

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008880.D
 Acq On : 26 Jan 2017 18:00
 Operator : SJ/MA
 Sample : I1323-22RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R7RE

Quant Time: Jan 27 03:24:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 27 02:34:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	82857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	364323	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.57	164	396403	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	550983	20.00	ng/ul	0.02
75) Chrysene-d12	21.48	240	589066	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	506906	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	1776	1.06	ng/uL	0.00
5) Phenol-d5	7.05	99	21211	3.02	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.26	67	189473	33.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	121957	26.67	ng/ul	0.02
13) 4-Methylphenol-d8	8.65	113	87305	15.89	ng/ul	0.03
19) Nitrobenzene-d5	9.10	128	90404	39.01	ng/ul	0.01
22) 2-Nitrophenol-d4	9.82	143	104906	37.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	189188	32.06	ng/ul	0.02
29) 4-Chloroaniline-d4	10.92	131	4752	0.74	ng/ul	0.04
43) Dimethylphthalate-d6	13.97	166	8898	0.34	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	820402	26.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	1063	0.24	ng/ul	0.00
57) Fluorene-d10	15.56	176	599388	24.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	19046721	5805.42	ng/ul	0.07
70) Anthracene-d10	17.43	188	971150	40.31	ng/ul	0.02
76) Pyrene-d10	19.70	212	1035600	40.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	825572	38.46	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	7.07	77	28498	4.94	ng/ul#	1
10) 2-Chlorophenol	7.51	128	7275	1.54	ng/ul#	82
11) 2-Methylphenol	8.39	108	45116	8.22	ng/ul#	1
12) 2,2'-oxybis(1-Chloropropan	8.47	45	48201	4.47	ng/ul#	30
14) Acetophenone	8.76	105	65287	6.48	ng/ul#	55
16) 4-Methylphenol	8.71	108	44567	7.54	ng/ul	98
17) Hexachloroethane	9.04	117	46228	15.87	ng/ul#	4
20) Nitrobenzene	9.18	77	15175	1.49	ng/ul#	14
21) Isophorone	9.67	82	683660	41.46	ng/ul#	90
23) 2-Nitrophenol	9.86	139	3025	1.03	ng/ul#	1
24) 2,4-Dimethylphenol	9.92	107	78778	9.45	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.16	93	17535	2.13	ng/ul#	1
27) 2,4-Dichlorophenol	10.43	162	18910	3.26	ng/ul	91
30) 4-Chloroaniline	10.83	127	6630822	1007.52	ng/ul#	20
32) Caprolactam	11.70	113	2443	1.37	ng/ul#	1
34) 2-Methylnaphthalene	12.40	142	4487499	328.61	ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	9397783	1278.54	ng/ul	99
39) 2,4,5-Trichlorophenol	13.09	196	9397783	1190.49	ng/ul	97
40) 1,1'-Biphenyl	13.40	154	598266	24.42	ng/ul#	96
41) 2-Chloronaphthalene	13.59	162	3822328	198.31	ng/ul#	42
47) Acenaphthylene	14.29	152	101074	3.41	ng/ul#	76
49) Acenaphthene	14.63	153	1112830	53.43	ng/ul	97
52) 4-Nitrophenol	14.73	109	94455	10.55	ng/ul#	25

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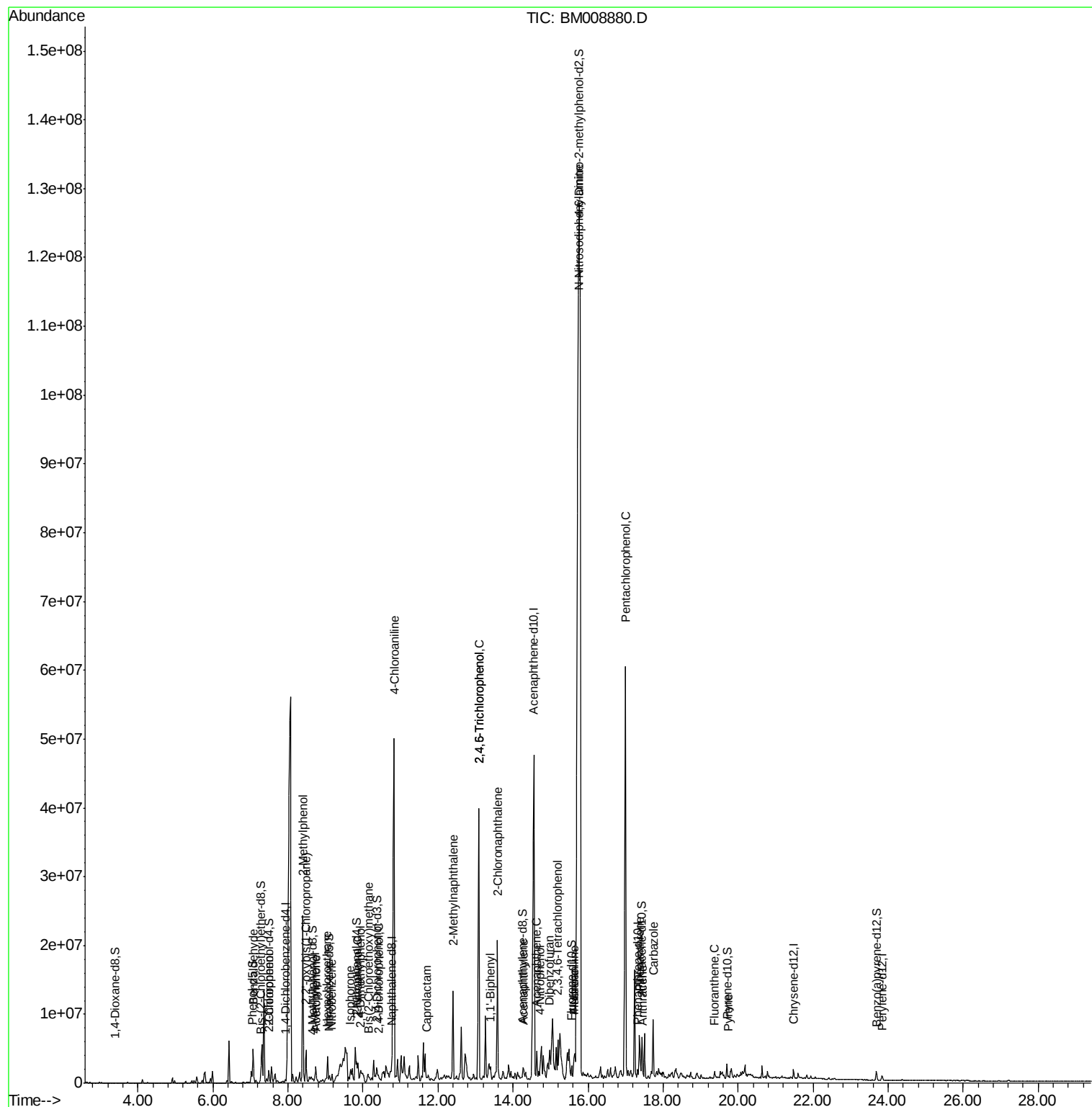
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Dibenzofuran	14.97	168	1650345	51.53	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.20	232	863948	108.98	ng/ul#	93
58) Fluorene	15.62	166	863283	32.26	ng/ul	98
60) 4-Nitroaniline	15.62	138	18906	3.61	ng/ul#	43
64) N-Nitrosodiphenylamine	15.74	169	3485831	250.13	ng/ul#	34
68) Pentachlorophenol	17.00	266	11334516	2661.16	ng/ul	97
69) Phenanthrene	17.37	178	2393807	88.21	ng/ul	99
71) Anthracene	17.46	178	184640	6.65	ng/ul	95
72) Carbazole	17.74	167	4328689	177.82	ng/ul	98
74) Fluoranthene	19.37	202	145388	4.12	ng/ul	98
77) Pyrene	19.73	202	60822	1.92	ng/ul	98

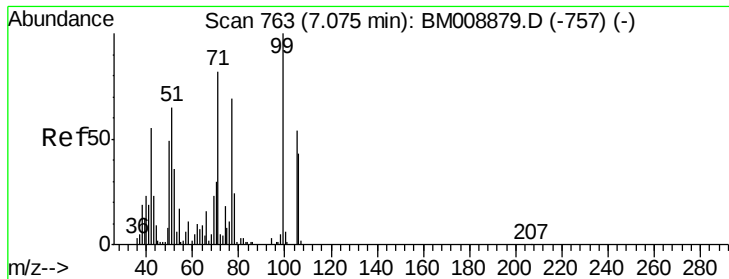
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 4.94 ng/ul

RT: 7.07 min Scan# 763

Delta R.T. -0.00 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

BNA_M

ClientSampleId :

DA9R7RE

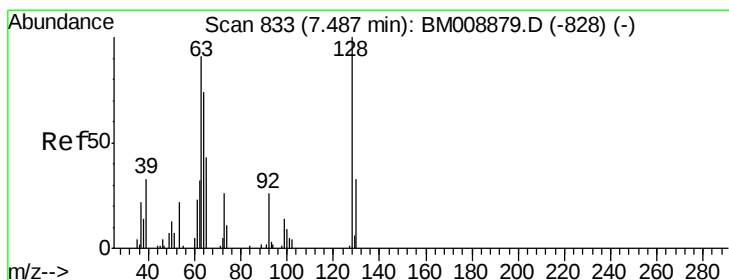
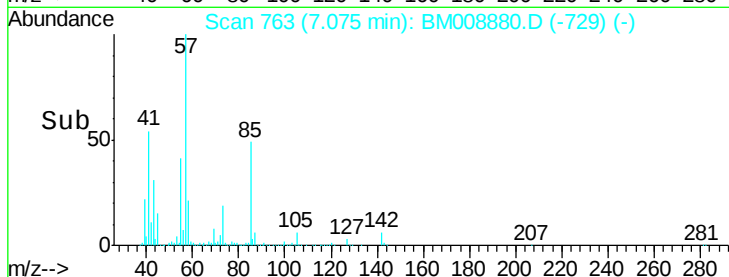
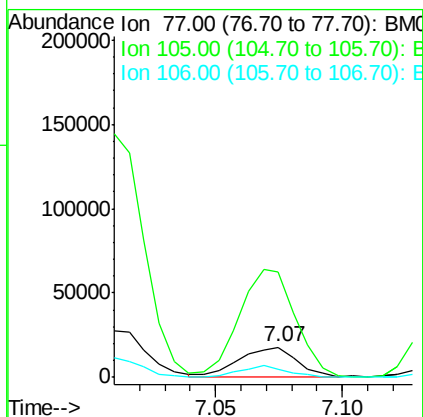
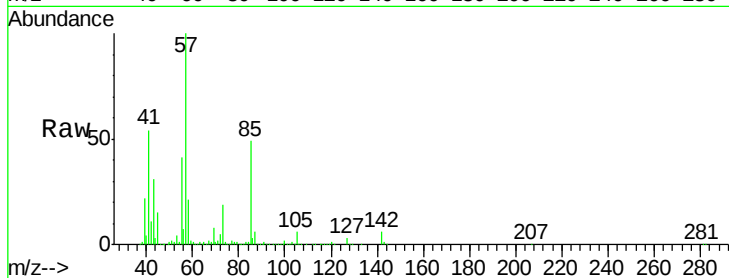
Tgt Ion: 77 Resp: 28498

Ion Ratio Lower Upper

77 100

105 345.2 76.5 114.7#

106 25.9 71.3 106.9#



#10

2-Chlorophenol

Concen: 1.54 ng/ul

RT: 7.51 min Scan# 837

Delta R.T. 0.02 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

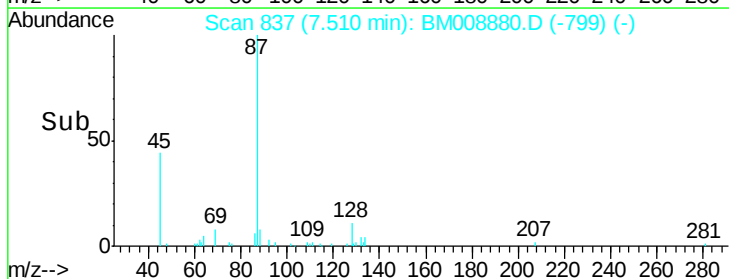
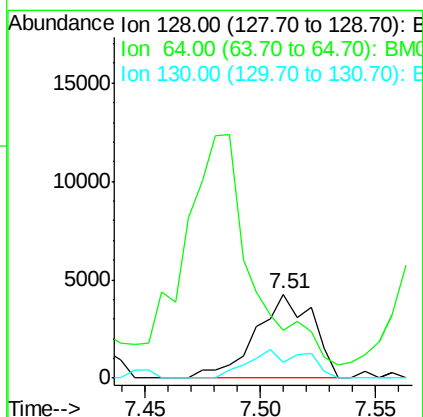
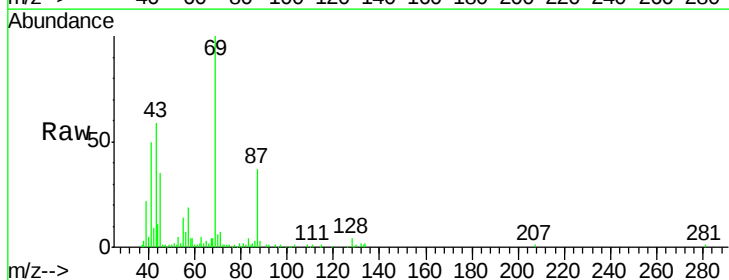
Tgt Ion: 128 Resp: 7275

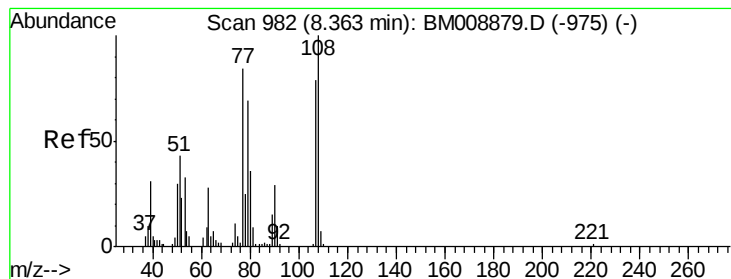
Ion Ratio Lower Upper

128 100

64 56.8 38.7 58.1

130 19.5 26.9 40.3#





#11

2-Methylphenol

Concen: 8.22 ng/ul

RT: 8.39 min Scan# 987

Delta R.T. 0.03 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

BNA_M

ClientSampleId :

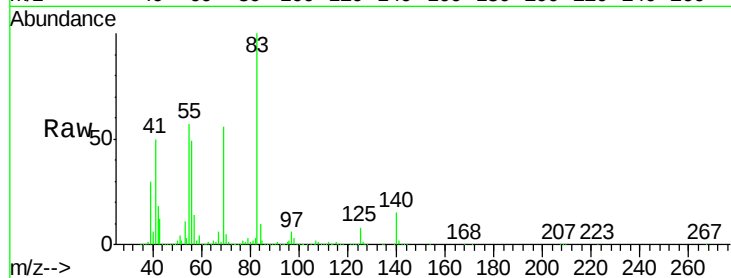
DA9R7RE

Tgt Ion:108 Resp: 45116

Ion Ratio Lower Upper

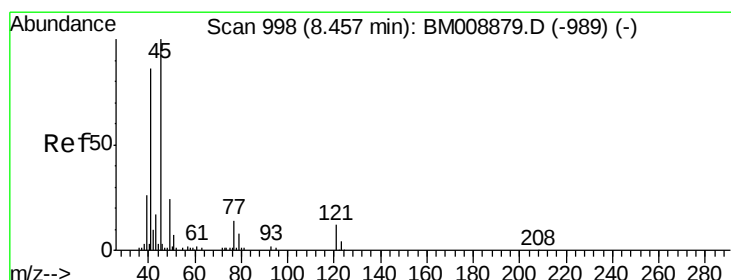
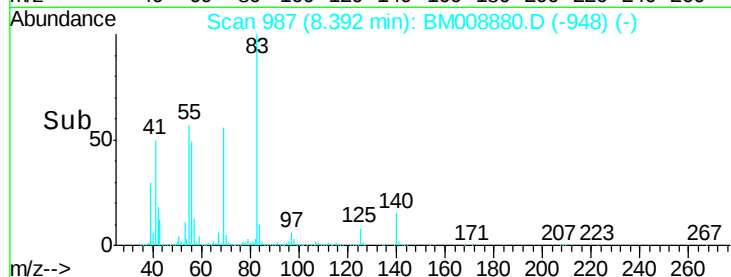
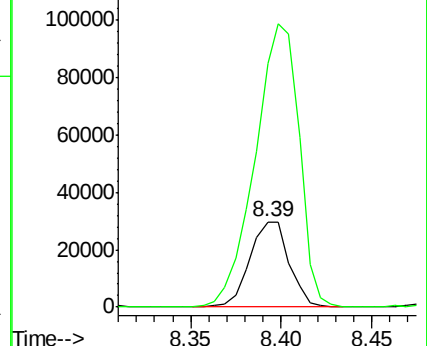
108 100

107 286.3 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: 4.47 ng/ul

RT: 8.47 min Scan# 1001

Delta R.T. 0.02 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

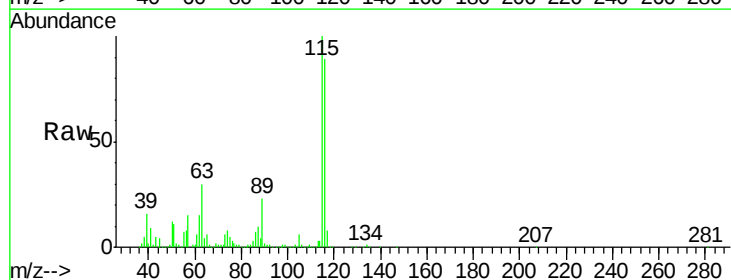
Tgt Ion: 45 Resp: 48201

Ion Ratio Lower Upper

45 100

77 62.0 13.8 20.6#

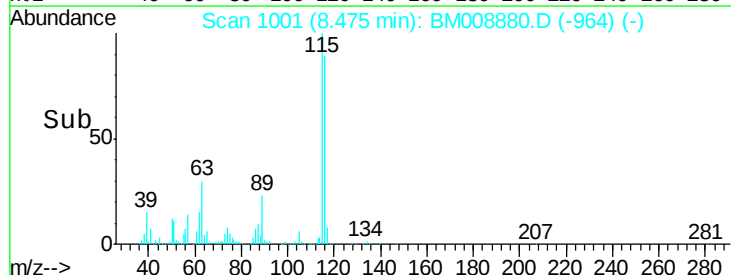
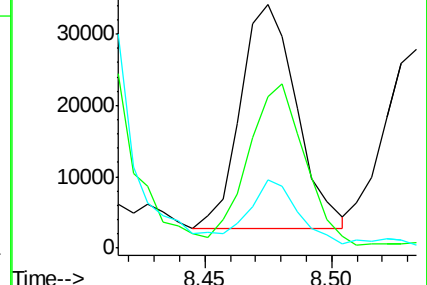
79 28.2 12.1 18.1#

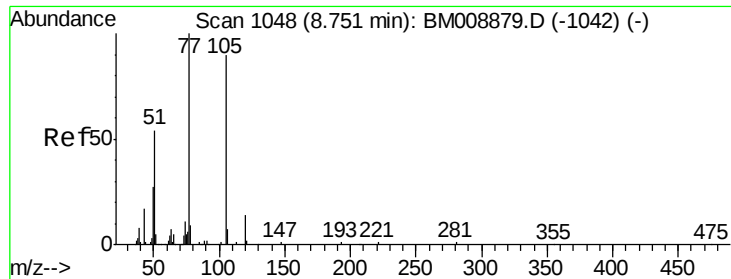


Abundance Ion 45.00 (44.70 to 45.70): BM0

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#14

Acetophenone

Concen: 6.48 ng/ul

RT: 8.76 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

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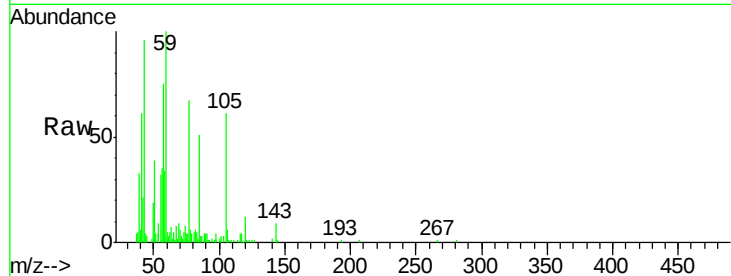
Tgt Ion:105 Resp: 65287

Ion Ratio Lower Upper

105 100

77 110.8 64.2 96.4#

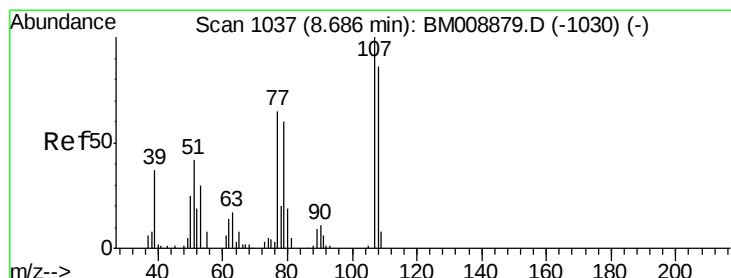
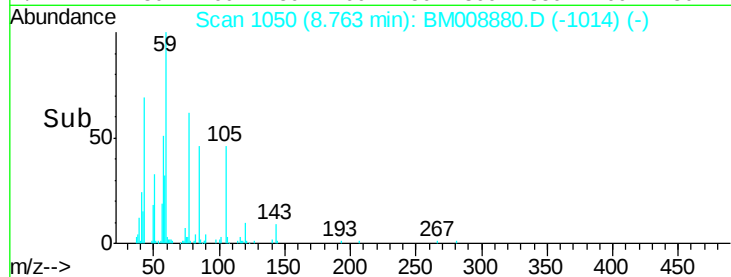
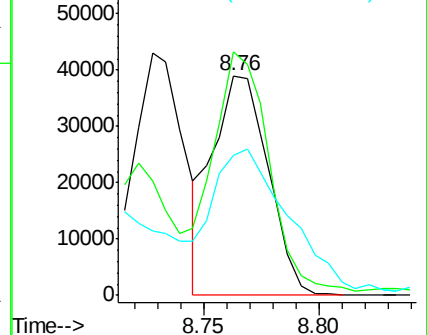
51 63.7 19.8 29.6#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#16

4-Methylphenol

Concen: 7.54 ng/ul

RT: 8.71 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BM008880.D

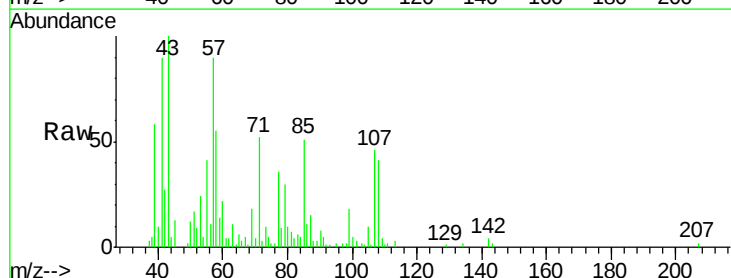
Acq: 26 Jan 2017 18:00

Tgt Ion:108 Resp: 44567

Ion Ratio Lower Upper

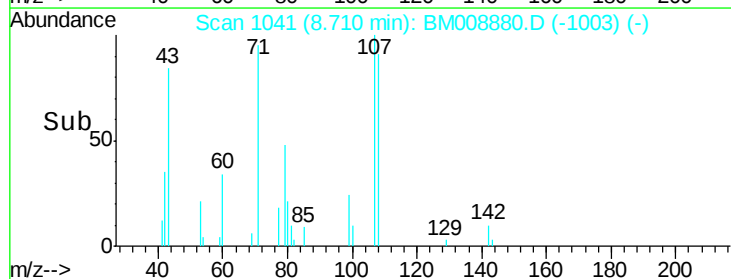
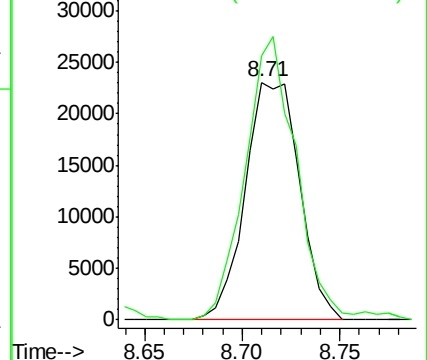
108 100

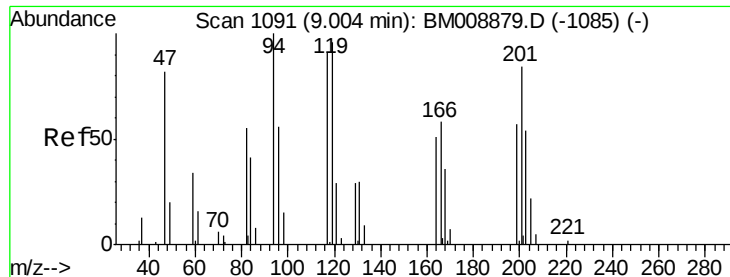
107 111.0 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 15.87 ng/ul

RT: 9.04 min Scan# 1097

Delta R.T. 0.04 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

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ClientSampled :

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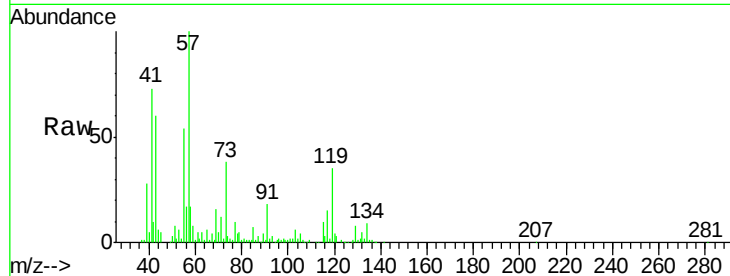
Tgt Ion:117 Resp: 46228

Ion Ratio Lower Upper

117 100

201 0.0 85.4 128.2#

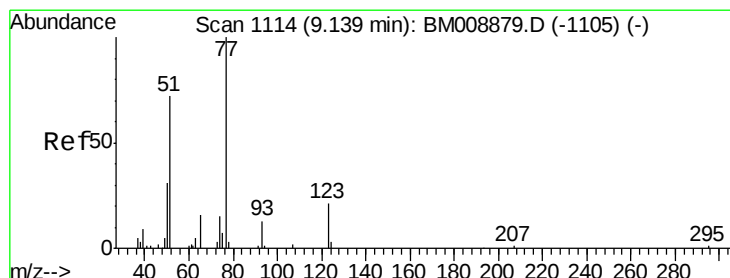
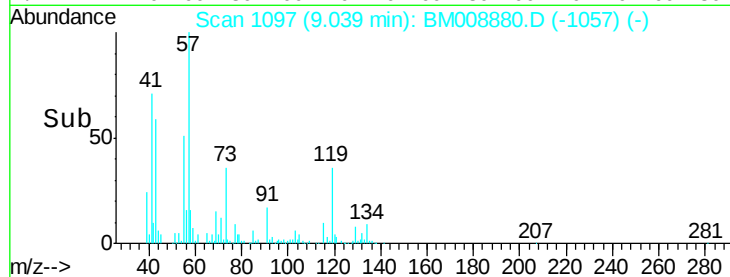
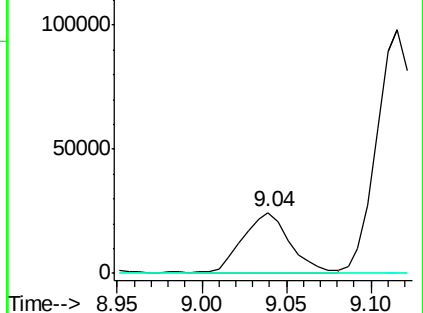
199 0.0 54.1 81.1#



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: 1.49 ng/ul

RT: 9.18 min Scan# 1121

Delta R.T. 0.04 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

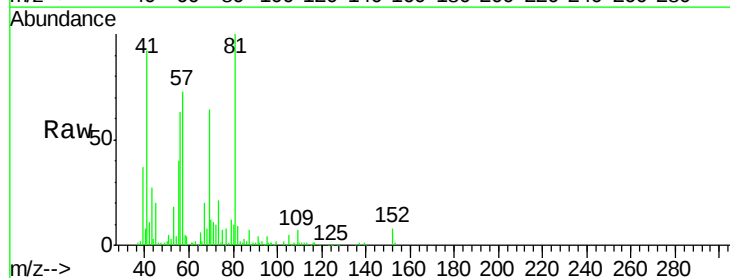
Tgt Ion: 77 Resp: 15175

Ion Ratio Lower Upper

77 100

123 4.4 32.2 48.2#

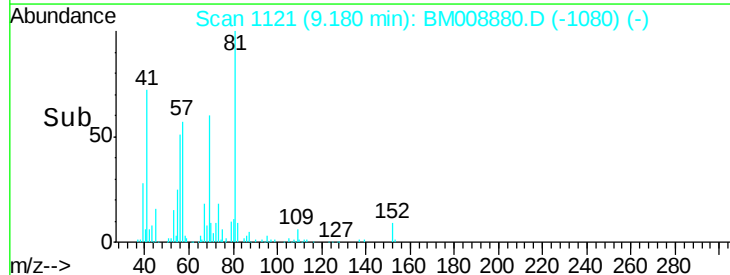
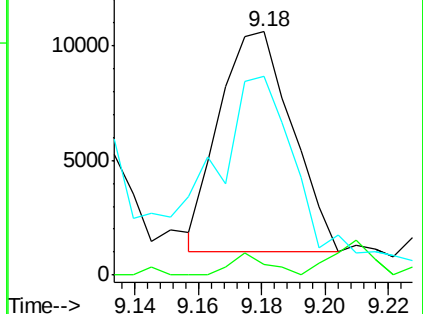
65 81.5 11.0 16.6#

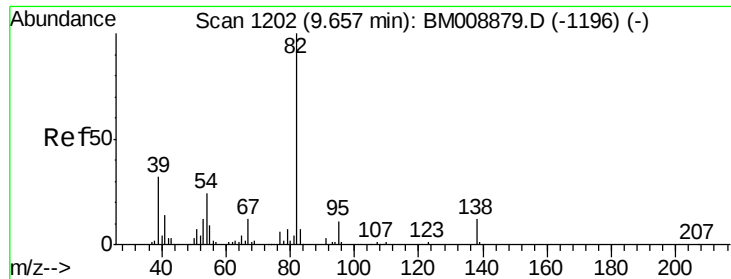


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 41.46 ng/ul

RT: 9.67 min Scan# 1205

Delta R.T. 0.02 min

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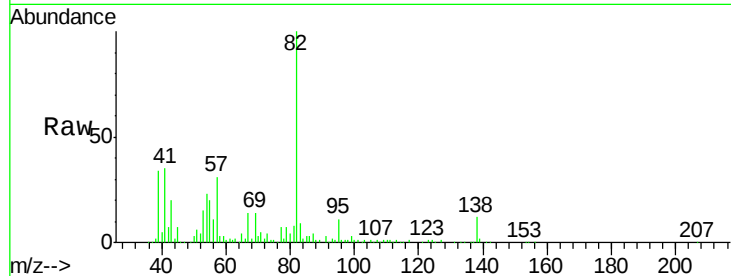
Tgt Ion: 82 Resp: 683660

Ion Ratio Lower Upper

82 100

95 11.3 6.1 9.1#

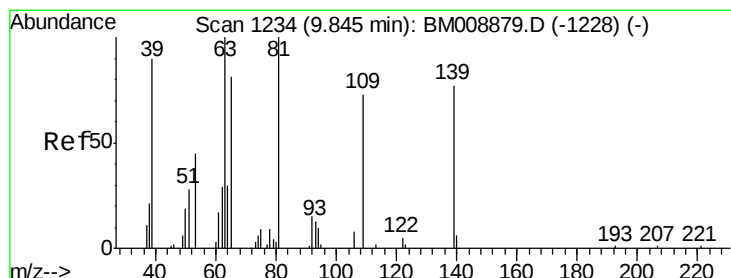
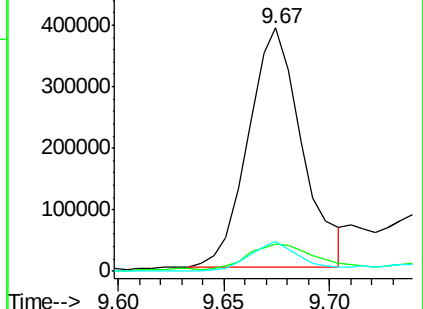
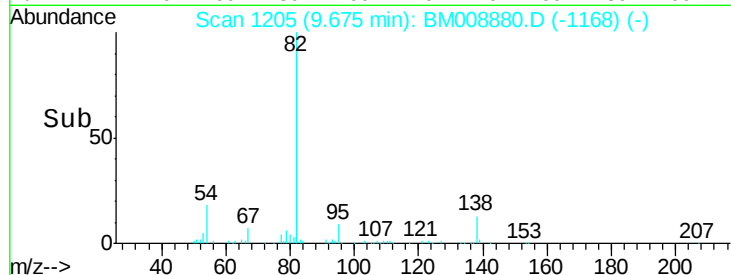
138 12.3 13.4 20.2#



Abundance Ion 82.00 (81.70 to 82.70): BM008880.D (-1200) (-)

Ion 95.00 (94.70 to 95.70): BM008880.D (-1200) (-)

Ion 138.00 (137.70 to 138.70): BM008880.D (-1200) (-)



#23

2-Nitrophenol

Concen: 1.03 ng/ul

RT: 9.86 min Scan# 1237

Delta R.T. 0.02 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

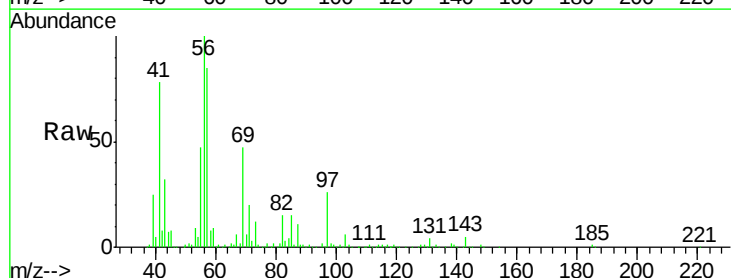
Tgt Ion: 139 Resp: 3025

Ion Ratio Lower Upper

139 100

65 273.6 42.3 63.5#

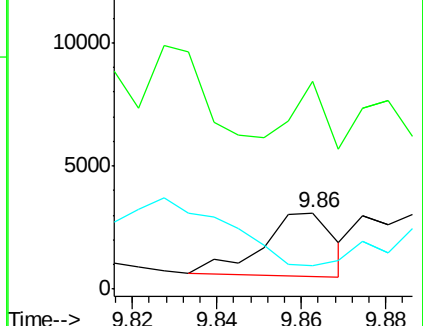
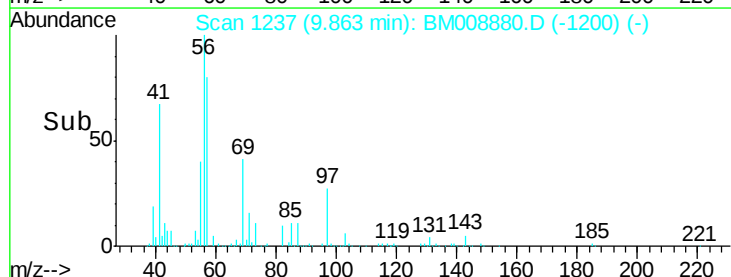
109 30.7 29.7 44.5

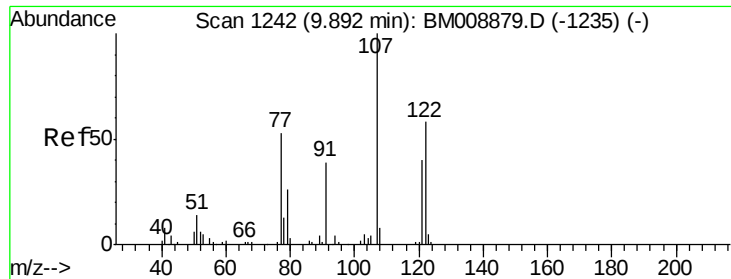


Abundance Ion 139.00 (138.70 to 139.70): BM008880.D (-1200) (-)

Ion 65.00 (64.70 to 65.70): BM008880.D (-1200) (-)

Ion 109.00 (108.70 to 109.70): BM008880.D (-1200) (-)

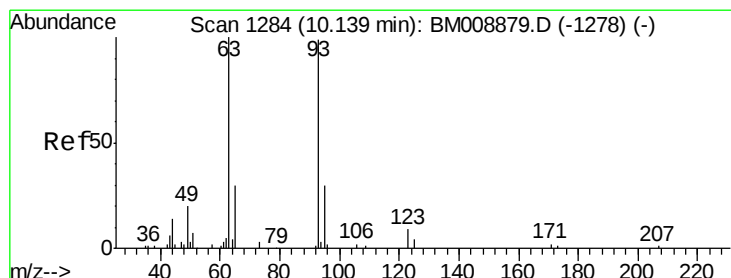
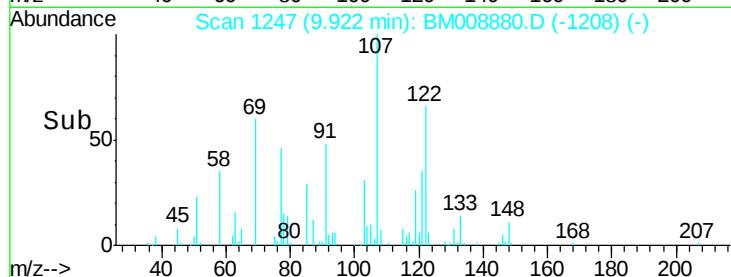
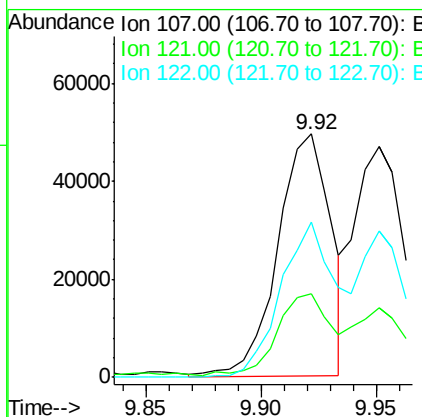
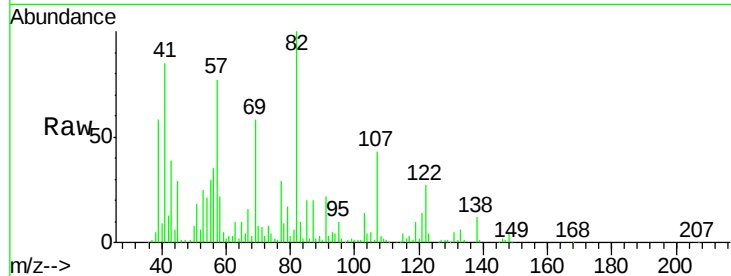




#24
 2,4-Dimethylphenol
 Concen: 9.45 ng/ul
 RT: 9.92 min Scan# 1247
 Delta R.T. 0.03 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

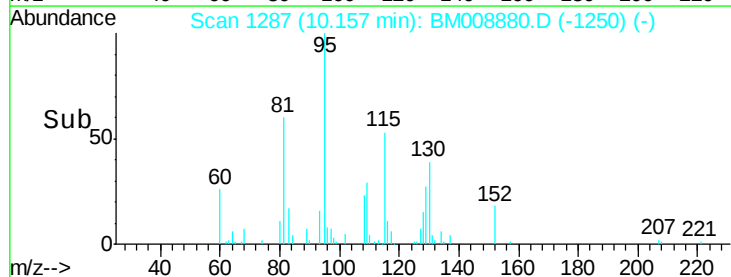
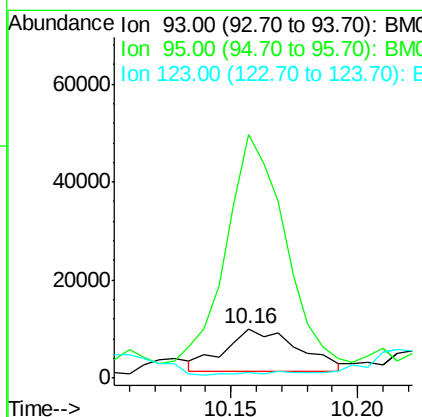
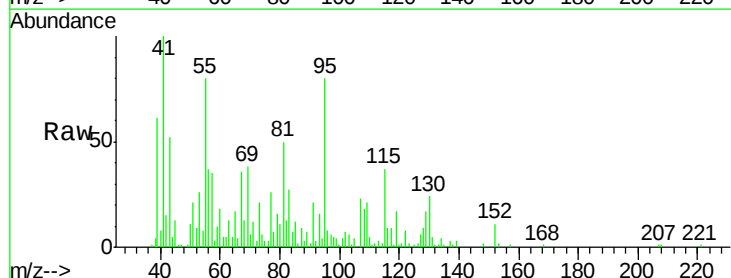
Instrument :
 BNA_M
 ClientSampleId :
 DA9R7RE

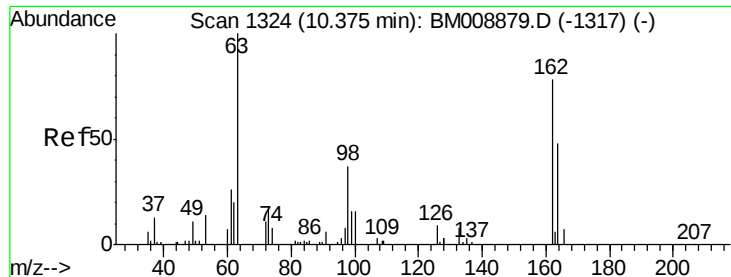
Tgt Ion: 107 Resp: 78778
 Ion Ratio Lower Upper
 107 100
 121 34.1 38.0 57.0#
 122 63.7 62.2 93.2



#25
 Bis(2-Chloroethoxy)methane
 Concen: 2.13 ng/ul
 RT: 10.16 min Scan# 1287
 Delta R.T. 0.02 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Tgt Ion: 93 Resp: 17535
 Ion Ratio Lower Upper
 93 100
 95 496.7 24.2 36.2#
 123 11.5 8.2 12.2

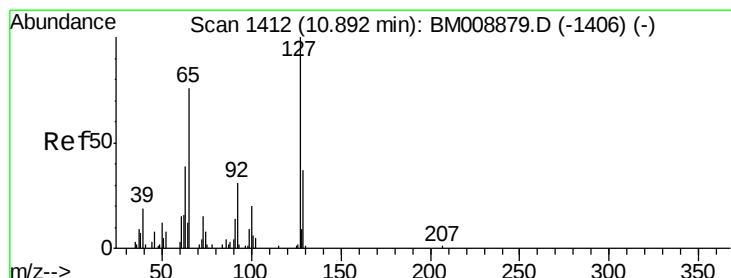
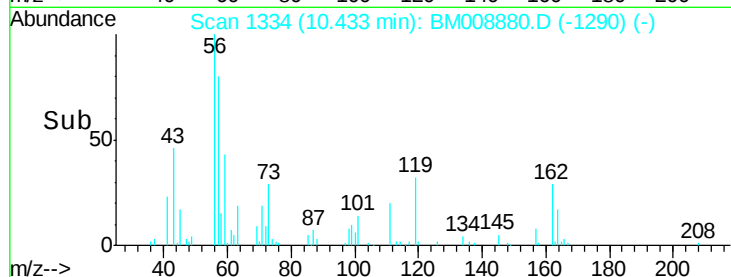
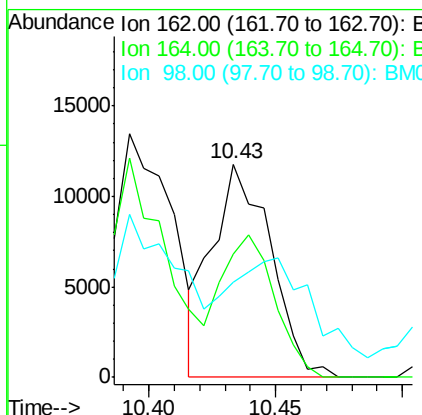
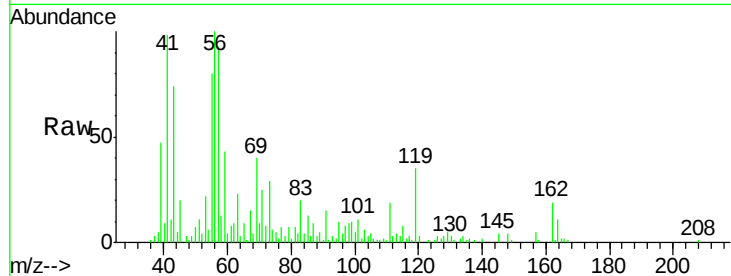




#27
 2,4-Dichlorophenol
 Concen: 3.26 ng/ul
 RT: 10.43 min Scan# 1334
 Delta R.T. 0.06 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

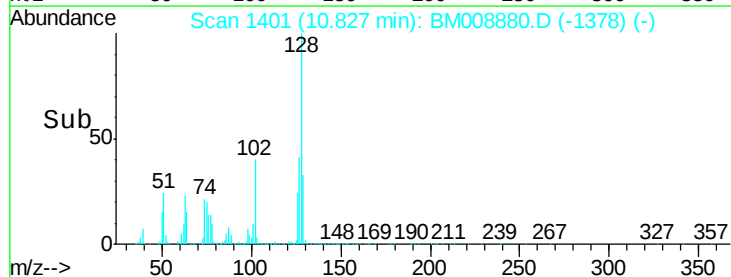
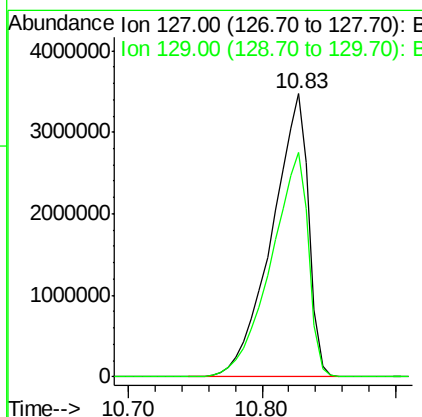
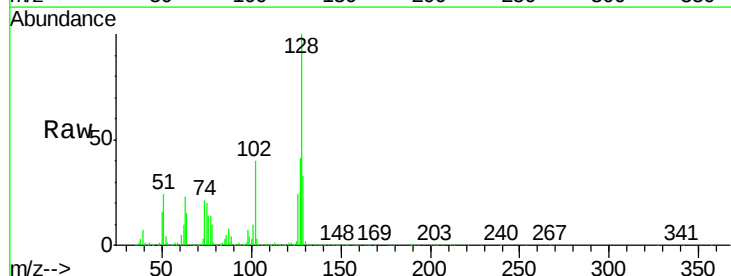
Instrument :
 BNA_M
 ClientSampleId :
 DA9R7RE

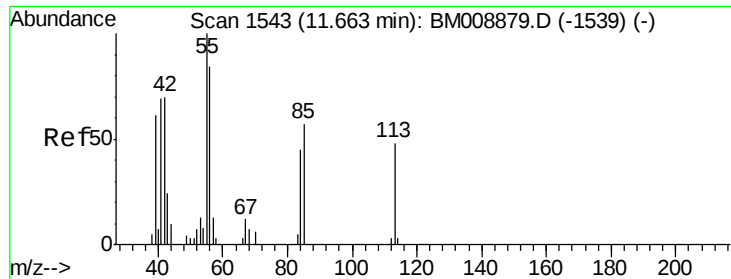
Tgt Ion:162 Resp: 18910
 Ion Ratio Lower Upper
 162 100
 164 58.0 50.8 76.2
 98 44.6 29.8 44.6



#30
 4-Chloroaniline
 Concen: 1007.52 ng/ul
 RT: 10.83 min Scan# 1401
 Delta R.T. -0.06 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Tgt Ion:127 Resp: 6630822
 Ion Ratio Lower Upper
 127 100
 129 79.5 27.1 40.7#





#32

Caprolactam

Concen: 1.37 ng/ul

RT: 11.70 min Scan# 1549

Delta R.T. 0.04 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

BNA_M

ClientSampleId :

DA9R7RE

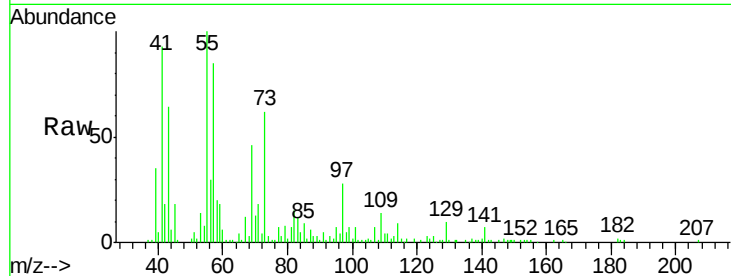
Tgt Ion:113 Resp: 2443

Ion Ratio Lower Upper

113 100

55 3329.3 117.0 175.4#

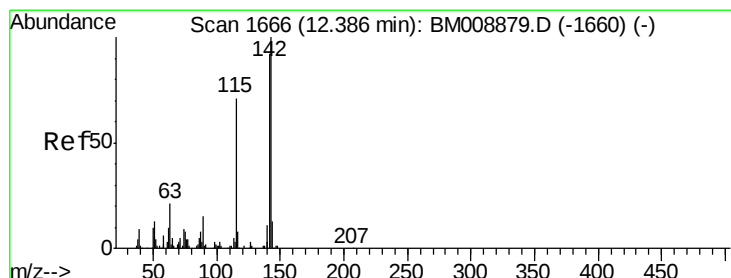
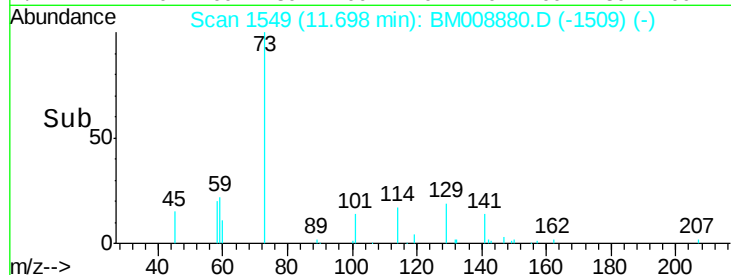
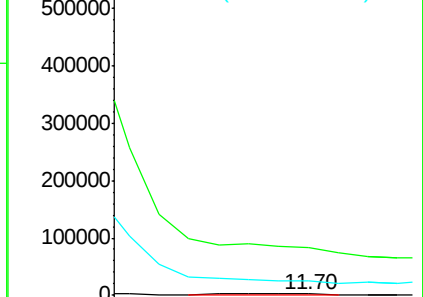
56 1000.6 97.7 146.5#



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



#34

2-Methylnaphthalene

Concen: 328.61 ng/ul

RT: 12.40 min Scan# 1669

Delta R.T. 0.02 min

Lab File: BM008880.D

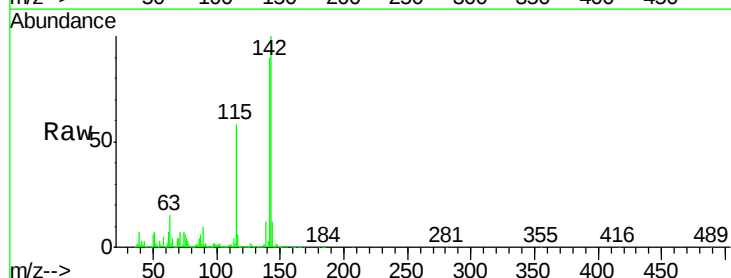
Acq: 26 Jan 2017 18:00

Tgt Ion:142 Resp: 4487499

Ion Ratio Lower Upper

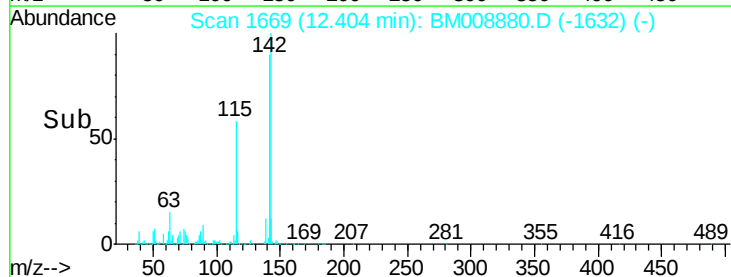
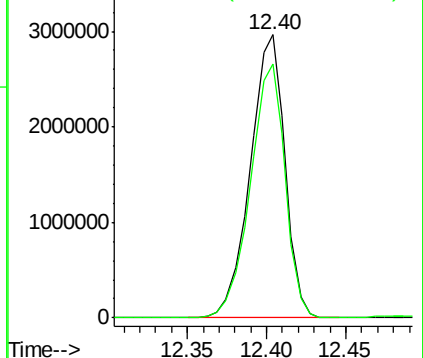
142 100

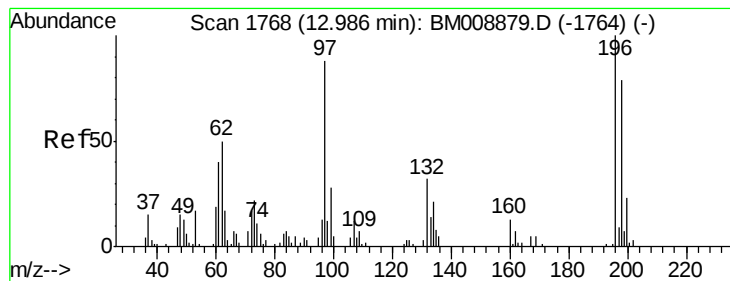
141 89.9 73.0 109.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#38

2,4,6-Trichlorophenol

Concen: 1278.54 ng/ul

RT: 13.09 min Scan# 1786

Delta R.T. 0.11 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

BNA_M

ClientSampleId :

DA9R7RE

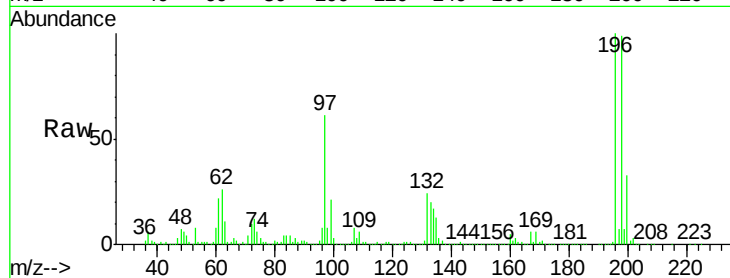
Tgt Ion:196 Resp: 9397783

Ion Ratio Lower Upper

196 100

198 99.2 78.8 118.2

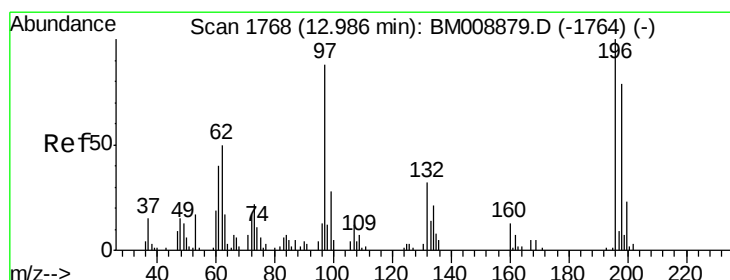
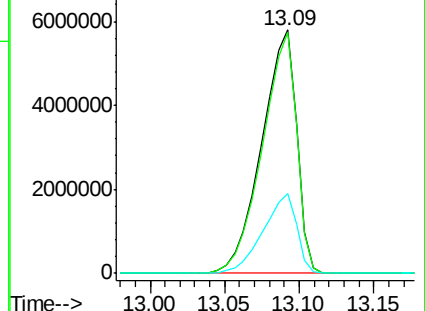
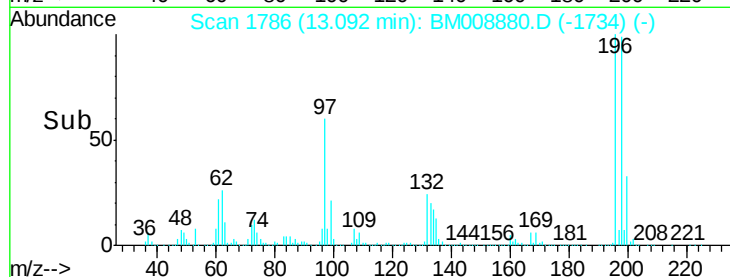
200 32.9 25.7 38.5



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: 1190.49 ng/ul

RT: 13.09 min Scan# 1786

Delta R.T. 0.11 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

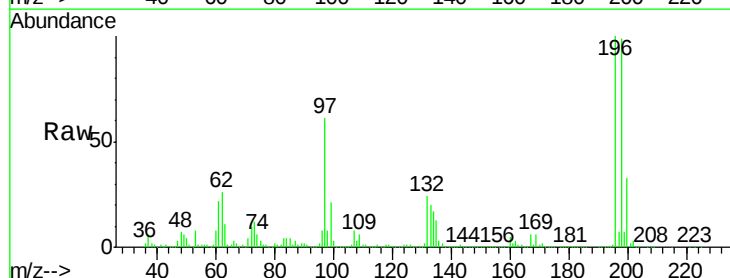
Tgt Ion:196 Resp: 9397783

Ion Ratio Lower Upper

196 100

198 99.2 77.8 116.6

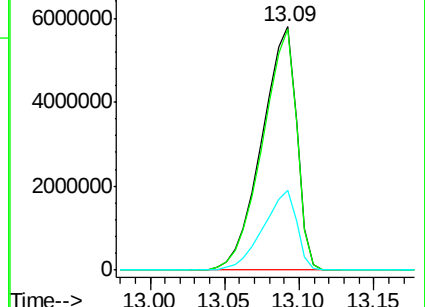
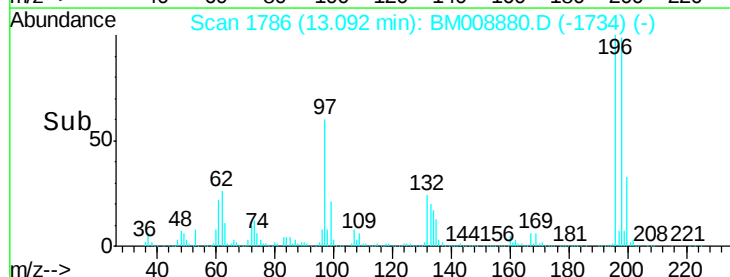
200 32.9 23.6 35.4

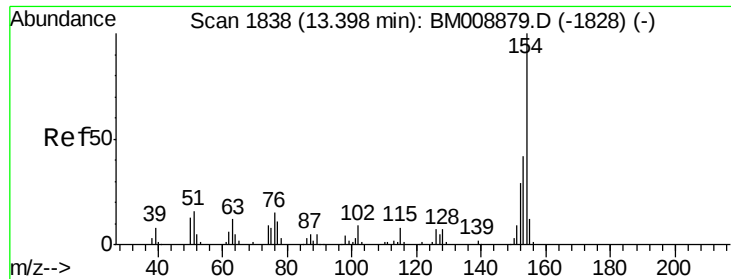


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

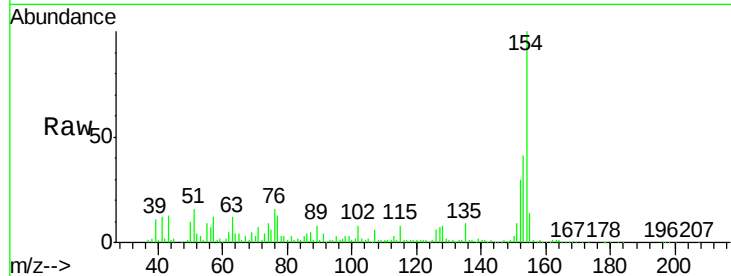




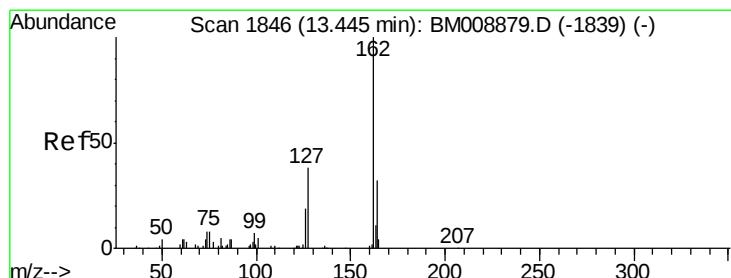
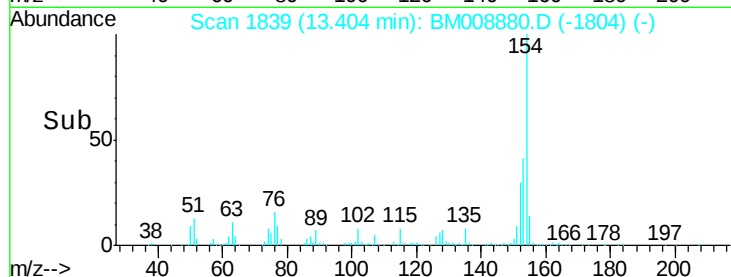
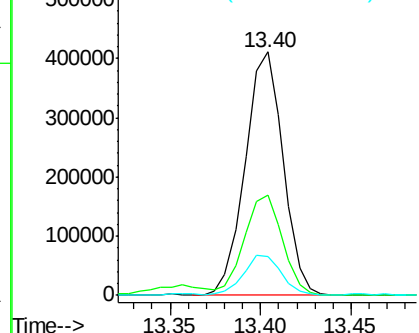
#40
 1,1'-Biphenyl
 Concen: 24.42 ng/ul
 RT: 13.40 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Instrument :
 BNA_M
 ClientSampleId :
 DA9R7RE

Tgt Ion:154 Resp: 598266
 Ion Ratio Lower Upper
 154 100
 153 41.4 32.2 48.4
 76 16.0 9.8 14.6#

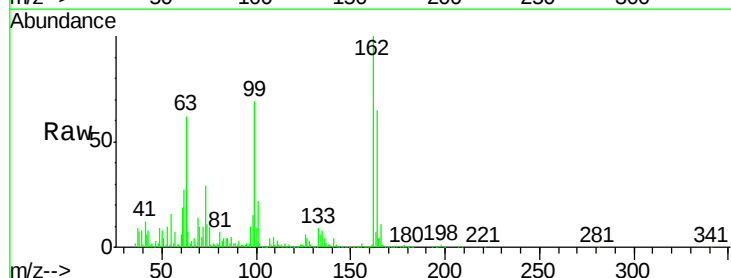


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

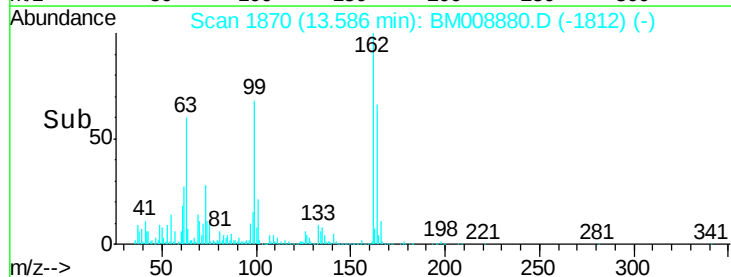
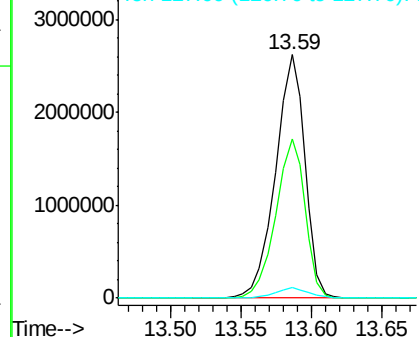


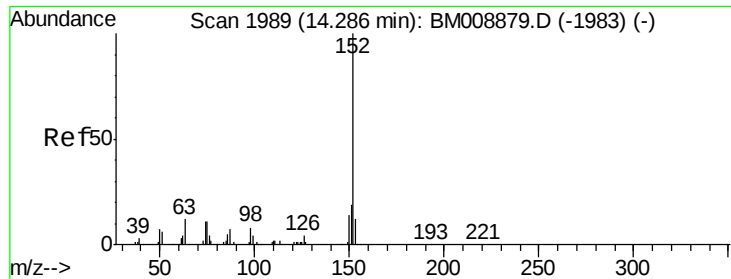
#41
 2-Chloronaphthalene
 Concen: 198.31 ng/ul
 RT: 13.59 min Scan# 1870
 Delta R.T. 0.14 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Tgt Ion:162 Resp: 3822328
 Ion Ratio Lower Upper
 162 100
 164 65.4 26.3 39.5#
 127 4.2 31.7 47.5#



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

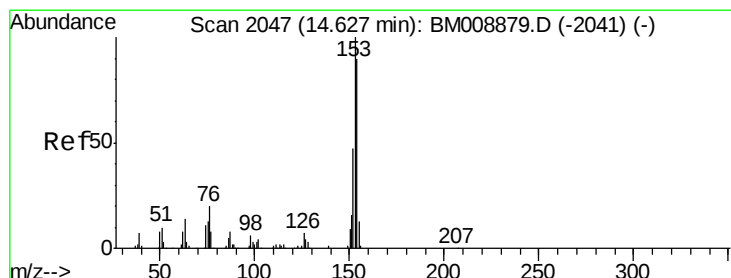
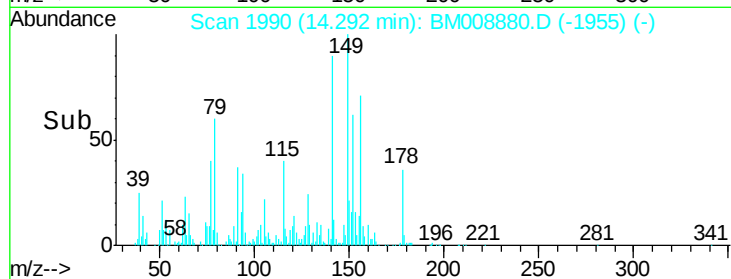
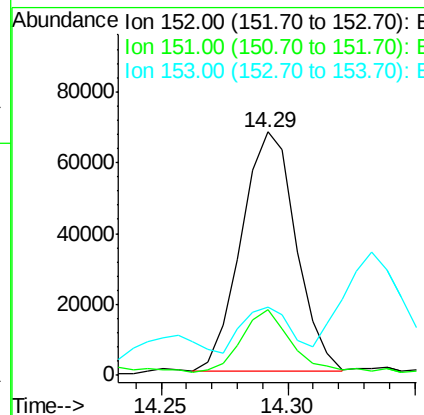
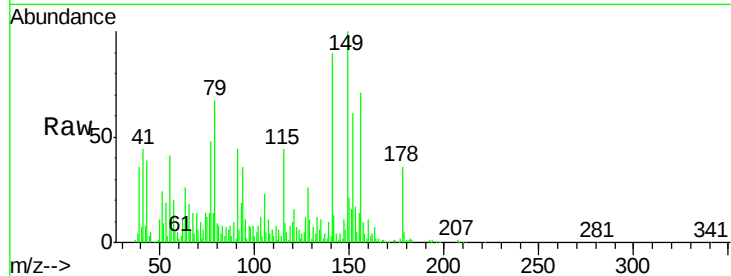




#47
Acenaphthylene
Concen: 3.41 ng/ul
RT: 14.29 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BM008880.D
Acq: 26 Jan 2017 18:00

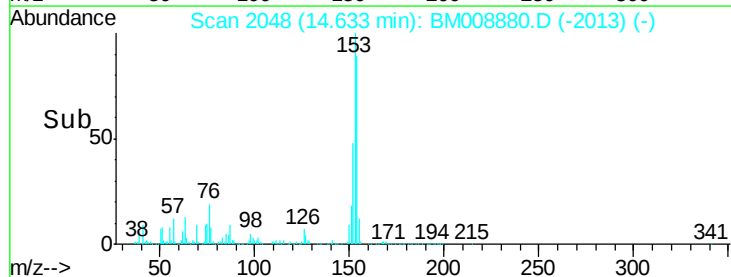
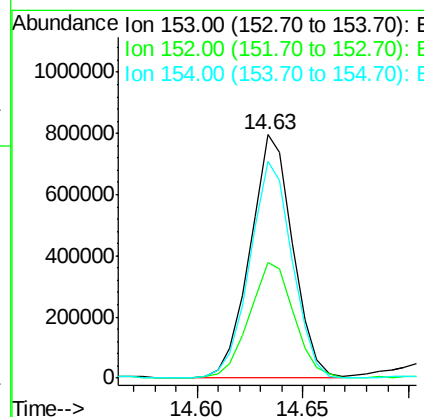
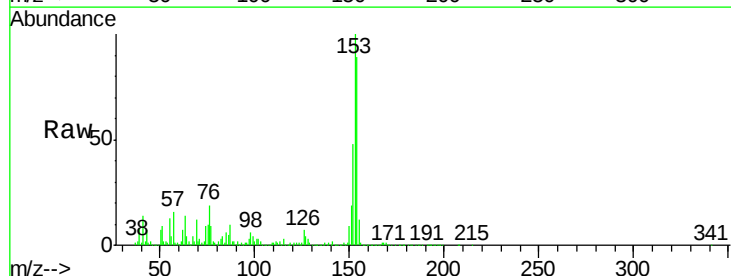
Instrument :
BNA_M
ClientSampleId :
DA9R7RE

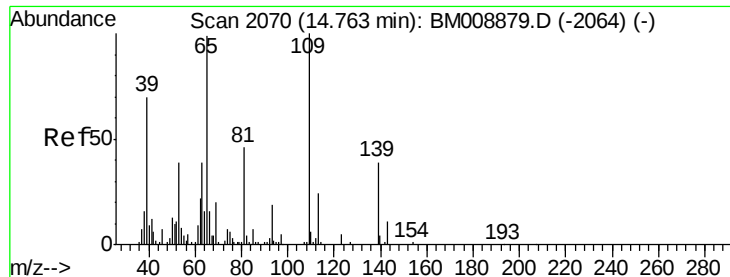
Tgt Ion:152 Resp: 101074
Ion Ratio Lower Upper
152 100
151 27.0 16.0 24.0#
153 27.8 10.4 15.6#



#49
Acenaphthene
Concen: 53.43 ng/ul
RT: 14.63 min Scan# 2048
Delta R.T. 0.01 min
Lab File: BM008880.D
Acq: 26 Jan 2017 18:00

Tgt Ion:153 Resp: 1112830
Ion Ratio Lower Upper
153 100
152 47.6 36.4 54.6
154 89.2 68.7 103.1





#52

4-Nitrophenol

Concen: 10.55 ng/ul

RT: 14.73 min Scan# 2064

Delta R.T. -0.04 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

BNA_M

ClientSampleId :

DA9R7RE

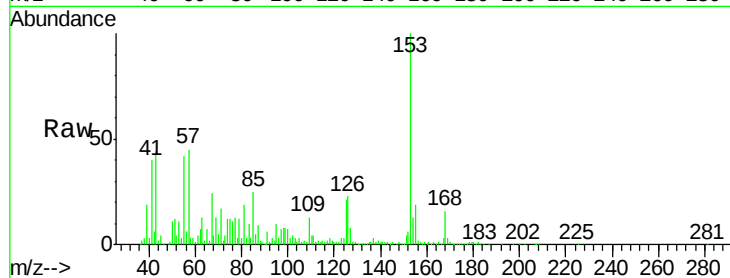
Tgt Ion:109 Resp: 94455

Ion Ratio Lower Upper

109 100

139 15.1 85.4 128.2#

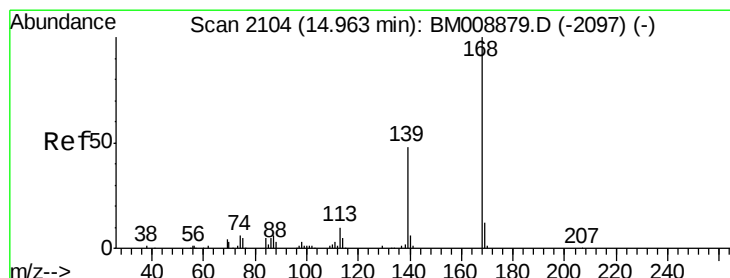
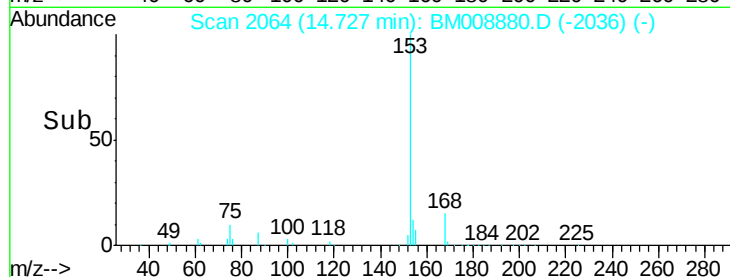
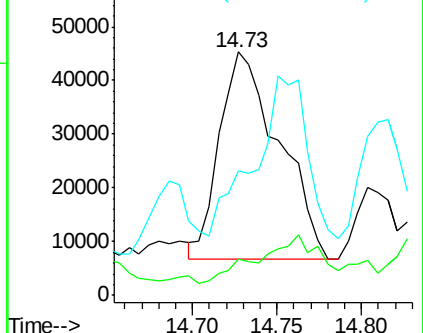
65 51.4 97.7 146.5#



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: 51.53 ng/ul

RT: 14.97 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BM008880.D

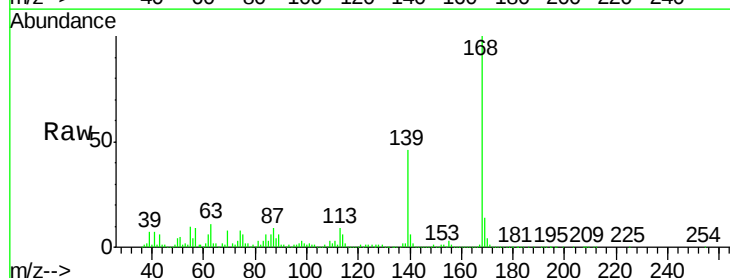
Acq: 26 Jan 2017 18:00

Tgt Ion:168 Resp: 1650345

Ion Ratio Lower Upper

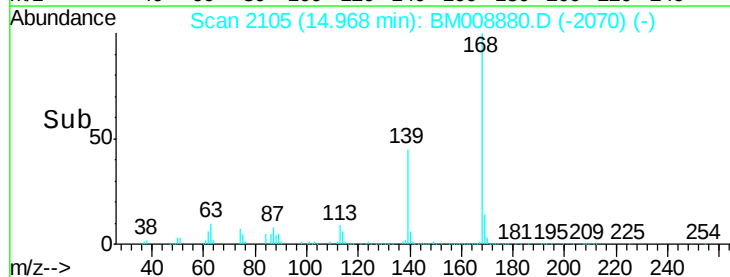
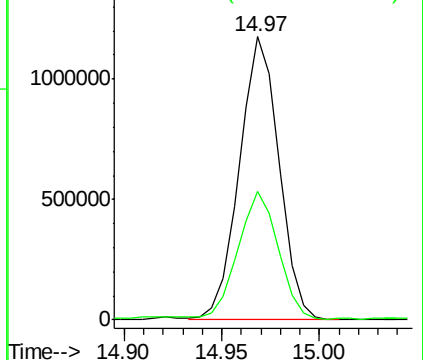
168 100

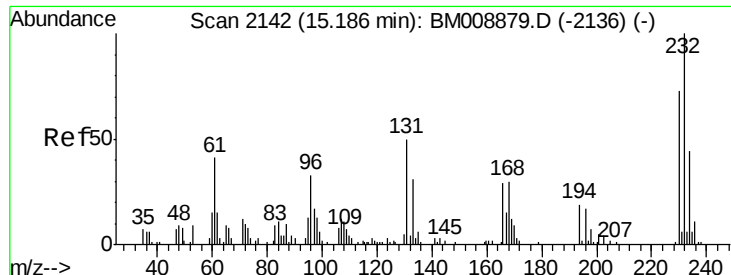
139 45.5 30.3 45.5#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 108.98 ng/ul

RT: 15.20 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

BNA_M

ClientSampleId :

DA9R7RE

Tgt Ion:232 Resp: 863948

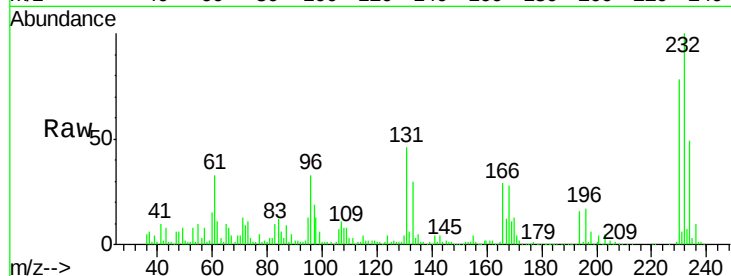
Ion Ratio Lower Upper

232 100

131 45.9 31.8 47.8

130 3.7 1.8 2.6#

166 28.7 21.6 32.4

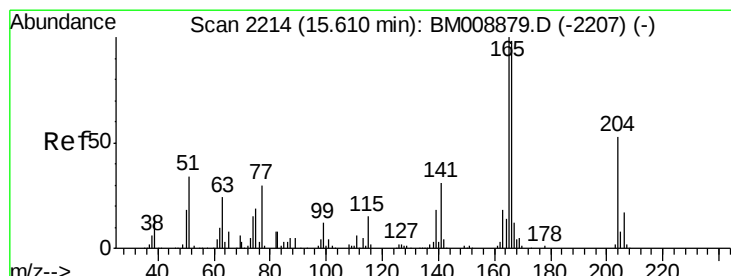
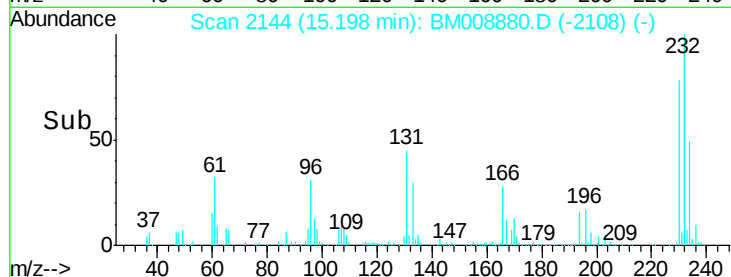
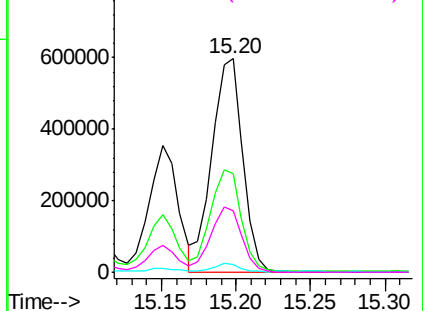


Abundance Ion 232.00 (231.70 to 232.70): E

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



#58

Fluorene

Concen: 32.26 ng/ul

RT: 15.62 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

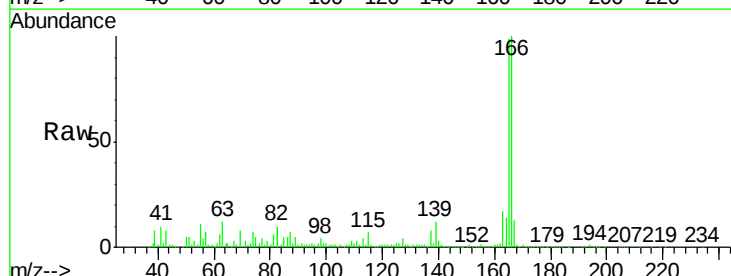
Tgt Ion:166 Resp: 863283

Ion Ratio Lower Upper

166 100

165 98.7 80.2 120.2

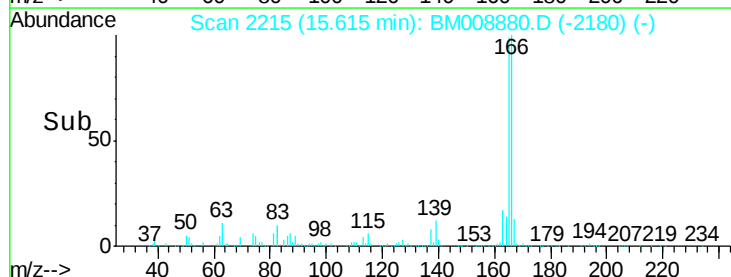
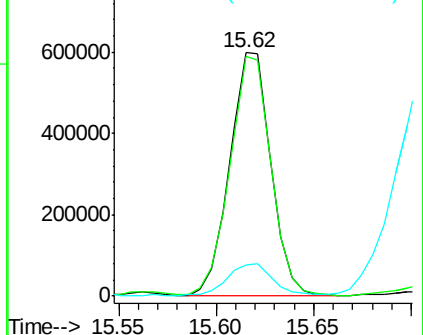
167 13.0 10.9 16.3

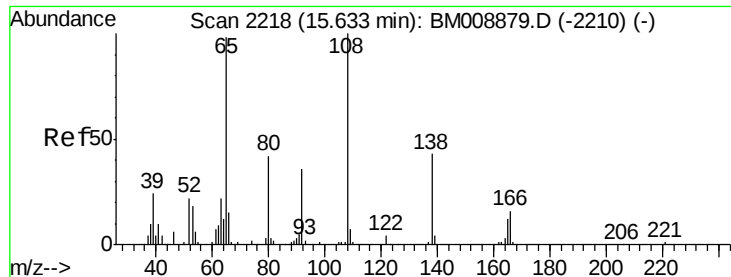


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

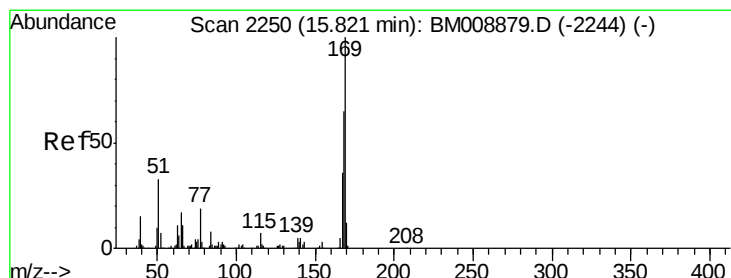
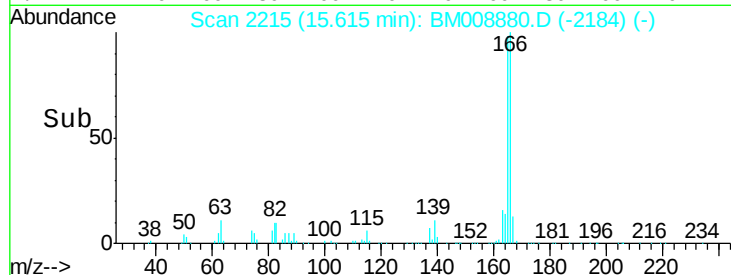
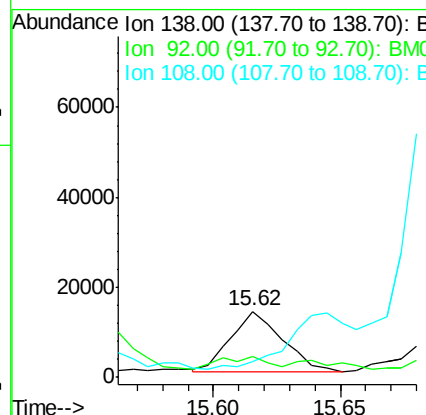
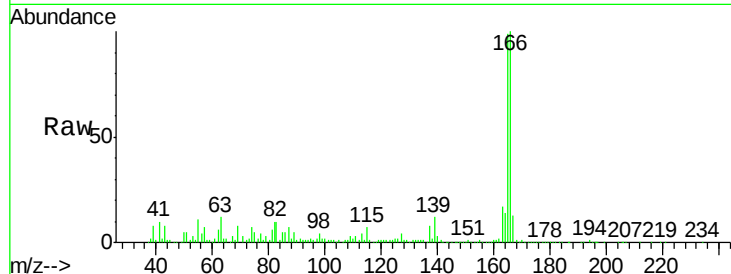




#60
4-Nitroaniline
Concen: 3.61 ng/ul
RT: 15.62 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BM008880.D
Acq: 26 Jan 2017 18:00

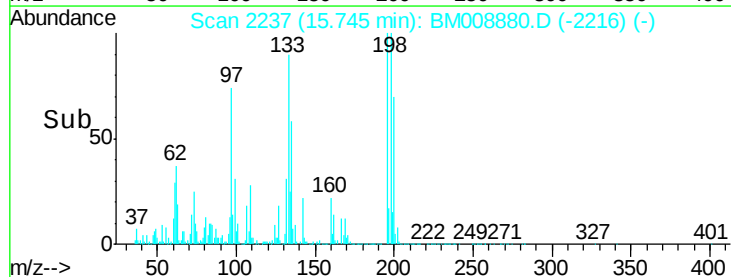
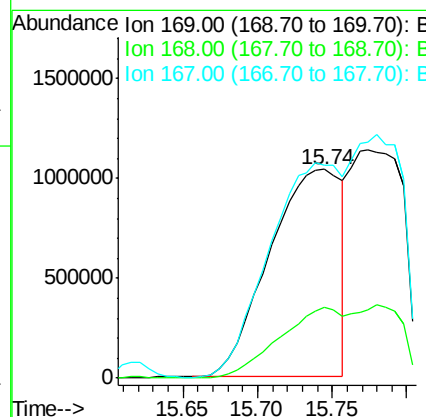
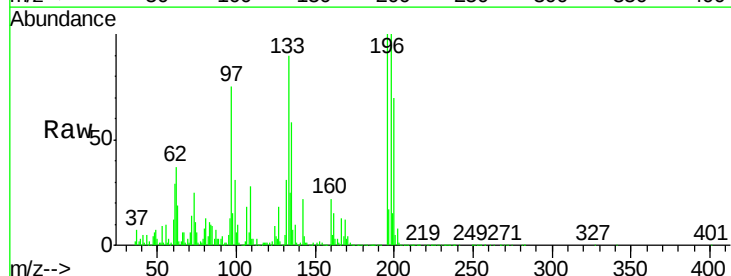
Instrument :
BNA_M
ClientSampleId :
DA9R7RE

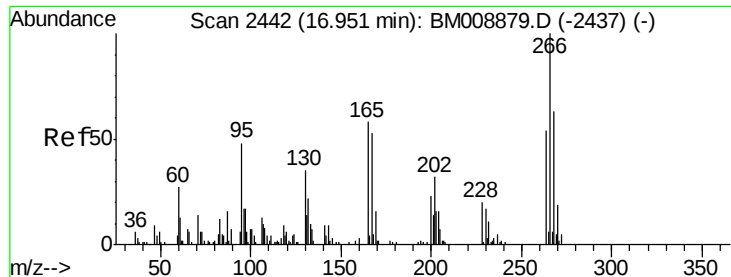
Tgt Ion:138 Resp: 18906
Ion Ratio Lower Upper
138 100
92 31.6 44.9 67.3#
108 23.8 73.8 110.6#



#64
N-Nitrosodiphenylamine
Concen: 250.13 ng/ul
RT: 15.74 min Scan# 2237
Delta R.T. -0.08 min
Lab File: BM008880.D
Acq: 26 Jan 2017 18:00

Tgt Ion:169 Resp: 3485831
Ion Ratio Lower Upper
169 100
168 33.8 53.1 79.7#
167 102.1 28.6 43.0#

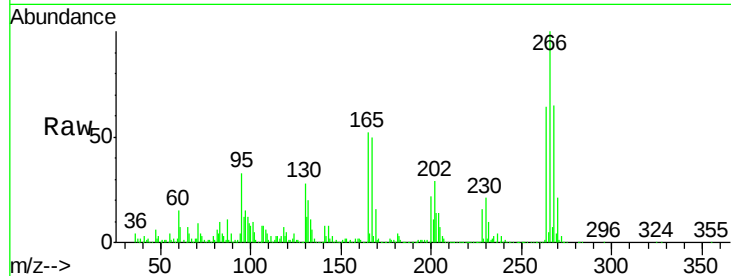




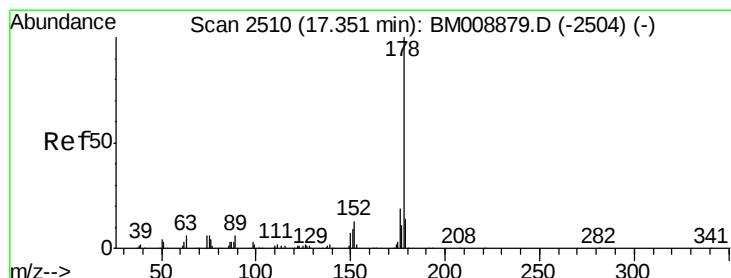
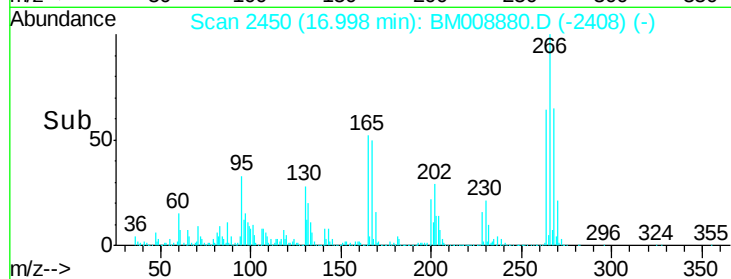
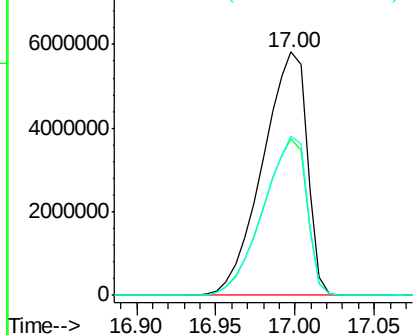
#68
 Pentachlorophenol
 Concen: 2661.16 ng/ul
 RT: 17.00 min Scan# 2450
 Delta R.T. 0.05 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Instrument :
 BNA_M
 ClientSampleId :
 DA9R7RE

Tgt Ion:266 Resp:11334516
 Ion Ratio Lower Upper
 266 100
 264 64.3 50.6 75.8
 268 65.4 49.1 73.7

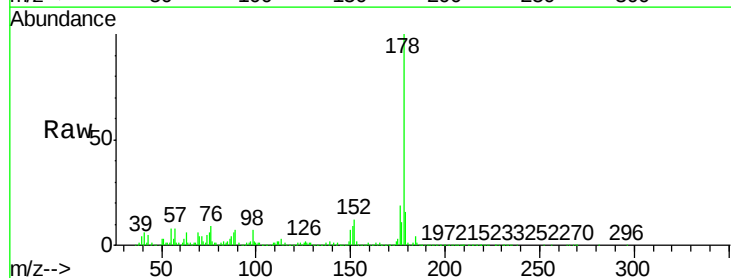


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

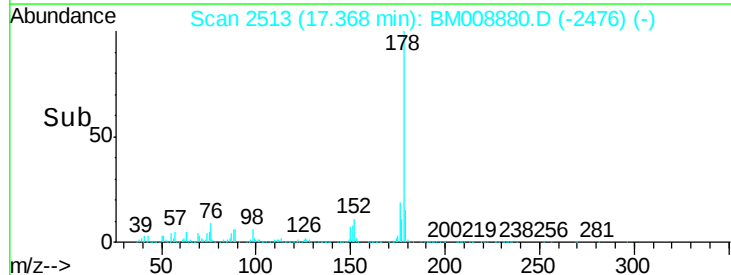
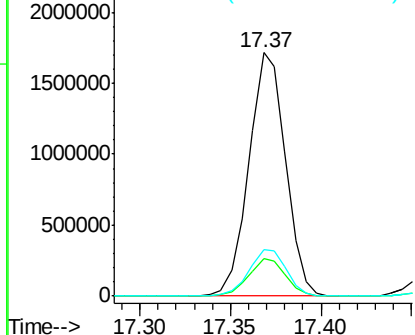


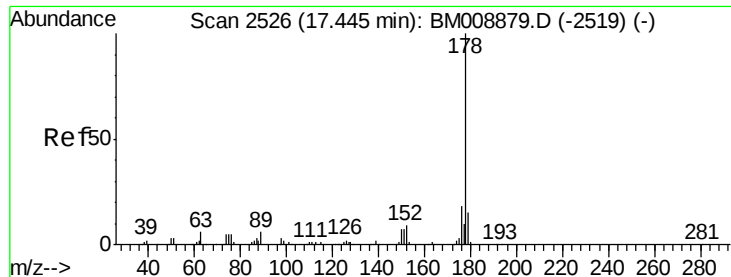
#69
 Phenanthrene
 Concen: 88.21 ng/ul
 RT: 17.37 min Scan# 2513
 Delta R.T. 0.02 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Tgt Ion:178 Resp: 2393807
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.2
 176 19.2 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

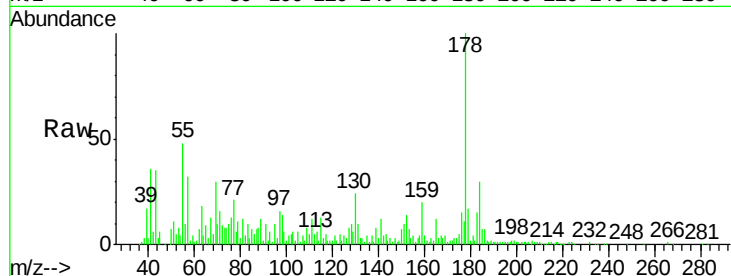




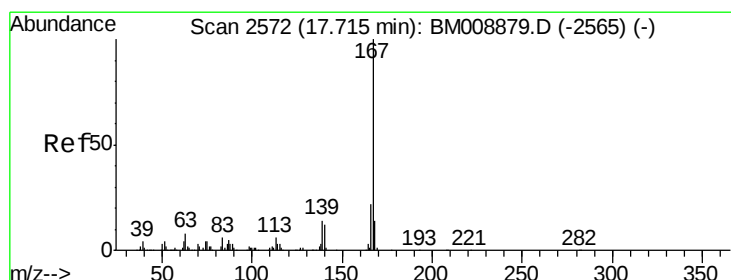
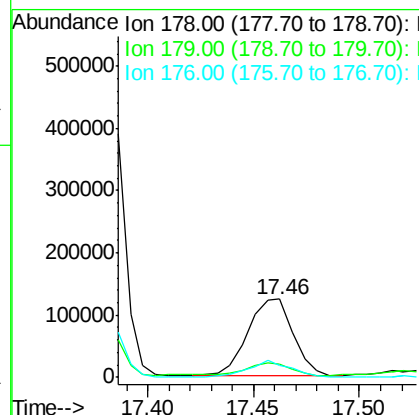
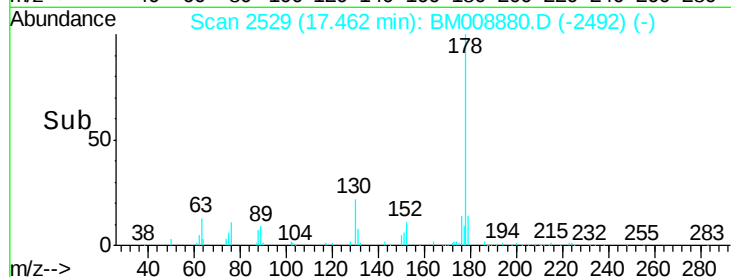
#71
 Anthracene
 Concen: 6.65 ng/ul
 RT: 17.46 min Scan# 2529
 Delta R.T. 0.02 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Instrument :
 BNA_M
 ClientSampleId :
 DA9R7RE

Tgt Ion:178 Resp: 184640
 Ion Ratio Lower Upper
 178 100
 179 16.8 11.8 17.8
 176 15.5 14.6 21.8

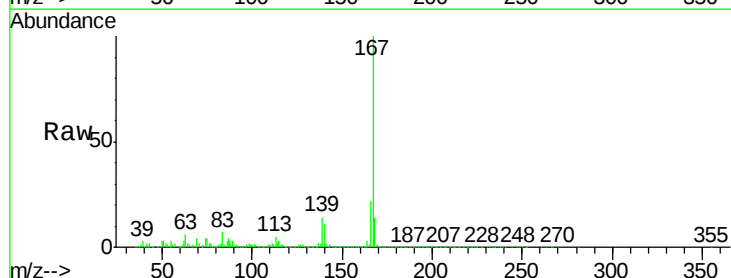


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

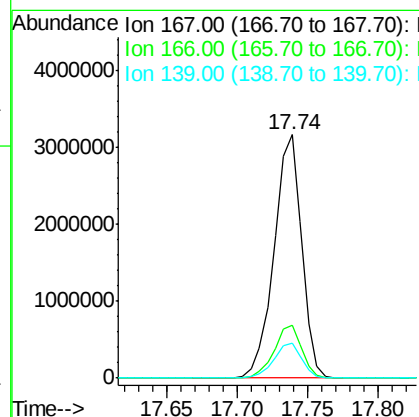
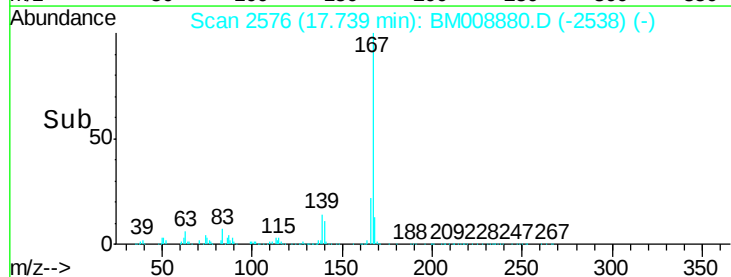


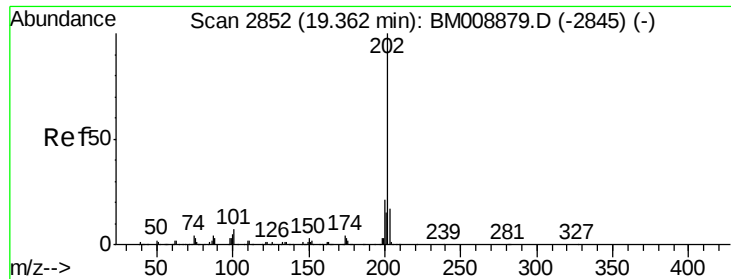
#72
 Carbazole
 Concen: 177.82 ng/ul
 RT: 17.74 min Scan# 2576
 Delta R.T. 0.02 min
 Lab File: BM008880.D
 Acq: 26 Jan 2017 18:00

Tgt Ion:167 Resp: 4328689
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.8 25.2
 139 14.3 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





#74

Fluoranthene

Concen: 4.12 ng/ul

RT: 19.37 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

Instrument :

BNA_M

ClientSampleId :

DA9R7RE

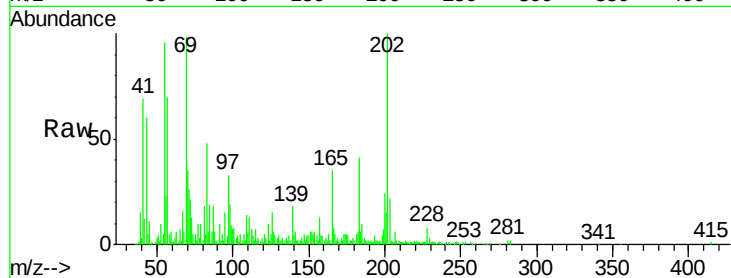
Tgt Ion:202 Resp: 145388

Ion Ratio Lower Upper

202 100

101 7.9 7.1 10.7

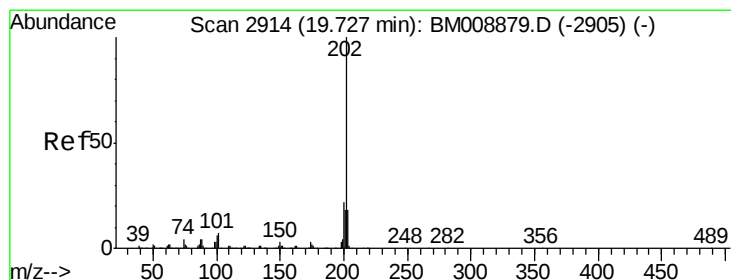
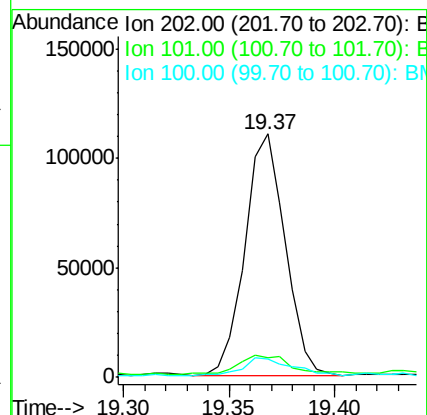
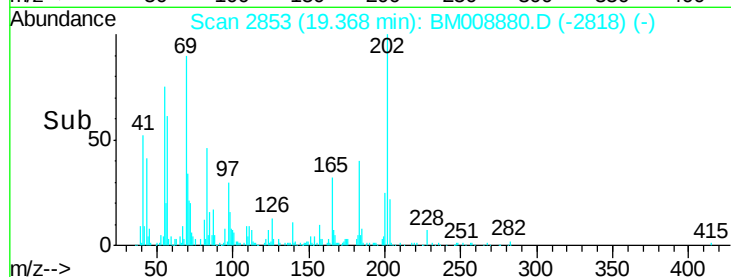
100 7.5 5.4 8.0



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: 1.92 ng/ul

RT: 19.73 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BM008880.D

Acq: 26 Jan 2017 18:00

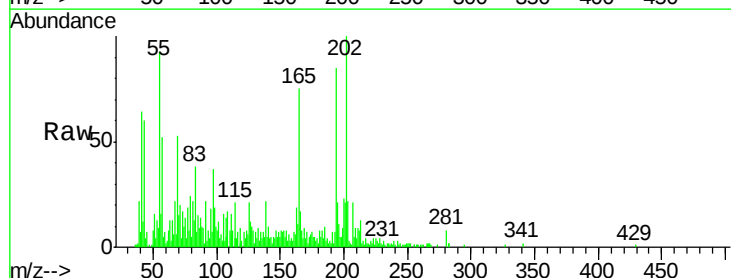
Tgt Ion:202 Resp: 60822

Ion Ratio Lower Upper

202 100

101 11.8 8.6 12.8

100 8.0 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

