

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
 Data File : BM001999.D
 Acq On : 21 Jul 2015 23:07
 Operator : TP/UM
 Sample : SSTD02062
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02062

Quant Time: Jul 22 01:14:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 22 00:57:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	86777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	381079	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	195146	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	452404	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	464329	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	345863	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	15437	8.58	ng/uL	0.00
5) Phenol-d5	6.79	99	137338	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	84424	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	107009	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	102468	17.99	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	47276	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	52697	17.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	111482	17.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	125814	19.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	284428	18.34	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	353837	18.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	46152	17.73	ng/ul	0.00
57) Fluorene-d10	15.28	176	272207	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	46120	16.25	ng/ul	0.00
70) Anthracene-d10	17.13	188	368590	17.67	ng/ul	0.00
78) Pyrene-d10	19.43	212	328742	16.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	336925	19.30	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	16755	8.72	ng/uL	100
4) Benzaldehyde	6.77	77	55567	16.34	ng/ul	100
6) Phenol	6.82	94	139498	19.12	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	104075	19.44	ng/ul	100
10) 2-Chlorophenol	7.18	128	110682	19.45	ng/ul	100
11) 2-Methylphenol	8.06	108	101474	18.45	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	101722	16.81	ng/ul	100
14) Acetophenone	8.45	105	163971	18.19	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.43	70	78073	17.16	ng/ul	100
16) 4-Methylphenol	8.39	108	110657	18.41	ng/ul	100
17) Hexachloroethane	8.69	117	42122	18.67	ng/ul	100
20) Nitrobenzene	8.82	77	126366	18.32	ng/ul	100
21) Isophorone	9.34	82	197614	15.82	ng/ul	100
23) 2-Nitrophenol	9.53	139	58188	17.45	ng/ul	100
24) 2,4-Dimethylphenol	9.59	107	127106	17.79	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.83	93	155372	19.69	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	109304	17.92	ng/ul	100
28) Naphthalene	10.46	128	345864	18.21	ng/ul	100
30) 4-Chloroaniline	10.57	127	130684	19.50	ng/ul	100
31) Hexachlorobutadiene	10.74	225	82668	18.65	ng/ul	100
32) Caprolactam	11.33	113	40753	14.73	ng/ul	100
33) 4-Chloro-3-methylphenol	11.71	107	112104	16.95	ng/ul	100
34) 2-Methylnaphthalene	12.08	142	264159	18.65	ng/ul	100

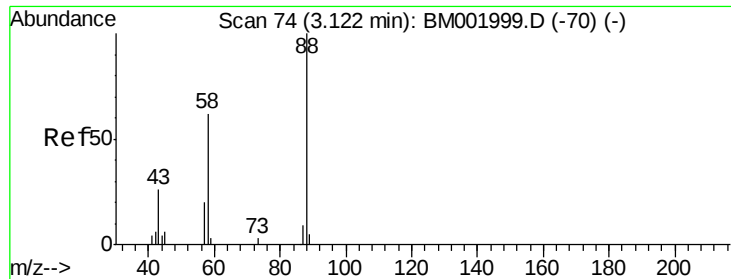
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36) 1,2,4,5-Tetrachlorobenzene	12.46	216	172834	23.48	ng/ul	100
37) Hexachlorocyclopentadiene	12.43	237	84982	20.72	ng/ul	100
38) 2,4,6-Trichlorophenol	12.70	196	88733	20.18	ng/ul	100
39) 2,4,5-Trichlorophenol	12.77	196	86621	18.49	ng/ul	100
40) 1,1'-Biphenyl	13.11	154	312929	19.85	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	242839	19.80	ng/ul	100
42) 2-Nitroaniline	13.36	65	54723	16.56	ng/ul	100
44) Dimethylphthalate	13.74	163	299846	18.87	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	55350	17.31	ng/ul	100
47) Acenaphthylene	14.00	152	365747	19.03	ng/ul	100
48) 3-Nitroaniline	14.20	138	52524	18.21	ng/ul	100
49) Acenaphthene	14.34	153	257732	19.77	ng/ul	100
50) 2,4-Dinitrophenol	14.41	184	28982	15.16	ng/ul	100
52) 4-Nitrophenol	14.50	109	40417	16.98	ng/ul	100
53) Dibenzofuran	14.68	168	349238	18.87	ng/ul	100
54) 2,4-Dinitrotoluene	14.66	165	82561	17.70	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.91	232	77859	18.75	ng/ul	100
56) Diethylphthalate	15.11	149	294260	18.73	ng/ul	100
58) Fluorene	15.33	166	304815	19.50	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	165590	19.51	ng/ul	100
60) 4-Nitroaniline	15.36	138	53276	17.62	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.42	198	49909	16.49	ng/ul	100
64) N-Nitrosodiphenylamine	15.54	169	258585	19.16	ng/ul	100
65) 4-Bromophenyl-phenylether	16.23	248	95067	18.60	ng/ul	100
66) Hexachlorobenzene	16.33	284	101450	17.95	ng/ul	100
67) Atrazine	16.50	200	87498	16.99	ng/ul	100
68) Pentachlorophenol	16.68	266	52432	15.47	ng/ul	100
69) Phenanthrene	17.07	178	450016	18.49	ng/ul	100
71) Anthracene	17.16	178	504195	19.80	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	135253	19.41	ng/uL	100
73) Pentachlorobenzene	14.60	250	135119	19.83	ng/uL	100
74) Carbazole	17.44	167	380655	17.83	ng/ul	100
75) Di-n-butylphthalate	18.00	149	335206	13.67	ng/ul	100
76) Fluoranthene	19.09	202	415569	15.28	ng/ul	100
79) Pyrene	19.46	202	431710	16.16	ng/ul	100
80) Butylbenzylphthalate	20.36	149	184524	17.88	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.14	252	176236	20.14	ng/ul	100
82) Benzo(a)anthracene	21.21	228	542254	19.58	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	292539	18.97	ng/ul	100
84) Chrysene	21.26	228	582799	21.85	ng/ul	100
86) Di-n-octyl phthalate	22.01	149	546837	23.91	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	616260	26.50	ng/ul	100
88) Benzo(k)fluoranthene	22.81	252	550360	25.18	ng/ul	100
90) Benzo(a)pyrene	23.34	252	387220	19.43	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.66	276	436936	20.43	ng/ul	100
92) Dibenzo(a,h)anthracene	25.67	278	372741	20.58	ng/ul	100
93) Benzo(g,h,i)perylene	26.34	276	368123	20.82	ng/ul	100

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



#2

1,4-Dioxane

Concen: 8.72 ng/uL

RT: 3.12 min Scan# 74

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

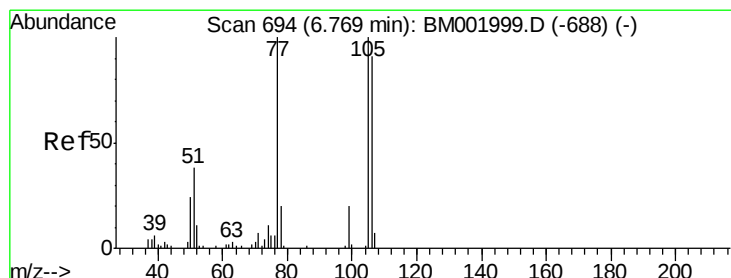
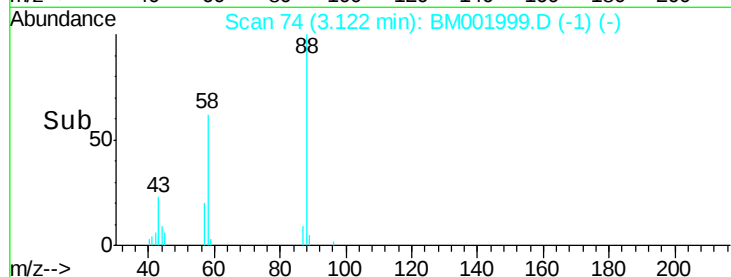
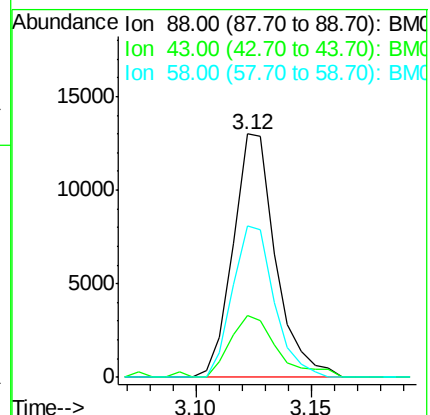
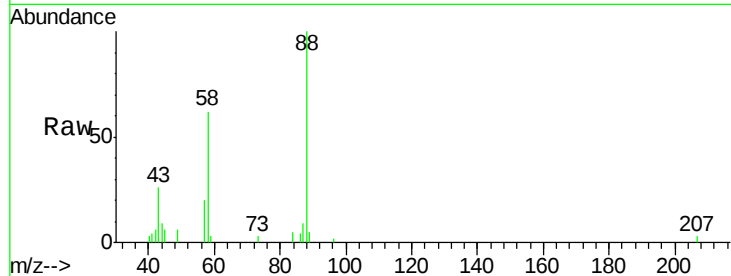
Tgt Ion: 88 Resp: 16755

Ion Ratio Lower Upper

88 100

43 28.1 22.5 33.7

58 60.6 48.5 72.7



#4

Benzaldehyde

Concen: 16.34 ng/uL

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

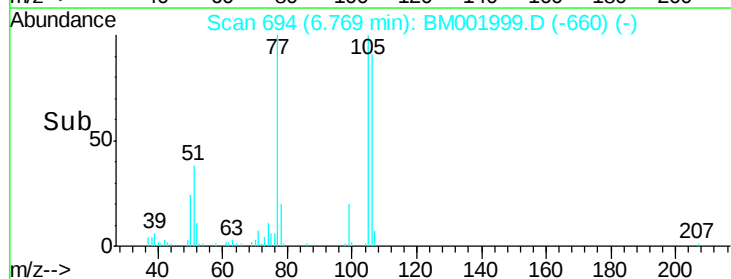
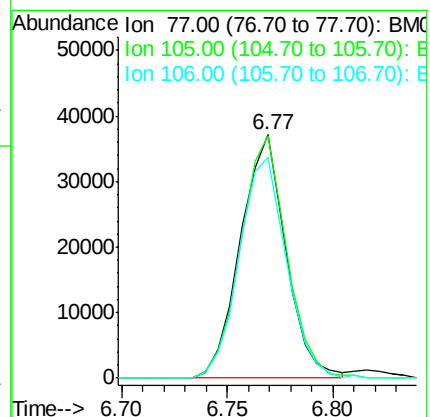
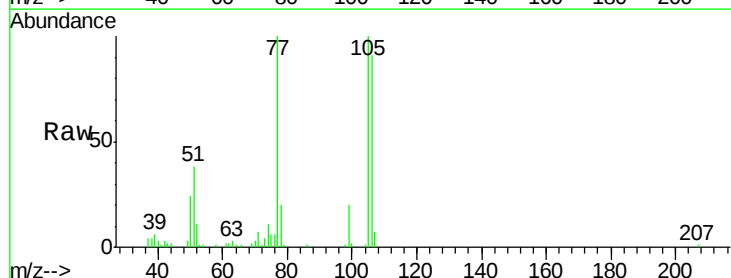
Tgt Ion: 77 Resp: 55567

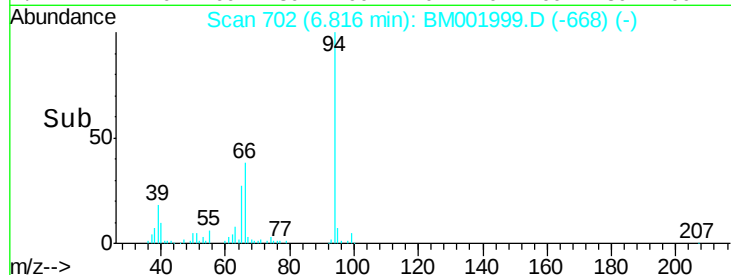
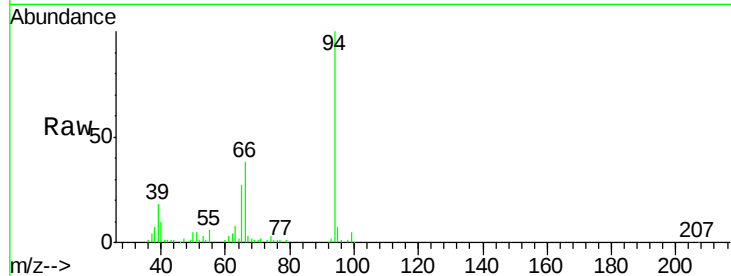
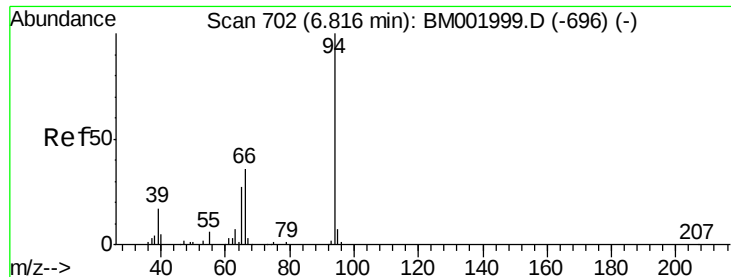
Ion Ratio Lower Upper

77 100

105 99.5 79.6 119.4

106 90.6 72.5 108.7





#6

Phenol

Concen: 19.12 ng/ul

RT: 6.82 min Scan# 702

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

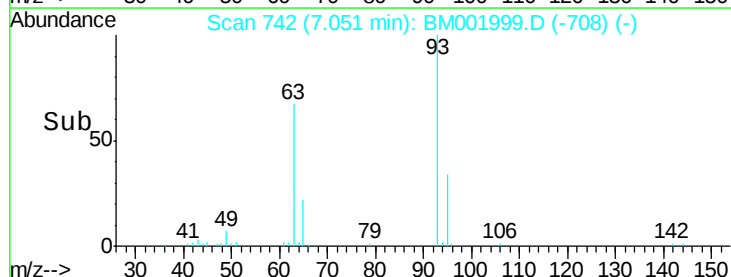
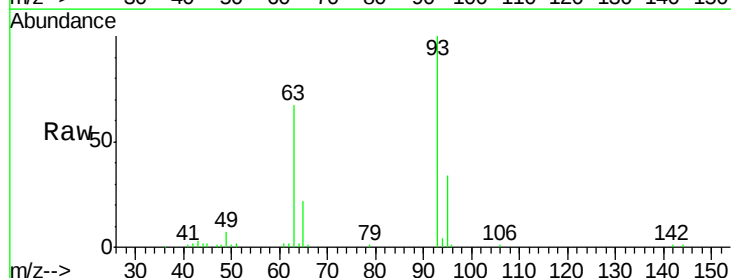
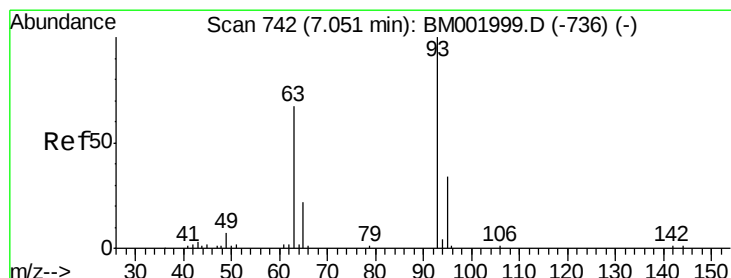
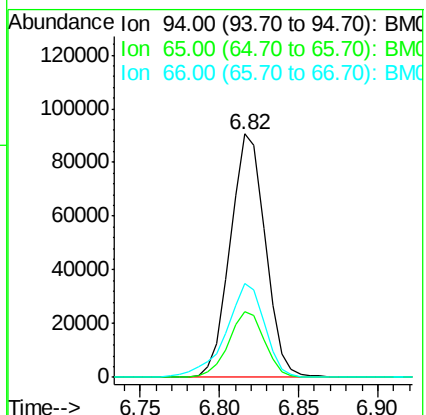
Tgt Ion: 94 Resp: 139498

Ion Ratio Lower Upper

94 100

65 27.2 21.8 32.6

66 38.3 30.6 46.0



#8

Bis(2-Chloroethyl)ether

Concen: 19.44 ng/ul

RT: 7.05 min Scan# 742

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

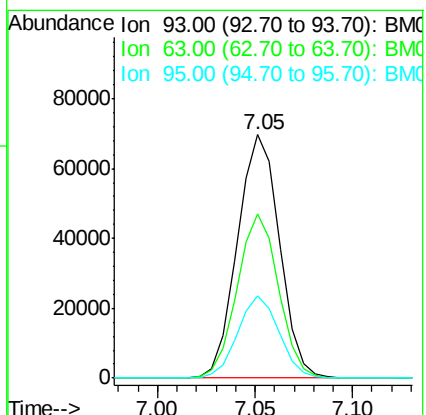
Tgt Ion: 93 Resp: 104075

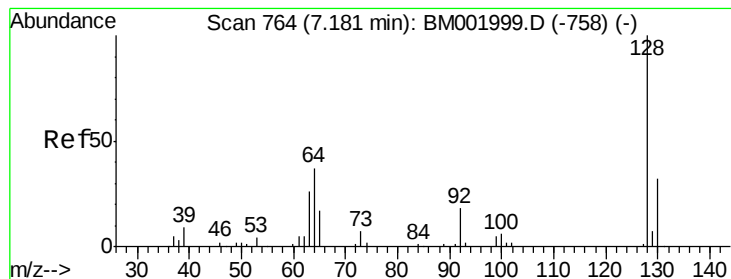
Ion Ratio Lower Upper

93 100

63 67.3 53.8 80.8

95 33.6 26.9 40.3





#10

2-Chlorophenol

Concen: 19.45 ng/ul

RT: 7.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

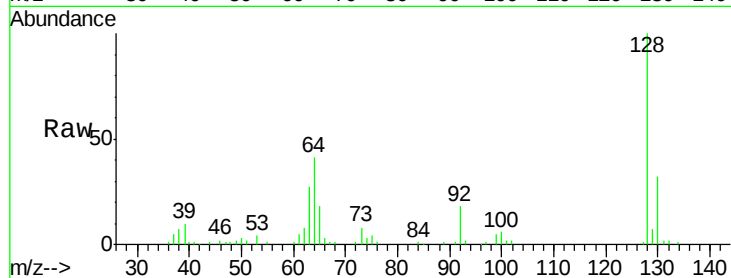
Tgt Ion:128 Resp: 110682

Ion Ratio Lower Upper

128 100

64 41.5 33.2 49.8

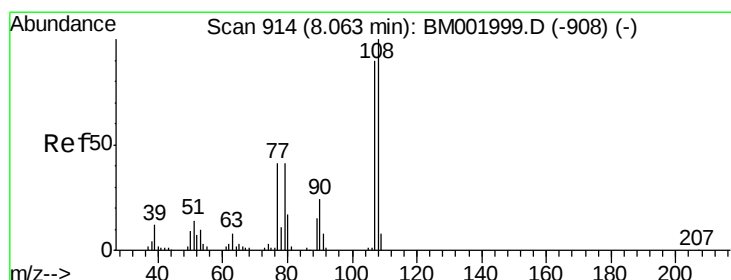
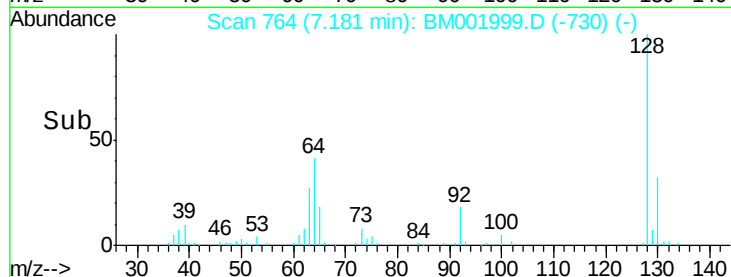
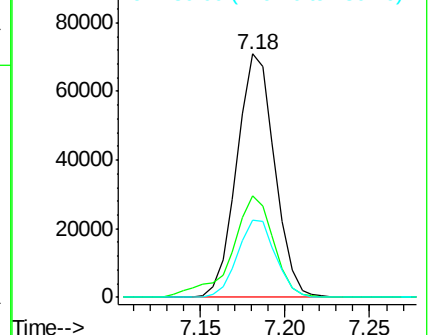
130 31.8 25.4 38.2



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: 18.45 ng/ul

RT: 8.06 min Scan# 914

Delta R.T. 0.00 min

Lab File: BM001999.D

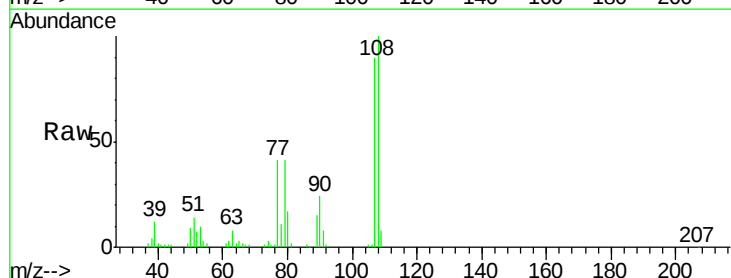
Acq: 21 Jul 2015 23:07

Tgt Ion:108 Resp: 101474

Ion Ratio Lower Upper

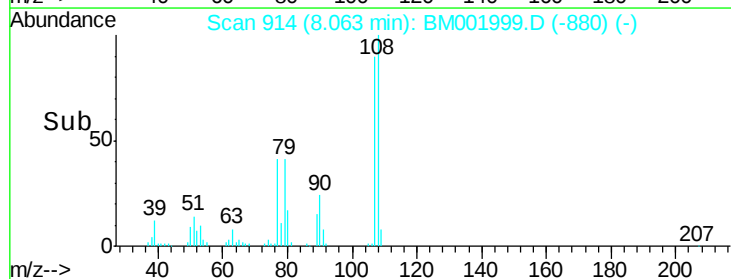
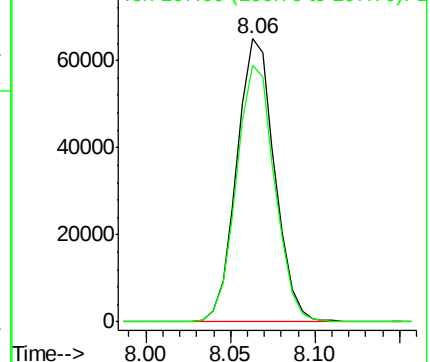
108 100

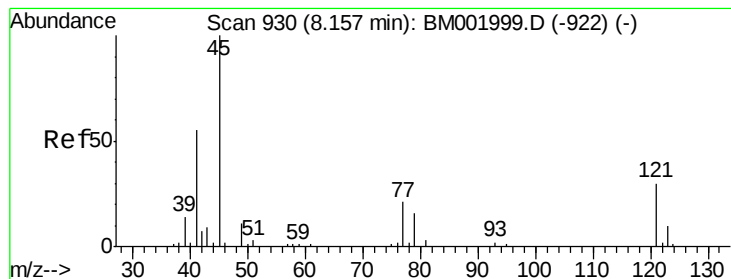
107 90.4 72.3 108.5



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: 16.81 ng/ul

RT: 8.16 min Scan# 930

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

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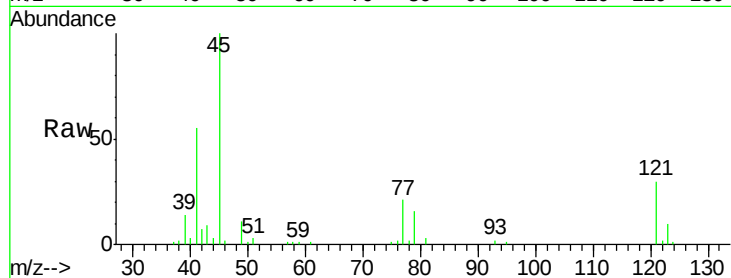
Tgt Ion: 45 Resp: 101722

Ion Ratio Lower Upper

45 100

77 20.6 16.5 24.7

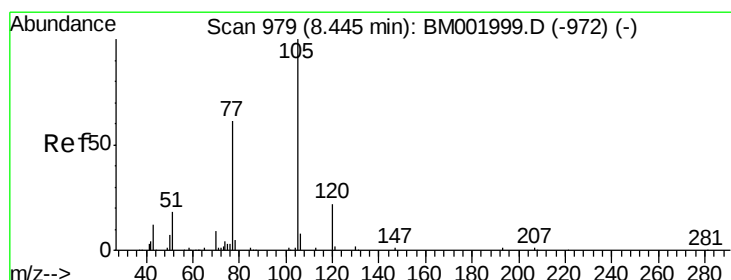
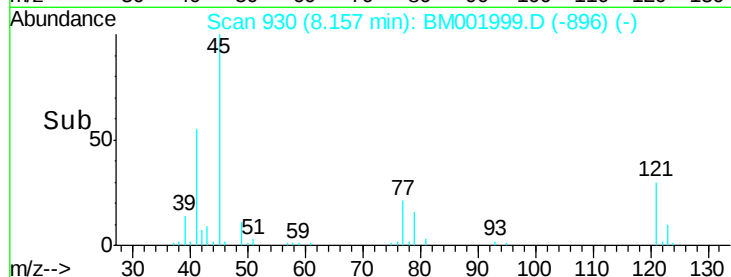
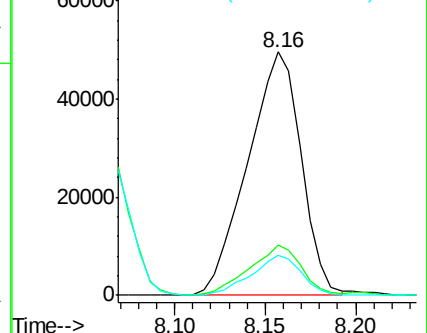
79 16.2 13.0 19.4



Abundance Ion 45.00 (44.70 to 45.70): BM001999.D (-922) (-)

Ion 77.00 (76.70 to 77.70): BM001999.D (-922) (-)

Ion 79.00 (78.70 to 79.70): BM001999.D (-922) (-)



#14

Acetophenone

Concen: 18.19 ng/ul

RT: 8.45 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

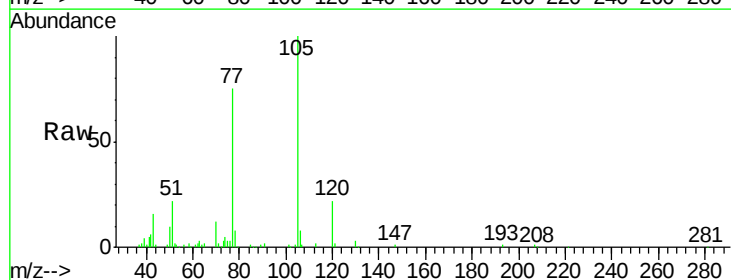
Tgt Ion: 105 Resp: 163971

Ion Ratio Lower Upper

105 100

77 74.5 59.6 89.4

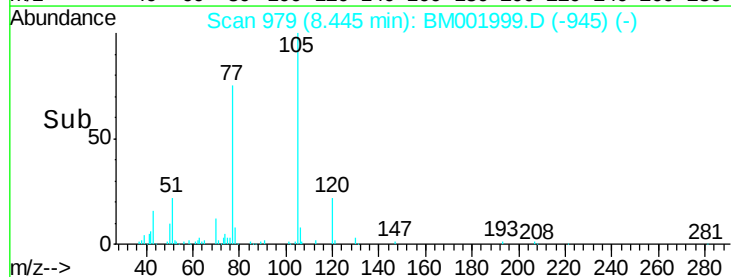
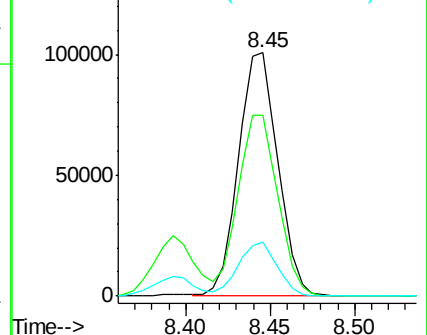
51 22.0 17.6 26.4

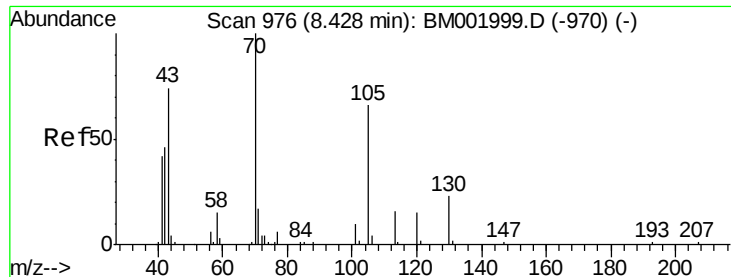


Abundance Ion 105.00 (104.70 to 105.70): BM001999.D (-972) (-)

Ion 77.00 (76.70 to 77.70): BM001999.D (-972) (-)

Ion 51.00 (50.70 to 51.70): BM001999.D (-972) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 17.16 ng/ul

RT: 8.43 min Scan# 976

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

Tgt Ion: 70 Resp: 78073

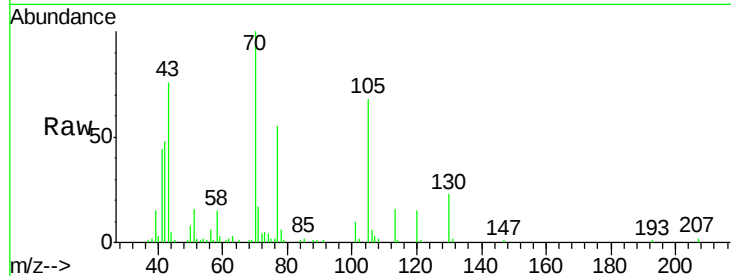
Ion Ratio Lower Upper

70 100

42 47.7 38.2 57.2

101 10.1 8.1 12.1

130 23.1 18.5 27.7

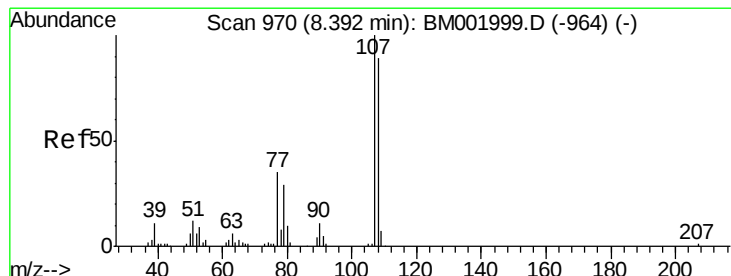
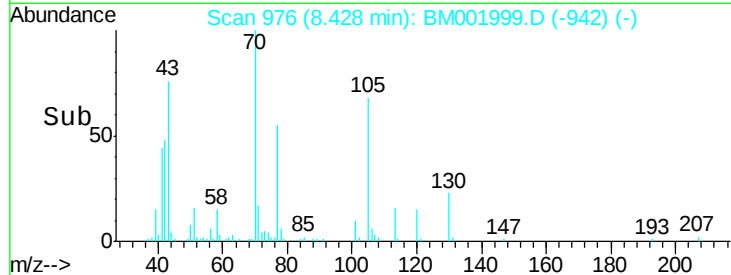
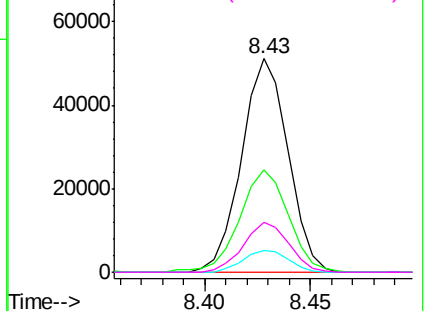


Abundance Ion 70.00 (69.70 to 70.70): BM001999.D (-970) (-)

Ion 42.00 (41.70 to 42.70): BM001999.D (-970) (-)

Ion 101.00 (100.70 to 101.70): BM001999.D (-970) (-)

Ion 130.00 (129.70 to 130.70): BM001999.D (-970) (-)



#16

4-Methylphenol

Concen: 18.41 ng/ul

RT: 8.39 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM001999.D

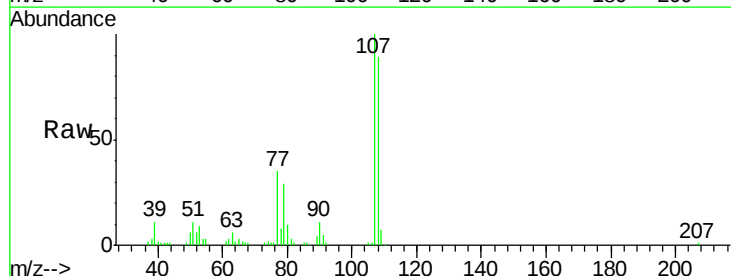
Acq: 21 Jul 2015 23:07

Tgt Ion: 108 Resp: 110657

Ion Ratio Lower Upper

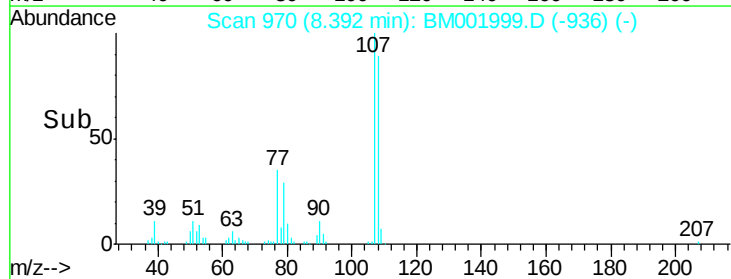
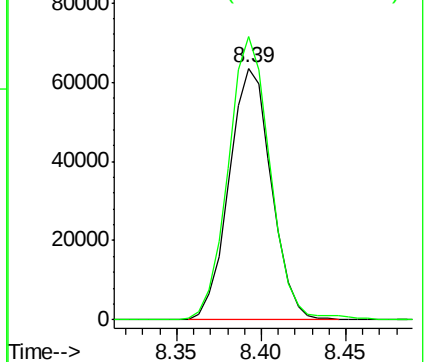
108 100

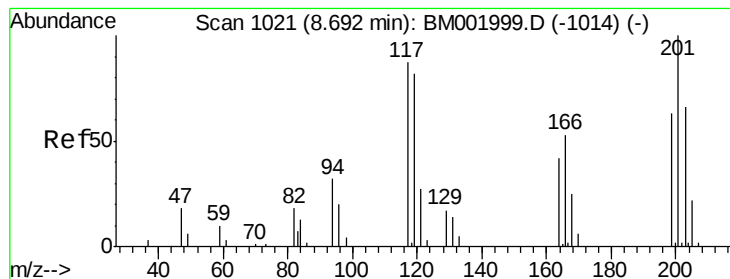
107 112.5 90.0 135.0



Abundance Ion 108.00 (107.70 to 108.70): BM001999.D (-964) (-)

Ion 107.00 (106.70 to 107.70): BM001999.D (-964) (-)

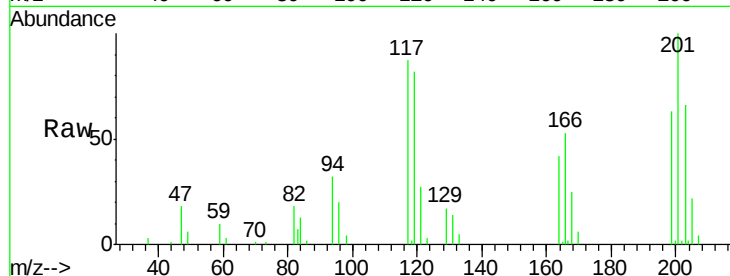




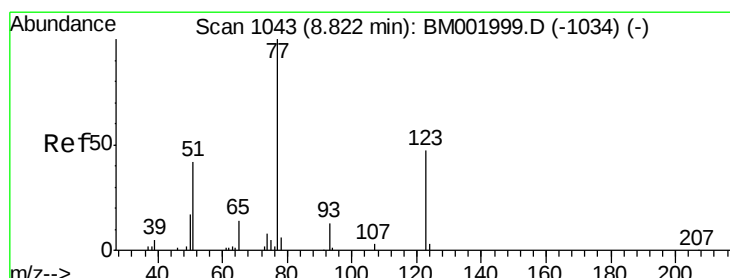
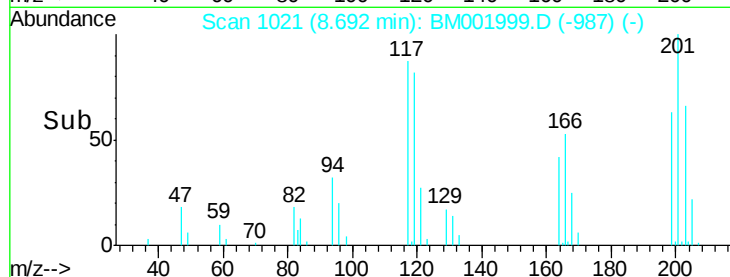
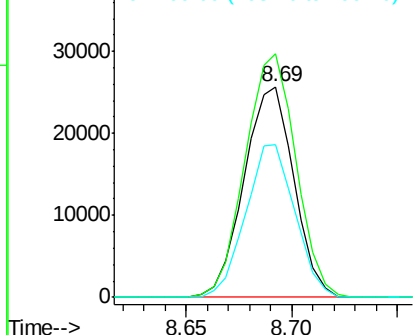
#17
Hexachloroethane
Concen: 18.67 ng/ul
RT: 8.69 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion: 117 Resp: 42122
Ion Ratio Lower Upper
117 100
201 115.5 92.4 138.6
199 74.5 59.6 89.4

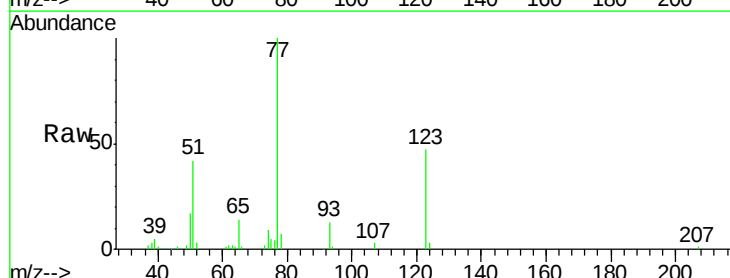


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

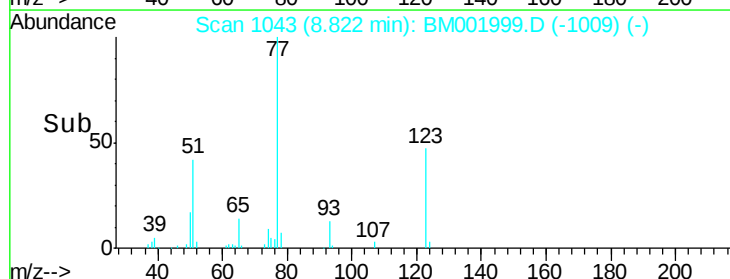
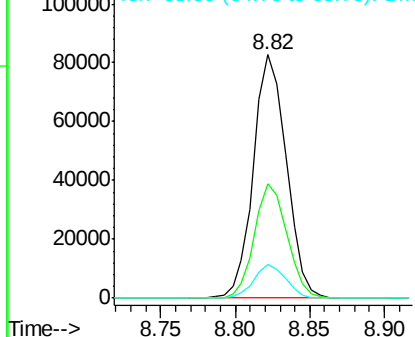


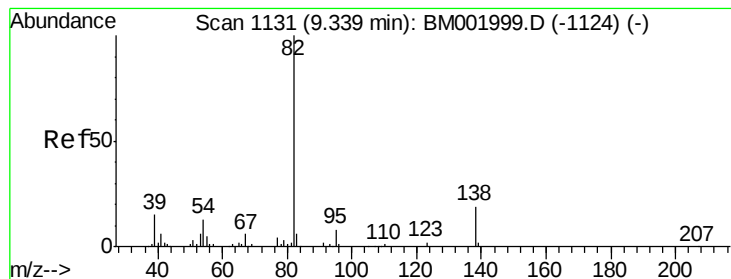
#20
Nitrobenzene
Concen: 18.32 ng/ul
RT: 8.82 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Tgt Ion: 77 Resp: 126366
Ion Ratio Lower Upper
77 100
123 46.8 37.4 56.2
65 13.7 11.0 16.4



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: 15.82 ng/ul

RT: 9.34 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

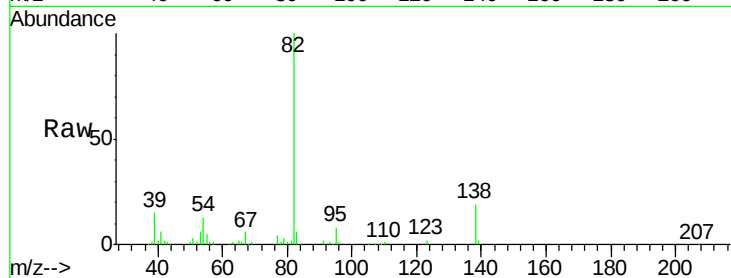
Tgt Ion: 82 Resp: 197614

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

138 18.9 15.1 22.7

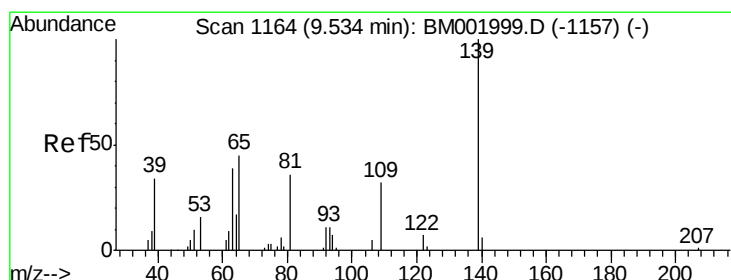
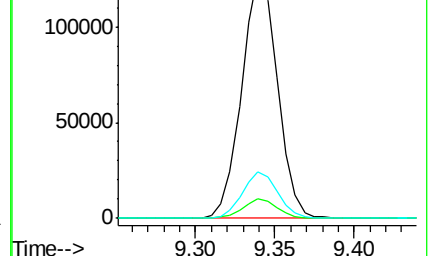
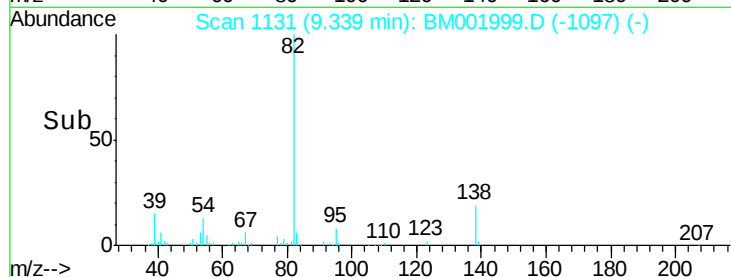


Abundance Ion 82.00 (81.70 to 82.70): BM001999.D (-1124) (-)

Ion 95.00 (94.70 to 95.70): BM001999.D (-1124) (-)

Ion 138.00 (137.70 to 138.70): BM001999.D (-1124) (-)

Time-->



#23

2-Nitrophenol

Concen: 17.45 ng/ul

RT: 9.53 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

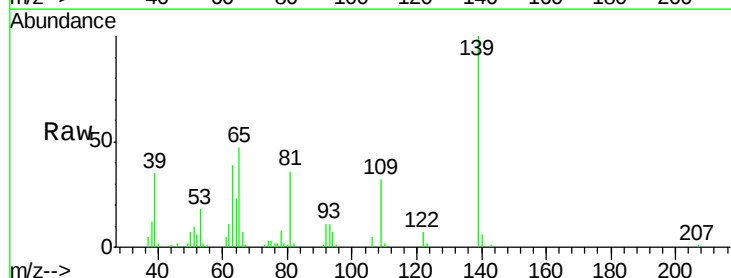
Tgt Ion: 139 Resp: 58188

Ion Ratio Lower Upper

139 100

65 47.1 37.7 56.5

109 32.3 25.8 38.8

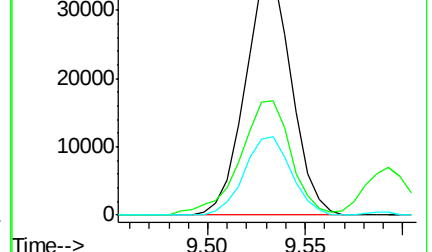
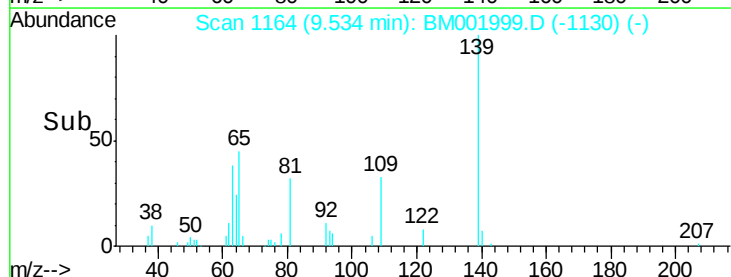


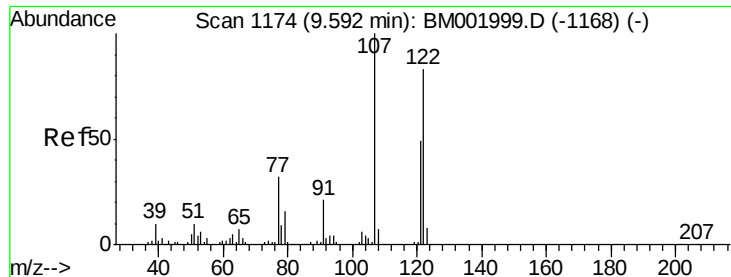
Abundance Ion 139.00 (138.70 to 139.70): BM001999.D (-1157) (-)

Ion 65.00 (64.70 to 65.70): BM001999.D (-1157) (-)

Ion 109.00 (108.70 to 109.70): BM001999.D (-1157) (-)

Time-->





#24

2,4-Dimethylphenol

Concen: 17.79 ng/ul

RT: 9.59 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

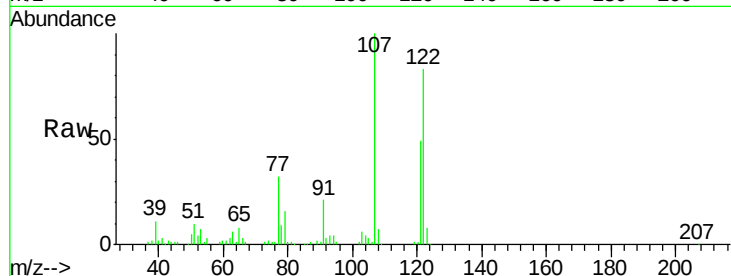
Tgt Ion: 107 Resp: 127106

Ion Ratio Lower Upper

107 100

121 48.7 39.0 58.4

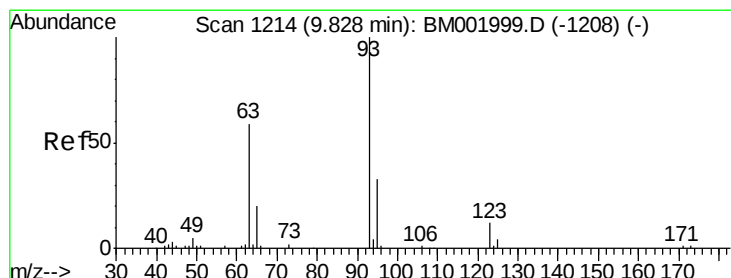
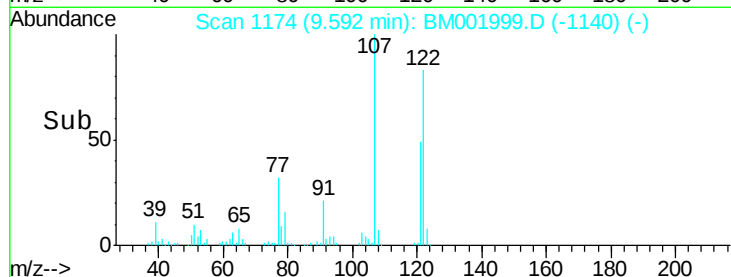
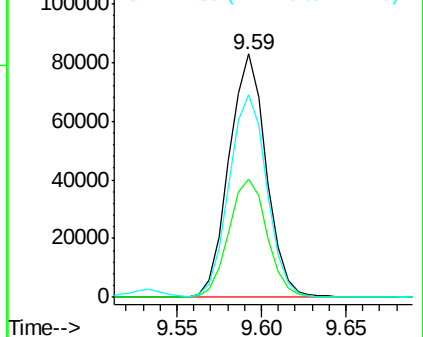
122 83.2 66.6 99.8



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: 19.69 ng/ul

RT: 9.83 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

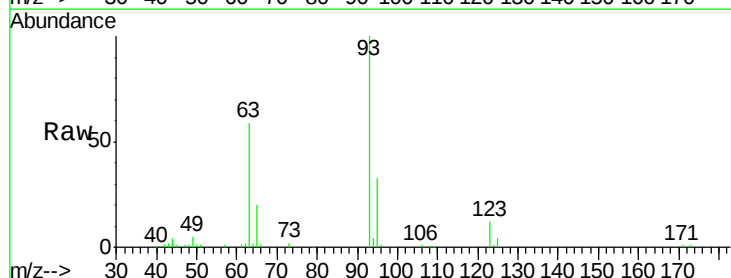
Tgt Ion: 93 Resp: 155372

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

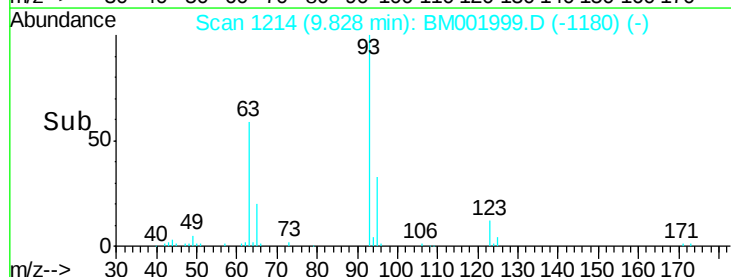
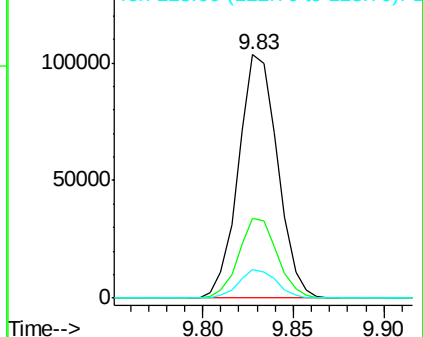
123 11.7 9.4 14.0

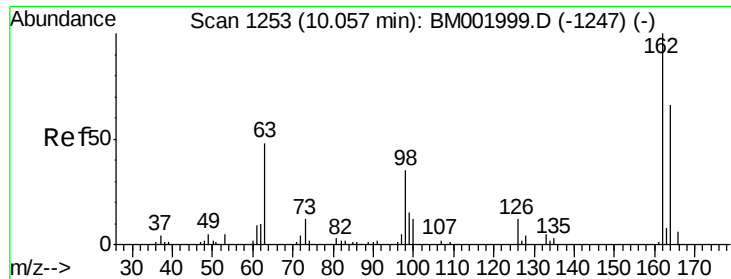


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

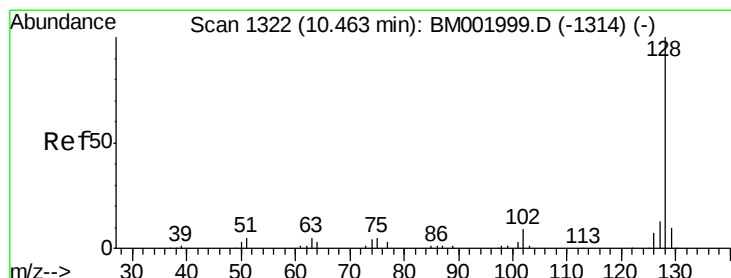
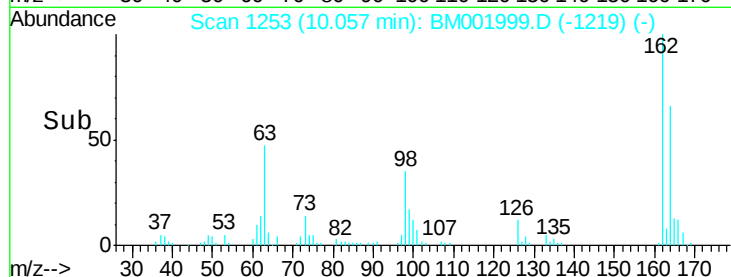
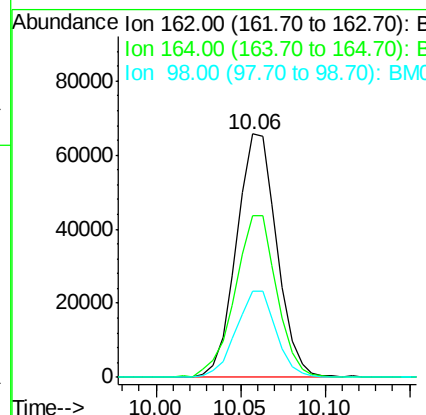
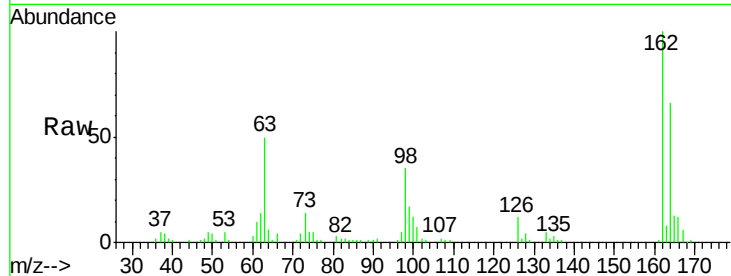




#27
2,4-Dichlorophenol
Concen: 17.92 ng/ul
RT: 10.06 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

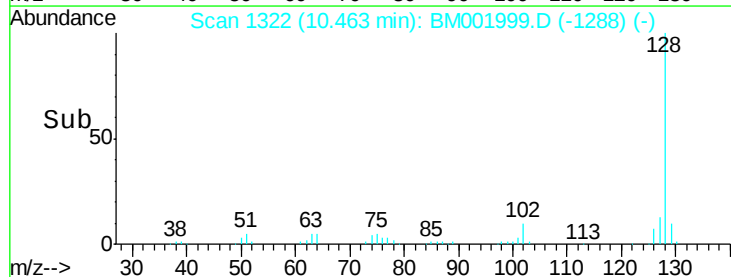
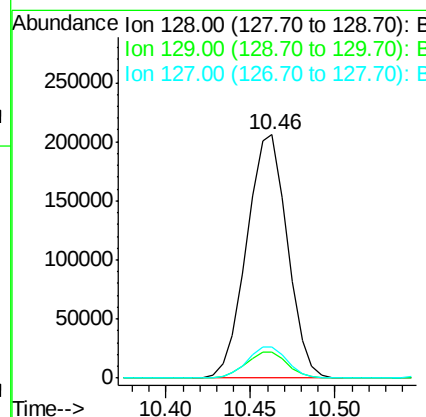
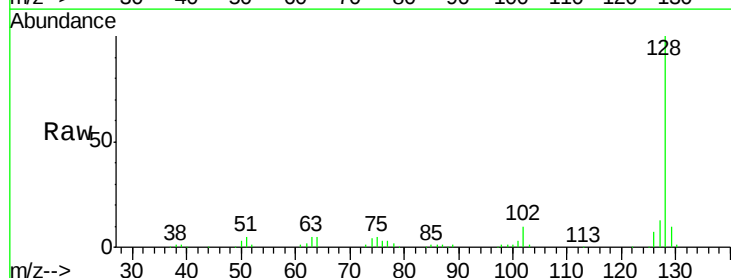
Instrument :
BNA_M
ClientSampleId :
SSTD02062

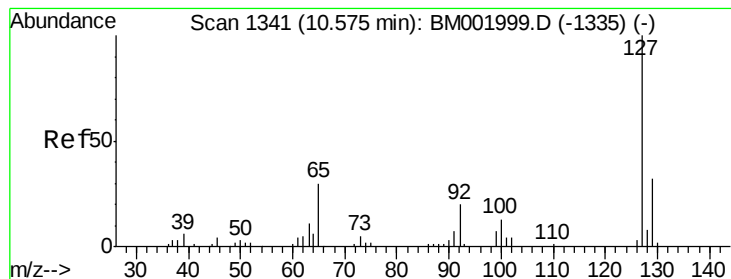
Tgt Ion:162 Resp: 109304
Ion Ratio Lower Upper
162 100
164 66.4 53.1 79.7
98 35.3 28.2 42.4



#28
Naphthalene
Concen: 18.21 ng/ul
RT: 10.46 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Tgt Ion:128 Resp: 345864
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.9 10.3 15.5





#30

4-Chloroaniline

Concen: 19.50 ng/ul

RT: 10.57 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

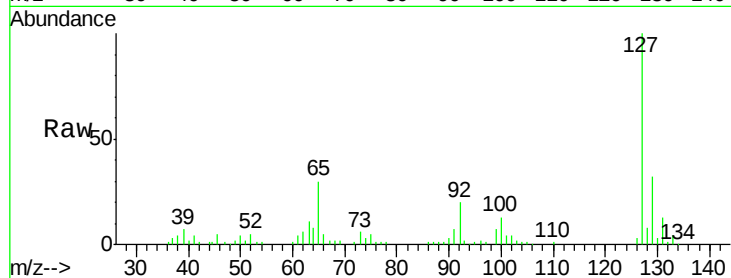
SSTD02062

Tgt Ion:127 Resp: 130684

Ion Ratio Lower Upper

127 100

129 32.0 25.6 38.4



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

80000

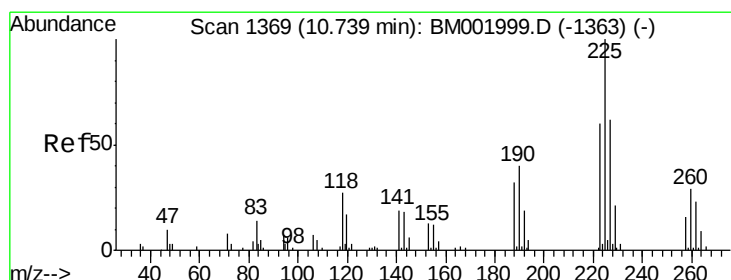
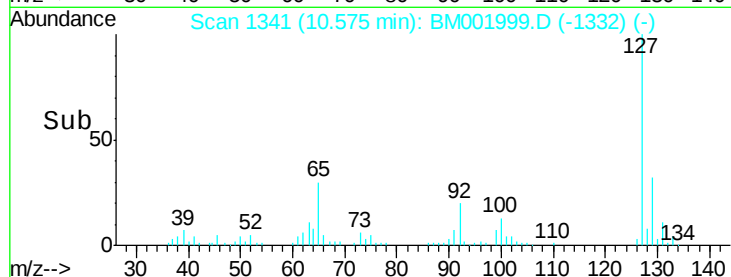
60000

40000

20000

0

Time-->



#31

Hexachlorobutadiene

Concen: 18.65 ng/ul

RT: 10.74 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

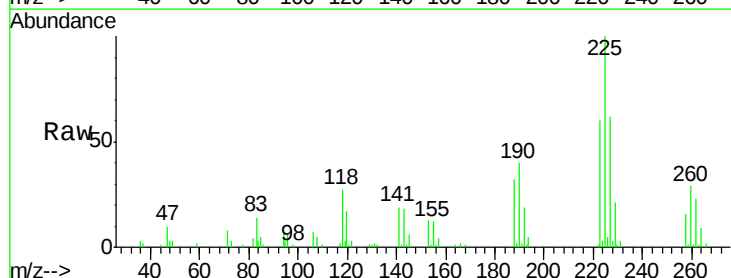
Tgt Ion:225 Resp: 82668

Ion Ratio Lower Upper

225 100

223 60.0 48.0 72.0

227 62.4 49.9 74.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

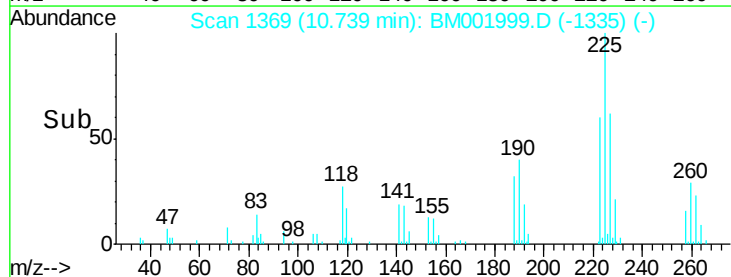
60000

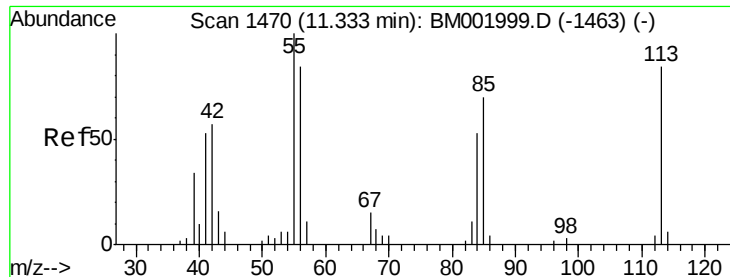
40000

20000

0

Time-->





#32

Caprolactam

Concen: 14.73 ng/ul

RT: 11.33 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

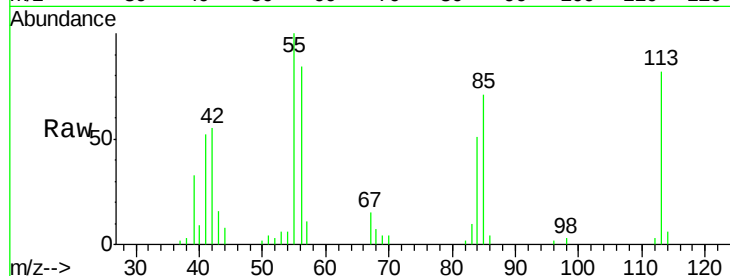
Tgt Ion:113 Resp: 40753

Ion Ratio Lower Upper

113 100

55 122.2 97.8 146.6

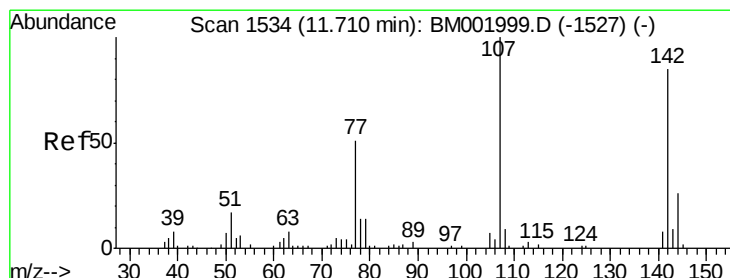
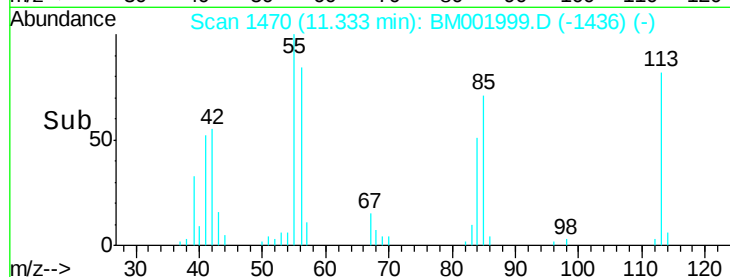
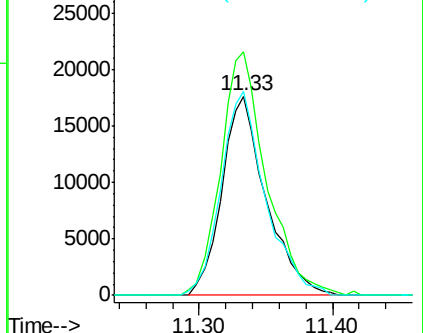
56 102.2 81.8 122.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 16.95 ng/ul

RT: 11.71 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

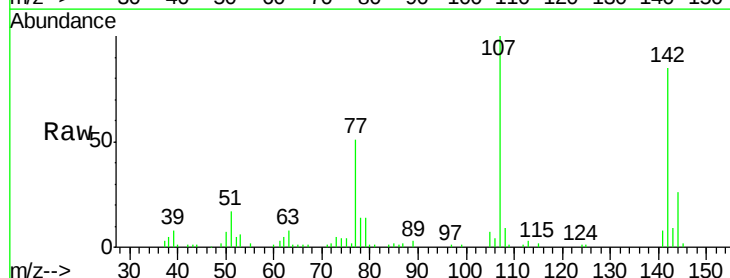
Tgt Ion:107 Resp: 112104

Ion Ratio Lower Upper

107 100

144 25.7 20.6 30.8

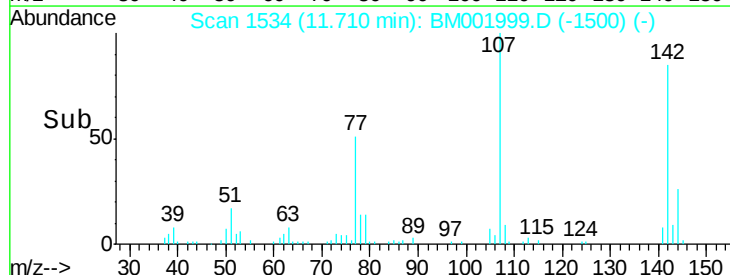
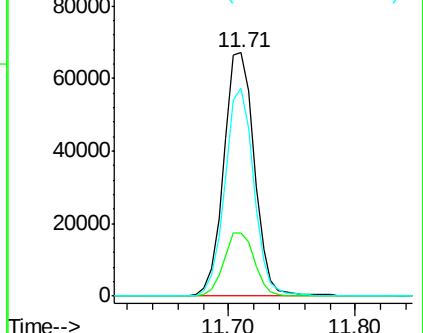
142 85.4 68.3 102.5

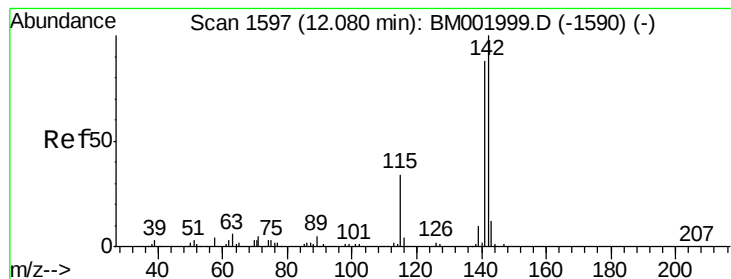


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 18.65 ng/u1

RT: 12.08 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

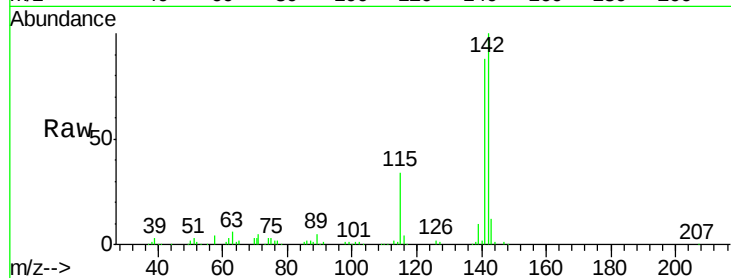
SSTD02062

Tgt Ion:142 Resp: 264159

Ion Ratio Lower Upper

142 100

141 87.5 70.0 105.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.08

200000

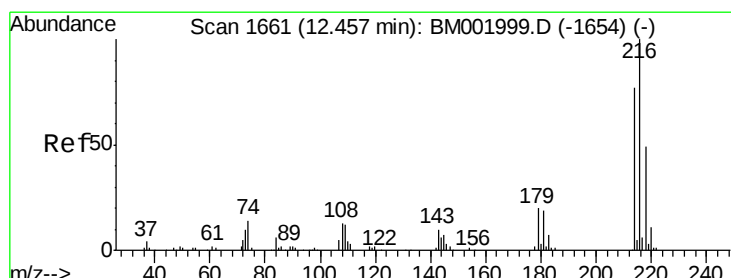
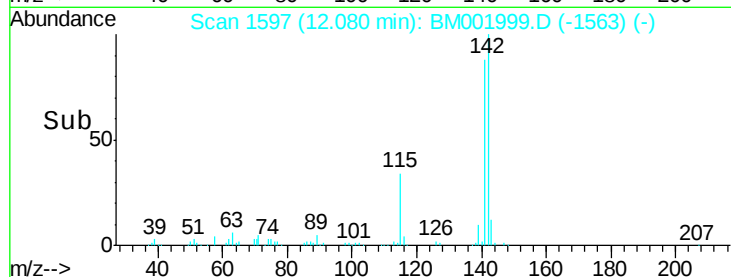
150000

100000

50000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 23.48 ng/u1

RT: 12.46 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Tgt Ion:216 Resp: 172834

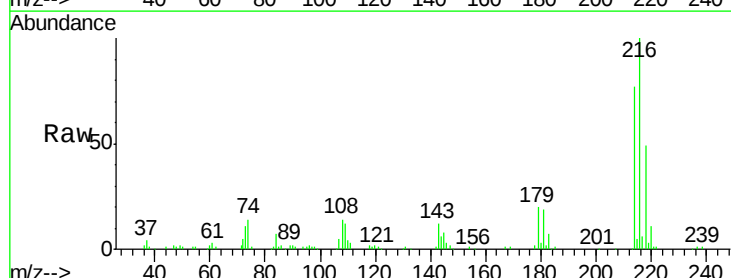
Ion Ratio Lower Upper

216 100

214 77.2 61.8 92.6

179 20.0 16.0 24.0

108 14.1 11.3 16.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.46

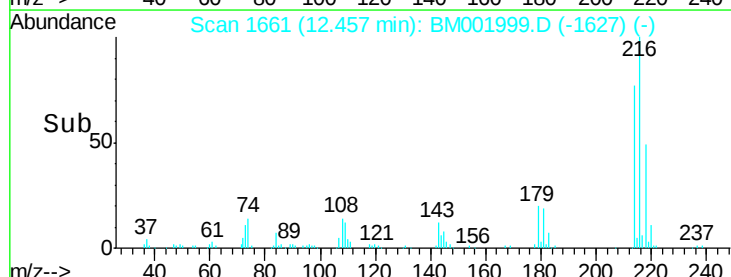
150000

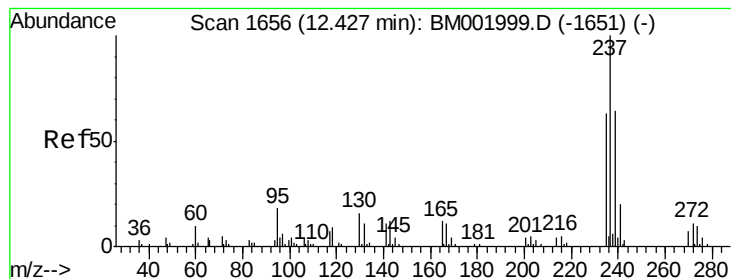
100000

50000

0

Time-->





#37

Hexachlorocyclopentadiene

Concen: 20.72 ng/ul

RT: 12.43 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

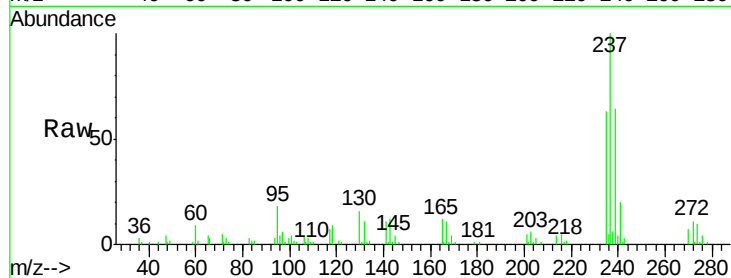
Tgt Ion:237 Resp: 84982

Ion Ratio Lower Upper

237 100

235 62.9 50.3 75.5

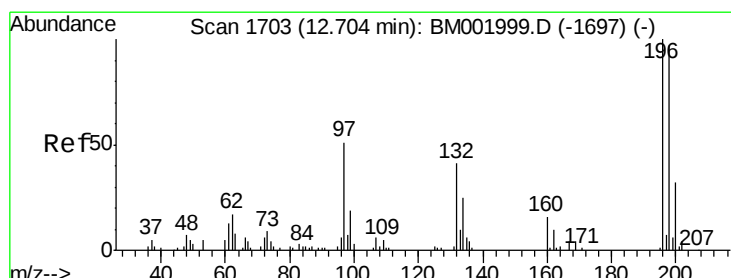
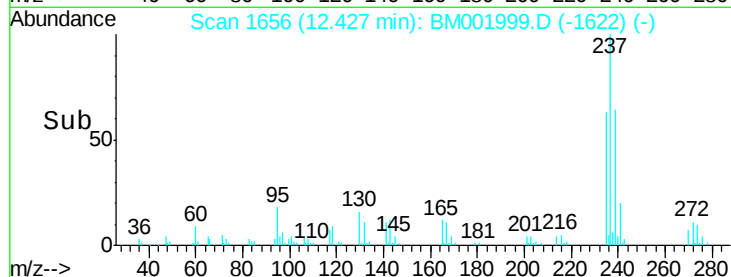
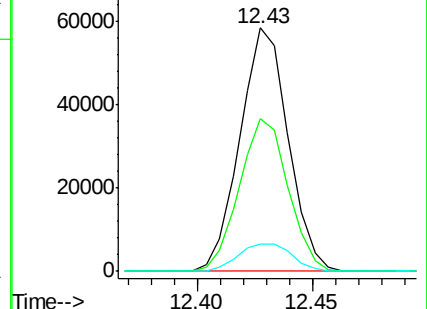
272 11.4 9.1 13.7



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: 20.18 ng/ul

RT: 12.70 min Scan# 1703

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

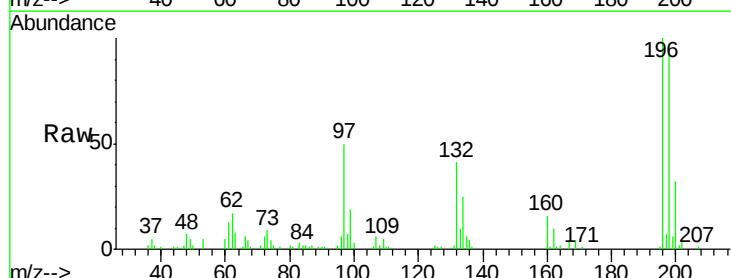
Tgt Ion:196 Resp: 88733

Ion Ratio Lower Upper

196 100

198 97.2 77.8 116.6

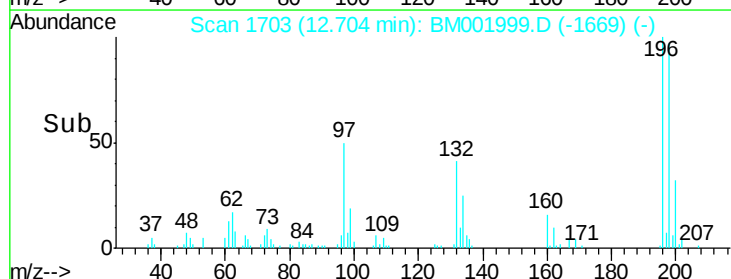
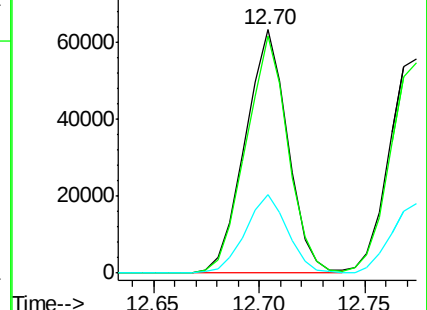
200 32.2 25.8 38.6

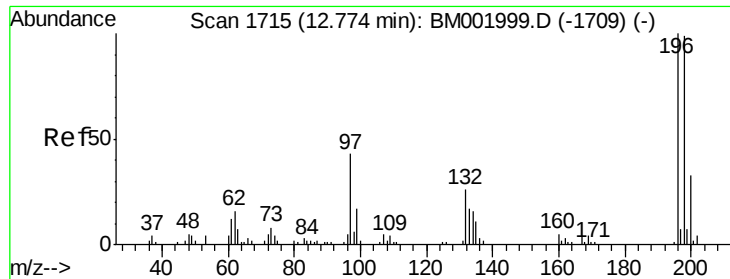


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

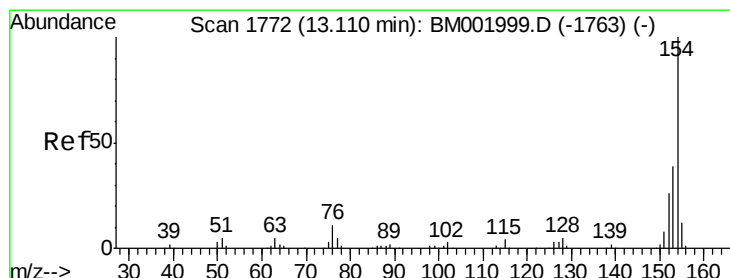
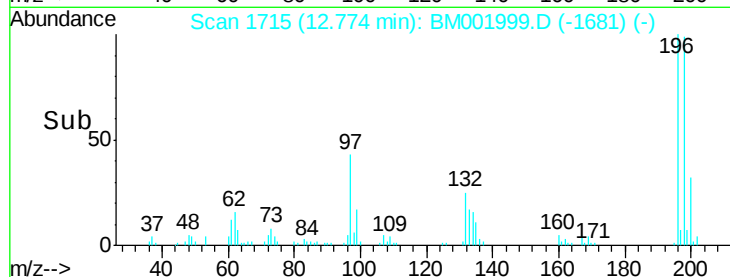
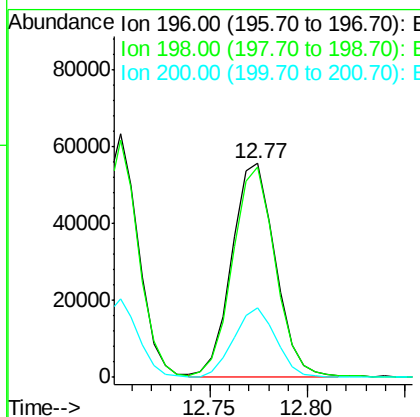
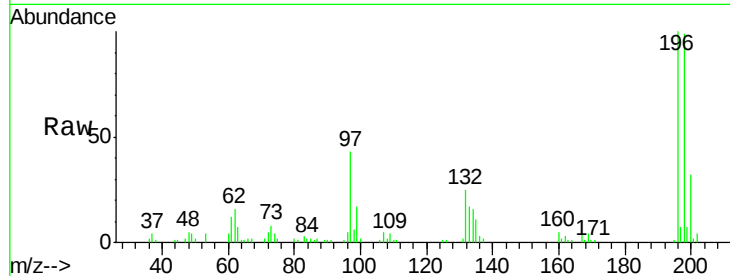




#39
 2,4,5-Trichlorophenol
 Concen: 18.49 ng/ul
 RT: 12.77 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

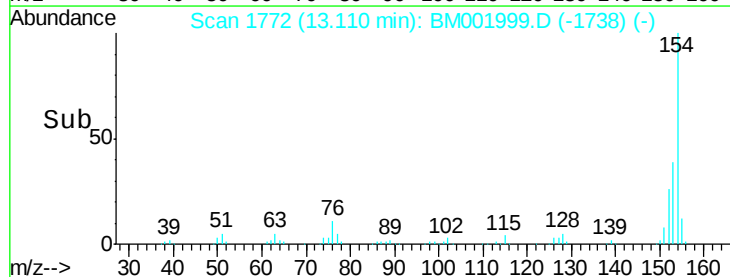
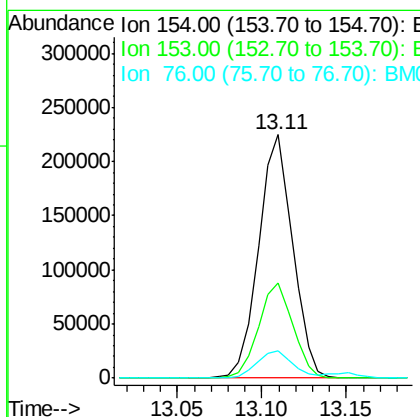
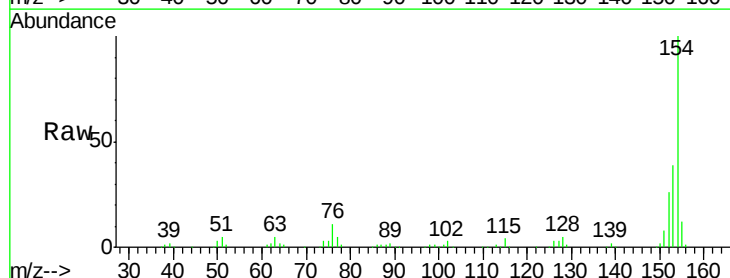
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02062

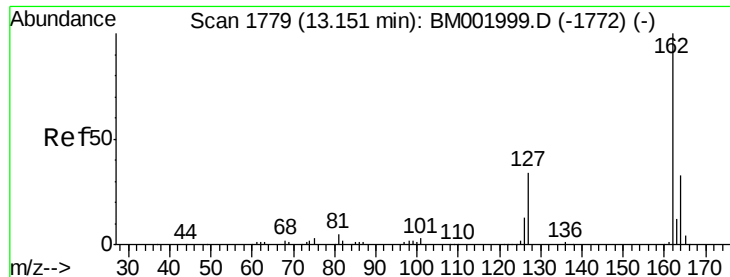
Tgt Ion:196 Resp: 86621
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.9 118.3
 200 32.4 25.9 38.9



#40
 1,1'-Biphenyl
 Concen: 19.85 ng/ul
 RT: 13.11 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

Tgt Ion:154 Resp: 312929
 Ion Ratio Lower Upper
 154 100
 153 39.0 31.2 46.8
 76 11.0 8.8 13.2

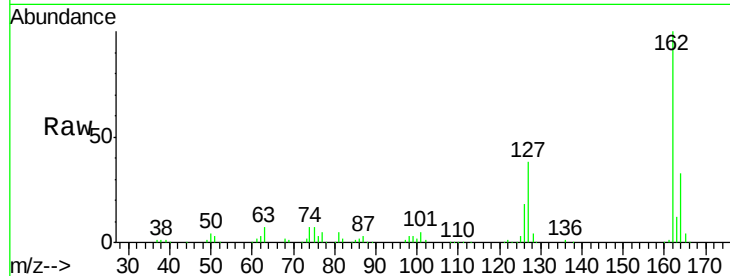




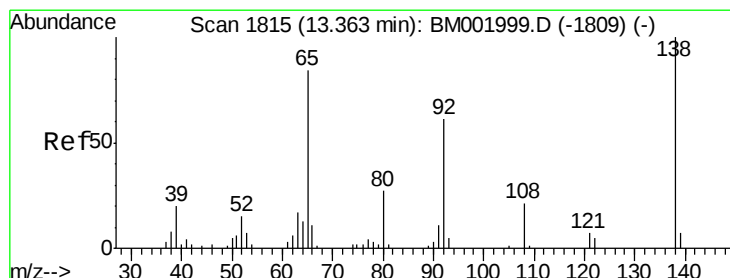
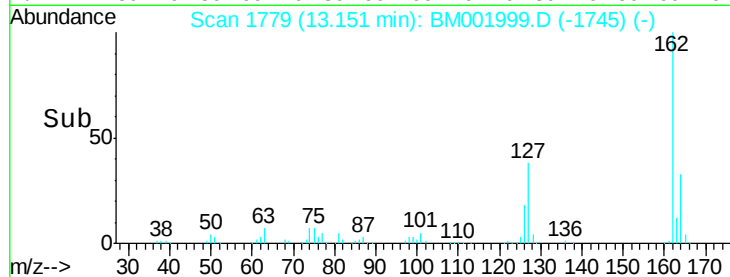
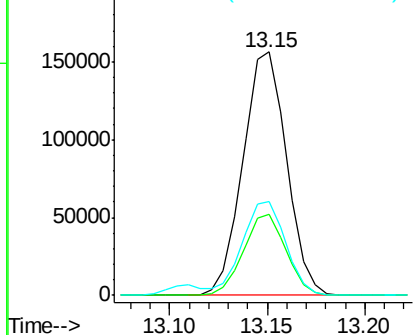
#41
 2-Chloronaphthalene
 Concen: 19.80 ng/ul
 RT: 13.15 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02062

Tgt Ion: 162 Resp: 242839
 Ion Ratio Lower Upper
 162 100
 164 33.4 26.7 40.1
 127 38.5 30.8 46.2

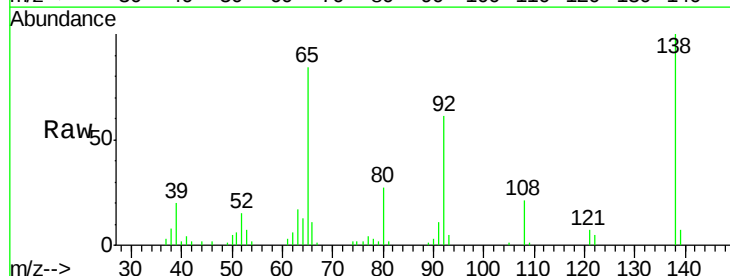


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

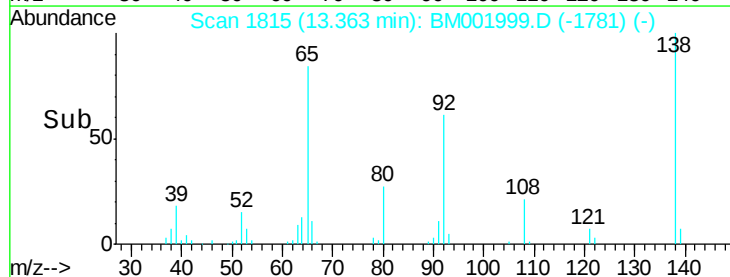
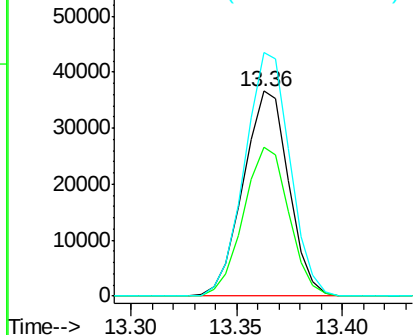


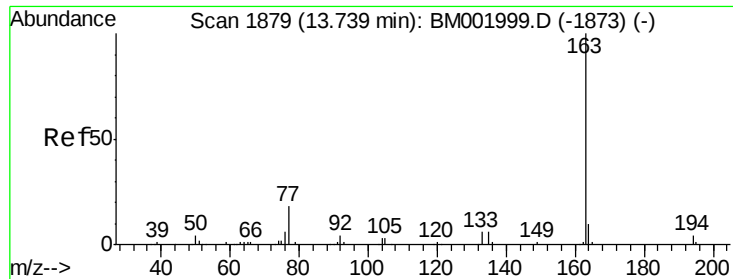
#42
 2-Nitroaniline
 Concen: 16.56 ng/ul
 RT: 13.36 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

Tgt Ion: 65 Resp: 54723
 Ion Ratio Lower Upper
 65 100
 92 72.7 58.2 87.2
 138 118.8 95.0 142.6



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E

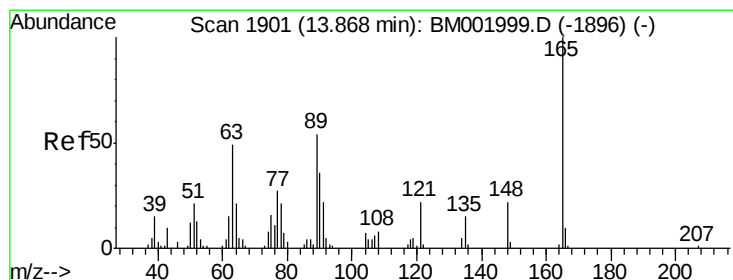
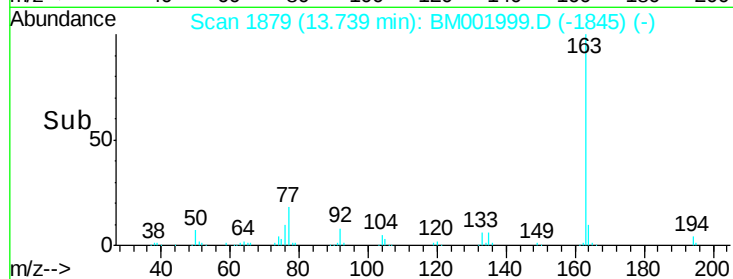
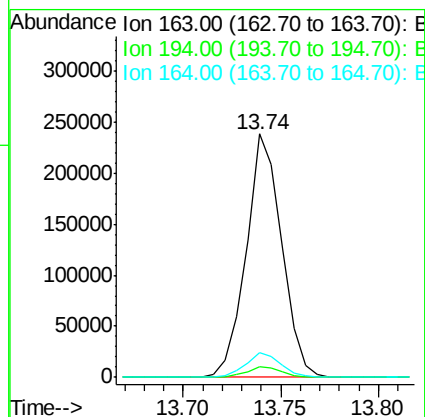
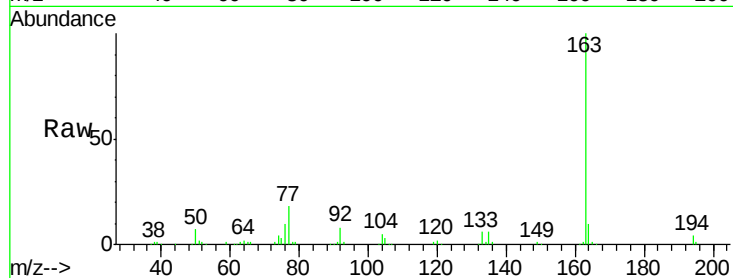




#44
Dimethylphthalate
Concen: 18.87 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

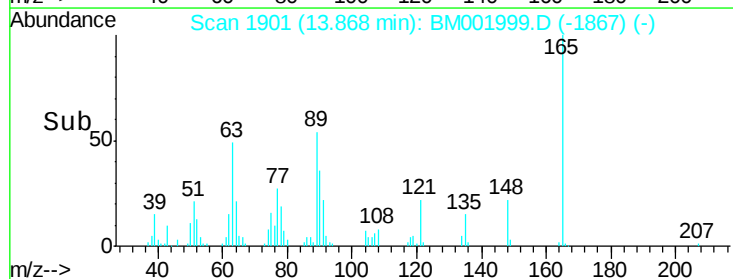
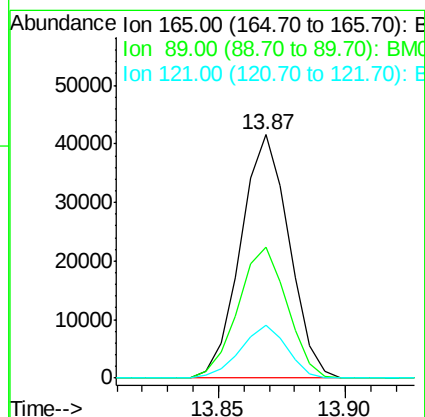
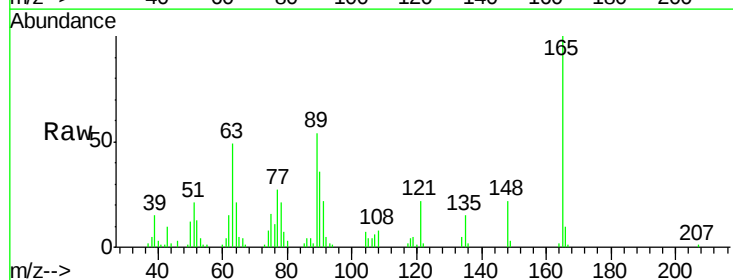
Instrument :
BNA_M
ClientSampleId :
SSTD02062

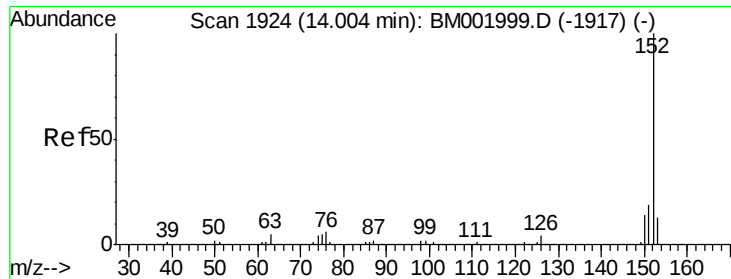
Tgt Ion:163 Resp: 299846
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 17.31 ng/ul
RT: 13.87 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Tgt Ion:165 Resp: 55350
Ion Ratio Lower Upper
165 100
89 54.0 43.2 64.8
121 21.5 17.2 25.8





#47

Acenaphthylene

Concen: 19.03 ng/ul

RT: 14.00 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

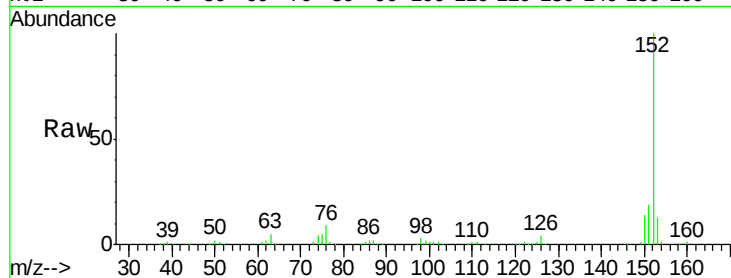
Tgt Ion:152 Resp: 365747

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8

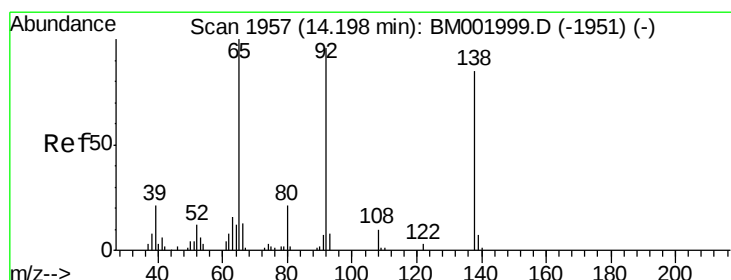
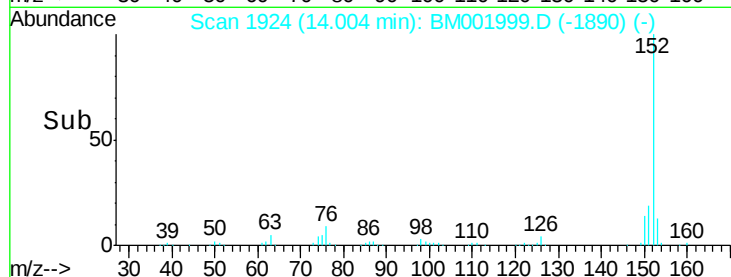
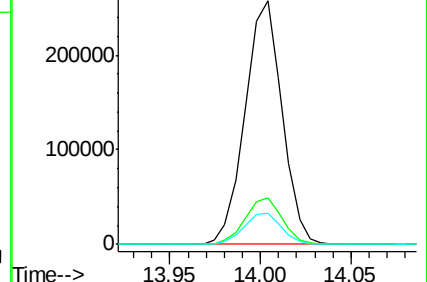
153 13.0 10.4 15.6



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: 18.21 ng/ul

RT: 14.20 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

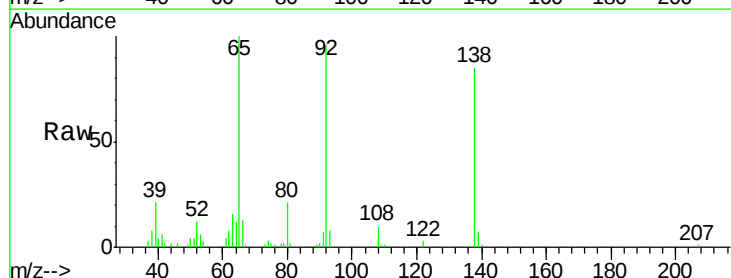
Tgt Ion:138 Resp: 52524

Ion Ratio Lower Upper

138 100

108 11.6 9.3 13.9

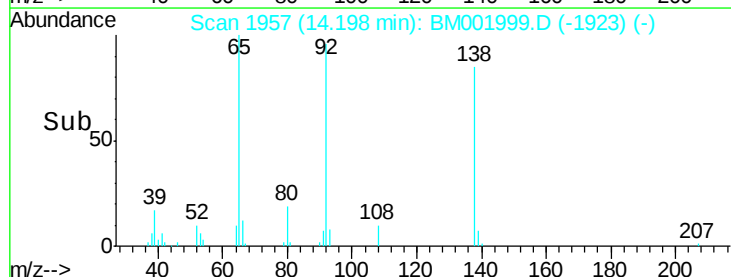
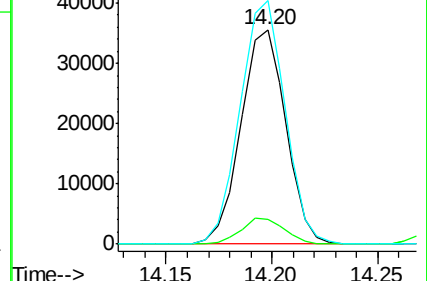
92 113.7 91.0 136.4

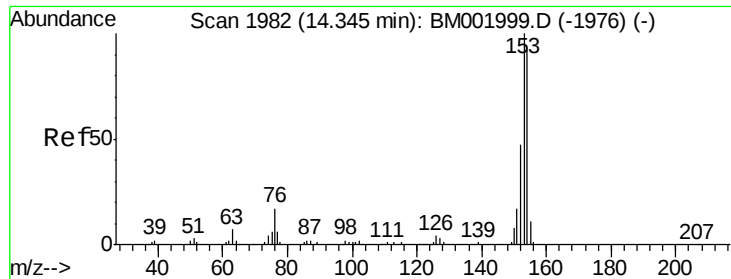


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.77 ng/ul

RT: 14.34 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

Instrument :

BNA_M

ClientSampleId :

SSTD02062

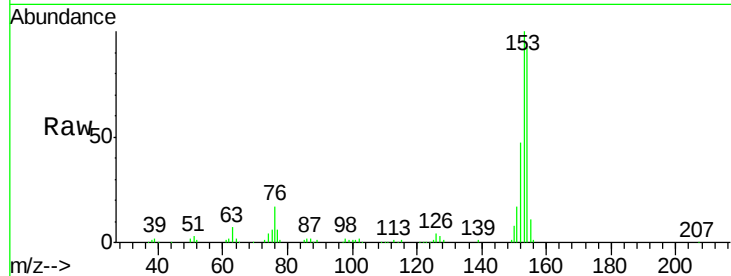
Tgt Ion:153 Resp: 257732

Ion Ratio Lower Upper

153 100

152 46.8 37.4 56.2

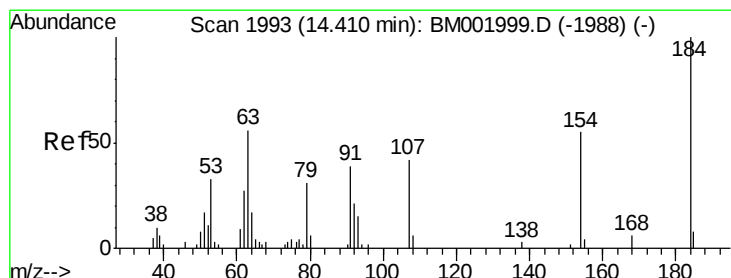
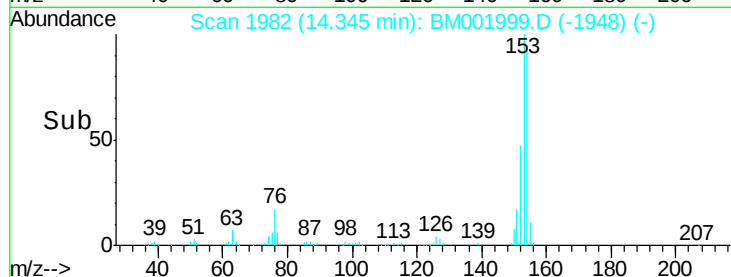
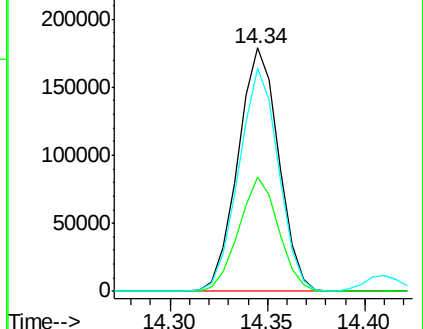
154 91.6 73.3 109.9



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: 15.16 ng/ul

RT: 14.41 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BM001999.D

Acq: 21 Jul 2015 23:07

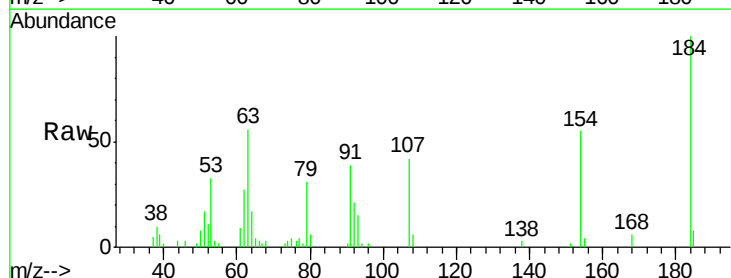
Tgt Ion:184 Resp: 28982

Ion Ratio Lower Upper

184 100

63 56.3 45.0 67.6

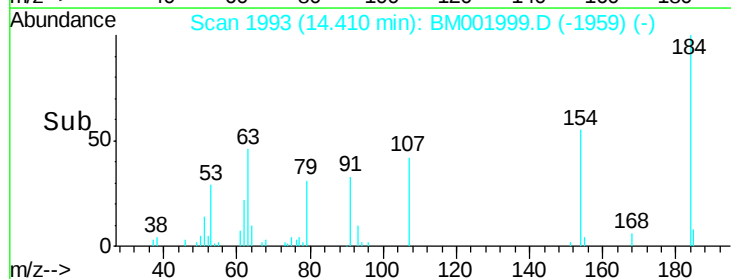
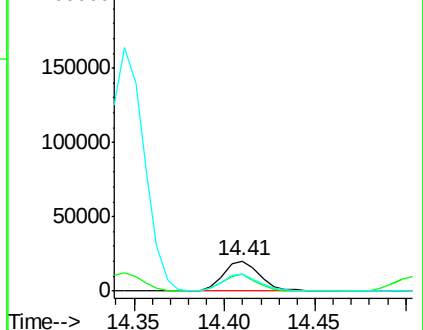
154 55.3 44.2 66.4

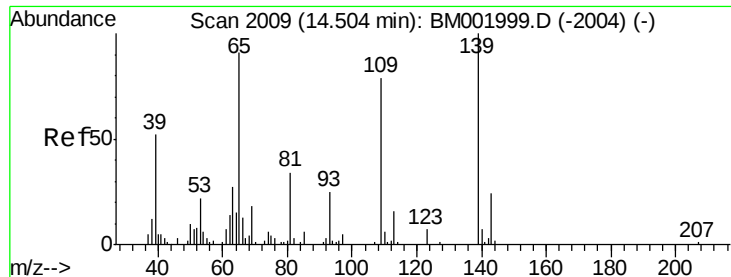


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

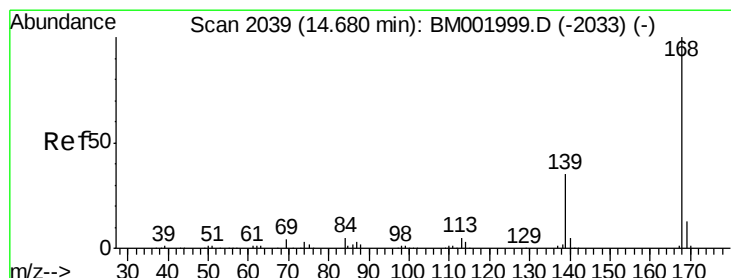
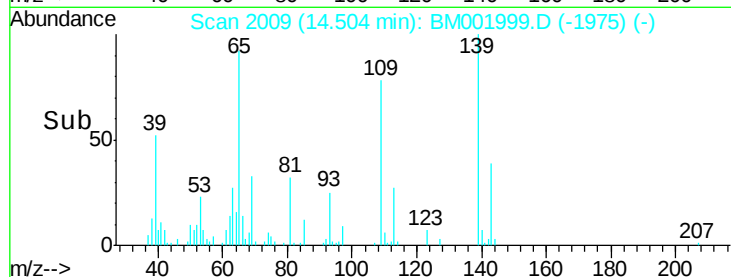
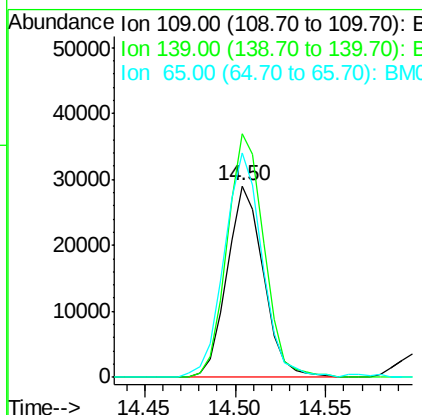
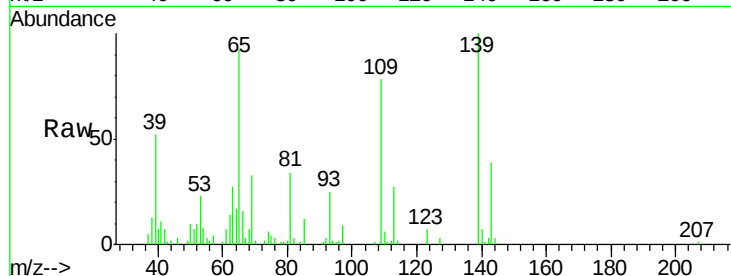




#52
4-Nitrophenol
Concen: 16.98 ng/ul
RT: 14.50 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

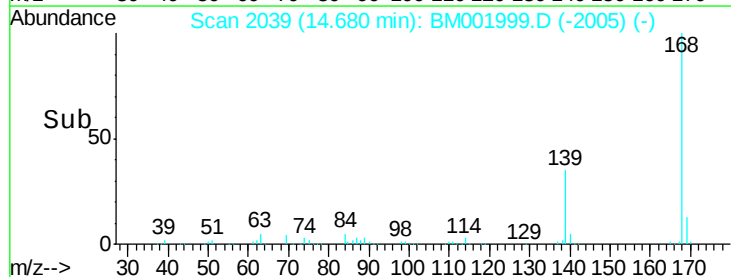
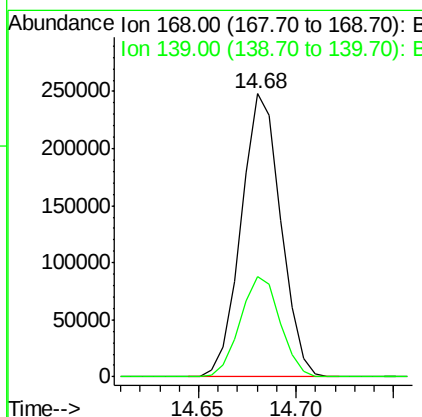
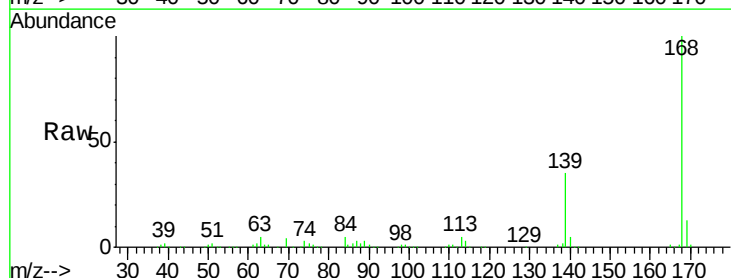
Instrument :
BNA_M
ClientSampleId :
SSTD02062

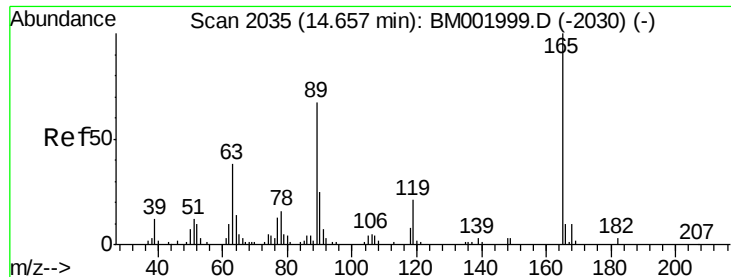
Tgt Ion:109 Resp: 40417
Ion Ratio Lower Upper
109 100
139 127.4 101.9 152.9
65 117.3 93.8 140.8



#53
Dibenzofuran
Concen: 18.87 ng/ul
RT: 14.68 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Tgt Ion:168 Resp: 349238
Ion Ratio Lower Upper
168 100
139 35.3 28.2 42.4

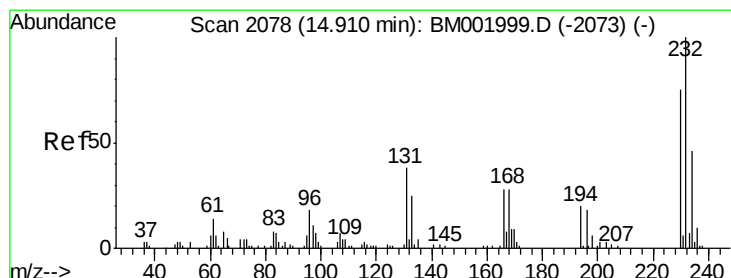
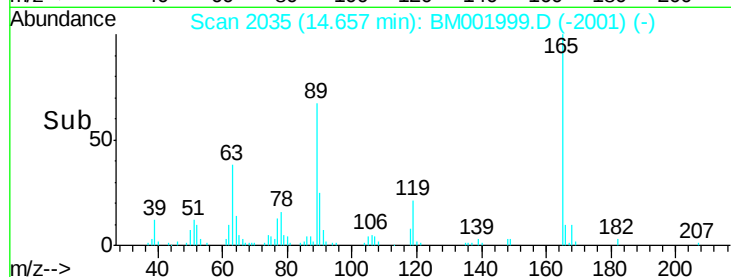
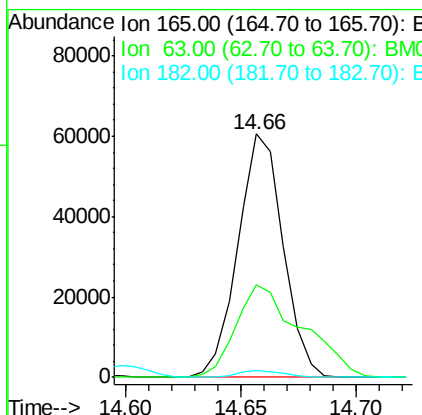
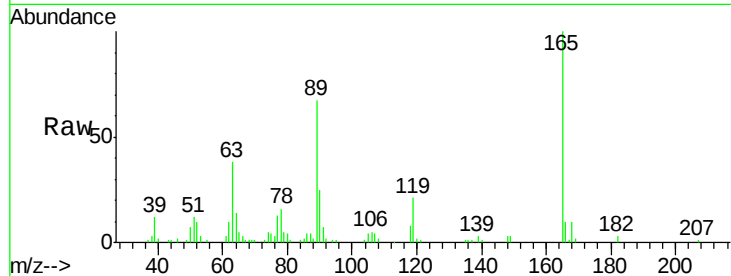




#54
 2,4-Dinitrotoluene
 Concen: 17.70 ng/ul
 RT: 14.66 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

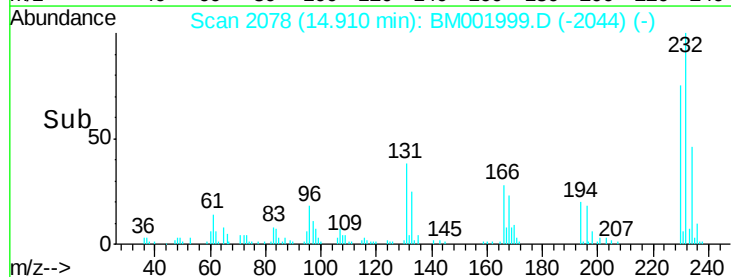
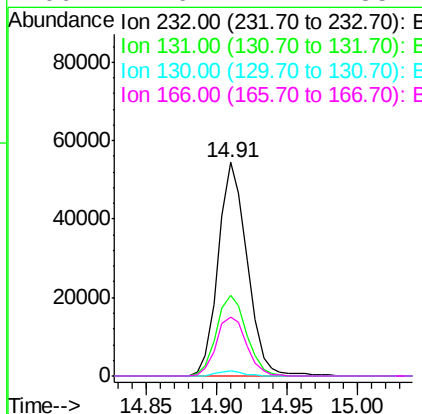
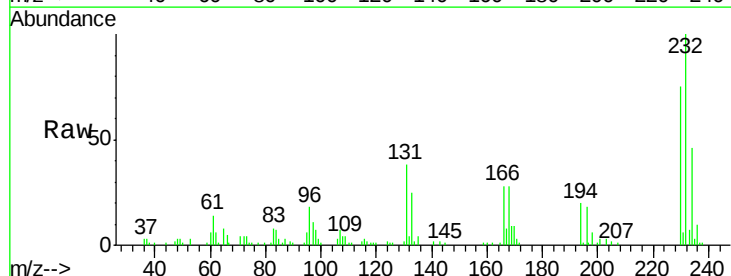
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02062

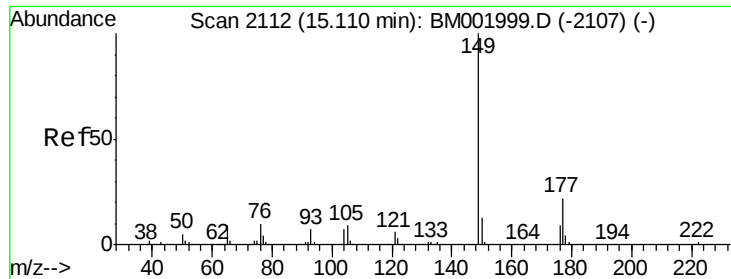
Tgt Ion:165 Resp: 82561
 Ion Ratio Lower Upper
 165 100
 63 37.9 30.3 45.5
 182 2.9 2.3 3.5



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 18.75 ng/ul
 RT: 14.91 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

Tgt Ion:232 Resp: 77859
 Ion Ratio Lower Upper
 232 100
 131 38.0 30.4 45.6
 130 2.2 1.8 2.6
 166 27.6 22.1 33.1

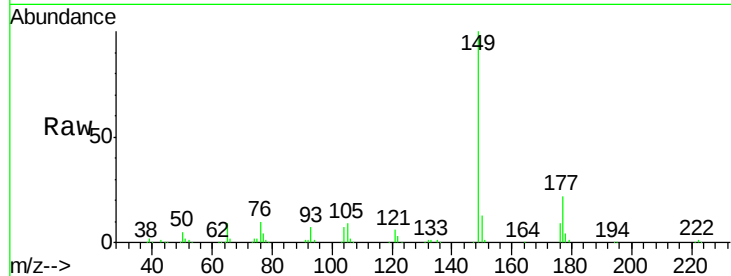




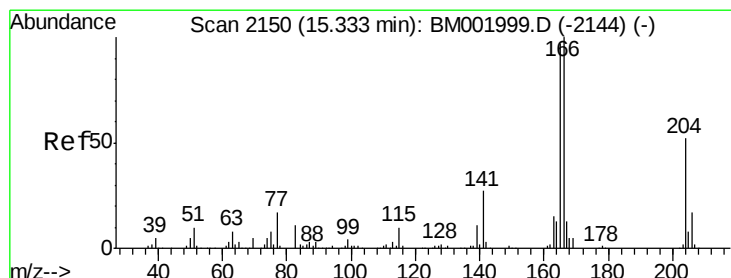
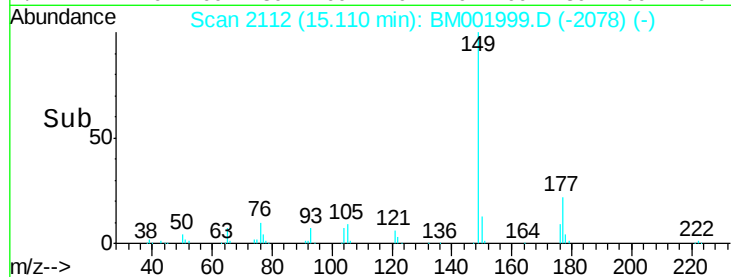
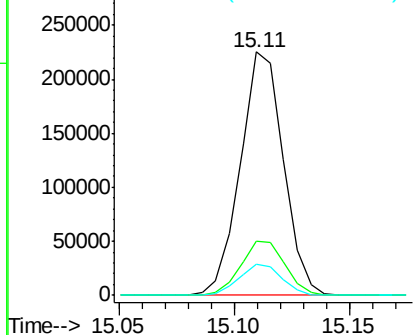
#56
Diethylphthalate
Concen: 18.73 ng/ul
RT: 15.11 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:149 Resp: 294260
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.9 10.3 15.5

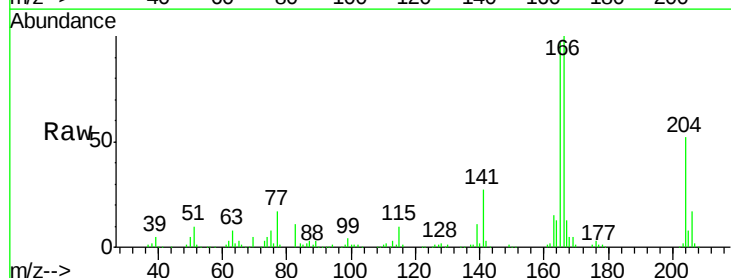


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

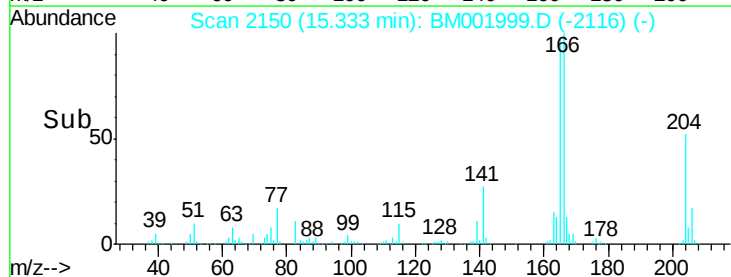
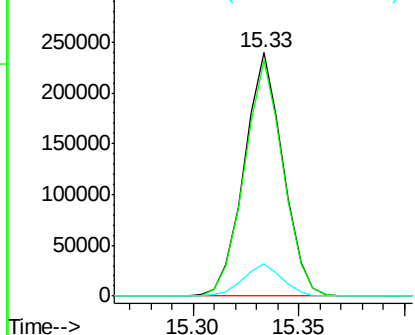


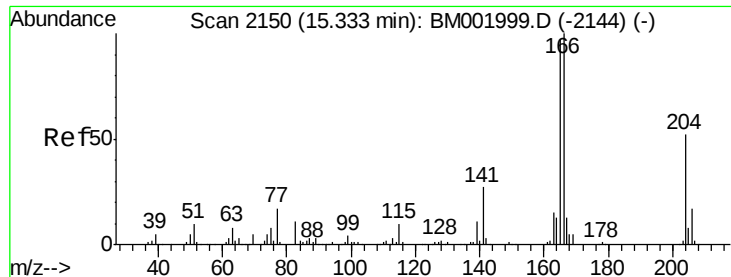
#58
Fluorene
Concen: 19.50 ng/ul
RT: 15.33 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Tgt Ion:166 Resp: 304815
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.6
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

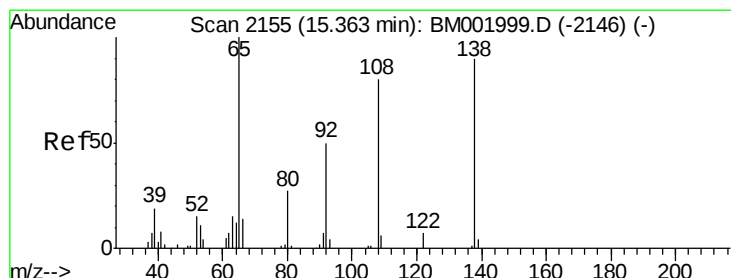
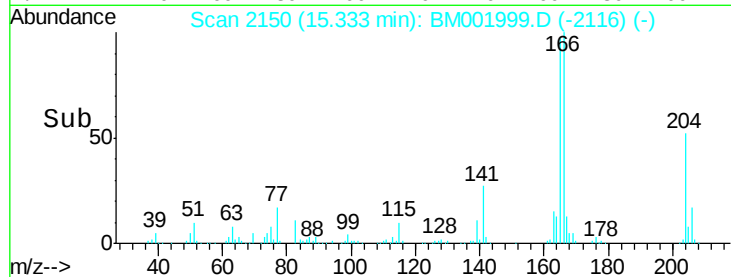
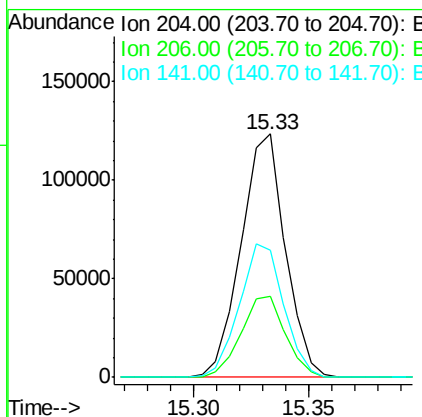
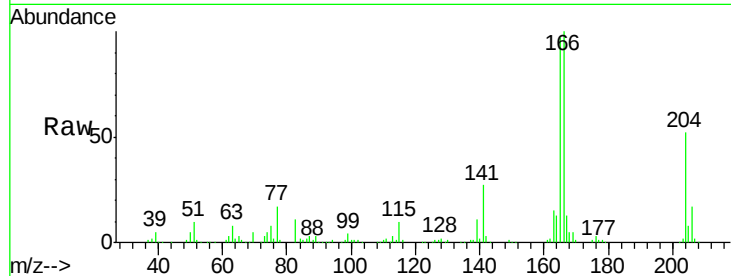




#59
 4-Chlorophenyl-phenylether
 Concen: 19.51 ng/ul
 RT: 15.33 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

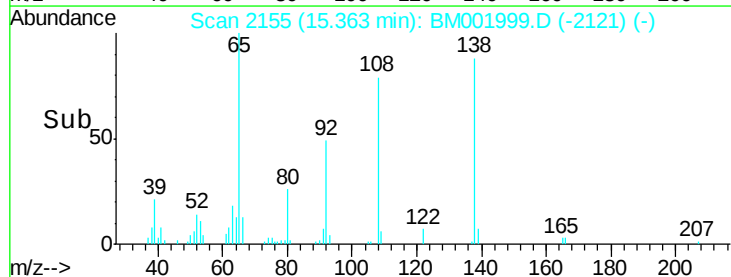
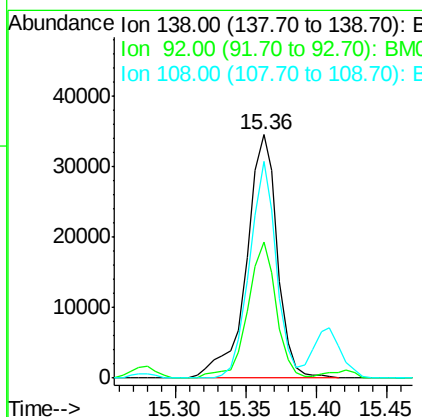
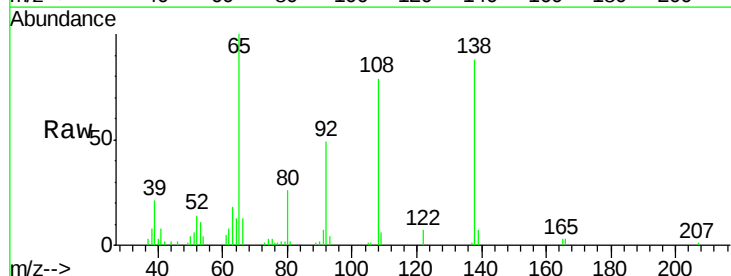
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02062

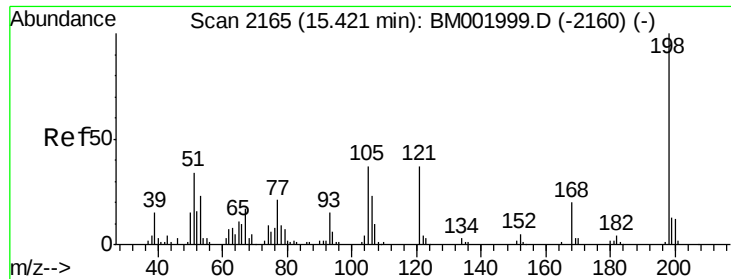
Tgt Ion:204 Resp: 165590
 Ion Ratio Lower Upper
 204 100
 206 33.5 26.8 40.2
 141 52.0 41.6 62.4



#60
 4-Nitroaniline
 Concen: 17.62 ng/ul
 RT: 15.36 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

Tgt Ion:138 Resp: 53276
 Ion Ratio Lower Upper
 138 100
 92 55.8 44.6 67.0
 108 89.1 71.3 106.9

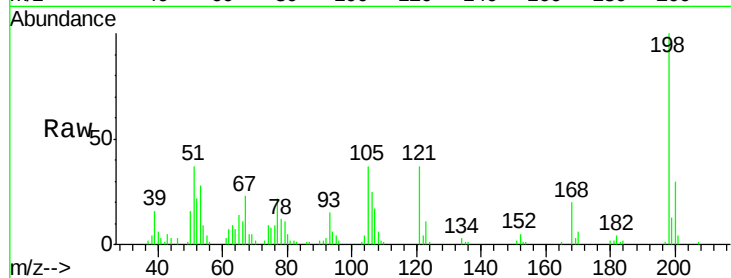




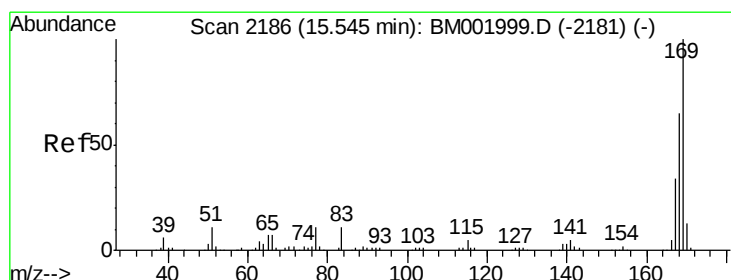
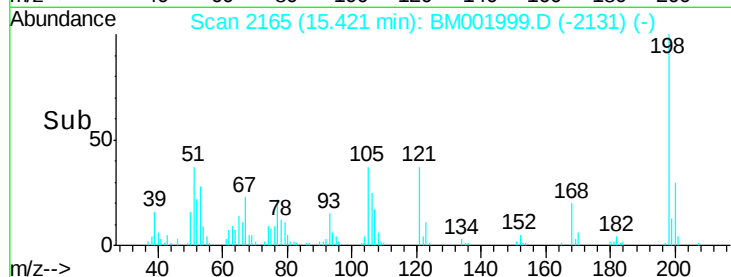
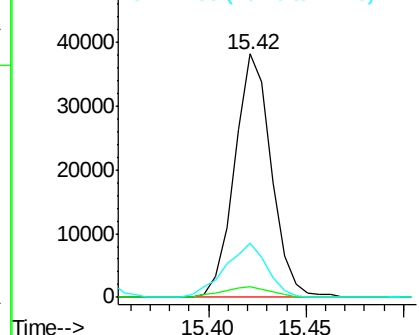
#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.49 ng/ul
 RT: 15.42 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

Instrument :
 BNA_M
 ClientSampleId :
 SST02062

Tgt Ion:198 Resp: 49909
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.6 5.4
 77 22.1 17.7 26.5

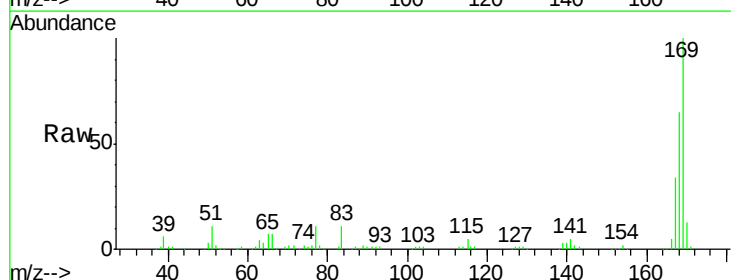


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

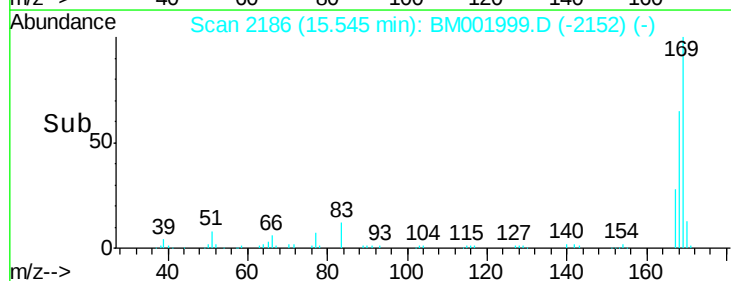
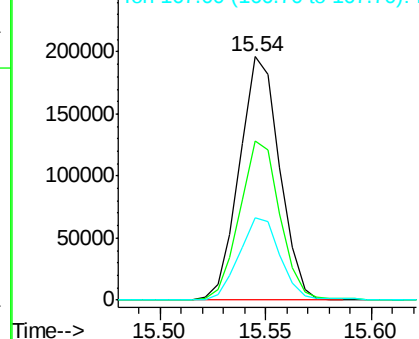


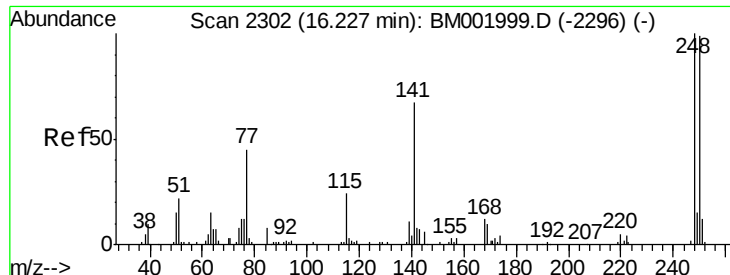
#64
 N-Nitrosodiphenylamine
 Concen: 19.16 ng/ul
 RT: 15.54 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: BM001999.D
 Acq: 21 Jul 2015 23:07

Tgt Ion:169 Resp: 258585
 Ion Ratio Lower Upper
 169 100
 168 65.4 52.3 78.5
 167 33.8 27.0 40.6



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

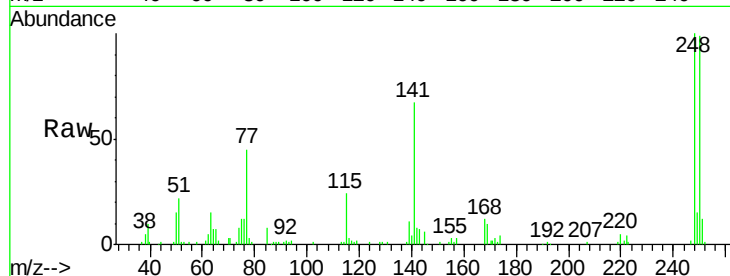




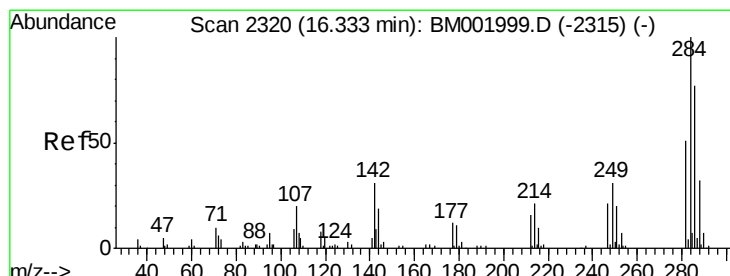
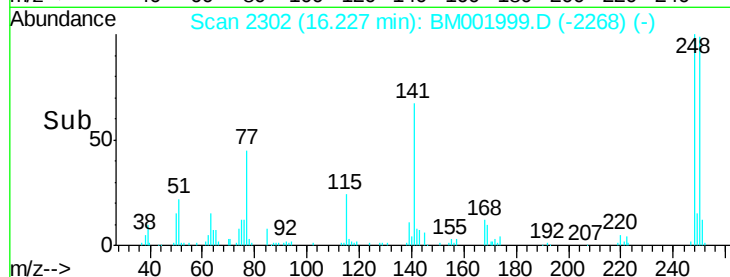
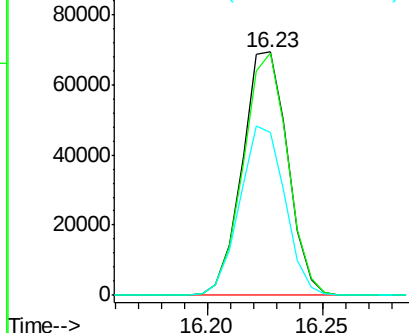
#65
4-Bromophenyl-phenylether
Concen: 18.60 ng/ul
RT: 16.23 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:248 Resp: 95067
Ion Ratio Lower Upper
248 100
250 99.5 79.6 119.4
141 66.9 53.5 80.3

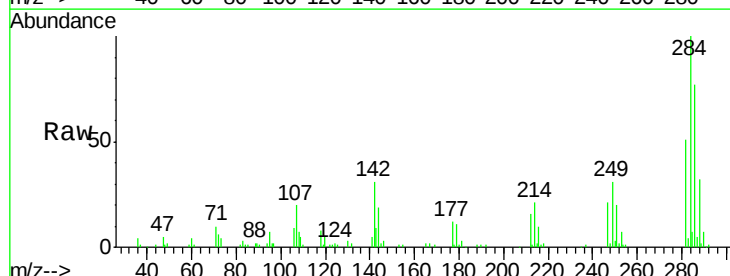


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

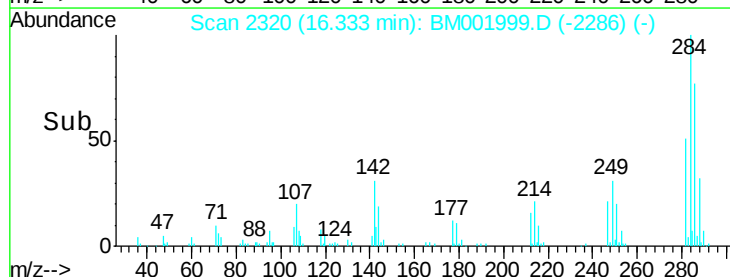
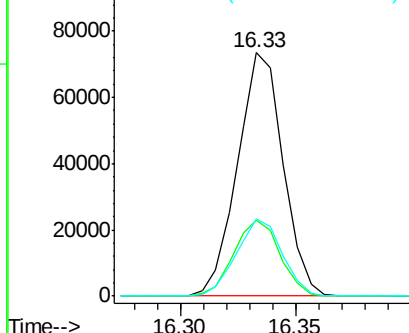


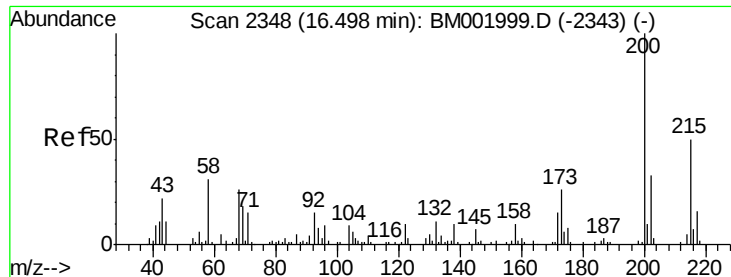
#66
Hexachlorobenzene
Concen: 17.95 ng/ul
RT: 16.33 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Tgt Ion:284 Resp: 101450
Ion Ratio Lower Upper
284 100
142 30.9 24.7 37.1
249 31.5 25.2 37.8



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

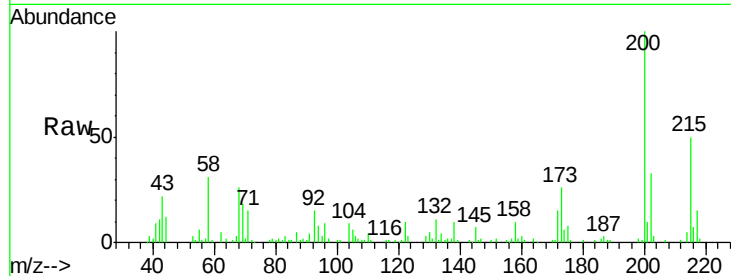




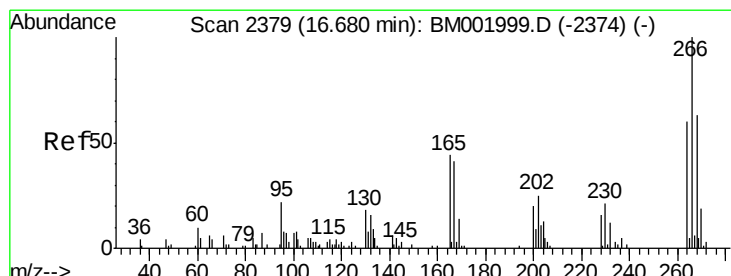
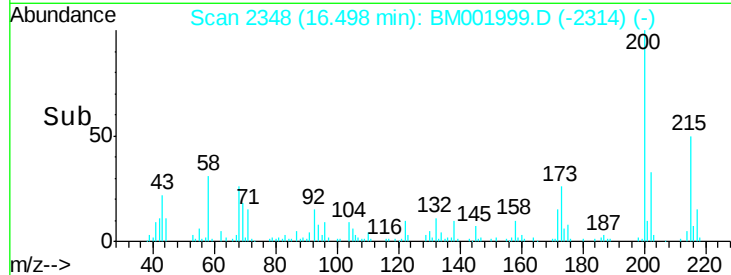
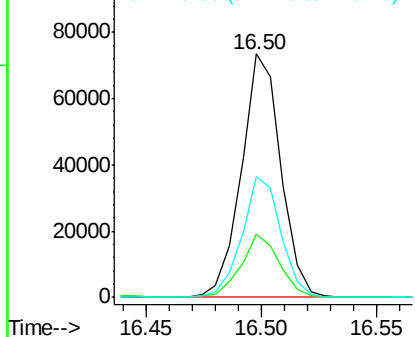
#67
Atrazine
Concen: 16.99 ng/ul
RT: 16.50 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:200 Resp: 87498
Ion Ratio Lower Upper
200 100
173 26.1 20.9 31.3
215 49.7 39.8 59.6

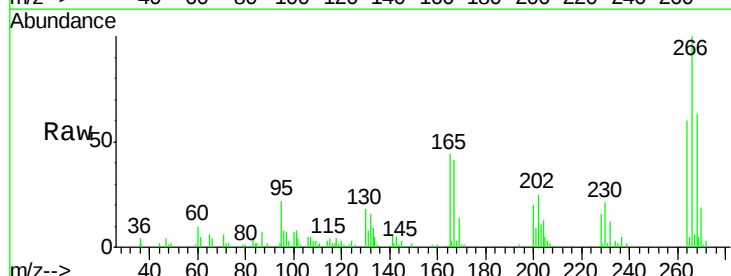


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#68
Pentachlorophenol
Concen: 15.47 ng/ul
RT: 16.68 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM001999.D
Acq: 21 Jul 2015 23:07

Tgt Ion:266 Resp: 52432
Ion Ratio Lower Upper
266 100
264 60.2 48.2 72.2
268 62.7 50.2 75.2



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

