

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072015\
 Data File : BM001995.D
 Acq On : 21 Jul 2015 04:07
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

Quant Time: Jul 21 04:49:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 21 01:37:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	108732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	446354	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	257458	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	523839	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	419037	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	408321	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	15744	7.08	ng/uL	0.00
5) Phenol-d5	6.83	99	164386	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	88276	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	136239	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	135418	18.57	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	65754	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	68038	18.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	147224	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	160067	20.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	390616	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	486712	19.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	48556	13.81	ng/ul	0.00
57) Fluorene-d10	15.31	176	333670	18.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	13105	3.86	ng/ul	0.00
70) Anthracene-d10	17.16	188	471576	19.18	ng/ul	0.00
78) Pyrene-d10	19.46	212	423700	22.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	399440	19.34	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.17	88	16091	6.86 ng/uL	97
4) Benzaldehyde	6.80	77	71446	16.65 ng/ul	92
6) Phenol	6.86	94	169887	18.53 ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	128334	19.00 ng/ul	94
10) 2-Chlorophenol	7.22	128	139272	19.47 ng/ul	97
11) 2-Methylphenol	8.10	108	130181	18.65 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	133600	16.94 ng/ul#	94
14) Acetophenone	8.48	105	211678	18.38 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	104244	17.63 ng/ul	98
16) 4-Methylphenol	8.43	108	142979	18.71 ng/ul	96
17) Hexachloroethane	8.72	117	50759	17.77 ng/ul	97
20) Nitrobenzene	8.86	77	154319	18.79 ng/ul	96
21) Isophorone	9.38	82	275044	17.93 ng/ul	97
23) 2-Nitrophenol	9.57	139	72006	17.88 ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	158728	18.55 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	170577	18.53 ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	140531	19.28 ng/ul	98
28) Naphthalene	10.50	128	431523	19.15 ng/ul	99
30) 4-Chloroaniline	10.62	127	160536	20.22 ng/ul	99
31) Hexachlorobutadiene	10.77	225	103186	19.74 ng/ul	97
32) Caprolactam	11.39	113	60359	17.52 ng/ul	90
33) 4-Chloro-3-methylphenol	11.75	107	141394	17.68 ng/ul	96
34) 2-Methylnaphthalene	12.12	142	314260	18.73 ng/ul	98

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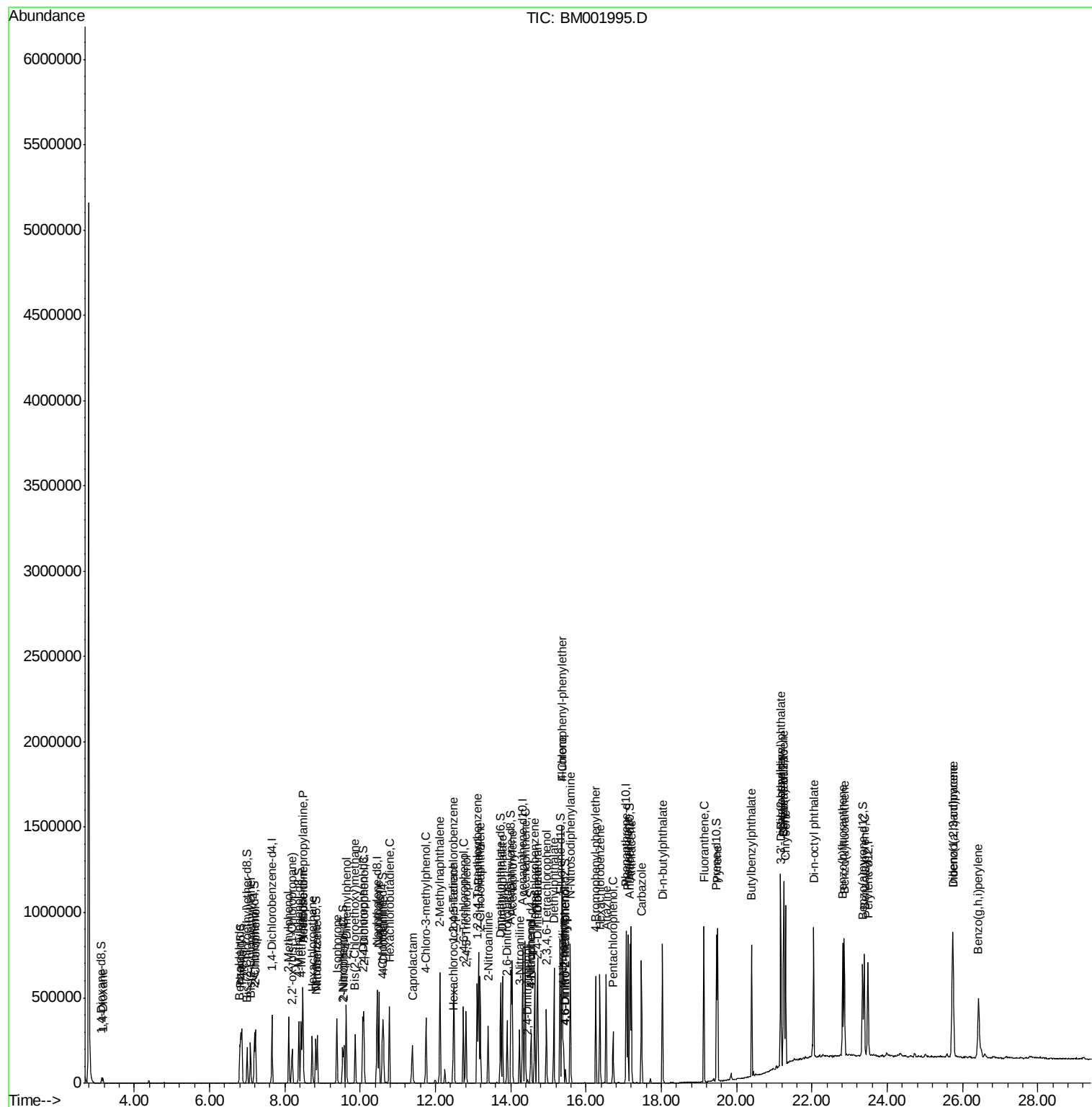
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	193016	20.99	ng/ul	96
37) Hexachlorocyclopentadiene	12.46	237	36236	6.86	ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	114549	19.91	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	119328	19.04	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	416305	20.14	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	324386	20.15	ng/ul	98
42) 2-Nitroaniline	13.40	65	83044	18.31	ng/ul	91
44) Dimethylphthalate	13.77	163	395074	18.70	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	81659	18.78	ng/ul	96
47) Acenaphthylene	14.03	152	494433	19.40	ng/ul	99
48) 3-Nitroaniline	14.23	138	80843	21.03	ng/ul	98
49) Acenaphthene	14.38	153	329041	19.26	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	5712	2.18	ng/ul	97
52) 4-Nitrophenol	14.55	109	43024	13.28	ng/ul	96
53) Dibenzofuran	14.72	168	465829	18.98	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	110503	17.51	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.95	232	92416	16.68	ng/ul#	98
56) Diethylphthalate	15.15	149	383434	18.32	ng/ul	99
58) Fluorene	15.37	166	383570	18.63	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	213225	19.12	ng/ul	99
60) 4-Nitroaniline	15.40	138	78771	19.47	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.46	198	13853	3.85	ng/ul#	98
64) N-Nitrosodiphenylamine	15.58	169	325525	20.80	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	126140	21.06	ng/ul	99
66) Hexachlorobenzene	16.37	284	135055	20.37	ng/ul	95
67) Atrazine	16.53	200	126470	20.48	ng/ul	97
68) Pentachlorophenol	16.72	266	55675	13.62	ng/ul	98
69) Phenanthrene	17.10	178	541414	19.08	ng/ul	99
71) Anthracene	17.20	178	558374	19.07	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	187749	23.40	ng/uL	98
73) Pentachlorobenzene	14.63	250	173069	22.15	ng/uL	97
74) Carbazole	17.47	167	465967	18.47	ng/ul	98
75) Di-n-butylphthalate	18.03	149	610400	20.05	ng/ul	99
76) Fluoranthene	19.13	202	553109	16.67	ng/ul	100
79) Pyrene	19.49	202	550499	21.96	ng/ul	98
80) Butylbenzylphthalate	20.39	149	218282	22.90	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.18	252	128195	16.50	ng/ul	98
82) Benzo(a)anthracene	21.24	228	484715	19.44	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	307463	22.00	ng/ul	99
84) Chrysene	21.29	228	448601	19.20	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	488354	19.21	ng/ul	100
87) Benzo(b)fluoranthene	22.82	252	456892	18.26	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	460335	19.13	ng/ul	99
90) Benzo(a)pyrene	23.39	252	448810	19.09	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.73	276	531454	21.53	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	454770	21.79	ng/ul	99
93) Benzo(g,h,i)perylene	26.42	276	450743	22.22	ng/ul	99

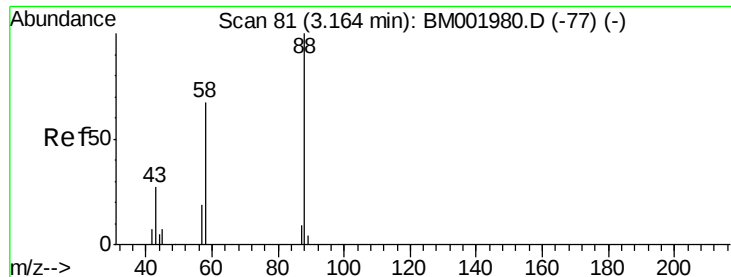
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 6.86 ng/uL

RT: 3.17 min Scan# 82

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

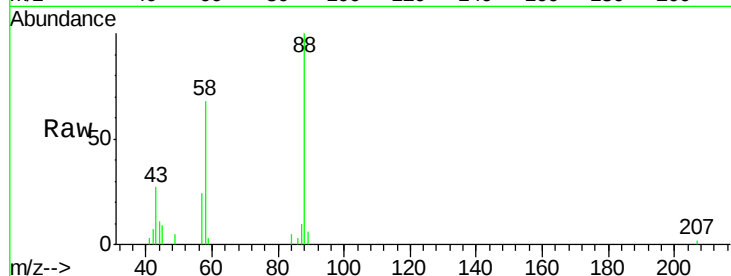
Tgt Ion: 88 Resp: 16091

Ion Ratio Lower Upper

88 100

43 27.7 22.1 33.1

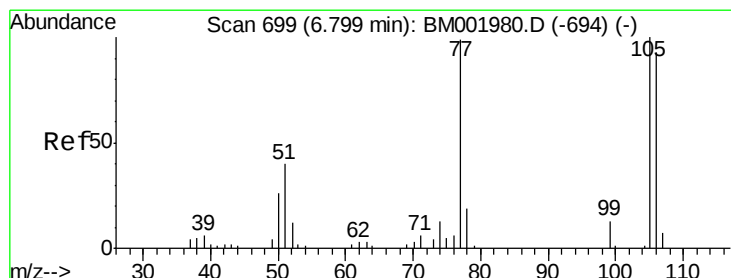
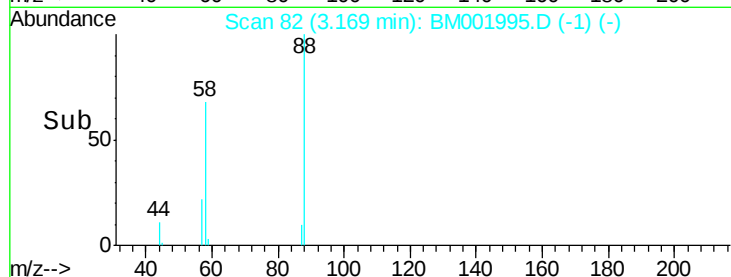
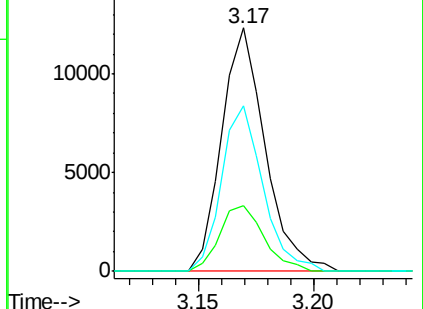
58 64.8 54.9 82.3



Abundance Ion 88.00 (87.70 to 88.70): BM001980.D (-77) (-)

Ion 43.00 (42.70 to 43.70): BM001980.D (-77) (-)

Ion 58.00 (57.70 to 58.70): BM001980.D (-77) (-)



#4

Benzaldehyde

Concen: 16.65 ng/uL

RT: 6.80 min Scan# 700

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

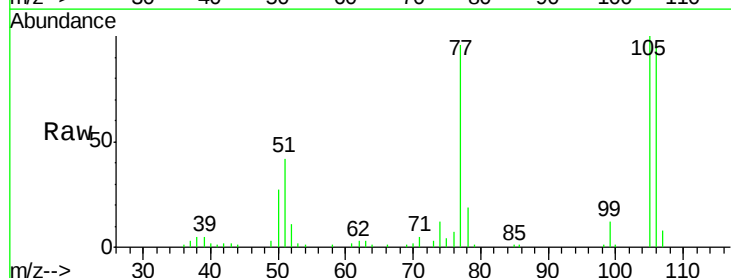
Tgt Ion: 77 Resp: 71446

Ion Ratio Lower Upper

77 100

105 103.8 77.1 115.7

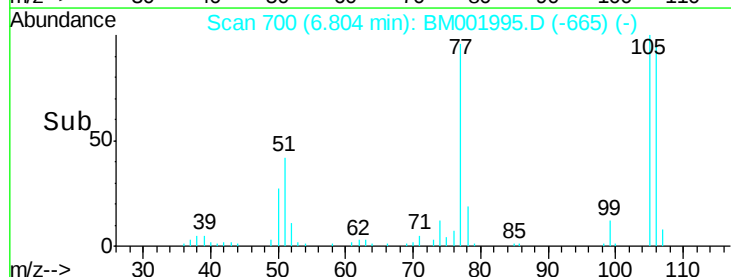
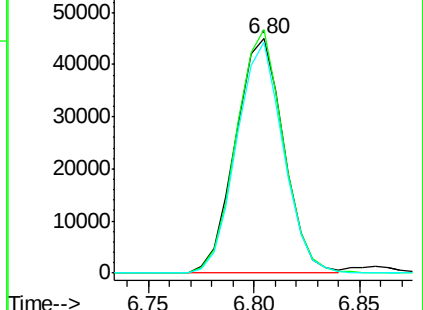
106 98.4 73.1 109.7

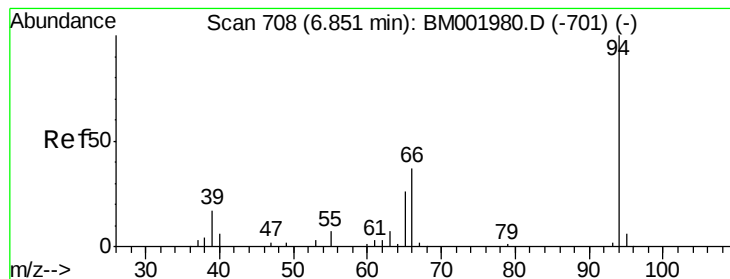


Abundance Ion 77.00 (76.70 to 77.70): BM001980.D (-694) (-)

Ion 105.00 (104.70 to 105.70): BM001980.D (-694) (-)

Ion 106.00 (105.70 to 106.70): BM001980.D (-694) (-)





#6

Phenol

Concen: 18.53 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampled :

SSTD02059

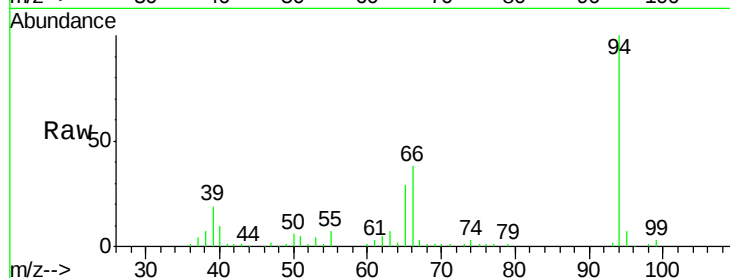
Tgt Ion: 94 Resp: 169887

Ion Ratio Lower Upper

94 100

65 28.6 23.6 35.4

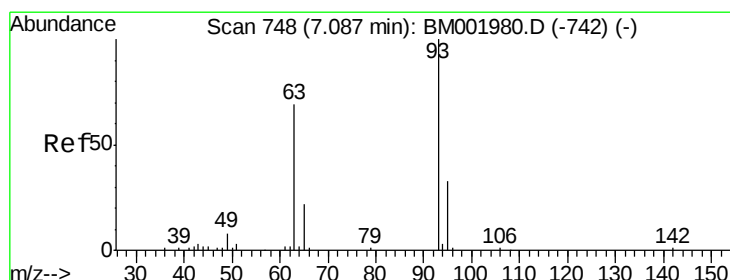
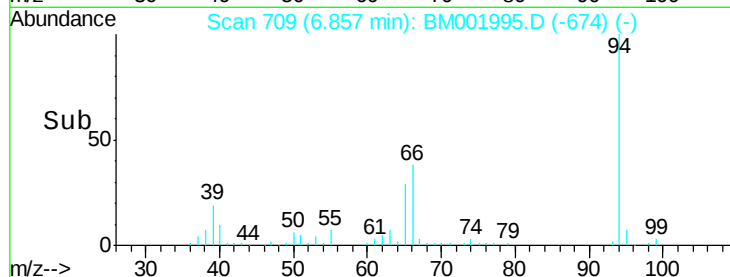
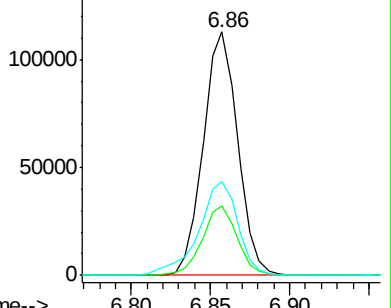
66 38.5 33.0 49.6



Abundance Ion 94.00 (93.70 to 94.70): BM001980.D (-701) (-)

Ion 65.00 (64.70 to 65.70): BM001980.D (-701) (-)

Ion 66.00 (65.70 to 66.70): BM001980.D (-701) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.00 ng/ul

RT: 7.09 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

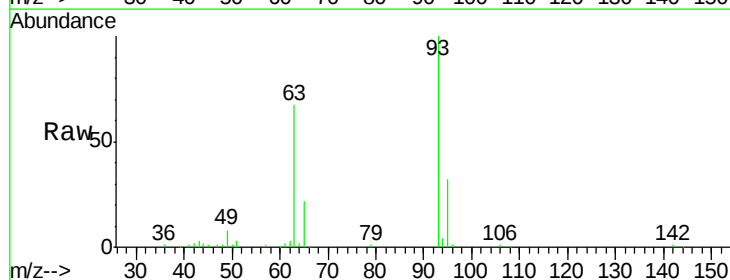
Tgt Ion: 93 Resp: 128334

Ion Ratio Lower Upper

93 100

63 67.4 59.4 89.2

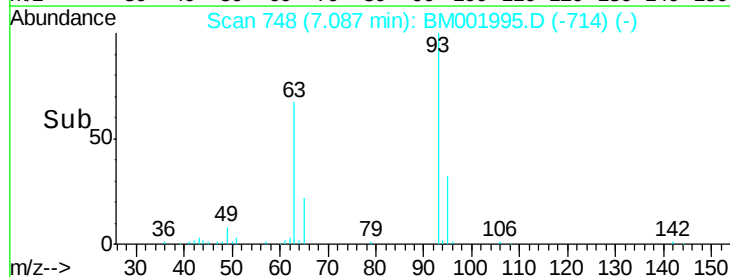
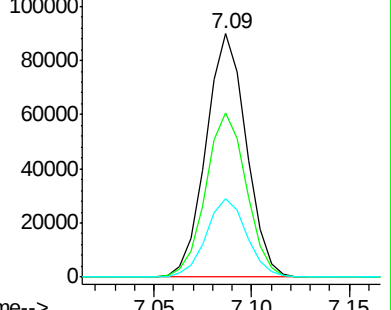
95 32.4 27.0 40.6

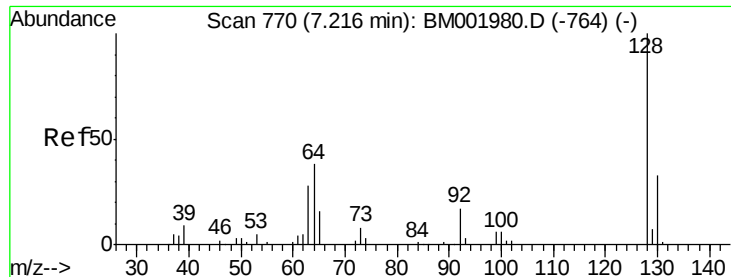


Abundance Ion 93.00 (92.70 to 93.70): BM001980.D (-742) (-)

Ion 63.00 (62.70 to 63.70): BM001980.D (-742) (-)

Ion 95.00 (94.70 to 95.70): BM001980.D (-742) (-)

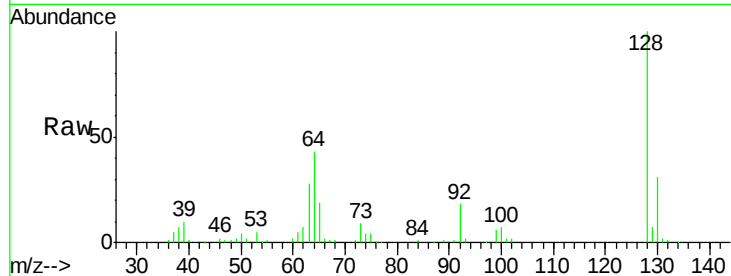




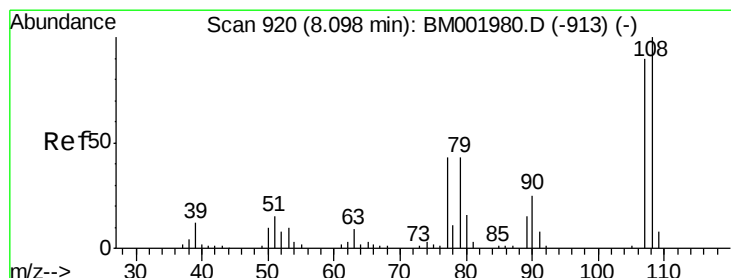
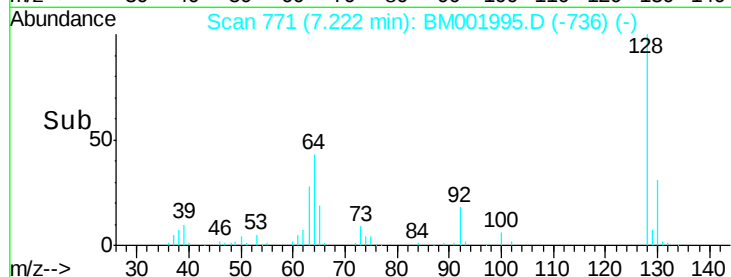
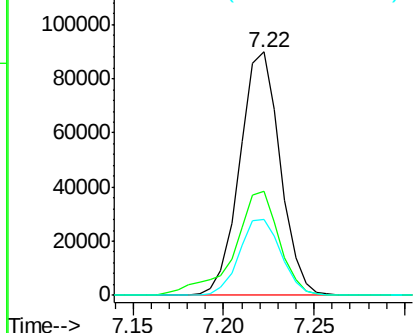
#10
2-Chlorophenol
Concen: 19.47 ng/ul
RT: 7.22 min Scan# 771
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

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Tgt Ion:128 Resp: 139272
Ion Ratio Lower Upper
128 100
64 43.0 36.0 54.0
130 31.3 26.7 40.1

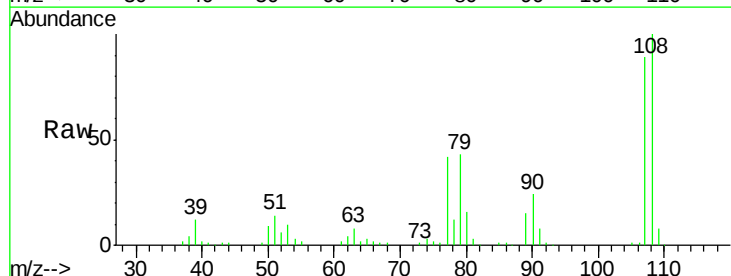


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

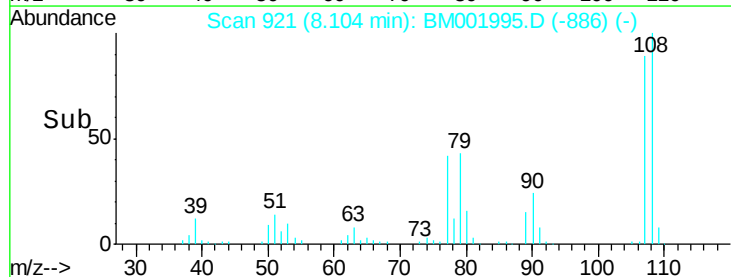
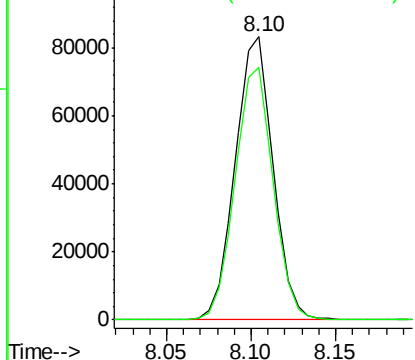


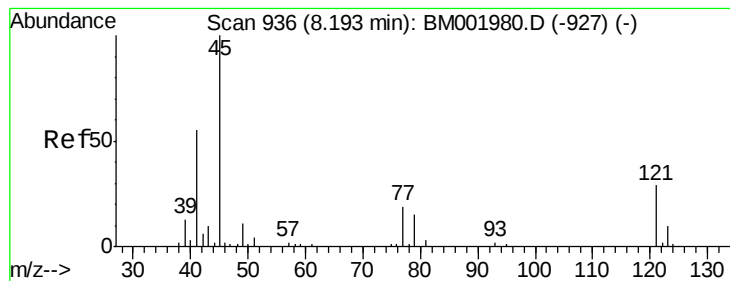
#11
2-Methylphenol
Concen: 18.65 ng/ul
RT: 8.10 min Scan# 921
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:108 Resp: 130181
Ion Ratio Lower Upper
108 100
107 89.4 72.1 108.1



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: 16.94 ng/ul

RT: 8.19 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM001995.D

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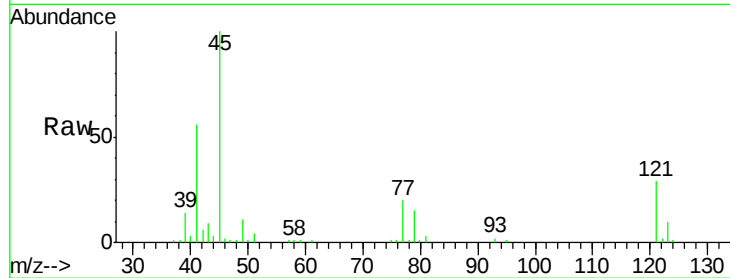
Tgt Ion: 45 Resp: 133600

Ion Ratio Lower Upper

45 100

77 19.5 13.0 19.4#

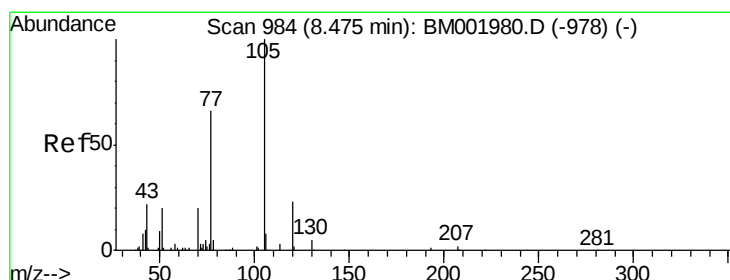
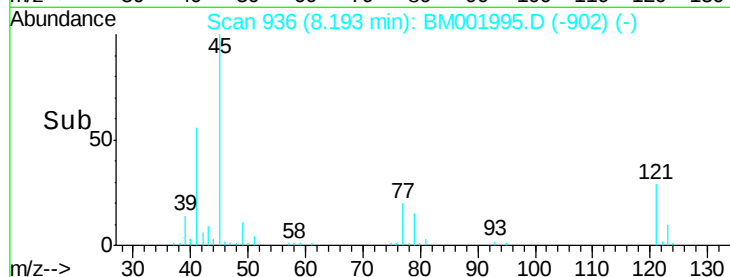
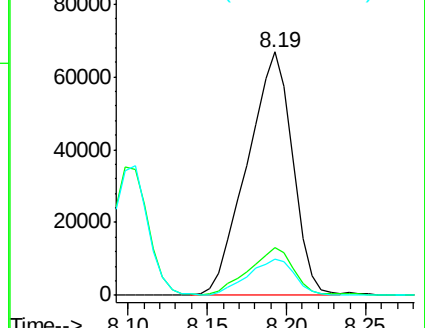
79 14.8 10.6 16.0



Abundance Ion 45.00 (44.70 to 45.70): BM001980.D (-927) (-)

Ion 77.00 (76.70 to 77.70): BM001980.D (-927) (-)

Ion 79.00 (78.70 to 79.70): BM001980.D (-927) (-)



#14

Acetophenone

Concen: 18.38 ng/ul

RT: 8.48 min Scan# 985

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

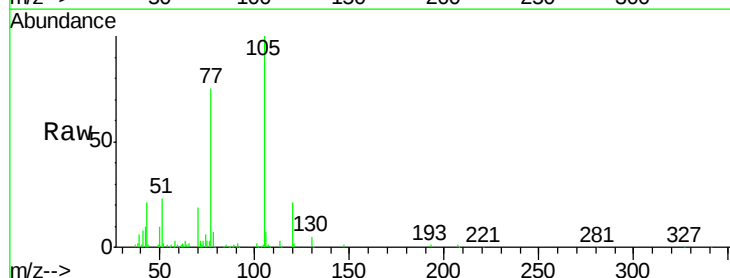
Tgt Ion: 105 Resp: 211678

Ion Ratio Lower Upper

105 100

77 75.0 61.7 92.5

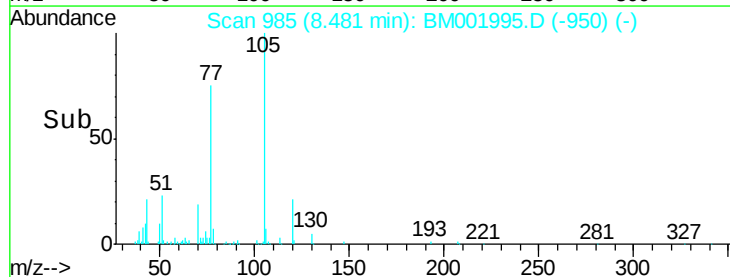
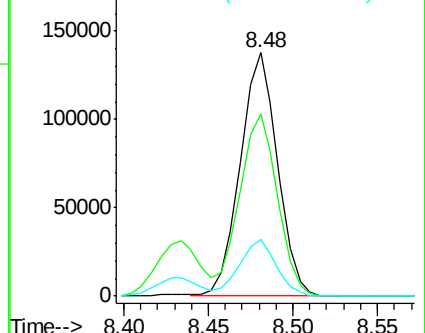
51 23.4 20.2 30.4

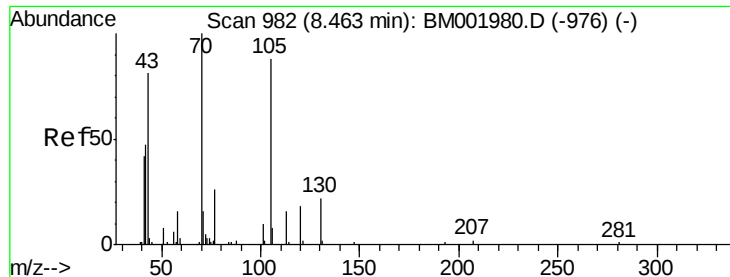


Abundance Ion 105.00 (104.70 to 105.70): BM001980.D (-978) (-)

Ion 77.00 (76.70 to 77.70): BM001980.D (-978) (-)

Ion 51.00 (50.70 to 51.70): BM001980.D (-978) (-)

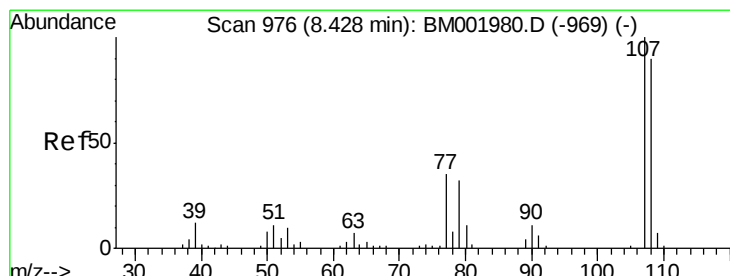
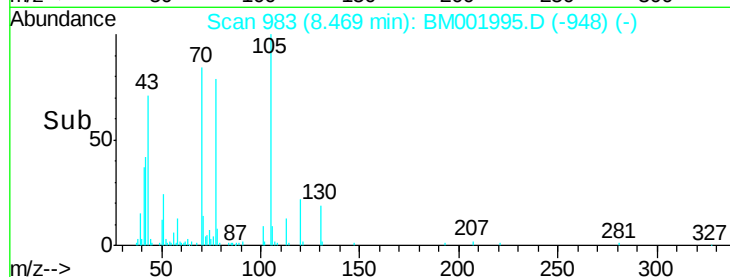
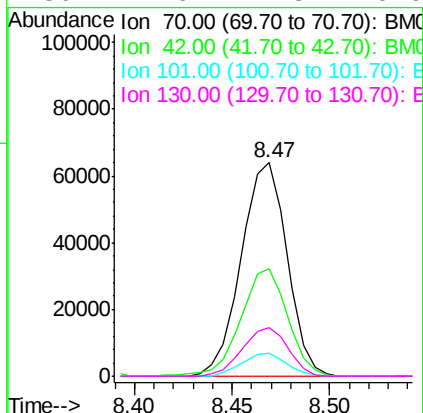
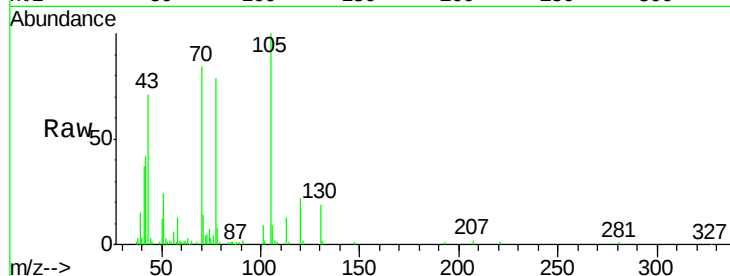




#15
N-Nitroso-di-n-propylamine
Concen: 17.63 ng/ul
RT: 8.47 min Scan# 983
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

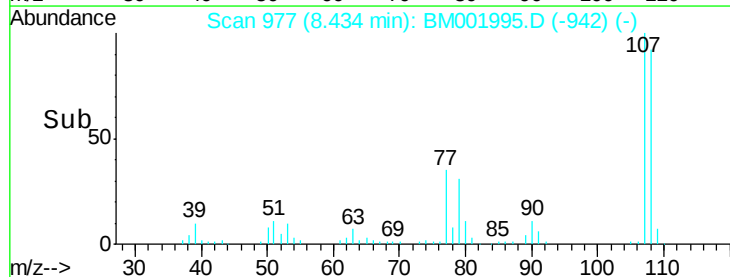
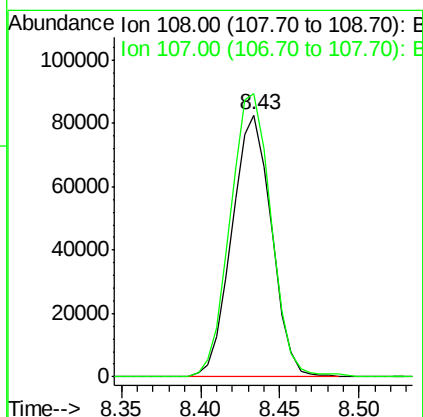
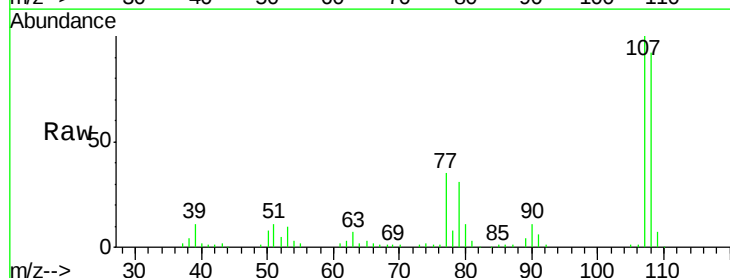
Instrument :
BNA_M
ClientSampleId :
SSTD02059

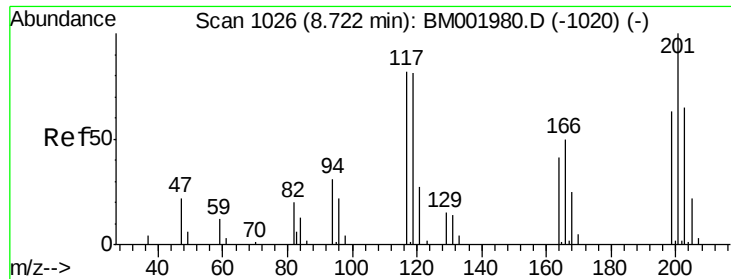
Tgt Ion: 70 Resp: 104244
Ion Ratio Lower Upper
70 100
42 50.1 41.4 62.0
101 10.5 7.6 11.4
130 22.6 17.8 26.6



#16
4-Methylphenol
Concen: 18.71 ng/ul
RT: 8.43 min Scan# 977
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion: 108 Resp: 142979
Ion Ratio Lower Upper
108 100
107 108.2 90.3 135.5

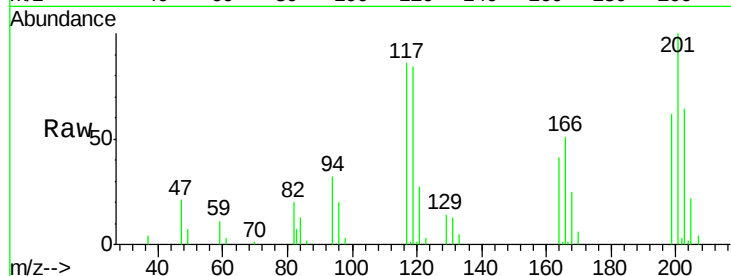




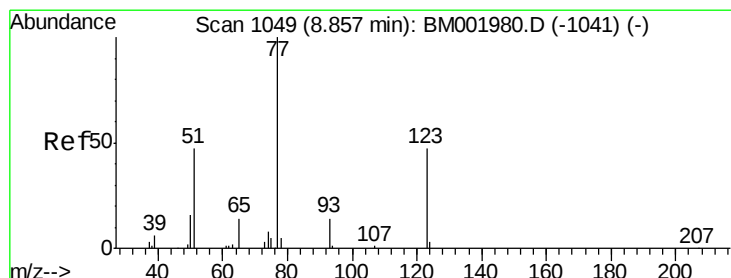
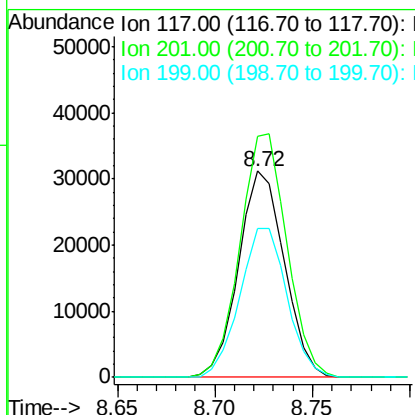
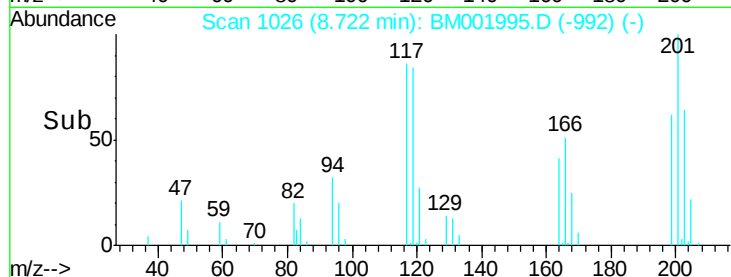
#17
Hexachloroethane
Concen: 17.77 ng/ul
RT: 8.72 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion: 117 Resp: 50759
Ion Ratio Lower Upper
117 100
201 116.8 89.4 134.2
199 72.4 57.3 85.9

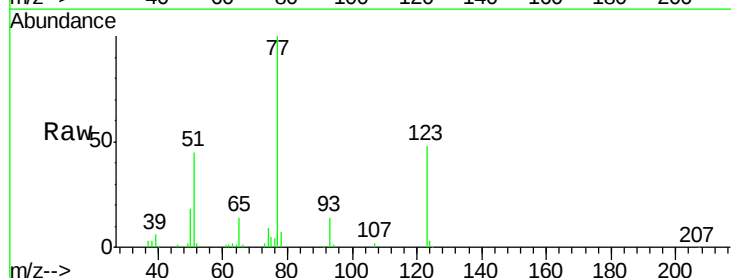


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

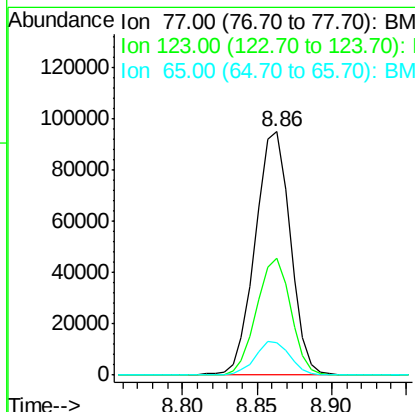
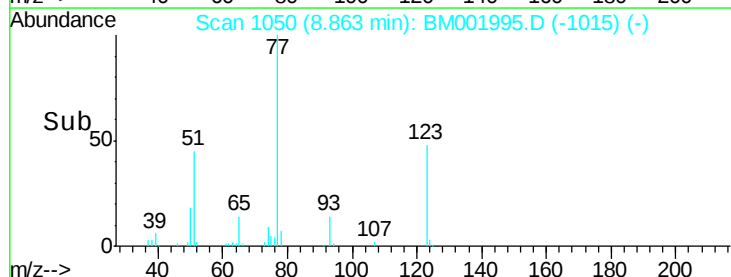


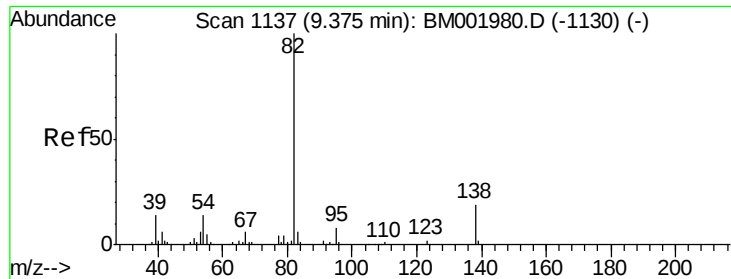
#20
Nitrobenzene
Concen: 18.79 ng/ul
RT: 8.86 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion: 77 Resp: 154319
Ion Ratio Lower Upper
77 100
123 48.3 35.8 53.6
65 13.6 10.7 16.1



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: 17.93 ng/ul

RT: 9.38 min Scan# 1138

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

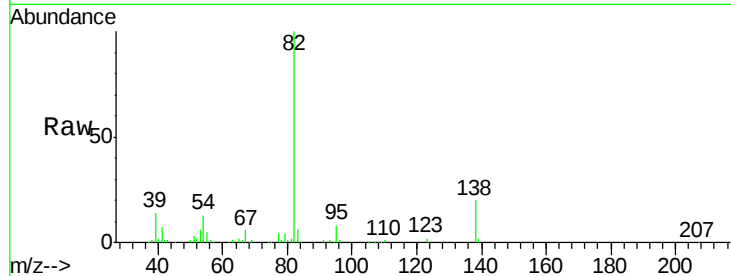
Tgt Ion: 82 Resp: 275044

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

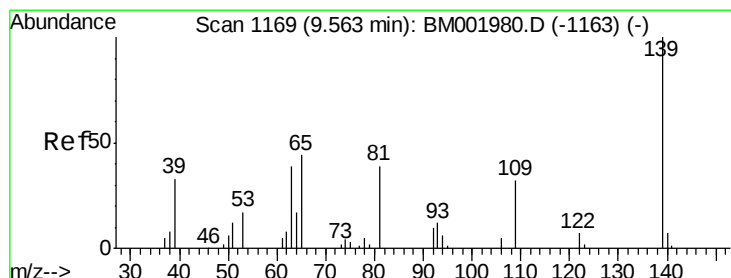
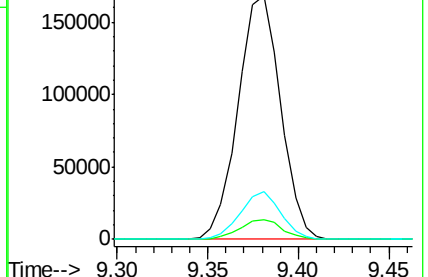
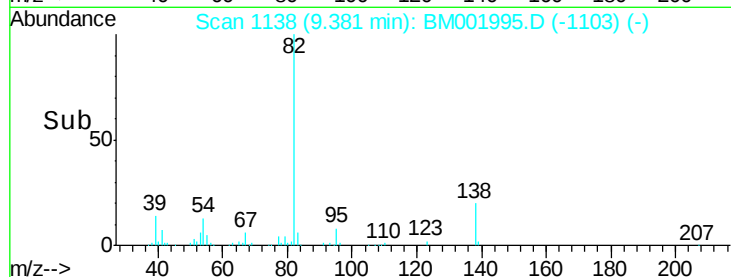
138 19.6 14.3 21.5



Abundance Ion 82.00 (81.70 to 82.70): BM001980.D (-1130) (-)

Ion 95.00 (94.70 to 95.70): BM001980.D (-1130) (-)

Ion 138.00 (137.70 to 138.70): BM001980.D (-1130) (-)



#23

2-Nitrophenol

Concen: 17.88 ng/ul

RT: 9.57 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

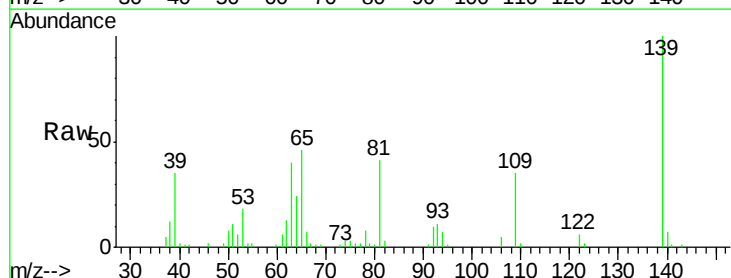
Tgt Ion: 139 Resp: 72006

Ion Ratio Lower Upper

139 100

65 46.2 40.2 60.4

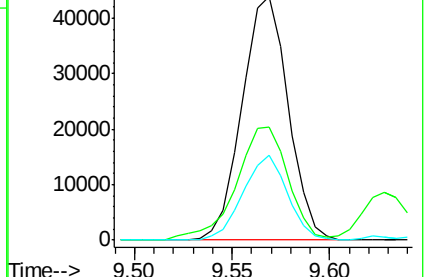
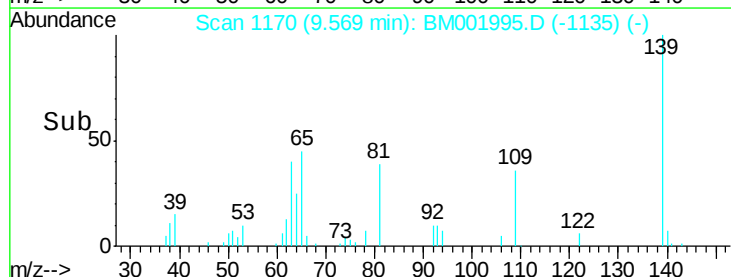
109 34.8 26.7 40.1

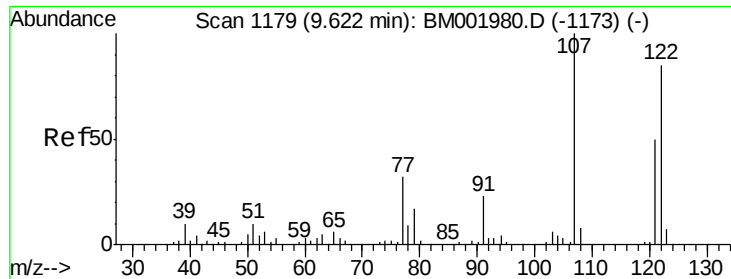


Abundance Ion 139.00 (138.70 to 139.70): BM001980.D (-1163) (-)

Ion 65.00 (64.70 to 65.70): BM001980.D (-1163) (-)

Ion 109.00 (108.70 to 109.70): BM001980.D (-1163) (-)

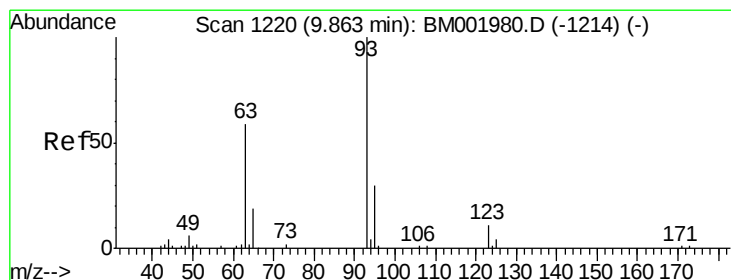
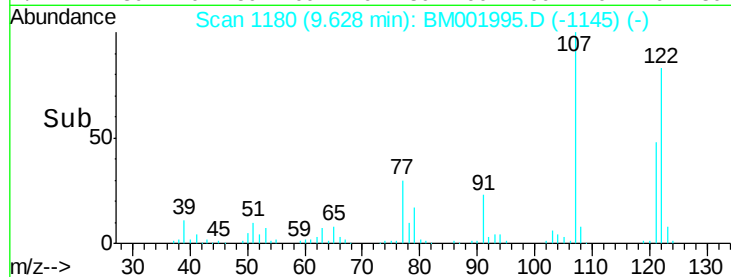
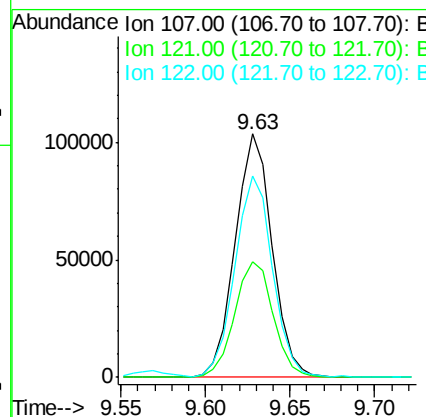
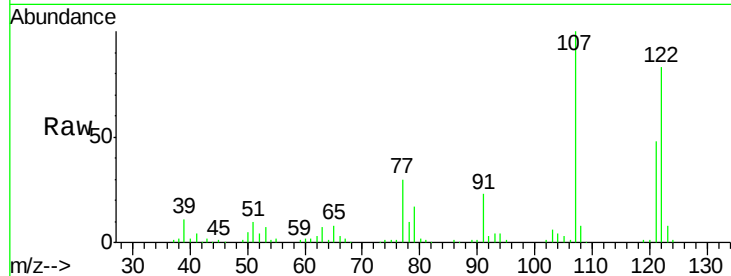




#24
 2,4-Dimethylphenol
 Concen: 18.55 ng/ul
 RT: 9.63 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

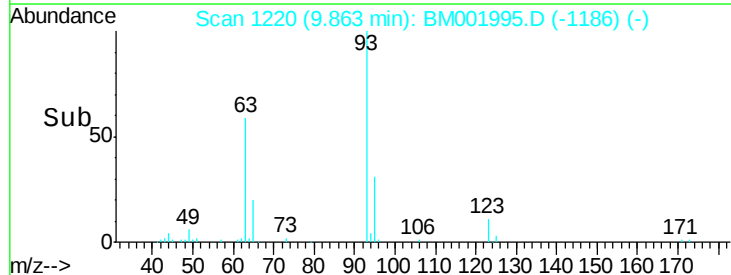
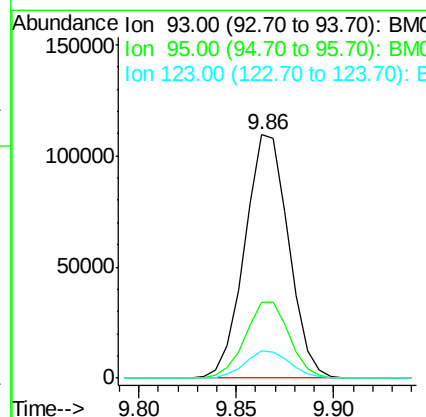
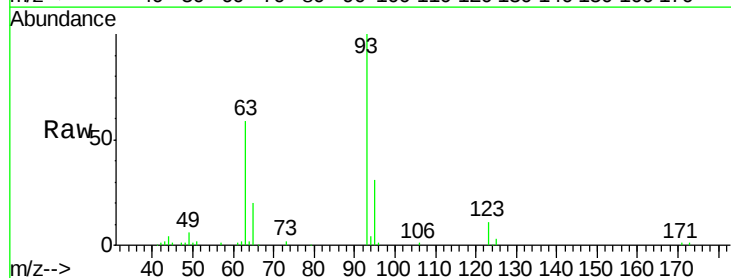
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

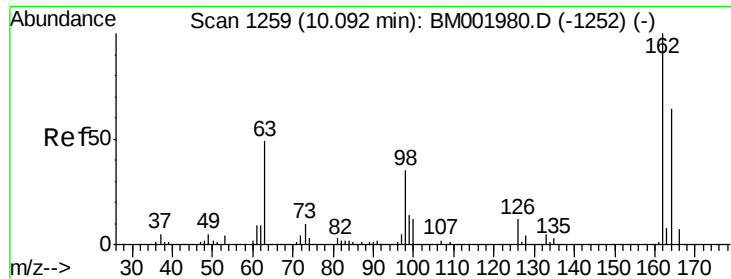
Tgt Ion: 107 Resp: 158728
 Ion Ratio Lower Upper
 107 100
 121 47.6 39.8 59.6
 122 82.5 65.2 97.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.53 ng/ul
 RT: 9.86 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

Tgt Ion: 93 Resp: 170577
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.2 39.2
 123 11.2 8.8 13.2

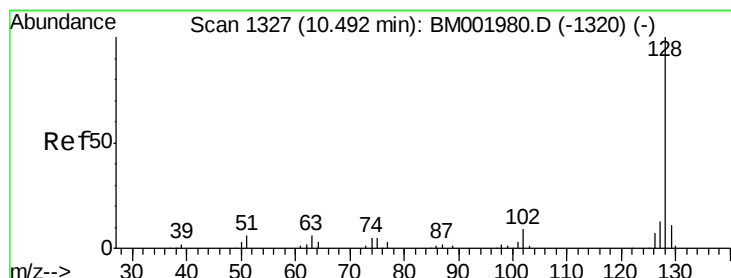
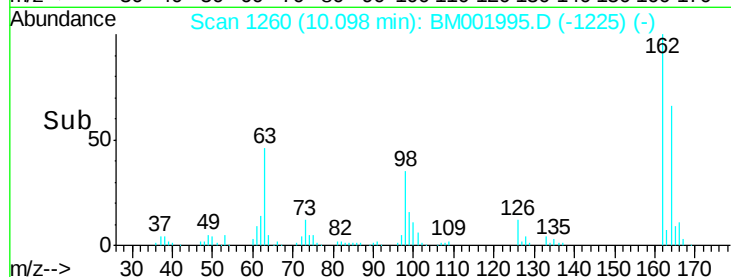
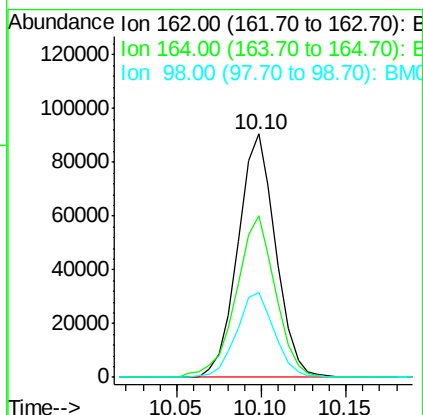
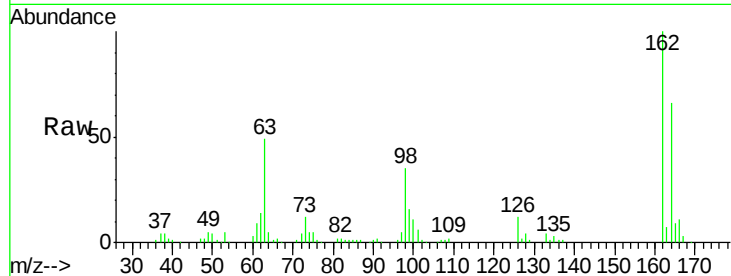




#27
2,4-Dichlorophenol
Concen: 19.28 ng/ul
RT: 10.10 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

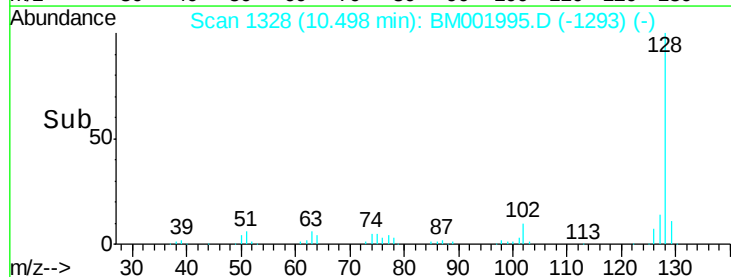
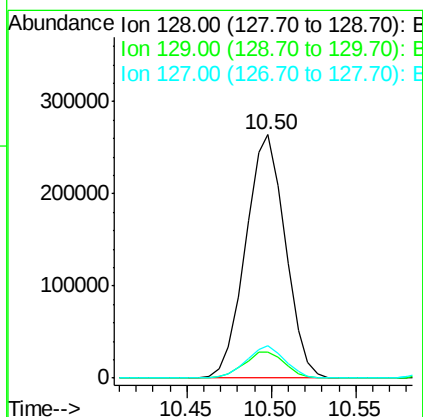
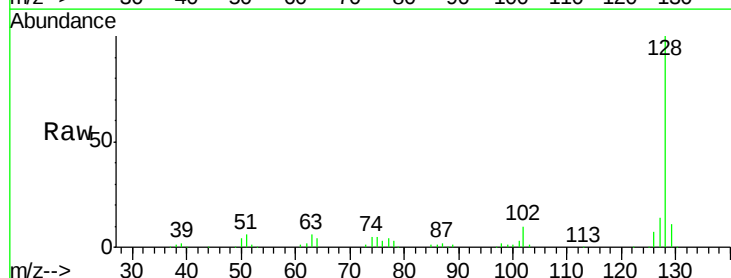
Instrument :
BNA_M
ClientSampleId :
SSTD02059

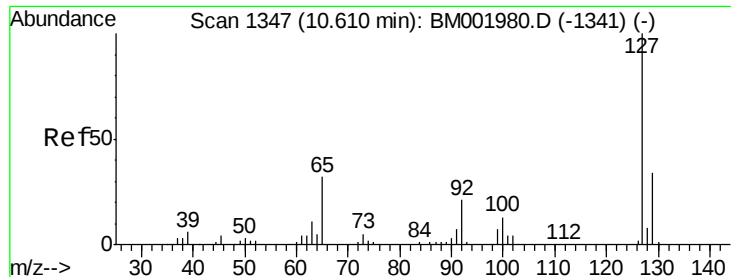
Tgt Ion:162 Resp: 140531
Ion Ratio Lower Upper
162 100
164 66.2 51.4 77.2
98 34.9 28.0 42.0



#28
Naphthalene
Concen: 19.15 ng/ul
RT: 10.50 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:128 Resp: 431523
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.6 10.7 16.1

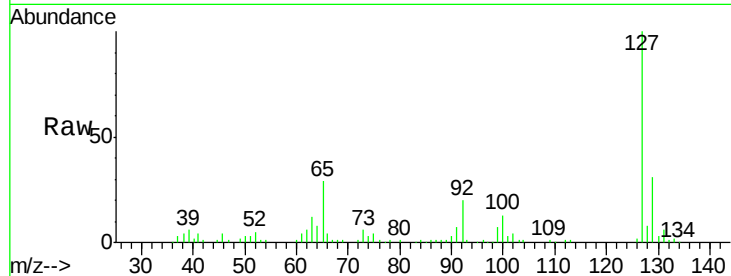




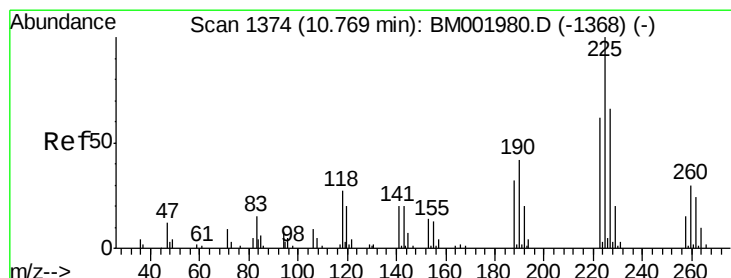
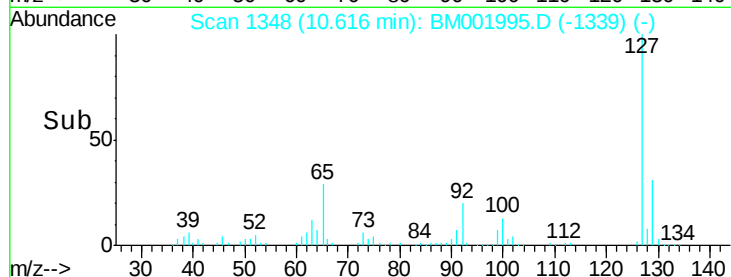
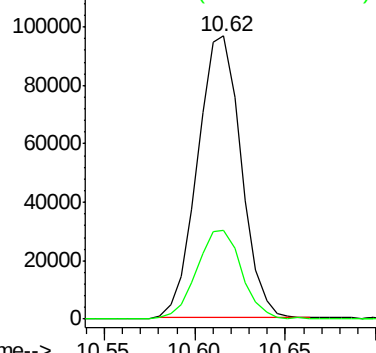
#30
4-Chloroaniline
Concen: 20.22 ng/ul
RT: 10.62 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:127 Resp: 160536
Ion Ratio Lower Upper
127 100
129 31.4 24.7 37.1

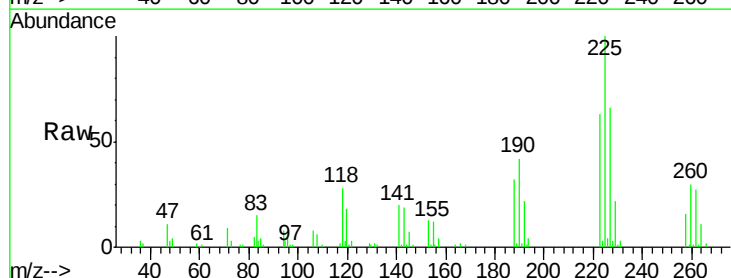


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

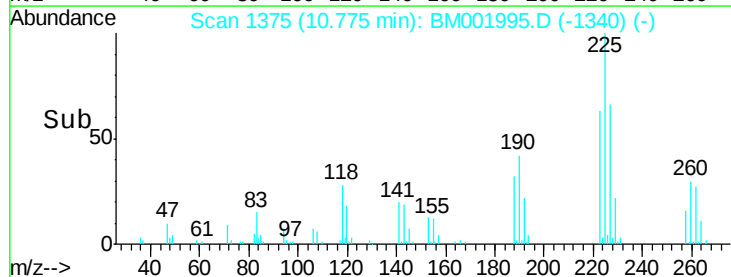
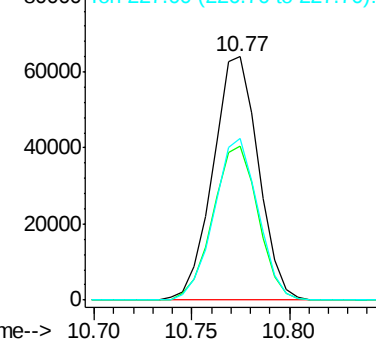


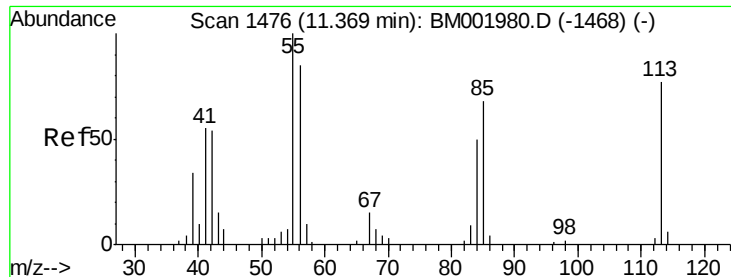
#31
Hexachlorobutadiene
Concen: 19.74 ng/ul
RT: 10.77 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:225 Resp: 103186
Ion Ratio Lower Upper
225 100
223 63.3 51.5 77.3
227 66.2 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





#32

Caprolactam

Concen: 17.52 ng/ul

RT: 11.39 min Scan# 1479

Delta R.T. 0.02 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

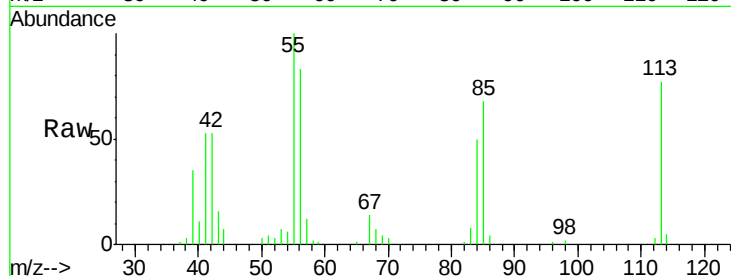
Tgt Ion:113 Resp: 60359

Ion Ratio Lower Upper

113 100

55 130.2 115.6 173.4

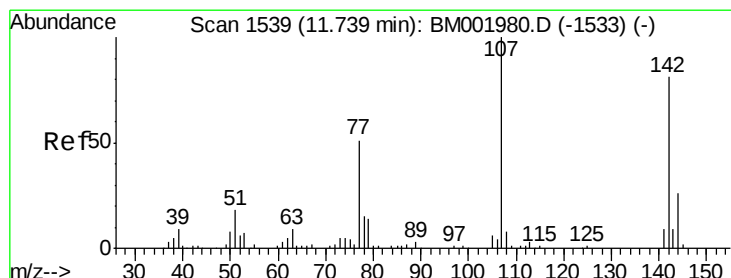
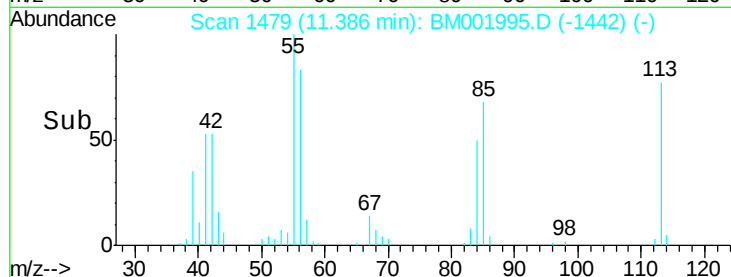
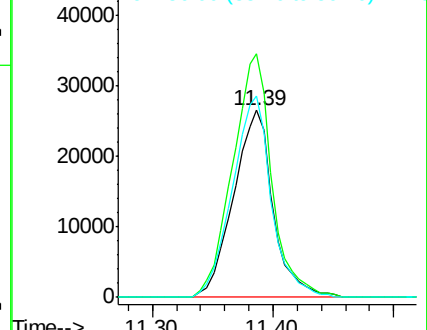
56 107.8 92.3 138.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM001980.D (-1468) (-)

Ion 56.00 (55.70 to 56.70): BM001980.D (-1468) (-)



#33

4-Chloro-3-methylphenol

Concen: 17.68 ng/ul

RT: 11.75 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

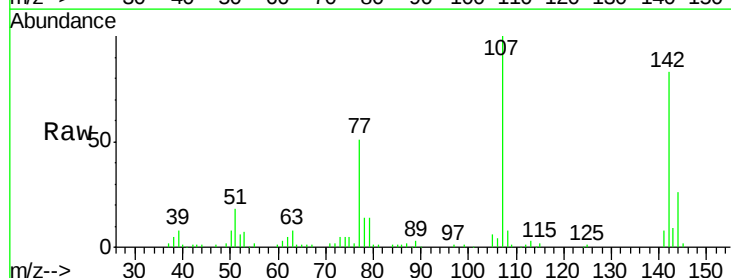
Tgt Ion:107 Resp: 141394

Ion Ratio Lower Upper

107 100

144 26.5 20.1 30.1

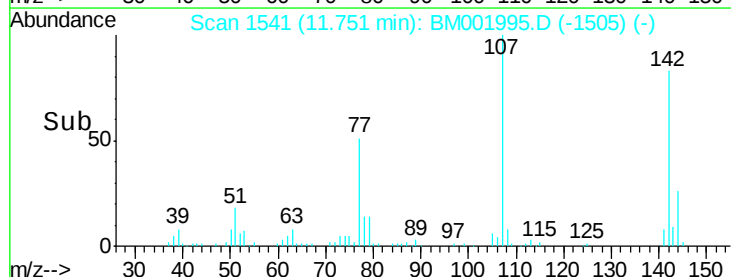
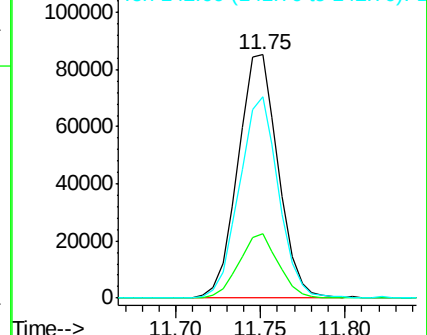
142 82.6 62.8 94.2

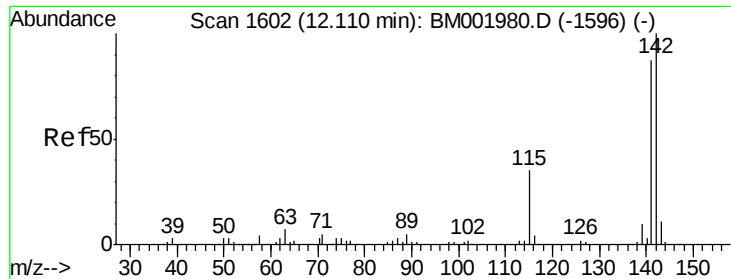


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

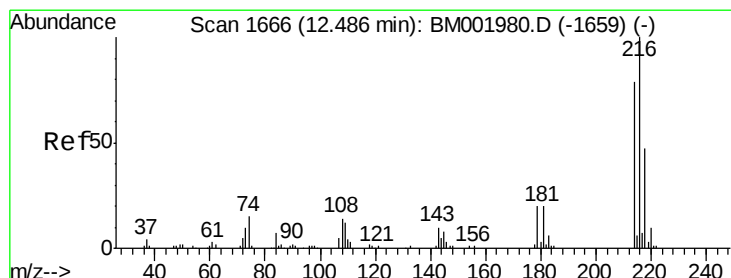
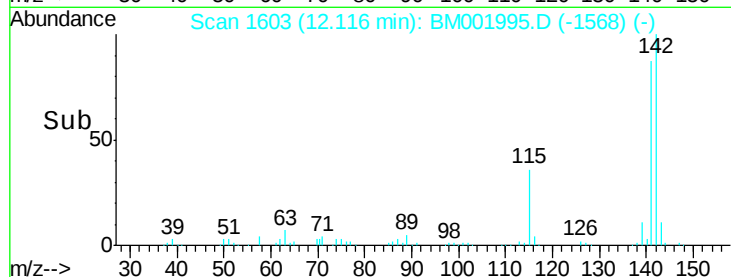
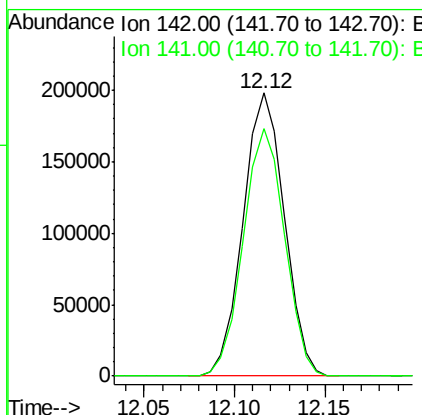
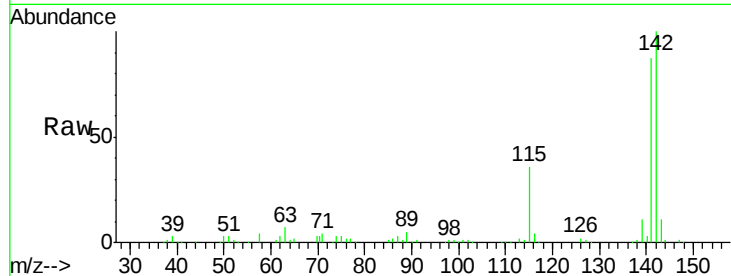




#34
 2-Methylnaphthalene
 Concen: 18.73 ng/u1
 RT: 12.12 min Scan# 1603
 Delta R.T. 0.01 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

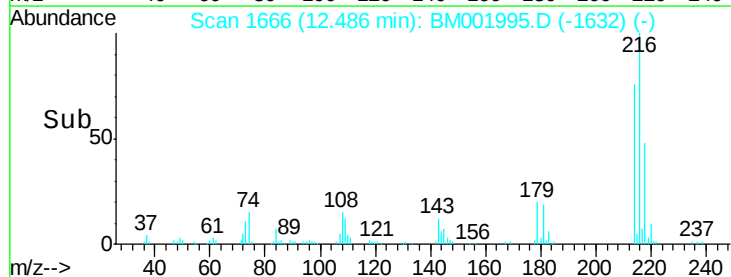
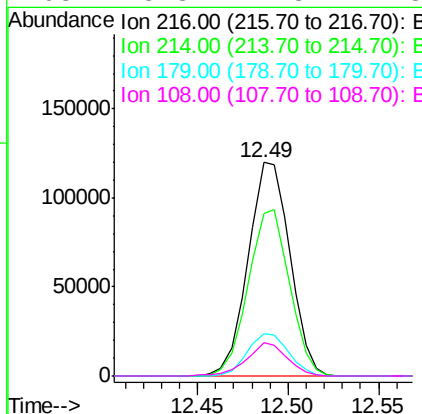
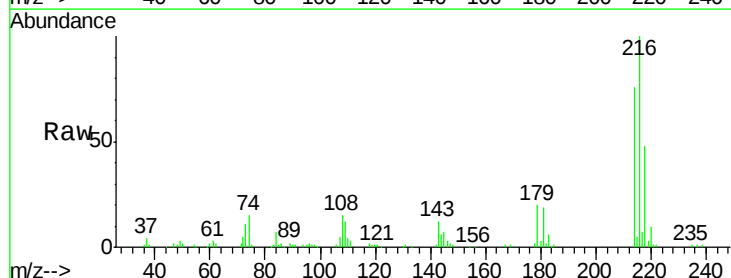
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

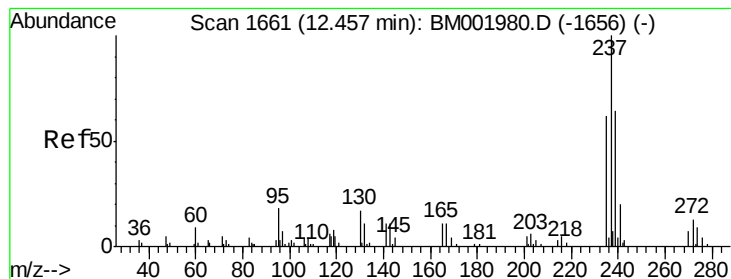
Tgt Ion:142 Resp: 314260
 Ion Ratio Lower Upper
 142 100
 141 87.4 71.3 106.9



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.99 ng/u1
 RT: 12.49 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

Tgt Ion:216 Resp: 193016
 Ion Ratio Lower Upper
 216 100
 214 76.0 64.2 96.4
 179 20.1 16.1 24.1
 108 15.3 11.8 17.8





#37

Hexachlorocyclopentadiene

Concen: 6.86 ng/ul

RT: 12.46 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

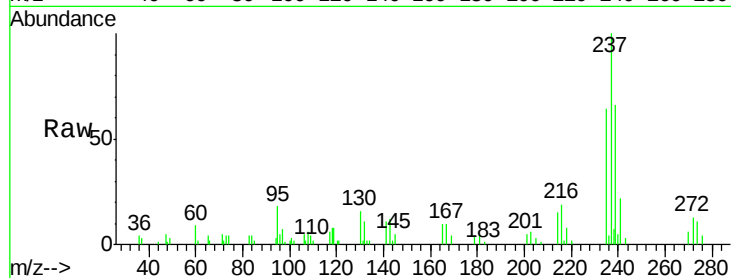
Tgt Ion:237 Resp: 36236

Ion Ratio Lower Upper

237 100

235 64.3 50.8 76.2

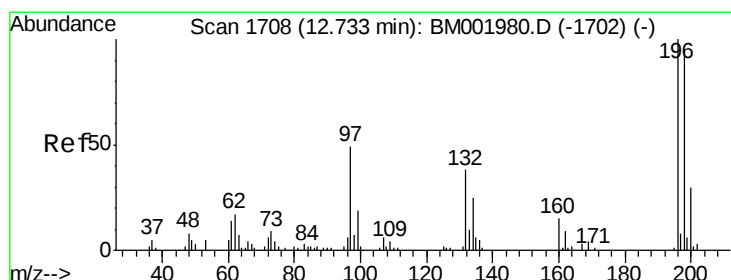
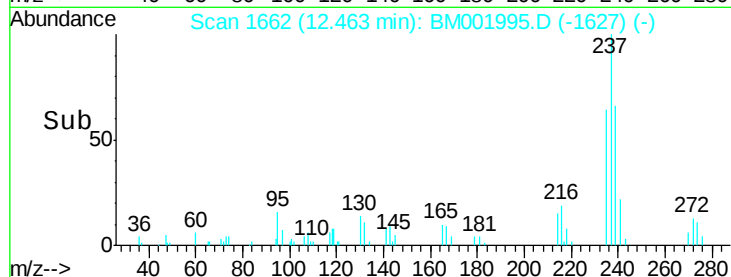
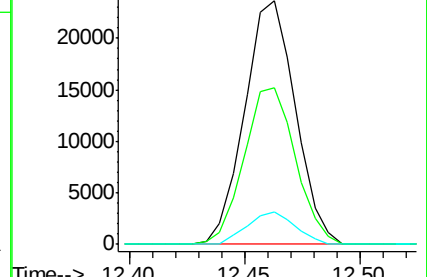
272 13.1 9.9 14.9



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: 19.91 ng/ul

RT: 12.74 min Scan# 1709

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

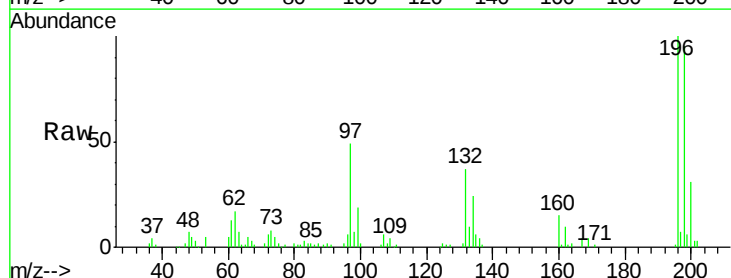
Tgt Ion:196 Resp: 114549

Ion Ratio Lower Upper

196 100

198 95.4 76.8 115.2

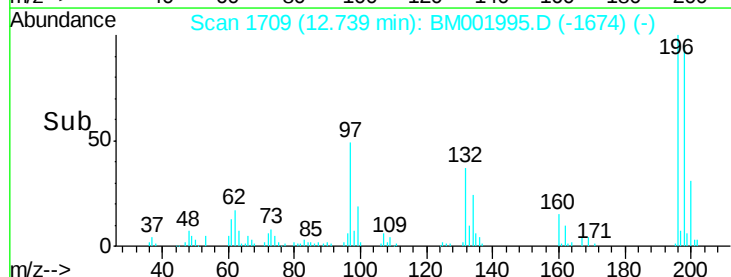
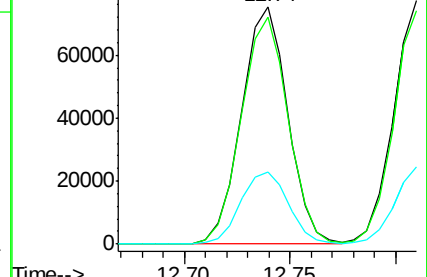
200 30.5 24.9 37.3

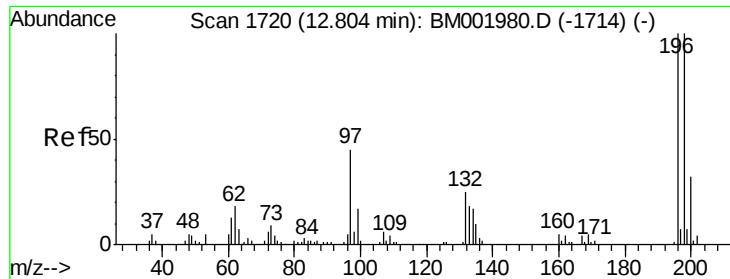


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

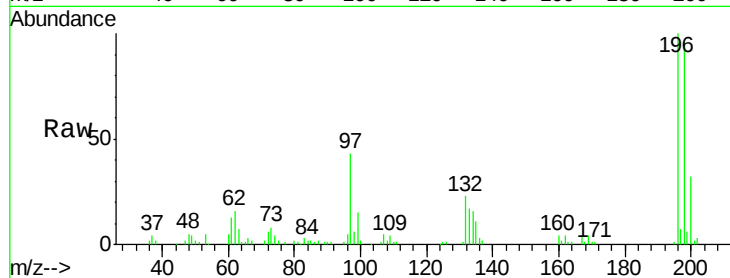




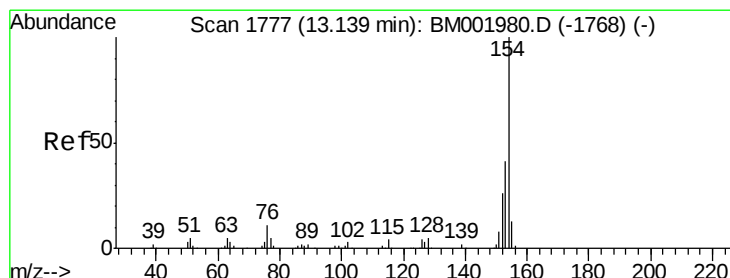
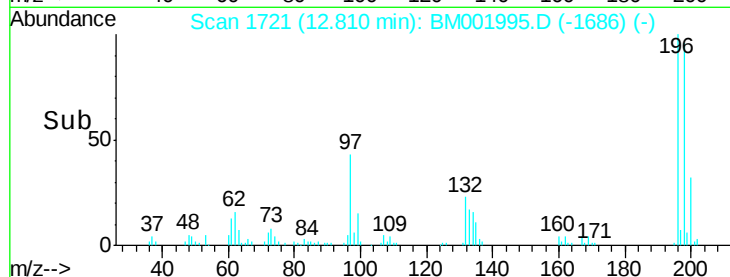
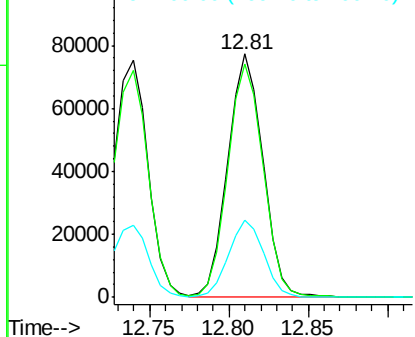
#39
 2,4,5-Trichlorophenol
 Concen: 19.04 ng/ul
 RT: 12.81 min Scan# 1721
 Delta R.T. 0.01 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

Tgt Ion:196 Resp: 119328
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.2 114.4
 200 31.9 24.4 36.6

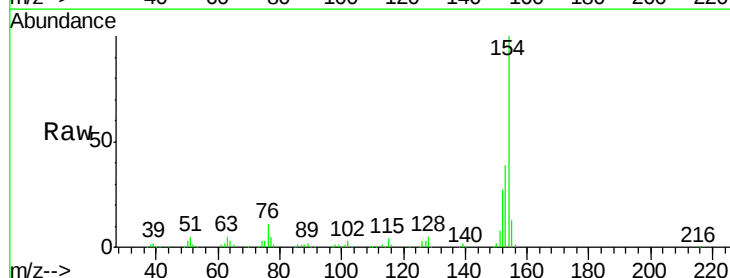


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

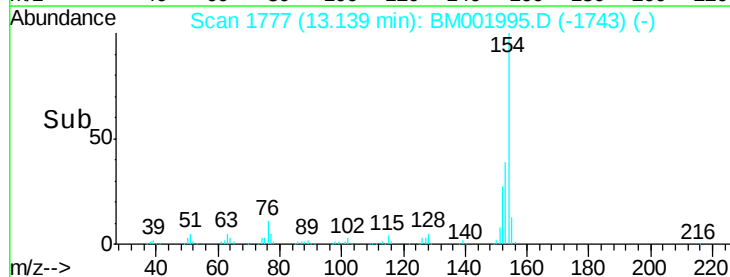
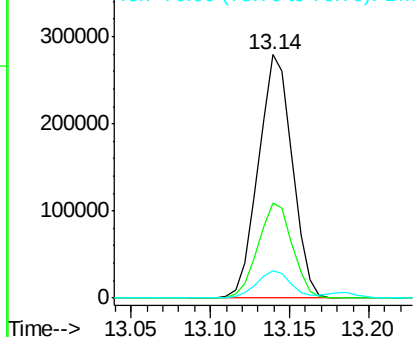


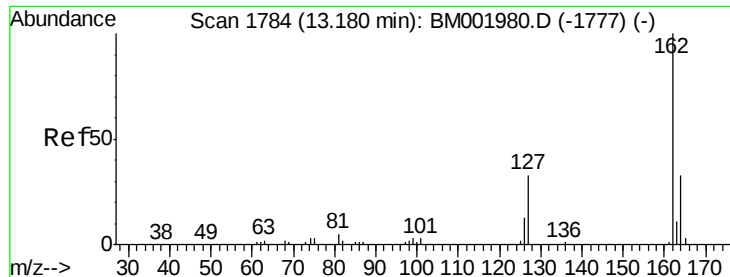
#40
 1,1'-Biphenyl
 Concen: 20.14 ng/ul
 RT: 13.14 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

Tgt Ion:154 Resp: 416305
 Ion Ratio Lower Upper
 154 100
 153 39.3 32.2 48.2
 76 11.4 9.2 13.8



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

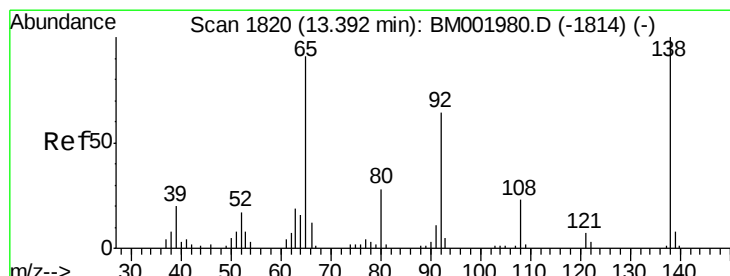
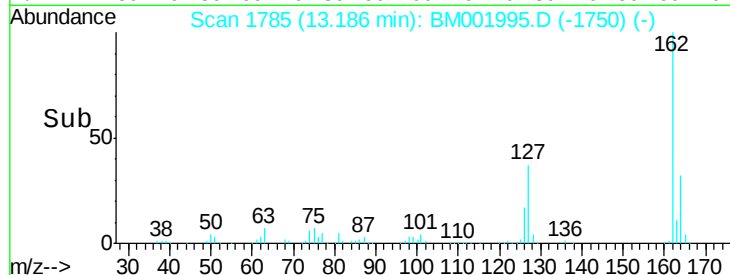
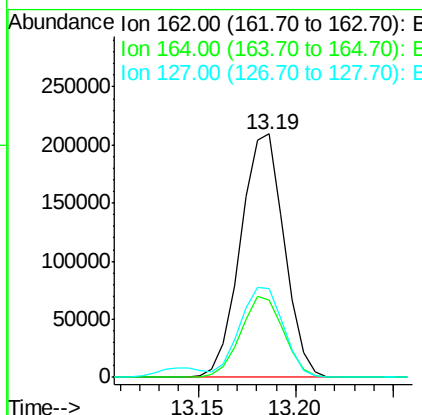
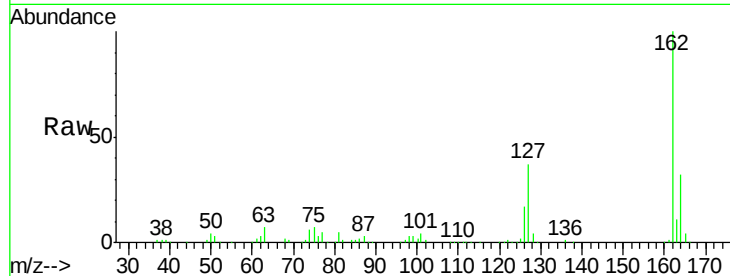




#41
2-Chloronaphthalene
Concen: 20.15 ng/ul
RT: 13.19 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

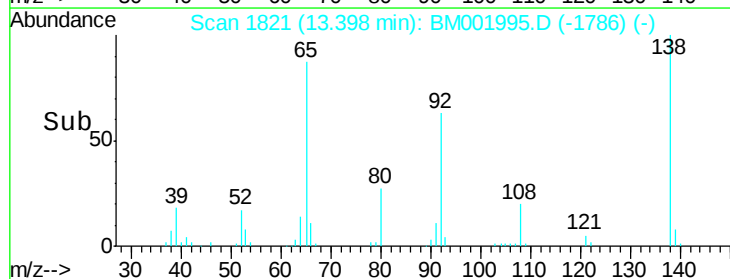
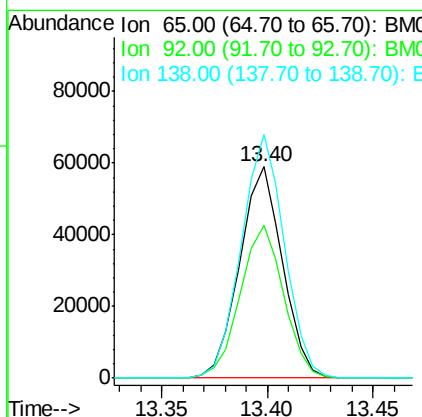
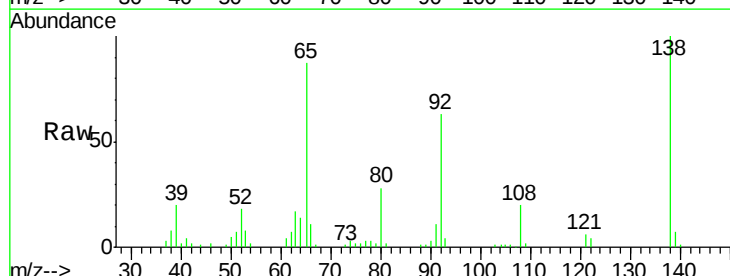
Instrument :
BNA_M
ClientSampleId :
SSTD02059

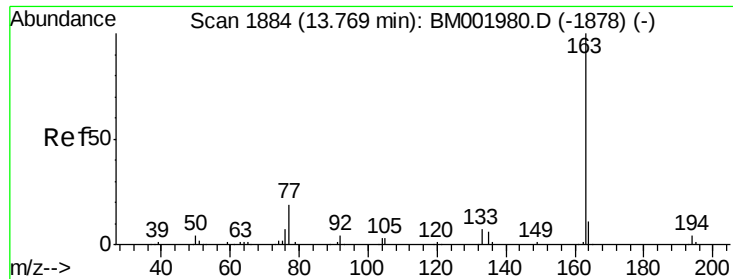
Tgt Ion: 162 Resp: 324386
Ion Ratio Lower Upper
162 100
164 31.8 26.8 40.2
127 36.6 30.1 45.1



#42
2-Nitroaniline
Concen: 18.31 ng/ul
RT: 13.40 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion: 65 Resp: 83044
Ion Ratio Lower Upper
65 100
92 72.2 54.6 82.0
138 115.3 83.2 124.8





#44

Dimethylphthalate

Concen: 18.70 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

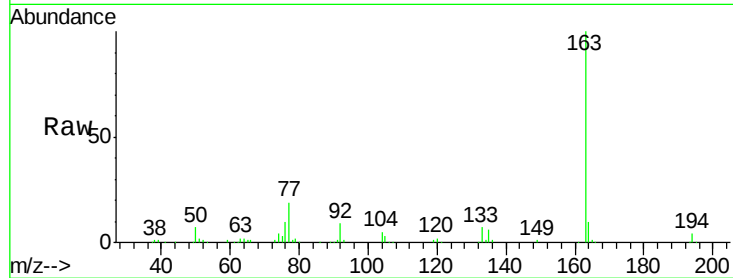
Tgt Ion:163 Resp: 395074

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

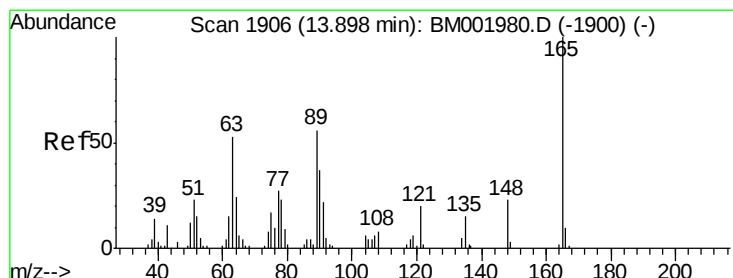
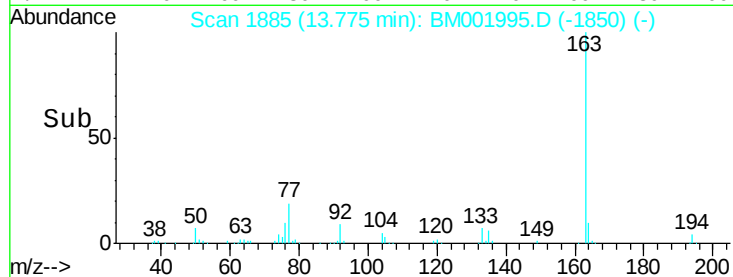
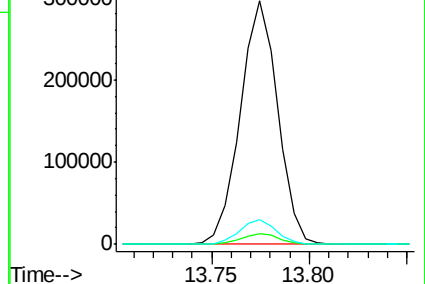
164 10.0 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 18.78 ng/ul

RT: 13.90 min Scan# 1907

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

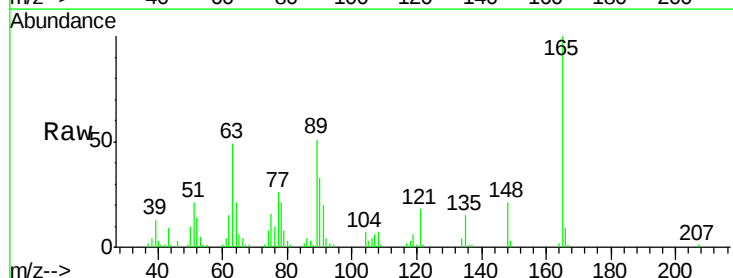
Tgt Ion:165 Resp: 81659

Ion Ratio Lower Upper

165 100

89 51.3 43.3 64.9

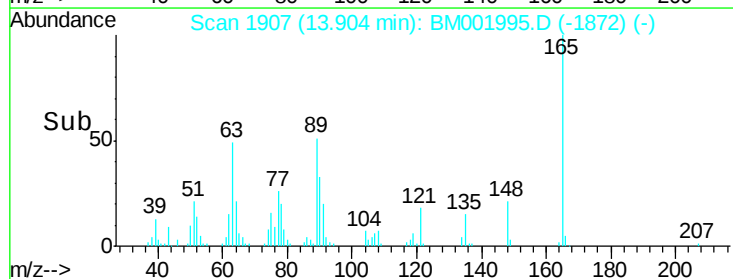
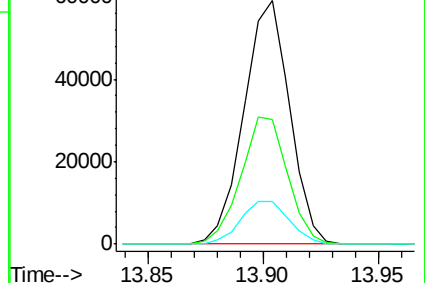
121 17.5 15.5 23.3

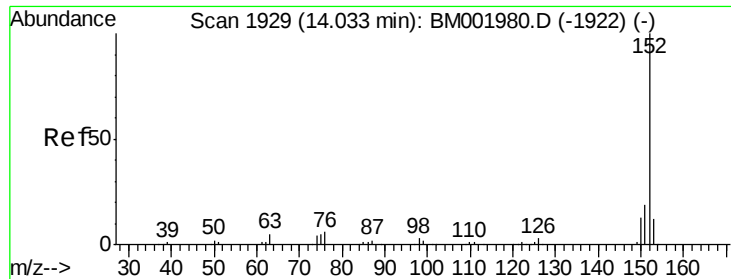


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.40 ng/ul

RT: 14.03 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

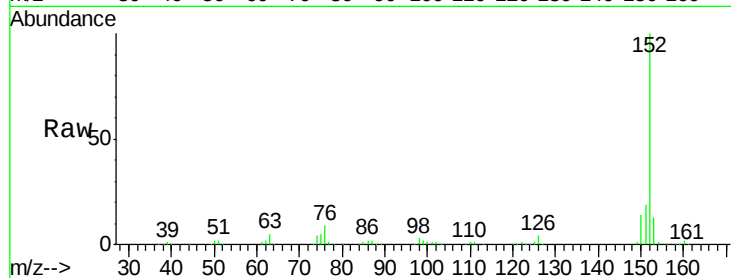
Tgt Ion:152 Resp: 494433

Ion Ratio Lower Upper

152 100

151 19.1 15.7 23.5

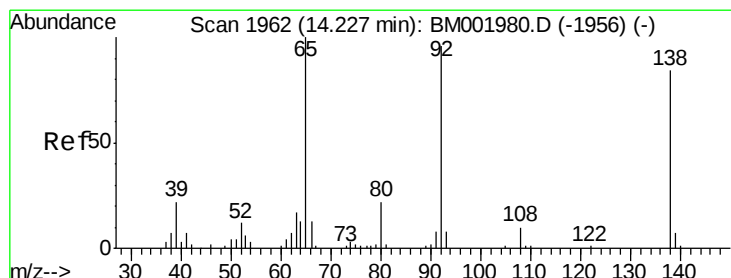
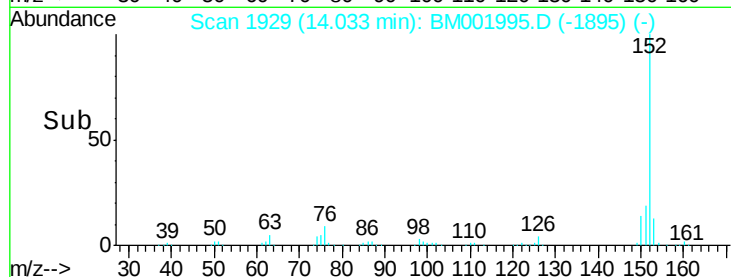
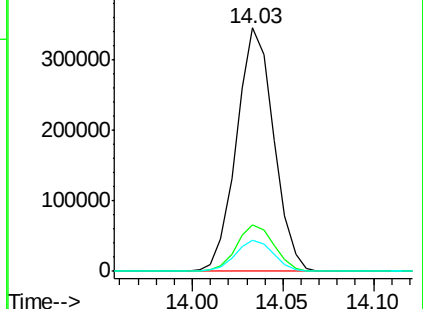
153 12.7 10.7 16.1



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: 21.03 ng/ul

RT: 14.23 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

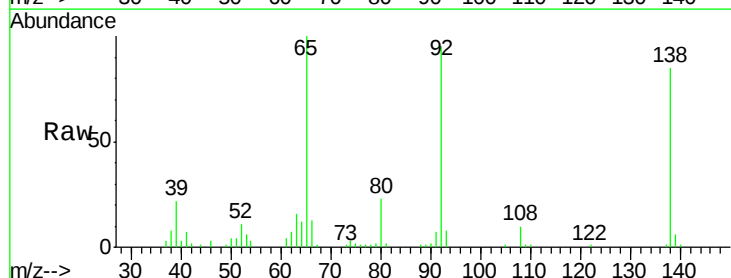
Tgt Ion:138 Resp: 80843

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.2

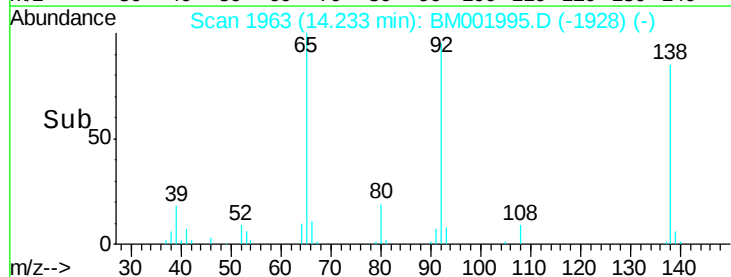
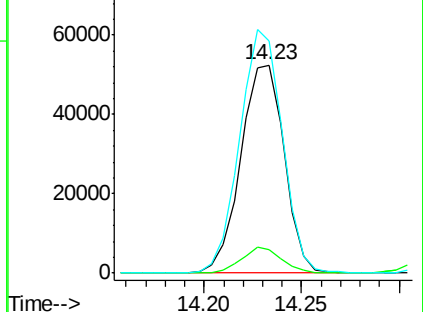
92 111.2 90.5 135.7

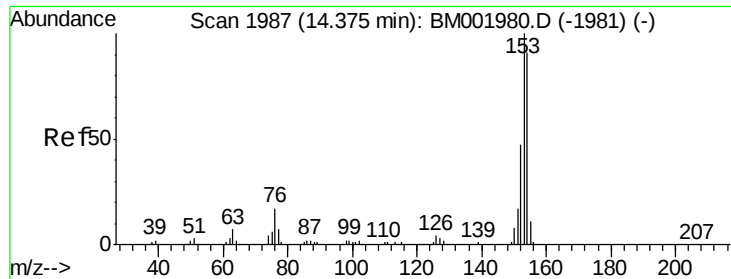


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.26 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

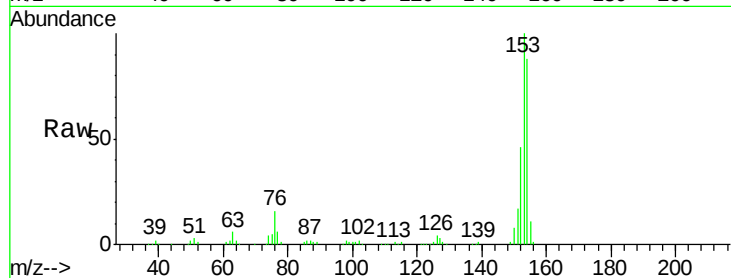
Tgt Ion:153 Resp: 329041

Ion Ratio Lower Upper

153 100

152 46.3 36.6 55.0

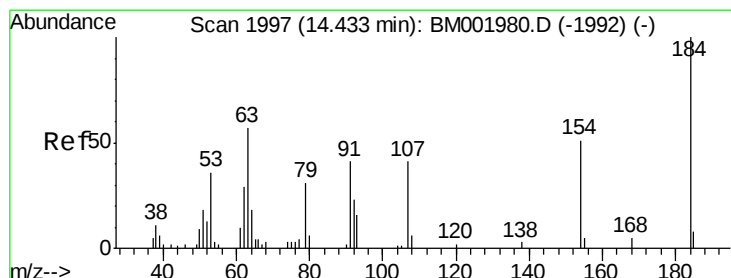
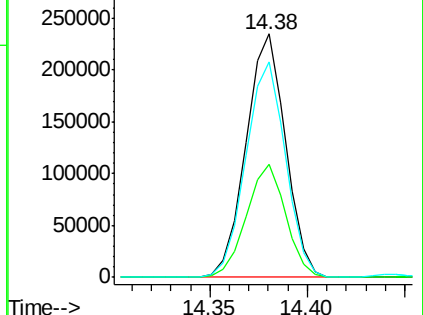
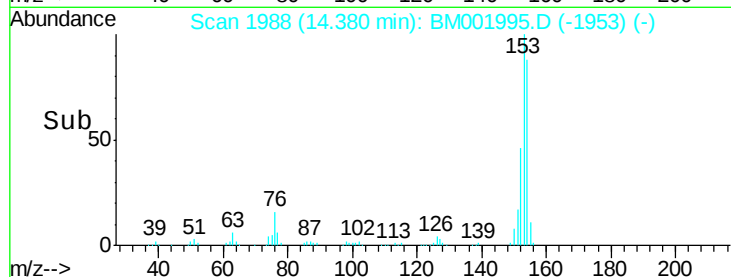
154 88.3 71.1 106.7



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: 2.18 ng/ul

RT: 14.45 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

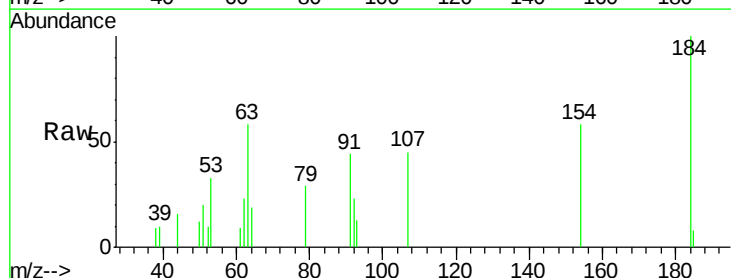
Tgt Ion:184 Resp: 5712

Ion Ratio Lower Upper

184 100

63 58.1 46.2 69.2

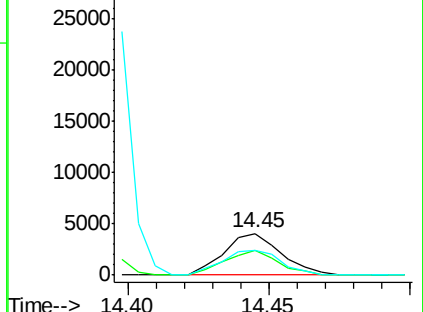
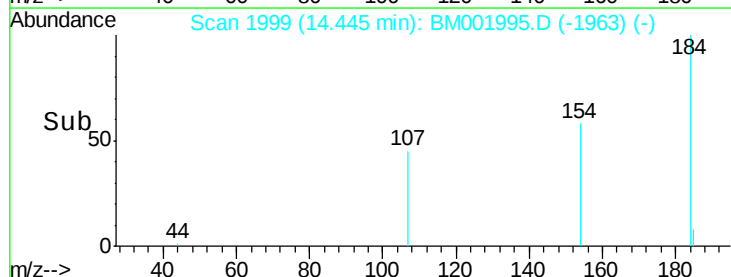
154 58.5 50.2 75.2

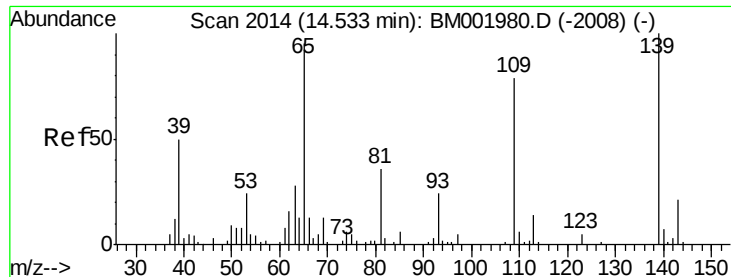


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

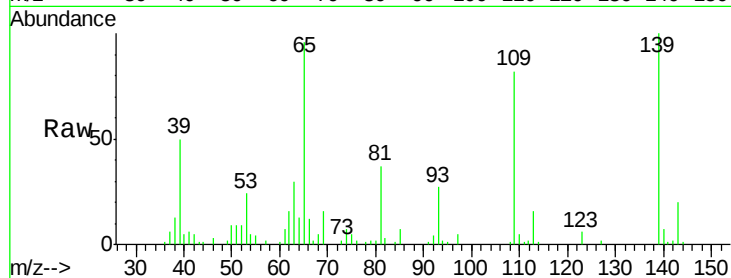




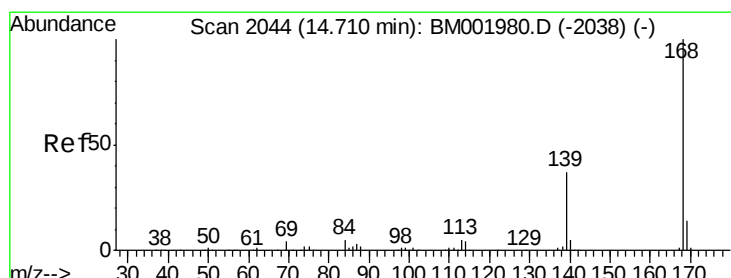
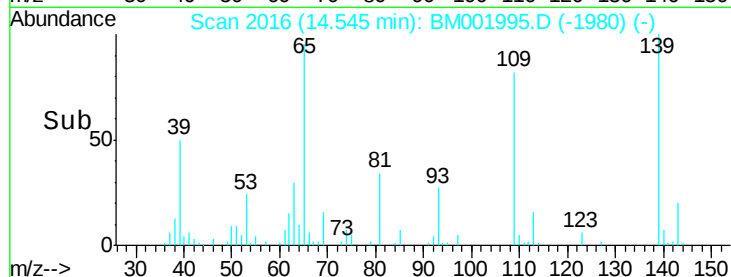
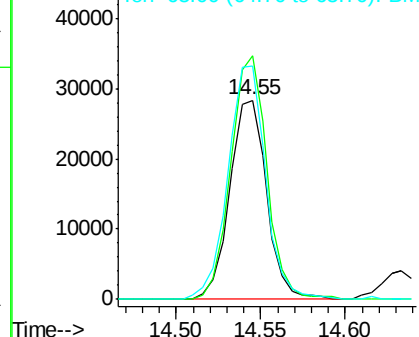
#52
4-Nitrophenol
Concen: 13.28 ng/ul
RT: 14.55 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:109 Resp: 43024
Ion Ratio Lower Upper
109 100
139 122.4 93.9 140.9
65 117.2 95.9 143.9

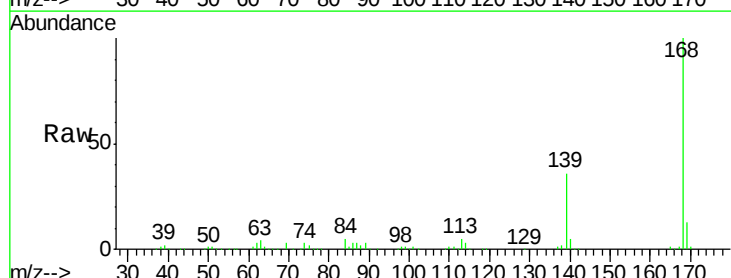


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BMC

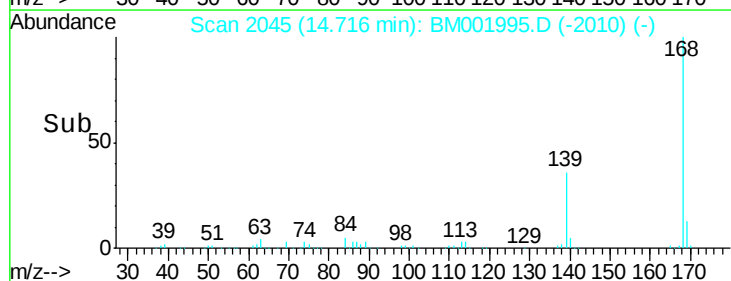
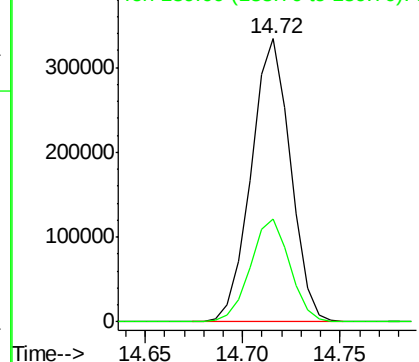


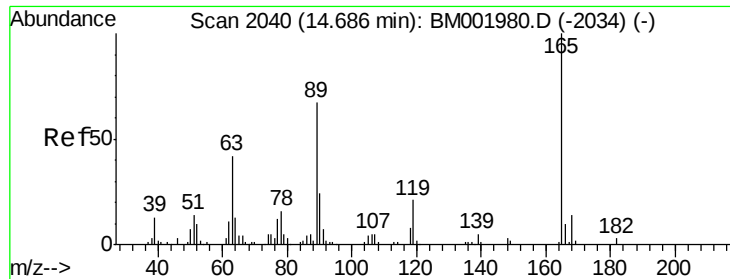
#53
Dibenzofuran
Concen: 18.98 ng/ul
RT: 14.72 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:168 Resp: 465829
Ion Ratio Lower Upper
168 100
139 36.5 29.2 43.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

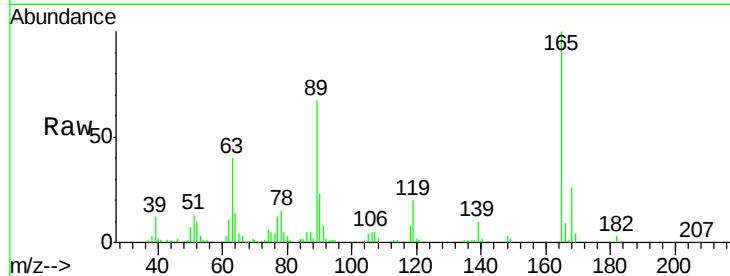




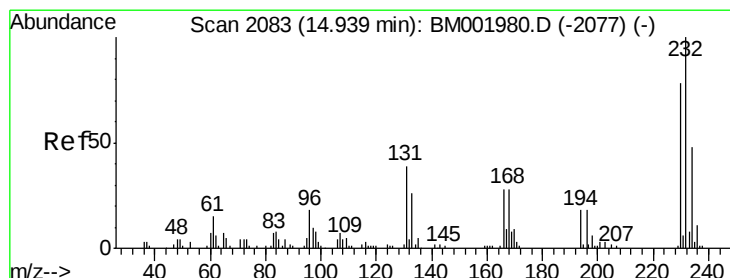
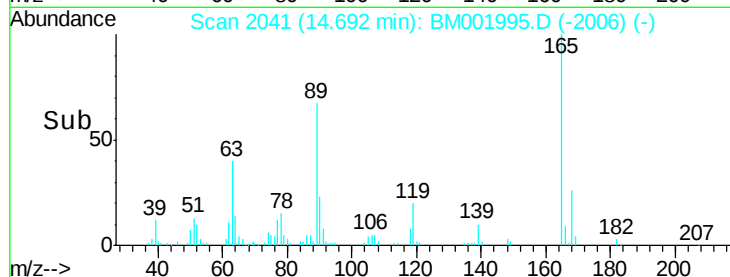
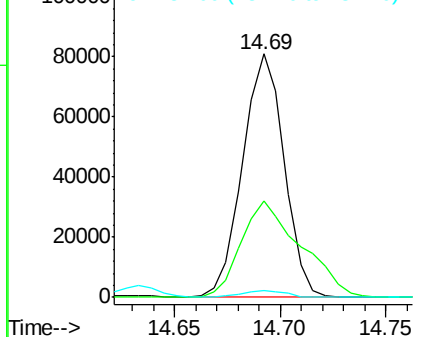
#54
2,4-Dinitrotoluene
Concen: 17.51 ng/ul
RT: 14.69 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:165 Resp: 110503
Ion Ratio Lower Upper
165 100
63 39.7 34.4 51.6
182 2.7 2.1 3.1

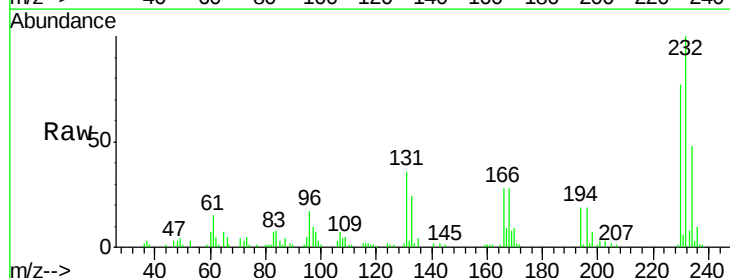


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E

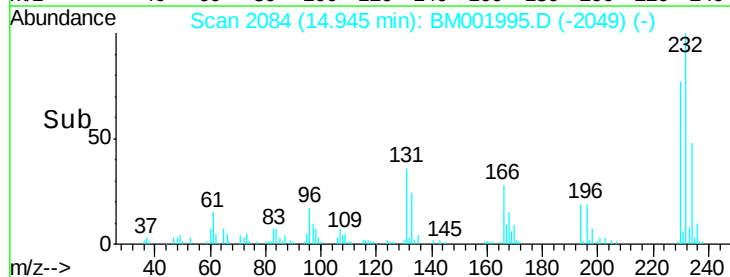
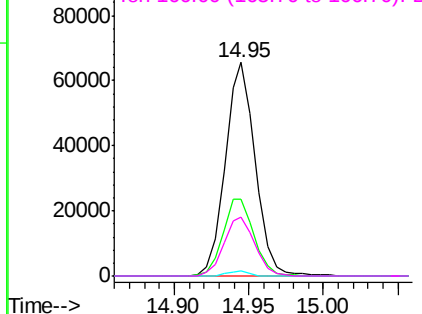


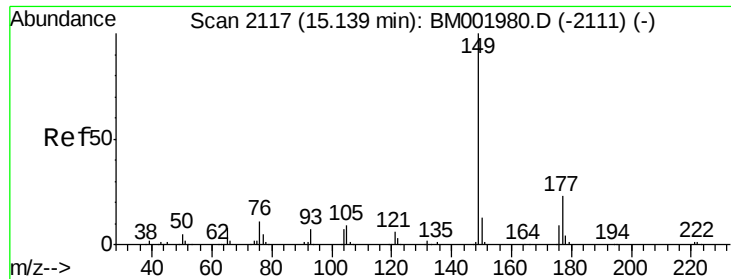
#55
2,3,4,6-Tetrachlorophenol
Concen: 16.68 ng/ul
RT: 14.95 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:232 Resp: 92416
Ion Ratio Lower Upper
232 100
131 36.1 30.8 46.2
130 2.1 2.2 3.2#
166 27.8 22.5 33.7



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

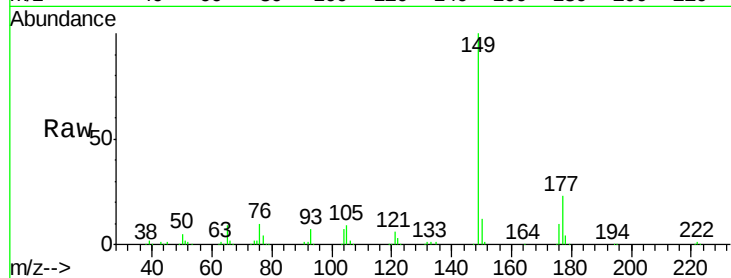




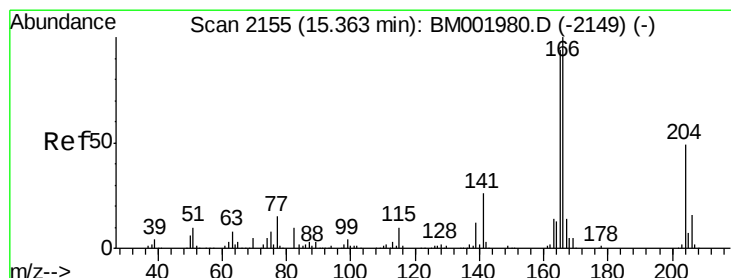
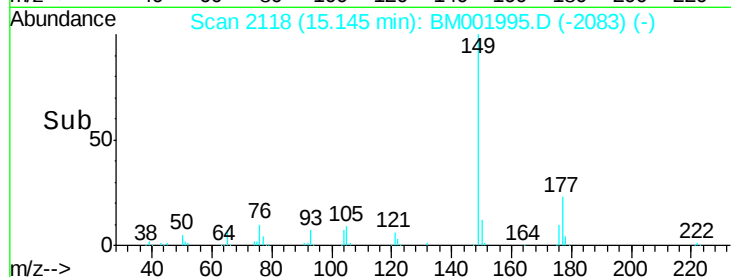
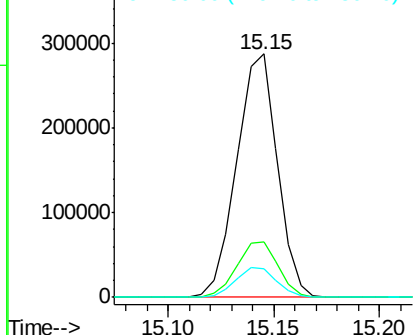
#56
Diethylphthalate
Concen: 18.32 ng/ul
RT: 15.15 min Scan# 2118
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:149 Resp: 383434
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 11.9 10.0 15.0

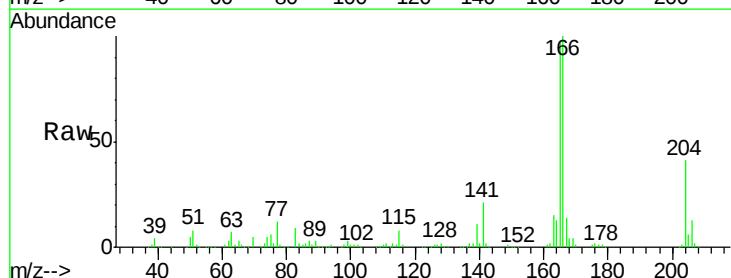


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

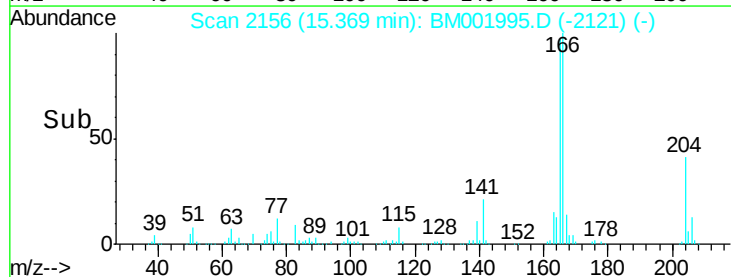
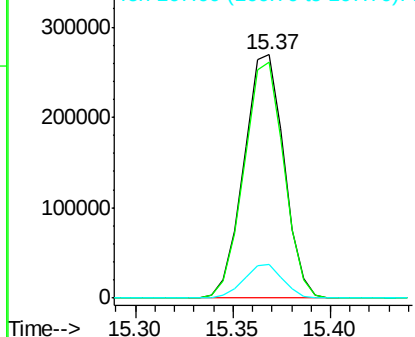


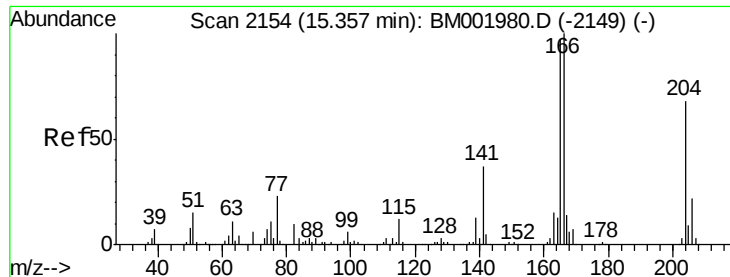
#58
Fluorene
Concen: 18.63 ng/ul
RT: 15.37 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:166 Resp: 383570
Ion Ratio Lower Upper
166 100
165 97.0 75.8 113.8
167 13.7 10.7 16.1



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: 19.12 ng/ul

RT: 15.36 min Scan# 2155

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

Instrument :

BNA_M

ClientSampleId :

SSTD02059

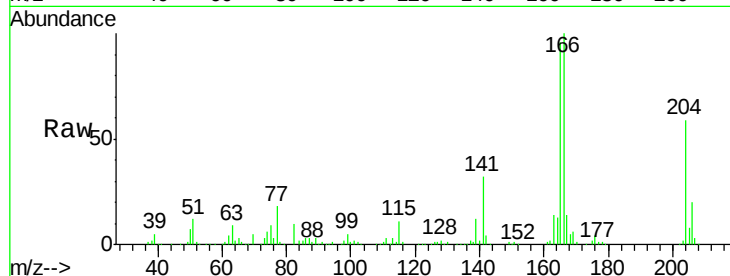
Tgt Ion:204 Resp: 213225

Ion Ratio Lower Upper

204 100

206 33.8 26.9 40.3

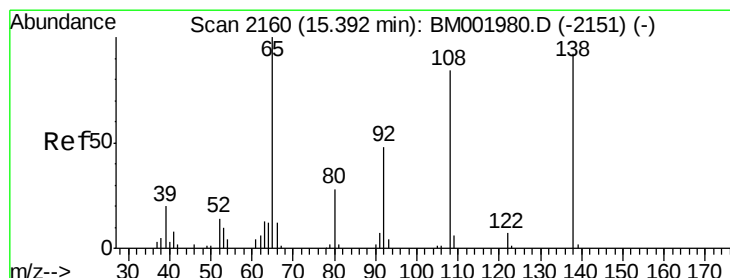
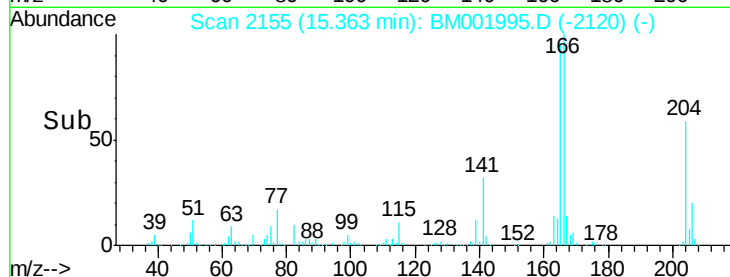
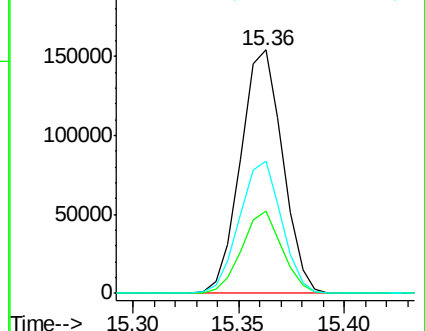
141 54.3 44.1 66.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 19.47 ng/ul

RT: 15.40 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BM001995.D

Acq: 21 Jul 2015 04:07

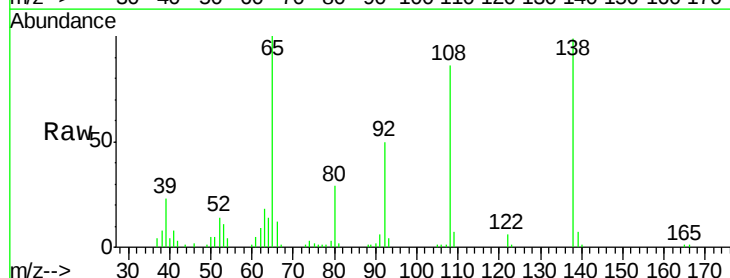
Tgt Ion:138 Resp: 78771

Ion Ratio Lower Upper

138 100

92 49.9 42.7 64.1

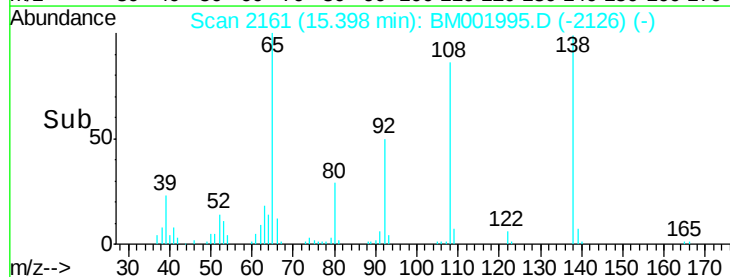
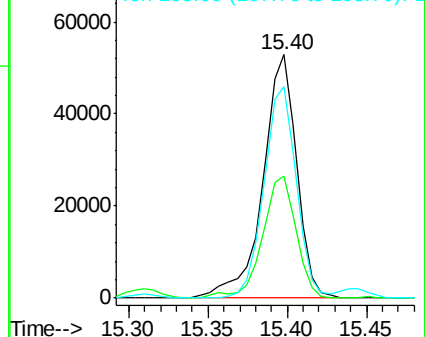
108 86.8 77.7 116.5

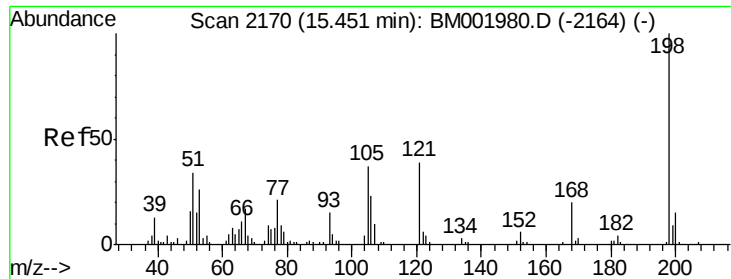


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E

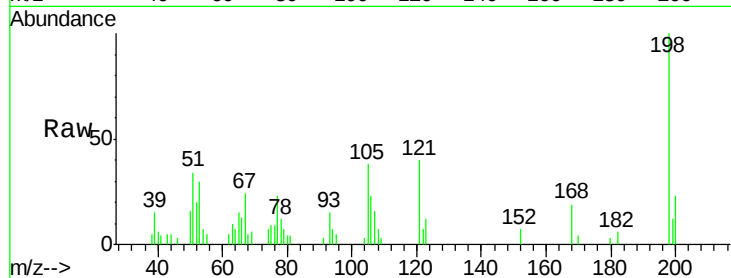




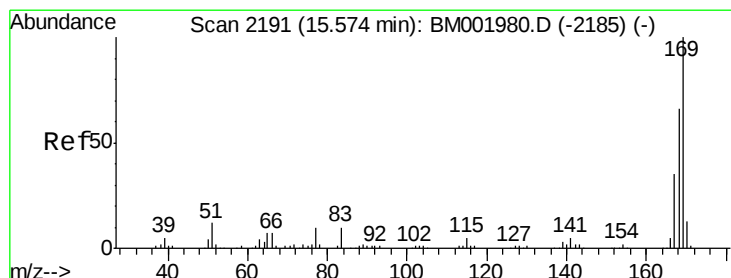
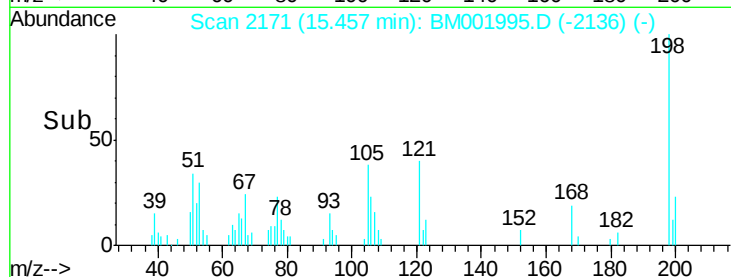
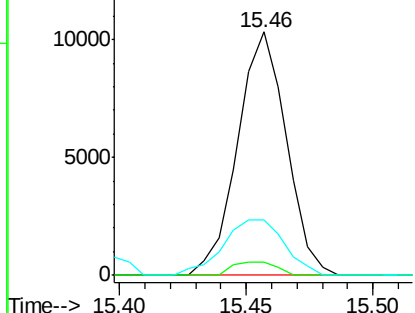
#63
 4,6-Dinitro-2-methylphenol
 Concen: 3.85 ng/ul
 RT: 15.46 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

Instrument :
 BNA_M
 ClientSampleId :
 SST02059

Tgt Ion:198 Resp: 13853
 Ion Ratio Lower Upper
 198 100
 182 5.5 2.9 4.3#
 77 22.9 17.7 26.5

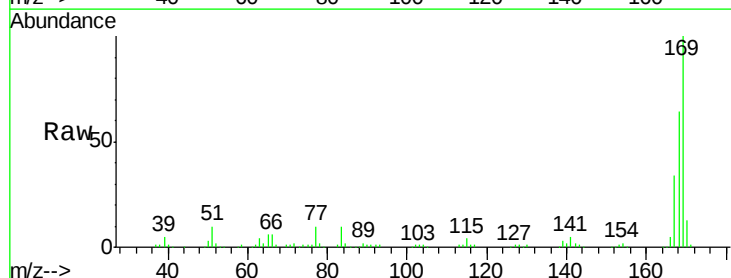


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

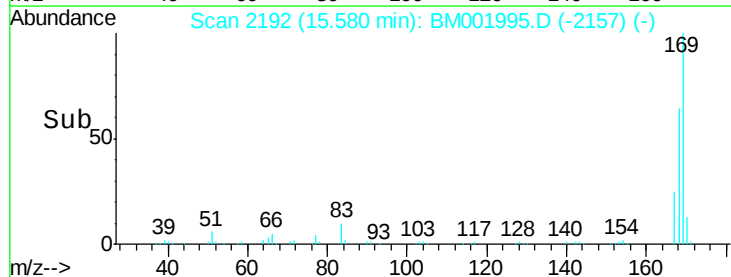
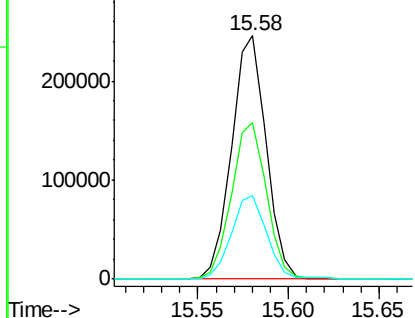


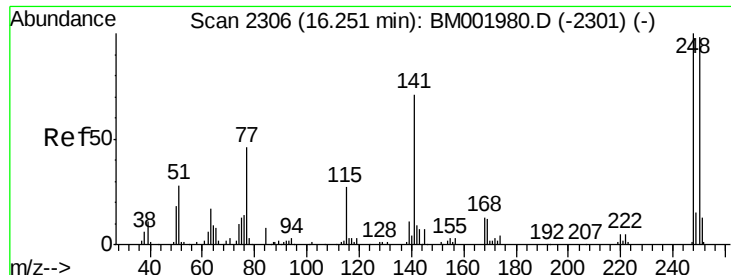
#64
 N-Nitrosodiphenylamine
 Concen: 20.80 ng/ul
 RT: 15.58 min Scan# 2192
 Delta R.T. 0.01 min
 Lab File: BM001995.D
 Acq: 21 Jul 2015 04:07

Tgt Ion:169 Resp: 325525
 Ion Ratio Lower Upper
 169 100
 168 64.5 52.2 78.4
 167 34.1 28.2 42.2



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

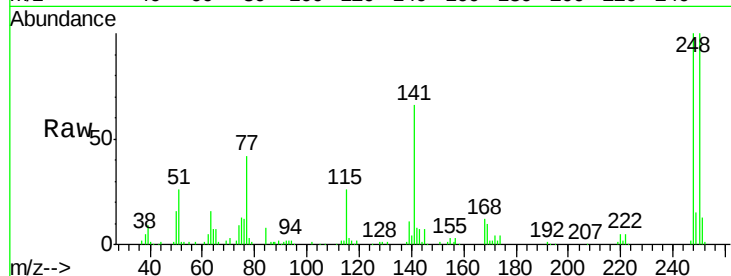




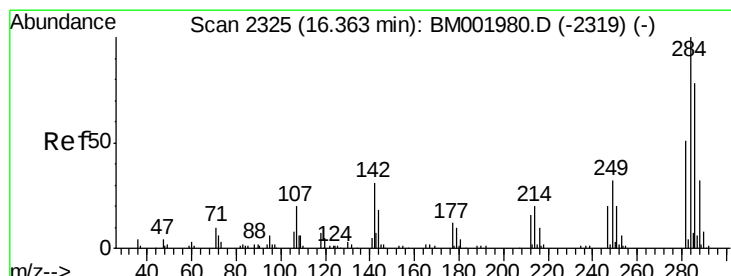
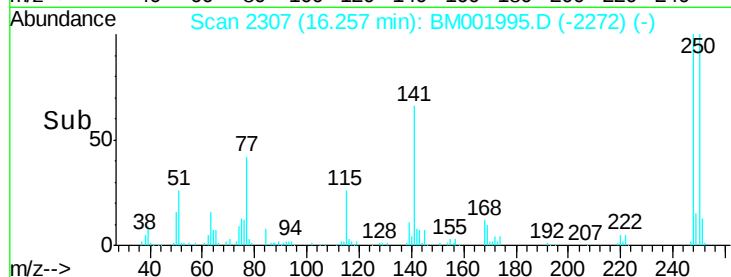
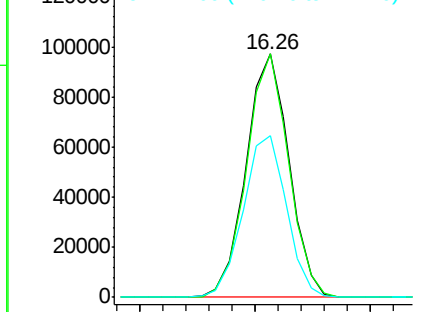
#65
4-Bromophenyl-phenylether
Concen: 21.06 ng/ul
RT: 16.26 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:248 Resp: 126140
Ion Ratio Lower Upper
248 100
250 100.0 79.0 118.6
141 66.5 53.8 80.6

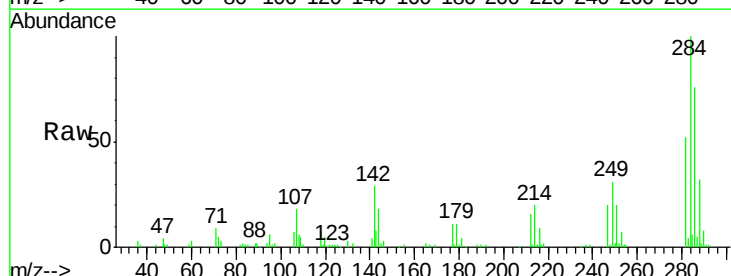


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

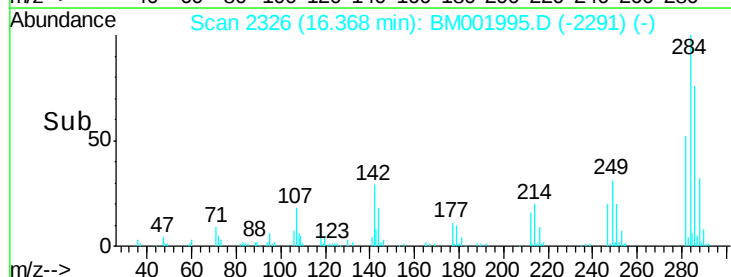
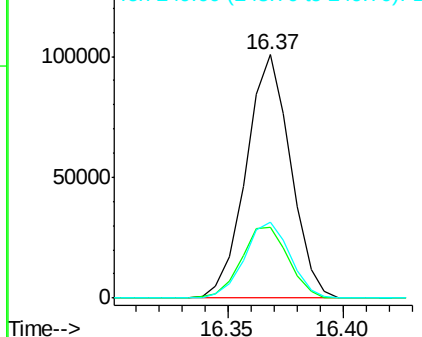


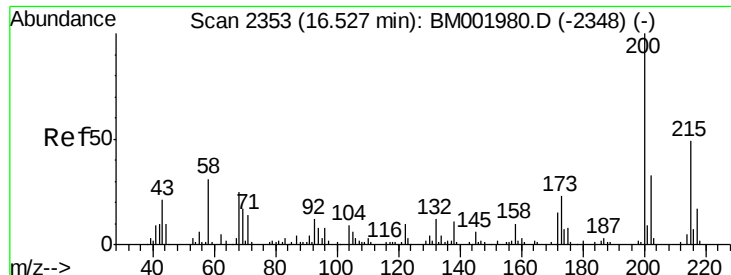
#66
Hexachlorobenzene
Concen: 20.37 ng/ul
RT: 16.37 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:284 Resp: 135055
Ion Ratio Lower Upper
284 100
142 28.9 26.1 39.1
249 31.3 26.6 39.8



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

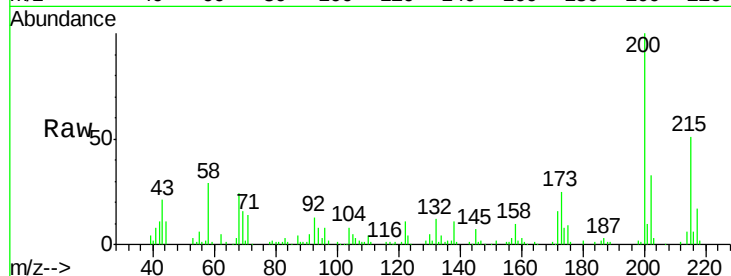




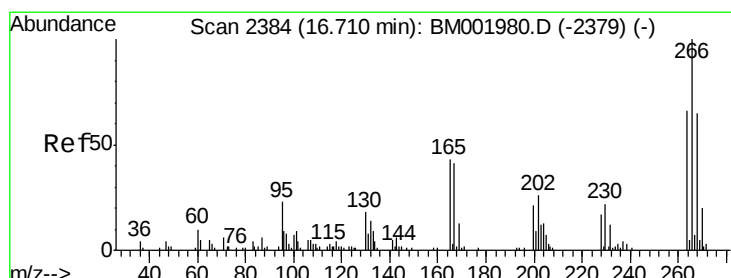
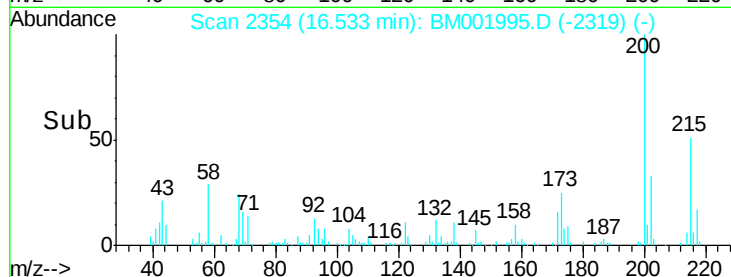
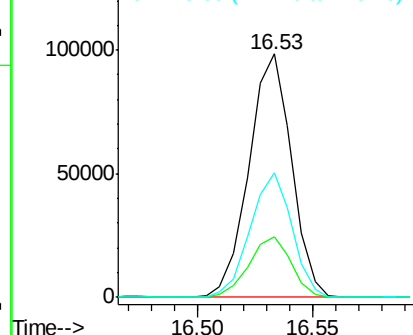
#67
Atrazine
Concen: 20.48 ng/ul
RT: 16.53 min Scan# 2354
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:200 Resp: 126470
Ion Ratio Lower Upper
200 100
173 24.8 20.6 31.0
215 51.4 39.0 58.6

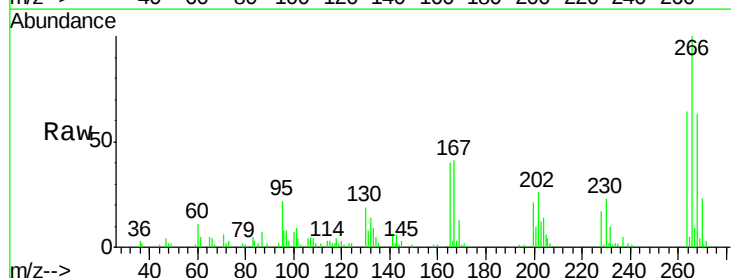


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#68
Pentachlorophenol
Concen: 13.62 ng/ul
RT: 16.72 min Scan# 2385
Delta R.T. 0.01 min
Lab File: BM001995.D
Acq: 21 Jul 2015 04:07

Tgt Ion:266 Resp: 55675
Ion Ratio Lower Upper
266 100
264 63.5 48.5 72.7
268 63.1 49.8 74.6



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

