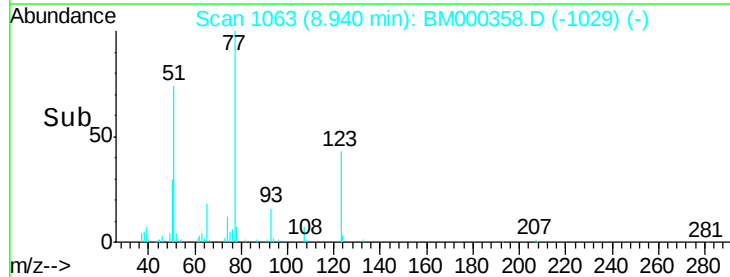
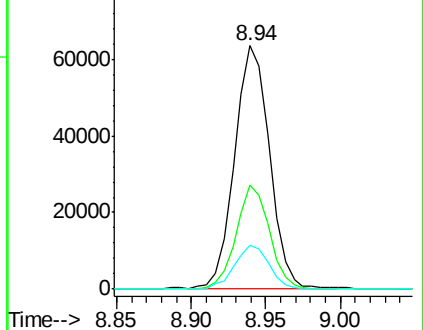
65 18.0 11.8 17.8#

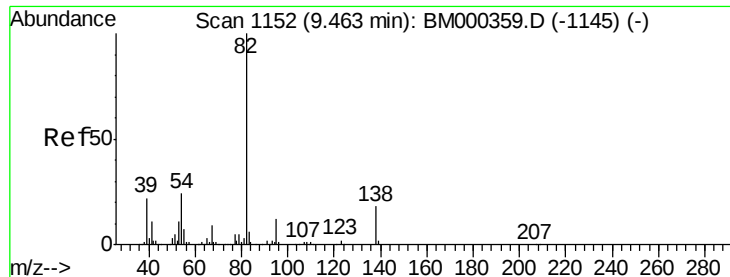


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 7.03 ng/ul

RT: 9.46 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

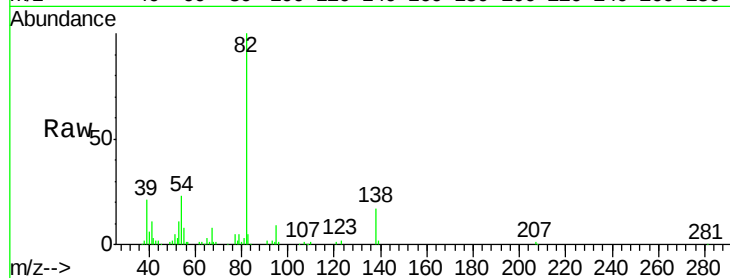
Tgt Ion: 82 Resp: 174420

Ion Ratio Lower Upper

82 100

95 9.4 9.5 14.3#

138 17.3 14.2 21.2

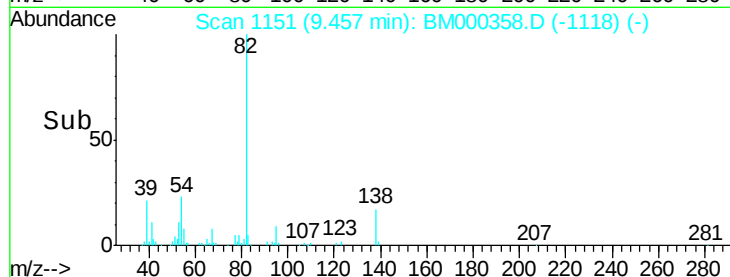


Abundance Ion 82.00 (81.70 to 82.70): BM000359.D (-1145) (-)

Ion 95.00 (94.70 to 95.70): BM000358.D (-1118) (-)

Ion 138.00 (137.70 to 138.70): BM000358.D (-1118) (-)

Time-->



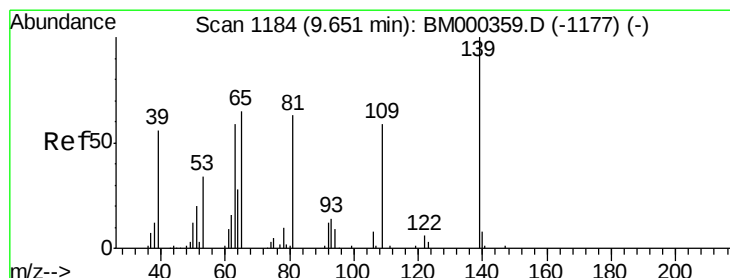
Abundance

Ion 82.00 (81.70 to 82.70): BM000359.D (-1145) (-)

Ion 95.00 (94.70 to 95.70): BM000358.D (-1118) (-)

Ion 138.00 (137.70 to 138.70): BM000358.D (-1118) (-)

Time-->



#23

2-Nitrophenol

Concen: 6.96 ng/ul

RT: 9.65 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

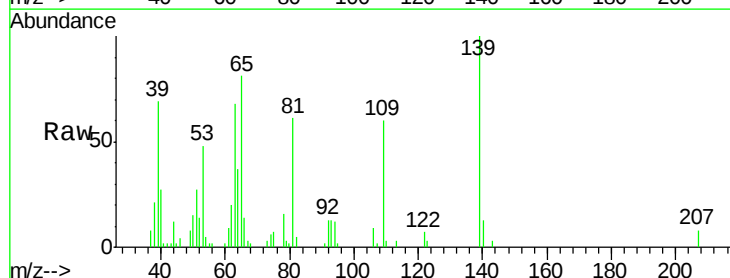
Tgt Ion: 139 Resp: 32341

Ion Ratio Lower Upper

139 100

65 81.4 55.3 82.9

109 59.8 46.8 70.2

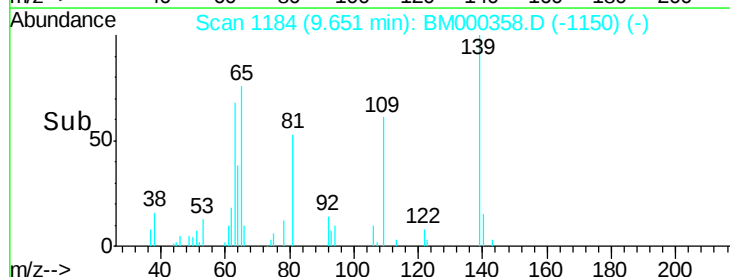


Abundance Ion 139.00 (138.70 to 139.70): BM000359.D (-1177) (-)

Ion 65.00 (64.70 to 65.70): BM000358.D (-1150) (-)

Ion 109.00 (108.70 to 109.70): BM000358.D (-1150) (-)

Time-->



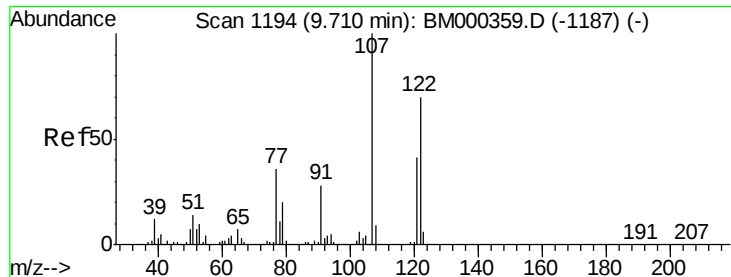
Abundance

Ion 139.00 (138.70 to 139.70): BM000359.D (-1177) (-)

Ion 65.00 (64.70 to 65.70): BM000358.D (-1150) (-)

Ion 109.00 (108.70 to 109.70): BM000358.D (-1150) (-)

Time-->



#24

2,4-Dimethylphenol

Concen: 8.60 ng/ul

RT: 9.71 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

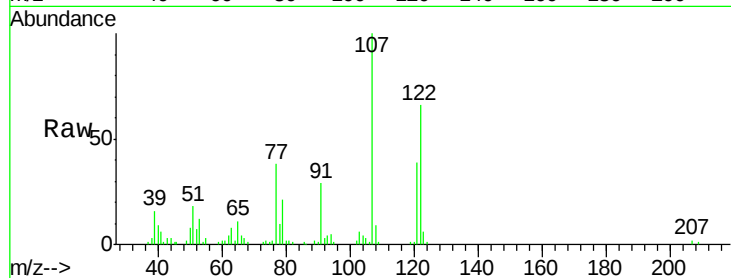
Tgt Ion:107 Resp: 111119

Ion Ratio Lower Upper

107 100

121 39.3 32.6 48.8

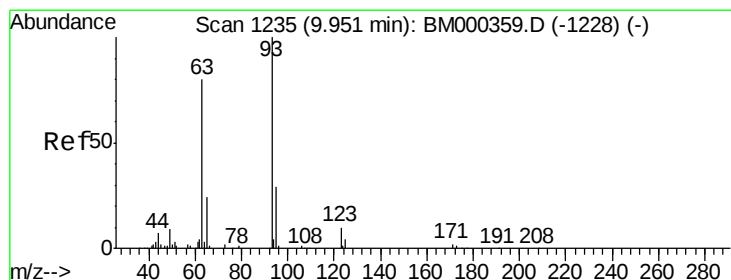
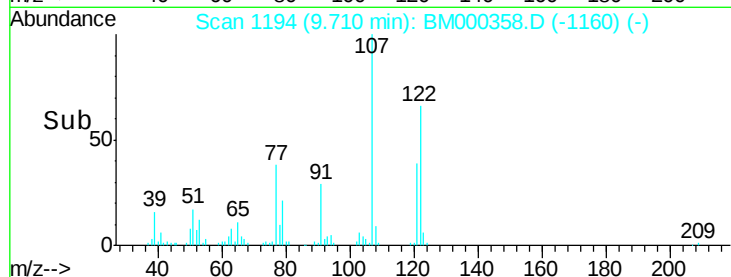
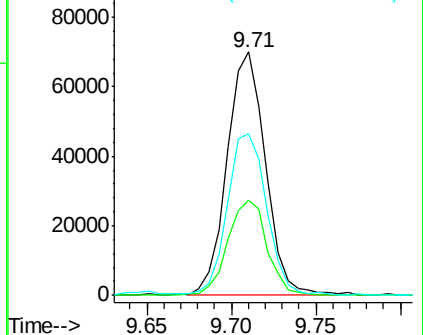
122 66.3 56.6 85.0



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



#25

Bis(2-Chloroethoxy)methane

Concen: 7.70 ng/ul

RT: 9.95 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

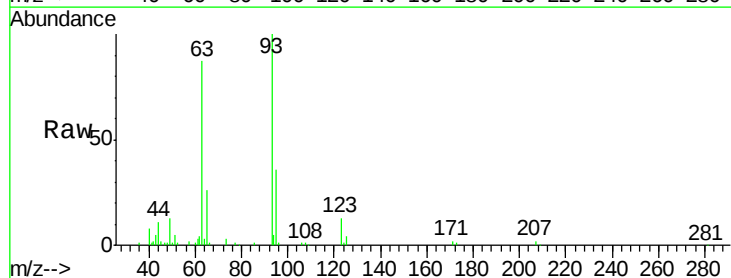
Tgt Ion: 93 Resp: 104216

Ion Ratio Lower Upper

93 100

95 36.3 23.4 35.0#

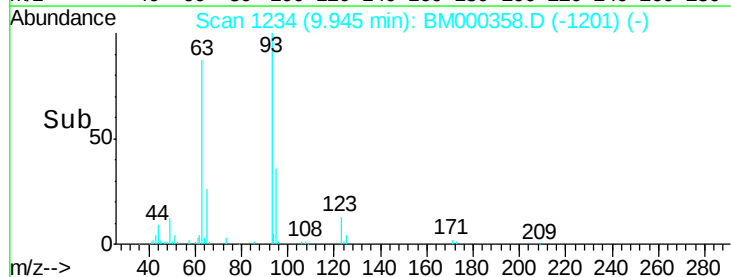
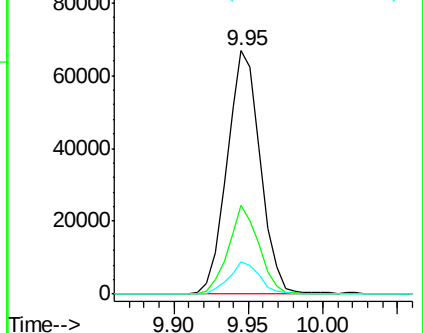
123 13.1 8.2 12.4#

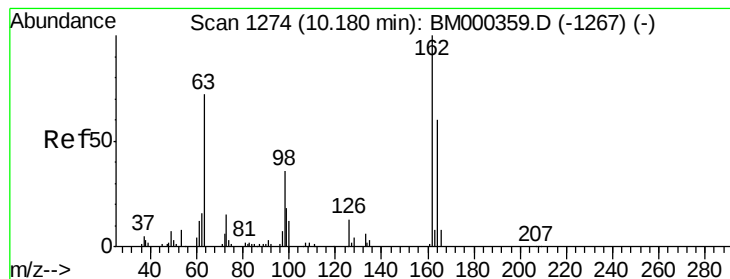


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 9.01 ng/ul

RT: 10.18 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

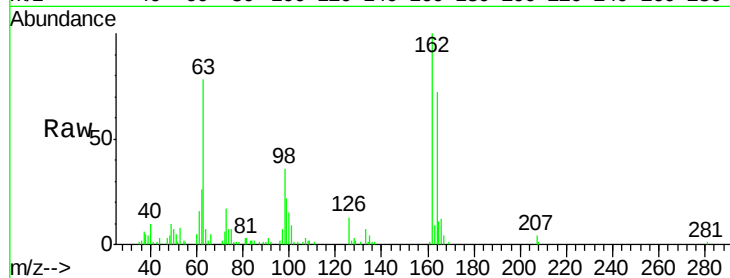
Tgt Ion:162 Resp: 85068

Ion Ratio Lower Upper

162 100

164 72.1 48.4 72.6

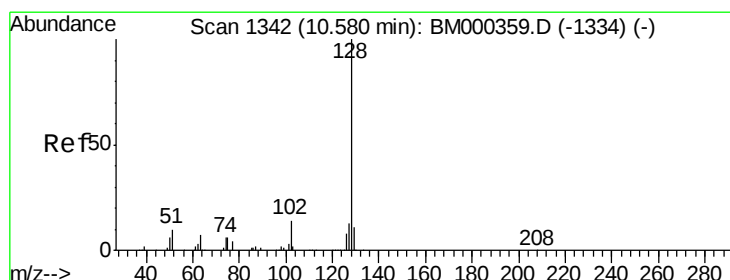
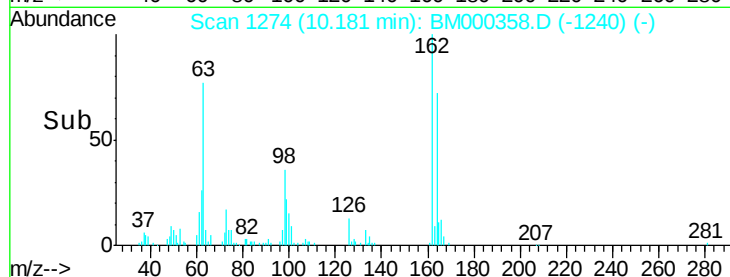
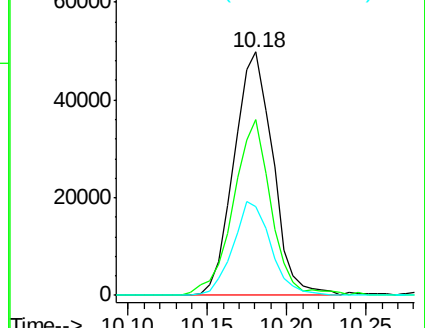
98 36.4 28.6 42.8



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: 10.04 ng/ul

RT: 10.58 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

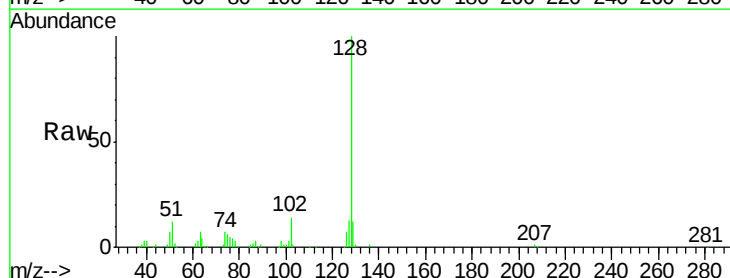
Tgt Ion:128 Resp: 321113

Ion Ratio Lower Upper

128 100

129 12.0 8.6 13.0

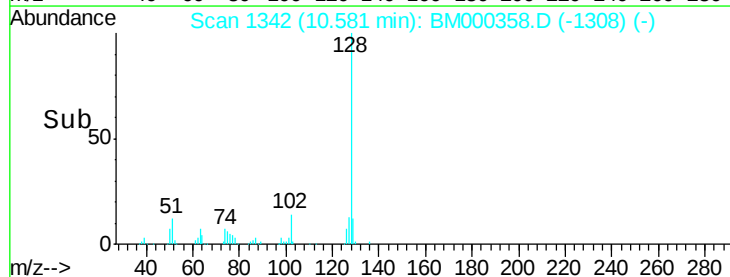
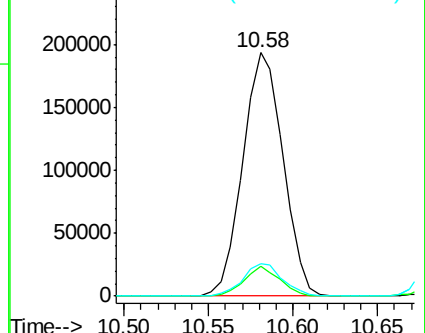
127 13.4 10.3 15.5

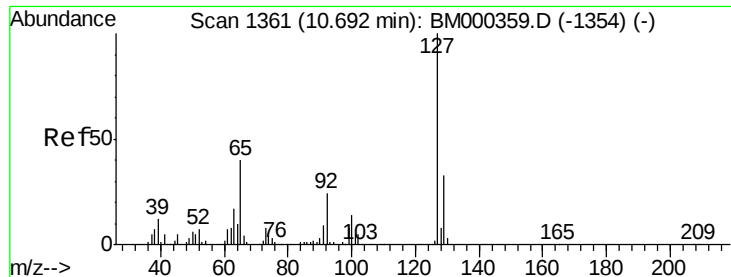


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

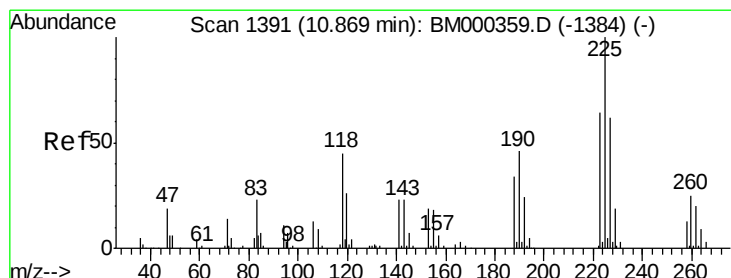
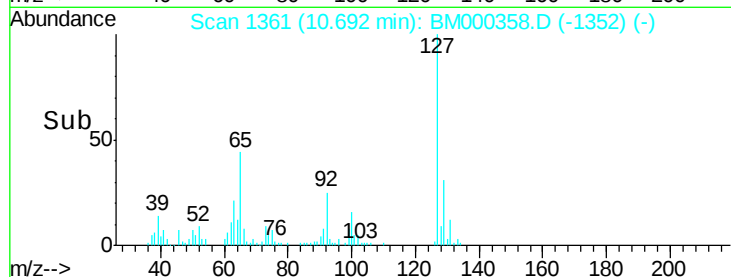
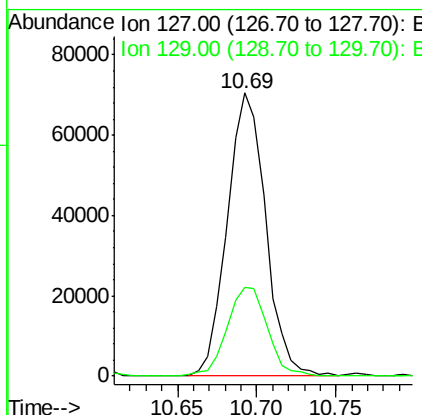
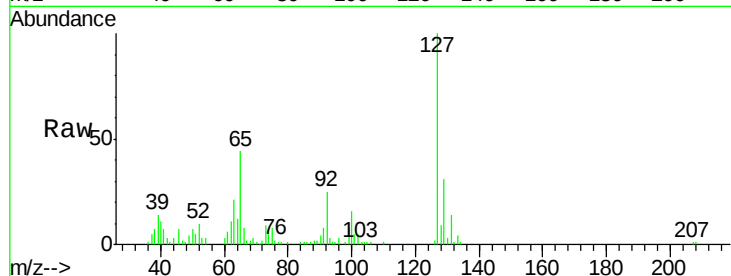




#30
4-Chloroaniline
Concen: 9.79 ng/ul
RT: 10.69 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

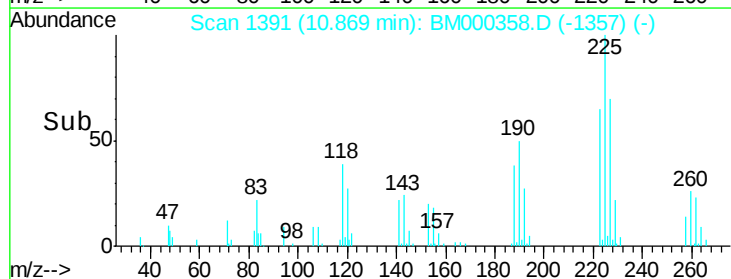
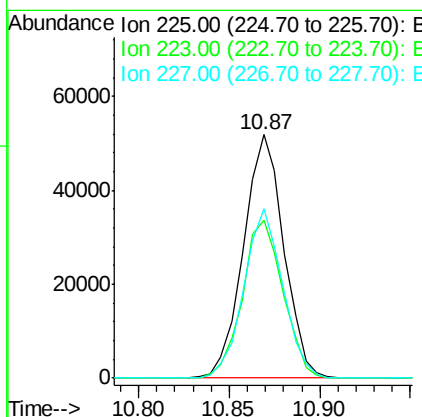
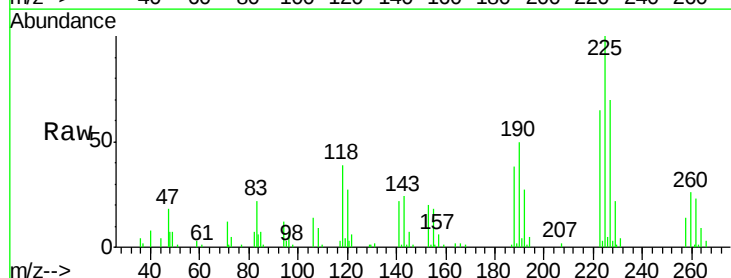
Instrument :
BNA_M
ClientSampleId :
C0AA5

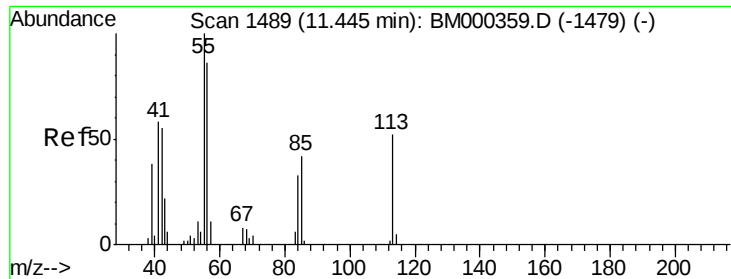
Tgt Ion:127 Resp: 118602
Ion Ratio Lower Upper
127 100
129 31.3 26.0 39.0



#31
Hexachlorobutadiene
Concen: 10.31 ng/ul
RT: 10.87 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion:225 Resp: 80111
Ion Ratio Lower Upper
225 100
223 65.1 51.0 76.6
227 69.6 49.8 74.8

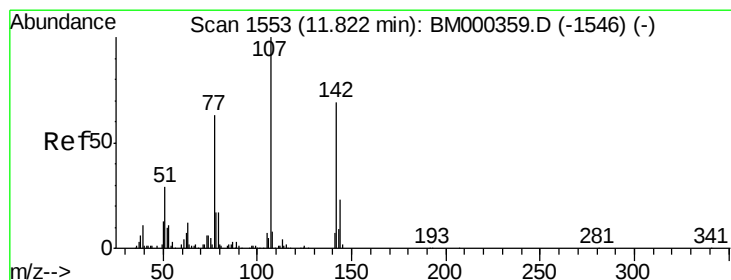
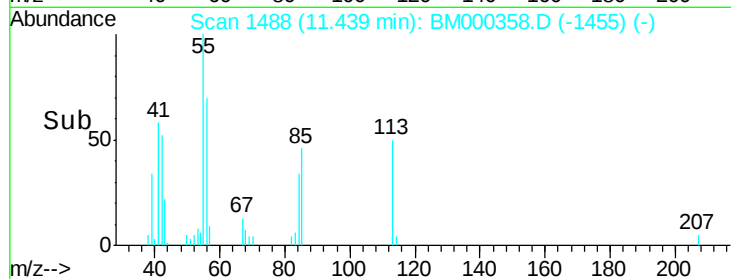
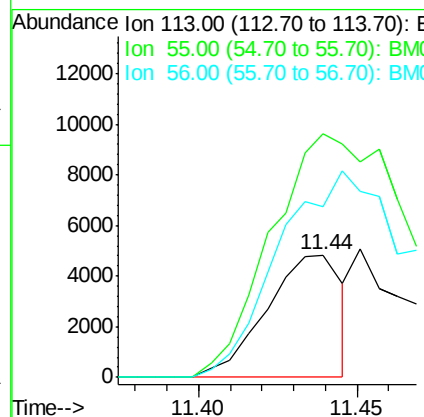
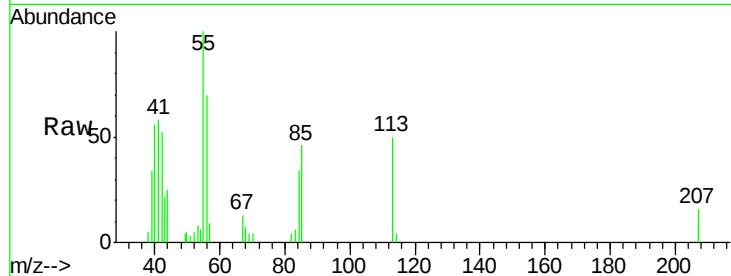




#32
 Caprolactam
 Concen: 3.05 ng/ul
 RT: 11.44 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

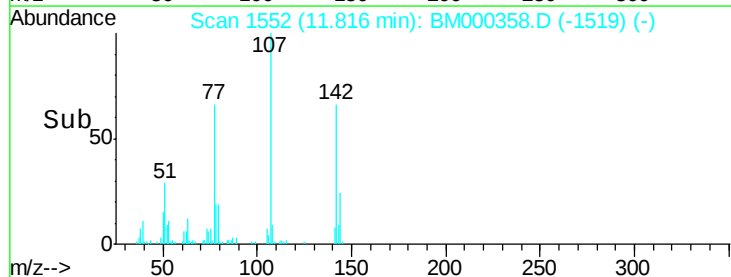
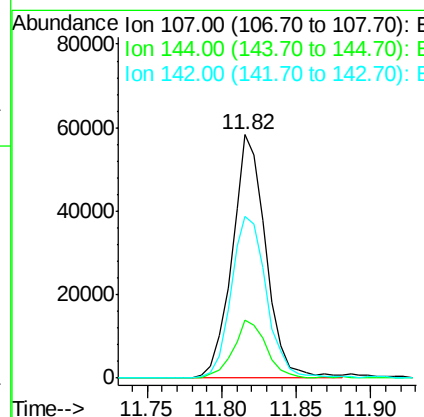
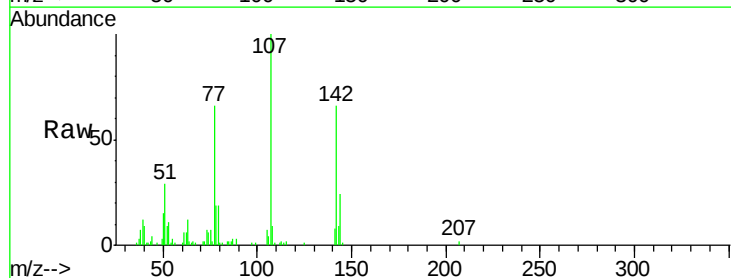
Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

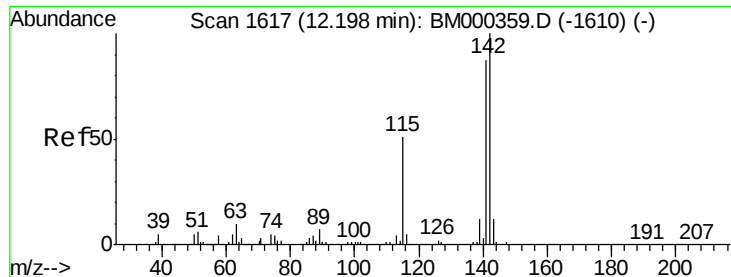
Tgt Ion:113 Resp: 8059
 Ion Ratio Lower Upper
 113 100
 55 198.9 153.3 229.9
 56 139.4 131.6 197.4



#33
 4-Chloro-3-methylphenol
 Concen: 7.94 ng/ul
 RT: 11.82 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

Tgt Ion:107 Resp: 91908
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.6 27.8
 142 66.5 55.1 82.7

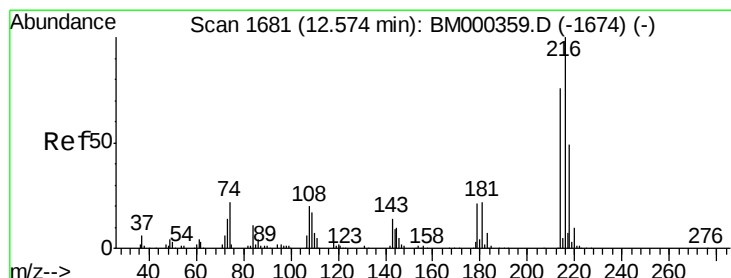
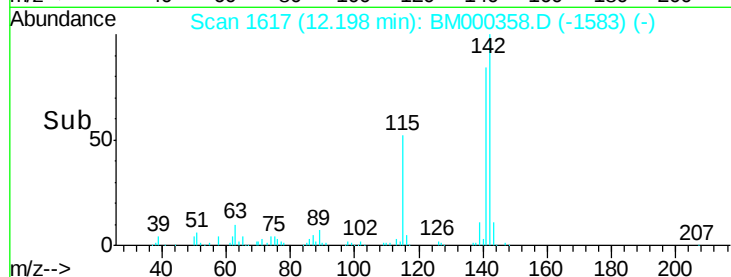
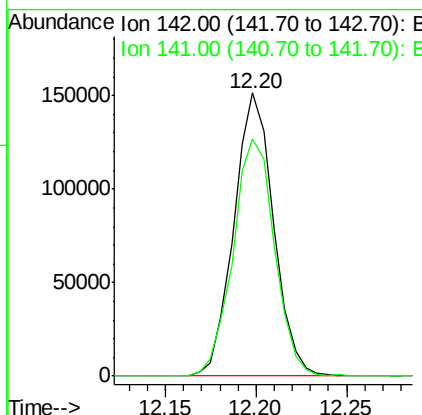
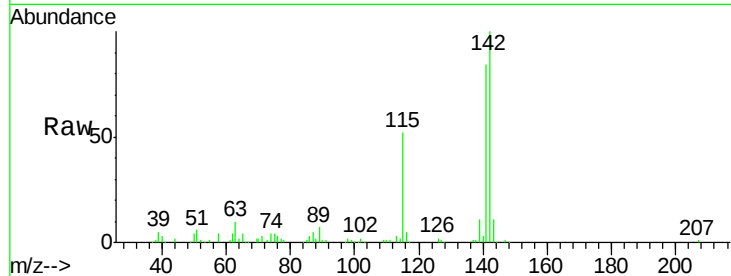




#34
2-Methylnaphthalene
Concen: 9.43 ng/ul
RT: 12.20 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

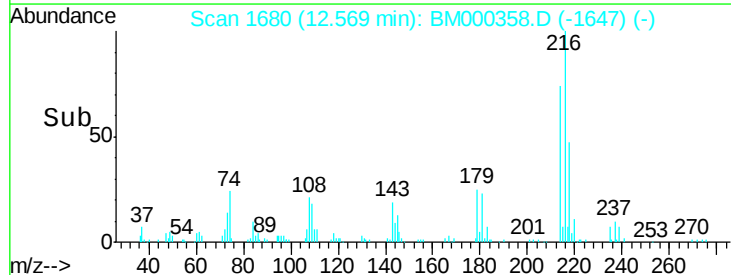
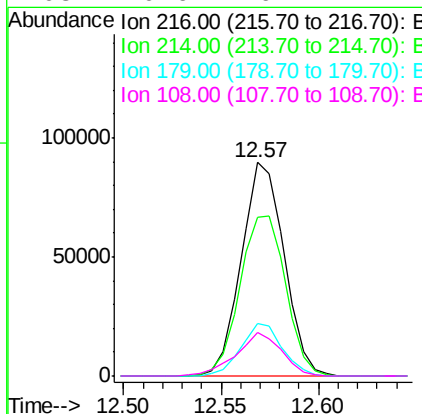
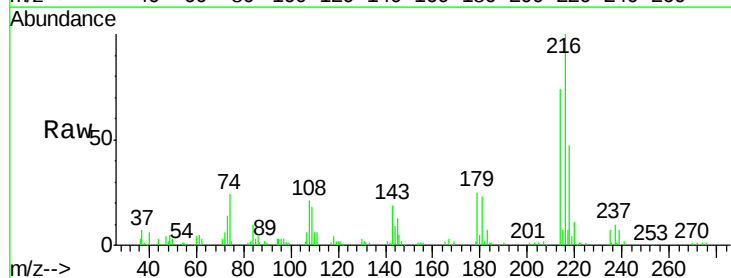
Instrument :
BNA_M
ClientSampleId :
C0AA5

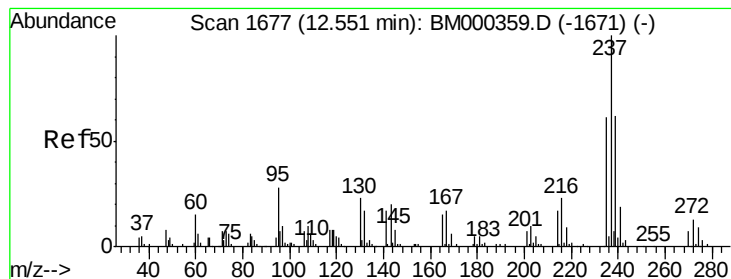
Tgt Ion:142 Resp: 230388
Ion Ratio Lower Upper
142 100
141 83.8 69.5 104.3



#36
1,2,4,5-Tetrachlorobenzene
Concen: 10.98 ng/ul
RT: 12.57 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion:216 Resp: 136340
Ion Ratio Lower Upper
216 100
214 74.3 60.6 90.8
179 24.6 17.0 25.6
108 20.6 16.2 24.2





#37

Hexachlorocyclopentadiene

Concen: 8.60 ng/ul

RT: 12.55 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

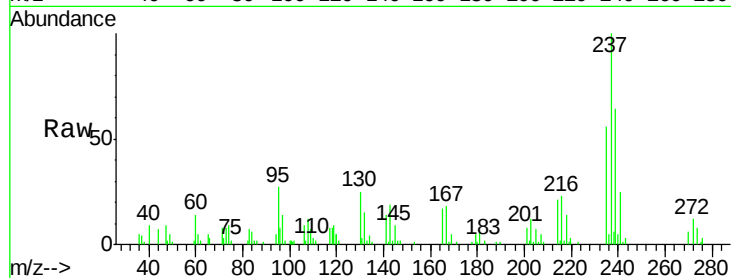
Tgt Ion:237 Resp: 65476

Ion Ratio Lower Upper

237 100

235 55.8 49.1 73.7

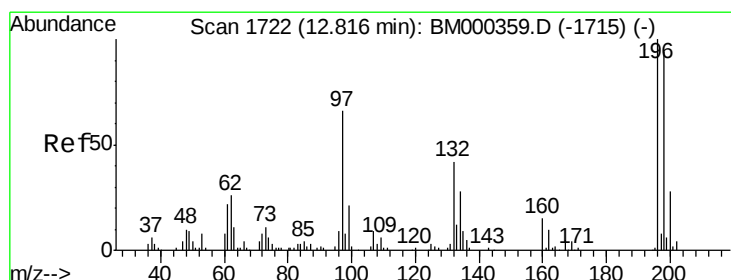
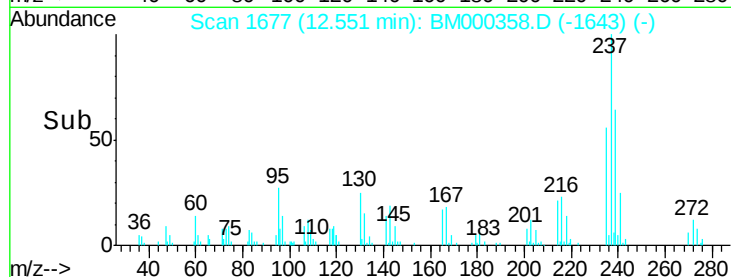
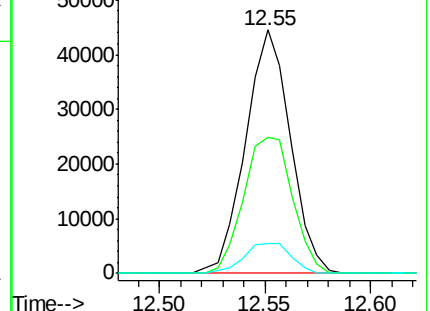
272 12.3 10.5 15.7



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 9.49 ng/ul

RT: 12.82 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

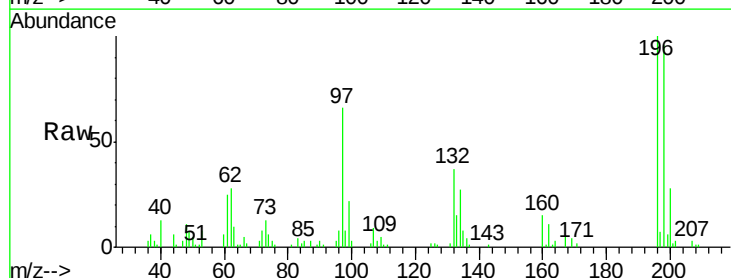
Tgt Ion:196 Resp: 65216

Ion Ratio Lower Upper

196 100

198 95.9 75.5 113.3

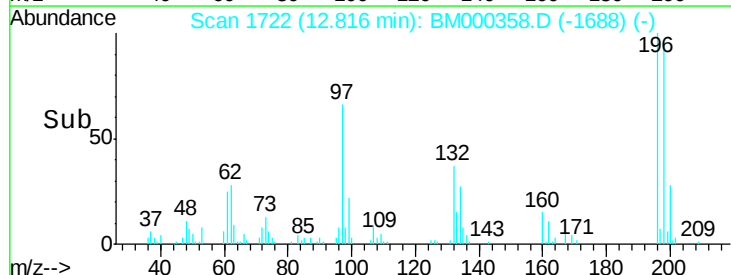
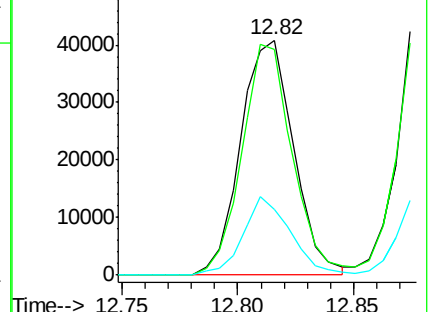
200 27.9 22.2 33.4

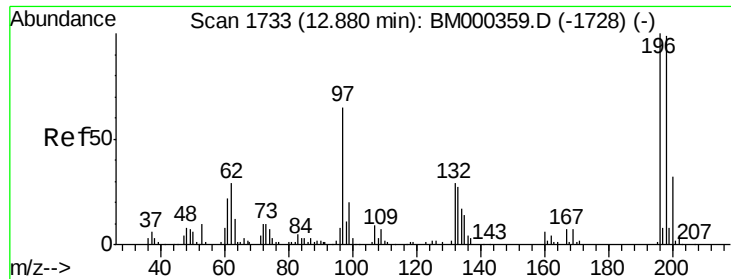


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

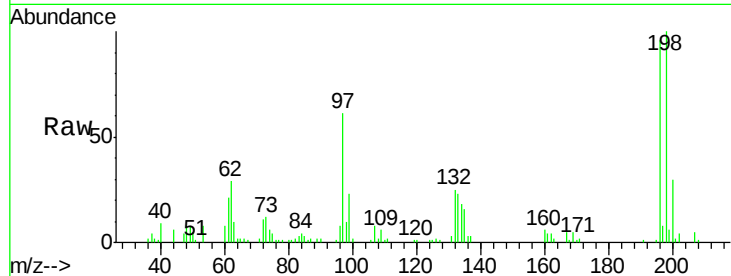




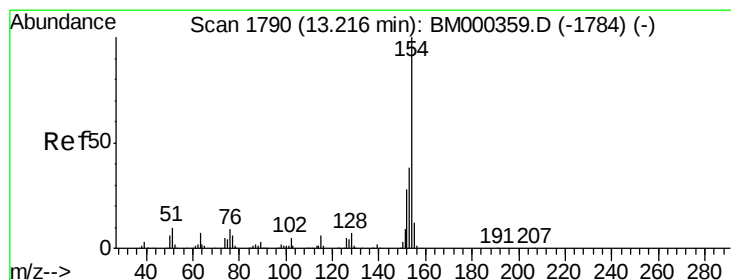
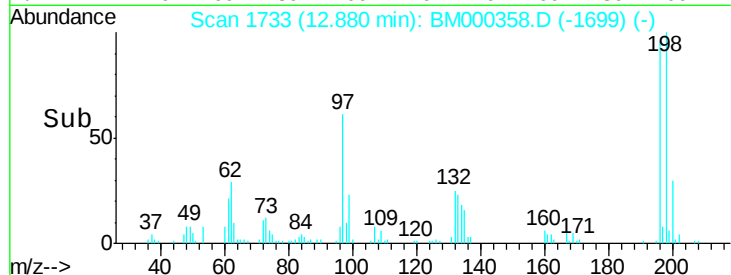
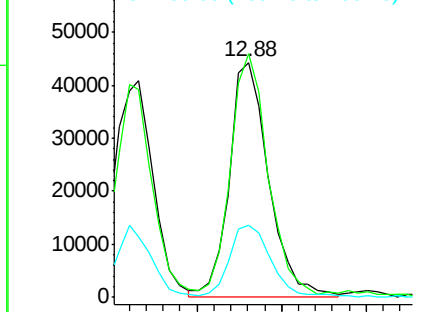
#39
 2,4,5-Trichlorophenol
 Concen: 9.26 ng/ul
 RT: 12.88 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

Tgt Ion:196 Resp: 72337
 Ion Ratio Lower Upper
 196 100
 198 103.7 78.6 117.8
 200 30.8 25.0 37.4

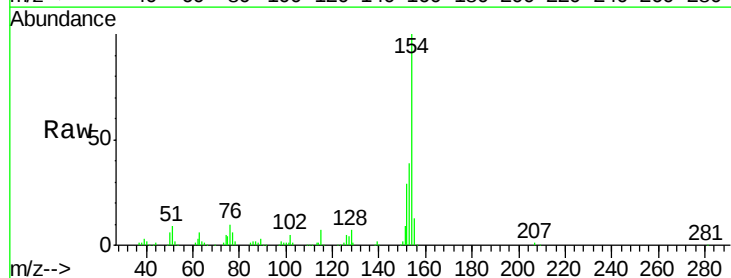


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

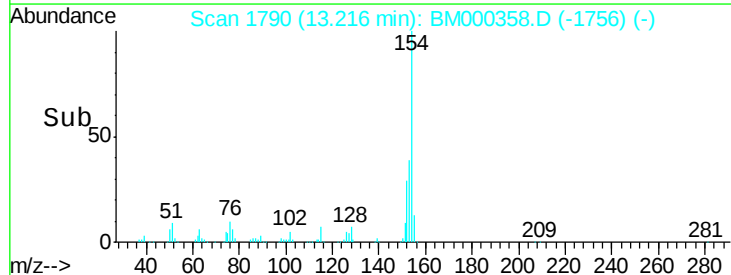
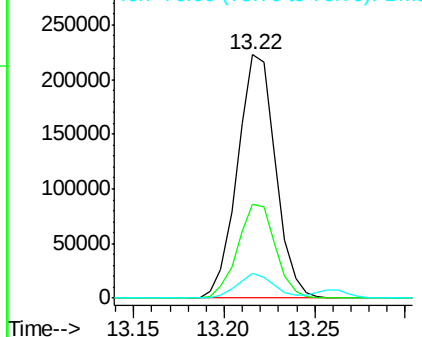


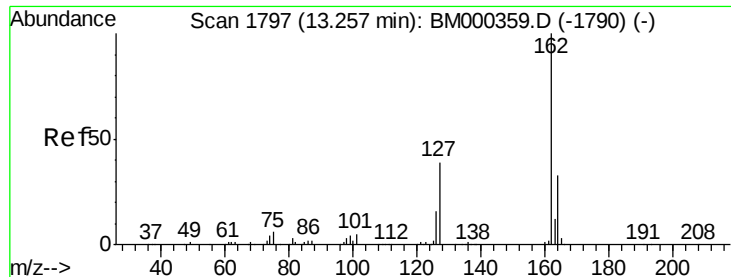
#40
 1,1'-Biphenyl
 Concen: 10.64 ng/ul
 RT: 13.22 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

Tgt Ion:154 Resp: 325065
 Ion Ratio Lower Upper
 154 100
 153 38.7 30.3 45.5
 76 10.2 7.4 11.2



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

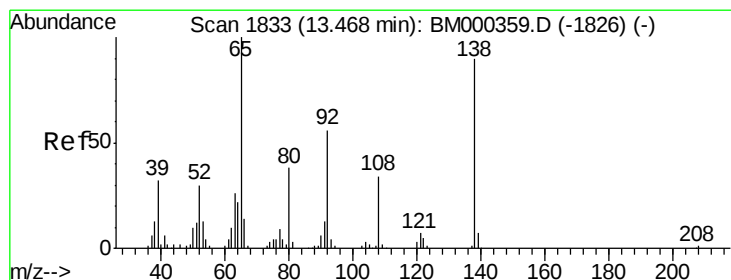
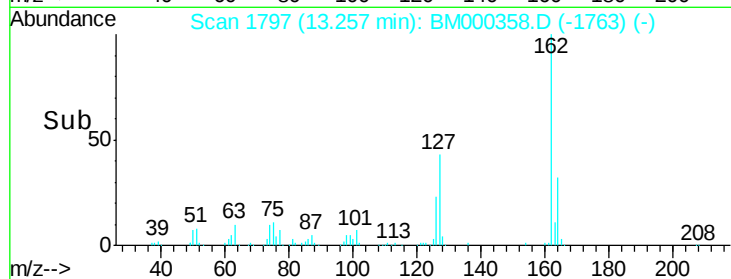
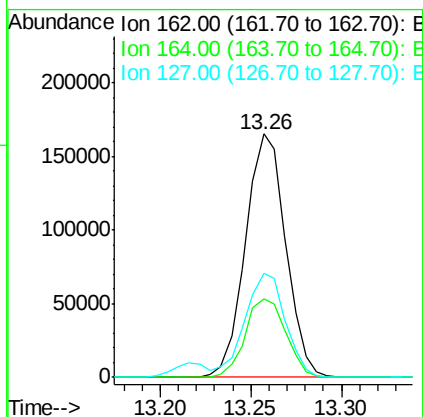
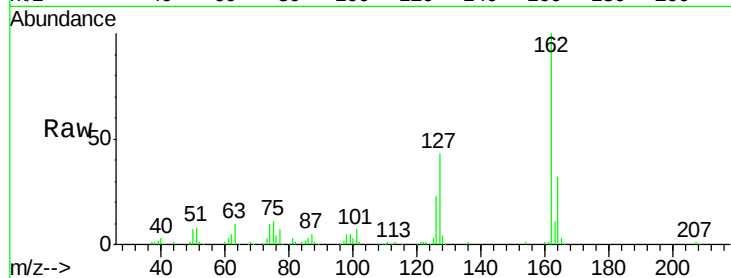




#41
2-Chloronaphthalene
Concen: 10.75 ng/ul
RT: 13.26 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

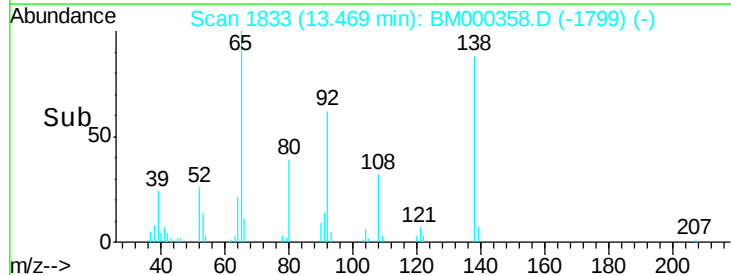
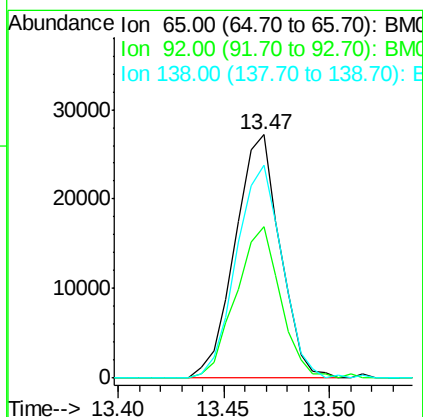
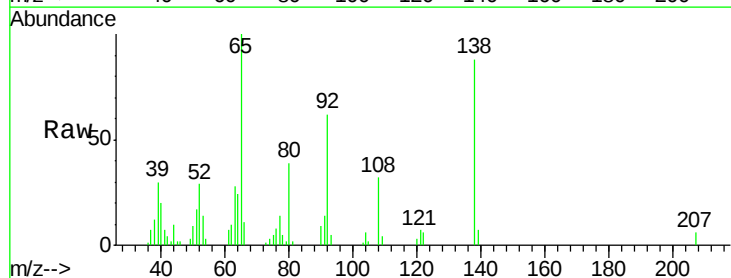
Instrument :
BNA_M
ClientSampleId :
C0AA5

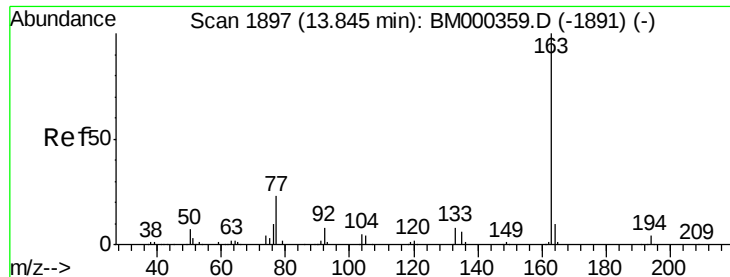
Tgt Ion: 162 Resp: 255271
Ion Ratio Lower Upper
162 100
164 32.3 26.6 39.8
127 43.0 35.5 53.3



#42
2-Nitroaniline
Concen: 5.29 ng/ul
RT: 13.47 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion: 65 Resp: 40267
Ion Ratio Lower Upper
65 100
92 62.0 44.5 66.7
138 87.5 72.1 108.1





#44

Dimethylphthalate

Concen: 9.39 ng/ul

RT: 13.85 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

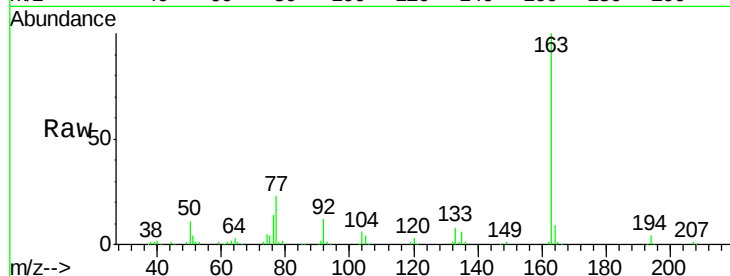
Tgt Ion:163 Resp: 288788

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

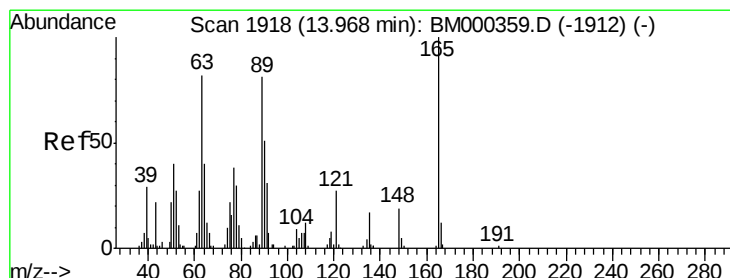
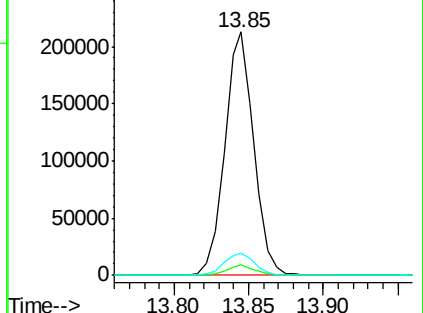
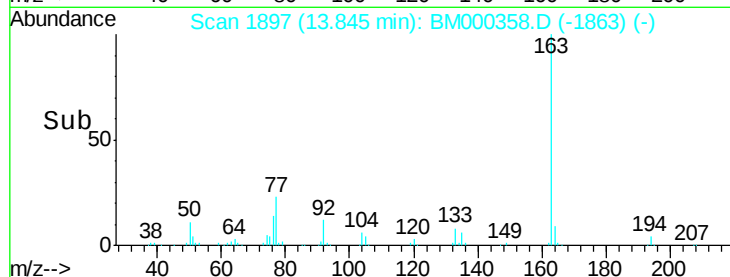
164 9.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 7.26 ng/ul

RT: 13.97 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

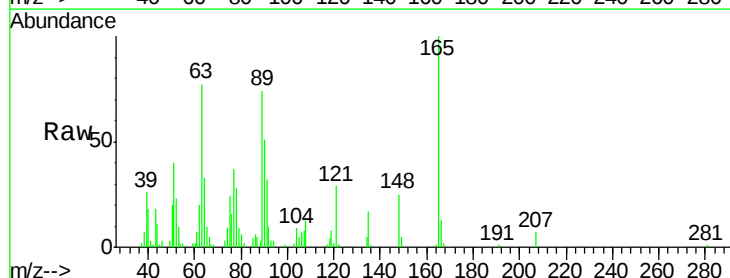
Tgt Ion:165 Resp: 39557

Ion Ratio Lower Upper

165 100

89 74.0 65.2 97.8

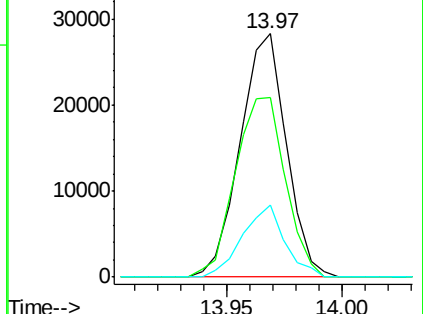
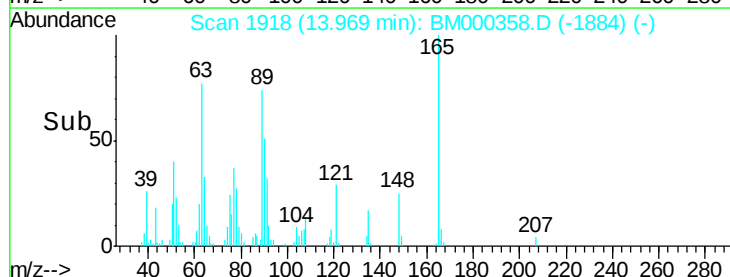
121 29.4 21.5 32.3

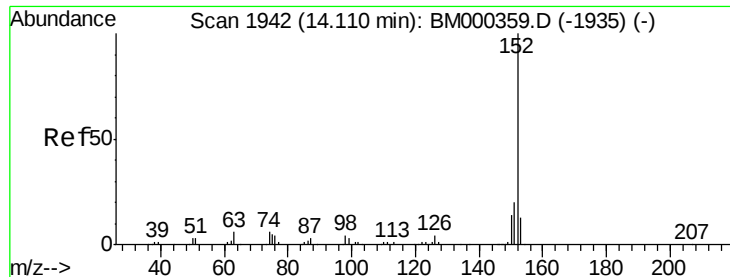


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 9.97 ng/ul

RT: 14.11 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

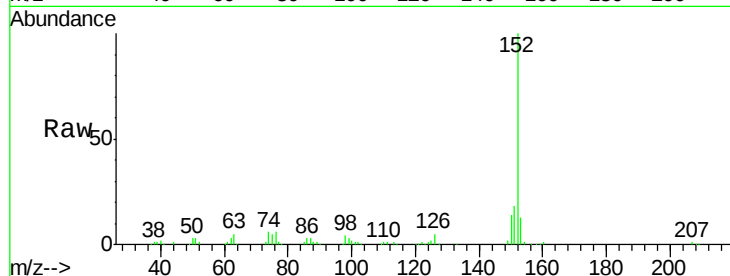
Tgt Ion:152 Resp: 389125

Ion Ratio Lower Upper

152 100

151 18.5 15.8 23.6

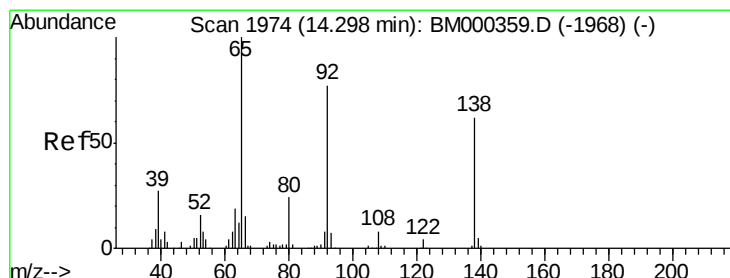
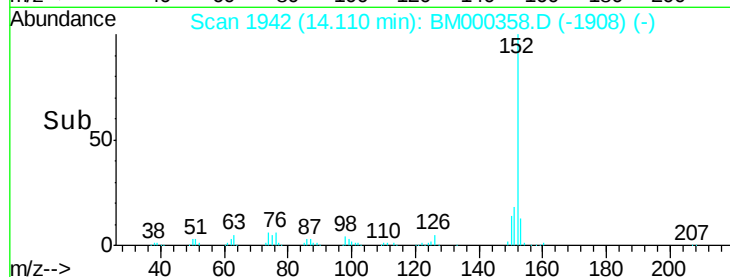
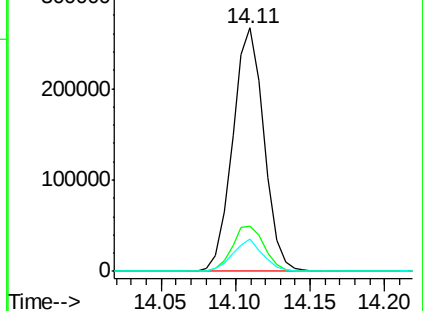
153 13.2 10.4 15.6



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: 7.11 ng/ul

RT: 14.30 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

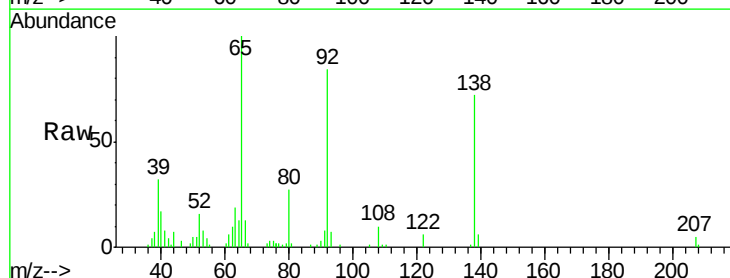
Tgt Ion:138 Resp: 39555

Ion Ratio Lower Upper

138 100

108 13.8 10.1 15.1

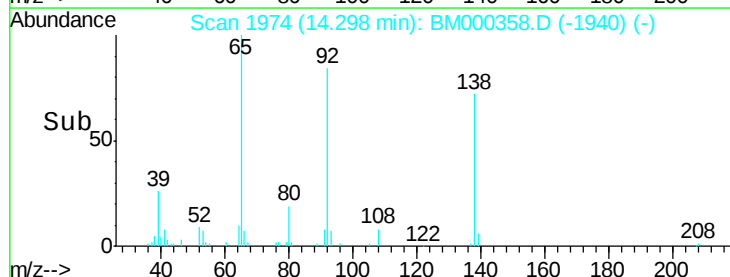
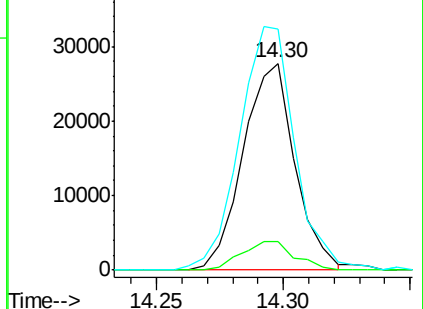
92 116.5 100.2 150.2

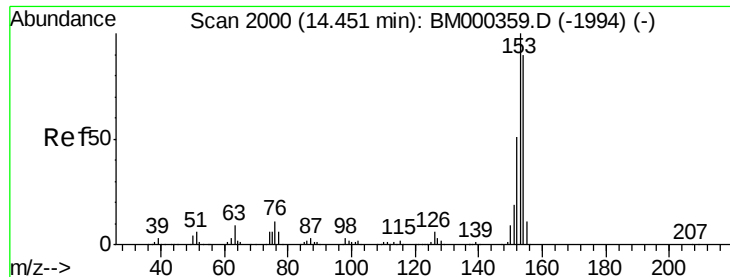


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 9.90 ng/ul

RT: 14.45 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

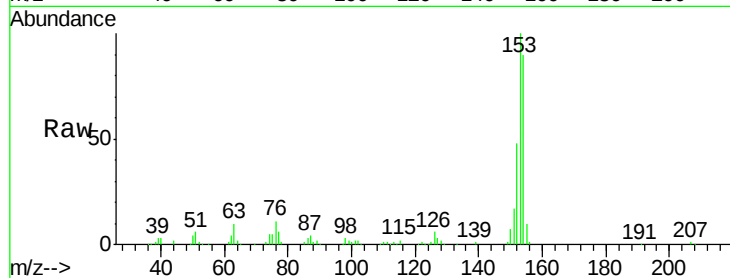
Tgt Ion:153 Resp: 251811

Ion Ratio Lower Upper

153 100

152 47.6 40.5 60.7

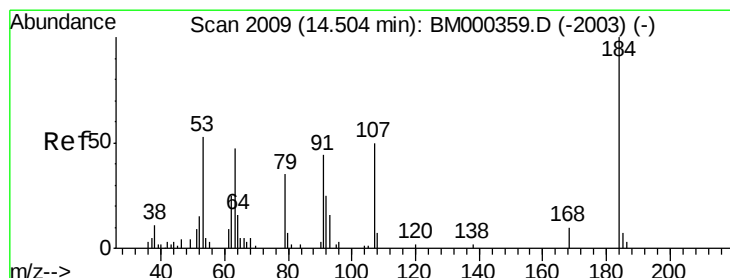
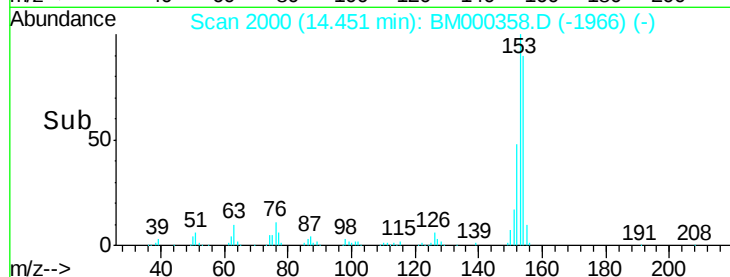
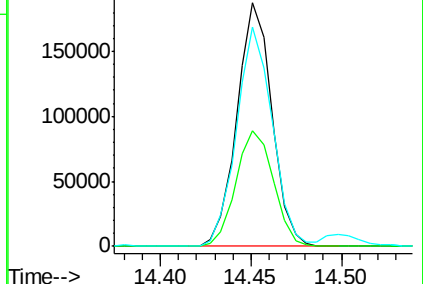
154 89.9 72.0 108.0



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



#50

2,4-Dinitrophenol

Concen: 4.93 ng/ul

RT: 14.50 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

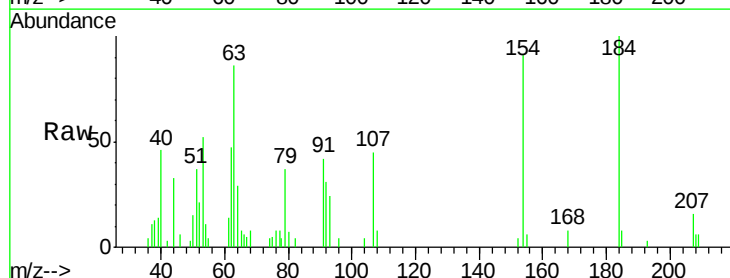
Tgt Ion:184 Resp: 13737

Ion Ratio Lower Upper

184 100

63 86.4 56.5 84.7#

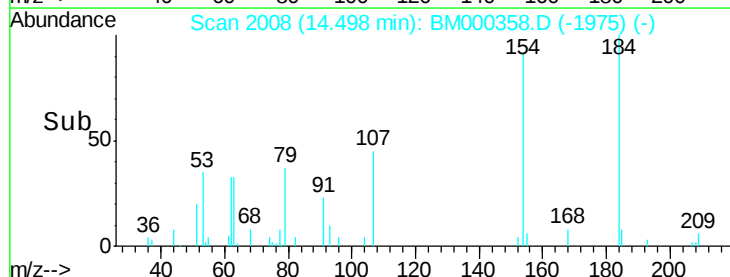
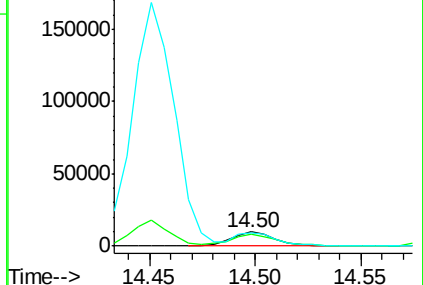
154 91.3 66.0 99.0

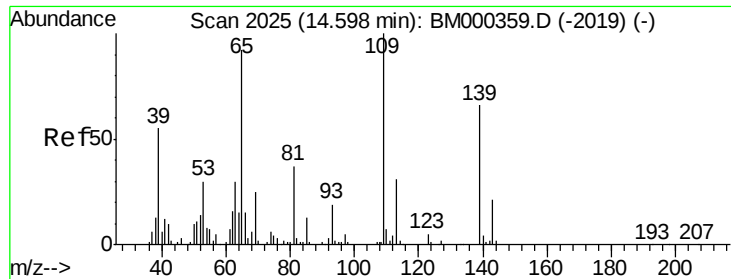


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 6.76 ng/ul

RT: 14.60 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

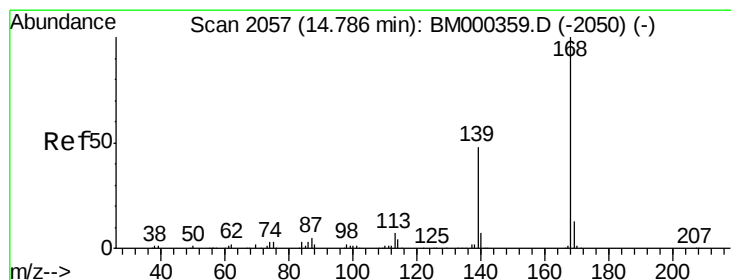
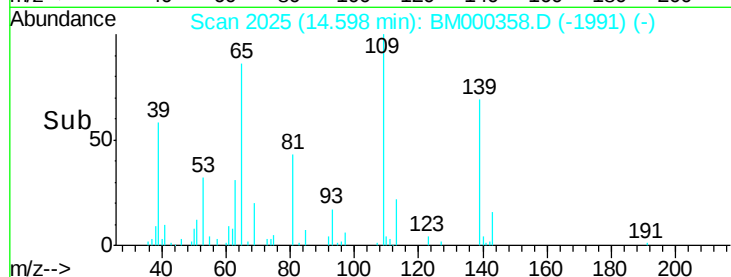
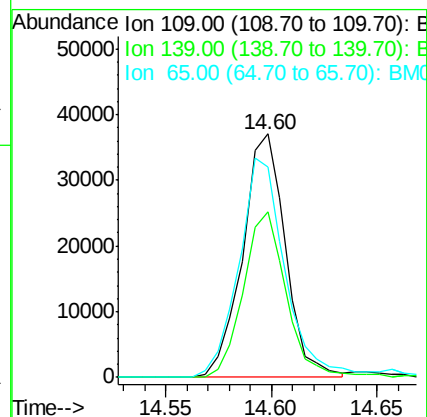
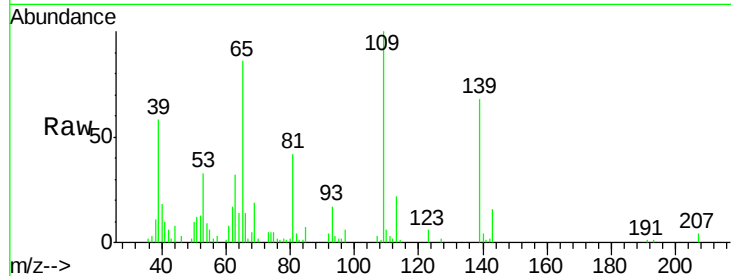
Tgt Ion:109 Resp: 52349

Ion Ratio Lower Upper

109 100

139 67.8 52.5 78.7

65 86.2 73.9 110.9



#53

Dibenzofuran

Concen: 10.21 ng/ul

RT: 14.79 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BM000358.D

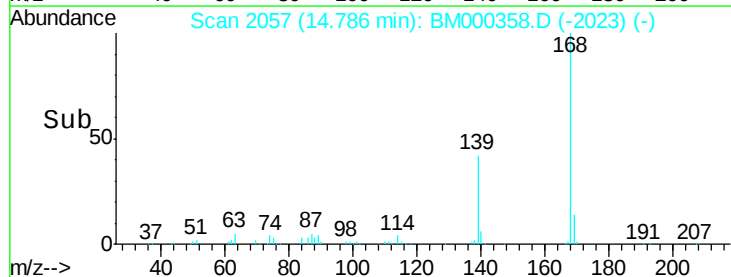
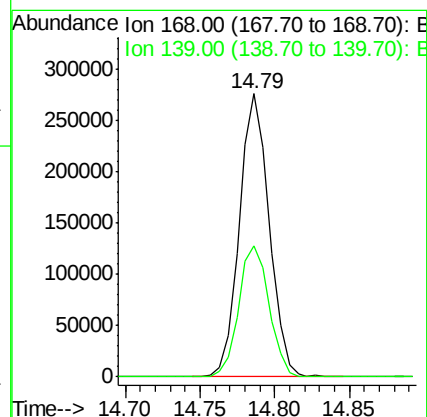
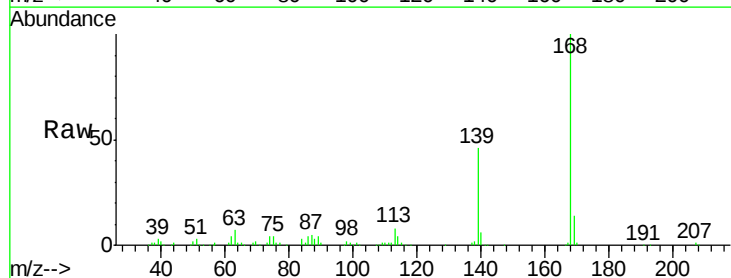
Acq: 28 Jan 2015 18:47

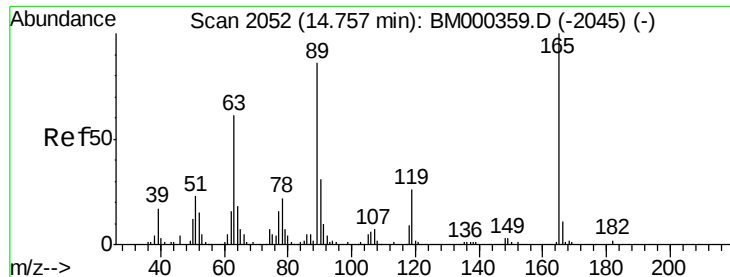
Tgt Ion:168 Resp: 382596

Ion Ratio Lower Upper

168 100

139 46.1 38.2 57.4





#54

2,4-Dinitrotoluene

Concen: 6.86 ng/ul

RT: 14.75 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

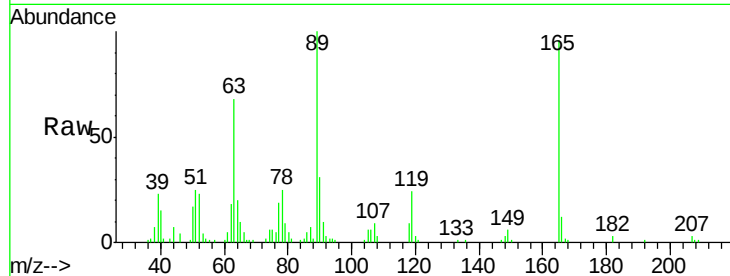
Tgt Ion:165 Resp: 59500

Ion Ratio Lower Upper

165 100

63 71.1 48.9 73.3

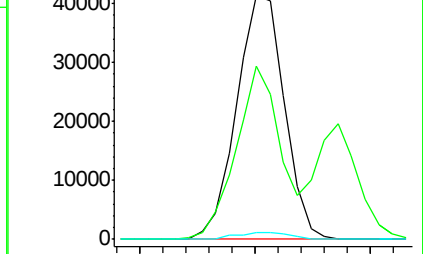
182 2.9 1.7 2.5#



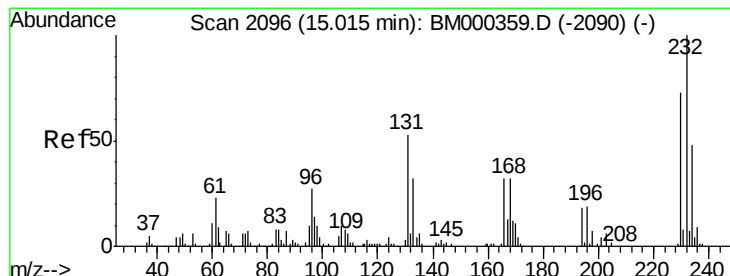
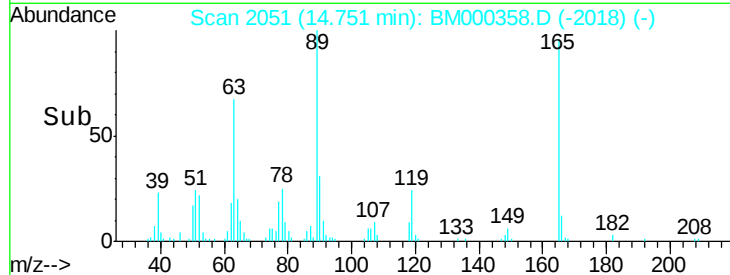
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 182.00 (181.70 to 182.70): E



Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 8.56 ng/ul

RT: 15.02 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Tgt Ion:232 Resp: 56327

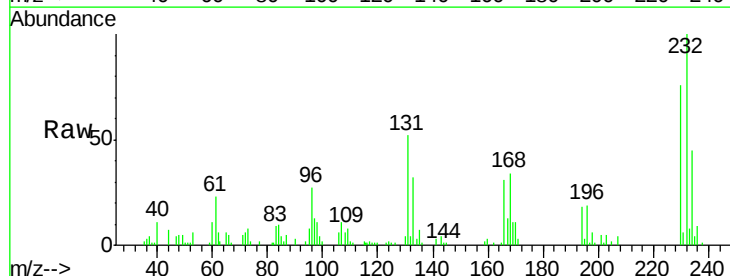
Ion Ratio Lower Upper

232 100

131 52.0 42.8 64.2

130 4.2 2.6 4.0#

166 31.2 25.3 37.9

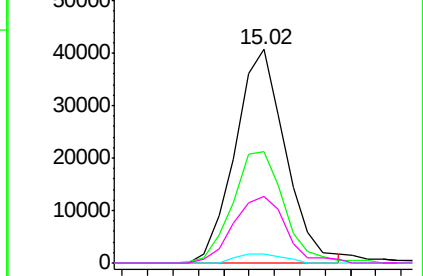


Abundance Ion 232.00 (231.70 to 232.70): E

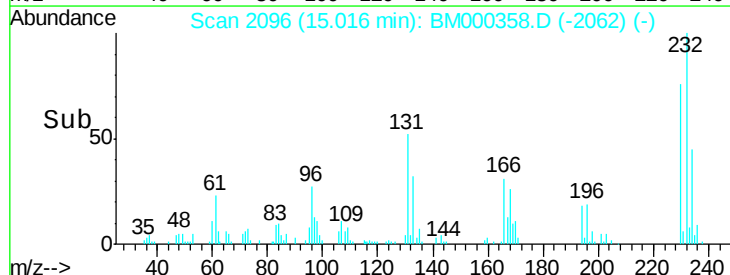
Ion 131.00 (130.70 to 131.70): E

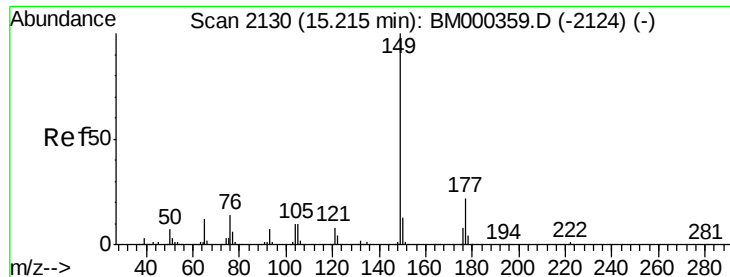
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

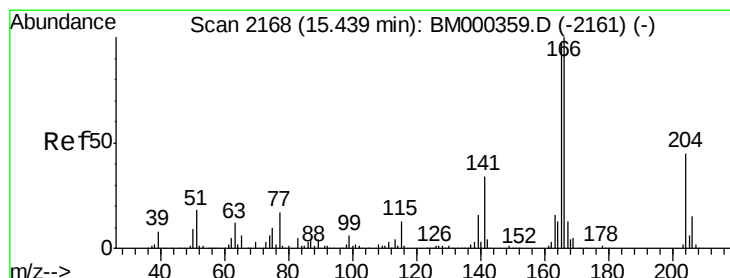
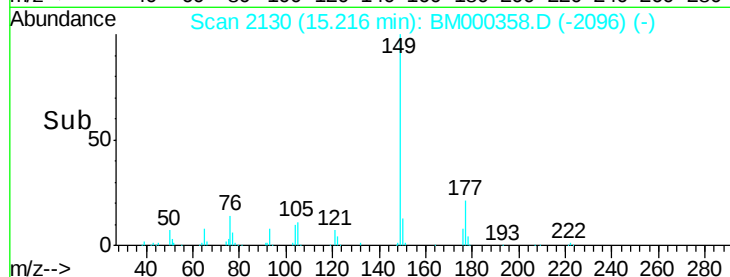
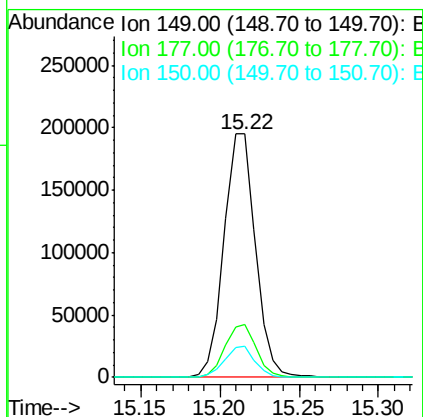
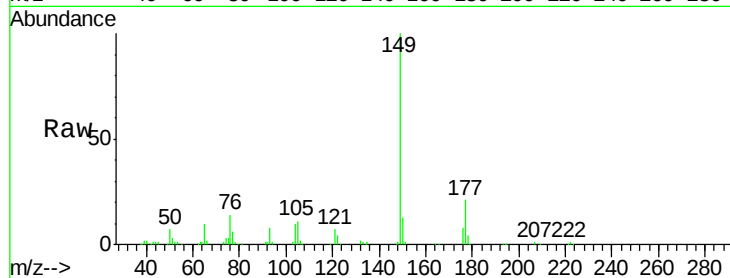




#56
Diethylphthalate
Concen: 8.50 ng/ul
RT: 15.22 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

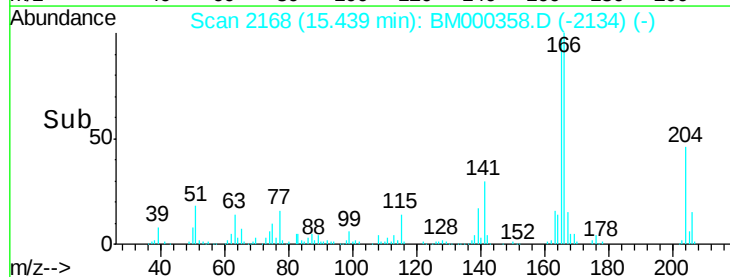
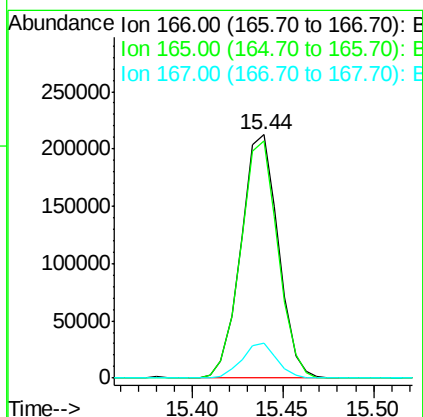
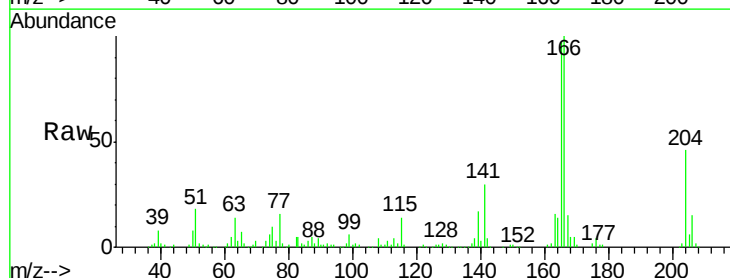
Instrument :
BNA_M
ClientSampleId :
C0AA5

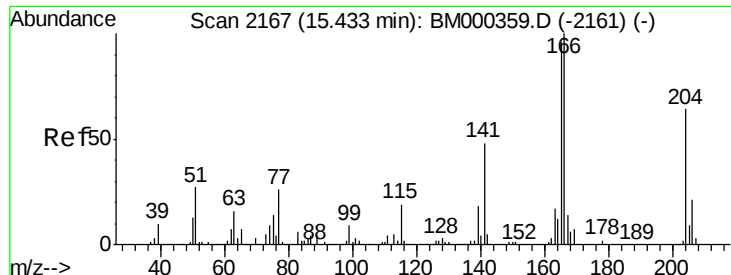
Tgt Ion:149 Resp: 269260
Ion Ratio Lower Upper
149 100
177 21.5 17.6 26.4
150 12.6 10.2 15.4



#58
Fluorene
Concen: 9.78 ng/ul
RT: 15.44 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion:166 Resp: 303192
Ion Ratio Lower Upper
166 100
165 97.3 77.3 115.9
167 14.5 10.2 15.4

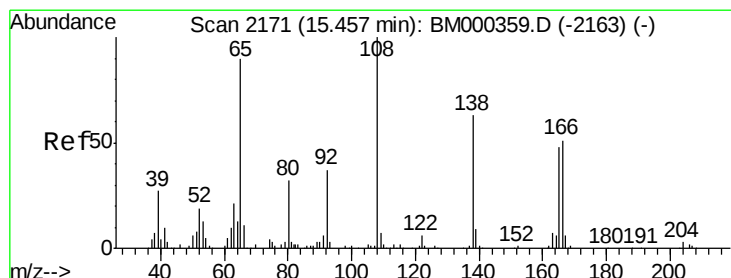
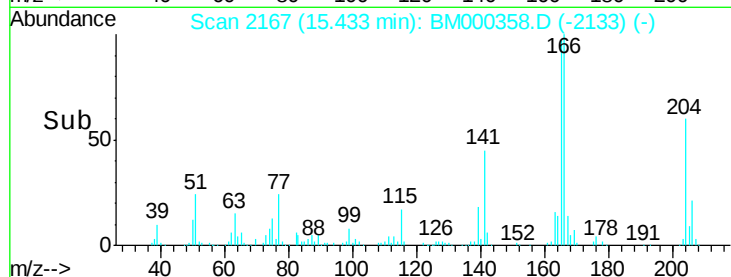
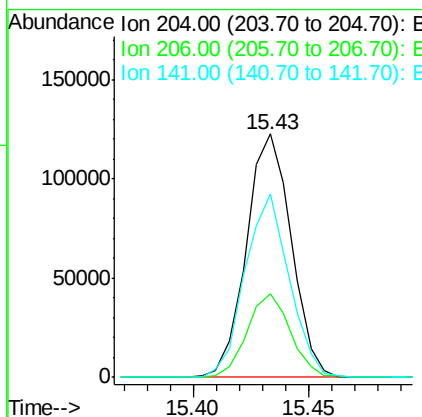
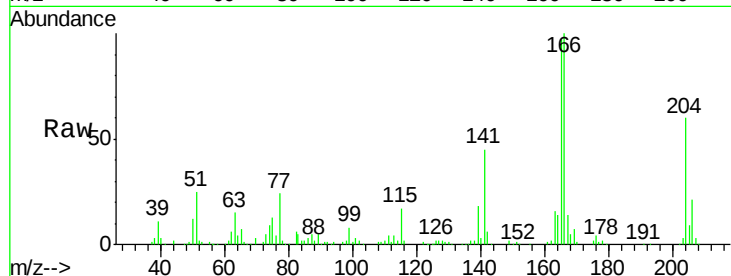




#59
 4-Chlorophenyl-phenylether
 Concen: 10.52 ng/ul
 RT: 15.43 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

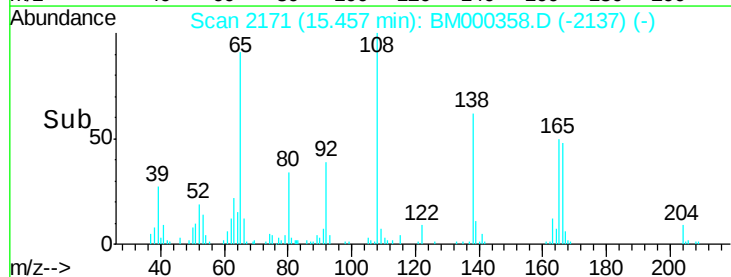
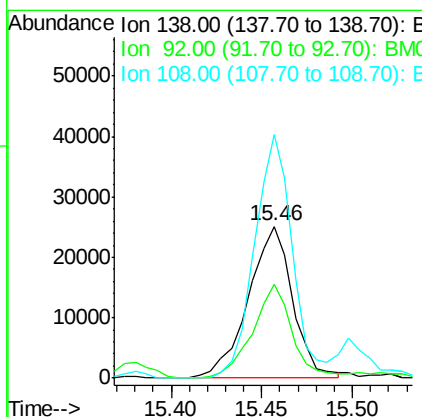
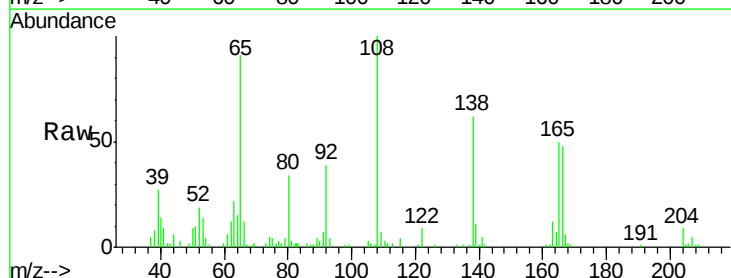
Instrument :
 BNA_M
 ClientSampleId :
 C0AA5

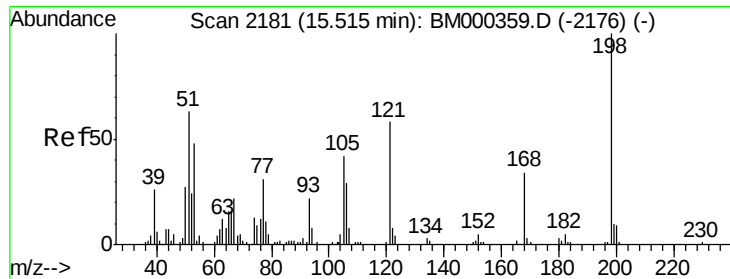
Tgt Ion:204 Resp: 165969
 Ion Ratio Lower Upper
 204 100
 206 34.2 26.4 39.6
 141 75.3 59.7 89.5



#60
 4-Nitroaniline
 Concen: 6.81 ng/ul
 RT: 15.46 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

Tgt Ion:138 Resp: 42721
 Ion Ratio Lower Upper
 138 100
 92 61.8 46.7 70.1
 108 160.3 126.5 189.7

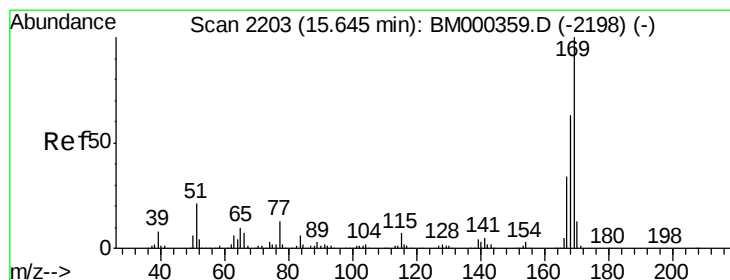
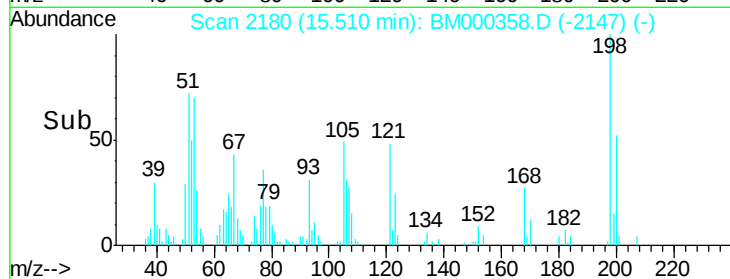
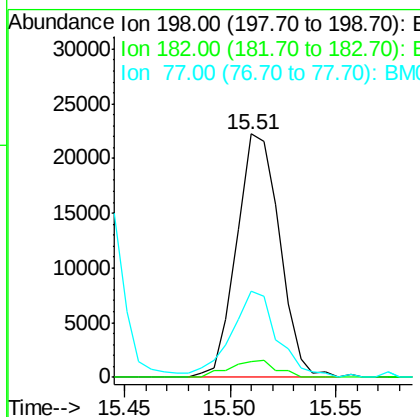
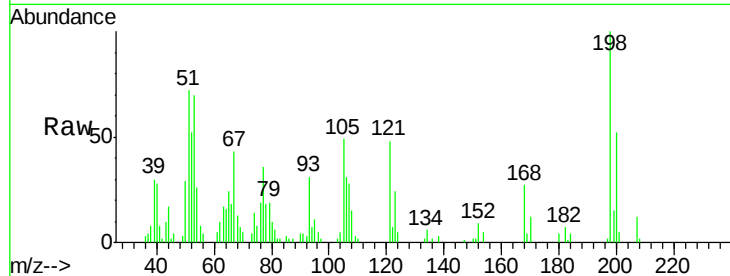




#63
 4,6-Dinitro-2-methylphenol
 Concen: 6.72 ng/ul
 RT: 15.51 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

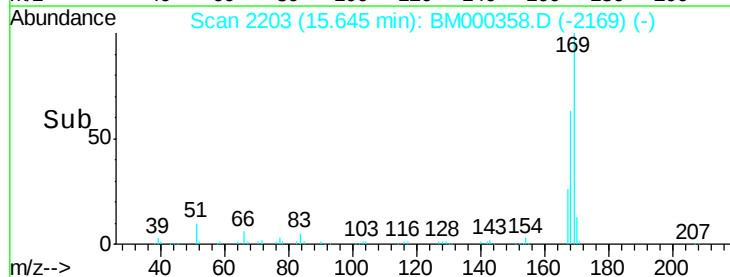
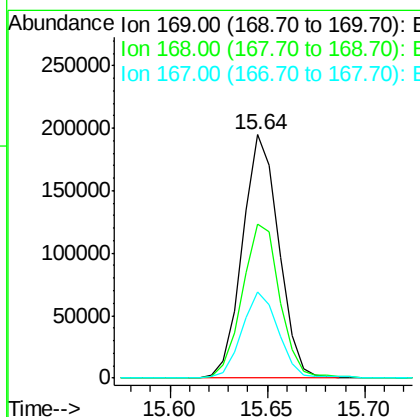
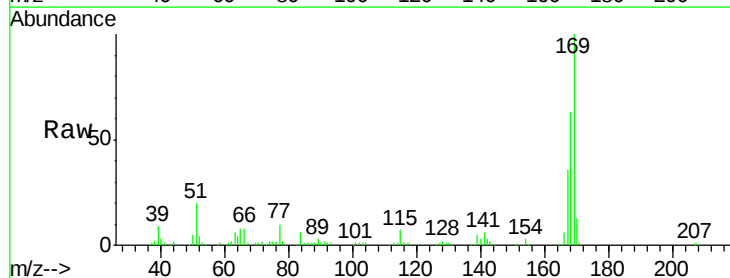
Instrument :
 BNA_M
 ClientSampled :
 C0AA5

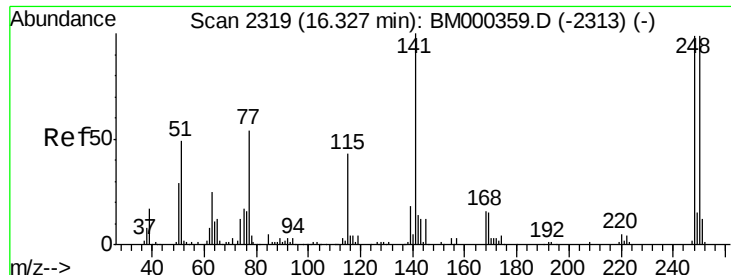
Tgt Ion:198 Resp: 31419
 Ion Ratio Lower Upper
 198 100
 182 6.6 4.2 6.2#
 77 35.5 26.6 39.8



#64
 N-Nitrosodiphenylamine
 Concen: 9.84 ng/ul
 RT: 15.64 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BM000358.D
 Acq: 28 Jan 2015 18:47

Tgt Ion:169 Resp: 251163
 Ion Ratio Lower Upper
 169 100
 168 63.3 50.9 76.3
 167 35.5 27.6 41.4

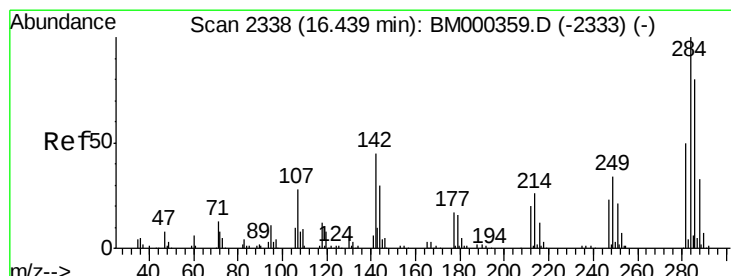
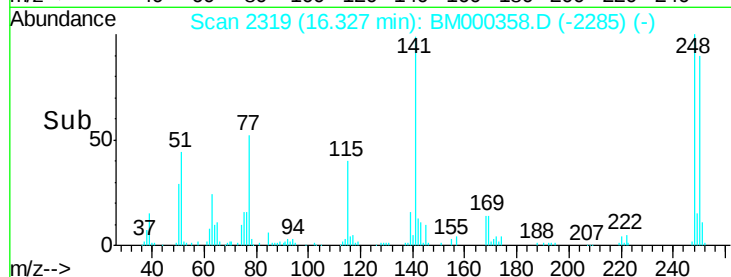
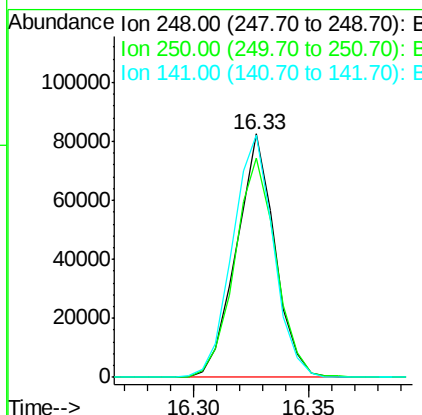
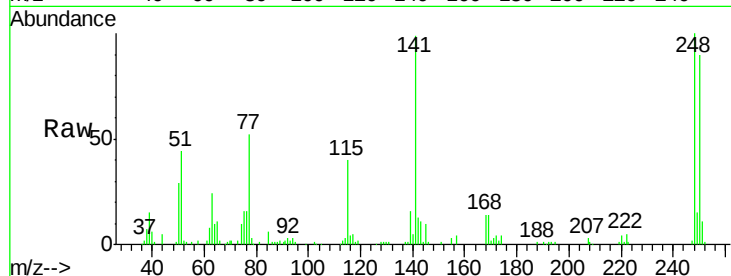




#65
4-Bromophenyl-phenylether
Concen: 9.96 ng/ul
RT: 16.33 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

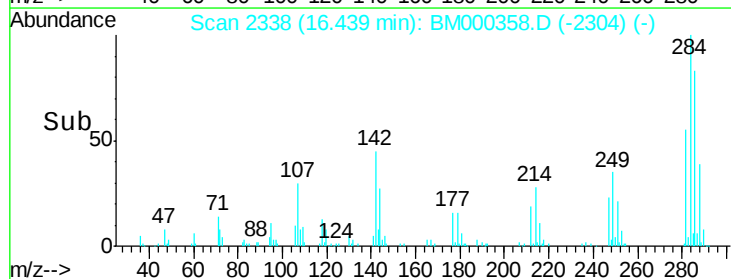
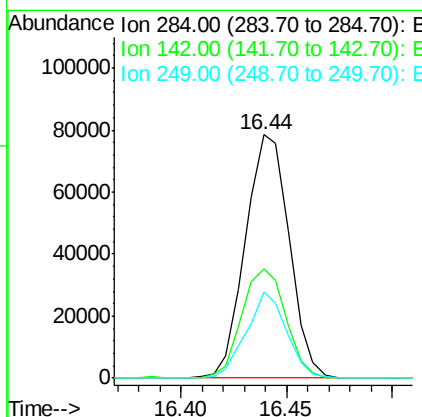
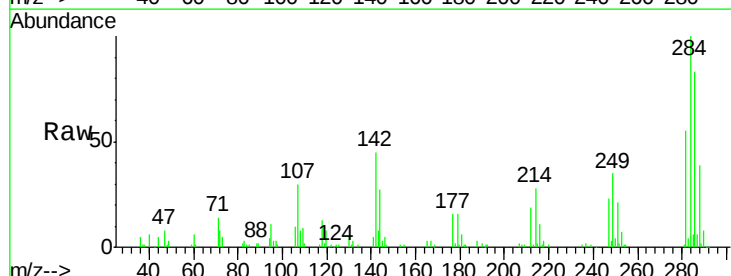
Instrument :
BNA_M
ClientSampleId :
C0AA5

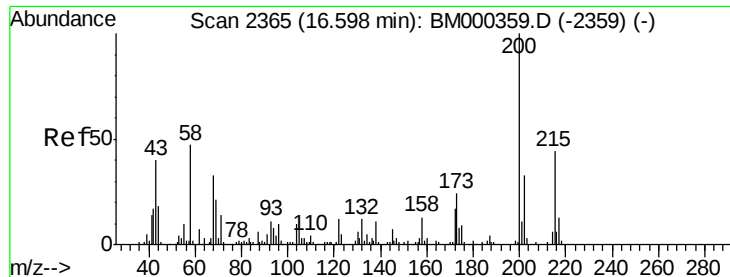
Tgt Ion:248 Resp: 96046
Ion Ratio Lower Upper
248 100
250 89.9 80.2 120.2
141 99.3 81.0 121.4



#66
Hexachlorobenzene
Concen: 9.93 ng/ul
RT: 16.44 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BM000358.D
Acq: 28 Jan 2015 18:47

Tgt Ion:284 Resp: 112910
Ion Ratio Lower Upper
284 100
142 45.0 36.3 54.5
249 35.4 27.4 41.2





#67

Atrazine

Concen: 9.19 ng/ul

RT: 16.60 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampled :

C0AA5

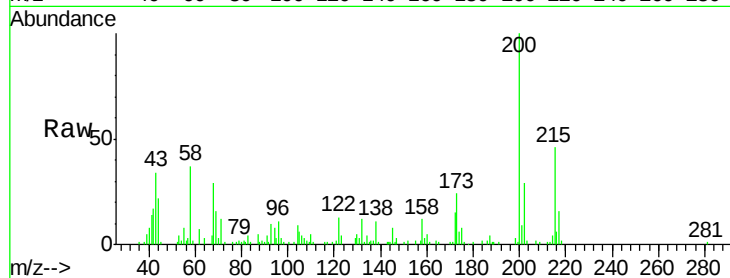
Tgt Ion:200 Resp: 82078

Ion Ratio Lower Upper

200 100

173 23.9 19.0 28.4

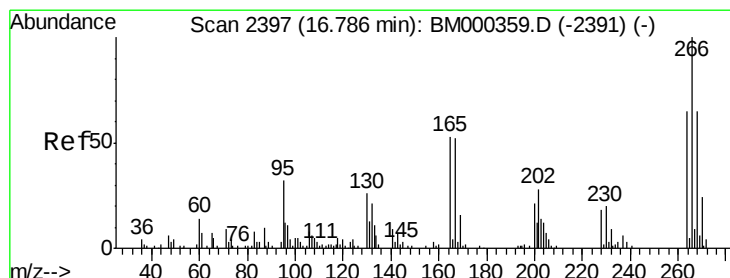
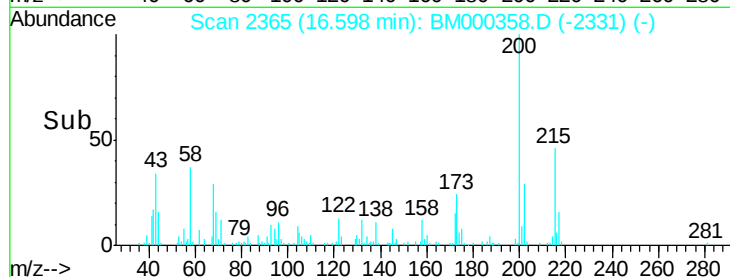
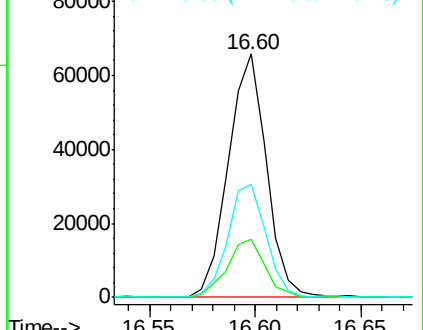
215 46.4 35.5 53.3



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: 7.38 ng/ul

RT: 16.79 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

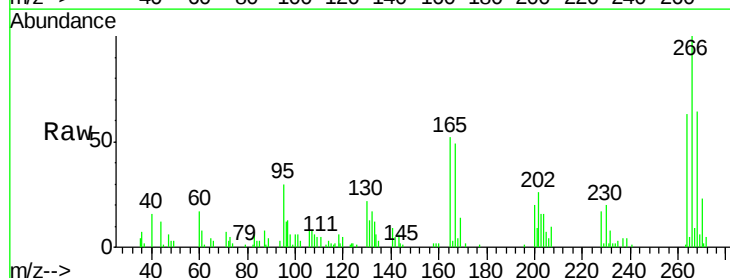
Tgt Ion:266 Resp: 41186

Ion Ratio Lower Upper

266 100

264 63.5 51.7 77.5

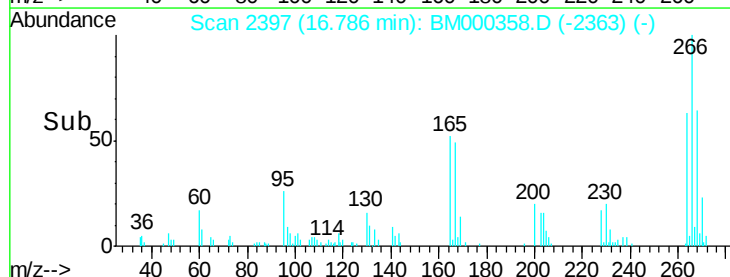
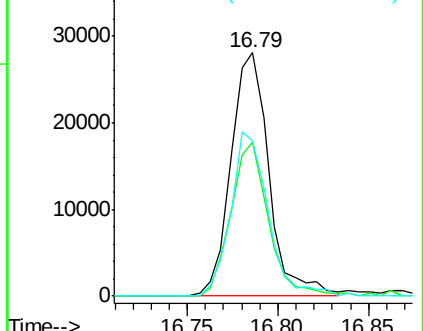
268 64.0 52.2 78.2

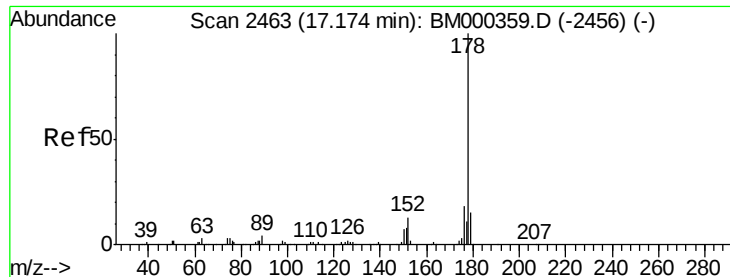


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 9.88 ng/ul

RT: 17.17 min Scan# 2463

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

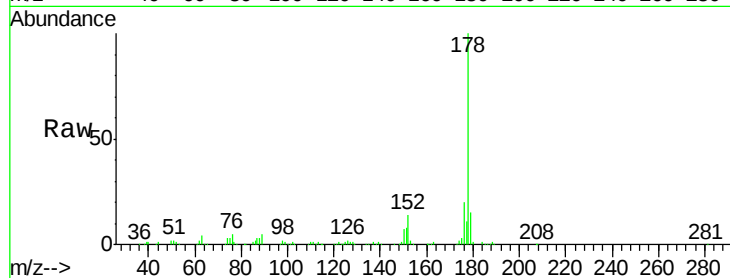
Tgt Ion:178 Resp: 501099

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

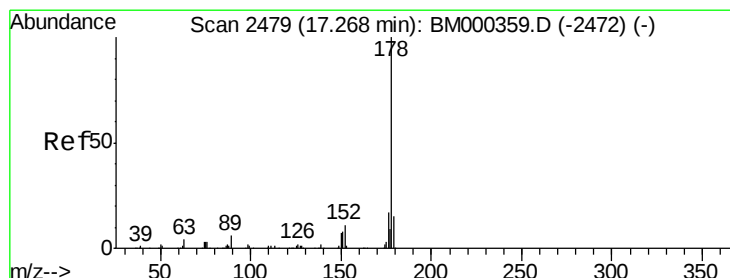
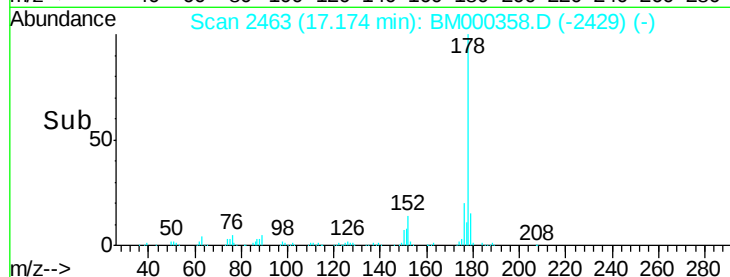
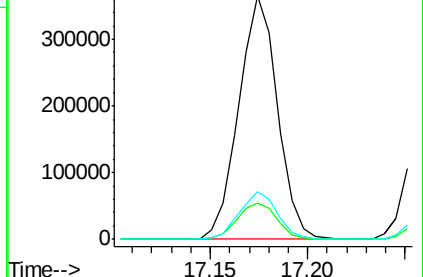
176 19.6 14.7 22.1



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: 9.54 ng/ul

RT: 17.26 min Scan# 2478

Delta R.T. -0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

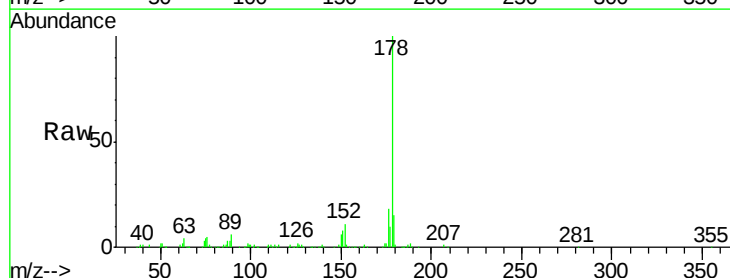
Tgt Ion:178 Resp: 493479

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

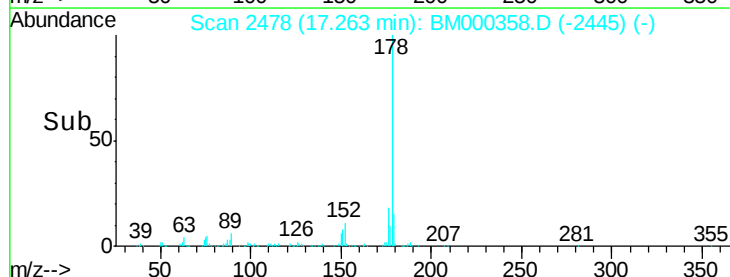
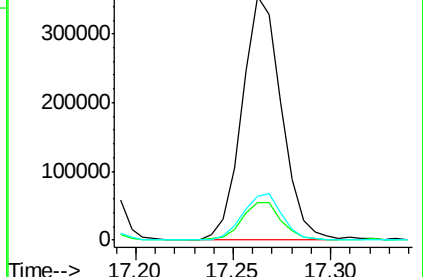
176 17.9 14.0 21.0

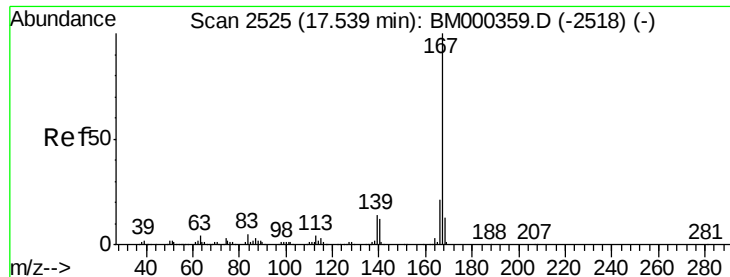


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 9.28 ng/ul

RT: 17.53 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

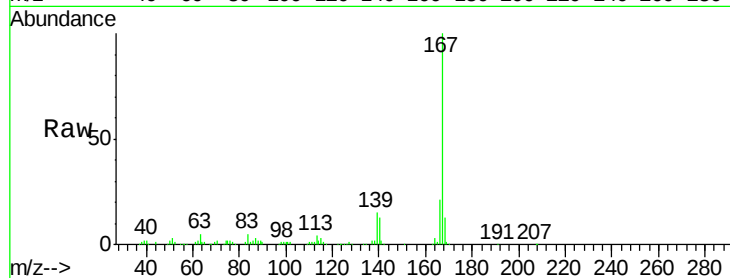
Tgt Ion:167 Resp: 412048

Ion Ratio Lower Upper

167 100

166 21.3 16.6 24.8

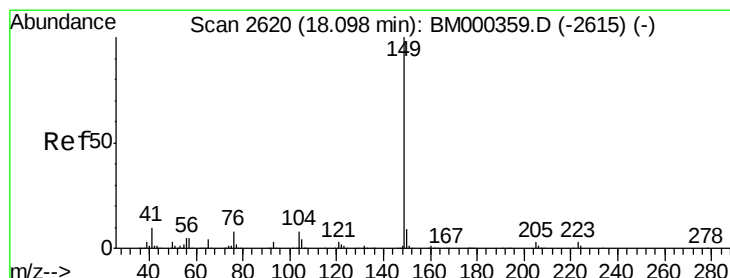
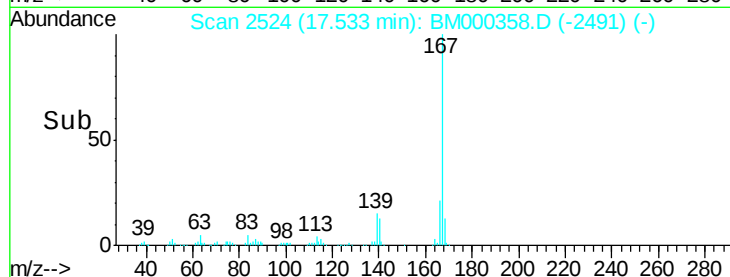
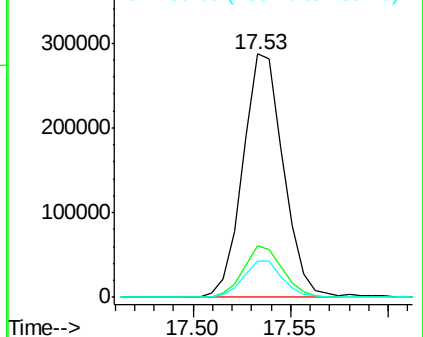
139 14.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 6.79 ng/ul

RT: 18.10 min Scan# 2621

Delta R.T. 0.01 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

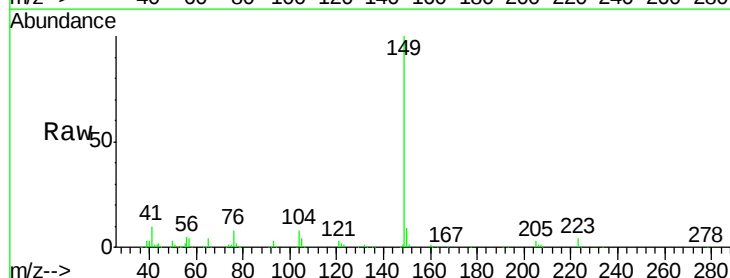
Tgt Ion:149 Resp: 323819

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

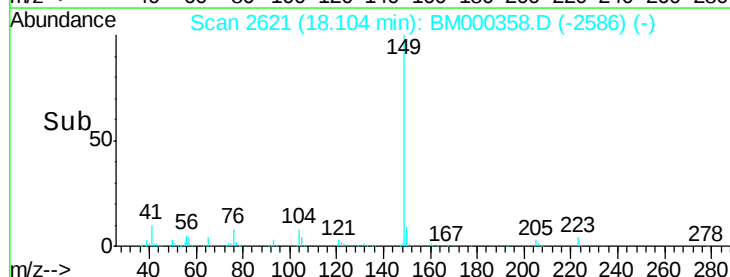
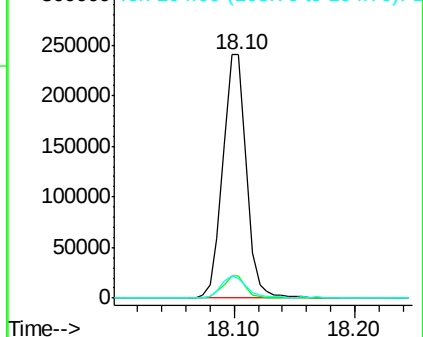
104 8.3 6.5 9.7

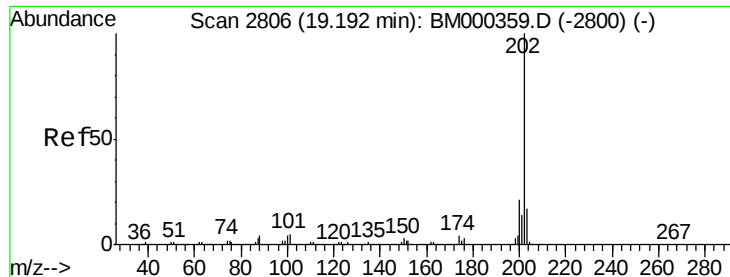


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 9.59 ng/ul

RT: 19.19 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

Instrument :

BNA_M

ClientSampleId :

C0AA5

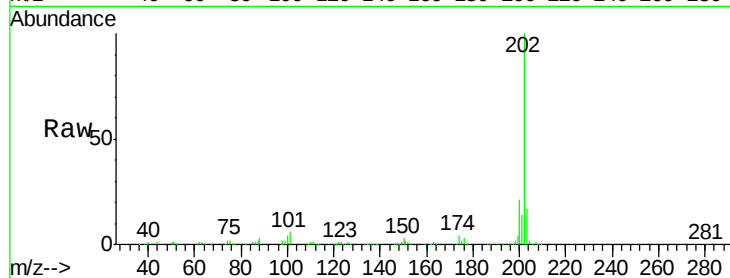
Tgt Ion:202 Resp: 568381

Ion Ratio Lower Upper

202 100

101 5.9 4.2 6.4

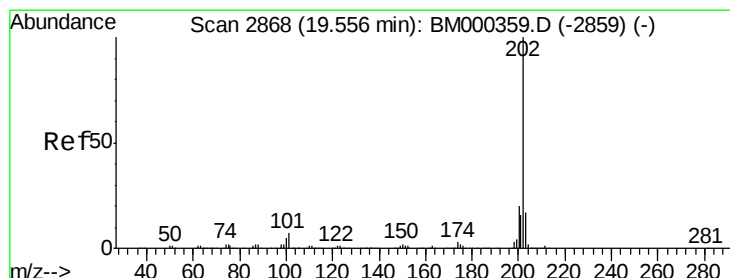
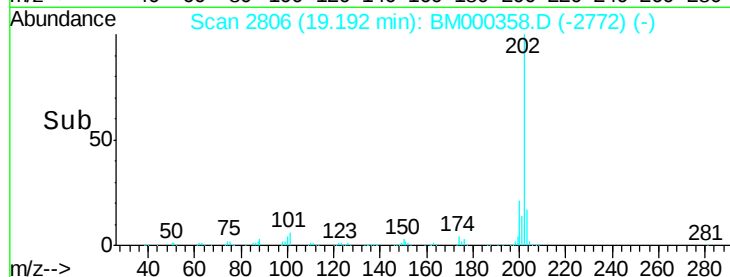
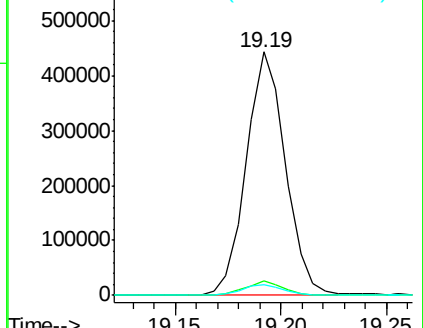
100 4.2 3.3 4.9



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: 10.48 ng/ul

RT: 19.56 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BM000358.D

Acq: 28 Jan 2015 18:47

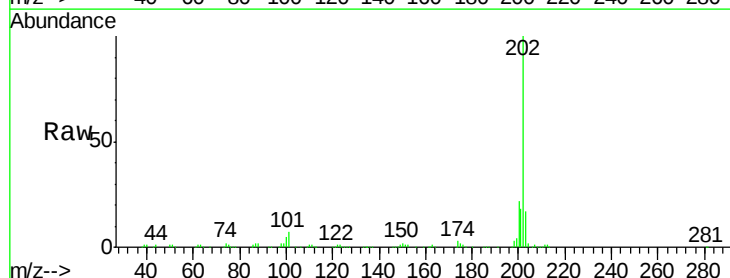
Tgt Ion:202 Resp: 626496

Ion Ratio Lower Upper

202 100

101 7.2 5.6 8.4

100 5.0 4.2 6.4



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

