

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071015\
 Data File : BM001894.D
 Acq On : 10 Jul 2015 15:38
 Operator : TP/UM
 Sample : SSTD04033
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD04033

Quant Time: Jul 11 01:08:36 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 11 01:06:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	54893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	243664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	155355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	361381	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	440996	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	453995	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	34318	25.44	ng/uL	0.00
5) Phenol-d5	6.83	99	392810	73.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	203514	69.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	312217	74.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	327586	75.21	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	155169	73.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	180021	76.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	359138	72.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	354233	67.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1022363	70.57	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1242540	67.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	183386	69.52	ng/ul	0.01
57) Fluorene-d10	15.32	176	881385	67.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	204708	73.66	ng/ul	0.00
70) Anthracene-d10	17.17	188	1391945	67.65	ng/ul	0.00
78) Pyrene-d10	19.47	212	1587004	69.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1896717	73.94	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	35346	23.23	ng/uL 100
4) Benzaldehyde	6.80	77	202962	60.20	ng/ul 98
6) Phenol	6.86	94	407201	73.86	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.09	93	287817	70.93	ng/ul 98
10) 2-Chlorophenol	7.22	128	318153	73.19	ng/ul 100
11) 2-Methylphenol	8.10	108	312336	75.79	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	330673	68.24	ng/ul 99
14) Acetophenone	8.49	105	507150	73.88	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.49	70	259375	76.44	ng/ul 99
16) 4-Methylphenol	8.45	108	342888	76.28	ng/ul 96
17) Hexachloroethane	8.73	117	121031	71.07	ng/ul 99
20) Nitrobenzene	8.87	77	373203	67.32	ng/ul 99
21) Isophorone	9.39	82	696476	72.53	ng/ul 99
23) 2-Nitrophenol	9.57	139	190548	74.26	ng/ul 99
24) 2,4-Dimethylphenol	9.63	107	398267	69.72	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.87	93	401810	68.75	ng/ul 99
27) 2,4-Dichlorophenol	10.10	162	340177	71.56	ng/ul 100
28) Naphthalene	10.50	128	1003240	67.25	ng/ul 100
30) 4-Chloroaniline	10.62	127	361102	68.25	ng/ul 96
31) Hexachlorobutadiene	10.77	225	235323	66.67	ng/ul 98
32) Caprolactam	11.42	113	113576	65.09	ng/ul 98
33) 4-Chloro-3-methylphenol	11.76	107	369807	72.36	ng/ul 100
34) 2-Methylnaphthalene	12.12	142	755344	69.09	ng/ul 100

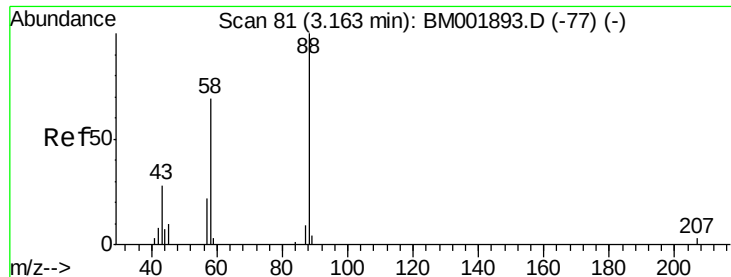
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	460307	65.87	ng/ul	96
37) Hexachlorocyclopentadiene	12.47	237	278335	66.81	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	300556	71.39	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	325504	70.71	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	1015870	66.13	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	799575	66.38	ng/ul	99
42) 2-Nitroaniline	13.40	65	239610	72.40	ng/ul	99
44) Dimethylphthalate	13.79	163	1039154	67.39	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	229272	75.77	ng/ul	99
47) Acenaphthylene	14.04	152	1263317	67.16	ng/ul	99
48) 3-Nitroaniline	14.24	138	196517	68.73	ng/ul	97
49) Acenaphthene	14.39	153	845088	67.57	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	147639	77.79	ng/ul	96
52) 4-Nitrophenol	14.56	109	176099	65.92	ng/ul	95
53) Dibenzofuran	14.72	168	1211484	67.23	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	327842	73.75	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.95	232	291936	72.57	ng/ul	98
56) Diethylphthalate	15.15	149	1029740	69.19	ng/ul	100
58) Fluorene	15.37	166	1034273	68.67	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	551703	67.87	ng/ul	100
60) 4-Nitroaniline	15.42	138	201724	63.63	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.47	198	215936	73.07	ng/ul	95
64) N-Nitrosodiphenylamine	15.59	169	888210	68.59	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	342550	68.83	ng/ul	99
66) Hexachlorobenzene	16.37	284	375441	67.88	ng/ul	98
67) Atrazine	16.54	200	359864	68.41	ng/ul	99
68) Pentachlorophenol	16.72	266	247653	71.08	ng/ul	99
69) Phenanthrene	17.11	178	1591783	66.76	ng/ul	99
71) Anthracene	17.20	178	1662158	67.76	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	456196	66.51	ng/uL	99
73) Pentachlorobenzene	14.64	250	441511	67.82	ng/uL	100
74) Carbazole	17.47	167	1452120	67.30	ng/ul	100
75) Di-n-butylphthalate	18.03	149	1752685	73.49	ng/ul	100
76) Fluoranthene	19.13	202	1958495	68.18	ng/ul	99
79) Pyrene	19.50	202	2055570	68.36	ng/ul	99
80) Butylbenzylphthalate	20.40	149	820786	77.71	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.19	252	694780	68.76	ng/ul	100
82) Benzo(a)anthracene	21.25	228	2158500	68.45	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	1232488	78.36	ng/ul	100
84) Chrysene	21.30	228	1999904	67.31	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	2141939	73.85	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	2206226	67.39	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	2156744	69.32	ng/ul	99
90) Benzo(a)pyrene	23.41	252	2147903	68.09	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.77	276	2544078	68.09	ng/ul	98
92) Dibenzo(a,h)anthracene	25.77	278	2173294	68.77	ng/ul	99
93) Benzo(g,h,i)perylene	26.46	276	2114820	67.62	ng/ul	100

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



#2

1,4-Dioxane

Concen: 23.23 ng/uL

RT: 3.16 min Scan# 81

Delta R.T. 0.00 min

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BNA_M

ClientSampleId :

SSTD04033

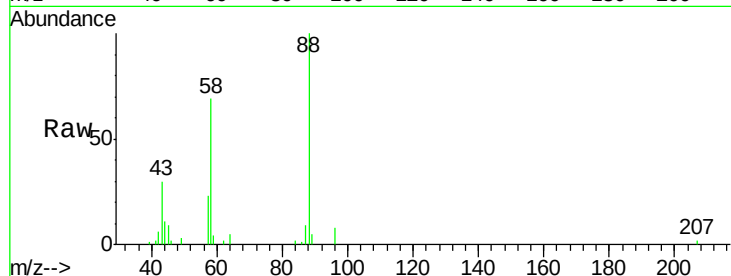
Tgt Ion: 88 Resp: 35346

Ion Ratio Lower Upper

88 100

43 31.0 25.2 37.8

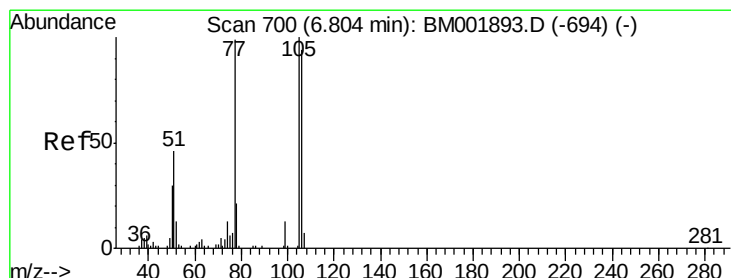
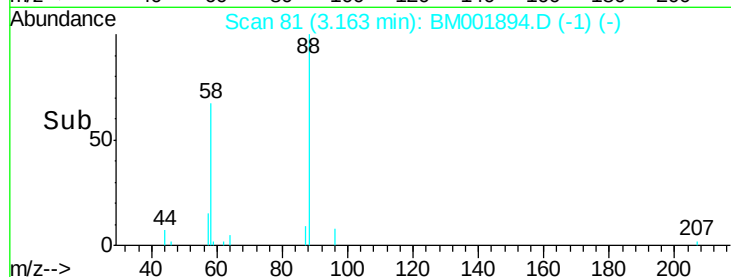
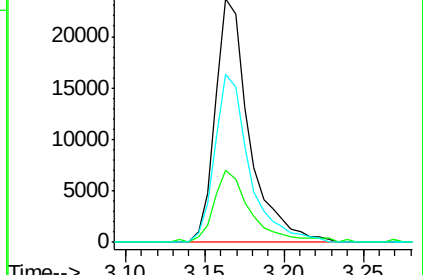
58 69.7 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): BM001894.D (-77) (-)

Ion 43.00 (42.70 to 43.70): BM001894.D (-77) (-)

Ion 58.00 (57.70 to 58.70): BM001894.D (-77) (-)



#4

Benzaldehyde

Concen: 60.20 ng/uL

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

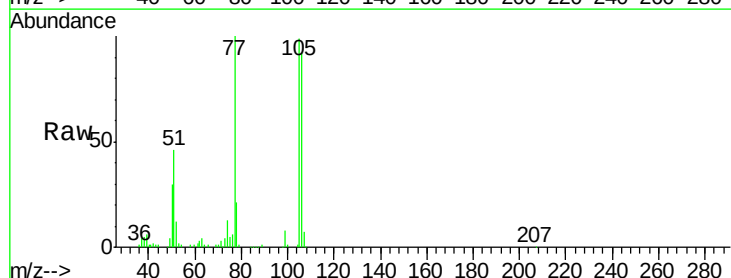
Tgt Ion: 77 Resp: 202962

Ion Ratio Lower Upper

77 100

105 98.8 80.7 121.1

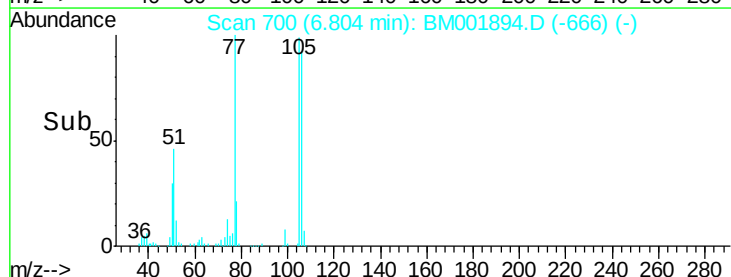
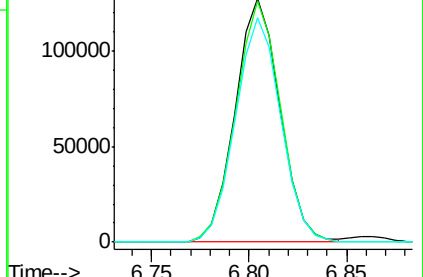
106 92.2 75.6 113.4

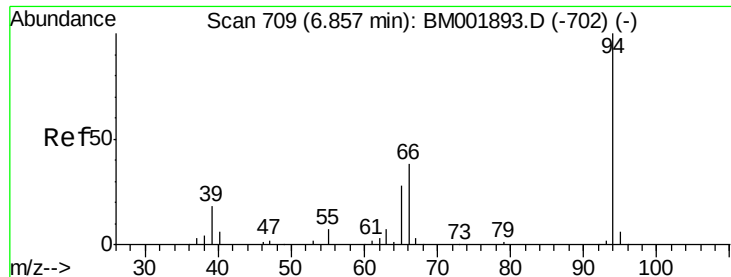


Abundance Ion 77.00 (76.70 to 77.70): BM001894.D (-694) (-)

Ion 105.00 (104.70 to 105.70): BM001894.D (-694) (-)

Ion 106.00 (105.70 to 106.70): BM001894.D (-694) (-)





#6

Phenol

Concen: 73.86 ng/ul

RT: 6.86 min Scan# 710

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

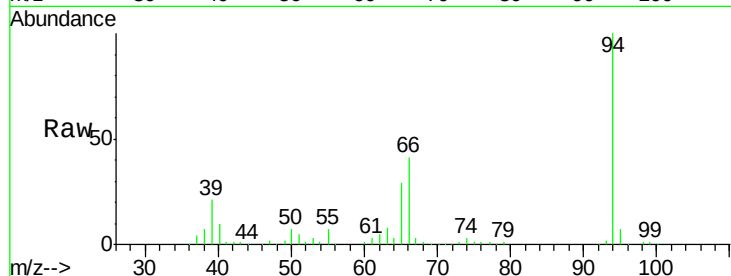
Tgt Ion: 94 Resp: 407201

Ion Ratio Lower Upper

94 100

65 29.1 23.1 34.7

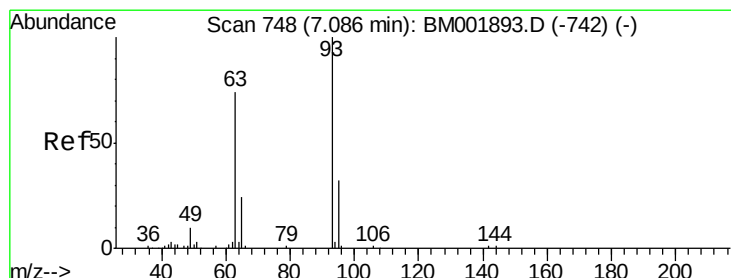
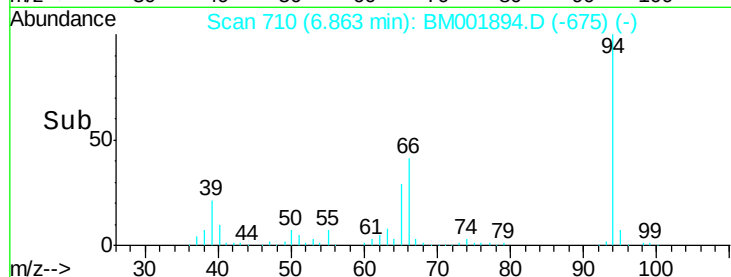
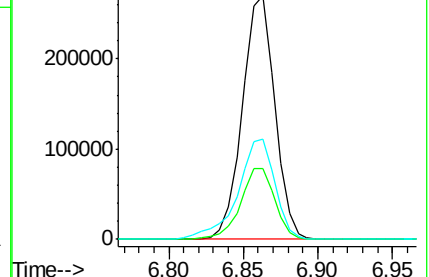
66 41.0 32.5 48.7



Abundance Ion 94.00 (93.70 to 94.70): BM001893.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BM001893.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BM001893.D (-702) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 70.93 ng/ul

RT: 7.09 min Scan# 749

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

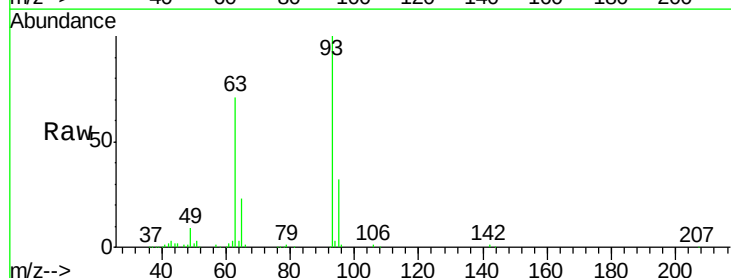
Tgt Ion: 93 Resp: 287817

Ion Ratio Lower Upper

93 100

63 71.4 59.1 88.7

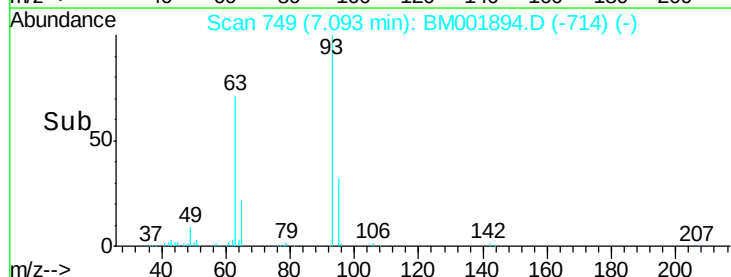
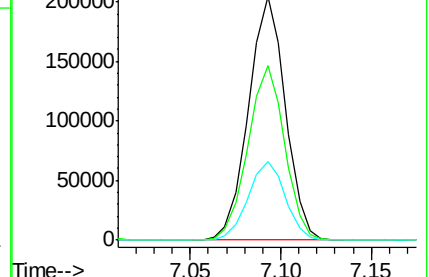
95 32.1 25.8 38.6

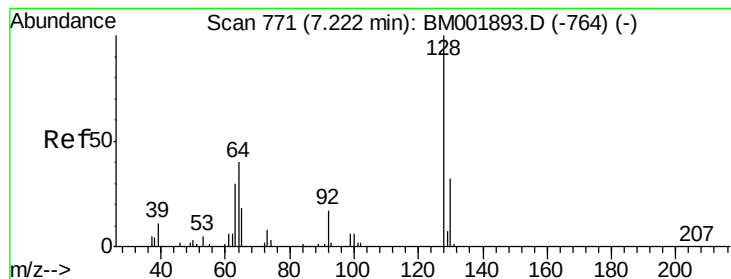


Abundance Ion 93.00 (92.70 to 93.70): BM001893.D (-742) (-)

Ion 63.00 (62.70 to 63.70): BM001893.D (-742) (-)

Ion 95.00 (94.70 to 95.70): BM001893.D (-742) (-)





#10

2-Chlorophenol

Concen: 73.19 ng/ul

RT: 7.22 min Scan# 771

Delta R.T. 0.00 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

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ClientSampleId :

SSTD04033

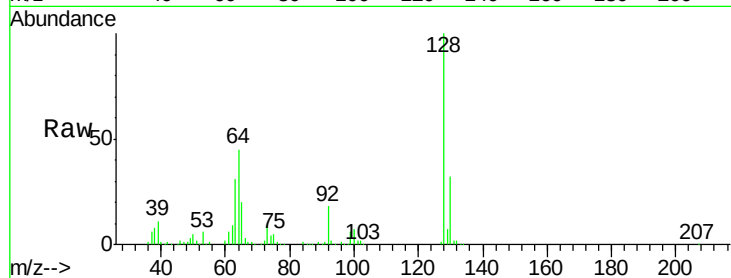
Tgt Ion:128 Resp: 318153

Ion Ratio Lower Upper

128 100

64 45.0 36.1 54.1

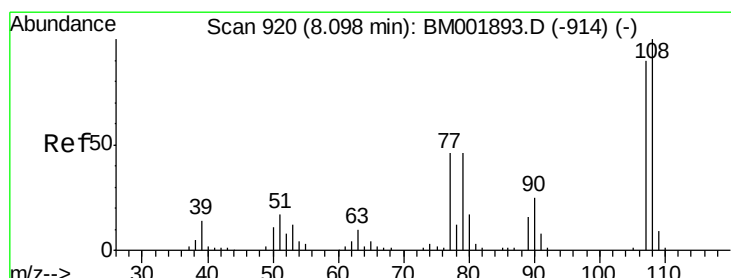
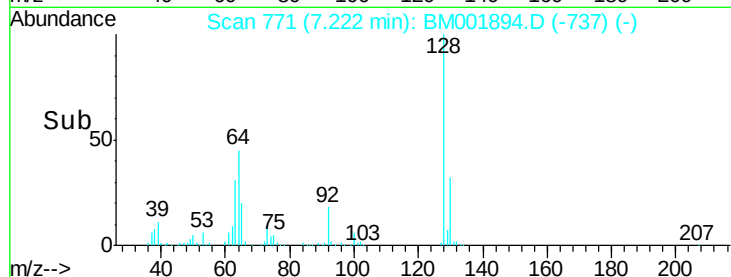
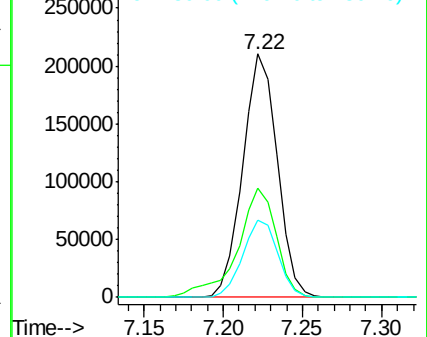
130 31.9 25.3 37.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 75.79 ng/ul

RT: 8.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM001894.D

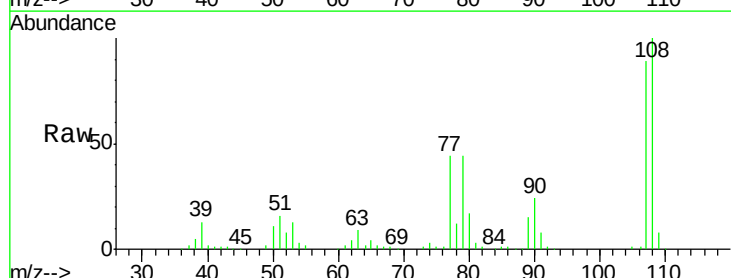
Acq: 10 Jul 2015 15:38

Tgt Ion:108 Resp: 312336

Ion Ratio Lower Upper

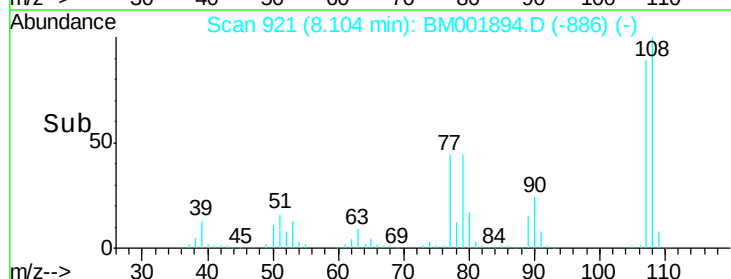
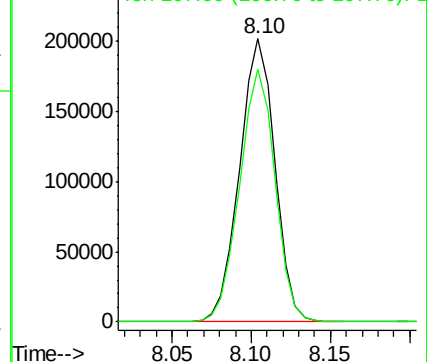
108 100

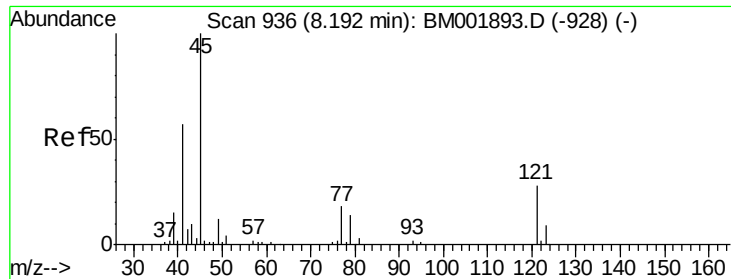
107 89.1 71.9 107.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

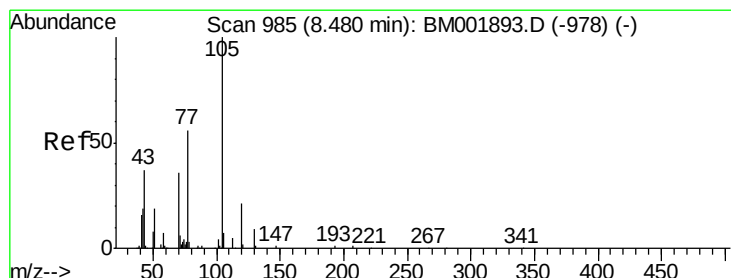
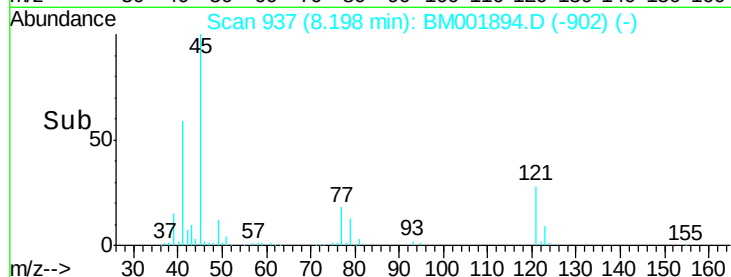
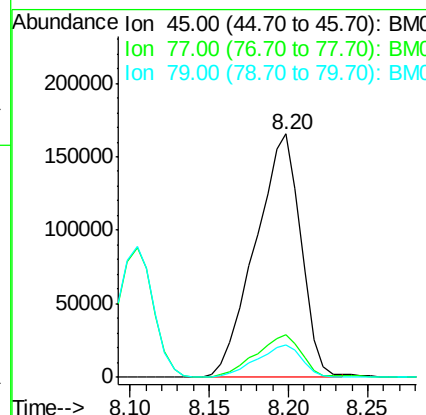
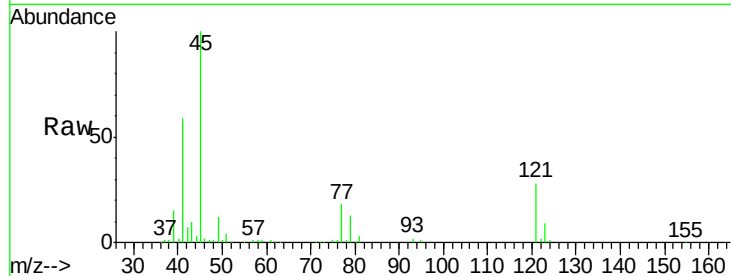




#12
2,2'-oxybis(1-Chloropropane)
Concen: 68.24 ng/ul
RT: 8.20 min Scan# 937
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

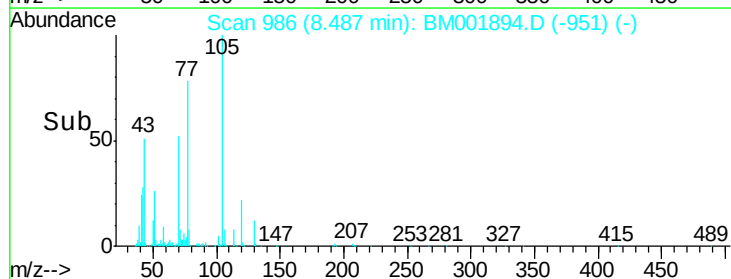
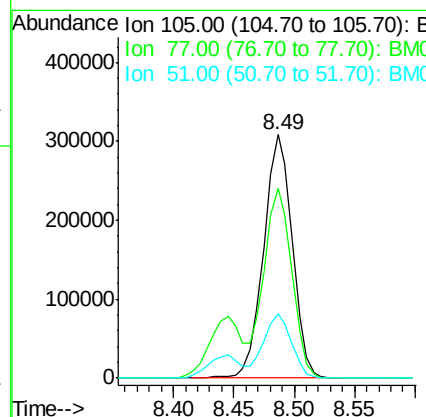
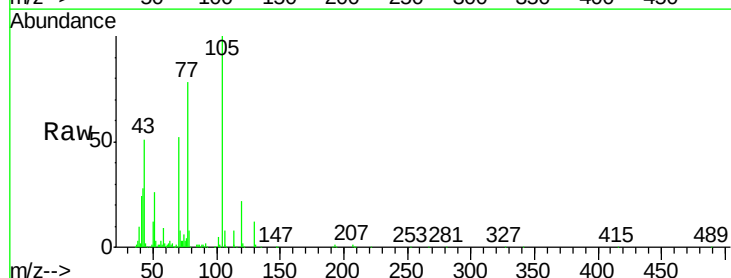
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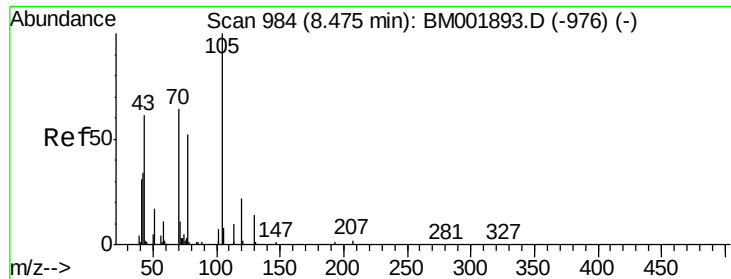
Tgt Ion: 45 Resp: 330673
Ion Ratio Lower Upper
45 100
77 17.7 14.5 21.7
79 13.1 10.9 16.3



#14
Acetophenone
Concen: 73.88 ng/ul
RT: 8.49 min Scan# 986
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

Tgt Ion: 105 Resp: 507150
Ion Ratio Lower Upper
105 100
77 77.8 62.2 93.4
51 26.2 21.4 32.0





#15

N-Nitroso-di-n-propylamine

Concen: 76.44 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

Tgt Ion: 70 Resp: 259375

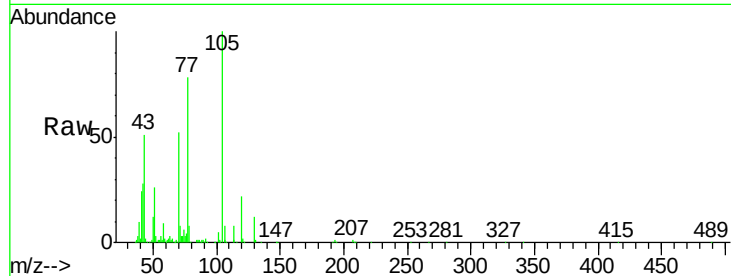
Ion Ratio Lower Upper

70 100

42 54.8 43.4 65.2

101 10.5 8.2 12.4

130 22.7 17.7 26.5

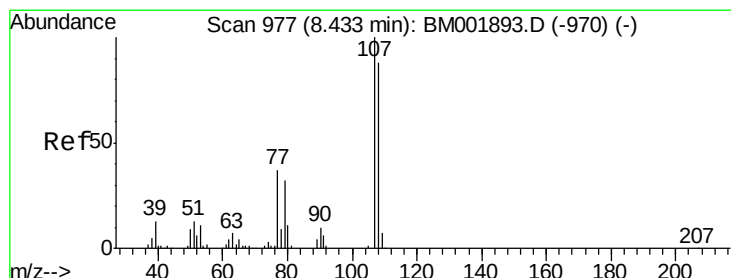
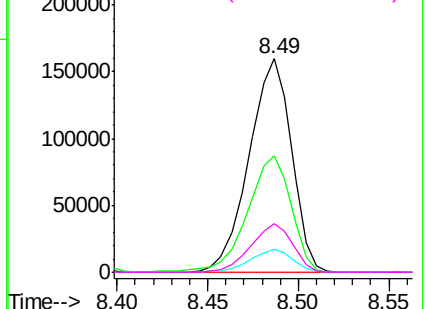
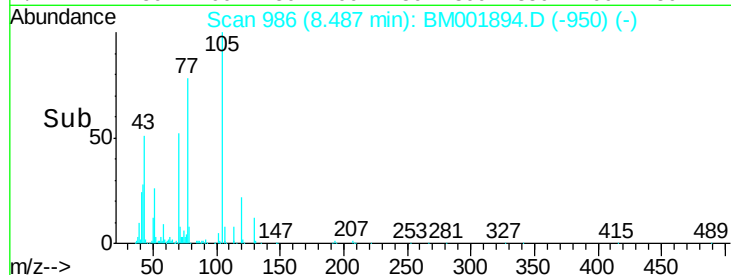


Abundance Ion 70.00 (69.70 to 70.70): BM001894.D (-950) (-)

Ion 42.00 (41.70 to 42.70): BM001894.D (-950) (-)

Ion 101.00 (100.70 to 101.70): BM001894.D (-950) (-)

Ion 130.00 (129.70 to 130.70): BM001894.D (-950) (-)



#16

4-Methylphenol

Concen: 76.28 ng/ul

RT: 8.45 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM001894.D

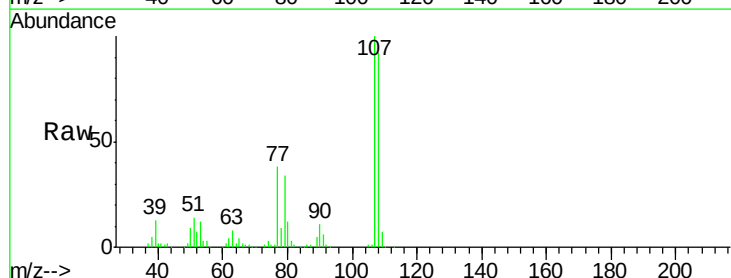
Acq: 10 Jul 2015 15:38

Tgt Ion: 108 Resp: 342888

Ion Ratio Lower Upper

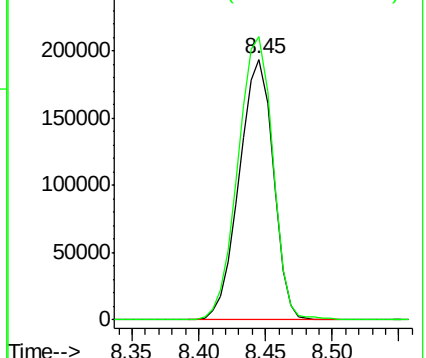
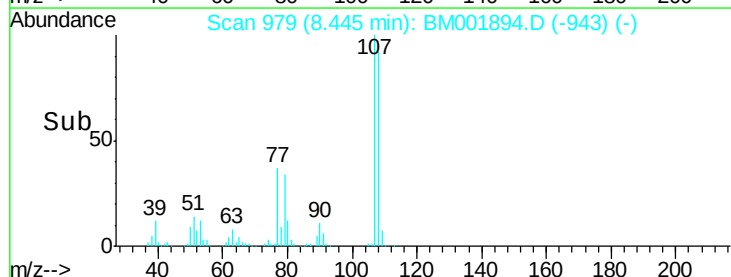
108 100

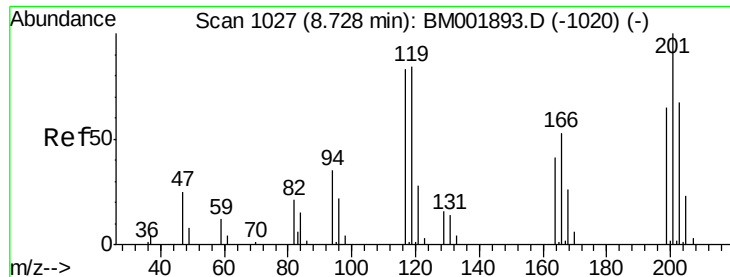
107 108.6 90.6 136.0



Abundance Ion 108.00 (107.70 to 108.70): BM001894.D (-943) (-)

Ion 107.00 (106.70 to 107.70): BM001894.D (-943) (-)





#17

Hexachloroethane

Concen: 71.07 ng/ul

RT: 8.73 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

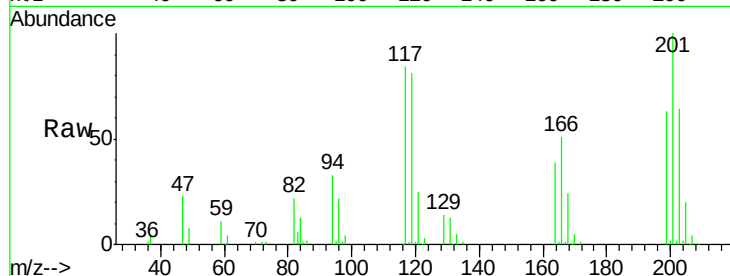
Tgt Ion: 117 Resp: 121031

Ion Ratio Lower Upper

117 100

201 119.5 96.1 144.1

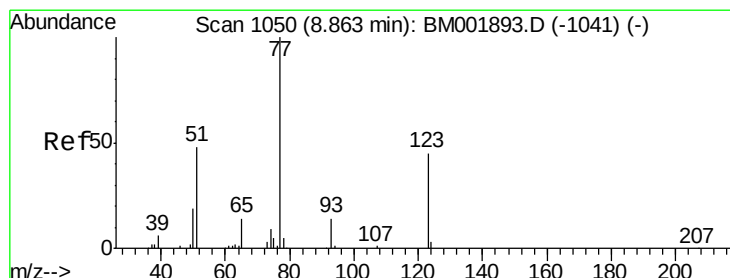
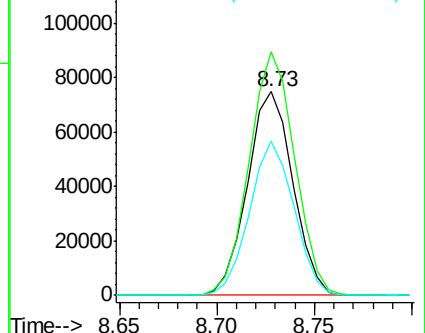
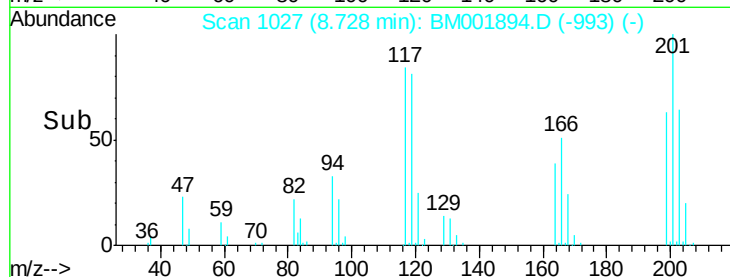
199 75.6 62.2 93.2



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: 67.32 ng/ul

RT: 8.87 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

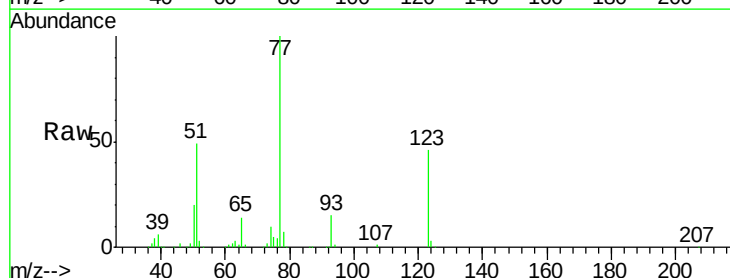
Tgt Ion: 77 Resp: 373203

Ion Ratio Lower Upper

77 100

123 45.6 35.8 53.8

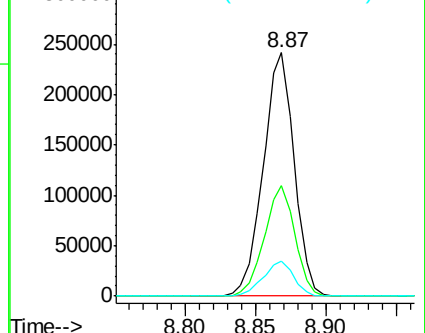
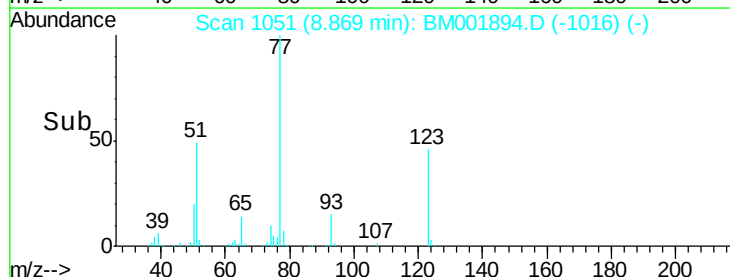
65 14.4 11.4 17.2

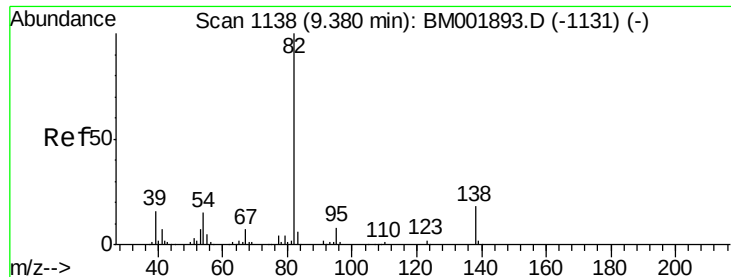


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 72.53 ng/ul

RT: 9.39 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

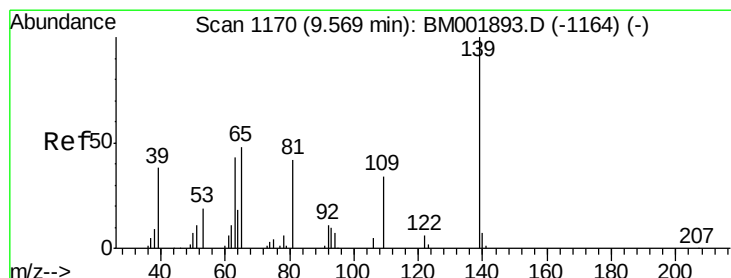
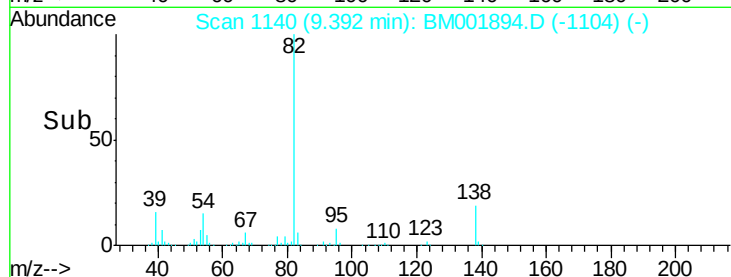
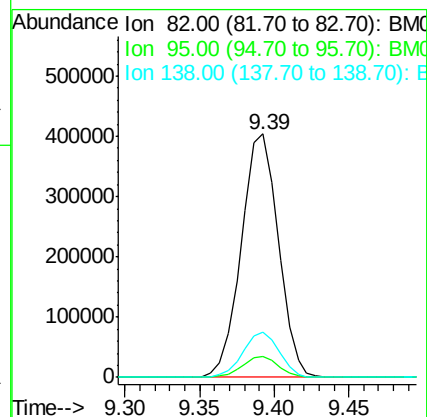
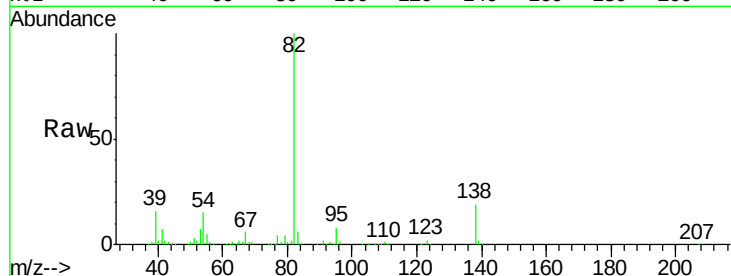
Tgt Ion: 82 Resp: 696476

Ion Ratio Lower Upper

82 100

95 8.4 6.4 9.6

138 18.6 14.4 21.6



#23

2-Nitrophenol

Concen: 74.26 ng/ul

RT: 9.57 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

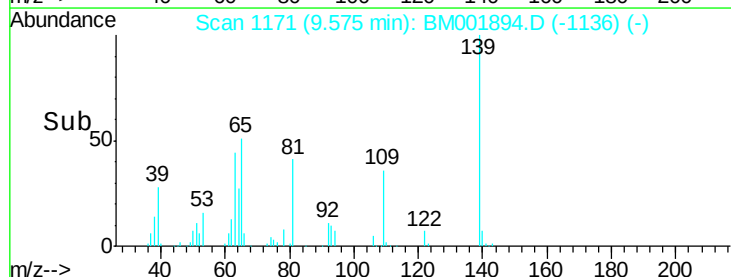
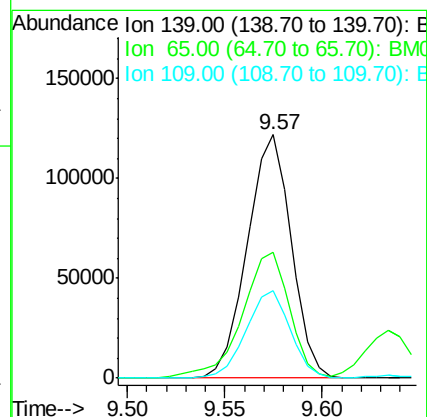
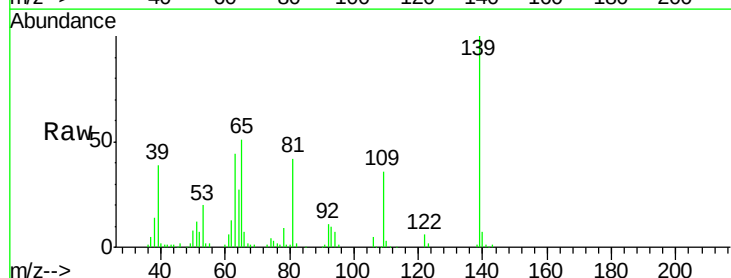
Tgt Ion: 139 Resp: 190548

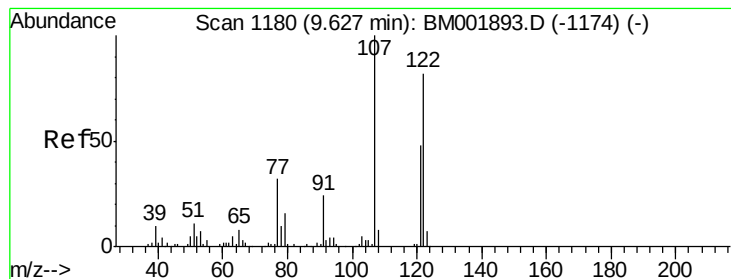
Ion Ratio Lower Upper

139 100

65 51.5 41.0 61.4

109 35.8 27.4 41.2

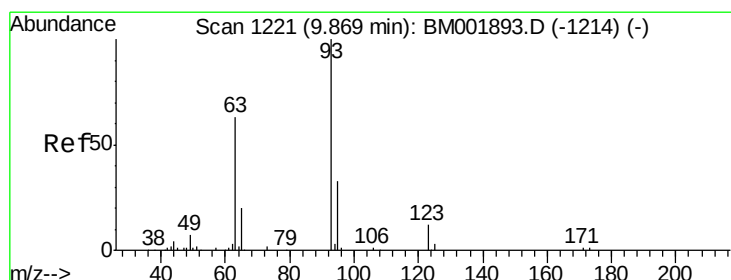
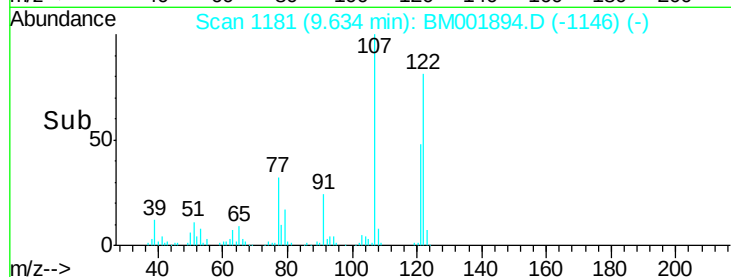
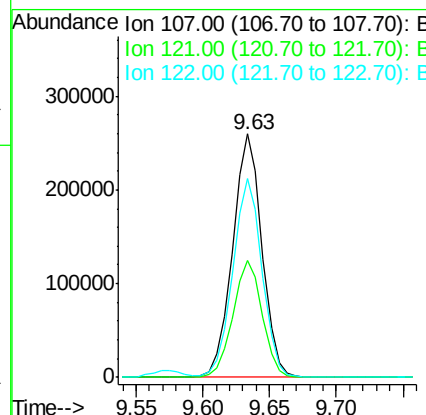
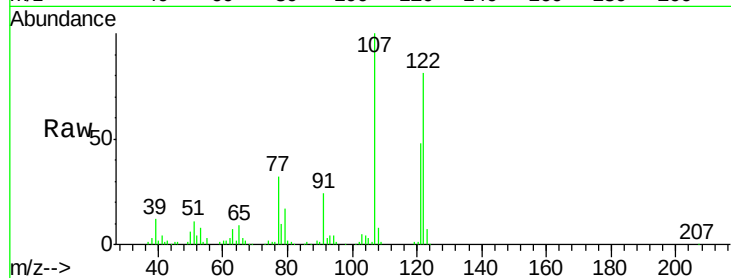




#24
 2,4-Dimethylphenol
 Concen: 69.72 ng/ul
 RT: 9.63 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

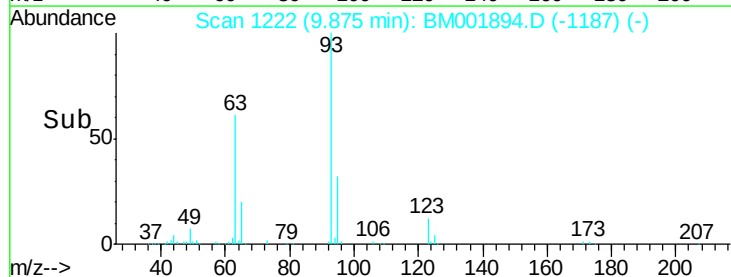
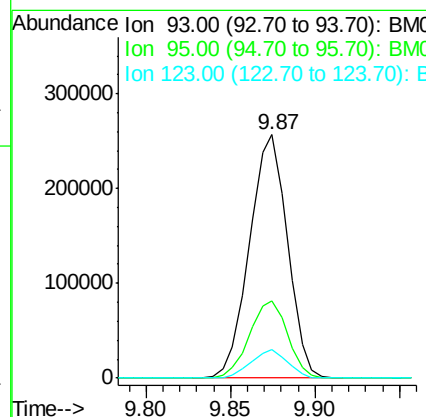
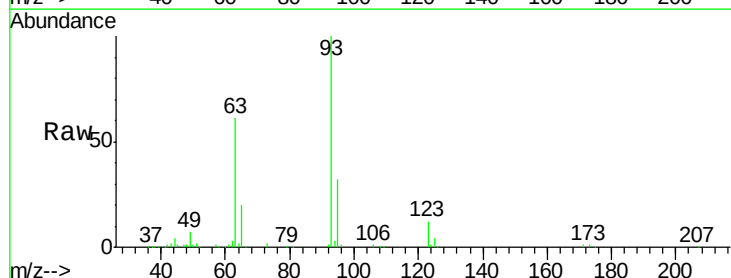
Instrument :
 BNA_M
 ClientSampleId :
 SST04033

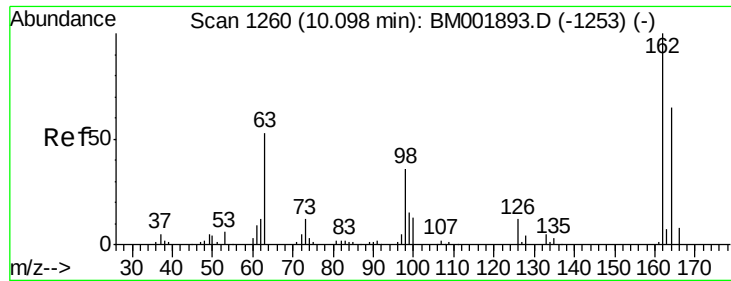
Tgt Ion	Ratio	Lower	Upper
107	100		
121	48.1	38.4	57.6
122	81.4	65.9	98.9



#25
 Bis(2-Chloroethoxy)methane
 Concen: 68.75 ng/ul
 RT: 9.87 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.1	39.1
123	11.6	9.3	13.9

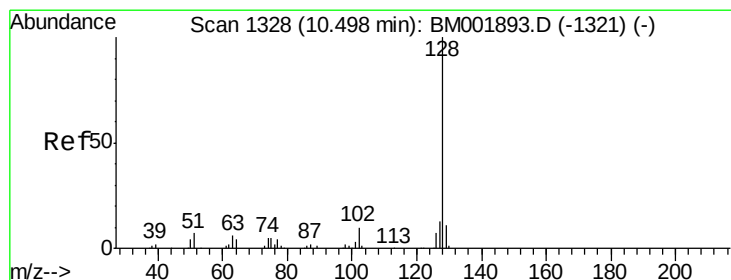
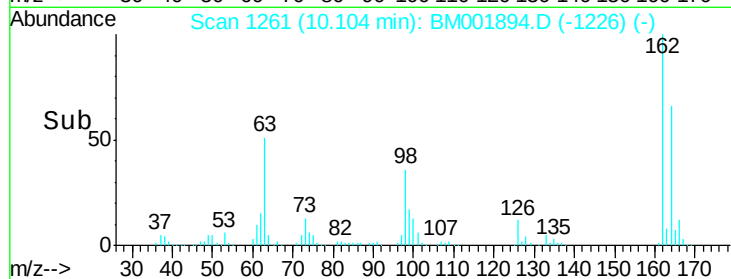
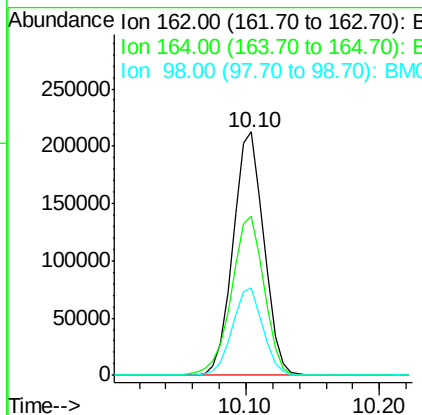
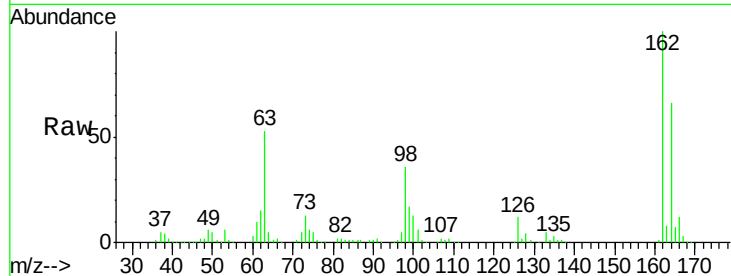




#27
 2,4-Dichlorophenol
 Concen: 71.56 ng/ul
 RT: 10.10 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

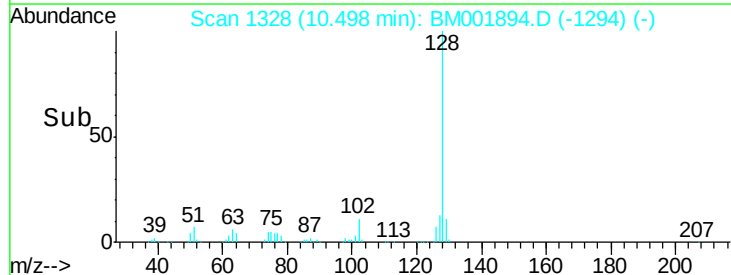
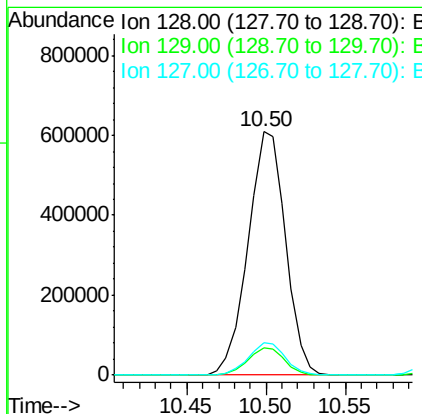
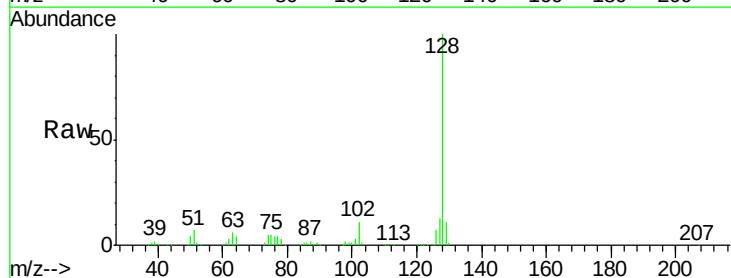
Instrument :
 BNA_M
 ClientSampleId :
 SSTD04033

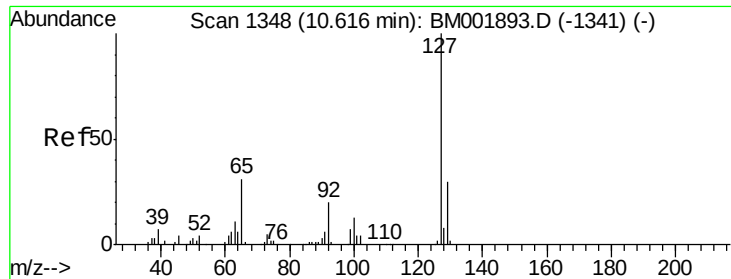
Tgt Ion:162 Resp: 340177
 Ion Ratio Lower Upper
 162 100
 164 65.6 52.5 78.7
 98 35.7 28.6 42.8



#28
 Naphthalene
 Concen: 67.25 ng/ul
 RT: 10.50 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion:128 Resp: 1003240
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 13.0
 127 13.1 10.4 15.6

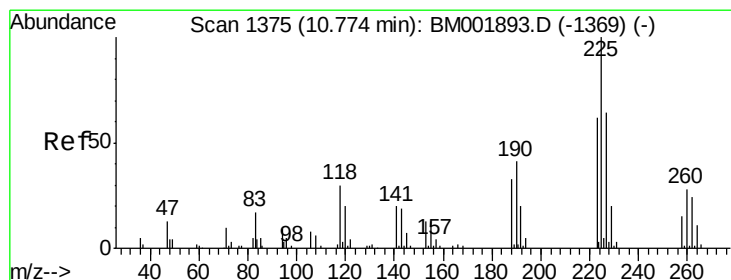
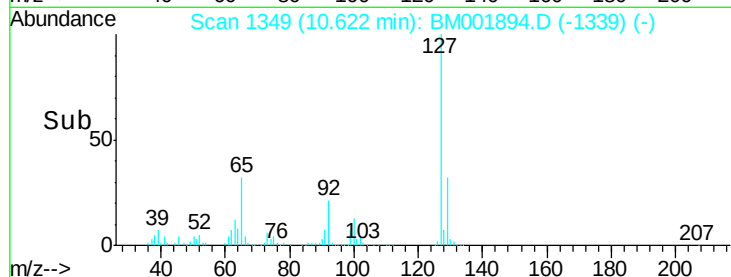
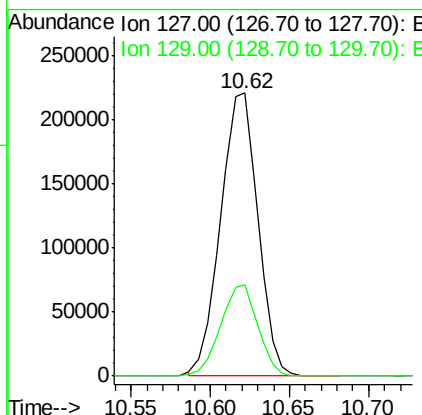
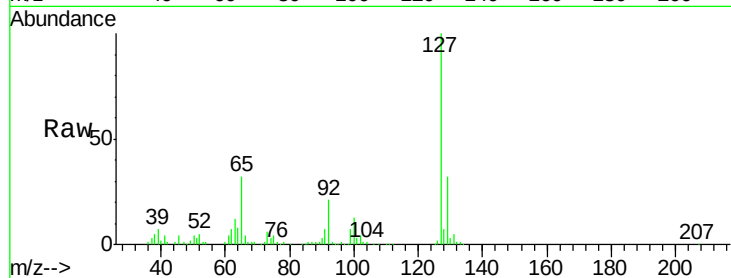




#30
4-Chloroaniline
Concen: 68.25 ng/ul
RT: 10.62 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

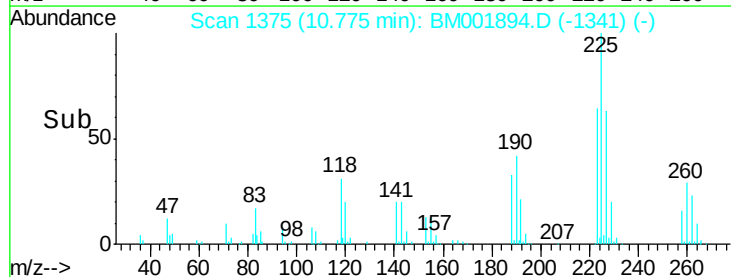
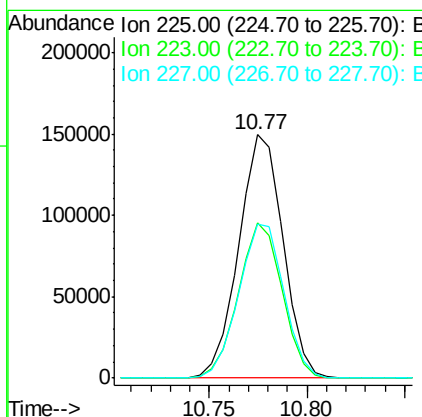
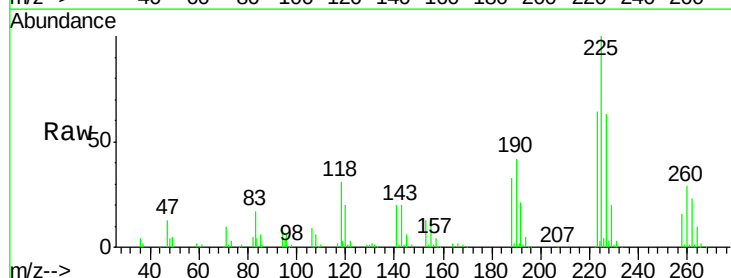
Instrument :
BNA_M
ClientSampleId :
SSTD04033

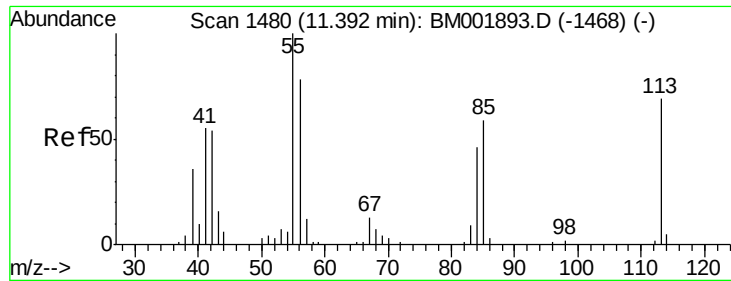
Tgt Ion:127 Resp: 361102
Ion Ratio Lower Upper
127 100
129 32.5 24.1 36.1



#31
Hexachlorobutadiene
Concen: 66.67 ng/ul
RT: 10.77 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

Tgt Ion:225 Resp: 235323
Ion Ratio Lower Upper
225 100
223 63.9 49.9 74.9
227 63.2 51.4 77.2





#32

Caprolactam

Concen: 65.09 ng/ul

RT: 11.42 min Scan# 1485

Delta R.T. 0.03 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

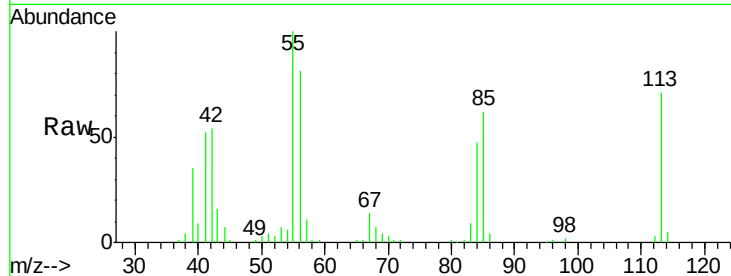
Tgt Ion:113 Resp: 113576

Ion Ratio Lower Upper

113 100

55 141.0 115.6 173.4

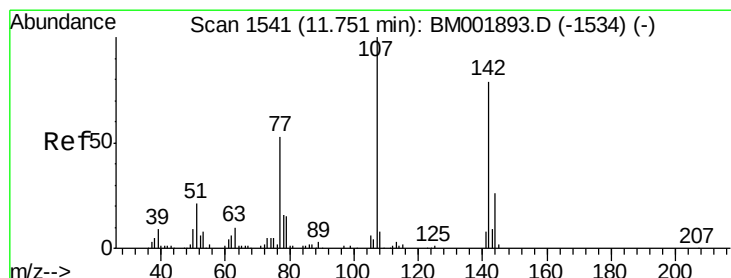
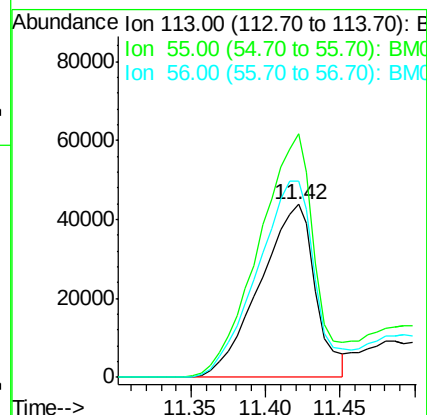
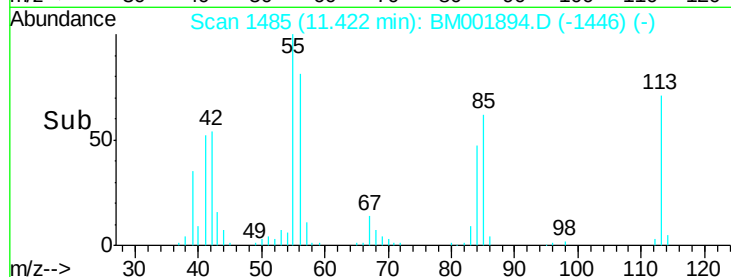
56 113.7 90.3 135.5



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: 72.36 ng/ul

RT: 11.76 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

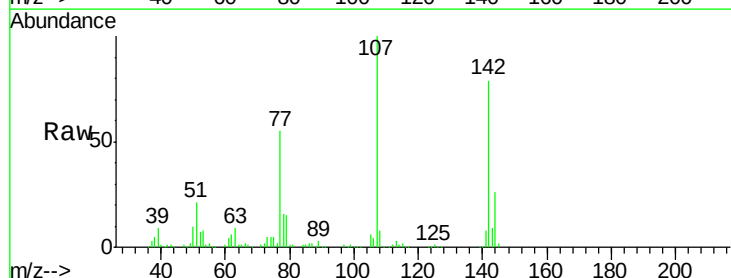
Tgt Ion:107 Resp: 369807

Ion Ratio Lower Upper

107 100

144 26.2 20.8 31.2

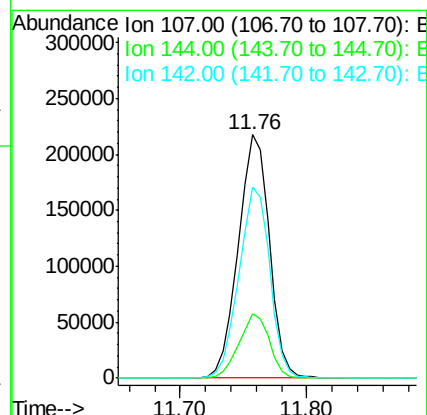
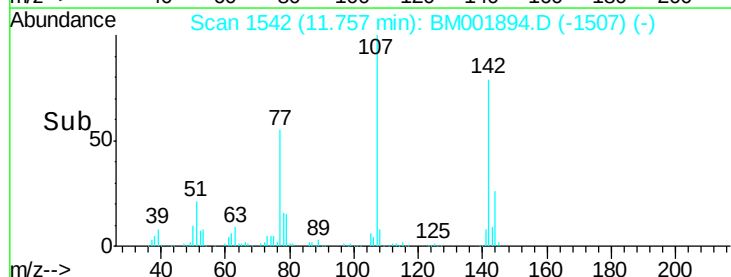
142 78.7 63.1 94.7

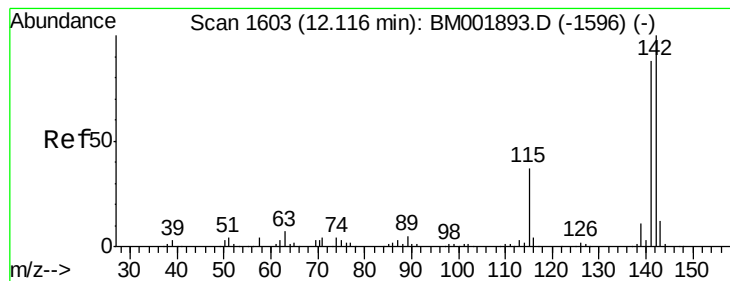


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 69.09 ng/ul

RT: 12.12 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

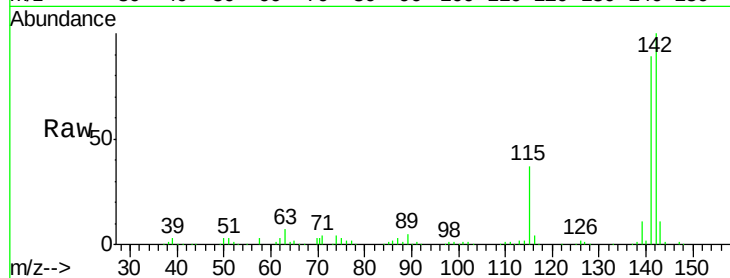
SSTD04033

Tgt Ion:142 Resp: 755344

Ion Ratio Lower Upper

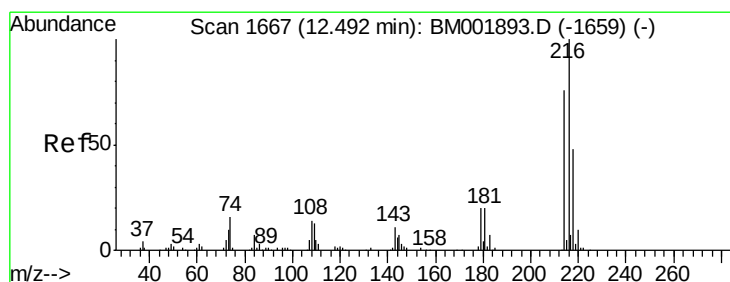
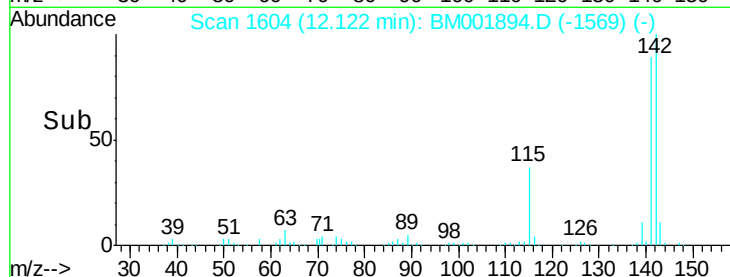
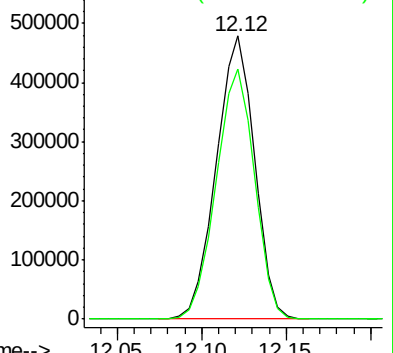
142 100

141 88.6 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 65.87 ng/ul

RT: 12.49 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Tgt Ion:216 Resp: 460307

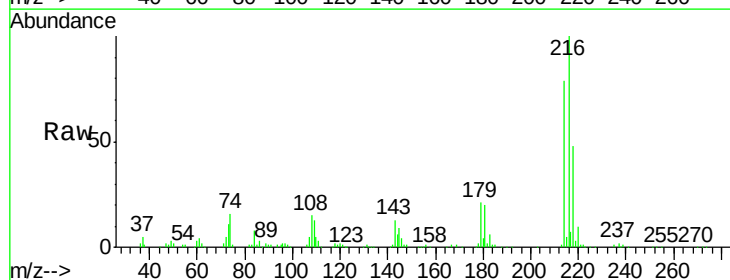
Ion Ratio Lower Upper

216 100

214 79.5 60.6 91.0

179 21.0 16.1 24.1

108 15.2 11.4 17.0

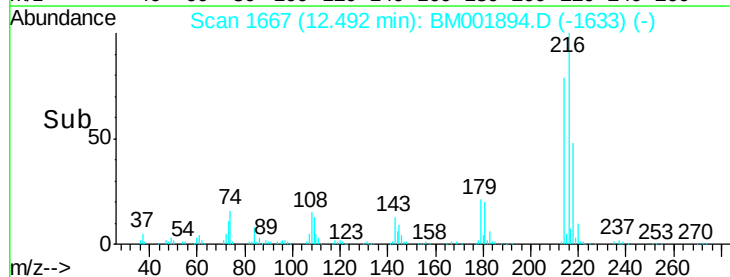
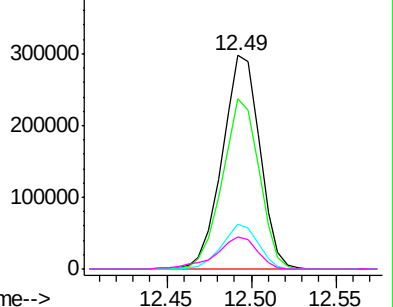


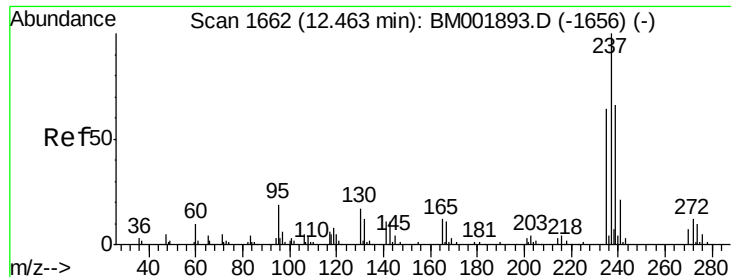
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 66.81 ng/ul

RT: 12.47 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

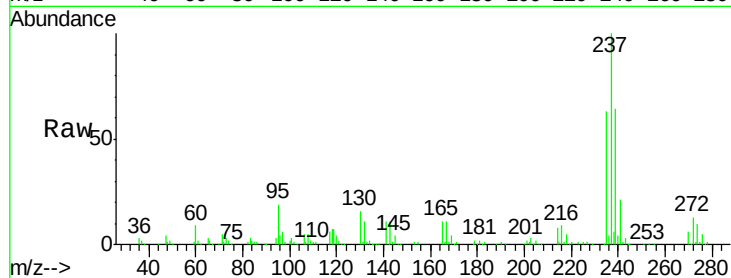
Tgt Ion:237 Resp: 278335

Ion Ratio Lower Upper

237 100

235 62.7 51.0 76.4

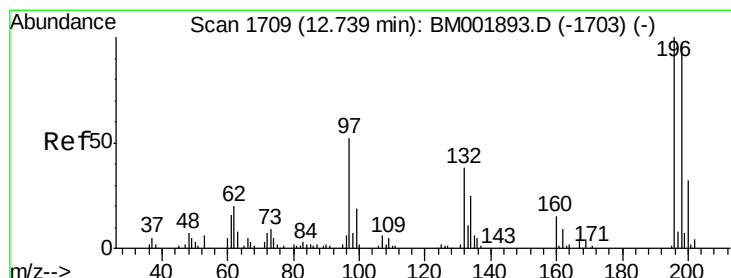
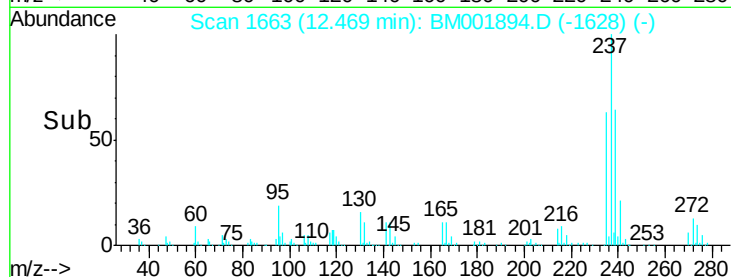
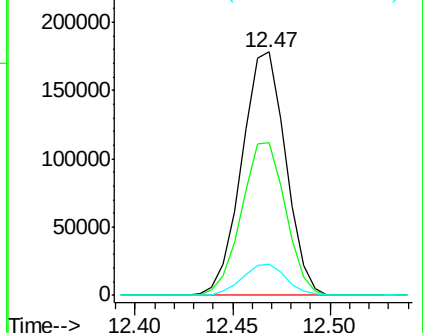
272 12.9 9.8 14.8



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: 71.39 ng/ul

RT: 12.75 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

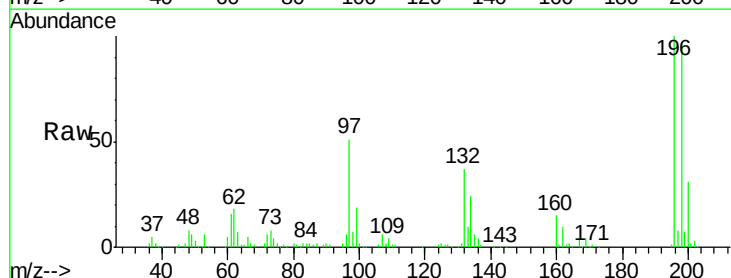
Tgt Ion:196 Resp: 300556

Ion Ratio Lower Upper

196 100

198 96.8 77.8 116.8

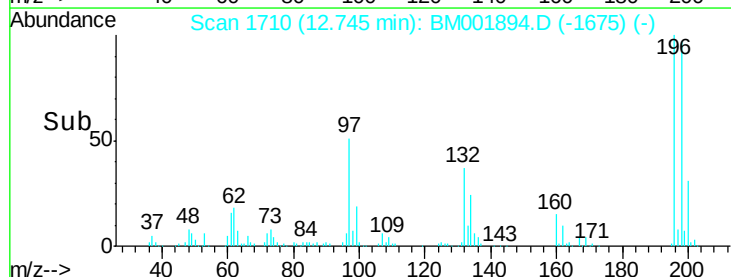
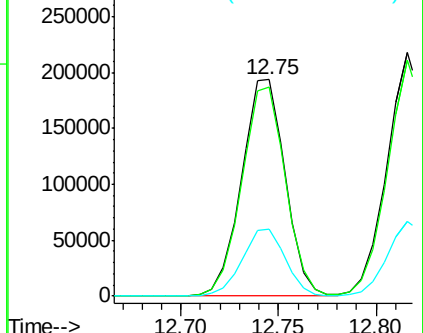
200 31.0 25.6 38.4

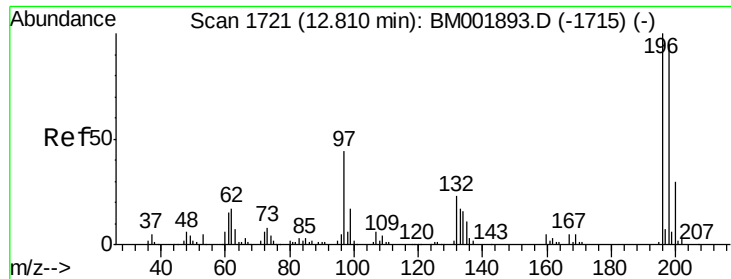


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

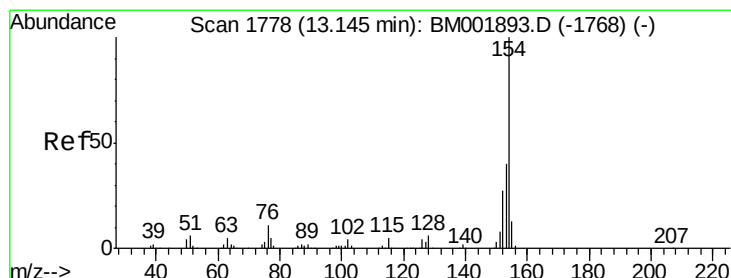
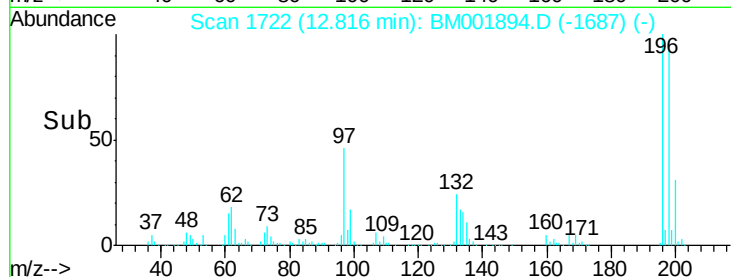
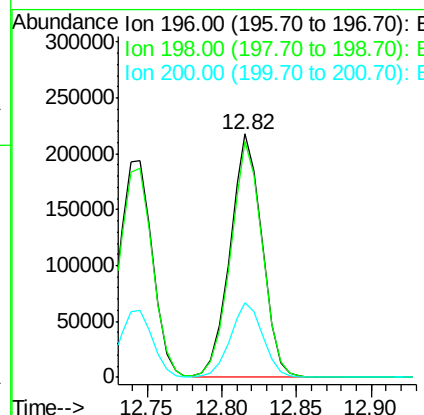
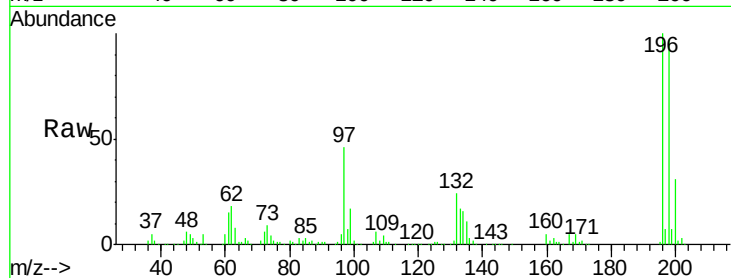




#39
 2,4,5-Trichlorophenol
 Concen: 70.71 ng/ul
 RT: 12.82 min Scan# 1722
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

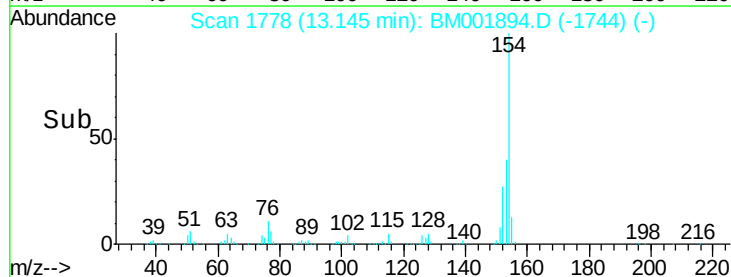
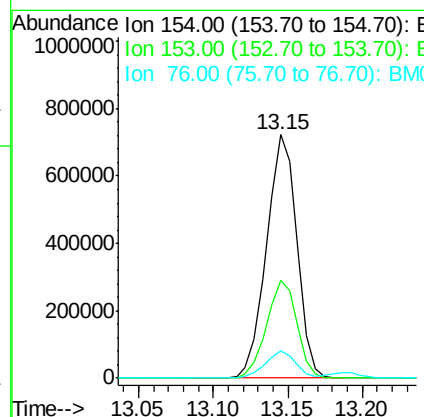
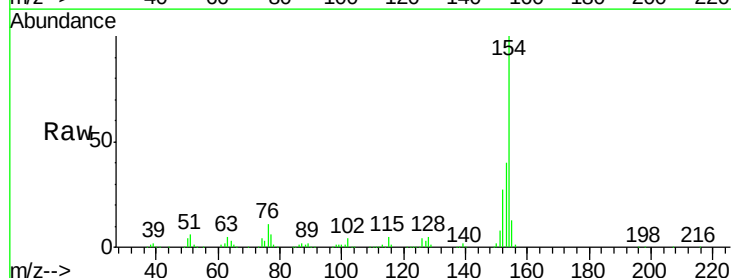
Instrument :
 BNA_M
 ClientSampleId :
 SST04033

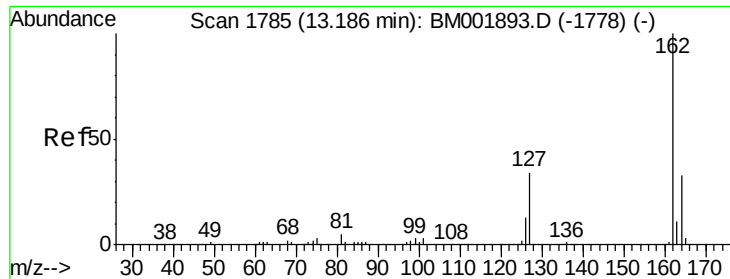
Tgt Ion:196 Resp: 325504
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.0 114.0
 200 30.9 24.4 36.6



#40
 1,1'-Biphenyl
 Concen: 66.13 ng/ul
 RT: 13.15 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion:154 Resp: 1015870
 Ion Ratio Lower Upper
 154 100
 153 40.4 32.4 48.6
 76 11.4 8.6 12.8

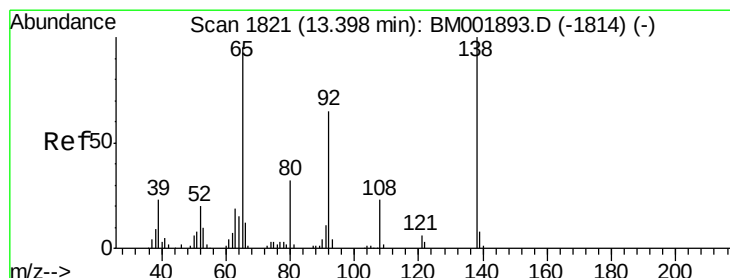
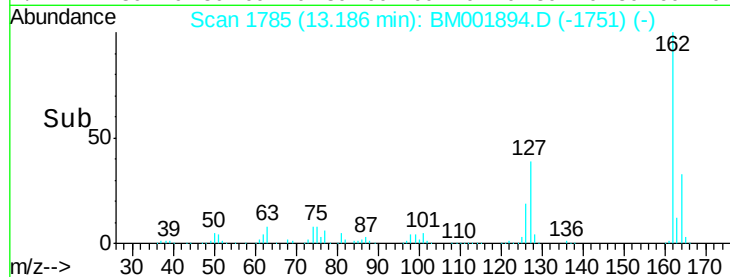
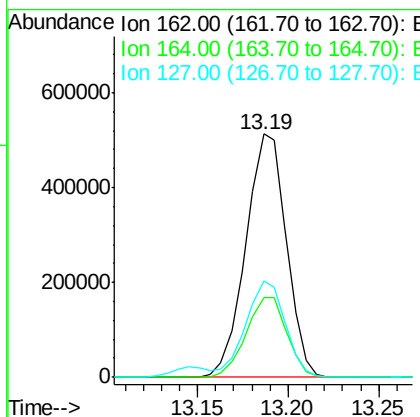
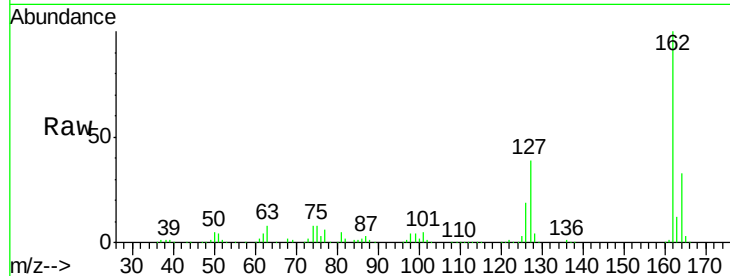




#41
2-Chloronaphthalene
Concen: 66.38 ng/ul
RT: 13.19 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

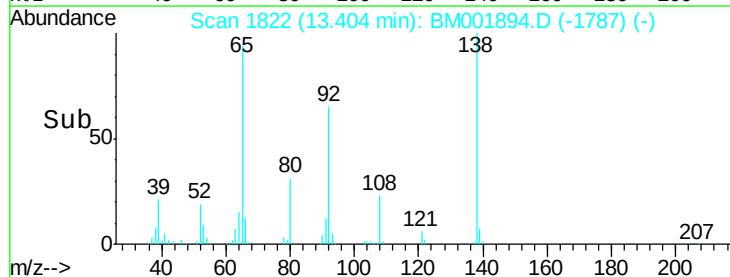
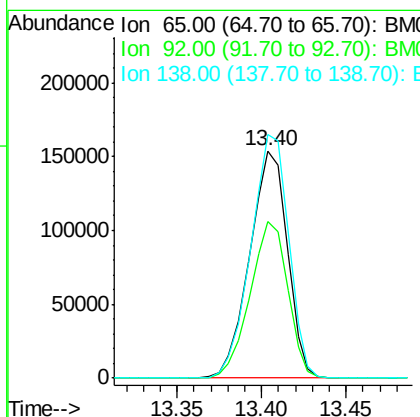
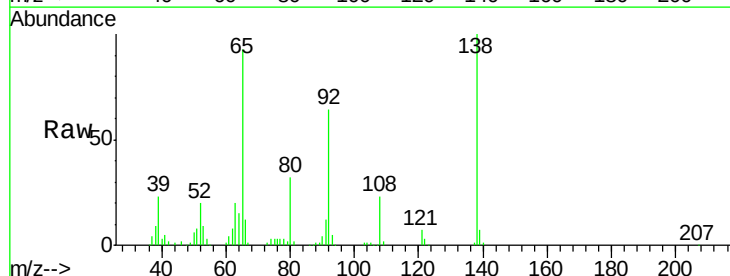
Instrument :
BNA_M
ClientSampleId :
SSTD04033

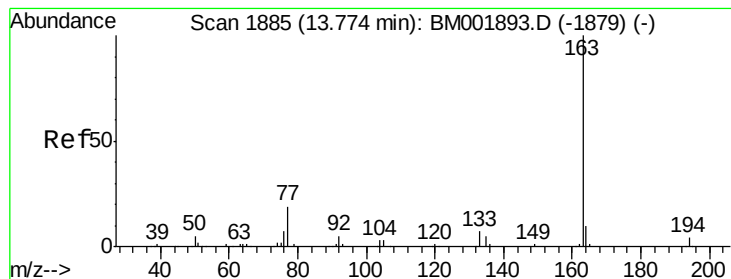
Tgt Ion: 162 Resp: 799575
Ion Ratio Lower Upper
162 100
164 32.9 26.4 39.6
127 39.4 30.8 46.2



#42
2-Nitroaniline
Concen: 72.40 ng/ul
RT: 13.40 min Scan# 1822
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

Tgt Ion: 65 Resp: 239610
Ion Ratio Lower Upper
65 100
92 69.0 55.2 82.8
138 107.2 84.3 126.5





#44

Dimethylphthalate

Concen: 67.39 ng/ul

RT: 13.79 min Scan# 1887

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

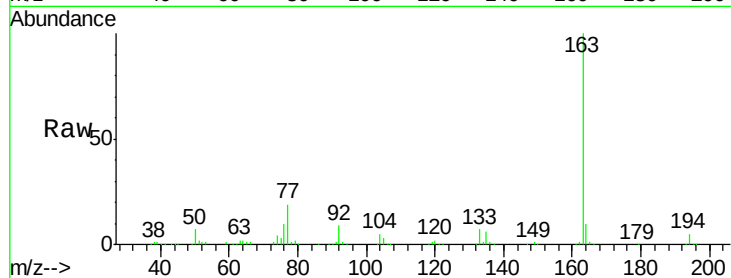
Tgt Ion:163 Resp: 1039154

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

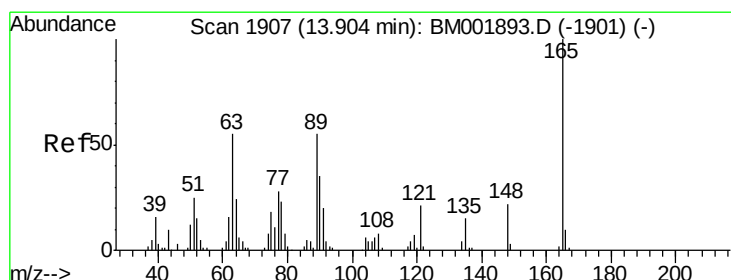
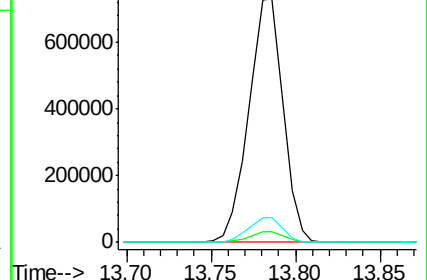
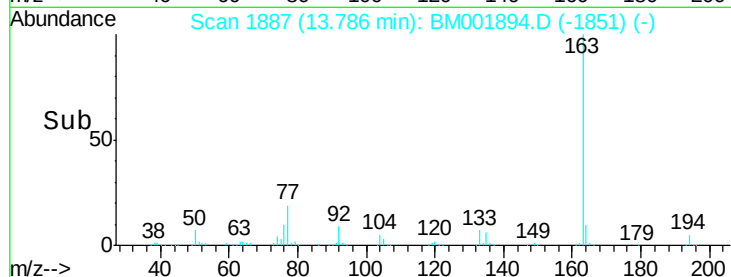
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 75.77 ng/ul

RT: 13.91 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

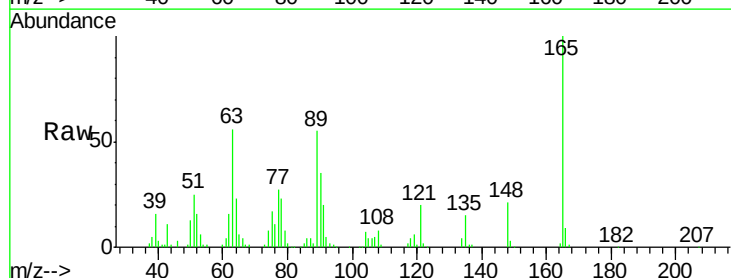
Tgt Ion:165 Resp: 229272

Ion Ratio Lower Upper

165 100

89 55.4 43.9 65.9

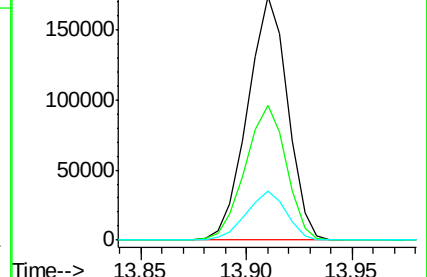
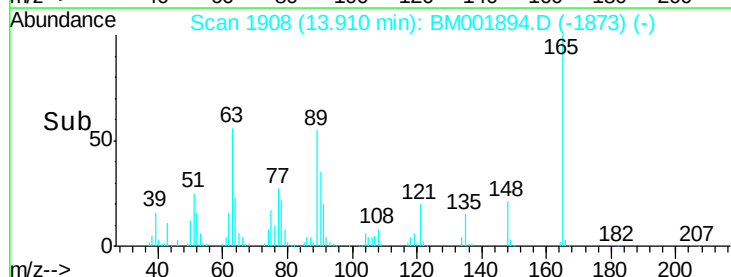
121 20.1 17.0 25.6

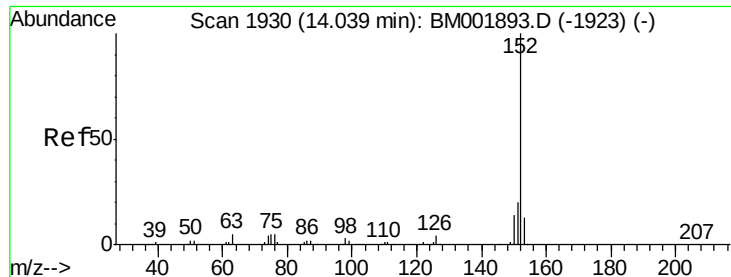


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 67.16 ng/ul

RT: 14.04 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

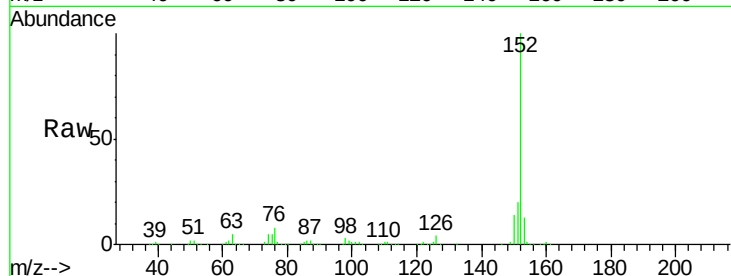
Tgt Ion:152 Resp: 1263317

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.6

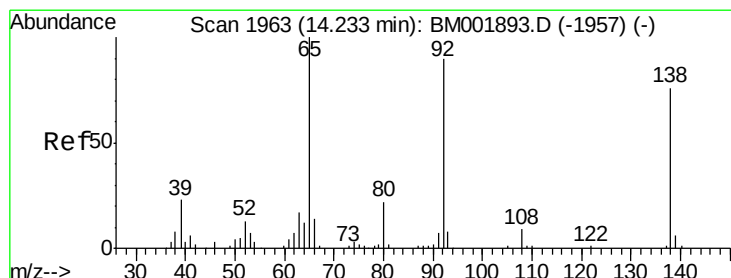
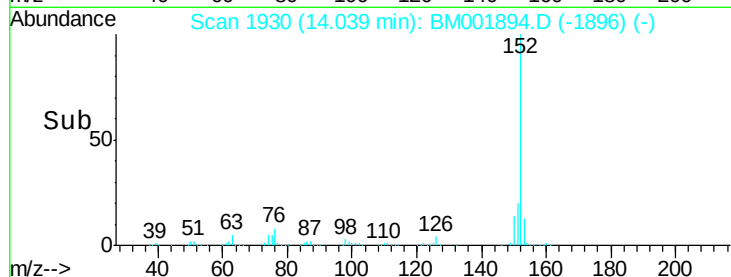
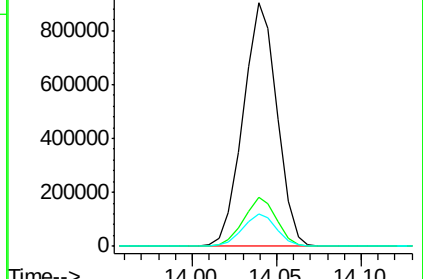
153 13.5 10.7 16.1



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: 68.73 ng/ul

RT: 14.24 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

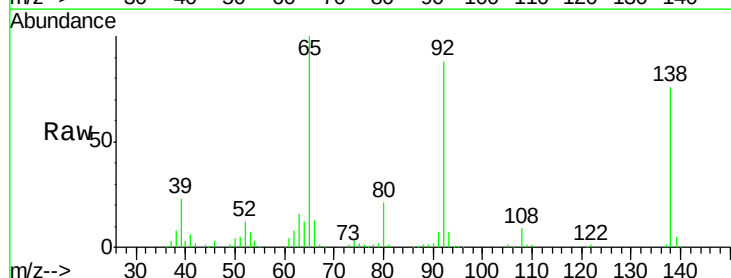
Tgt Ion:138 Resp: 196517

Ion Ratio Lower Upper

138 100

108 11.2 9.2 13.8

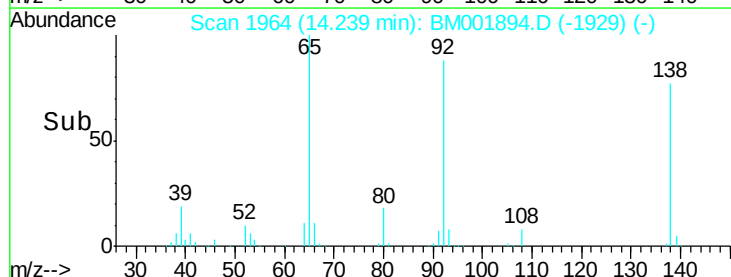
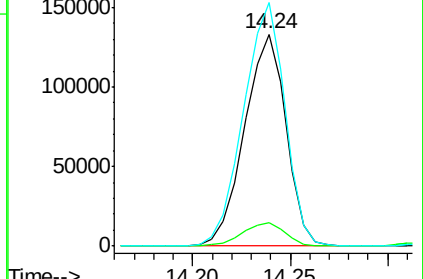
92 114.9 95.0 142.6

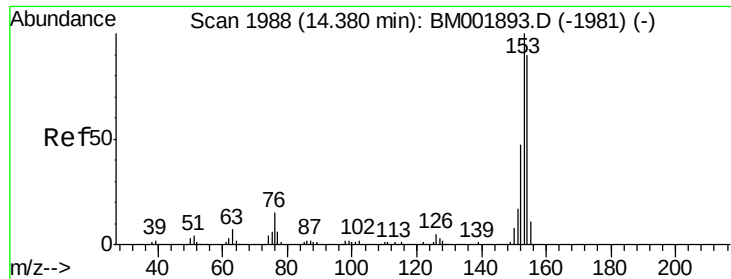


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 67.57 ng/ul

RT: 14.39 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

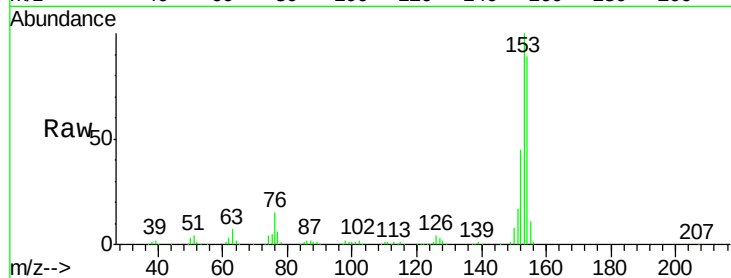
Tgt Ion:153 Resp: 845088

Ion Ratio Lower Upper

153 100

152 45.3 37.2 55.8

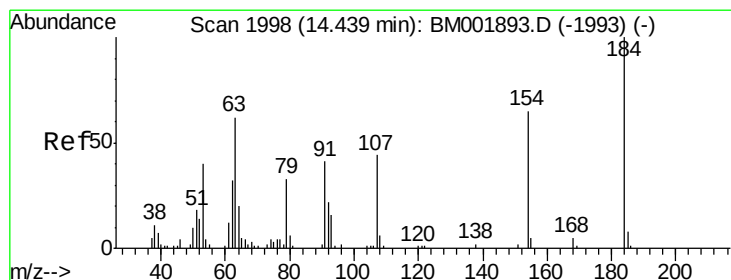
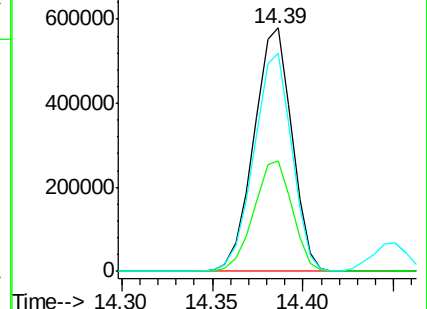
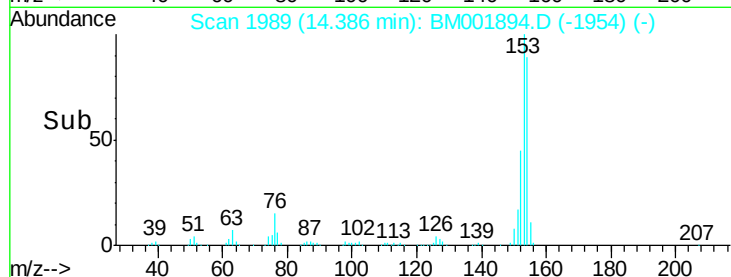
154 89.5 72.2 108.2



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: 77.79 ng/ul

RT: 14.45 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

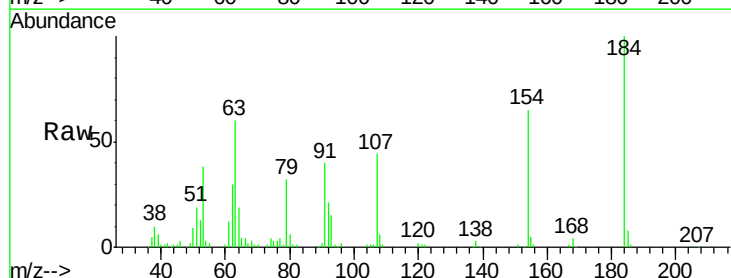
Tgt Ion:184 Resp: 147639

Ion Ratio Lower Upper

184 100

63 59.5 49.8 74.8

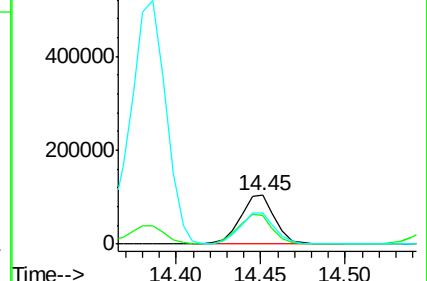
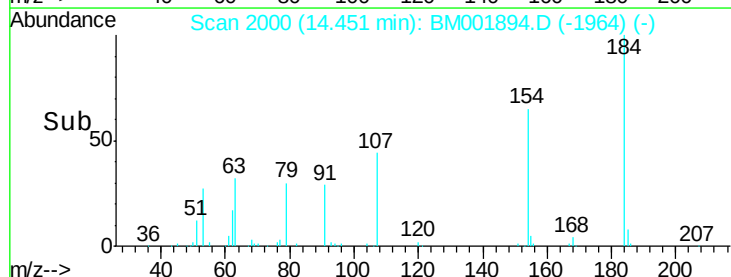
154 64.8 54.1 81.1

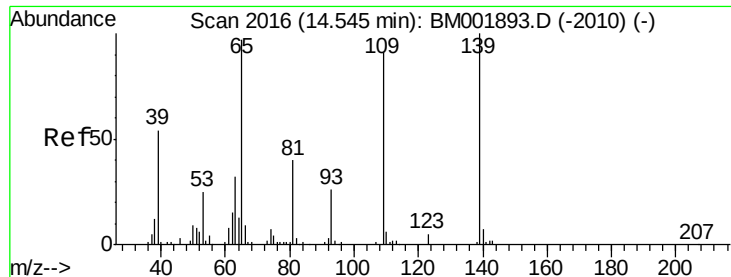


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 65.92 ng/ul

RT: 14.56 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

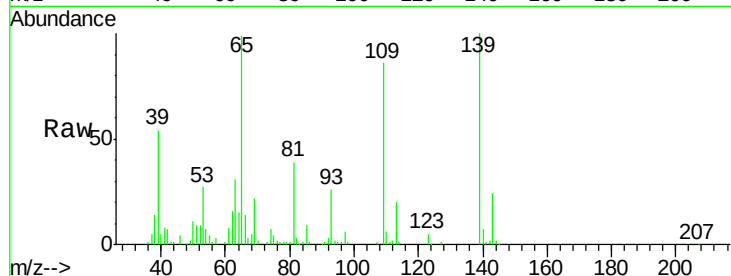
Tgt Ion:109 Resp: 176099

Ion Ratio Lower Upper

109 100

139 116.1 88.8 133.2

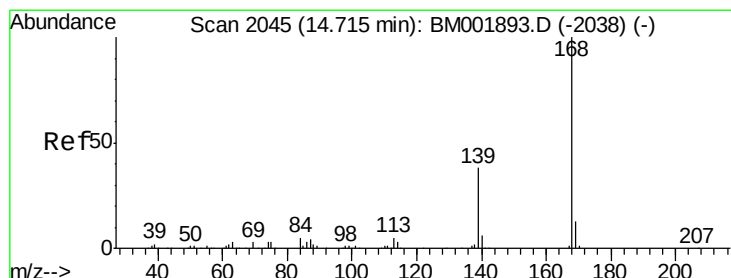
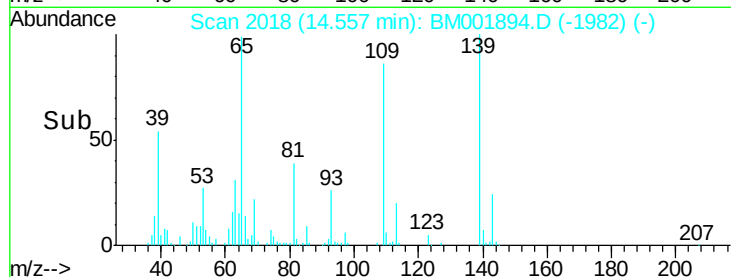
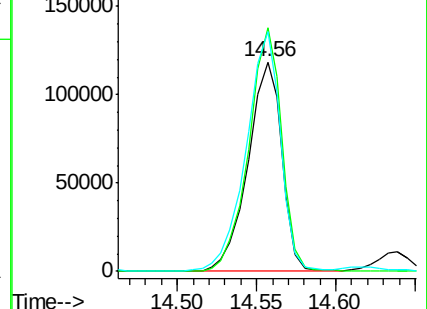
65 114.4 87.0 130.6



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): BM



#53

Dibenzofuran

Concen: 67.23 ng/ul

RT: 14.72 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BM001894.D

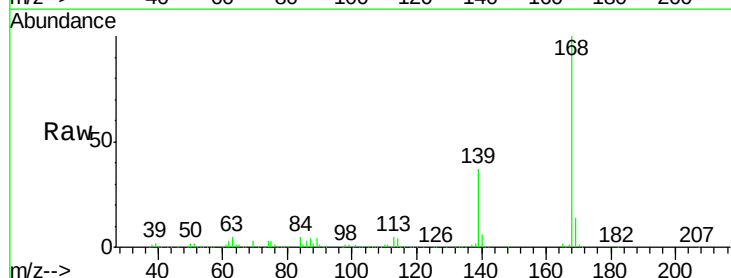
Acq: 10 Jul 2015 15:38

Tgt Ion:168 Resp: 1211484

Ion Ratio Lower Upper

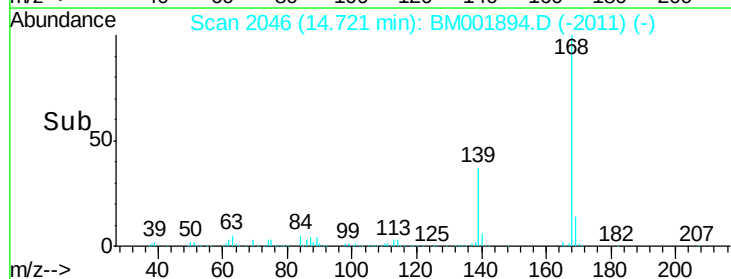
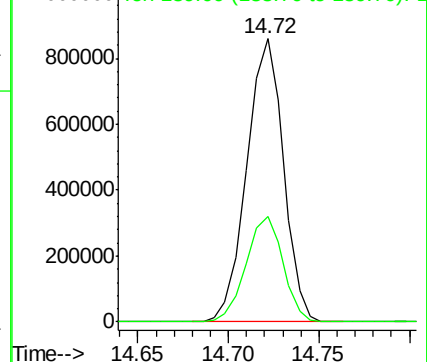
168 100

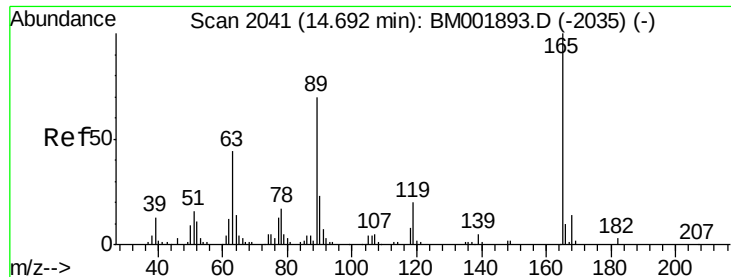
139 37.1 30.2 45.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

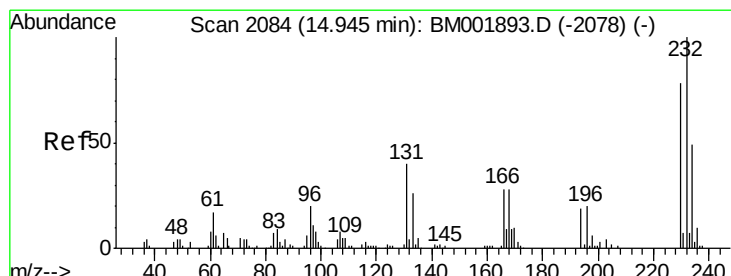
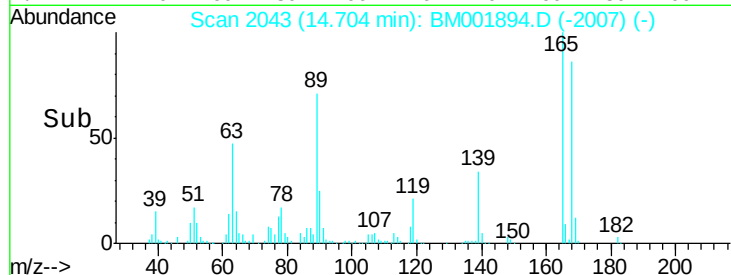
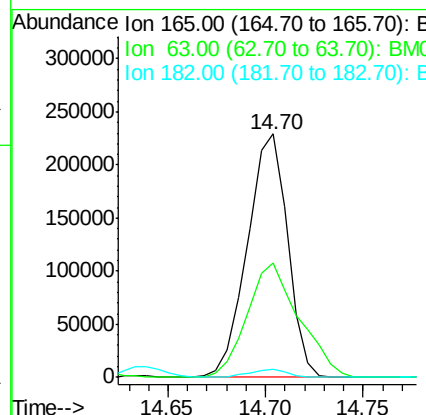
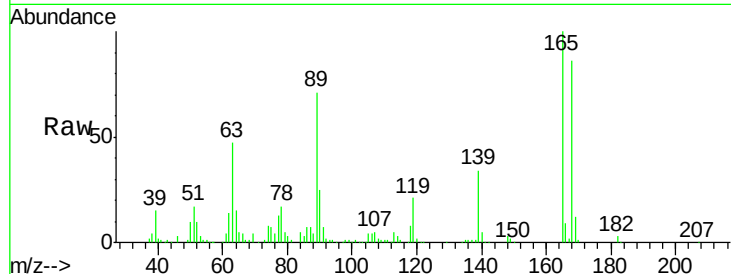




#54
 2,4-Dinitrotoluene
 Concen: 73.75 ng/ul
 RT: 14.70 min Scan# 2043
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

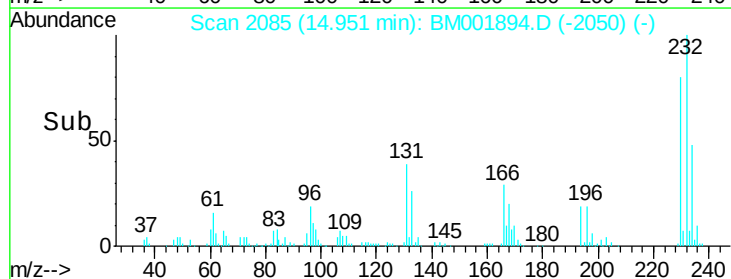
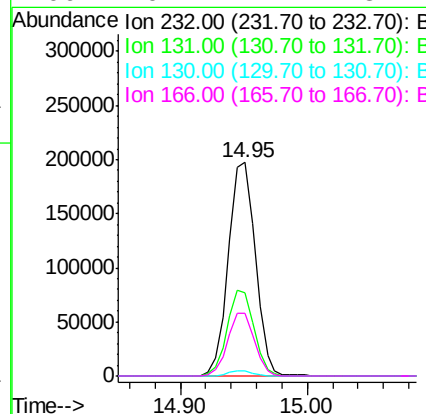
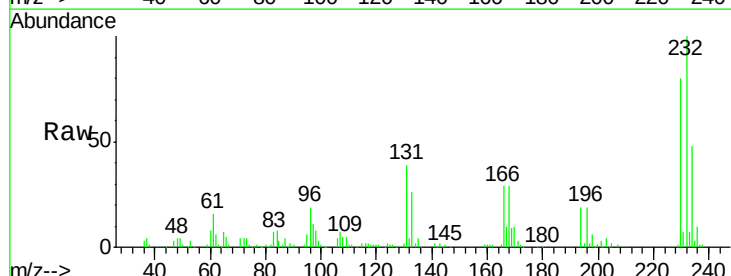
Instrument :
 BNA_M
 ClientSampleId :
 SSTD04033

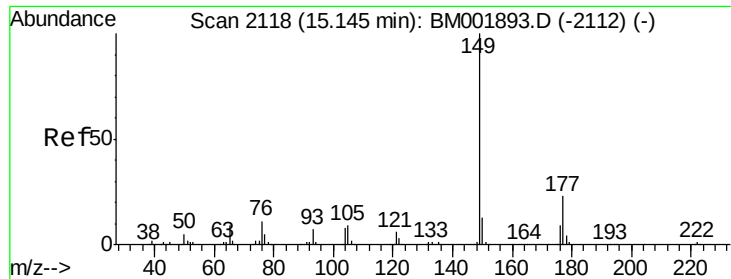
Tgt Ion:165 Resp: 327842
 Ion Ratio Lower Upper
 165 100
 63 46.9 35.1 52.7
 182 3.4 2.5 3.7



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 72.57 ng/ul
 RT: 14.95 min Scan# 2085
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion:232 Resp: 291936
 Ion Ratio Lower Upper
 232 100
 131 38.9 32.0 48.0
 130 2.2 1.9 2.9
 166 29.2 22.7 34.1

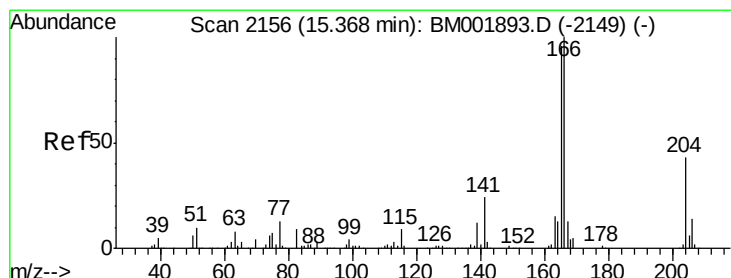
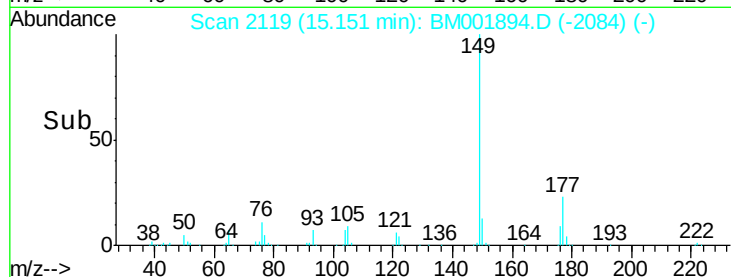
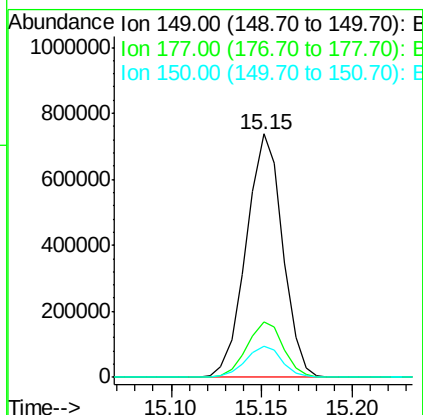
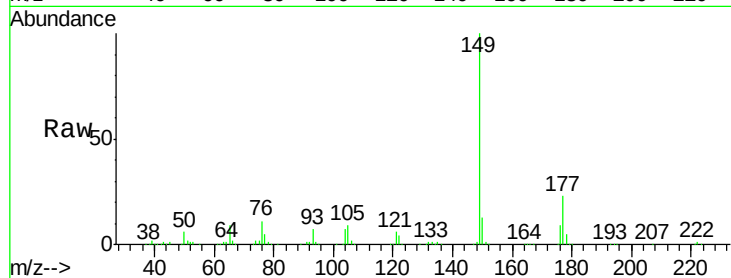




#56
Diethylphthalate
Concen: 69.19 ng/ul
RT: 15.15 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

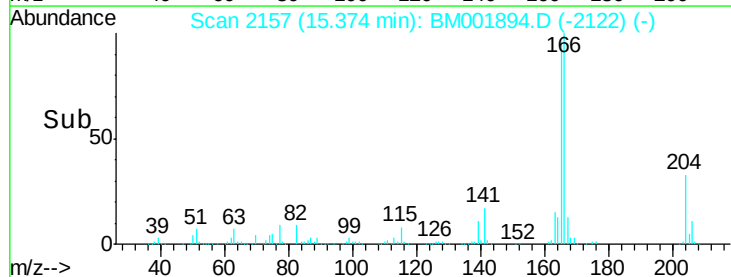
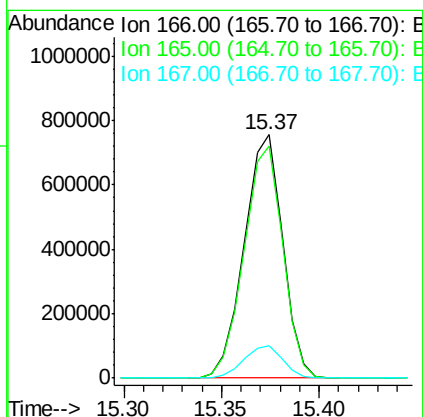
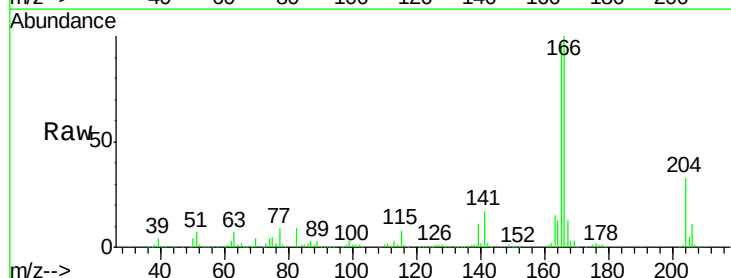
Instrument :
BNA_M
ClientSampleId :
SSTD04033

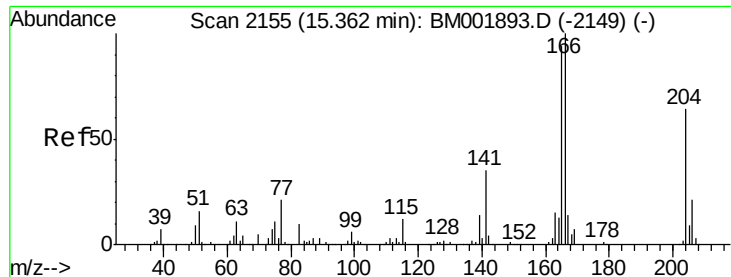
Tgt Ion:149 Resp: 1029740
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 12.8 10.1 15.1



#58
Fluorene
Concen: 68.67 ng/ul
RT: 15.37 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

Tgt Ion:166 Resp: 1034273
Ion Ratio Lower Upper
166 100
165 95.5 76.7 115.1
167 13.3 10.6 15.8

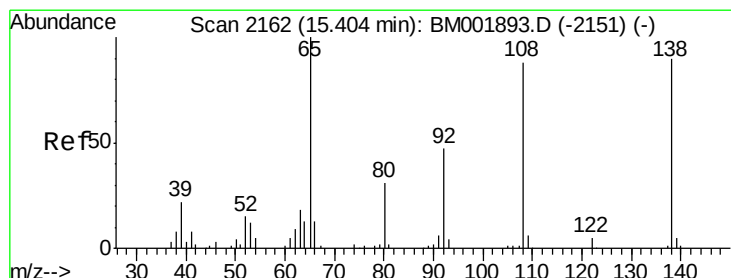
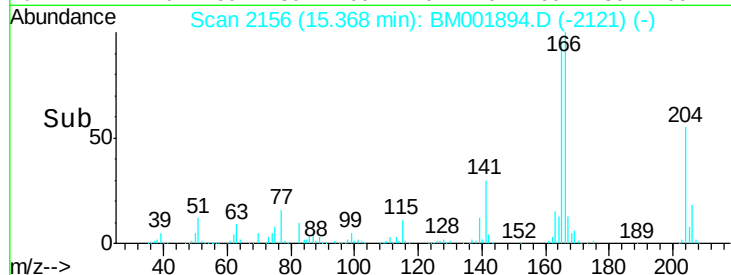
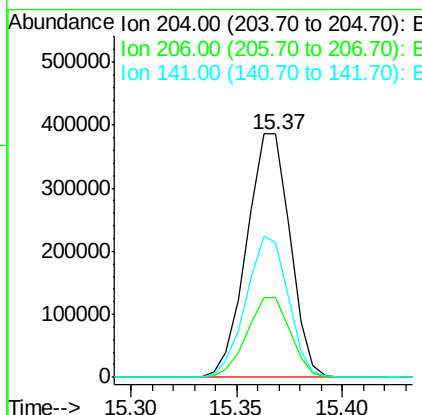
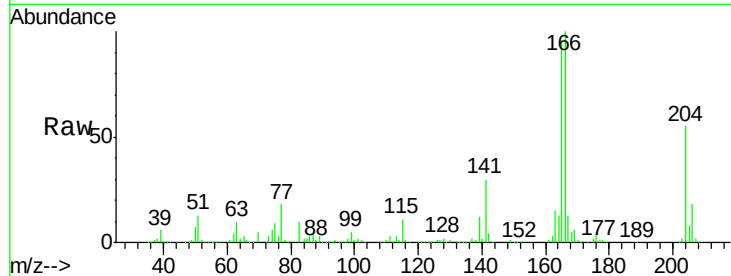




#59
 4-Chlorophenyl-phenylether
 Concen: 67.87 ng/ul
 RT: 15.37 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

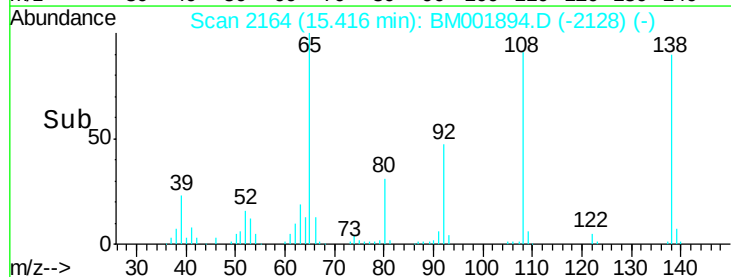
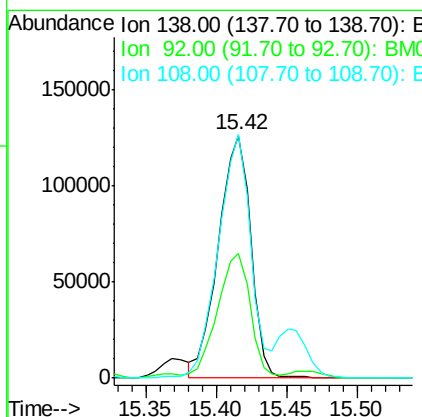
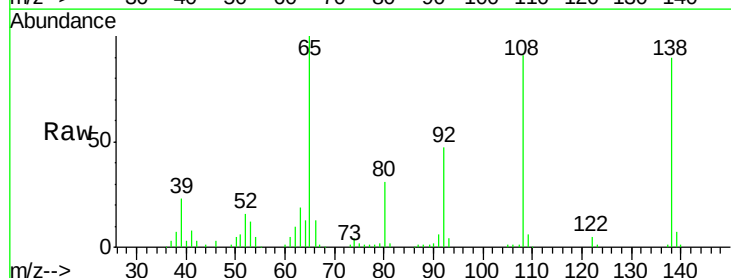
Instrument :
 BNA_M
 ClientSampleId :
 SST04033

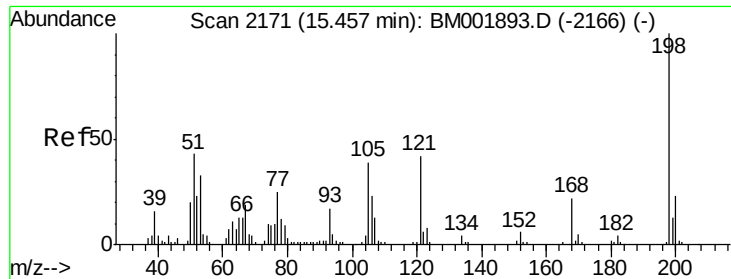
Tgt Ion:204 Resp: 551703
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.4
 141 55.1 43.9 65.9



#60
 4-Nitroaniline
 Concen: 63.63 ng/ul
 RT: 15.42 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion:138 Resp: 201724
 Ion Ratio Lower Upper
 138 100
 92 51.6 41.4 62.2
 108 100.3 78.6 117.8

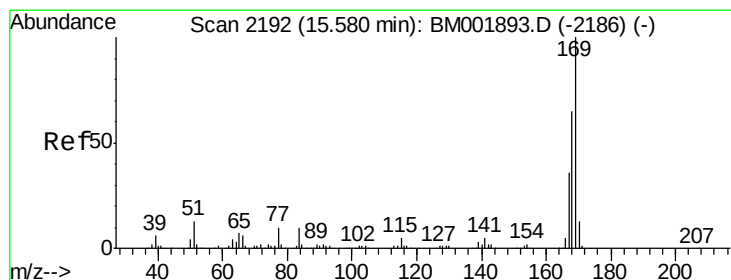
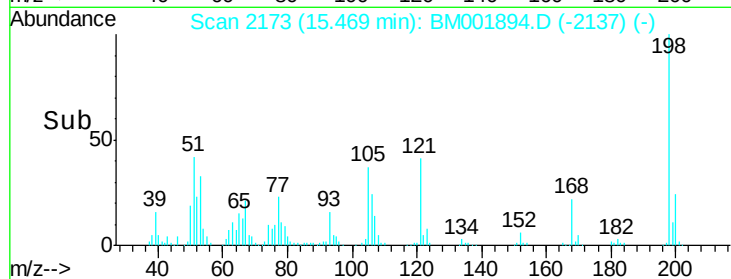
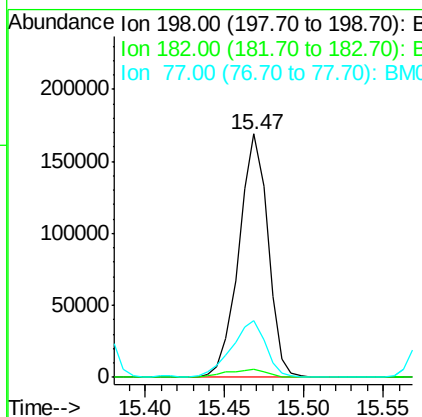
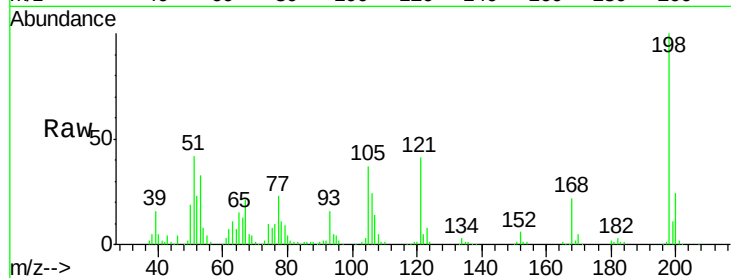




#63
 4,6-Dinitro-2-methylphenol
 Concen: 73.07 ng/ul
 RT: 15.47 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

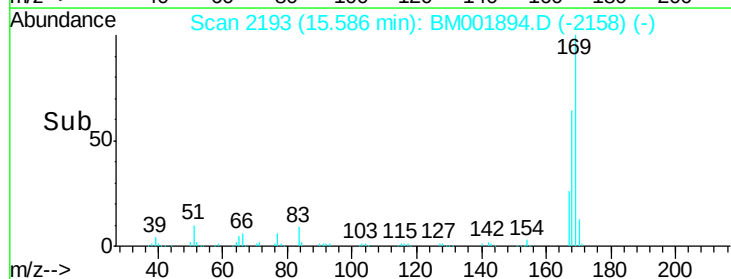
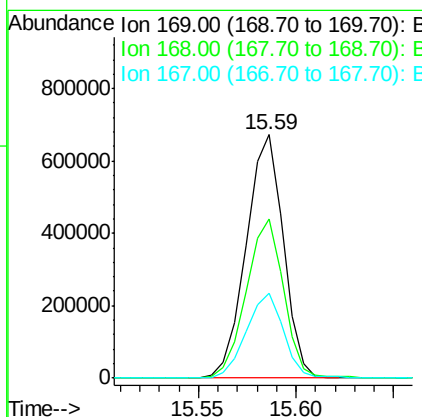
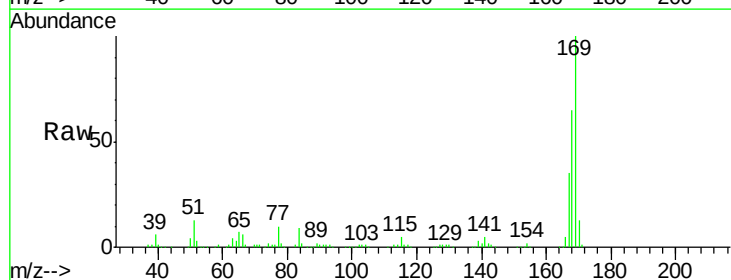
Instrument :
 BNA_M
 ClientSampleId :
 SST04033

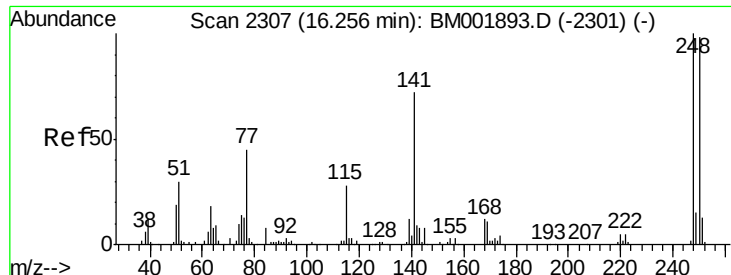
Tgt Ion:198 Resp: 215936
 Ion Ratio Lower Upper
 198 100
 182 3.2 2.9 4.3
 77 23.5 20.8 31.2



#64
 N-Nitrosodiphenylamine
 Concen: 68.59 ng/ul
 RT: 15.59 min Scan# 2193
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion:169 Resp: 888210
 Ion Ratio Lower Upper
 169 100
 168 65.1 51.8 77.6
 167 34.7 28.4 42.6

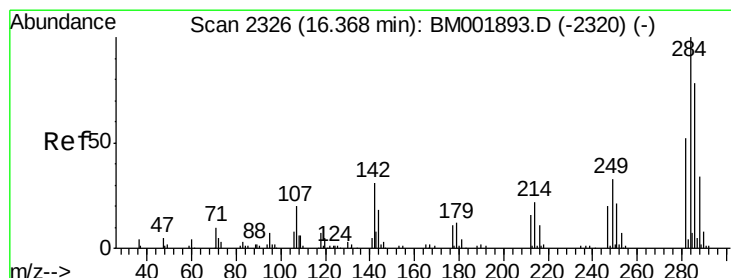
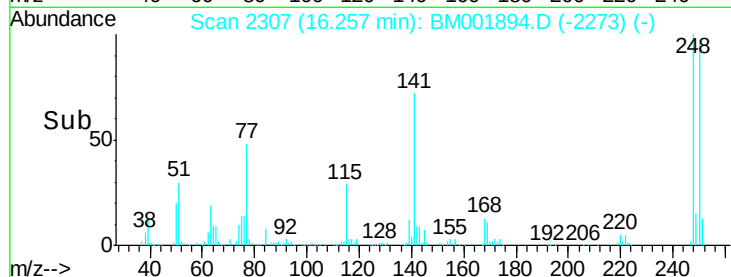
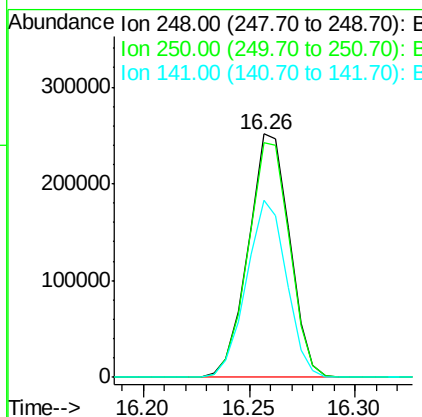
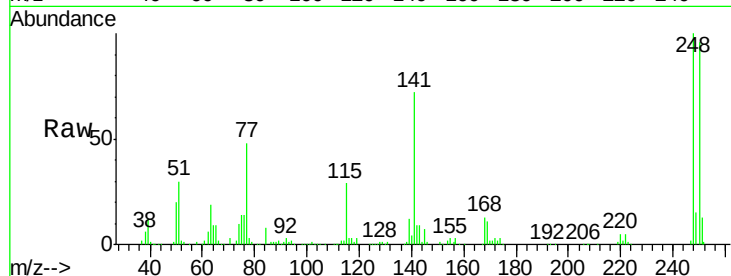




#65
4-Bromophenyl-phenylether
Concen: 68.83 ng/ul
RT: 16.26 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

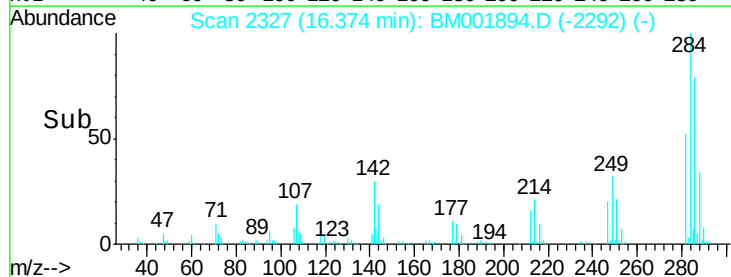
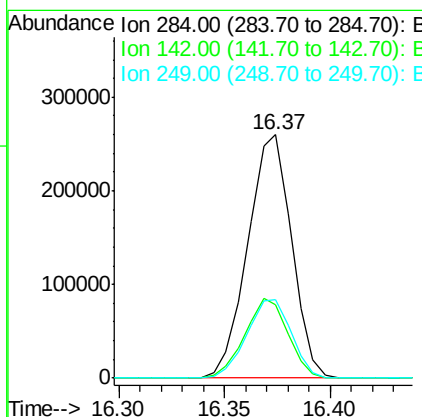
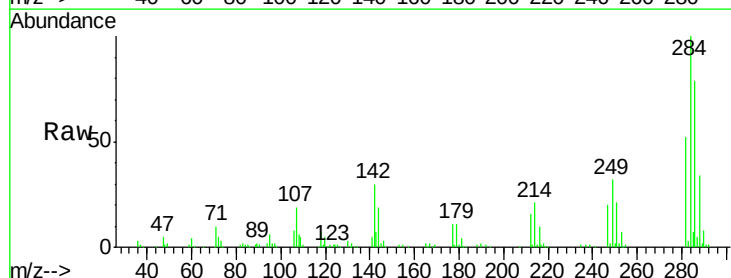
Instrument :
BNA_M
ClientSampleId :
SSTD04033

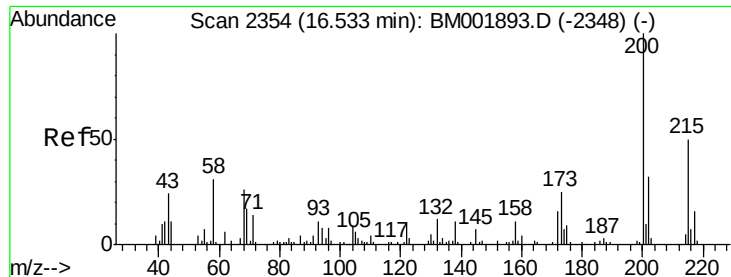
Tgt Ion:248 Resp: 342550
Ion Ratio Lower Upper
248 100
250 96.4 78.6 118.0
141 72.5 57.4 86.2



#66
Hexachlorobenzene
Concen: 67.88 ng/ul
RT: 16.37 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

Tgt Ion:284 Resp: 375441
Ion Ratio Lower Upper
284 100
142 30.1 24.9 37.3
249 32.3 26.5 39.7

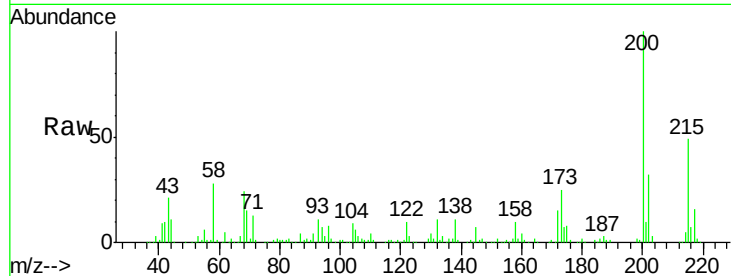




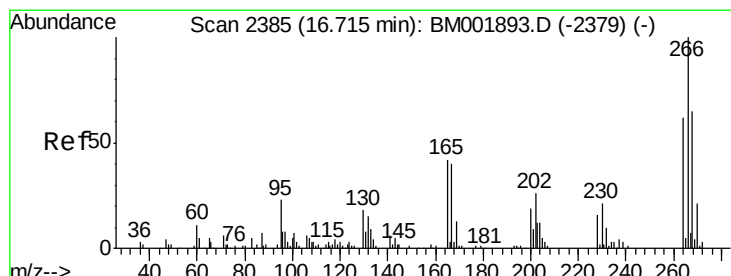
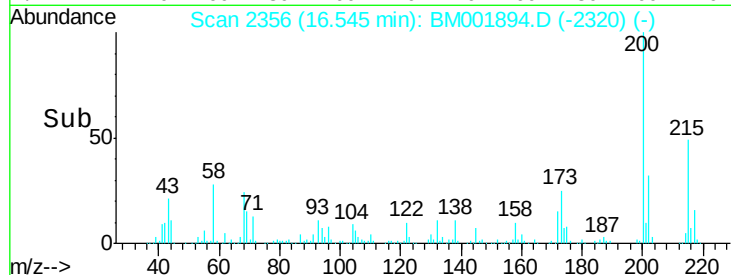
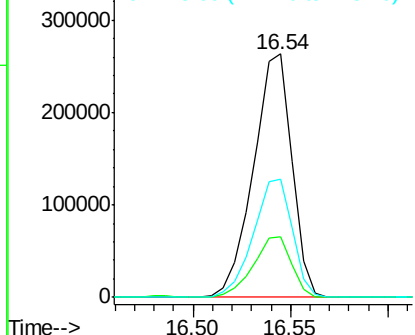
#67
 Atrazine
 Concen: 68.41 ng/ul
 RT: 16.54 min Scan# 2356
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SST04033

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.0	20.2	30.2
215	48.7	40.0	60.0

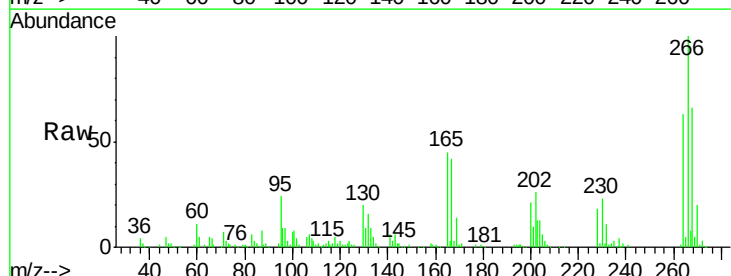


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

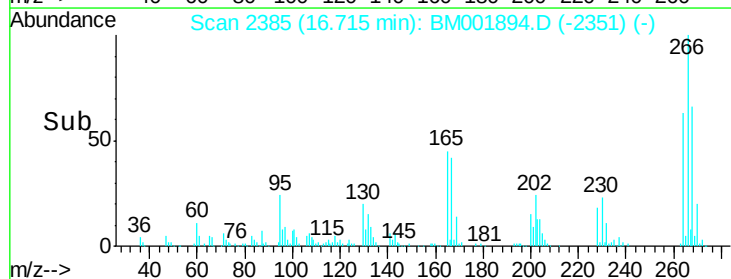
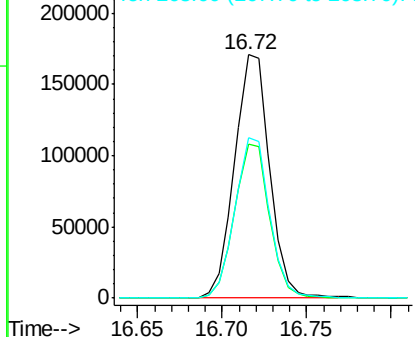


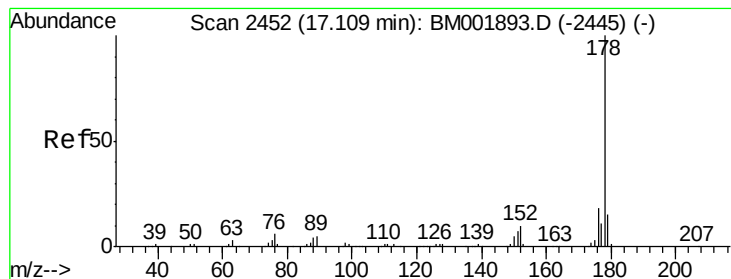
#68
 Pentachlorophenol
 Concen: 71.08 ng/ul
 RT: 16.72 min Scan# 2385
 Delta R.T. 0.00 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.6	74.4
268	66.0	52.0	78.0



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 66.76 ng/ul

RT: 17.11 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

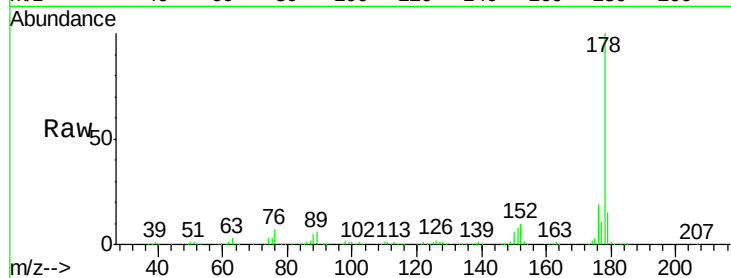
Tgt Ion:178 Resp: 1591783

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

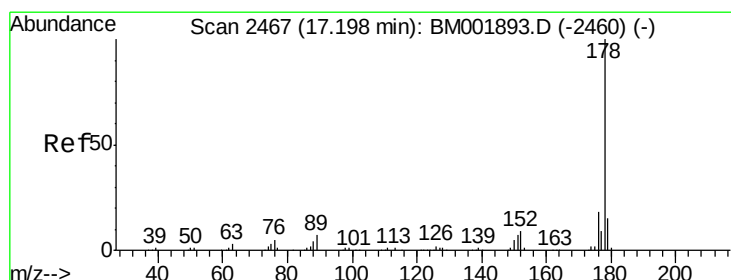
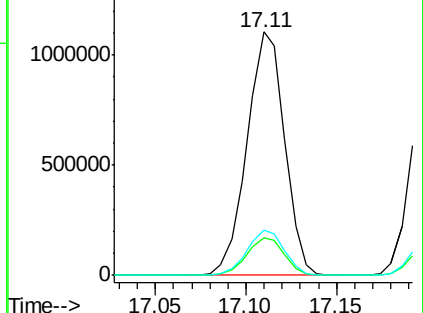
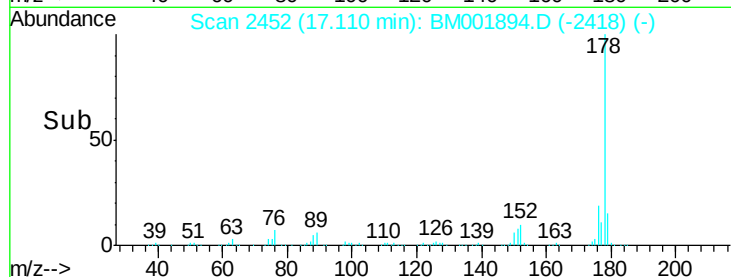
176 18.7 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 67.76 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

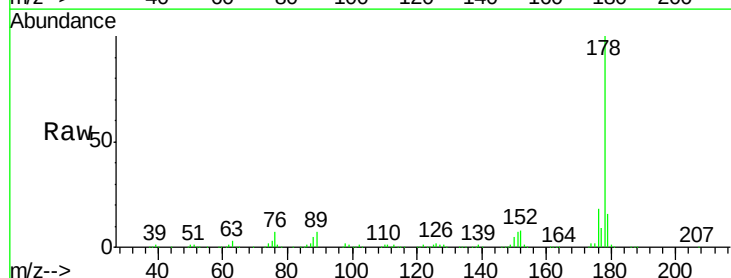
Tgt Ion:178 Resp: 1662158

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

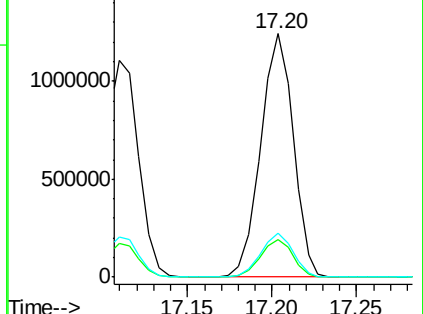
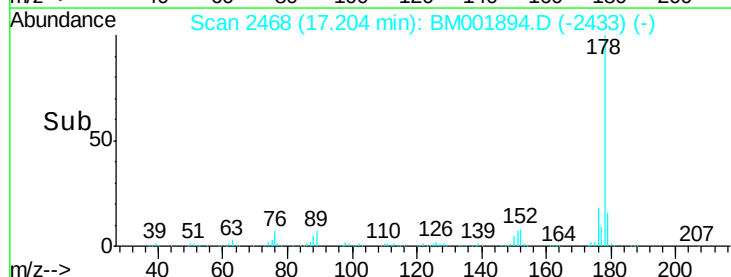
176 17.9 14.3 21.5

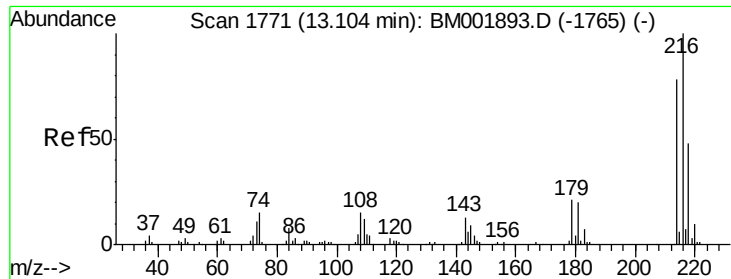


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 66.51 ng/uL

RT: 13.11 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD04033

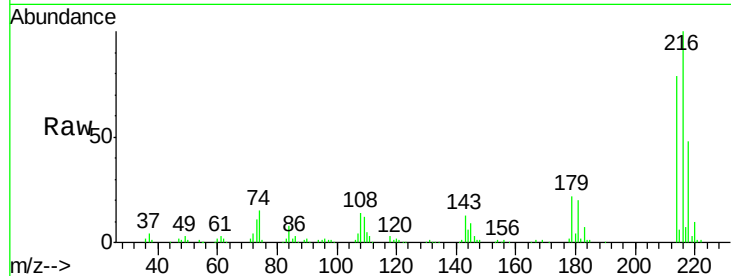
Tgt Ion:216 Resp: 456196

Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.2

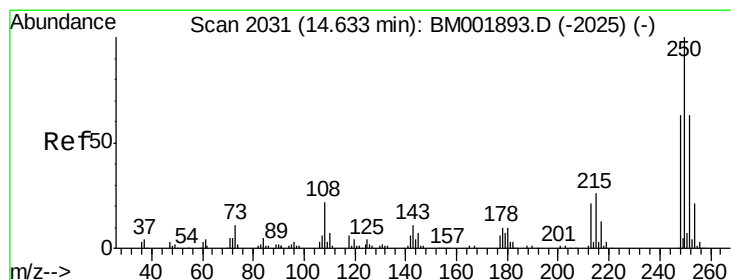
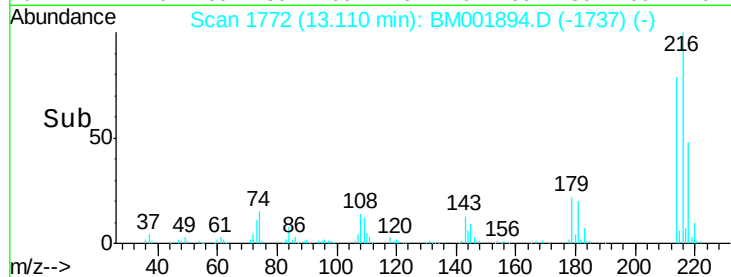
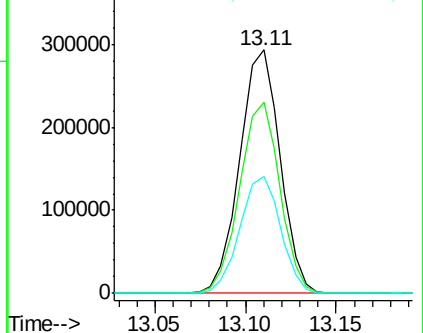
218 47.8 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 67.82 ng/uL

RT: 14.64 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BM001894.D

Acq: 10 Jul 2015 15:38

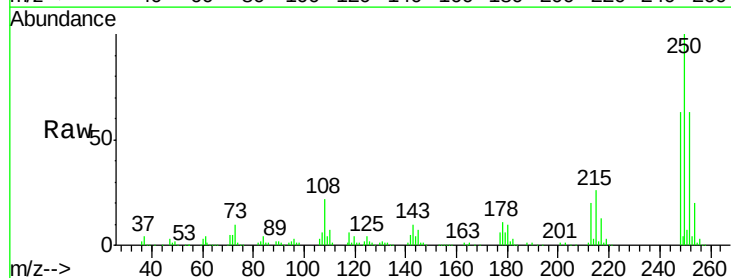
Tgt Ion:250 Resp: 441511

Ion Ratio Lower Upper

250 100

248 62.9 50.1 75.1

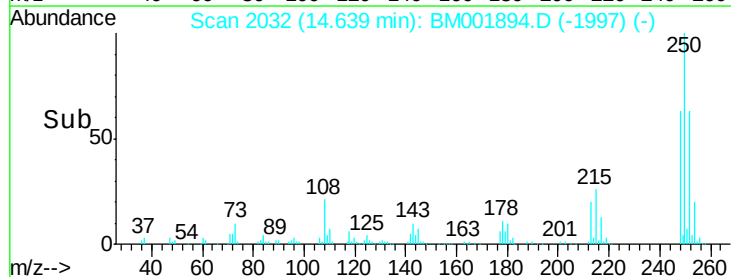
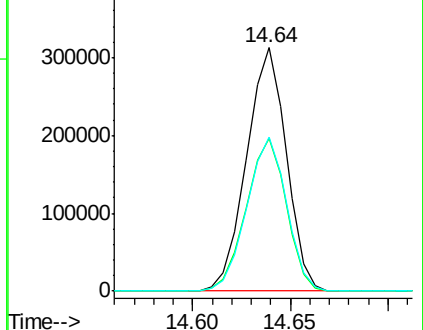
252 63.4 50.6 76.0

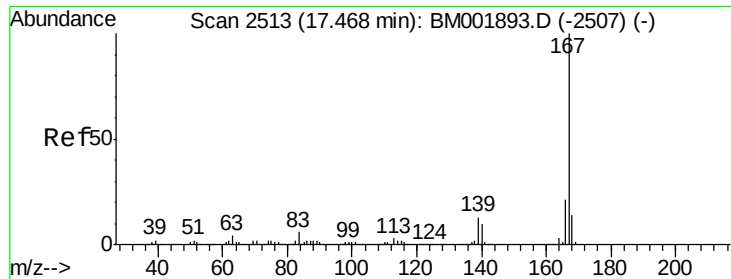


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

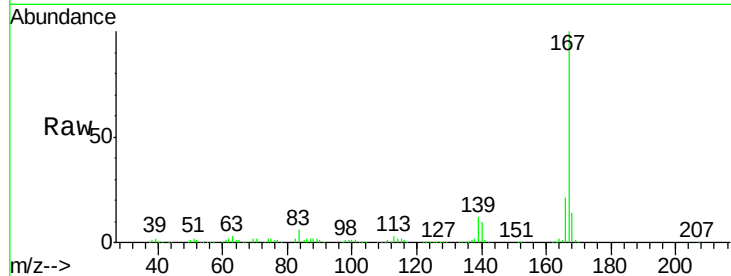




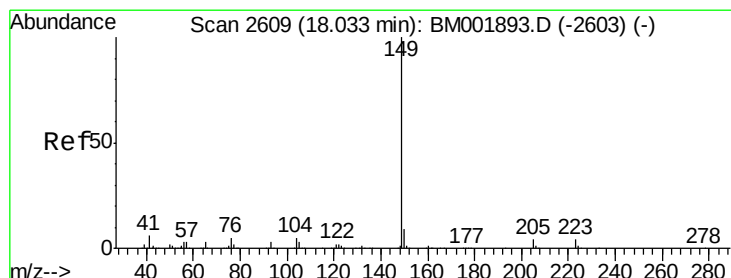
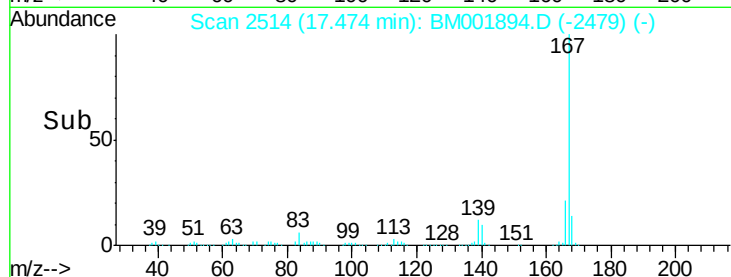
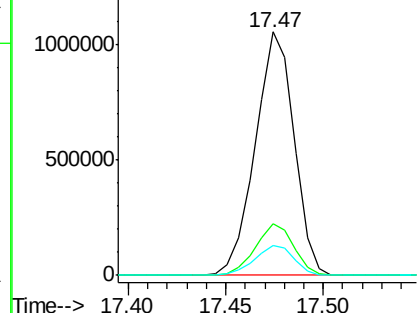
#74
 Carbazole
 Concen: 67.30 ng/ul
 RT: 17.47 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Instrument :
 BNA_M
 ClientSampleId :
 SST04033

Tgt Ion:167 Resp: 1452120
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.8 25.2
 139 12.3 10.2 15.2

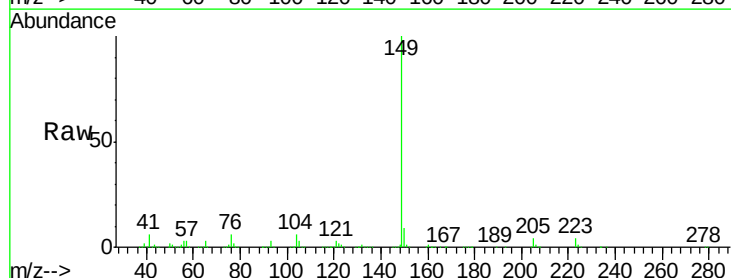


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

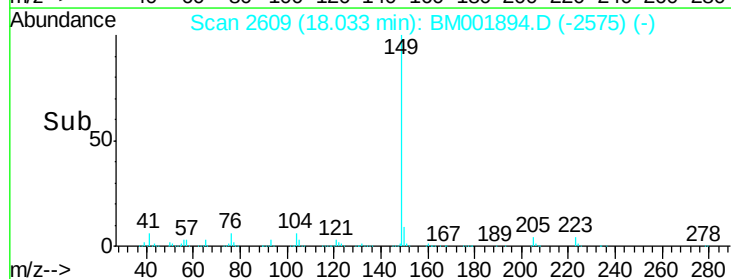
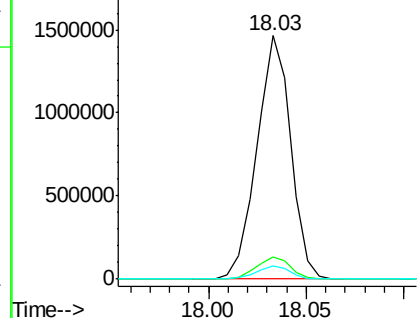


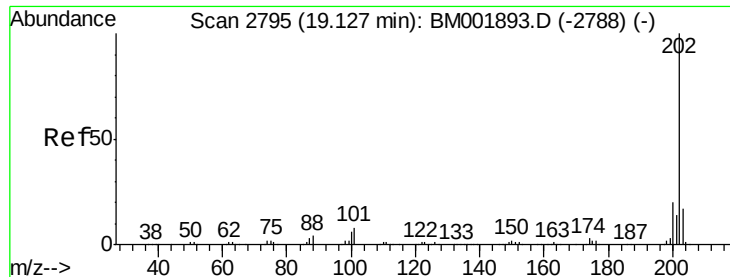
#75
 Di-n-butylphthalate
 Concen: 73.49 ng/ul
 RT: 18.03 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BM001894.D
 Acq: 10 Jul 2015 15:38

Tgt Ion:149 Resp: 1752685
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

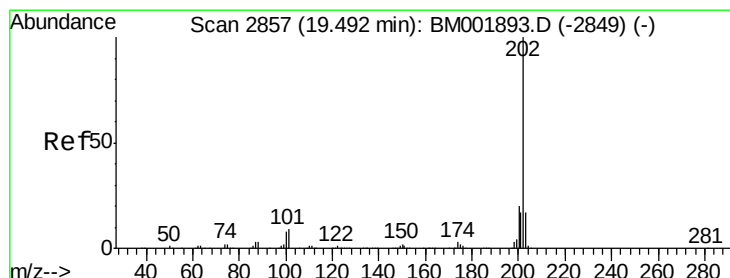
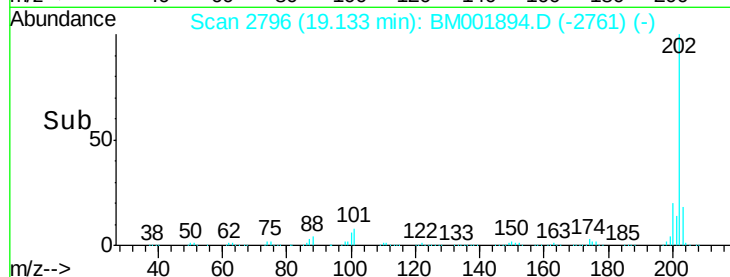
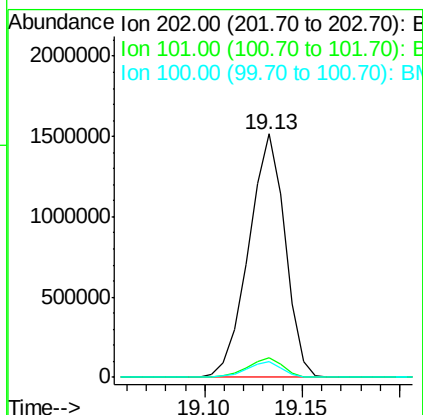
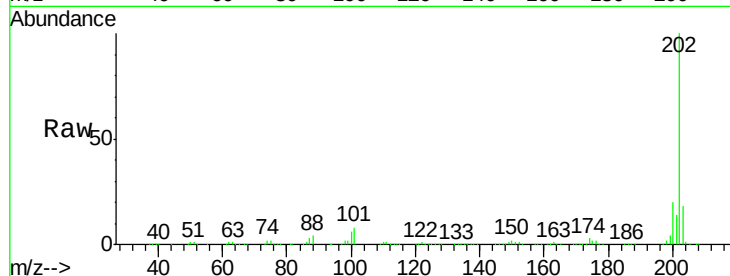




#76
Fluoranthene
Concen: 68.18 ng/ul
RT: 19.13 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

Instrument :
BNA_M
ClientSampleId :
SSTD04033

Tgt Ion:202 Resp: 1958495
Ion Ratio Lower Upper
202 100
101 8.2 6.3 9.5
100 6.4 5.0 7.4



#79
Pyrene
Concen: 68.36 ng/ul
RT: 19.50 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BM001894.D
Acq: 10 Jul 2015 15:38

Tgt Ion:202 Resp: 2055570
Ion Ratio Lower Upper
202 100
101 9.6 7.3 10.9
100 8.0 6.2 9.4

