

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012417\
 Data File : BM008856.D
 Acq On : 25 Jan 2017 01:53
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

Quant Time: Jan 25 03:40:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 03:34:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	66732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	287035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	234923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	543334	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	642421	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	541363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	11845	8.77	ng/uL	0.00
5) Phenol-d5	7.08	99	118588	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	100779	22.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	77374	21.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	89916	20.32	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	39888	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	45082	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	99485	21.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	105712	20.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	336134	21.84	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	400290	21.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	51379	19.96	ng/ul	0.00
57) Fluorene-d10	15.56	176	313893	21.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	60150	18.59	ng/ul	0.00
70) Anthracene-d10	17.42	188	515883	21.71	ng/ul	0.00
76) Pyrene-d10	19.70	212	597169	21.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	502735	21.93	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	14221	8.69	ng/uL#	29
4) Benzaldehyde	7.08	77	118891	25.57	ng/ul#	68
6) Phenol	7.11	94	127813	20.74	ng/ul#	47
8) Bis(2-Chloroethyl)ether	7.36	93	96114	20.82	ng/ul#	69
10) 2-Chlorophenol	7.49	128	84028	22.09	ng/ul#	69
11) 2-Methylphenol	8.36	108	92110	20.84	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.46	45	182991	21.09	ng/ul#	91
14) Acetophenone	8.76	105	169762	20.93	ng/ul#	61
15) N-Nitroso-di-n-propylamine	8.74	70	109281	20.67	ng/ul#	62
16) 4-Methylphenol	8.69	108	100468	21.10	ng/ul	98
17) Hexachloroethane	9.02	117	49931	21.28	ng/ul	94
20) Nitrobenzene	9.14	77	176890	21.98	ng/ul#	84
21) Isophorone	9.66	82	273757	21.07	ng/ul#	89
23) 2-Nitrophenol	9.85	139	48247	20.95	ng/ul#	16
24) 2,4-Dimethylphenol	9.90	107	142421	21.69	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.14	93	140940	21.77	ng/ul	95
27) 2,4-Dichlorophenol	10.37	162	99909	21.88	ng/ul	93
28) Naphthalene	10.79	128	281411	21.24	ng/ul	98
30) 4-Chloroaniline	10.90	127	117031	22.57	ng/ul	93
31) Hexachlorobutadiene	11.06	225	98869	22.39	ng/ul	94
32) Caprolactam	11.68	113	26610	18.95	ng/ul#	39
33) 4-Chloro-3-methylphenol	12.00	107	124088	20.95	ng/ul#	90
34) 2-Methylnaphthalene	12.39	142	226631	21.06	ng/ul	98

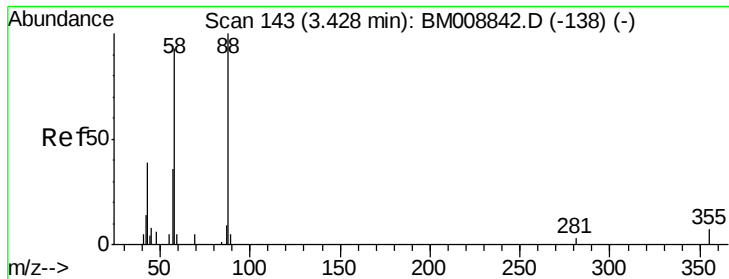
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012417\
 Data File : BM008856.D
 Acq On : 25 Jan 2017 01:53
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTD02047

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	154117	21.36	ng/ul#	93
37) Hexachlorocyclopentadiene	12.73	237	115432	20.69	ng/ul#	90
38) 2,4,6-Trichlorophenol	13.00	196	94538	21.70	ng/ul	98
39) 2,4,5-Trichlorophenol	13.06	196	99840	21.34	ng/ul	94
40) 1,1'-Biphenyl	13.40	154	322024	22.18	ng/ul	97
41) 2-Chloronaphthalene	13.45	162	249529	21.84	ng/ul	92
42) 2-Nitroaniline	13.65	65	127243	22.44	ng/ul#	63
44) Dimethylphthalate	14.02	163	322671	20.97	ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	61170	20.75	ng/ul#	42
47) Acenaphthylene	14.29	152	384000	21.88	ng/ul	98
48) 3-Nitroaniline	14.47	138	61474	22.05	ng/ul#	65
49) Acenaphthene	14.63	153	267490	21.67	ng/ul	98
50) 2,4-Dinitrophenol	14.68	184	34485	16.29	ng/ul#	28
52) 4-Nitrophenol	14.77	109	107649	20.28	ng/ul#	66
53) Dibenzofuran	14.97	168	407558	21.47	ng/ul	88
54) 2,4-Dinitrotoluene	14.93	165	96748	21.38	ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.19	232	100561	21.40	ng/ul#	92
56) Diethylphthalate	15.38	149	358271	21.41	ng/ul	94
58) Fluorene	15.62	166	339708	21.42	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.61	204	200349	21.81	ng/ul	91
60) 4-Nitroaniline	15.63	138	68285	21.97	ng/ul#	22
63) 4,6-Dinitro-2-methylphenol	15.69	198	66076	19.74	ng/ul#	54
64) N-Nitrosodiphenylamine	15.82	169	299639	21.80	ng/ul	97
65) 4-Bromophenyl-phenylether	16.50	248	131837	22.35	ng/ul	92
66) Hexachlorobenzene	16.62	284	138340	21.62	ng/ul#	89
67) Atrazine	16.77	200	129812	20.63	ng/ul	94
68) Pentachlorophenol	16.96	266	85752	20.42	ng/ul	96
69) Phenanthrene	17.36	178	574692	21.47	ng/ul	99
71) Anthracene	17.45	178	596455	21.79	ng/ul	98
72) Carbazole	17.72	167	512837	21.36	ng/ul	98
73) Di-n-butylphthalate	18.27	149	605606	20.97	ng/ul#	96
74) Fluoranthene	19.37	202	717961	20.64	ng/ul#	96
77) Pyrene	19.73	202	752017	21.82	ng/ul#	94
78) Butylbenzylphthalate	20.62	149	271126	21.13	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.40	252	261514	21.77	ng/ul	95
80) Benzo(a)anthracene	21.47	228	744258	21.54	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.38	149	373910	20.97	ng/ul	98
82) Chrysene	21.52	228	681924	21.23	ng/ul	96
84) Di-n-octyl phthalate	22.29	149	613744	19.53	ng/ul#	82
85) Benzo(b)fluoranthene	23.13	252	697651	22.18	ng/ul#	98
86) Benzo(k)fluoranthene	23.17	252	637499	21.34	ng/ul#	98
88) Benzo(a)pyrene	23.74	252	633742	21.96	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.26	276	671473	23.18	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.27	278	565019	22.53	ng/ul#	95
91) Benzo(g,h,i)perylene	27.00	276	555178	23.57	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 8.69 ng/uL

RT: 3.42 min Scan# 142

Delta R.T. -0.01 min

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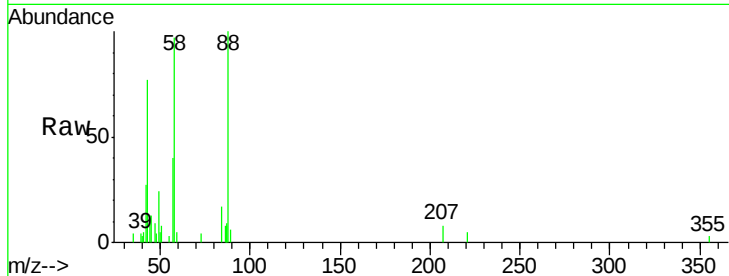
Tgt Ion: 88 Resp: 14221

Ion Ratio Lower Upper

88 100

43 67.9 20.7 31.1#

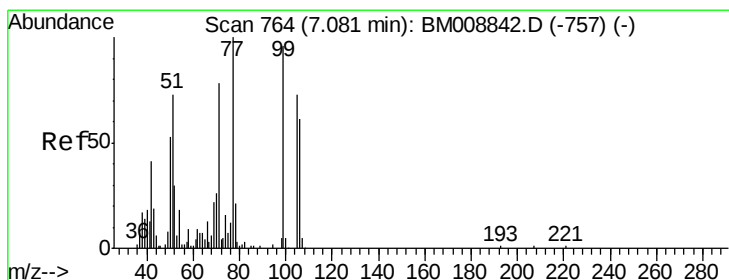
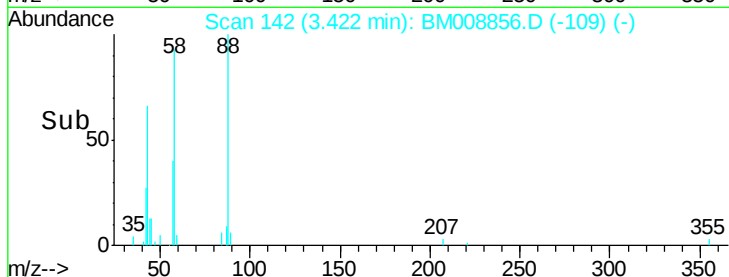
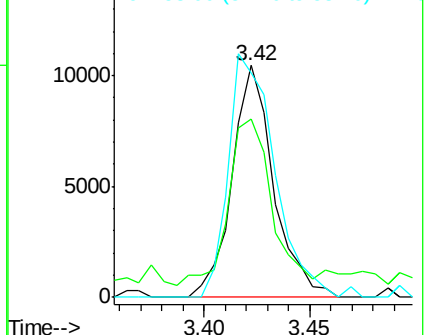
58 116.5 51.6 77.4#



Abundance Ion 88.00 (87.70 to 88.70): BM008856.D (-109) (-)

Ion 43.00 (42.70 to 43.70): BM008856.D (-109) (-)

Ion 58.00 (57.70 to 58.70): BM008856.D (-109) (-)



#4

Benzaldehyde

Concen: 25.57 ng/uL

RT: 7.08 min Scan# 764

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

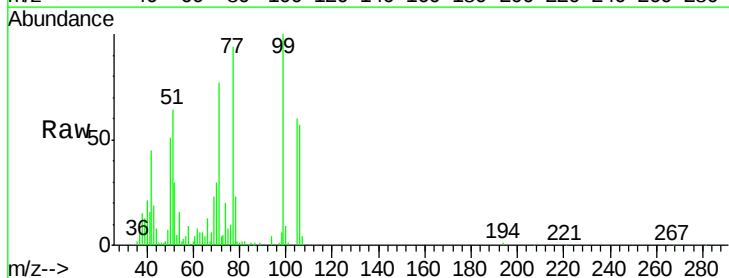
Tgt Ion: 77 Resp: 118891

Ion Ratio Lower Upper

77 100

105 63.8 76.5 114.7#

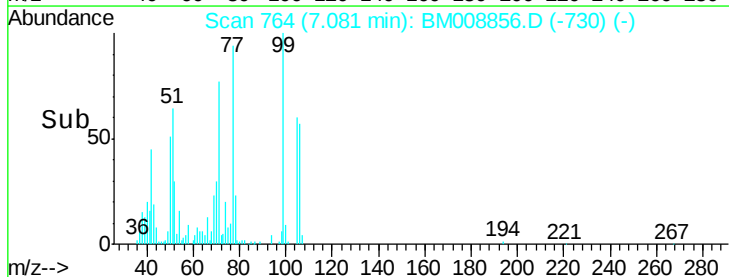
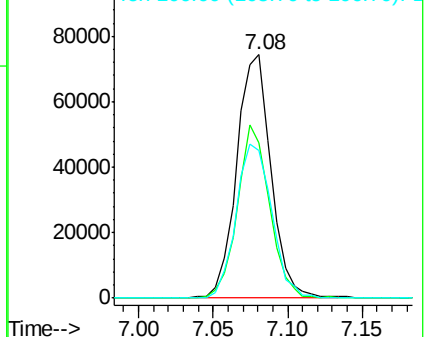
106 60.7 71.3 106.9#

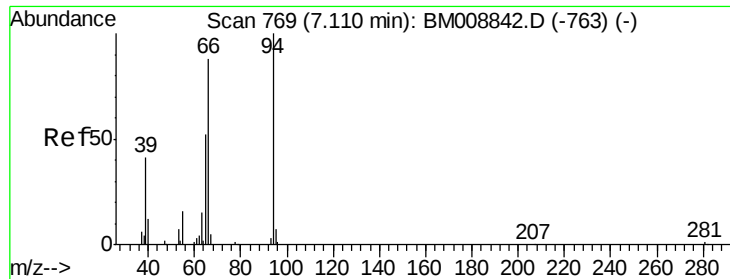


Abundance Ion 77.00 (76.70 to 77.70): BM008856.D (-730) (-)

Ion 105.00 (104.70 to 105.70): BM008856.D (-730) (-)

Ion 106.00 (105.70 to 106.70): BM008856.D (-730) (-)





#6

Phenol

Concen: 20.74 ng/ul

RT: 7.11 min Scan# 769

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

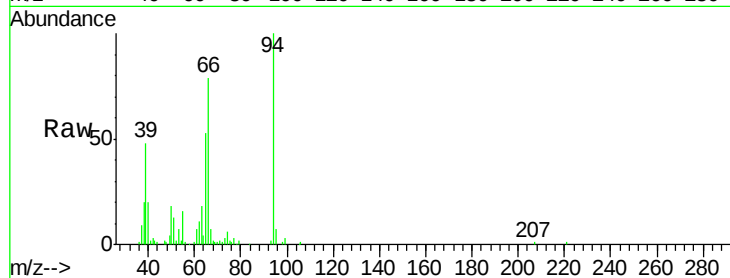
Tgt Ion: 94 Resp: 127813

Ion Ratio Lower Upper

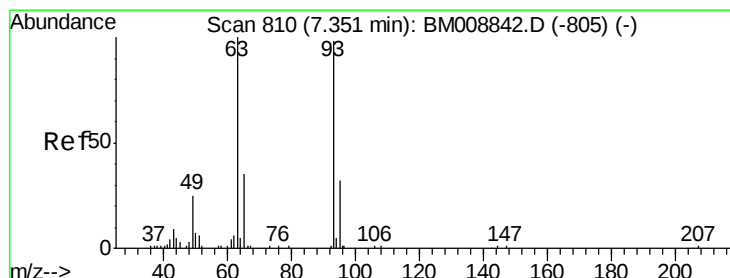
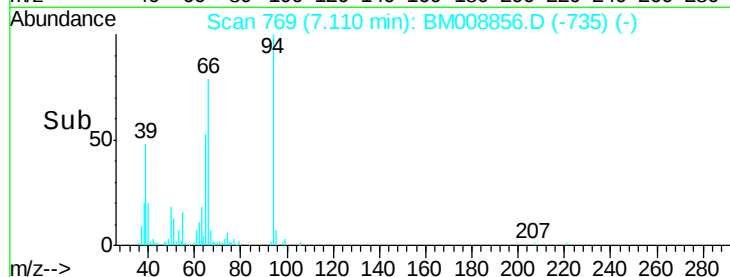
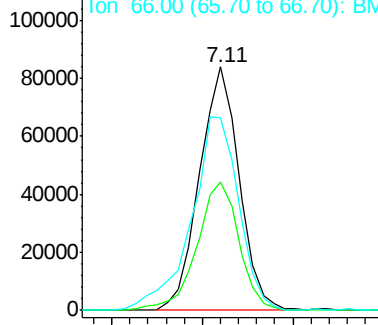
94 100

65 52.8 23.1 34.7#

66 79.3 33.7 50.5#



Abundance Ion 94.00 (93.70 to 94.70): BM008842.D (-763) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.82 ng/ul

RT: 7.36 min Scan# 811

Delta R.T. 0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

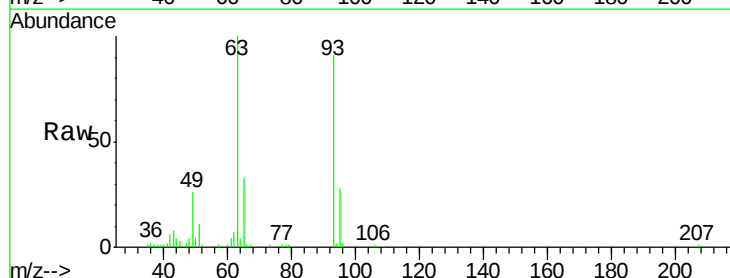
Tgt Ion: 93 Resp: 96114

Ion Ratio Lower Upper

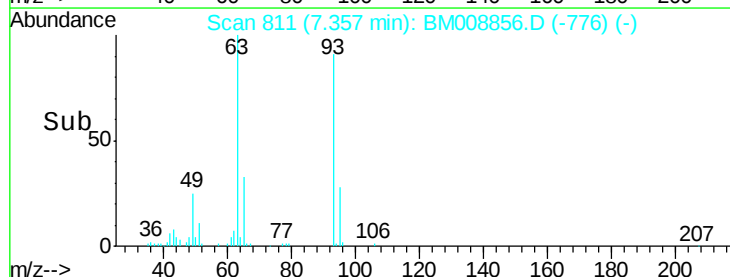
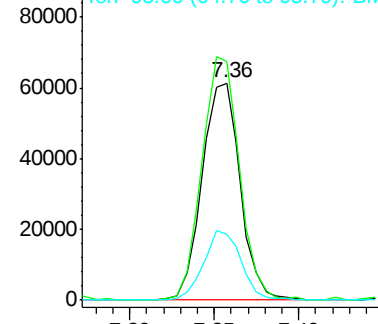
93 100

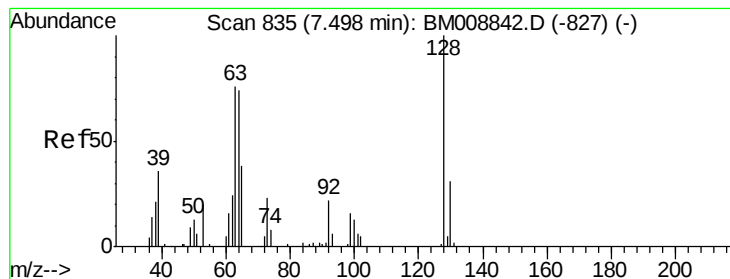
63 109.6 58.4 87.6#

95 30.3 25.4 38.2



Abundance Ion 93.00 (92.70 to 93.70): BM008842.D (-805) (-)





#10

2-Chlorophenol

Concen: 22.09 ng/ul

RT: 7.49 min Scan# 834

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

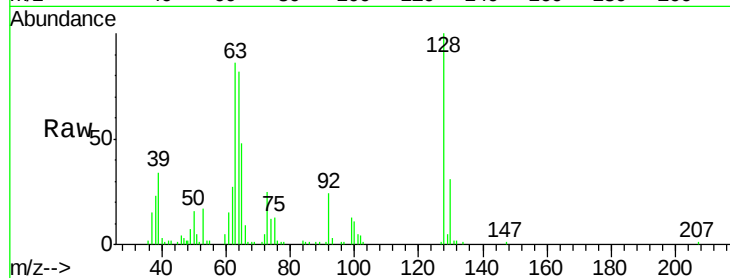
Tgt Ion:128 Resp: 84028

Ion Ratio Lower Upper

128 100

64 82.0 38.7 58.1#

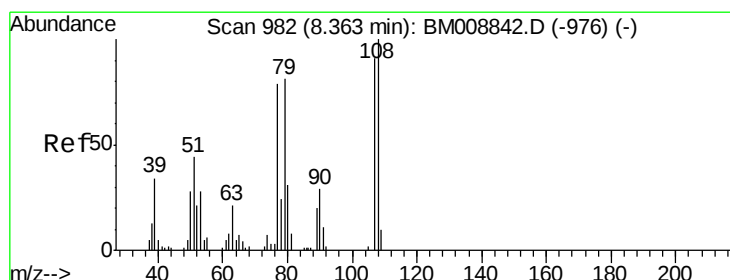
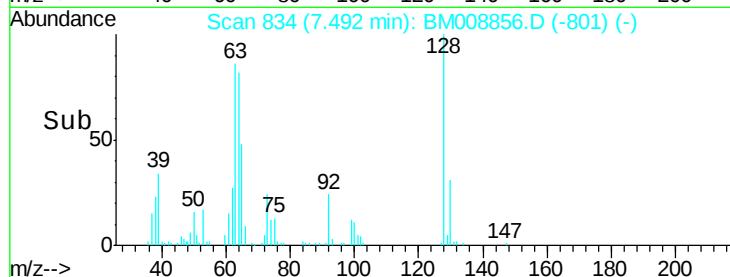
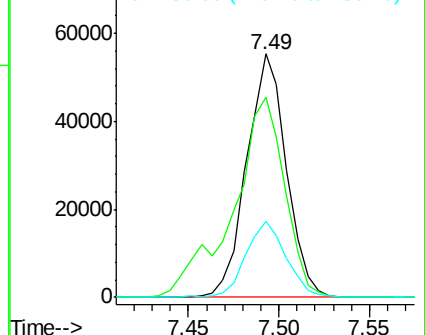
130 31.4 26.9 40.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM008842.D (-827) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.84 ng/ul

RT: 8.36 min Scan# 982

Delta R.T. -0.00 min

Lab File: BM008856.D

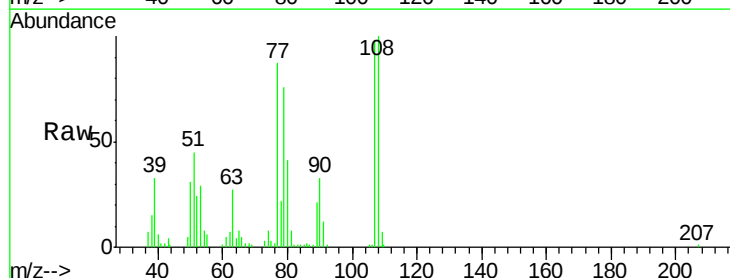
Acq: 25 Jan 2017 01:53

Tgt Ion:108 Resp: 92110

Ion Ratio Lower Upper

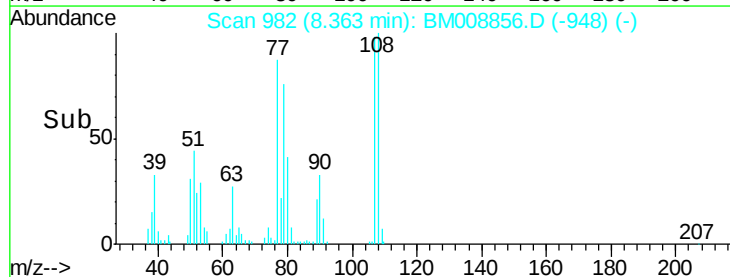
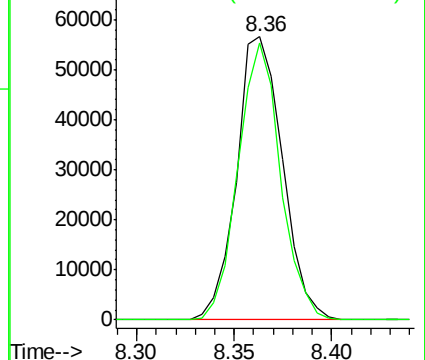
108 100

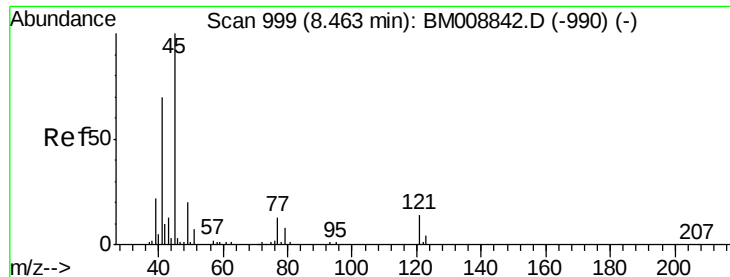
107 98.1 74.6 111.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

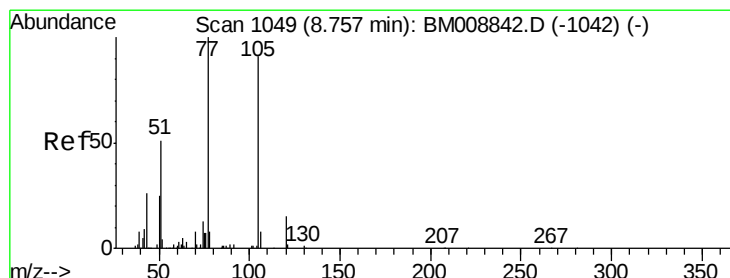
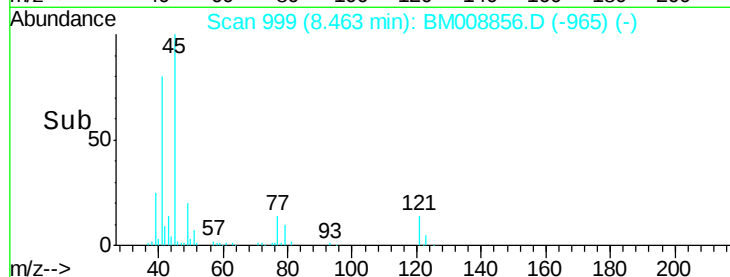
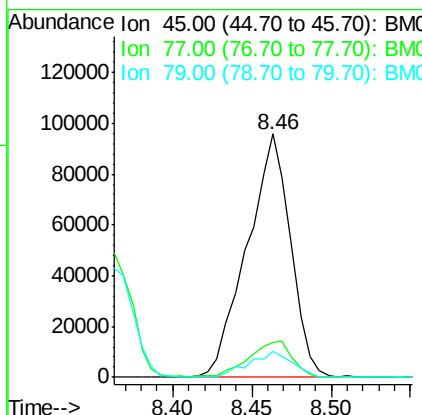
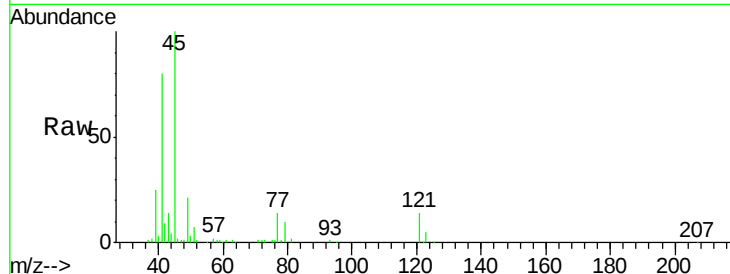




#12
2,2'-oxybis(1-chloropropane)
Concen: 21.09 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

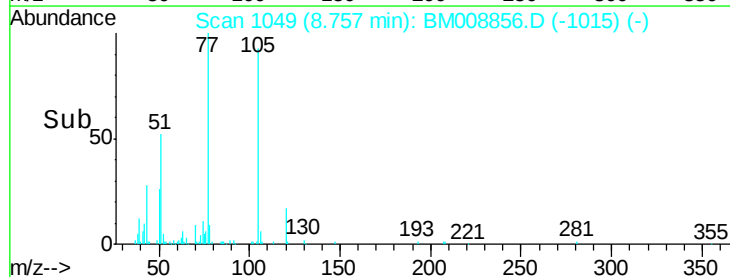
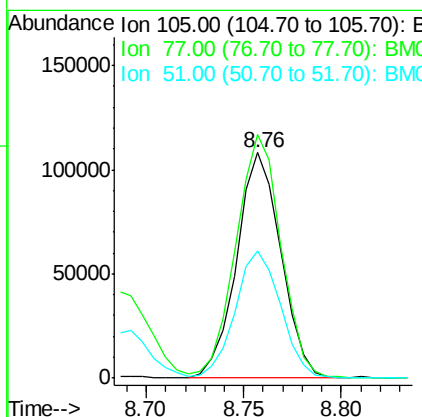
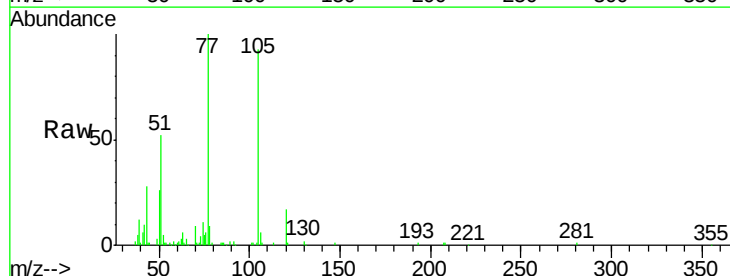
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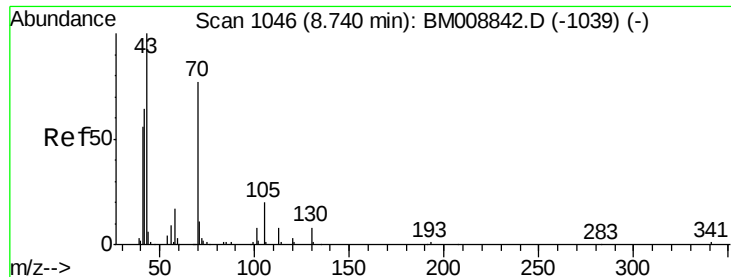
Tgt Ion: 45 Resp: 182991
Ion Ratio Lower Upper
45 100
77 14.3 13.8 20.6
79 10.5 12.1 18.1#



#14
Acetophenone
Concen: 20.93 ng/ul
RT: 8.76 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion: 105 Resp: 169762
Ion Ratio Lower Upper
105 100
77 108.0 64.2 96.4#
51 56.1 19.8 29.6#

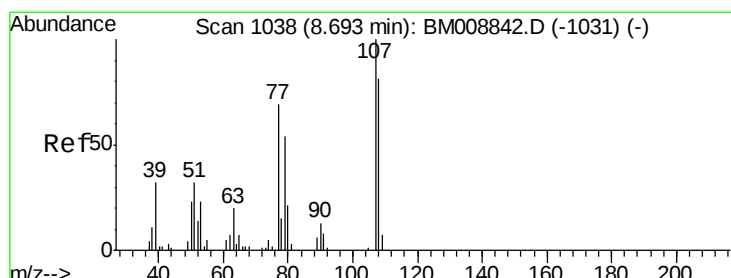
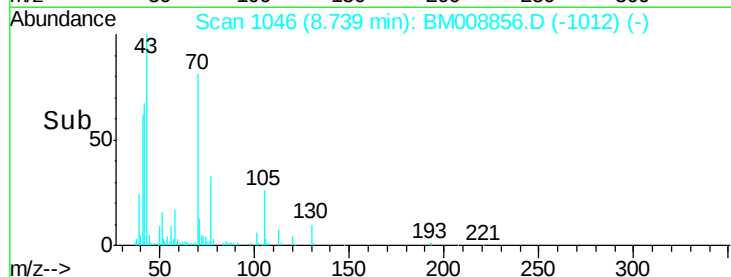
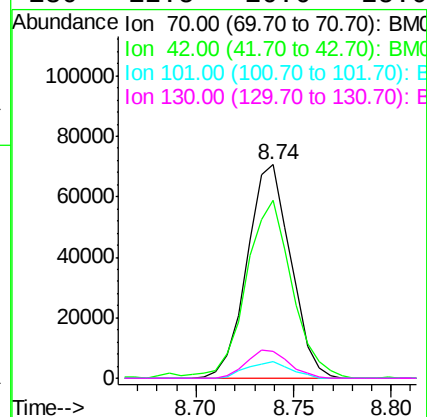
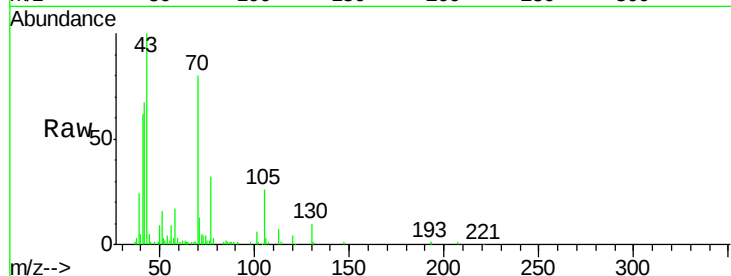




#15
N-Nitroso-di-n-propylamine
Concen: 20.67 ng/ul
RT: 8.74 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

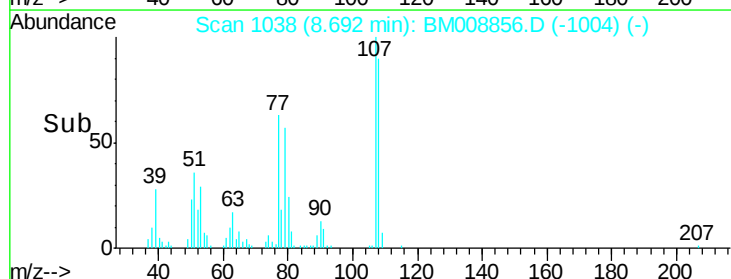
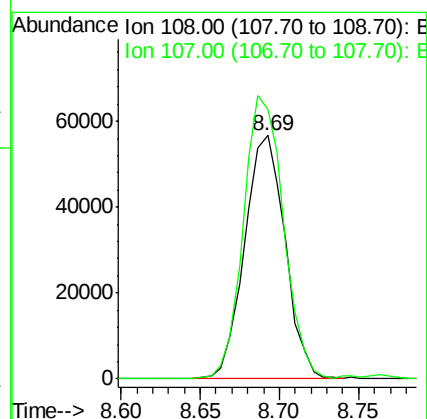
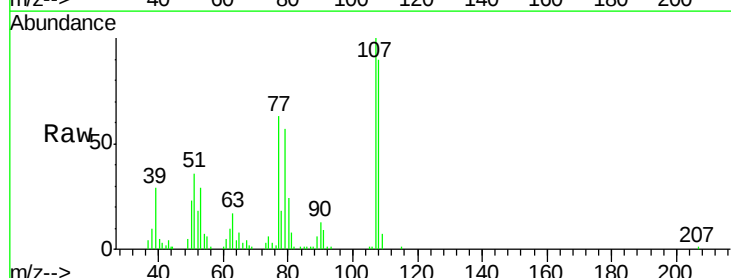
Instrument :
BNA_M
ClientSampleId :
SSTD02047

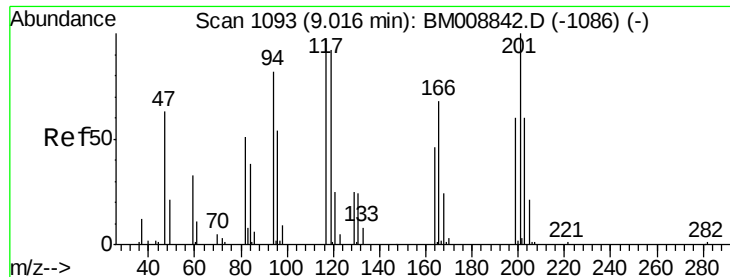
Tgt Ion: 70 Resp: 109281
Ion Ratio Lower Upper
70 100
42 83.3 37.5 56.3#
101 7.8 7.8 11.8#
130 12.5 16.6 25.0#



#16
4-Methylphenol
Concen: 21.10 ng/ul
RT: 8.69 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion: 108 Resp: 100468
Ion Ratio Lower Upper
108 100
107 110.5 90.3 135.5





#17

Hexachloroethane

Concen: 21.28 ng/ul

RT: 9.02 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

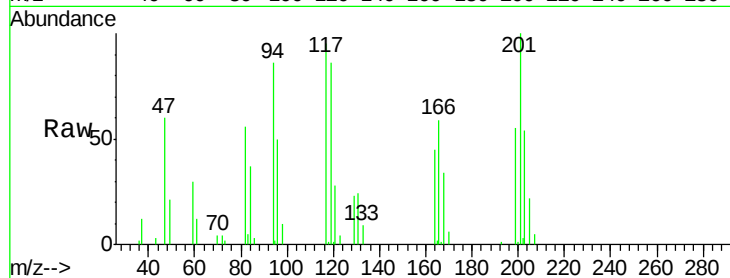
Tgt Ion:117 Resp: 49931

Ion Ratio Lower Upper

117 100

201 104.8 85.4 128.2

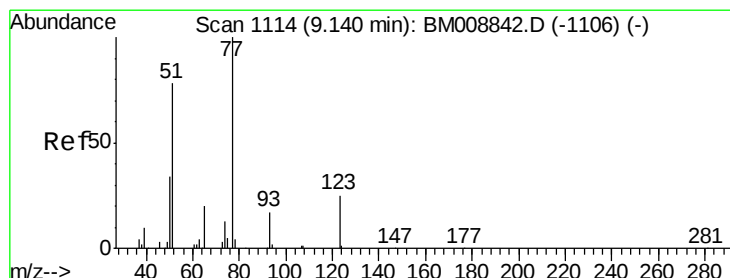
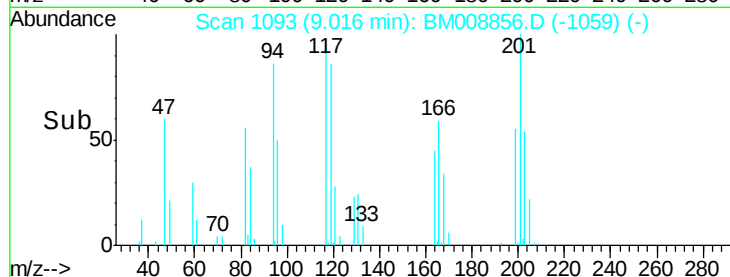
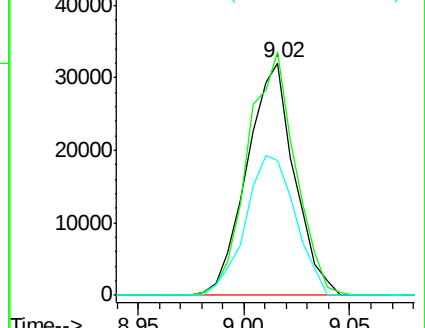
199 58.0 54.1 81.1



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: 21.98 ng/ul

RT: 9.14 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

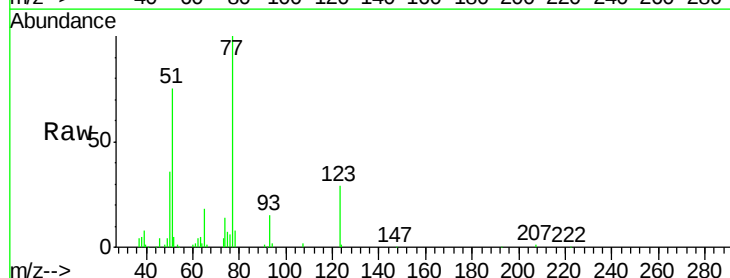
Tgt Ion: 77 Resp: 176890

Ion Ratio Lower Upper

77 100

123 28.7 32.2 48.2#

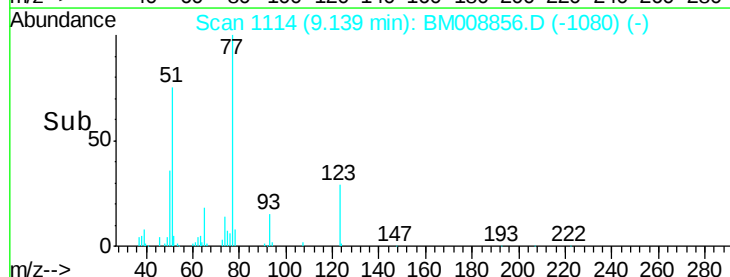
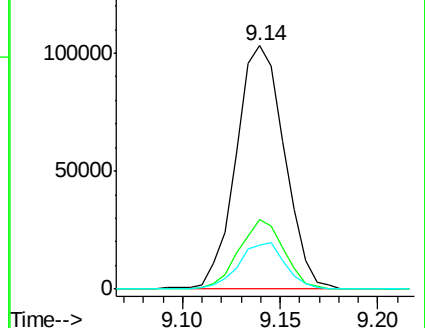
65 17.9 11.0 16.6#

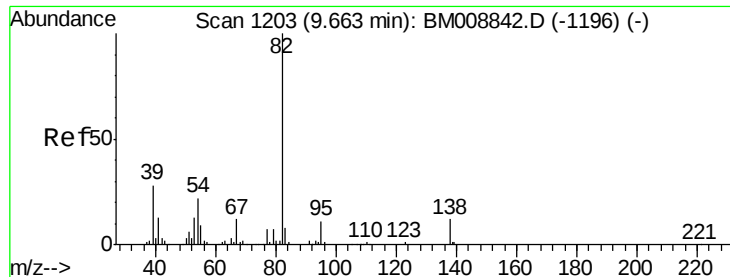


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 21.07 ng/ul

RT: 9.66 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

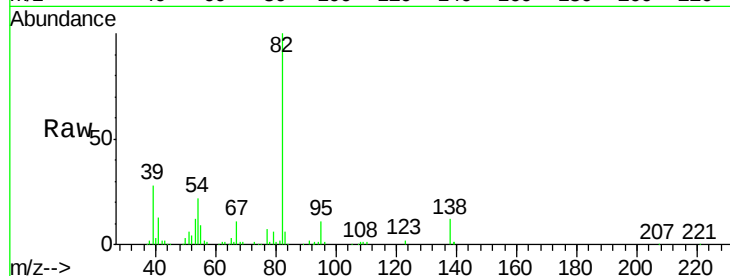
Tgt Ion: 82 Resp: 273757

Ion Ratio Lower Upper

82 100

95 10.7 6.1 9.1#

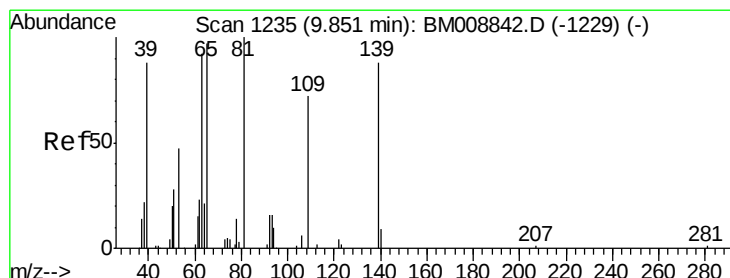
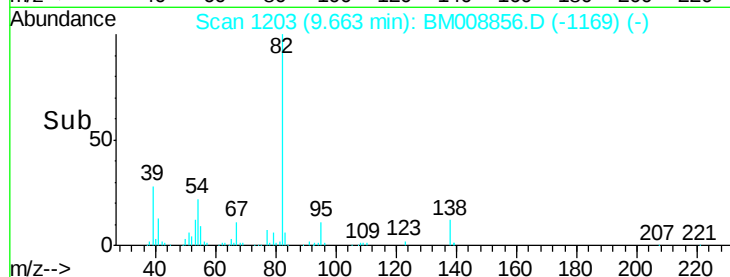
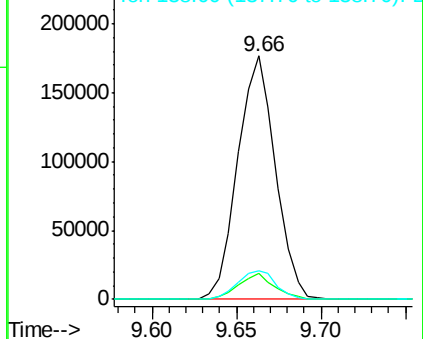
138 11.6 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BM008842.D (-1196) (-)

Ion 95.00 (94.70 to 95.70): BM008842.D (-1196) (-)

Ion 138.00 (137.70 to 138.70): BM008842.D (-1196) (-)



#23

2-Nitrophenol

Concen: 20.95 ng/ul

RT: 9.85 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

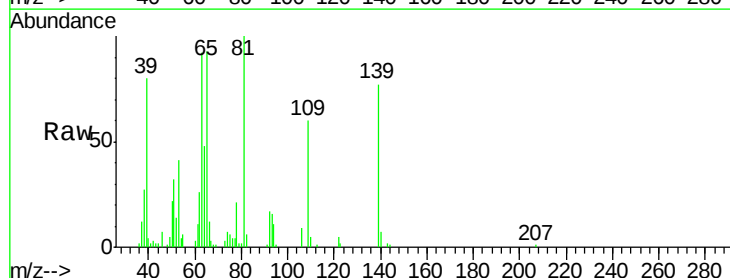
Tgt Ion: 139 Resp: 48247

Ion Ratio Lower Upper

139 100

65 120.2 42.3 63.5#

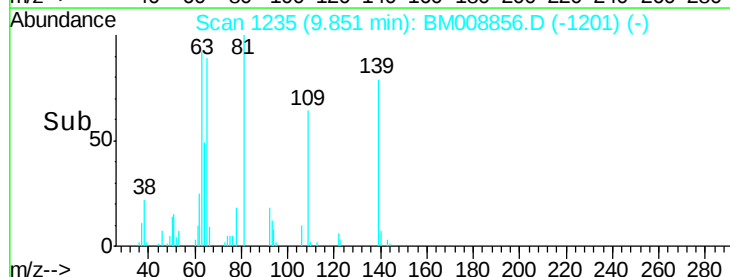
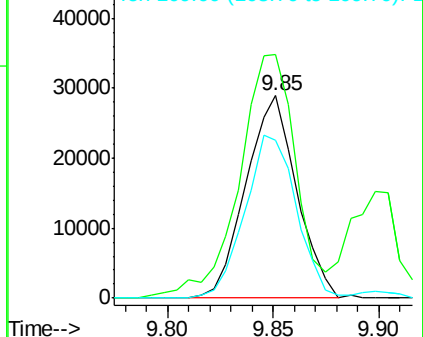
109 77.8 29.7 44.5#

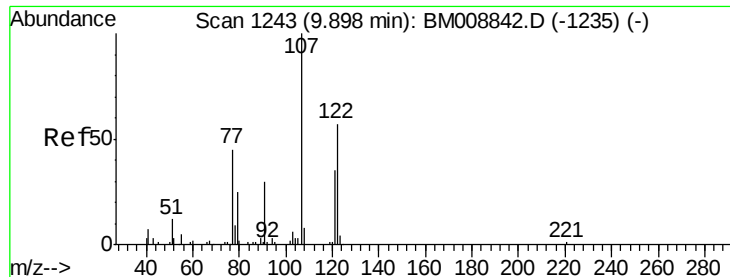


Abundance Ion 139.00 (138.70 to 139.70): BM008842.D (-1229) (-)

Ion 65.00 (64.70 to 65.70): BM008842.D (-1229) (-)

Ion 109.00 (108.70 to 109.70): BM008842.D (-1229) (-)

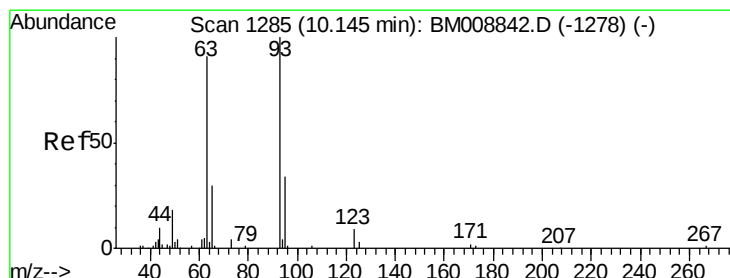
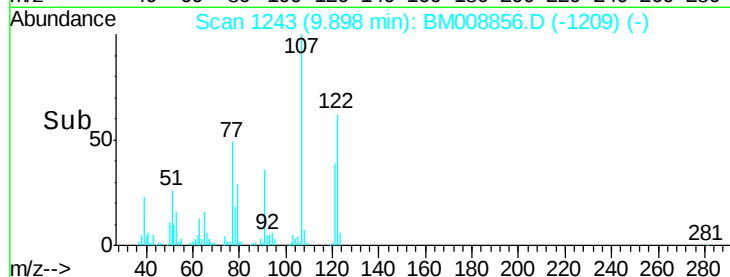
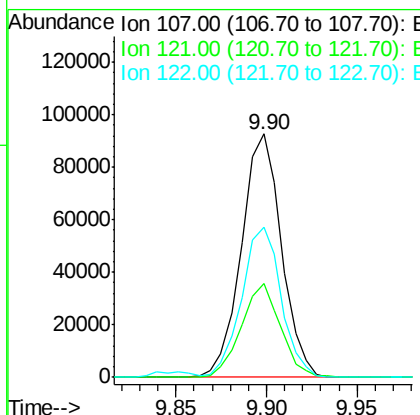
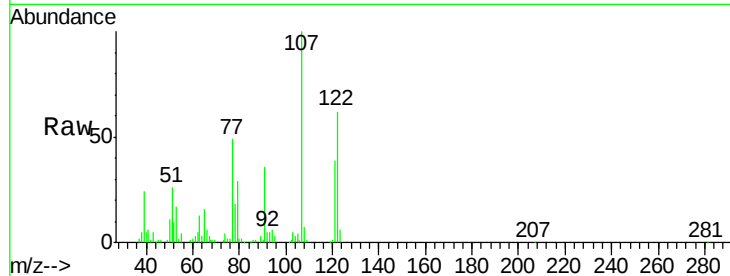




#24
2,4-Dimethylphenol
Concen: 21.69 ng/ul
RT: 9.90 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

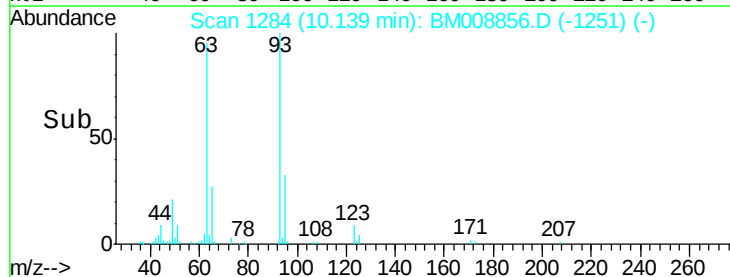
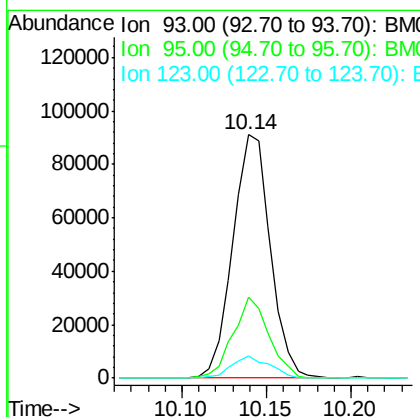
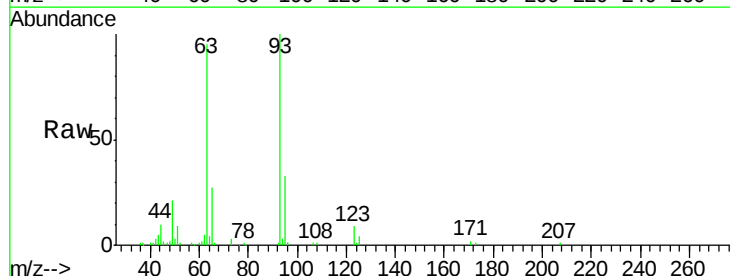
Instrument :
BNA_M
ClientSampleId :
SSTD02047

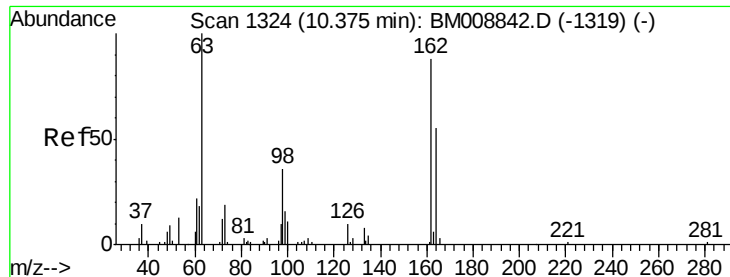
Tgt Ion: 107 Resp: 142421
Ion Ratio Lower Upper
107 100
121 38.6 38.0 57.0
122 61.7 62.2 93.2#



#25
Bis(2-Chloroethoxy)methane
Concen: 21.77 ng/ul
RT: 10.14 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion: 93 Resp: 140940
Ion Ratio Lower Upper
93 100
95 33.5 24.2 36.2
123 9.0 8.2 12.2

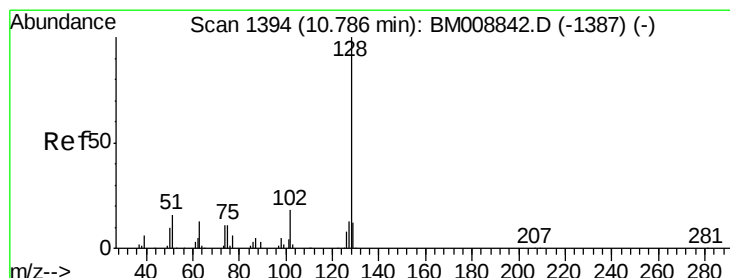
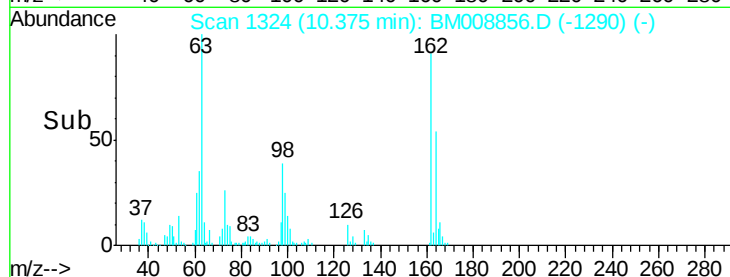
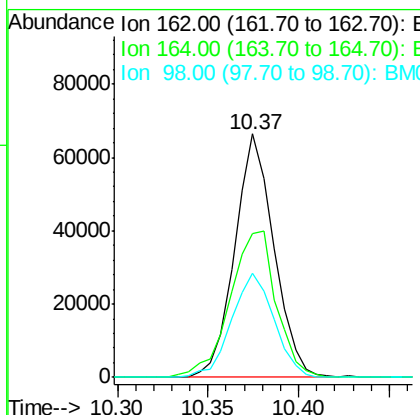
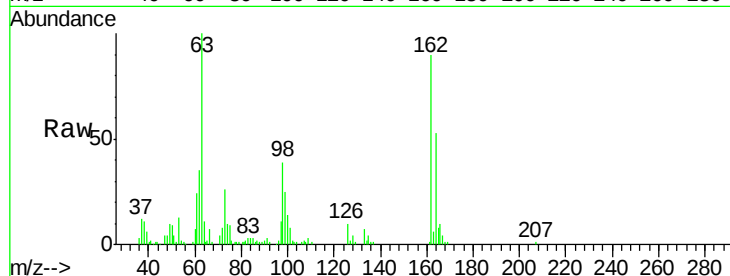




#27
2,4-Dichlorophenol
Concen: 21.88 ng/ul
RT: 10.37 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

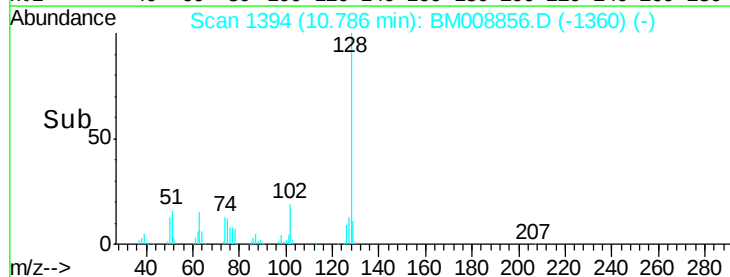
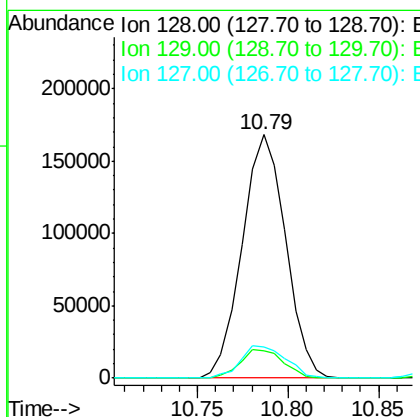
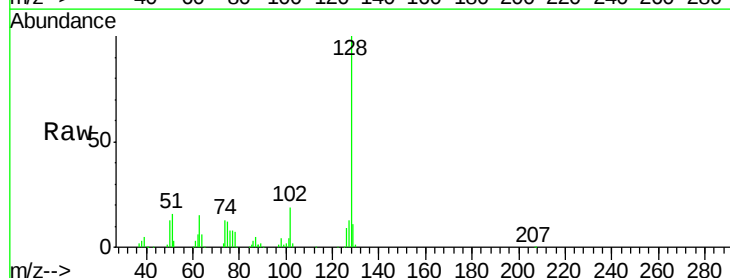
Instrument :
BNA_M
ClientSampleId :
SSTD02047

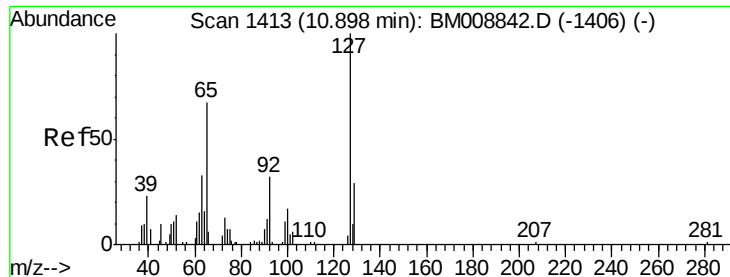
Tgt Ion:162 Resp: 99909
Ion Ratio Lower Upper
162 100
164 59.0 50.8 76.2
98 42.7 29.8 44.6



#28
Naphthalene
Concen: 21.24 ng/ul
RT: 10.79 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion:128 Resp: 281411
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 12.6 10.6 16.0

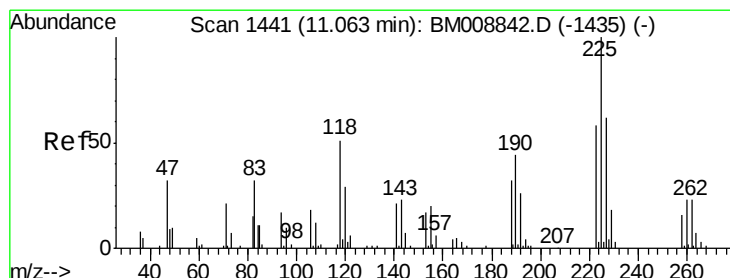
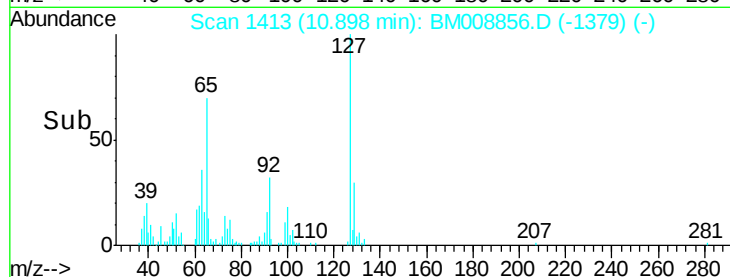
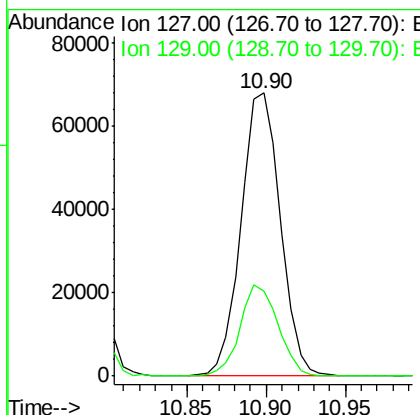
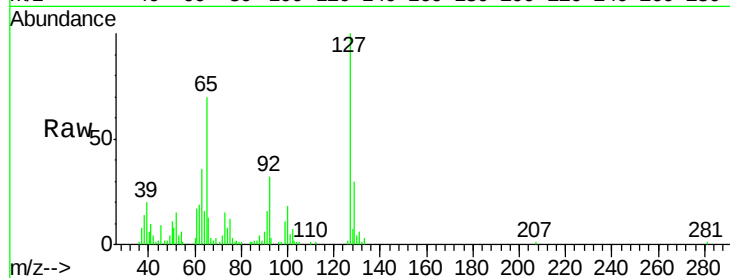




#30
4-Chloroaniline
Concen: 22.57 ng/ul
RT: 10.90 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

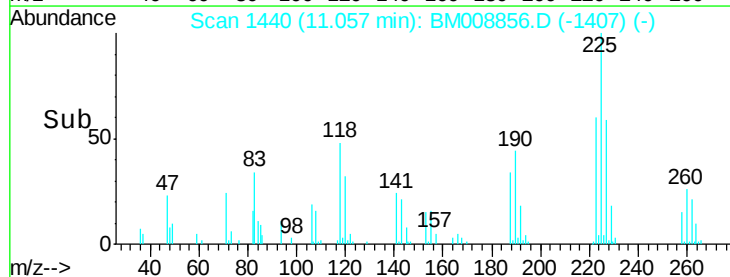
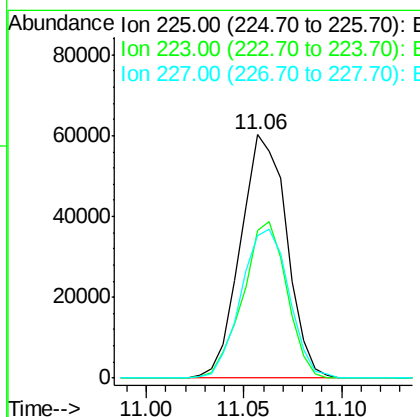
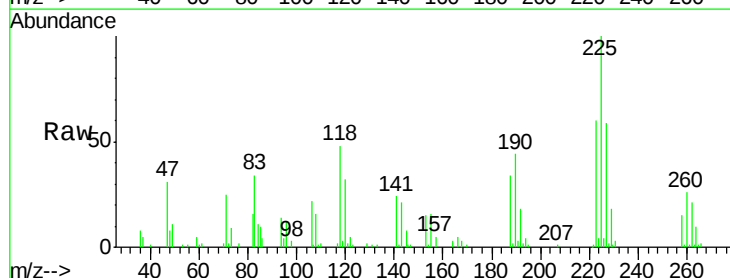
Instrument :
BNA_M
ClientSampleId :
SSTD02047

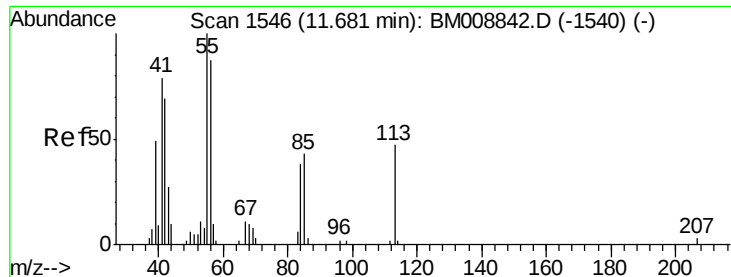
Tgt Ion:127 Resp: 117031
Ion Ratio Lower Upper
127 100
129 30.0 27.1 40.7



#31
Hexachlorobutadiene
Concen: 22.39 ng/ul
RT: 11.06 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion:225 Resp: 98869
Ion Ratio Lower Upper
225 100
223 60.5 47.8 71.8
227 58.6 53.2 79.8





#32

Caprolactam

Concen: 18.95 ng/ul

RT: 11.68 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

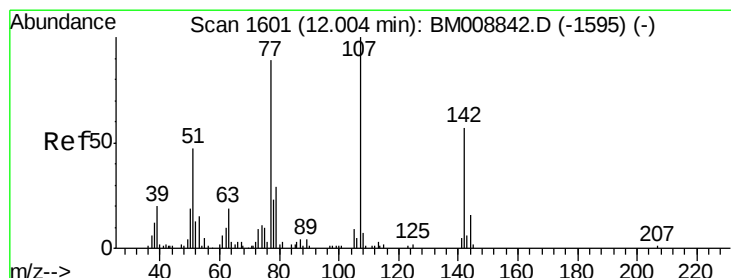
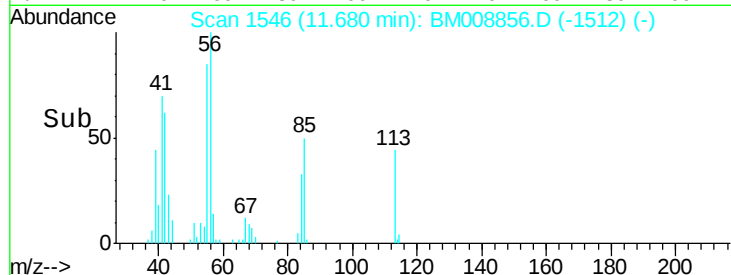
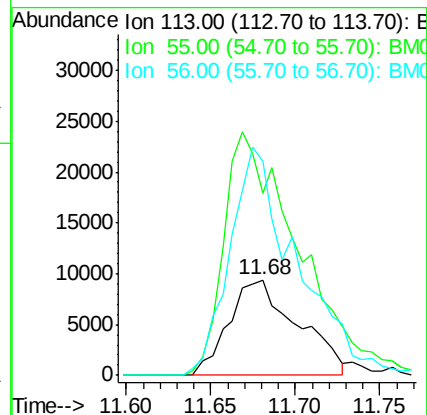
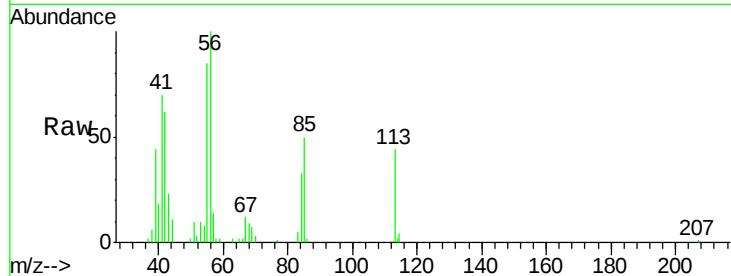
Tgt Ion:113 Resp: 26610

Ion Ratio Lower Upper

113 100

55 191.6 117.0 175.4#

56 224.8 97.7 146.5#



#33

4-Chloro-3-methylphenol

Concen: 20.95 ng/ul

RT: 12.00 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

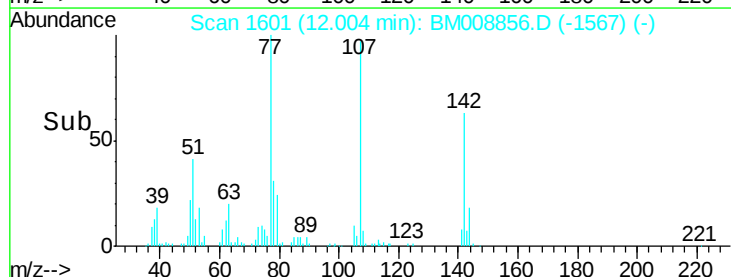
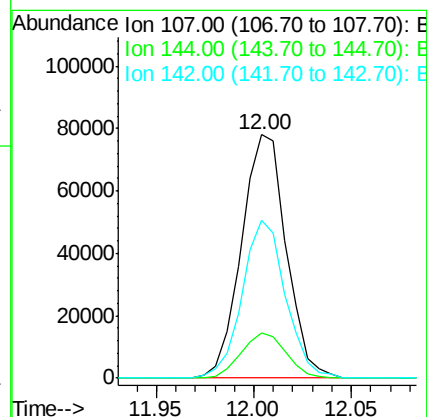
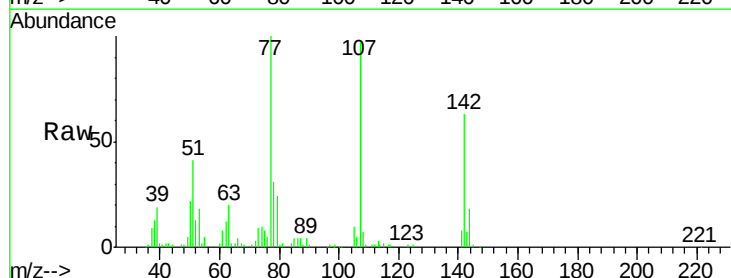
Tgt Ion:107 Resp: 124088

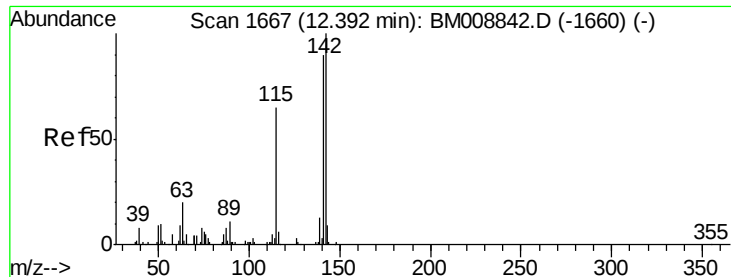
Ion Ratio Lower Upper

107 100

144 18.4 19.4 29.2#

142 65.0 58.0 87.0

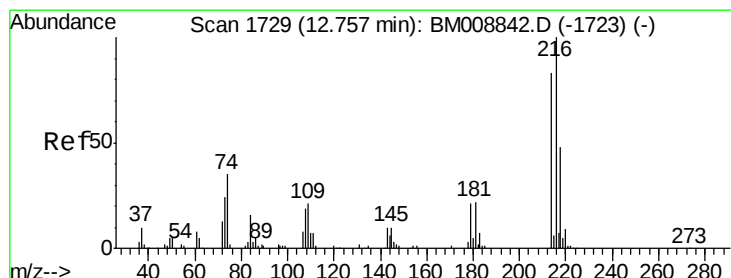
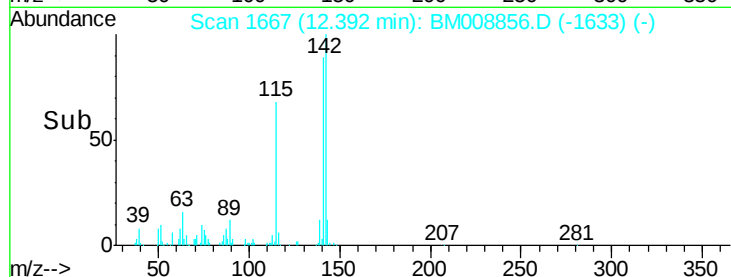
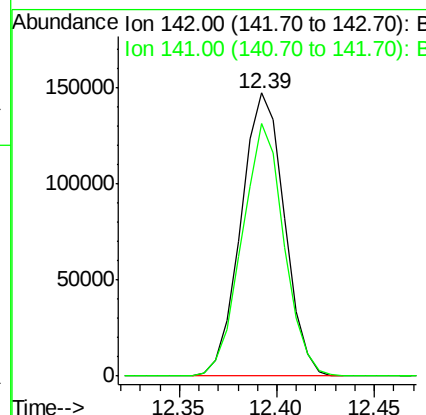
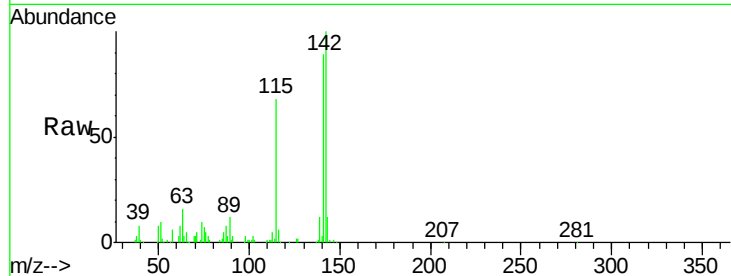




#34
2-Methylnaphthalene
Concen: 21.06 ng/ul
RT: 12.39 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

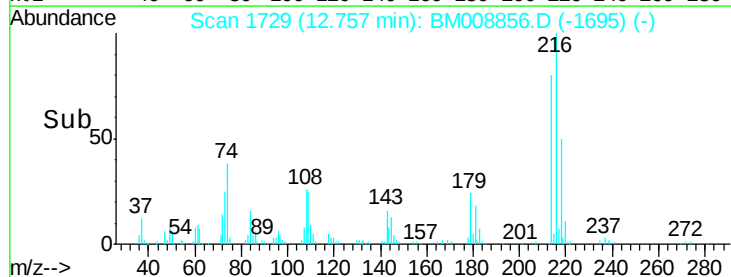
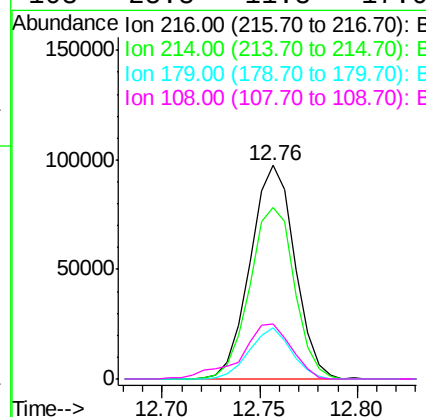
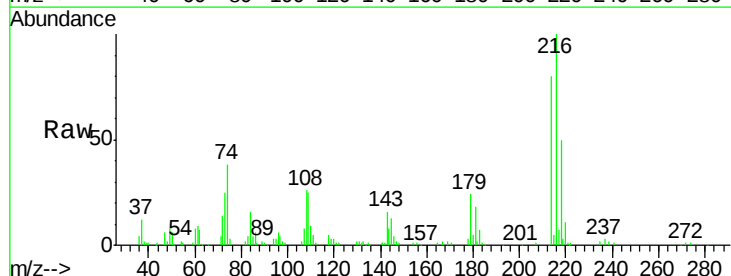
Instrument :
BNA_M
ClientSampleId :
SSTD02047

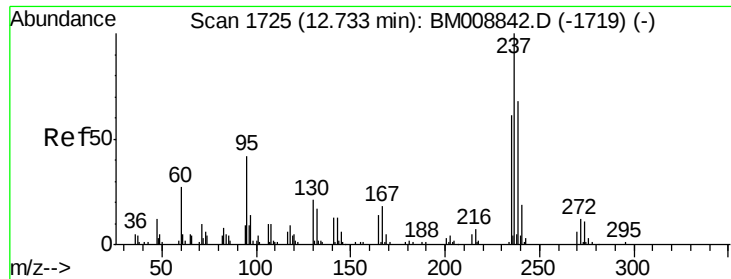
Tgt Ion:142 Resp: 226631
Ion Ratio Lower Upper
142 100
141 89.1 73.0 109.4



#36
1,2,4,5-Tetrachlorobenzene
Concen: 21.36 ng/ul
RT: 12.76 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion:216 Resp: 154117
Ion Ratio Lower Upper
216 100
214 80.3 62.0 93.0
179 23.8 16.2 24.4
108 25.8 11.8 17.6#





#37

Hexachlorocyclopentadiene

Concen: 20.69 ng/ul

RT: 12.73 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

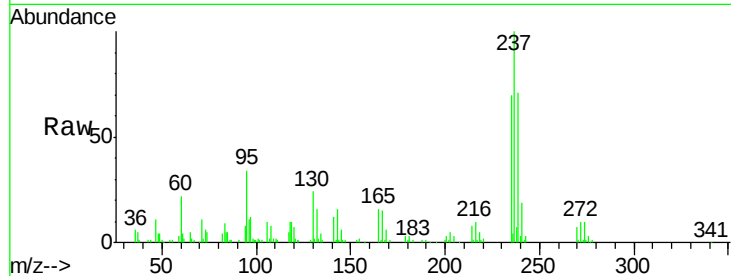
Tgt Ion:237 Resp: 115432

Ion Ratio Lower Upper

237 100

235 69.6 49.4 74.0

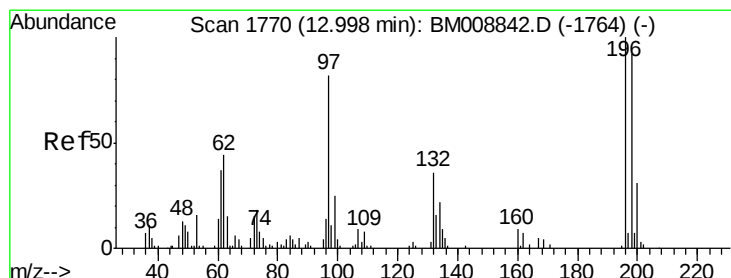
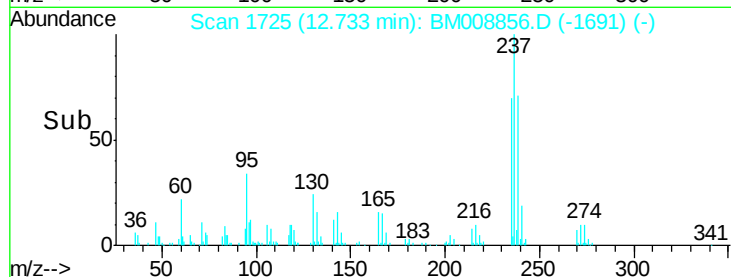
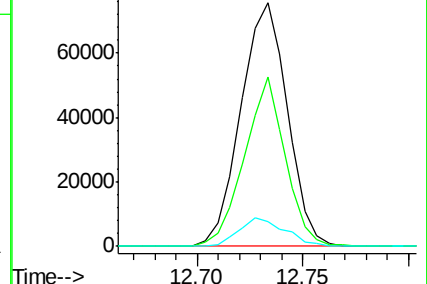
272 10.1 10.2 15.4#



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: 21.70 ng/ul

RT: 13.00 min Scan# 1770

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

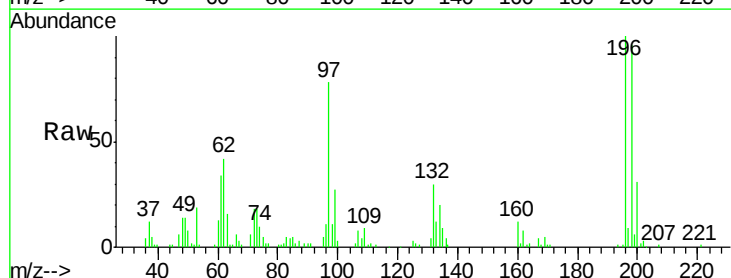
Tgt Ion:196 Resp: 94538

Ion Ratio Lower Upper

196 100

198 96.2 78.8 118.2

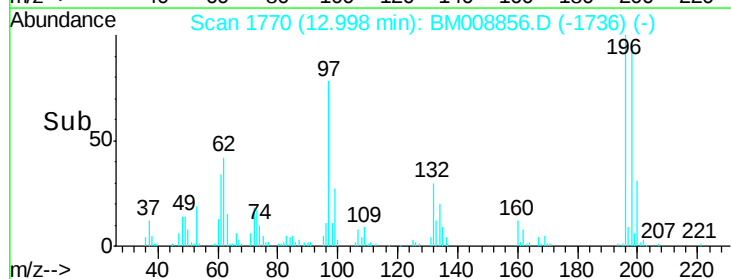
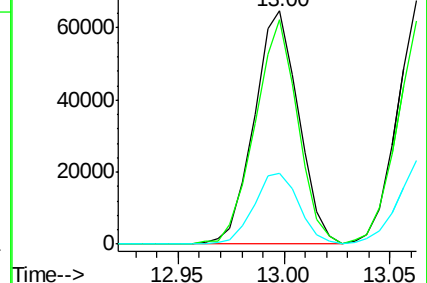
200 30.5 25.7 38.5

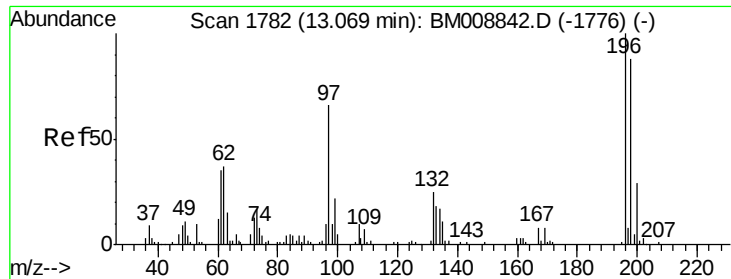


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

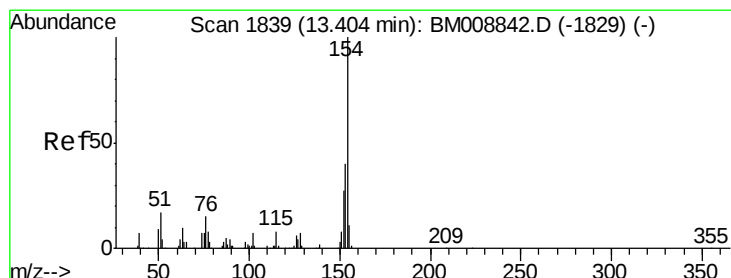
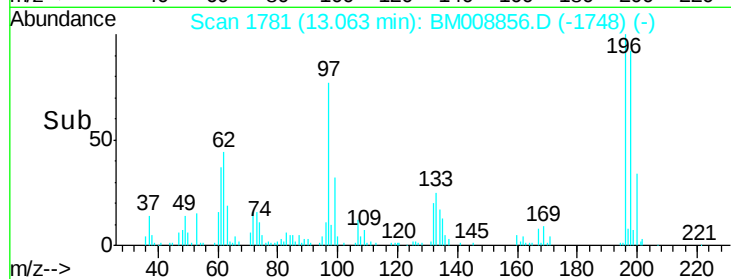
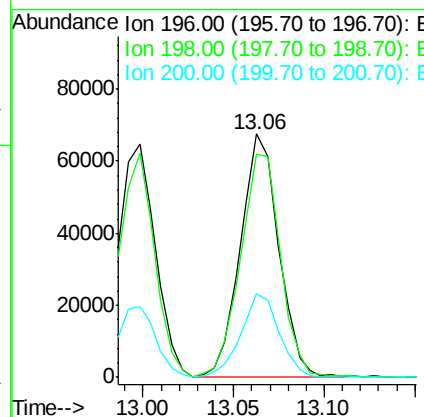
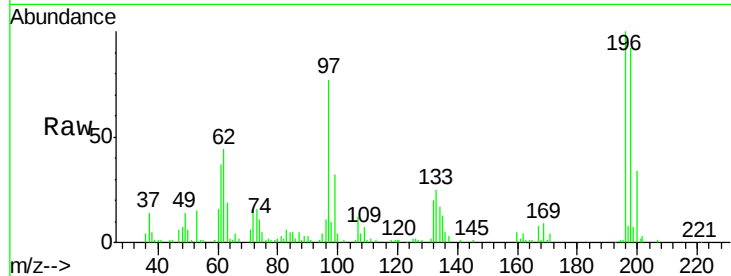




#39
 2,4,5-Trichlorophenol
 Concen: 21.34 ng/ul
 RT: 13.06 min Scan# 1781
 Delta R.T. -0.01 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

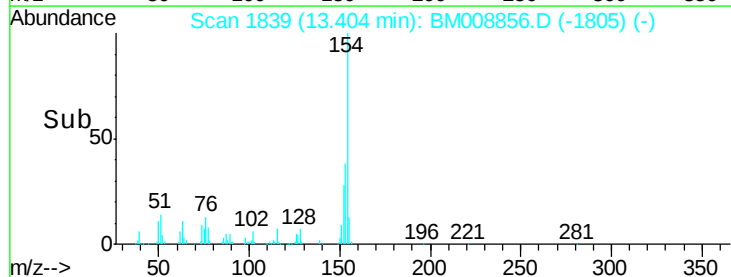
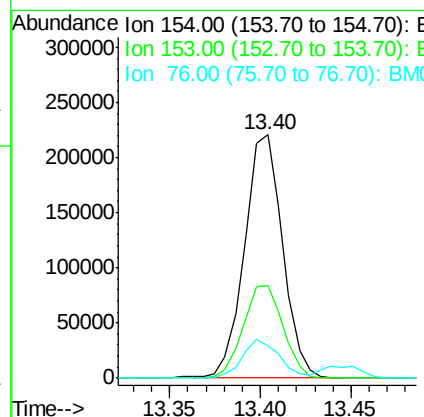
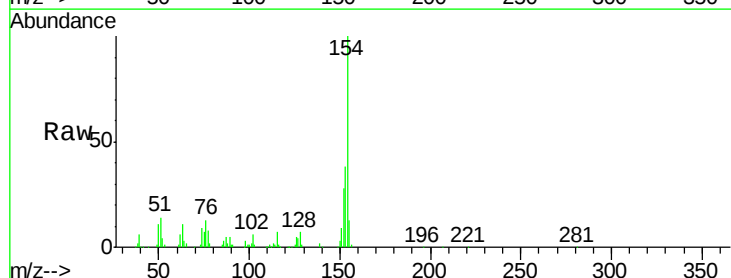
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

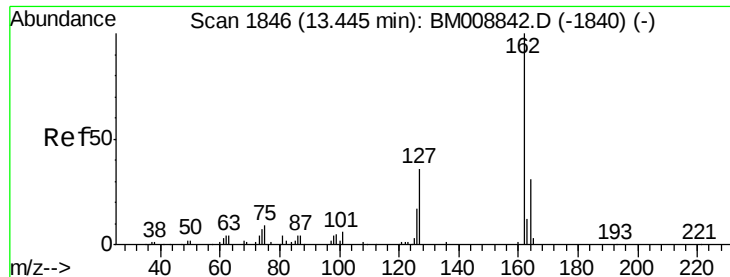
Tgt Ion:196 Resp: 99840
 Ion Ratio Lower Upper
 196 100
 198 91.8 77.8 116.6
 200 34.1 23.6 35.4



#40
 1,1'-Biphenyl
 Concen: 22.18 ng/ul
 RT: 13.40 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

Tgt Ion:154 Resp: 322024
 Ion Ratio Lower Upper
 154 100
 153 38.1 32.2 48.4
 76 13.4 9.8 14.6

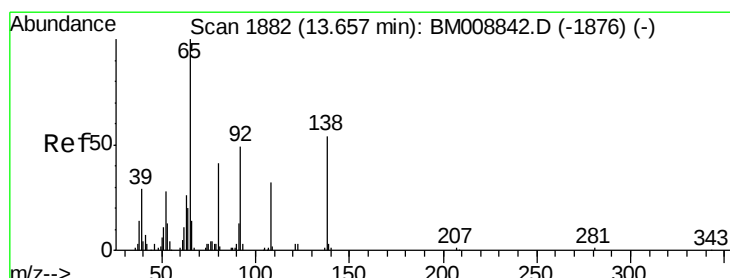
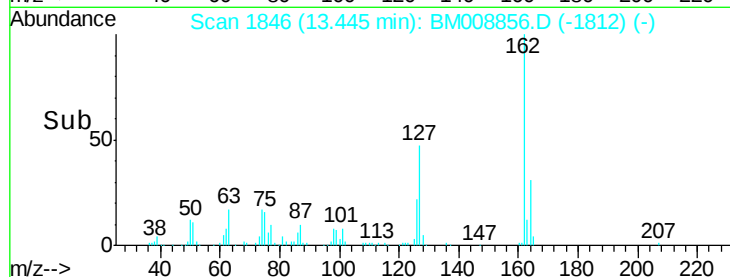
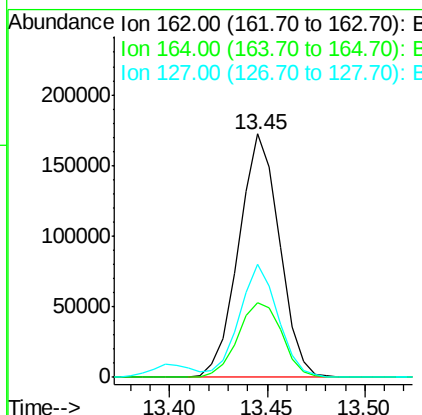
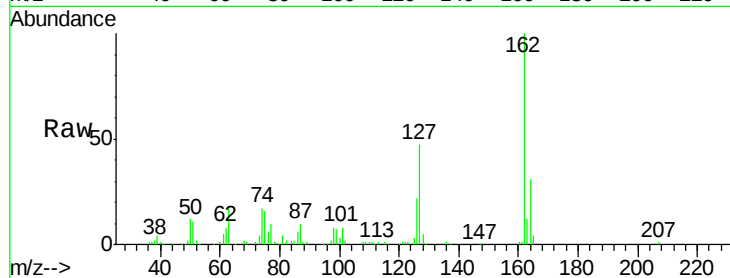




#41
 2-Chloronaphthalene
 Concen: 21.84 ng/ul
 RT: 13.45 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

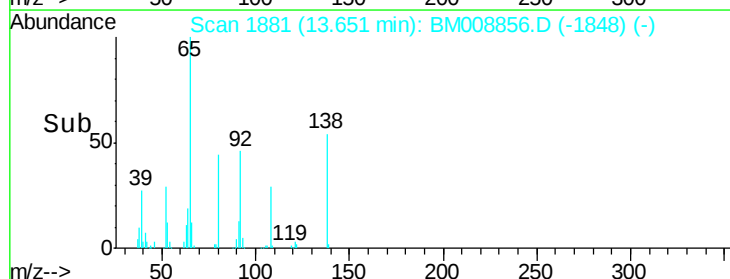
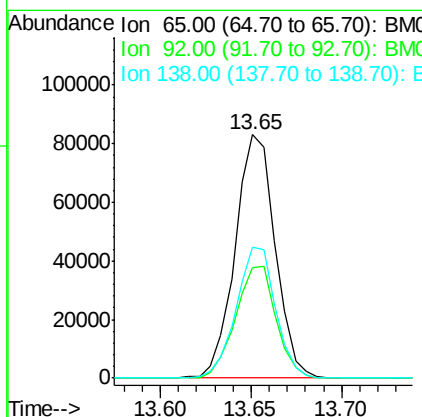
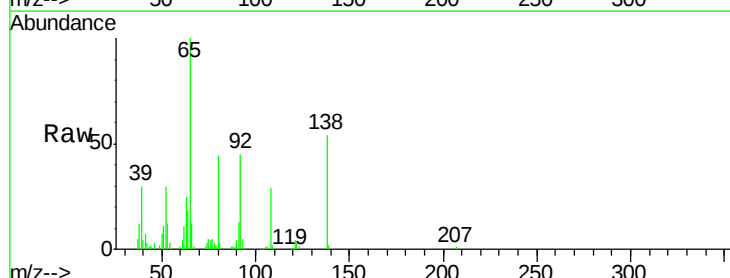
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

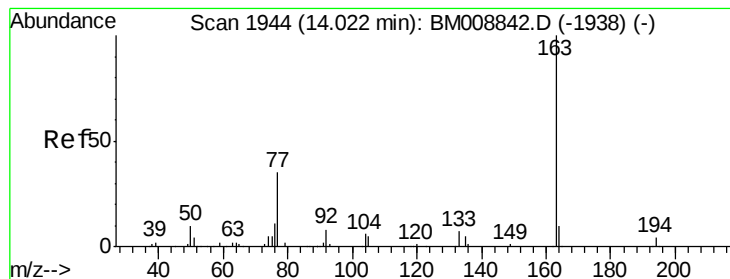
Tgt Ion: 162 Resp: 249529
 Ion Ratio Lower Upper
 162 100
 164 30.9 26.3 39.5
 127 46.7 31.7 47.5



#42
 2-Nitroaniline
 Concen: 22.44 ng/ul
 RT: 13.65 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

Tgt Ion: 65 Resp: 127243
 Ion Ratio Lower Upper
 65 100
 92 45.3 55.0 82.6#
 138 53.6 76.6 114.8#





#44

Dimethylphthalate

Concen: 20.97 ng/ul

RT: 14.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

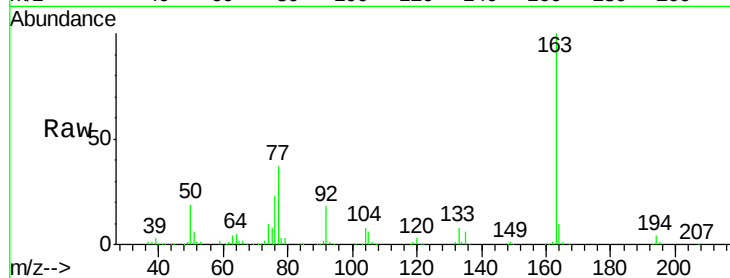
Tgt Ion:163 Resp: 322671

Ion Ratio Lower Upper

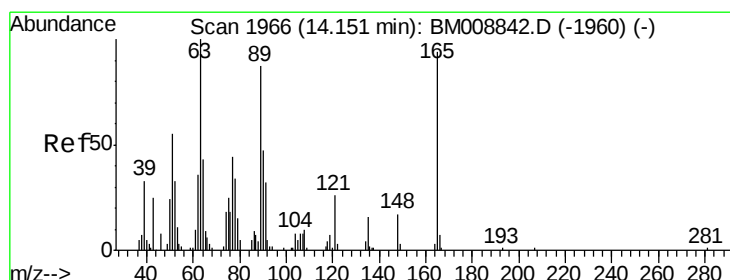
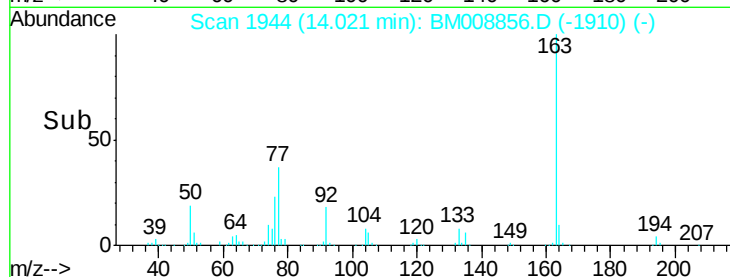
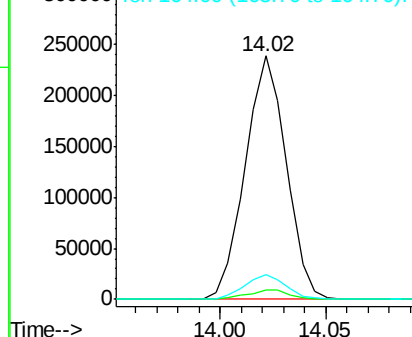
163 100

194 3.9 3.4 5.0

164 10.1 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: 20.75 ng/ul

RT: 14.15 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

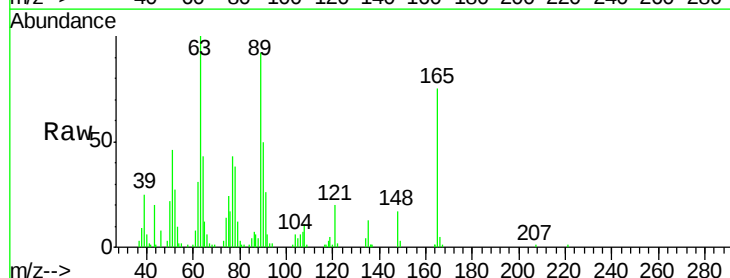
Tgt Ion:165 Resp: 61170

Ion Ratio Lower Upper

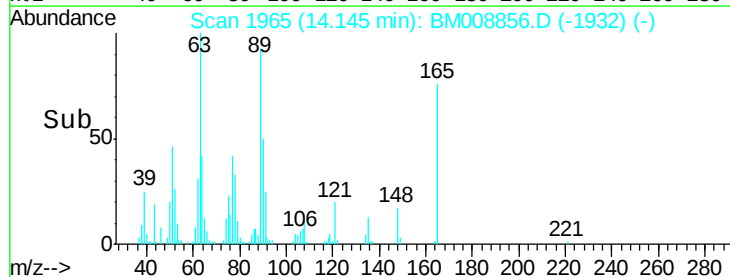
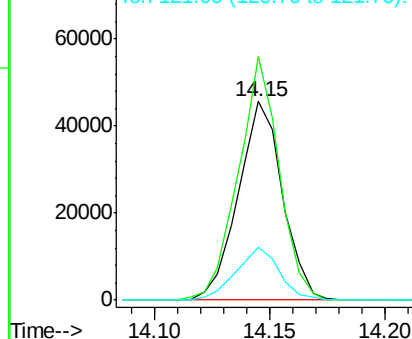
165 100

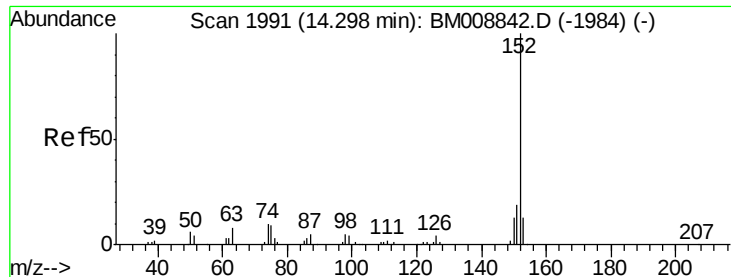
89 122.5 50.6 76.0#

121 26.3 18.2 27.2



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: 21.88 ng/ul

RT: 14.29 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

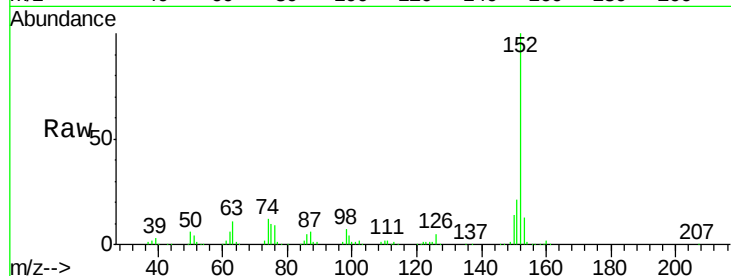
Tgt Ion:152 Resp: 384000

Ion Ratio Lower Upper

152 100

151 21.3 16.0 24.0

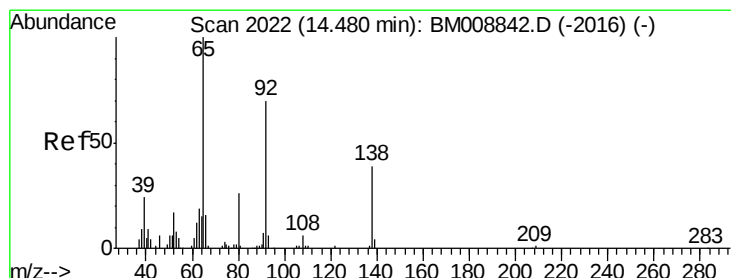
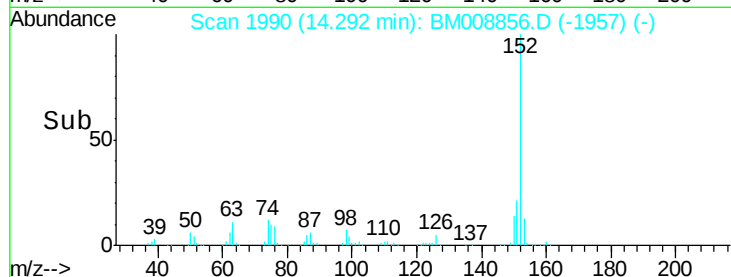
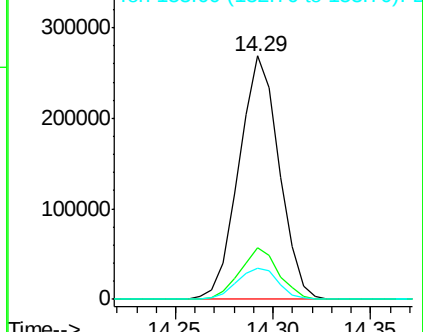
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 22.05 ng/ul

RT: 14.47 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

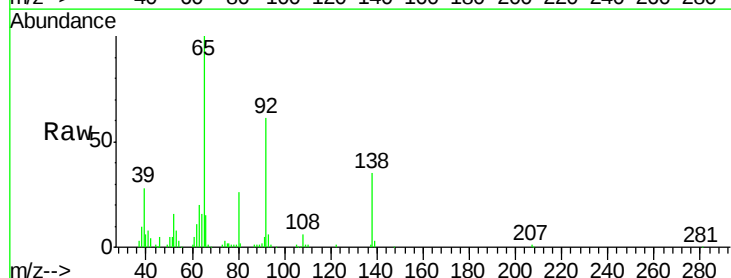
Tgt Ion:138 Resp: 61474

Ion Ratio Lower Upper

138 100

108 16.9 10.0 15.0#

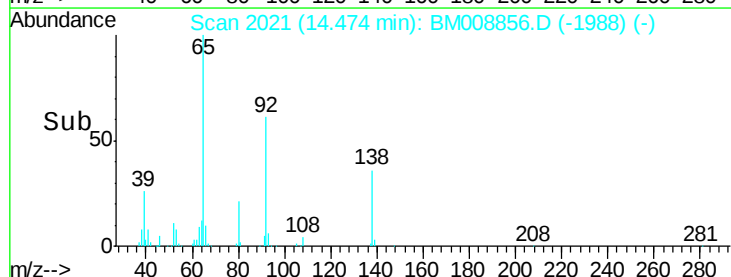
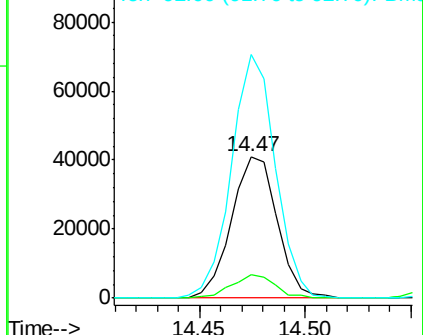
92 171.8 103.2 154.8#

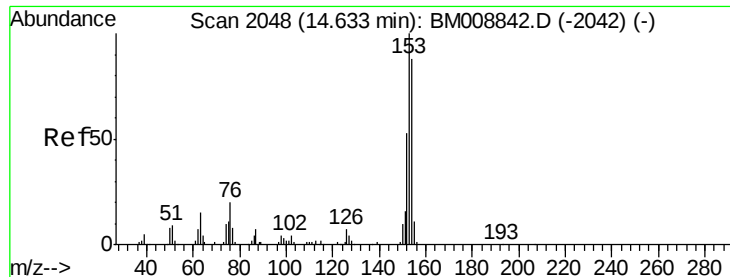


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 21.67 ng/ul

RT: 14.63 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

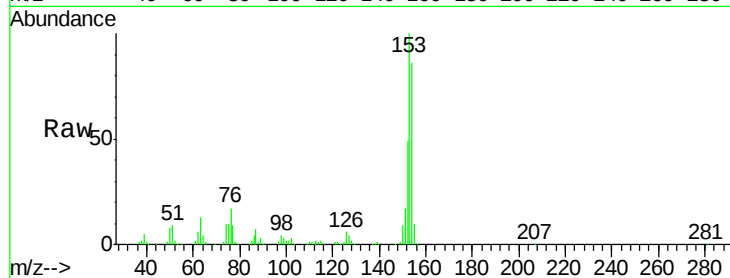
Tgt Ion:153 Resp: 267490

Ion Ratio Lower Upper

153 100

152 48.6 36.4 54.6

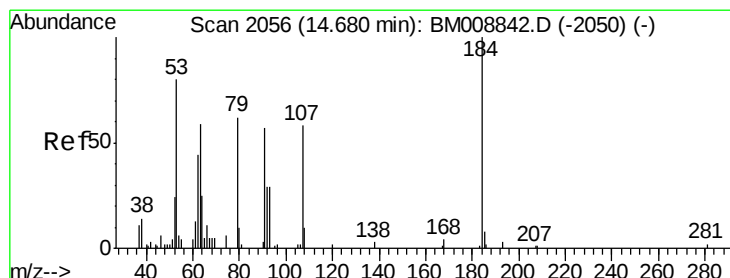
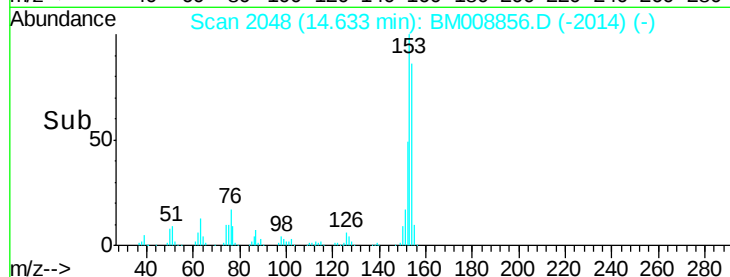
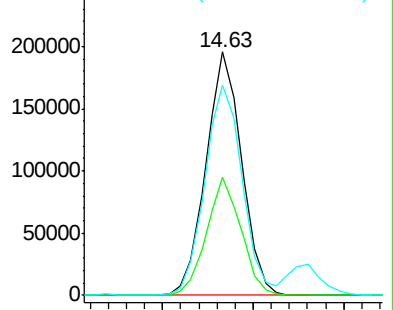
154 86.2 68.7 103.1



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: 16.29 ng/ul

RT: 14.68 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

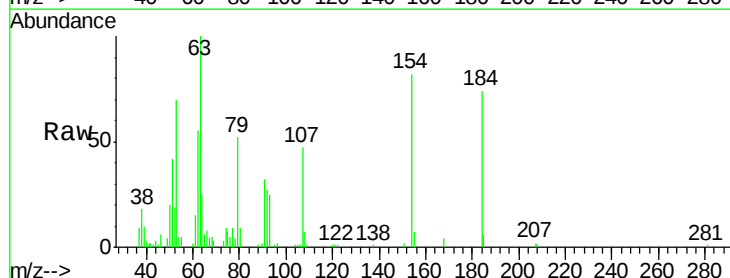
Tgt Ion:184 Resp: 34485

Ion Ratio Lower Upper

184 100

63 134.5 50.7 76.1#

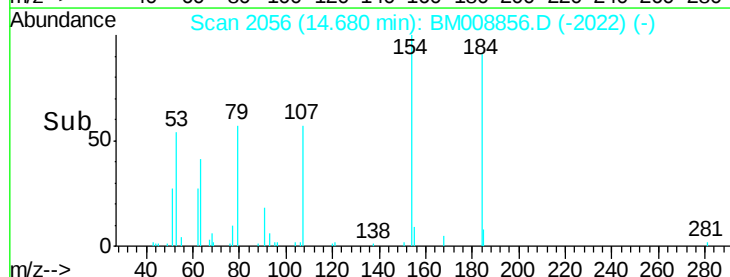
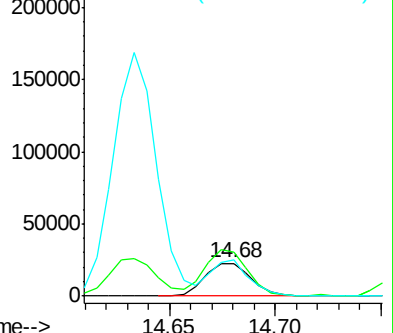
154 110.3 54.0 81.0#

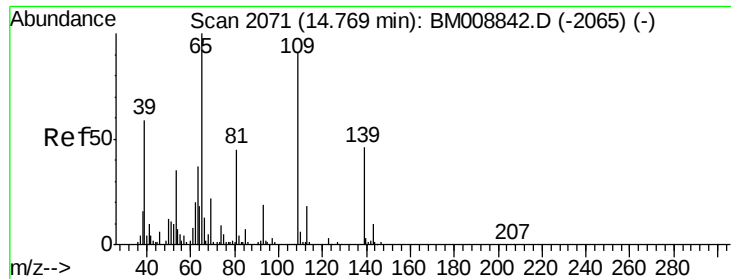


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

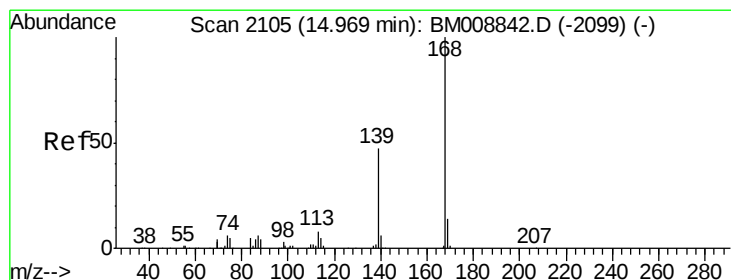
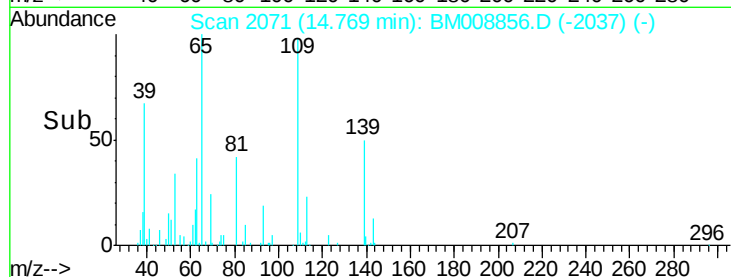
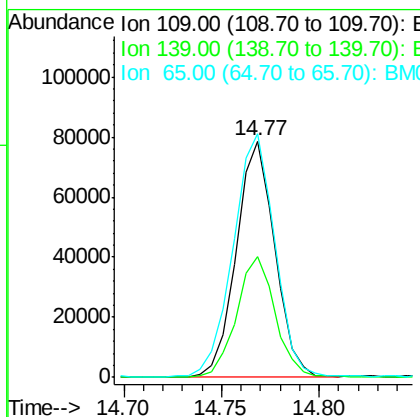
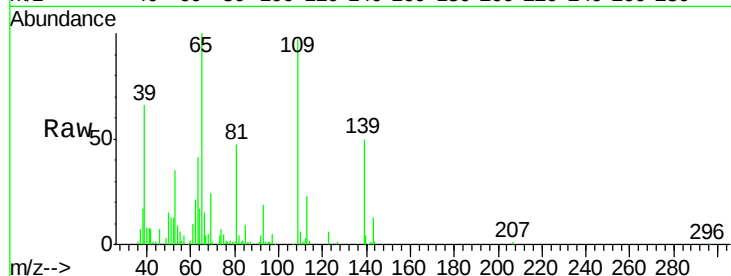




#52
4-Nitrophenol
Concen: 20.28 ng/ul
RT: 14.77 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

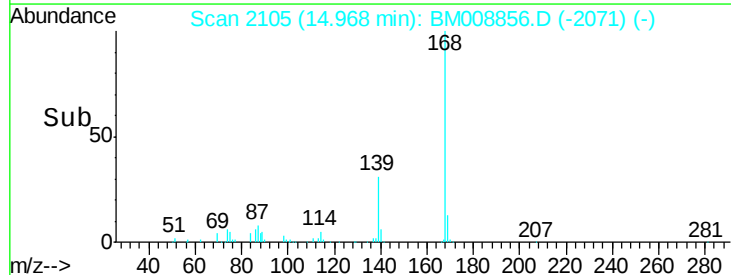
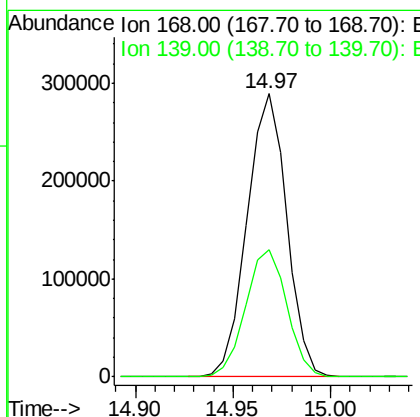
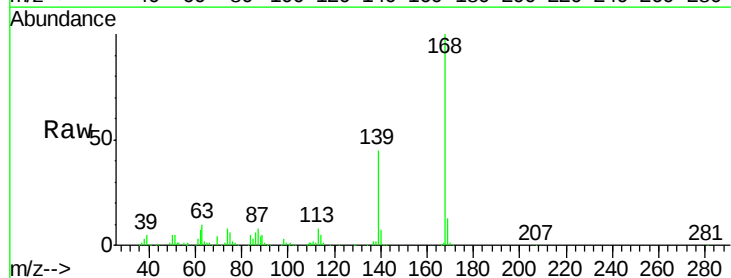
Instrument :
BNA_M
ClientSampleId :
SSTD02047

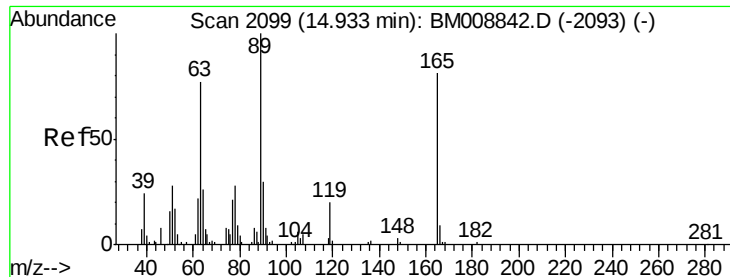
Tgt Ion:109 Resp: 107649
Ion Ratio Lower Upper
109 100
139 51.4 85.4 128.2#
65 103.2 97.7 146.5



#53
Dibenzofuran
Concen: 21.47 ng/ul
RT: 14.97 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion:168 Resp: 407558
Ion Ratio Lower Upper
168 100
139 45.0 30.3 45.5





#54

2,4-Dinitrotoluene

Concen: 21.38 ng/ul

RT: 14.93 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

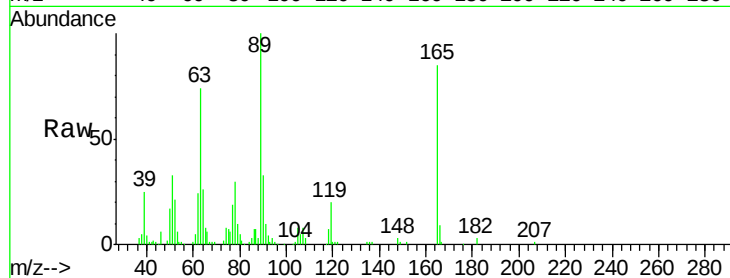
Tgt Ion:165 Resp: 96748

Ion Ratio Lower Upper

165 100

63 87.2 50.6 76.0#

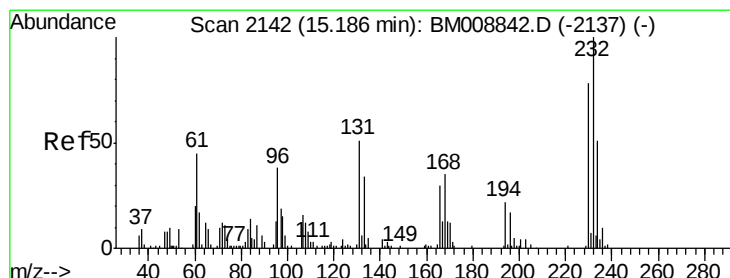
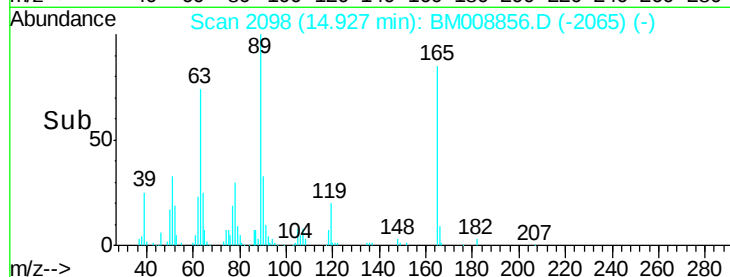
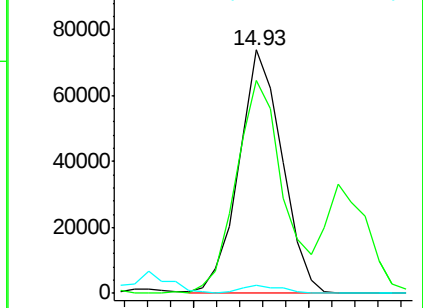
182 3.2 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 21.40 ng/ul

RT: 15.19 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Tgt Ion:232 Resp: 100561

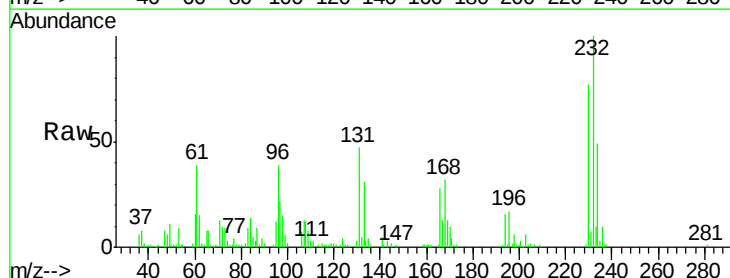
Ion Ratio Lower Upper

232 100

131 47.1 31.8 47.8

130 3.0 1.8 2.6#

166 28.4 21.6 32.4

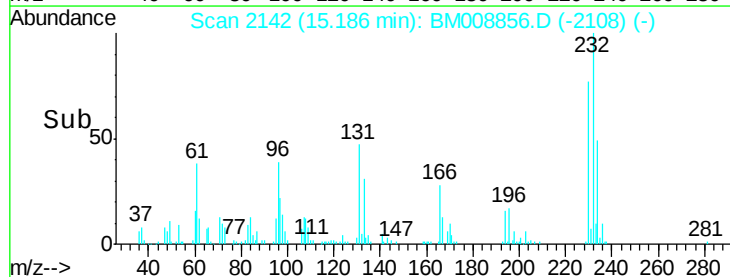
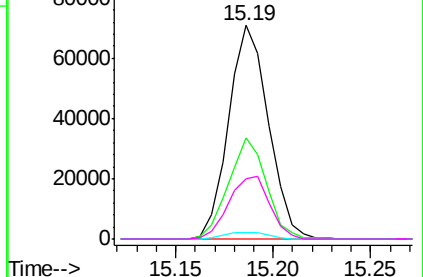


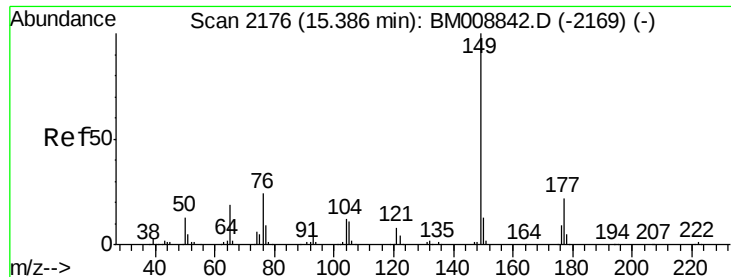
Abundance Ion 232.00 (231.70 to 232.70): E

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

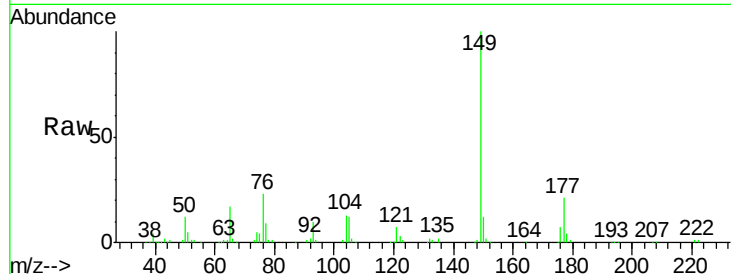




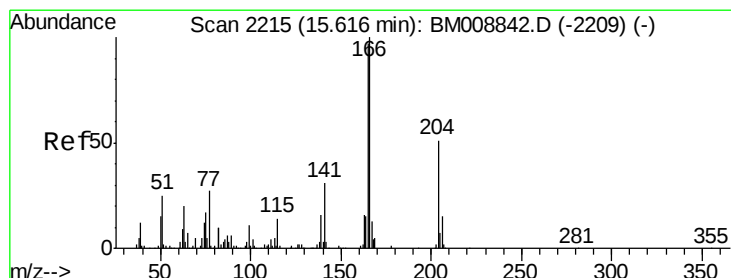
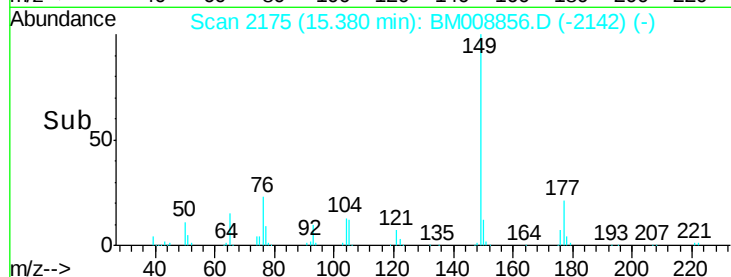
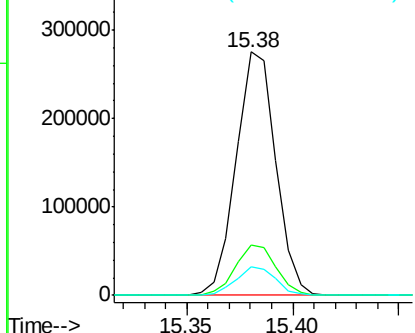
#56
Diethylphthalate
Concen: 21.41 ng/ul
RT: 15.38 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:149 Resp: 358271
Ion Ratio Lower Upper
149 100
177 20.5 19.7 29.5
150 11.5 10.0 15.0

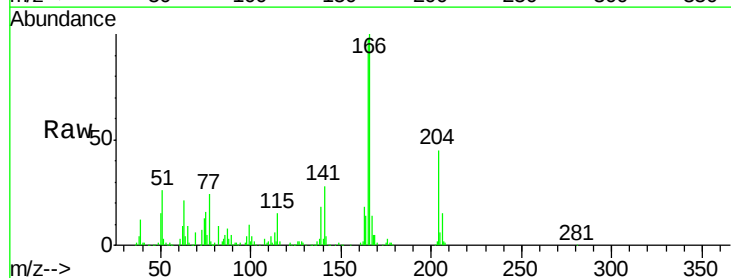


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

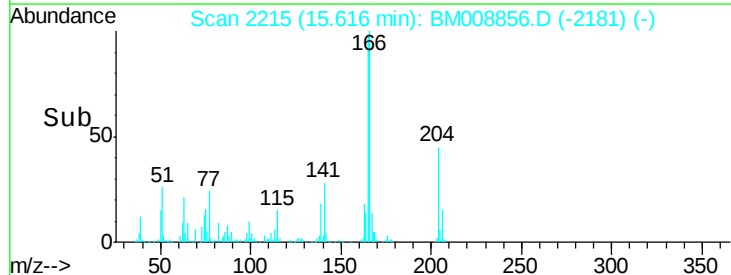
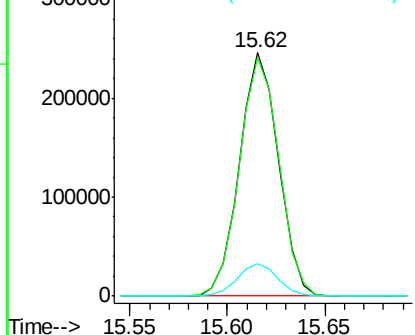


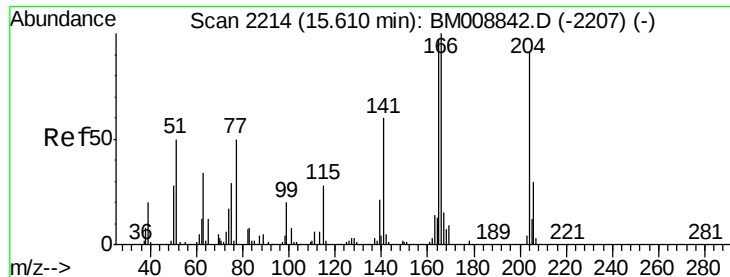
#58
Fluorene
Concen: 21.42 ng/ul
RT: 15.62 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BM008856.D
Acq: 25 Jan 2017 01:53

Tgt Ion:166 Resp: 339708
Ion Ratio Lower Upper
166 100
165 98.0 80.2 120.2
167 13.5 10.9 16.3



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

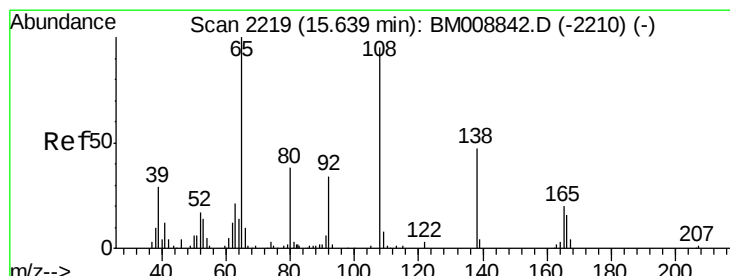
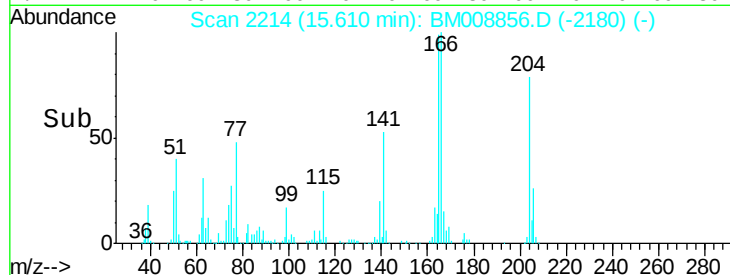
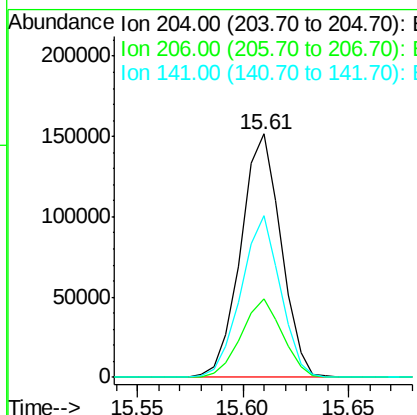
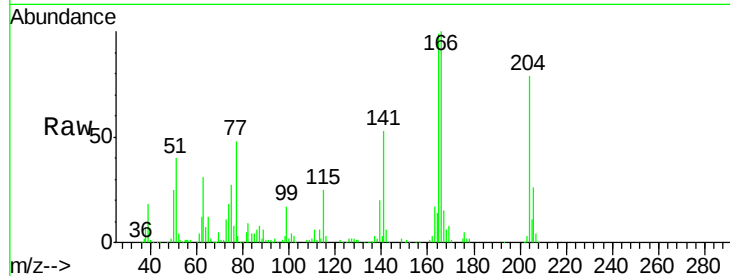




#59
 4-Chlorophenyl-phenylether
 Concen: 21.81 ng/ul
 RT: 15.61 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

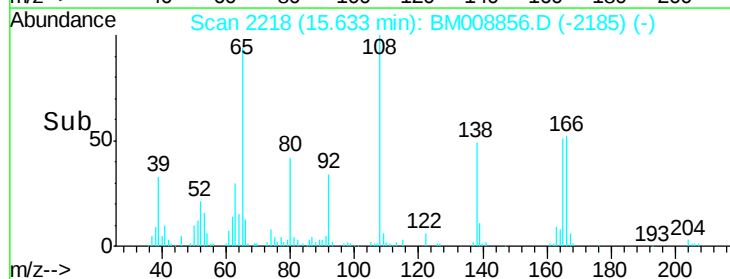
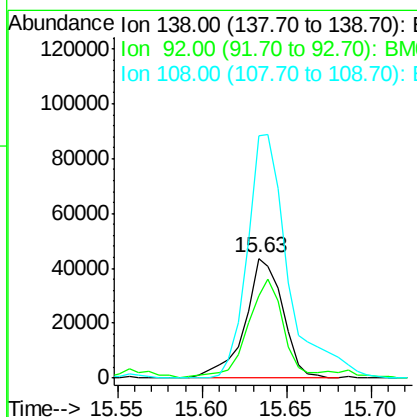
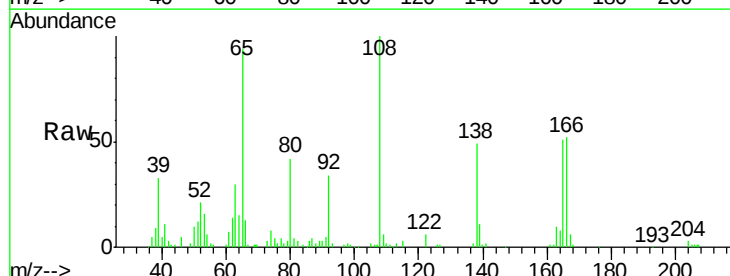
Instrument :
 BNA_M
 ClientSampleId :
 SST02047

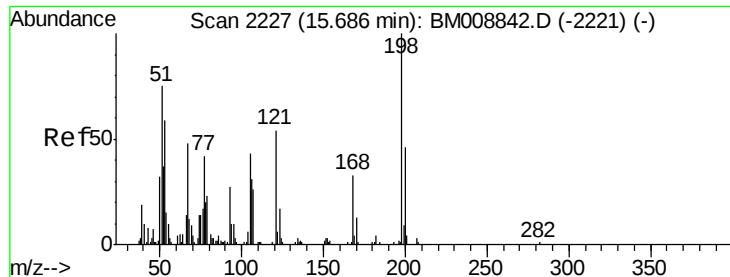
Tgt Ion:204 Resp: 200349
 Ion Ratio Lower Upper
 204 100
 206 32.5 27.8 41.8
 141 66.2 46.2 69.4



#60
 4-Nitroaniline
 Concen: 21.97 ng/ul
 RT: 15.63 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

Tgt Ion:138 Resp: 68285
 Ion Ratio Lower Upper
 138 100
 92 68.6 44.9 67.3#
 108 202.2 73.8 110.6#

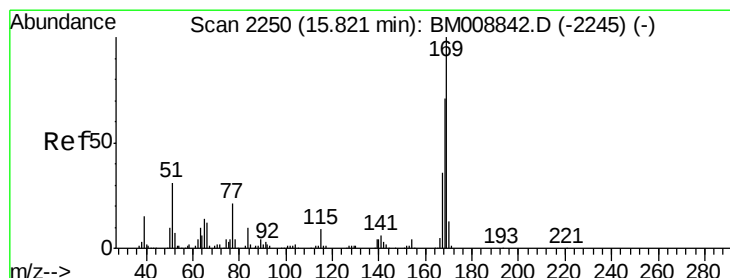
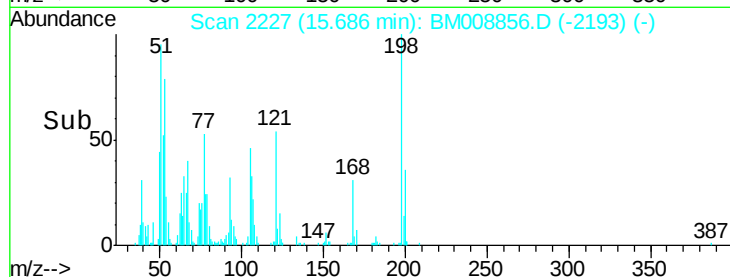
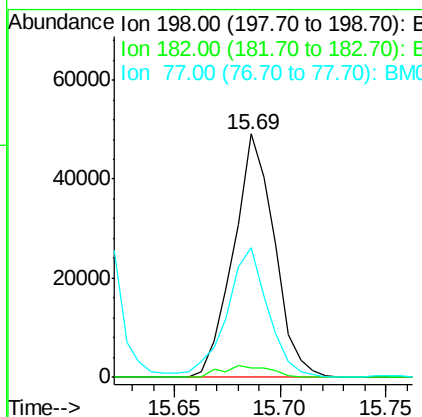
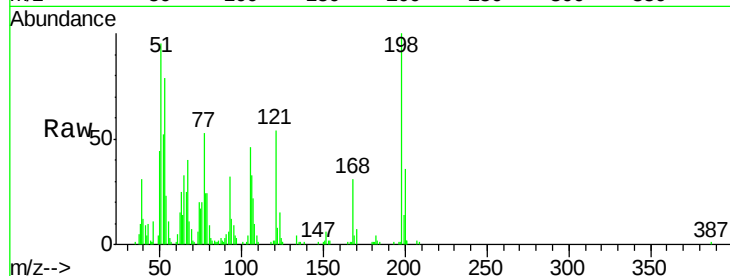




#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.74 ng/ul
 RT: 15.69 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

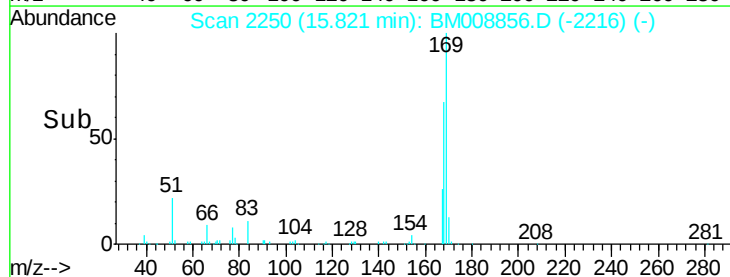
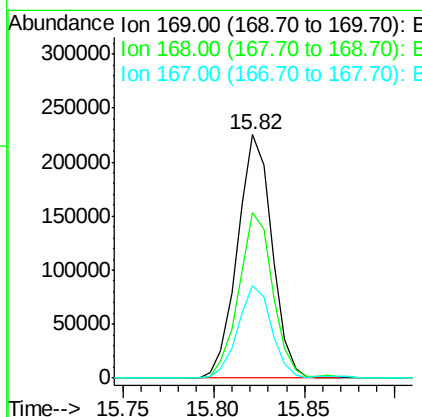
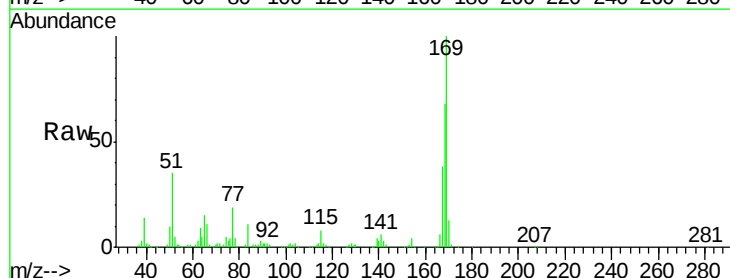
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

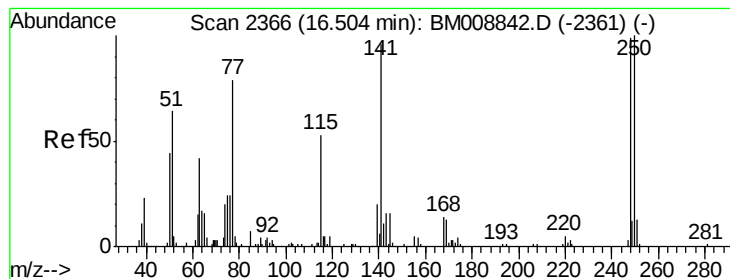
Tgt Ion:198 Resp: 66076
 Ion Ratio Lower Upper
 198 100
 182 4.0 4.4 6.6#
 77 53.2 20.5 30.7#



#64
 N-Nitrosodiphenylamine
 Concen: 21.80 ng/ul
 RT: 15.82 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

Tgt Ion:169 Resp: 299639
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.1 79.7
 167 37.8 28.6 43.0





#65

4-Bromophenyl-phenylether

Concen: 22.35 ng/ul

RT: 16.50 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

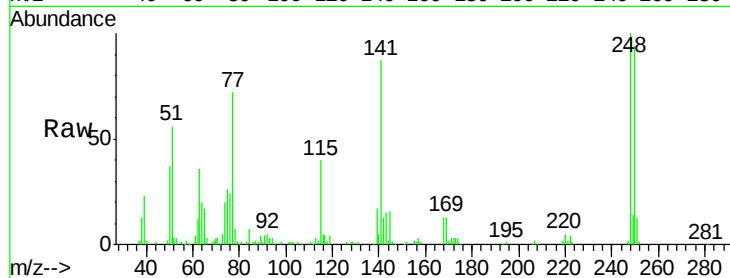
Instrument :

BNA_M

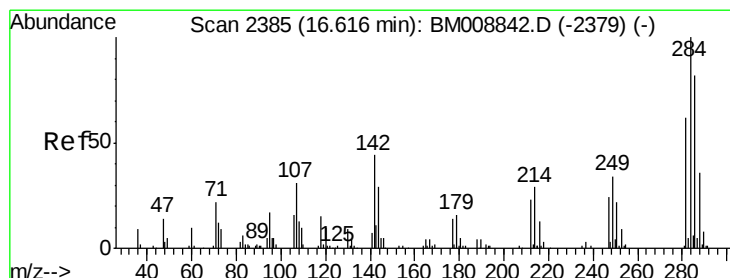
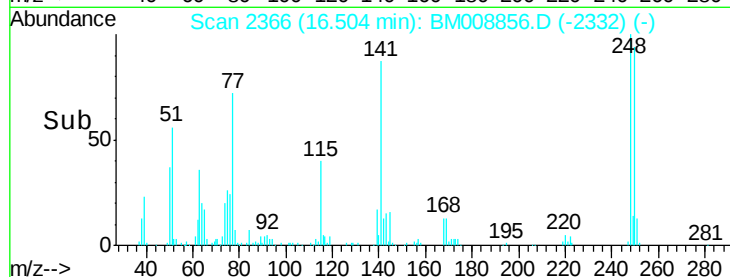
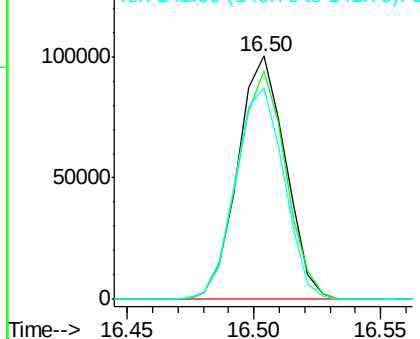
ClientSampled :

SSTD02047

Tgt Ion:	248	Resp:	131837
Ion	Ratio	Lower	Upper
248	100		
250	93.6	75.5	113.3
141	86.9	58.5	87.7



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: 21.62 ng/ul

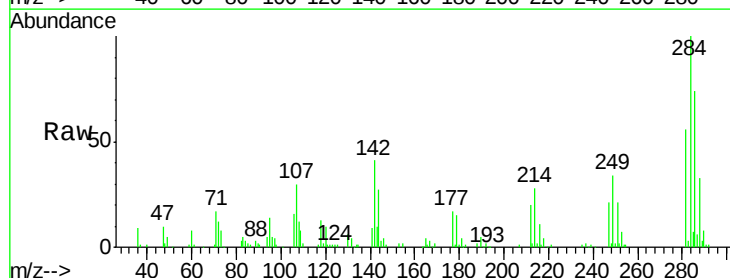
RT: 16.62 min Scan# 2385

Delta R.T. -0.00 min

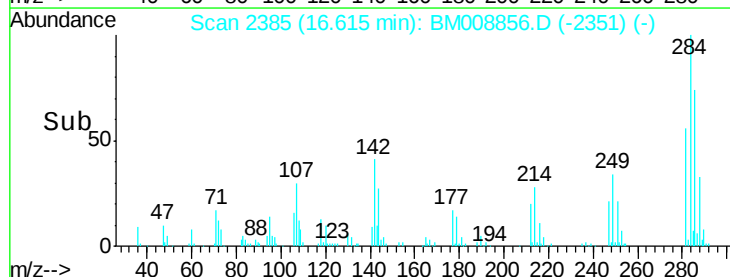
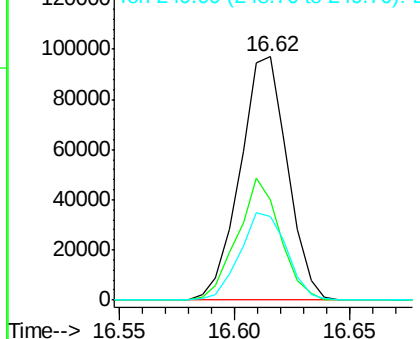
Lab File: BM008856.D

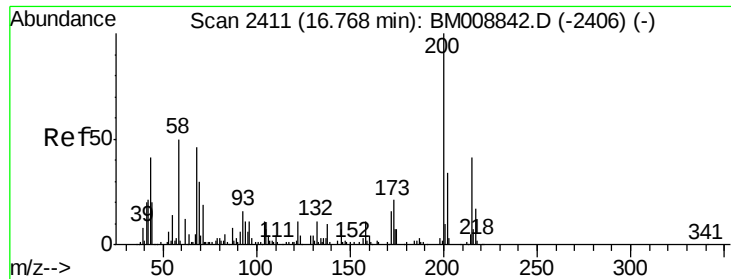
Acq: 25 Jan 2017 01:53

Tgt Ion:	284	Resp:	138340
Ion	Ratio	Lower	Upper
284	100		
142	41.4	26.2	39.2#
249	34.3	24.6	36.8



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

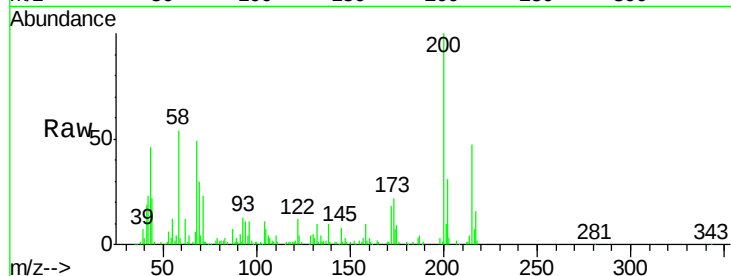




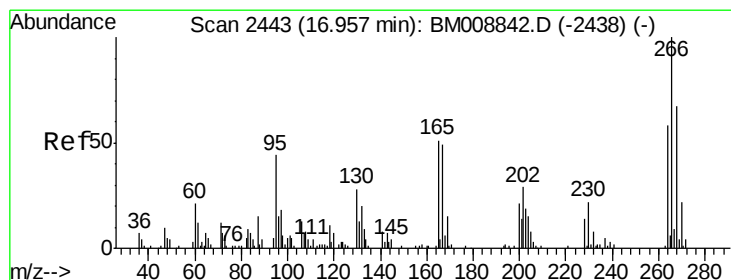
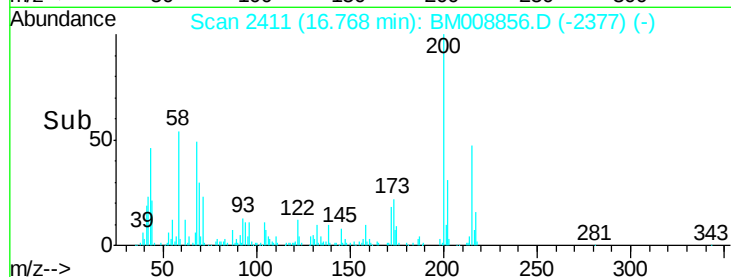
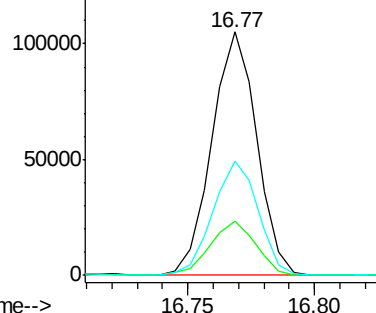
#67
 Atrazine
 Concen: 20.63 ng/ul
 RT: 16.77 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02047

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.4	19.6	29.4
215	46.8	41.0	61.4

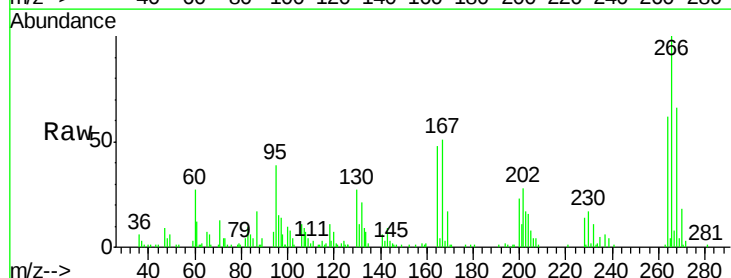


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

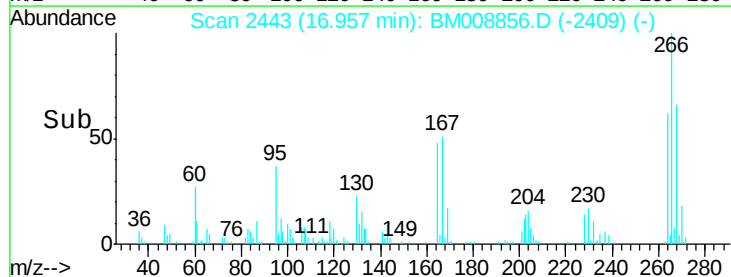
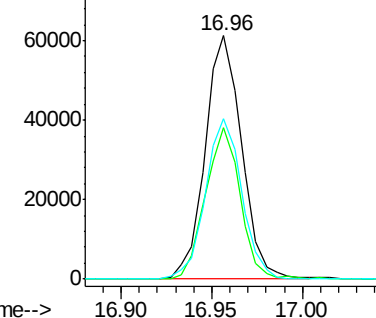


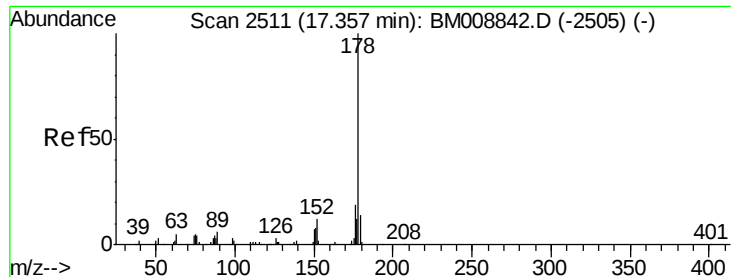
#68
 Pentachlorophenol
 Concen: 20.42 ng/ul
 RT: 16.96 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BM008856.D
 Acq: 25 Jan 2017 01:53

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	75.8
268	65.9	49.1	73.7



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: 21.47 ng/ul

RT: 17.36 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

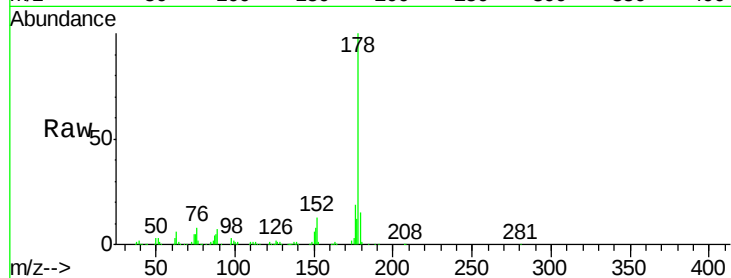
Tgt Ion:178 Resp: 574692

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

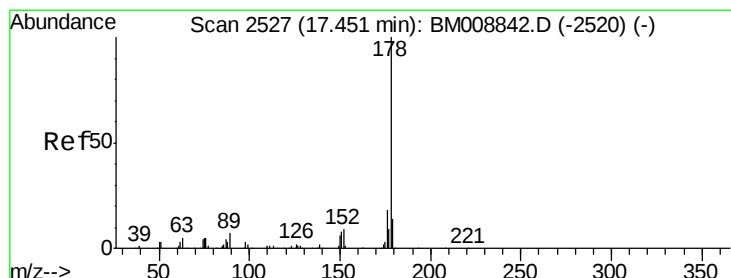
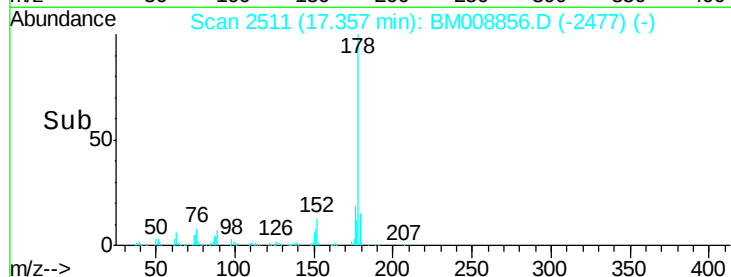
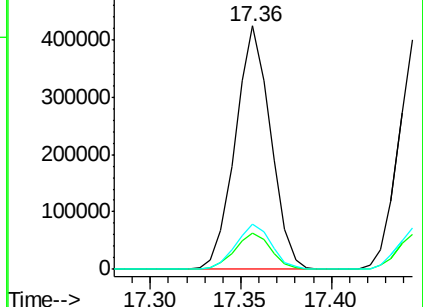
176 18.8 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.79 ng/ul

RT: 17.45 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

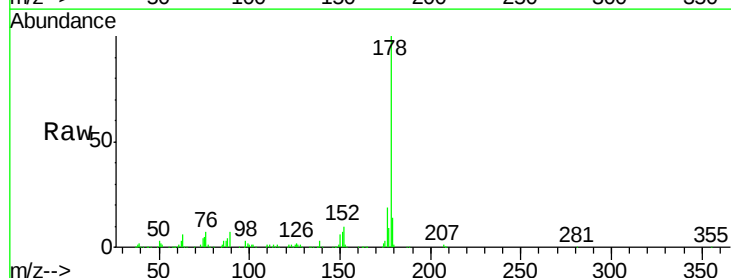
Tgt Ion:178 Resp: 596455

Ion Ratio Lower Upper

178 100

179 14.1 11.8 17.8

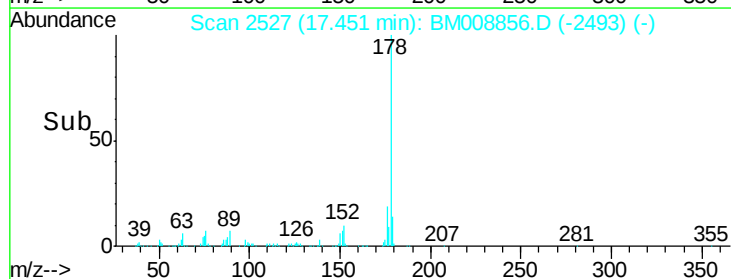
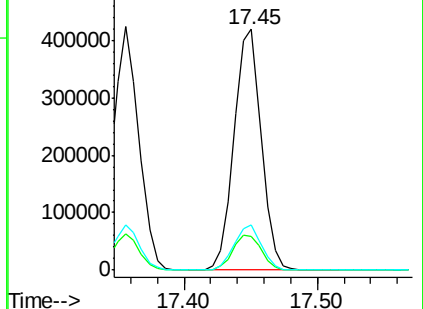
176 18.9 14.6 21.8

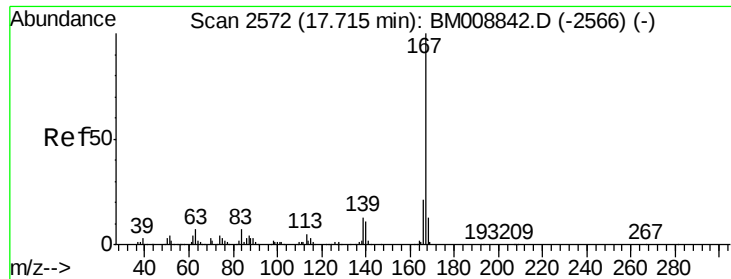


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.36 ng/ul

RT: 17.72 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

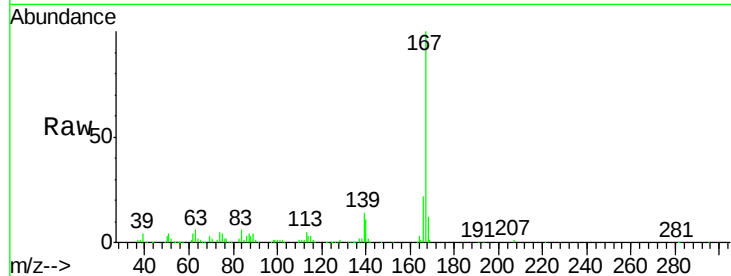
Instrument :

BNA_M

ClientSampleId :

SSTD02047

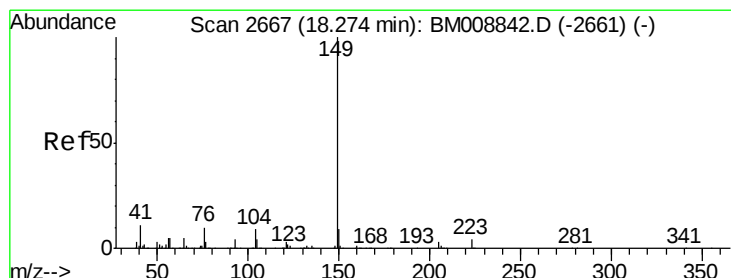
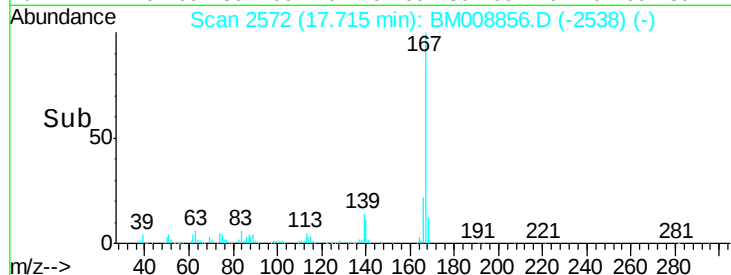
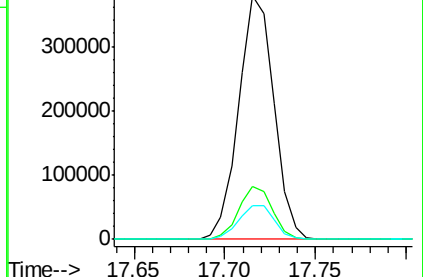
Tgt Ion:	167	Resp:	512837
Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.8	25.2
139	14.1	10.4	15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 20.97 ng/ul

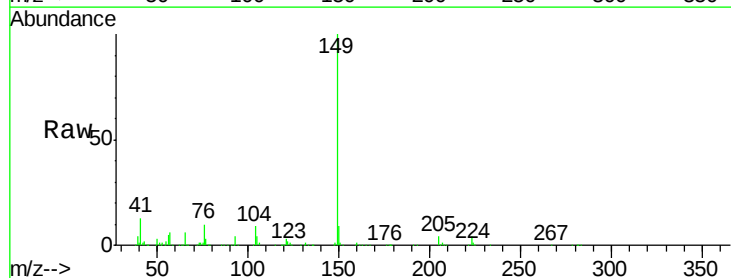
RT: 18.27 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

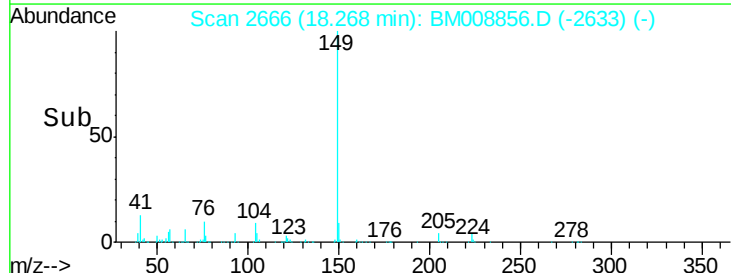
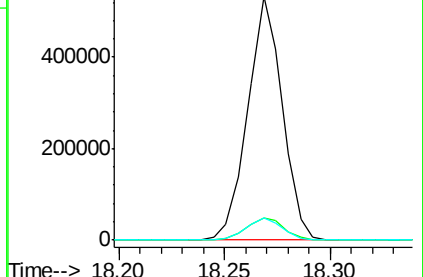
Tgt Ion:	149	Resp:	605606
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	9.3	4.5	6.7#

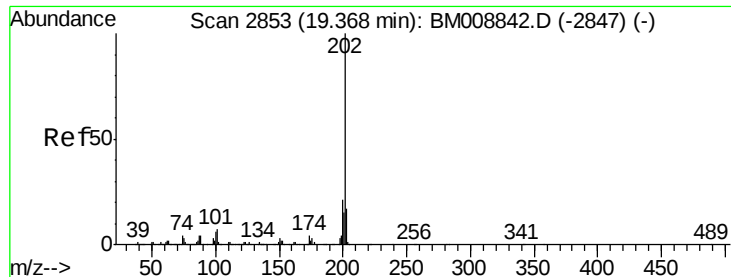


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.64 ng/ul

RT: 19.37 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

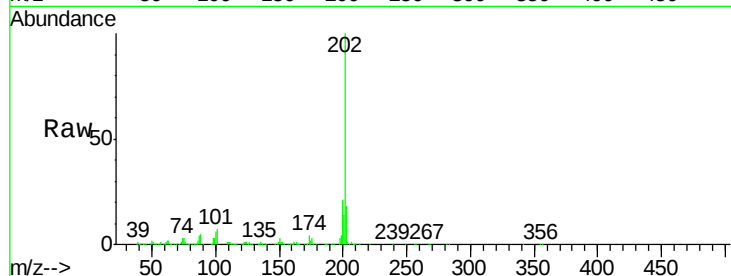
Instrument :

BNA_M

ClientSampleId :

SSTD02047

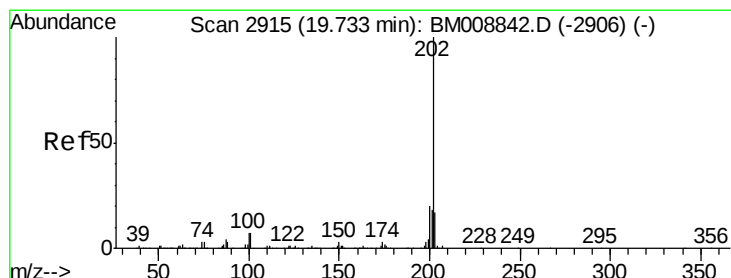
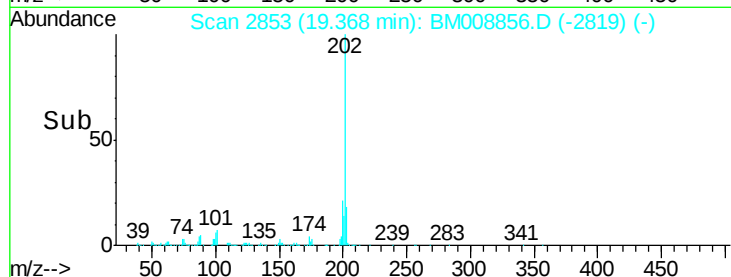
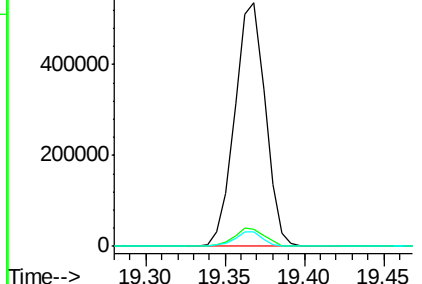
Tgt Ion:	202	Resp:	717961
Ion Ratio	Lower	Upper	
202	100		
101	7.0	7.1	10.7#
100	5.7	5.4	8.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 21.82 ng/ul

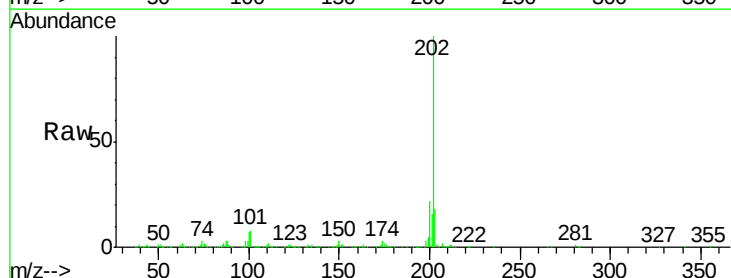
RT: 19.73 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

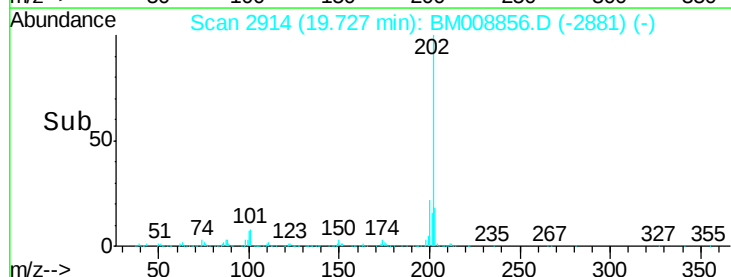
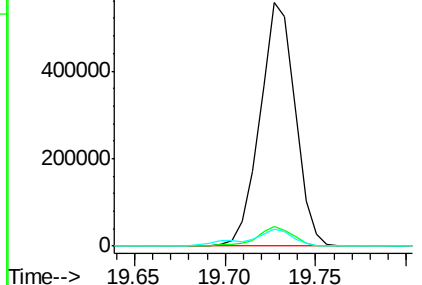
Tgt Ion:	202	Resp:	752017
Ion Ratio	Lower	Upper	
202	100		
101	8.0	8.6	12.8#
100	6.7	6.5	9.7

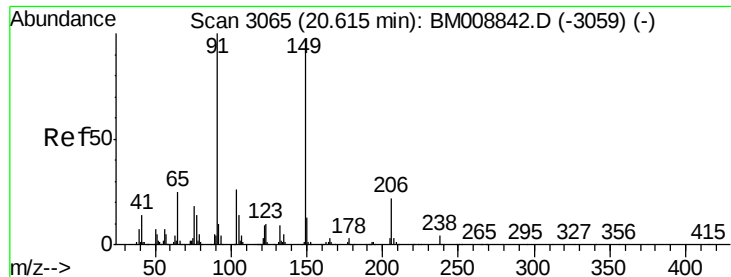


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 21.13 ng/ul

RT: 20.62 min Scan# 3065

Delta R.T. -0.00 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

Instrument :

BNA_M

ClientSampleId :

SSTD02047

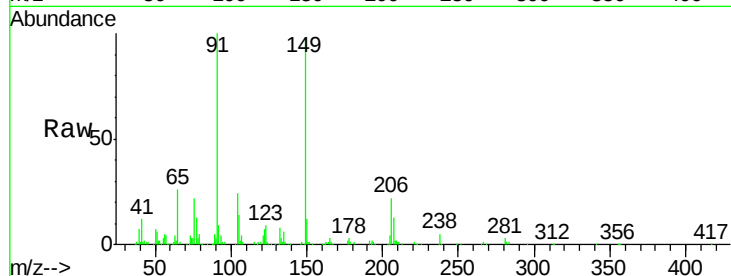
Tgt Ion:149 Resp: 271126

Ion Ratio Lower Upper

149 100

91 101.7 61.0 91.4#

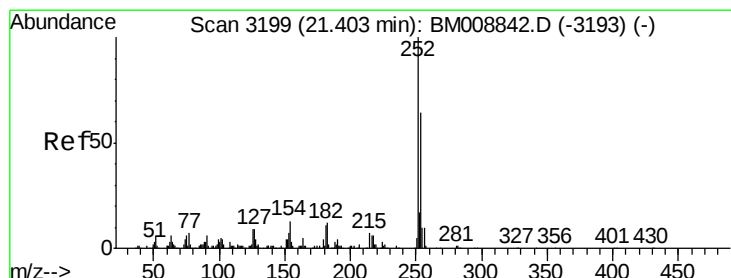
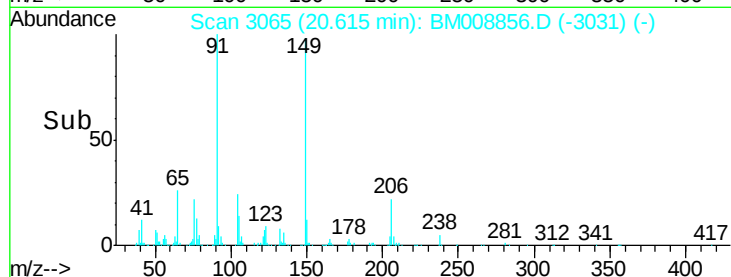
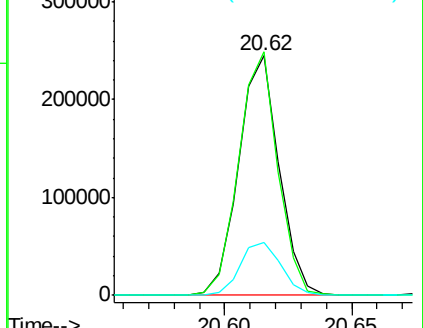
206 22.1 18.3 27.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 21.77 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM008856.D

Acq: 25 Jan 2017 01:53

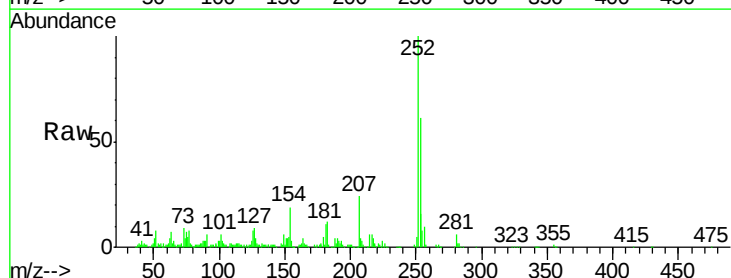
Tgt Ion:252 Resp: 261514

Ion Ratio Lower Upper

252 100

254 60.8 52.4 78.6

126 8.5 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

