

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008837.D
 Acq On : 24 Jan 2017 12:48
 Operator : UM/SJ
 Sample : I1320-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2808

Quant Time: Jan 24 13:53:56 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	70941	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	309878	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	254252	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	573279	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	649269	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	521690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	10837	7.55	ng/uL	0.00
5) Phenol-d5	7.09	99	249599	41.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	203249	42.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	170197	43.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	195399	41.53	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	84261	42.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	100388	41.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	209157	41.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	61669	11.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	715253	42.94	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	859073	43.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	112605	40.41	ng/ul	0.00
57) Fluorene-d10	15.57	176	662369	41.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	128166	37.55	ng/ul	0.00
70) Anthracene-d10	17.42	188	1131080	45.12	ng/ul	0.00
76) Pyrene-d10	19.70	212	1265498	44.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	984137	44.54	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	7.08	77	17024	3.44	ng/ul#	66
10) 2-Chlorophenol	7.50	128	195442	48.32	ng/ul#	64
12) 2,2'-oxybis(1-Chloropropan	8.47	45	631647	68.49	ng/ul#	90
14) Acetophenone	8.76	105	400336	46.42	ng/ul#	62
17) Hexachloroethane	9.02	117	56685	22.73	ng/ul	95
20) Nitrobenzene	9.15	77	638663	73.50	ng/ul#	82
23) 2-Nitrophenol	9.86	139	146401	58.88	ng/ul#	22
27) 2,4-Dichlorophenol	10.38	162	142957	29.01	ng/ul	94
28) Naphthalene	10.79	128	272681	19.06	ng/ul	99
33) 4-Chloro-3-methylphenol	12.01	107	364029	56.93	ng/ul#	82
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	184585	23.63	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.00	196	177990	37.75	ng/ul	93
40) 1,1'-Biphenyl	13.41	154	743422	47.31	ng/ul	98
42) 2-Nitroaniline	13.66	65	440070	71.72	ng/ul#	65
45) 2,6-Dinitrotoluene	14.15	165	157896	49.48	ng/ul#	57
47) Acenaphthylene	14.30	152	1222128	64.33	ng/ul	99
49) Acenaphthene	14.64	153	66007	4.94	ng/ul	96
52) 4-Nitrophenol	14.78	109	410427	71.45	ng/ul#	67
53) Dibenzofuran	14.97	168	492620	23.98	ng/ul	88
54) 2,4-Dinitrotoluene	14.94	165	289187	59.04	ng/ul#	70
56) Diethylphthalate	15.39	149	1025883	56.64	ng/ul	95
58) Fluorene	15.62	166	161770	9.42	ng/ul	97
64) N-Nitrosodiphenylamine	15.83	169	933730	64.39	ng/ul	99

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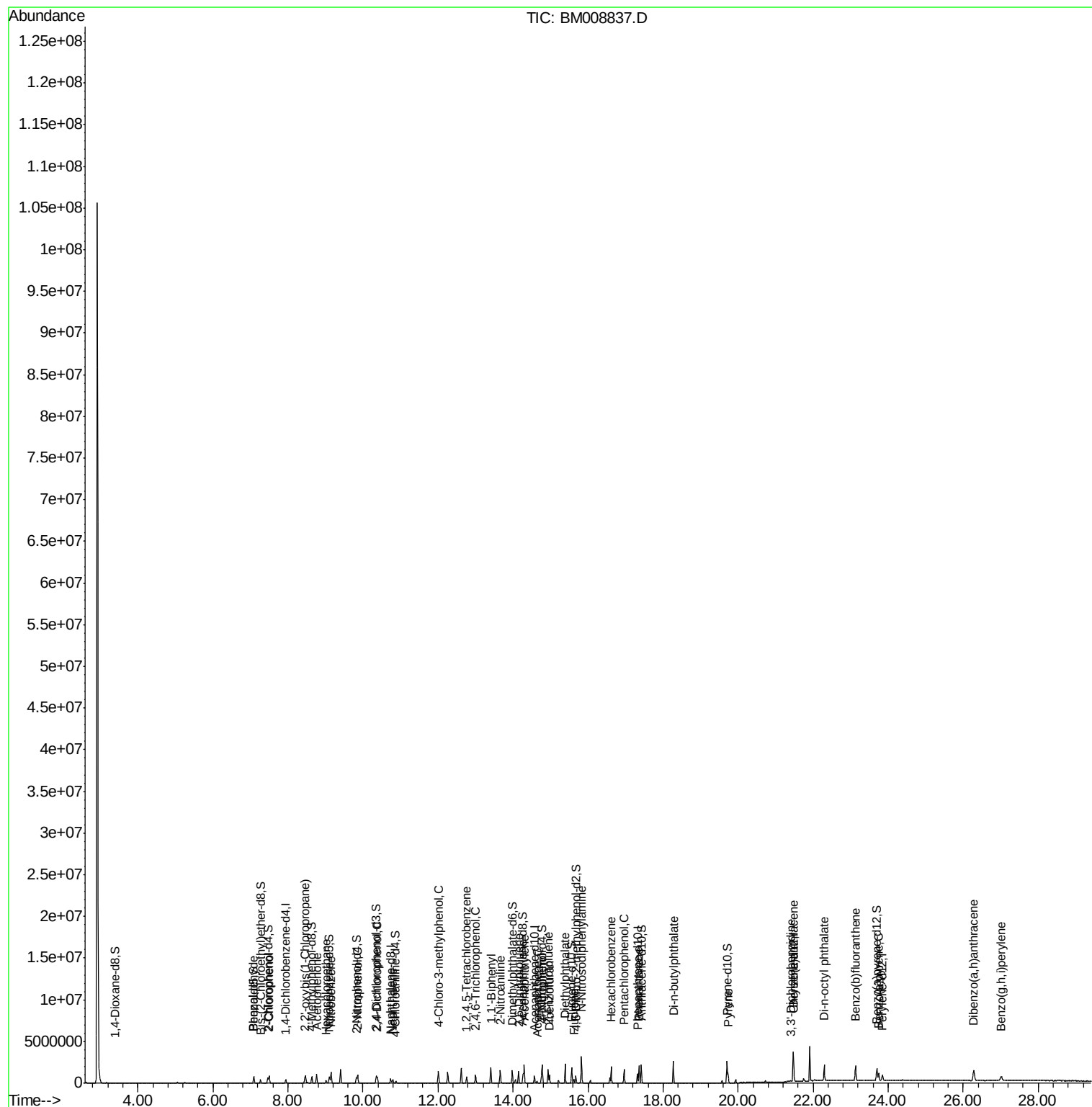
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) Hexachlorobenzene	16.62	284	330504	48.95	ng/ul	95
68) Pentachlorophenol	16.96	266	217987	49.19	ng/ul	96
69) Phenanthrene	17.36	178	1108813	39.27	ng/ul	98
73) Di-n-butylphthalate	18.27	149	1507528	49.48	ng/ul#	96
77) Pyrene	19.73	202	696977	20.01	ng/ul#	94
79) 3,3'-Dichlorobenzidine	21.40	252	28499	2.35	ng/ul#	86
80) Benzo(a)anthracene	21.47	228	1699669	48.68	ng/ul	99
84) Di-n-octyl phthalate	22.30	149	990846	32.73	ng/ul#	82
85) Benzo(b)fluoranthene	23.13	252	1204135	39.73	ng/ul#	97
88) Benzo(a)pyrene	23.74	252	659526	23.72	ng/ul#	98
90) Dibenzo(a,h)anthracene	26.29	278	1396683	57.81	ng/ul#	95
91) Benzo(g,h,i)perylene	27.01	276	708472	31.21	ng/ul#	93

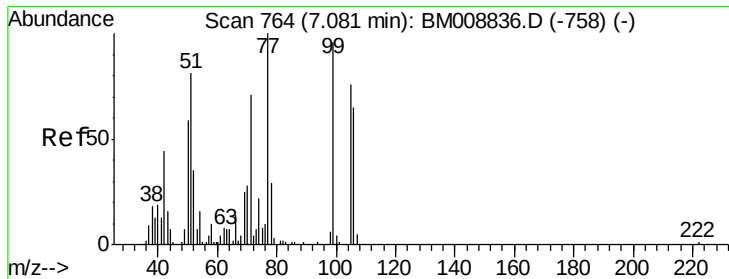
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 3.44 ng/ul

RT: 7.08 min Scan# 764

Delta R.T. 0.00 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

Instrument :

BNA_M

ClientSampleId :

X2808

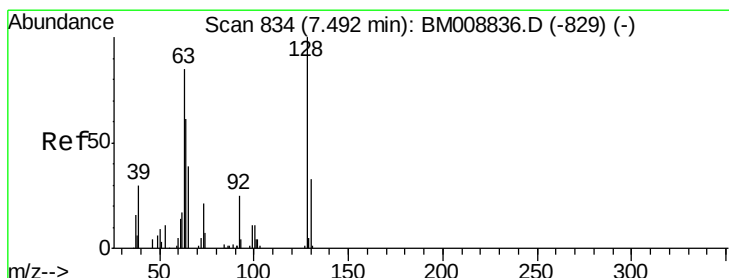
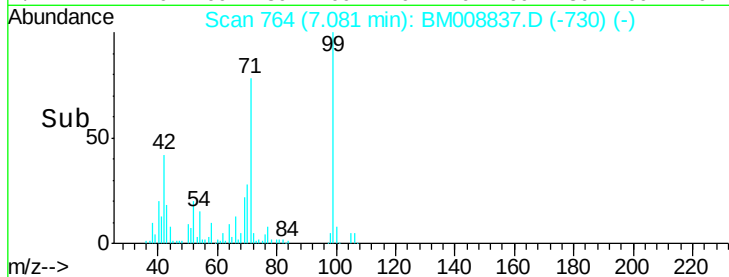
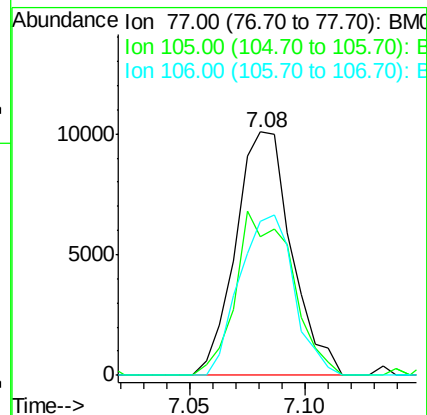
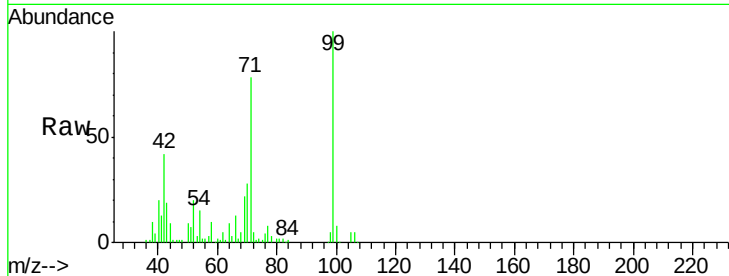
Tgt Ion: 77 Resp: 17024

Ion Ratio Lower Upper

77 100

105 56.8 76.5 114.7#

106 63.0 71.3 106.9#



#10

2-Chlorophenol

Concen: 48.32 ng/ul

RT: 7.50 min Scan# 835

Delta R.T. 0.00 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

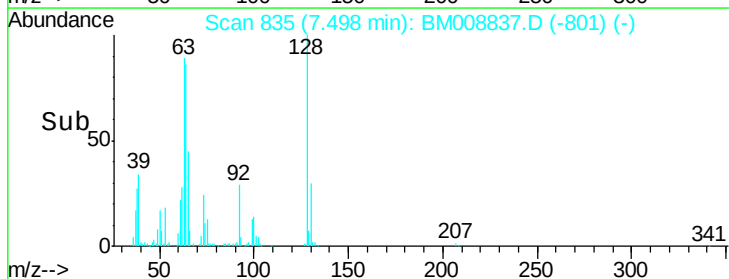
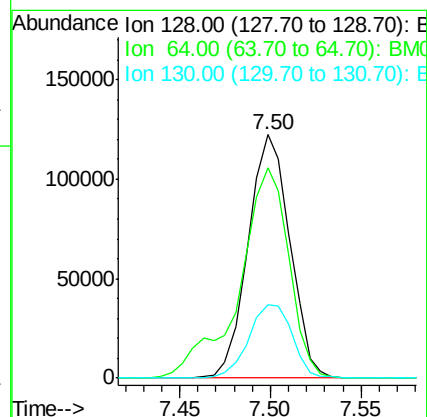
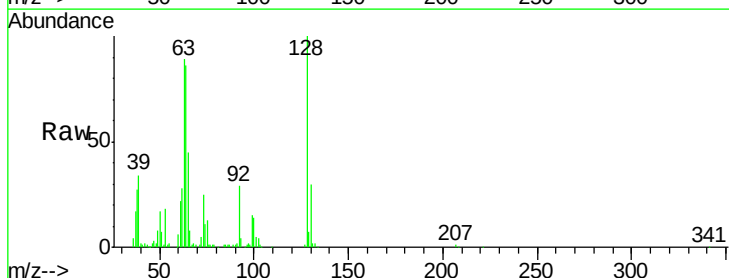
Tgt Ion: 128 Resp: 195442

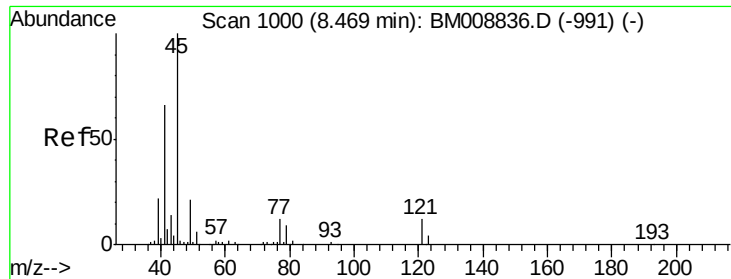
Ion Ratio Lower Upper

128 100

64 86.4 38.7 58.1#

130 30.0 26.9 40.3

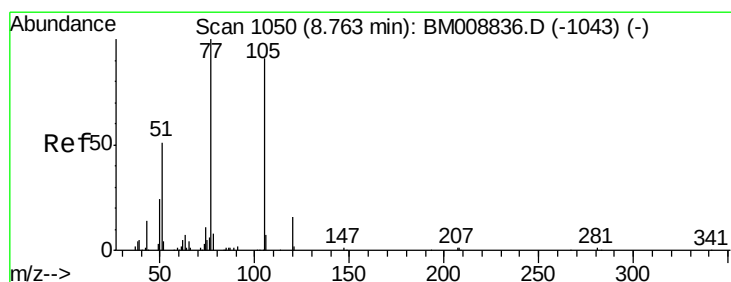
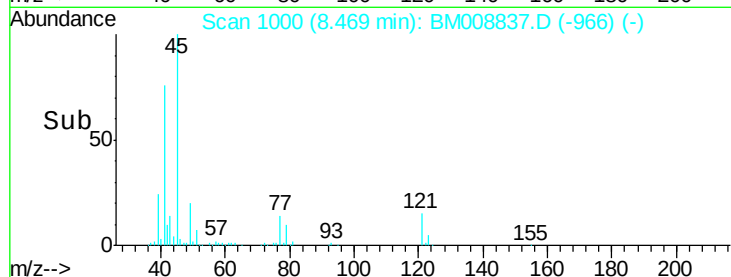
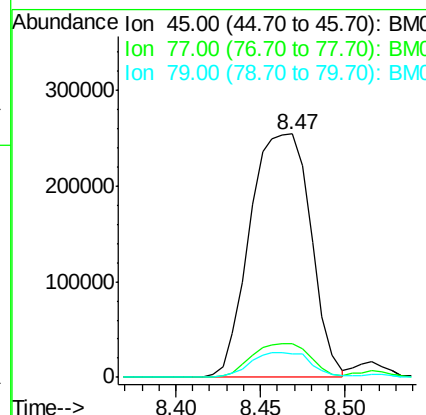
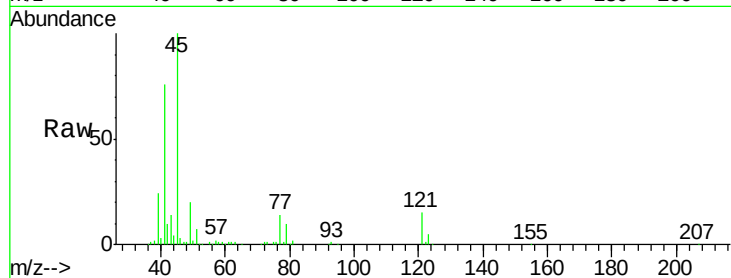




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 68.49 ng/ul
 RT: 8.47 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

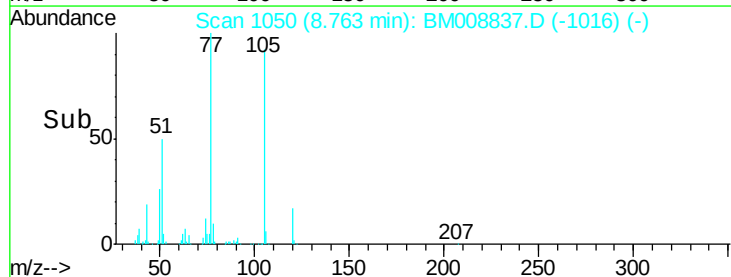
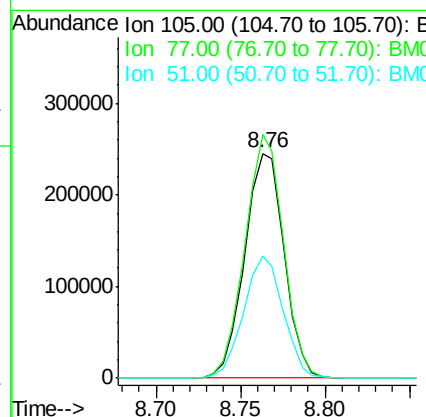
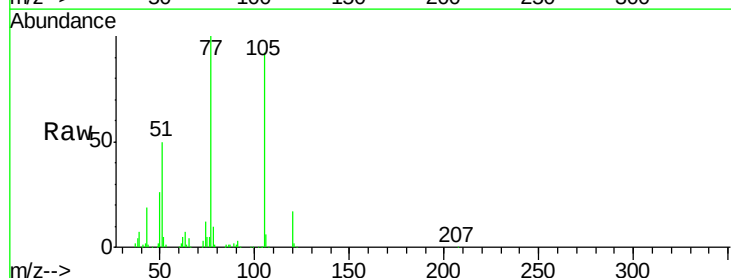
Instrument :
 BNA_M
 ClientSampleId :
 X2808

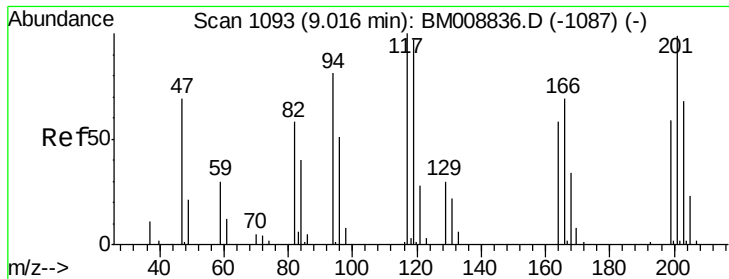
Tgt Ion: 45 Resp: 631647
 Ion Ratio Lower Upper
 45 100
 77 13.6 13.8 20.6#
 79 9.9 12.1 18.1#



#14
 Acetophenone
 Concen: 46.42 ng/ul
 RT: 8.76 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

Tgt Ion: 105 Resp: 400336
 Ion Ratio Lower Upper
 105 100
 77 108.4 64.2 96.4#
 51 54.2 19.8 29.6#

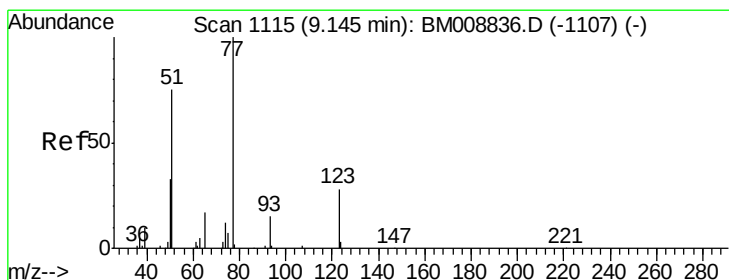
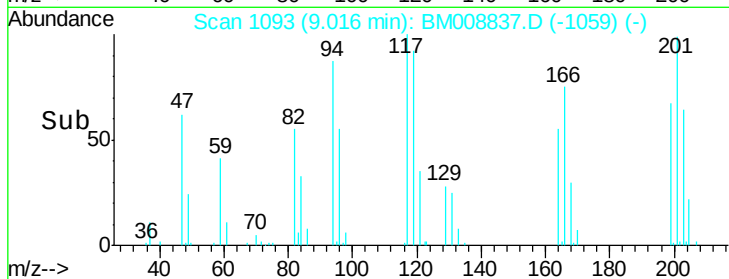
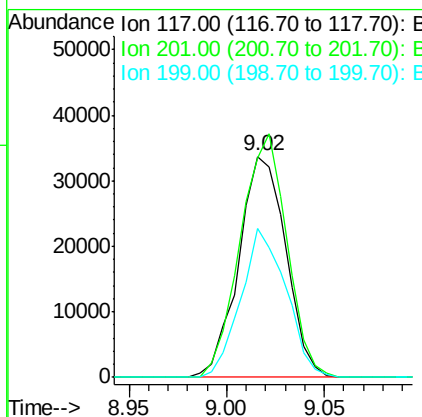
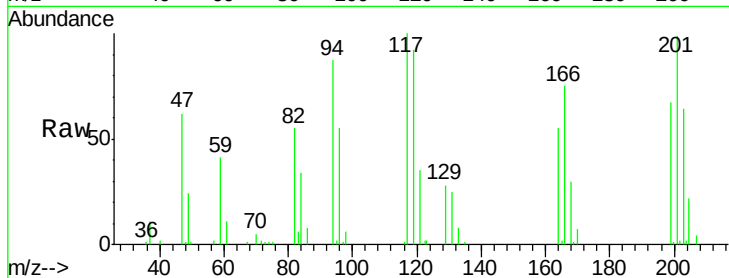




#17
Hexachloroethane
Concen: 22.73 ng/ul
RT: 9.02 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

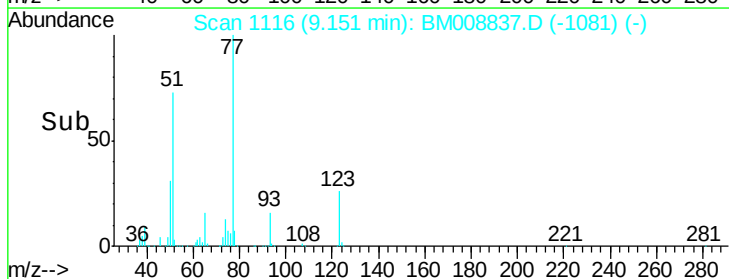
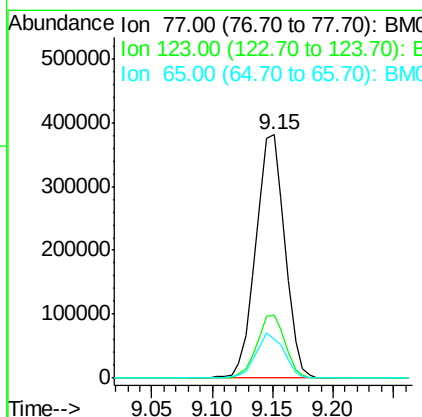
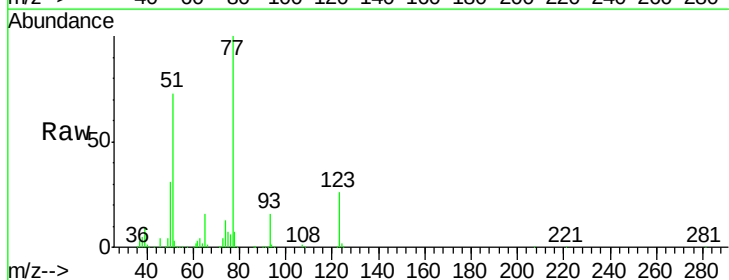
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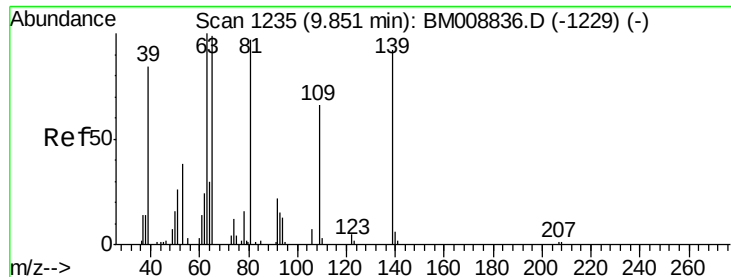
Tgt Ion: 117 Resp: 56685
Ion Ratio Lower Upper
117 100
201 98.9 85.4 128.2
199 68.5 54.1 81.1



#20
Nitrobenzene
Concen: 73.50 ng/ul
RT: 9.15 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Tgt Ion: 77 Resp: 638663
Ion Ratio Lower Upper
77 100
123 26.2 32.2 48.2#
65 16.1 11.0 16.6

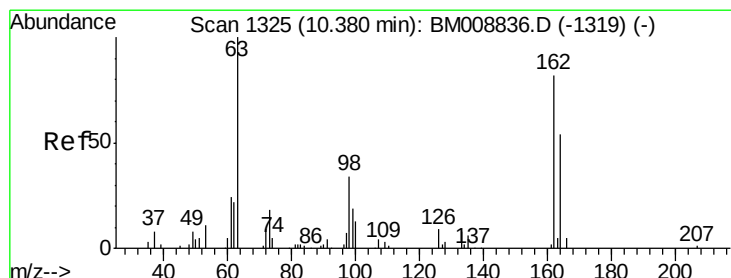
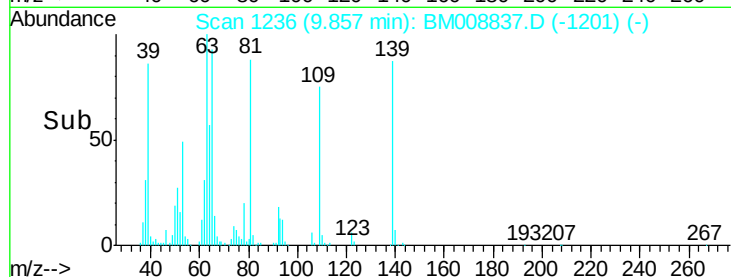
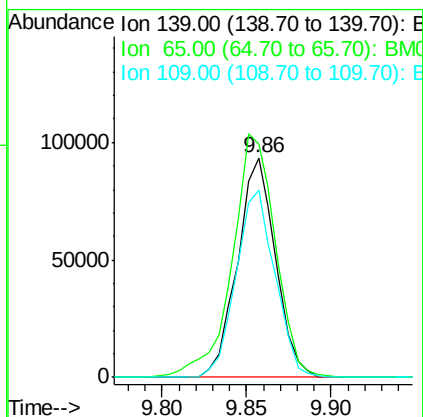
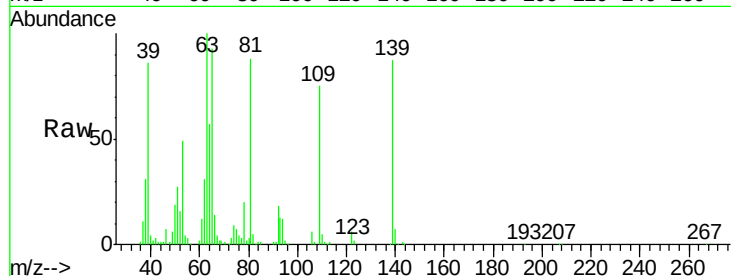




#23
 2-Nitrophenol
 Concen: 58.88 ng/ul
 RT: 9.86 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

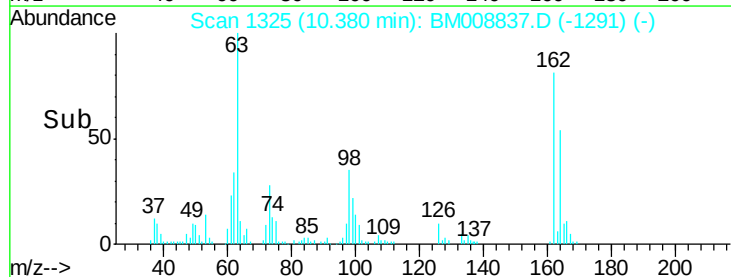
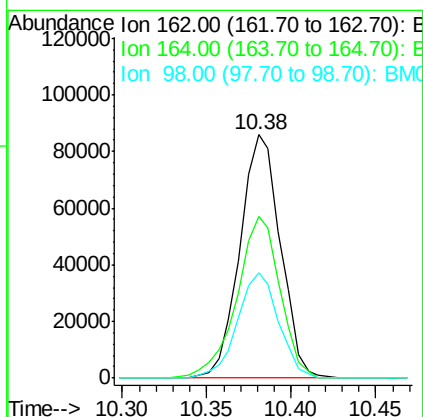
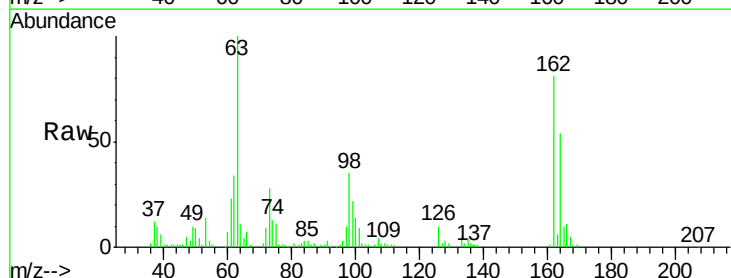
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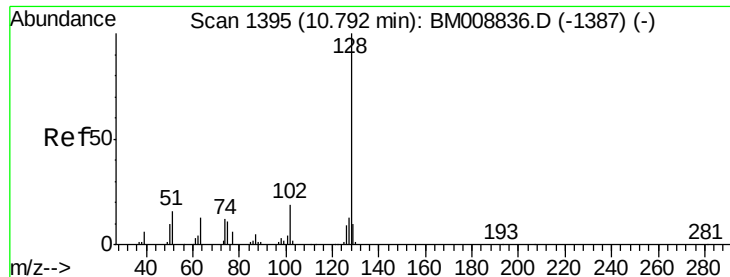
Tgt Ion:139 Resp: 146401
 Ion Ratio Lower Upper
 139 100
 65 106.6 42.3 63.5#
 109 85.4 29.7 44.5#



#27
 2,4-Dichlorophenol
 Concen: 29.01 ng/ul
 RT: 10.38 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

Tgt Ion:162 Resp: 142957
 Ion Ratio Lower Upper
 162 100
 164 66.5 50.8 76.2
 98 43.3 29.8 44.6

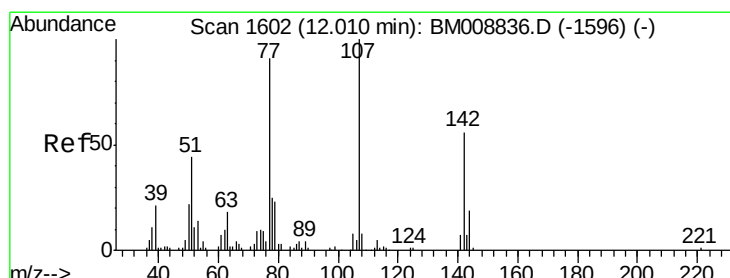
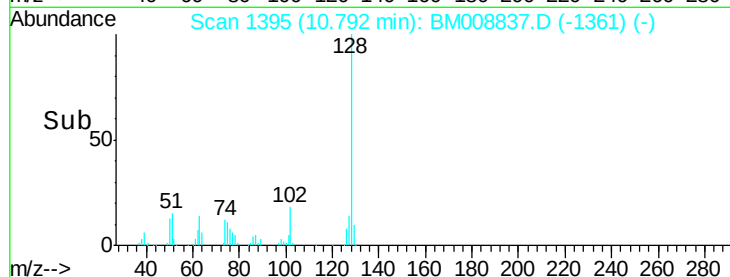
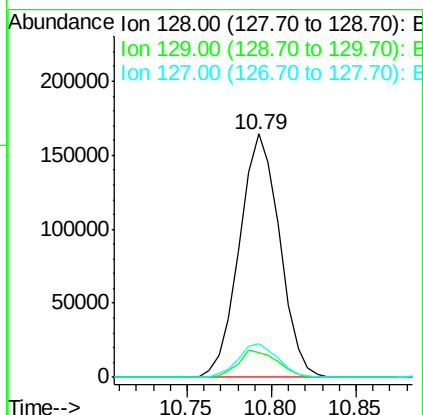
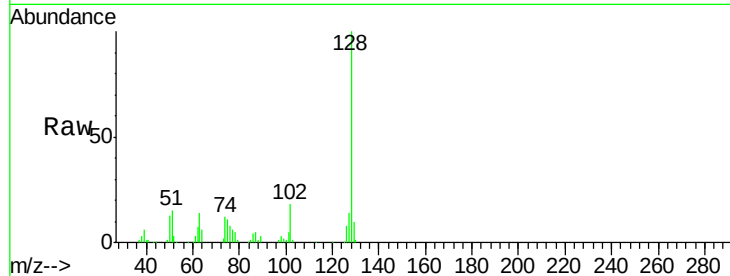




#28
Naphthalene
Concen: 19.06 ng/ul
RT: 10.79 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

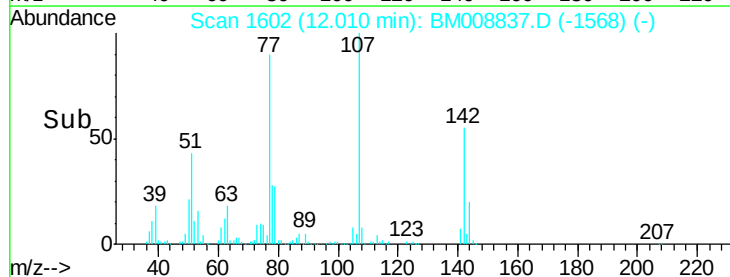
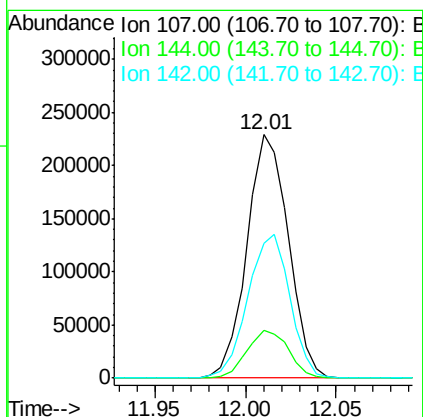
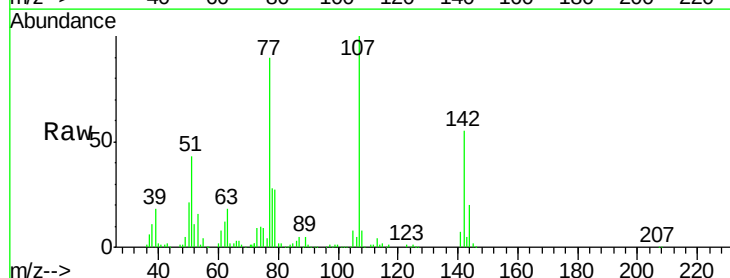
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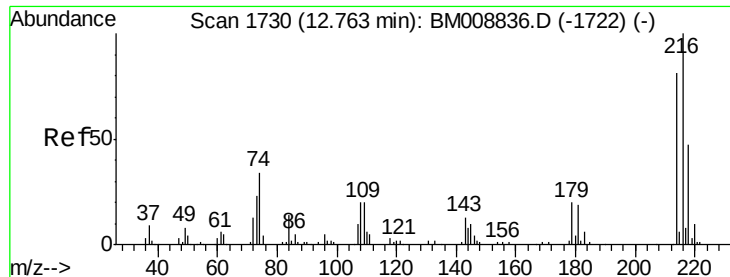
Tgt Ion:128 Resp: 272681
Ion Ratio Lower Upper
128 100
129 10.1 8.3 12.5
127 13.8 10.6 16.0



#33
4-Chloro-3-methylphenol
Concen: 56.93 ng/ul
RT: 12.01 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Tgt Ion:107 Resp: 364029
Ion Ratio Lower Upper
107 100
144 19.7 19.4 29.2
142 55.4 58.0 87.0#

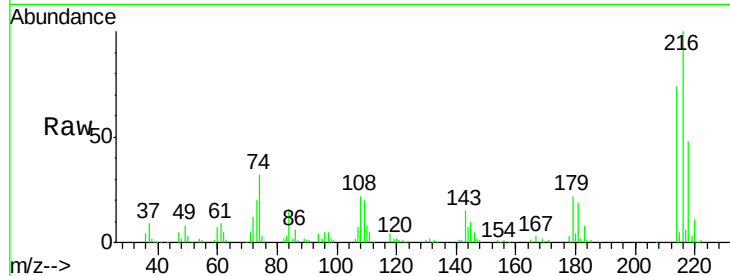




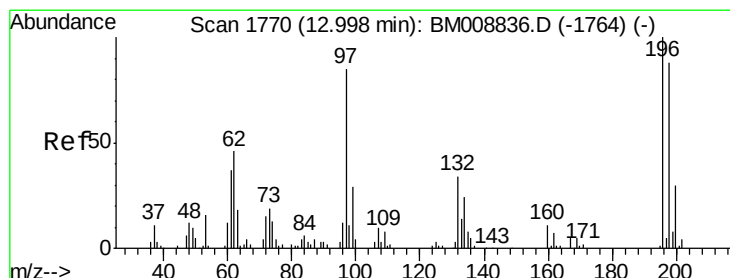
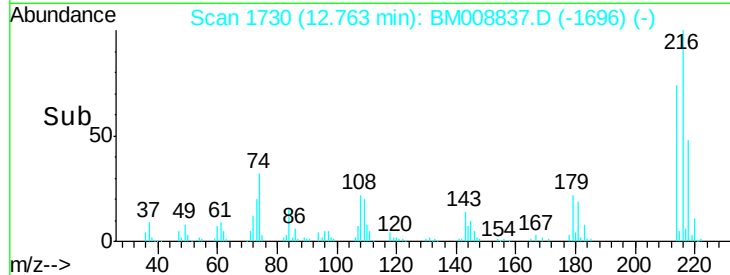
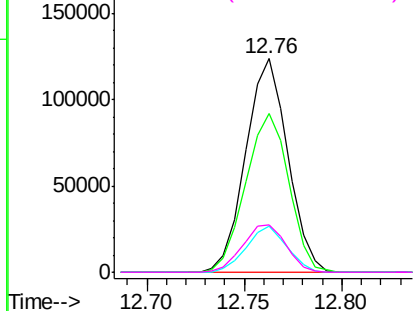
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.63 ng/ul
 RT: 12.76 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BM008837.D
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Instrument :
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Tgt Ion:216 Resp: 184585
 Ion Ratio Lower Upper
 216 100
 214 74.5 62.0 93.0
 179 21.7 16.2 24.4
 108 22.1 11.8 17.6#

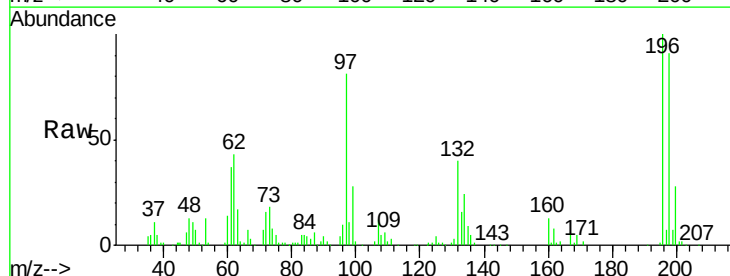


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

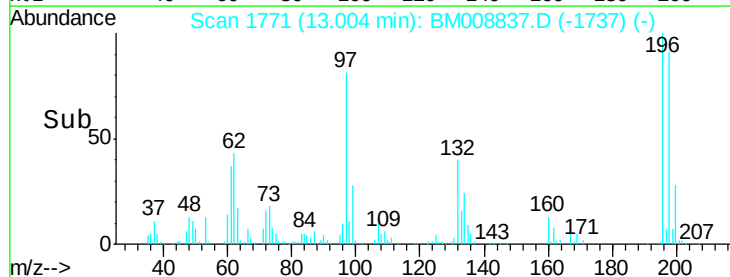
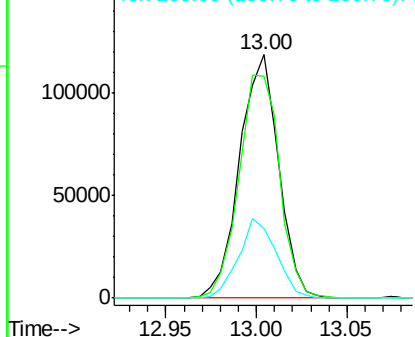


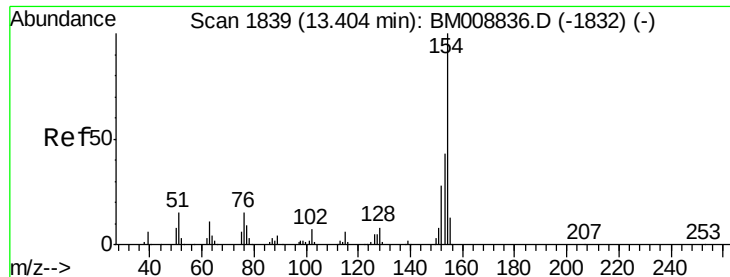
#38
 2,4,6-Trichlorophenol
 Concen: 37.75 ng/ul
 RT: 13.00 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

Tgt Ion:196 Resp: 177990
 Ion Ratio Lower Upper
 196 100
 198 91.0 78.8 118.2
 200 28.4 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

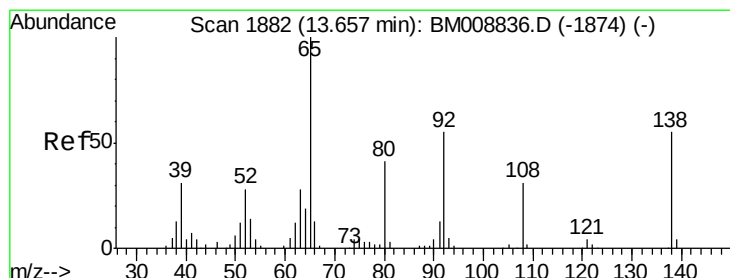
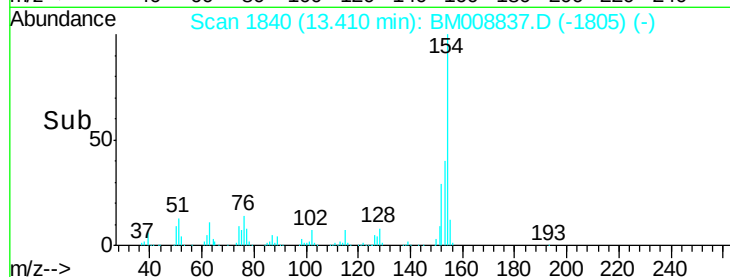
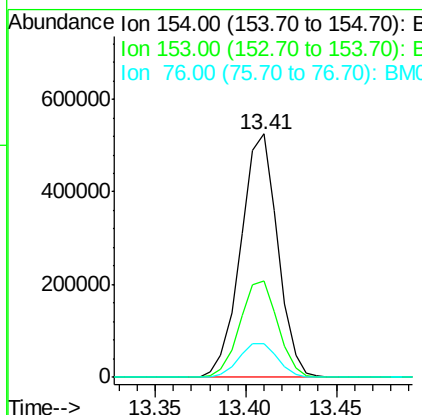
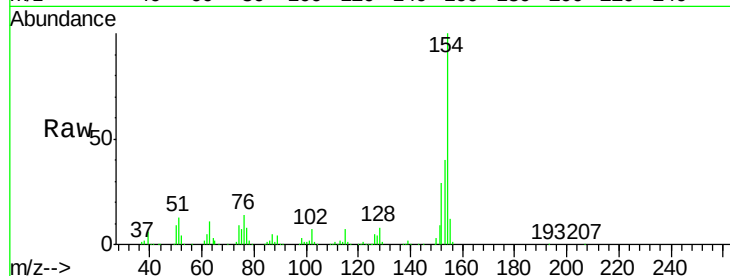




#40
1,1'-Biphenyl
Concen: 47.31 ng/ul
RT: 13.41 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

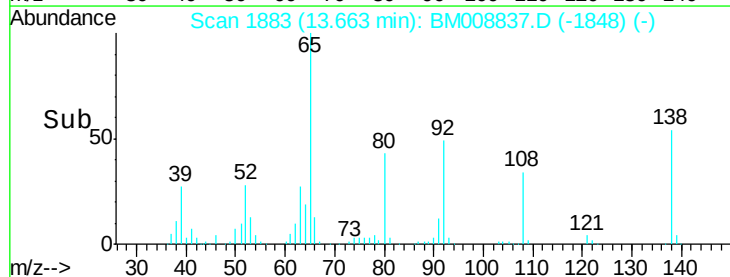
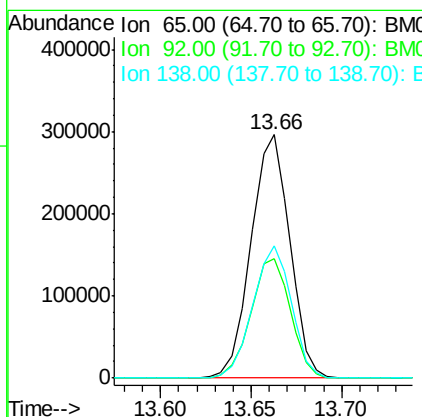
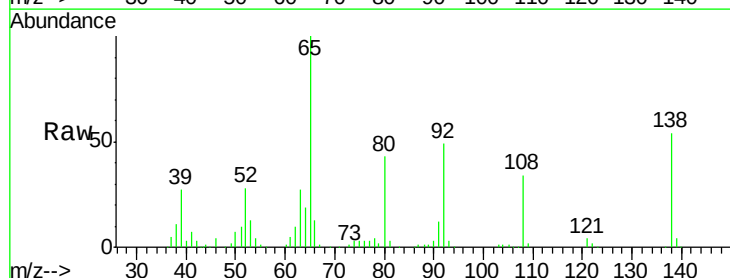
Instrument :
BNA_M
ClientSampleId :
X2808

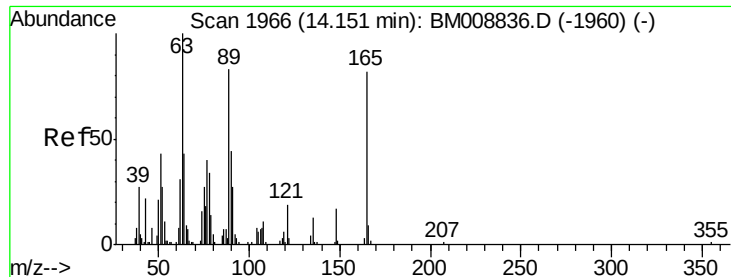
Tgt Ion: 154 Resp: 743422
Ion Ratio Lower Upper
154 100
153 39.7 32.2 48.4
76 14.0 9.8 14.6



#42
2-Nitroaniline
Concen: 71.72 ng/ul
RT: 13.66 min Scan# 1883
Delta R.T. 0.01 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Tgt Ion: 65 Resp: 440070
Ion Ratio Lower Upper
65 100
92 49.3 55.0 82.6#
138 54.2 76.6 114.8#

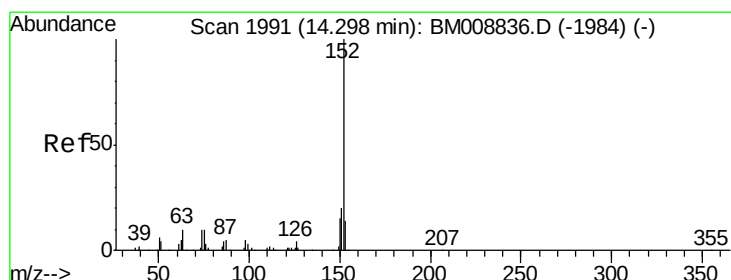
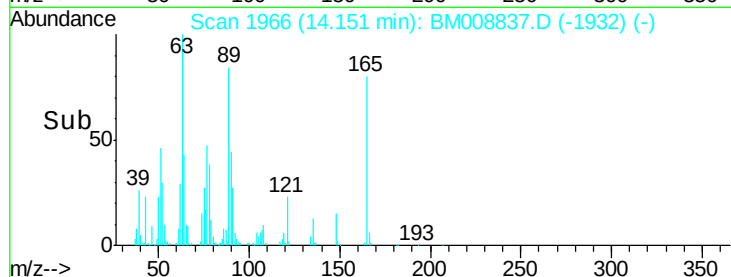
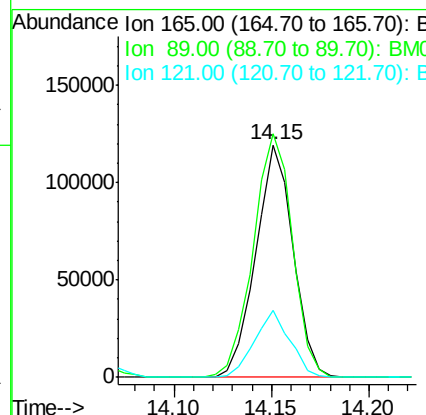
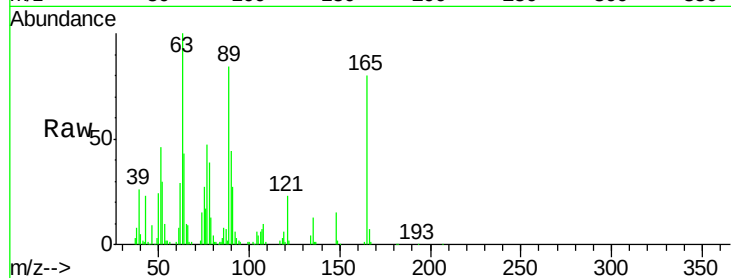




#45
2,6-Dinitrotoluene
Concen: 49.48 ng/ul
RT: 14.15 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

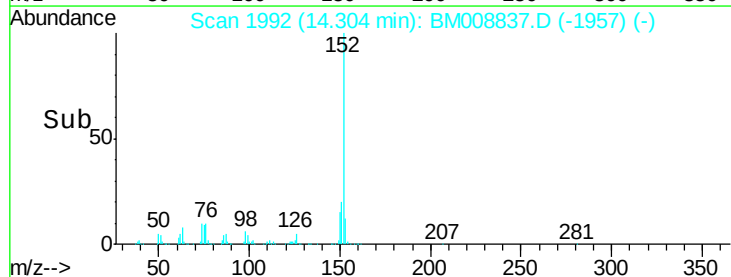
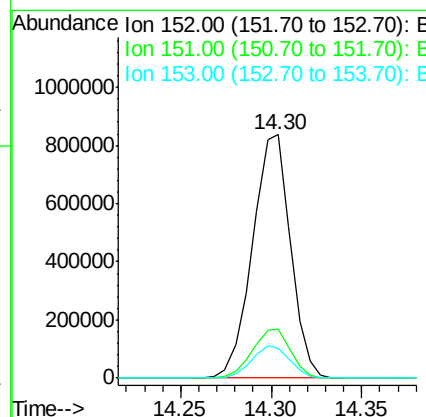
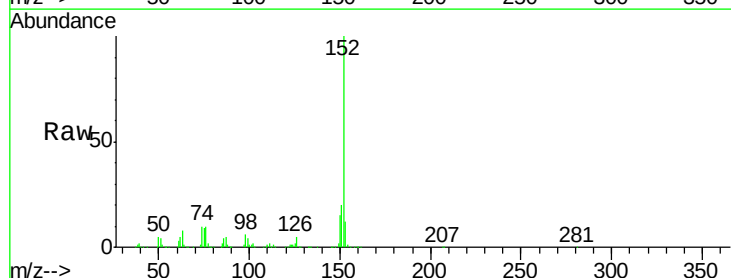
Instrument :
BNA_M
ClientSampleId :
X2808

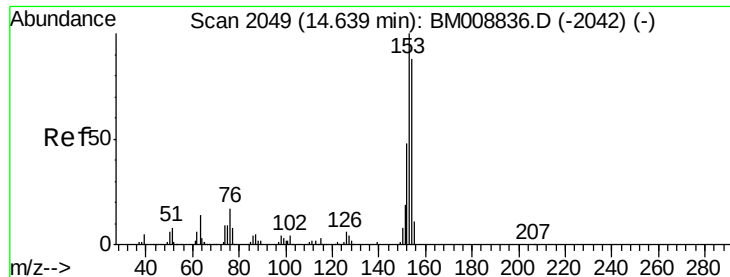
Tgt Ion:165 Resp: 157896
Ion Ratio Lower Upper
165 100
89 104.9 50.6 76.0#
121 28.6 18.2 27.2#



#47
Acenaphthylene
Concen: 64.33 ng/ul
RT: 14.30 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Tgt Ion:152 Resp: 1222128
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 12.3 10.4 15.6





#49

Acenaphthene

Concen: 4.94 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

Instrument :

BNA_M

ClientSampleId :

X2808

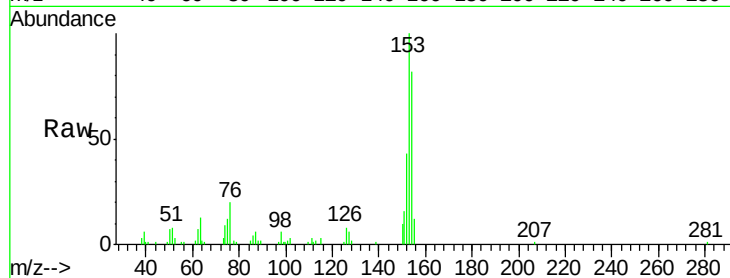
Tgt Ion:153 Resp: 66007

Ion Ratio Lower Upper

153 100

152 43.0 36.4 54.6

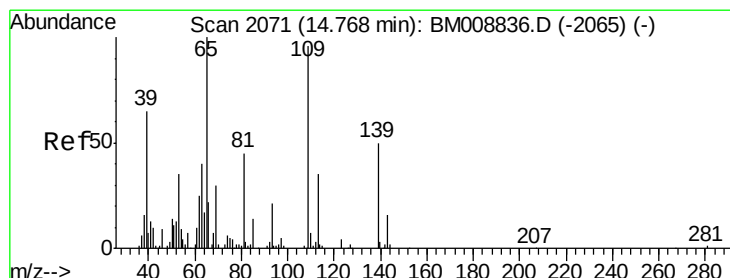
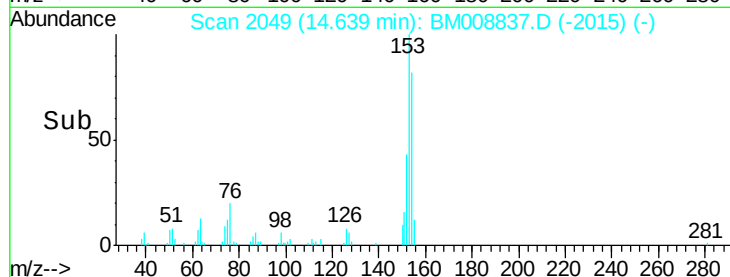
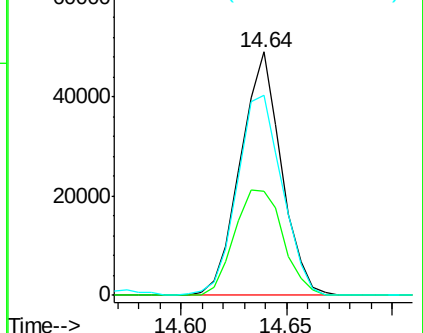
154 82.2 68.7 103.1



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



#52

4-Nitrophenol

Concen: 71.45 ng/ul

RT: 14.78 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

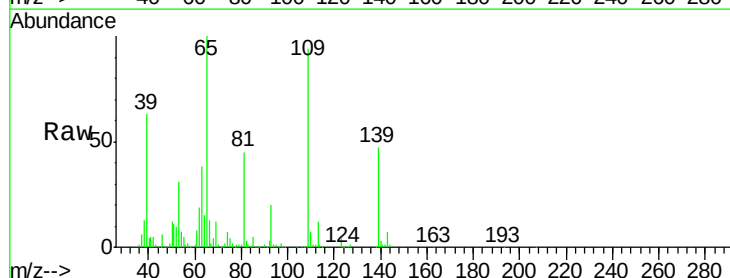
Tgt Ion:109 Resp: 410427

Ion Ratio Lower Upper

109 100

139 50.0 85.4 128.2#

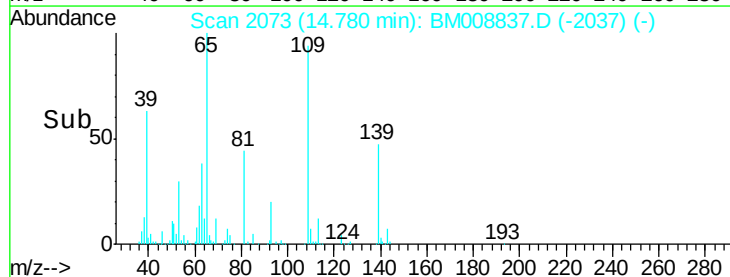
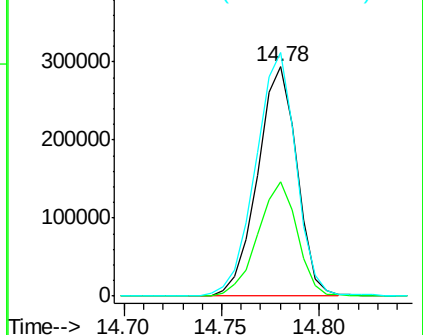
65 106.2 97.7 146.5

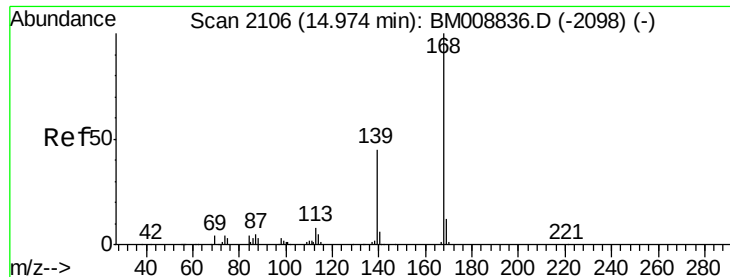


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM





#53

Dibenzofuran

Concen: 23.98 ng/ul

RT: 14.97 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

Instrument :

BNA_M

ClientSampleId :

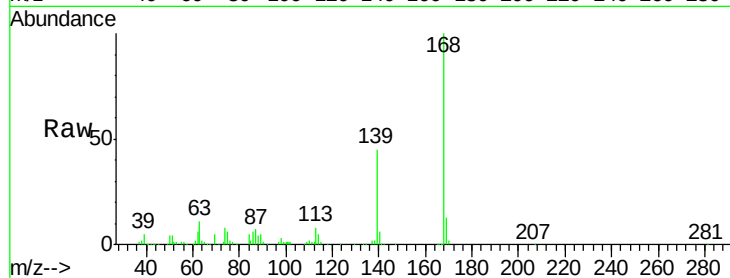
X2808

Tgt Ion:168 Resp: 492620

Ion Ratio Lower Upper

168 100

139 45.4 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

400000

300000

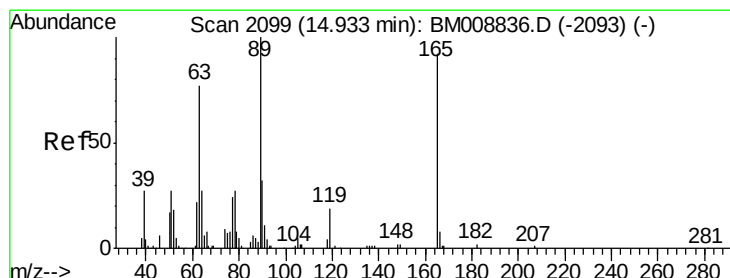
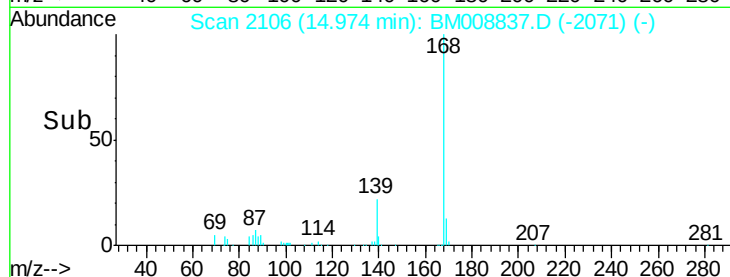
200000

100000

0

14.90 14.95 15.00

Time-->



#54

2,4-Dinitrotoluene

Concen: 59.04 ng/ul

RT: 14.94 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

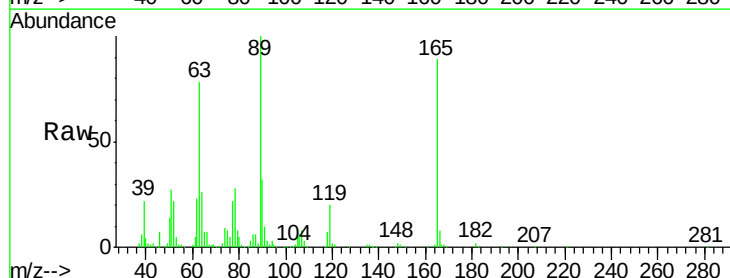
Tgt Ion:165 Resp: 289187

Ion Ratio Lower Upper

165 100

63 87.6 50.6 76.0#

182 2.4 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

250000

200000

150000

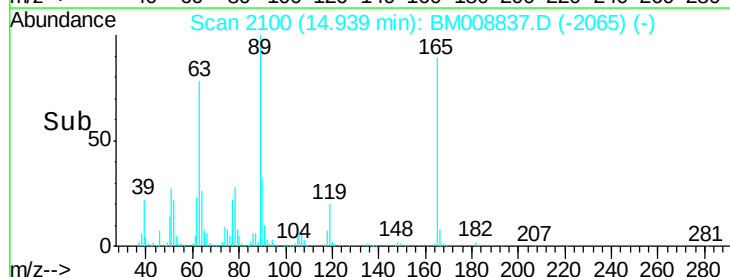
100000

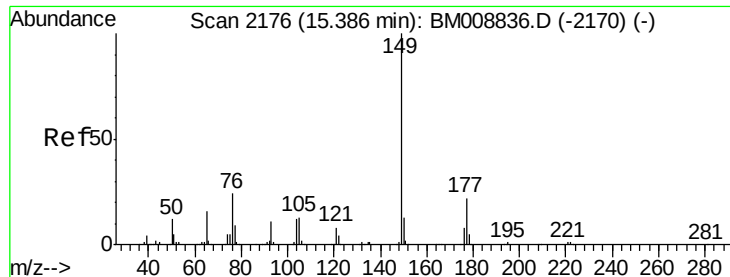
50000

0

14.90 14.95

Time-->

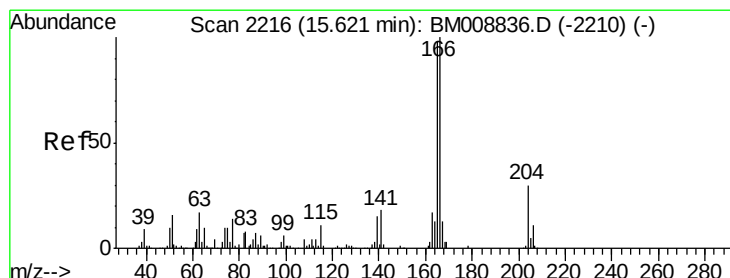
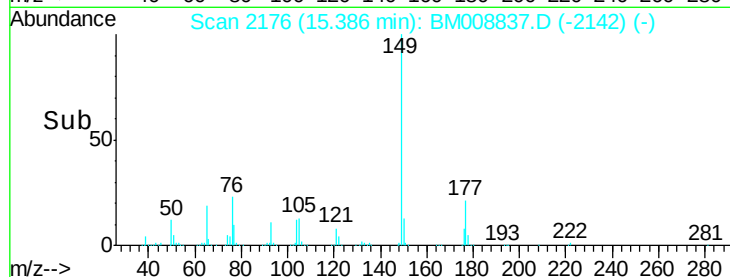
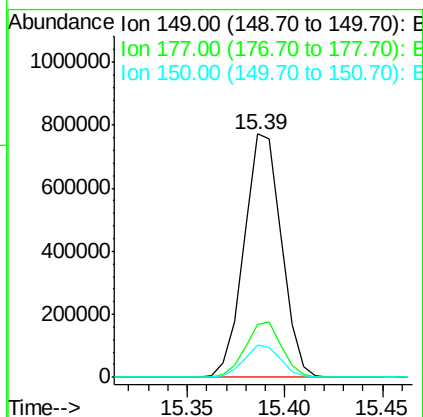
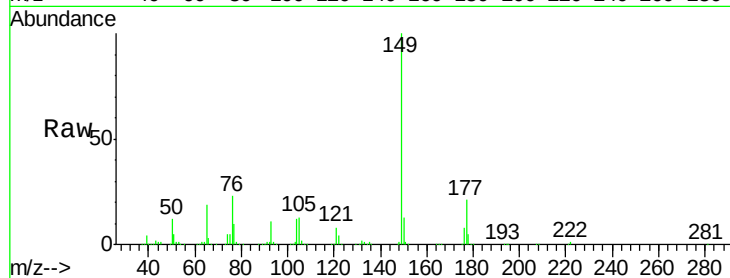




#56
Diethylphthalate
Concen: 56.64 ng/ul
RT: 15.39 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

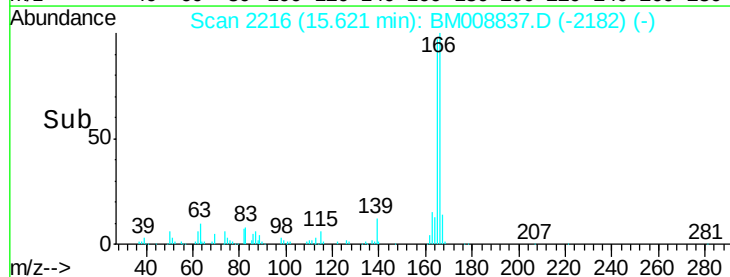
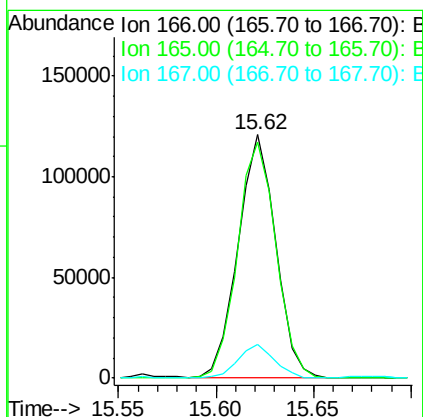
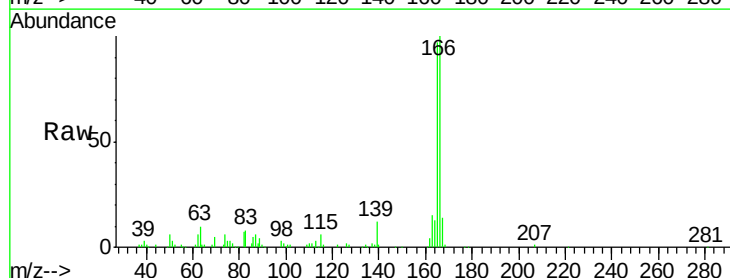
Instrument :
BNA_M
ClientSampleId :
X2808

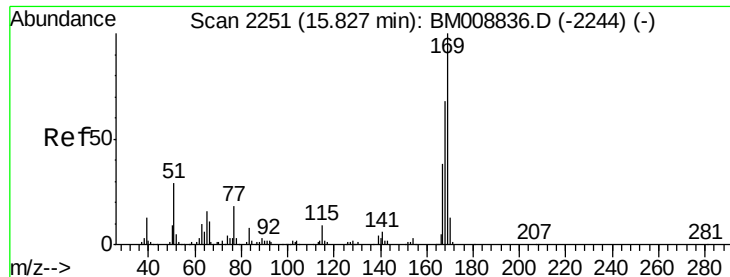
Tgt Ion:149 Resp: 1025883
Ion Ratio Lower Upper
149 100
177 21.5 19.7 29.5
150 13.2 10.0 15.0



#58
Fluorene
Concen: 9.42 ng/ul
RT: 15.62 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Tgt Ion:166 Resp: 161770
Ion Ratio Lower Upper
166 100
165 96.7 80.2 120.2
167 14.0 10.9 16.3





#64

N-Nitrosodiphenylamine

Concen: 64.39 ng/ul

RT: 15.83 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

Instrument :

BNA_M

ClientSampled :

X2808

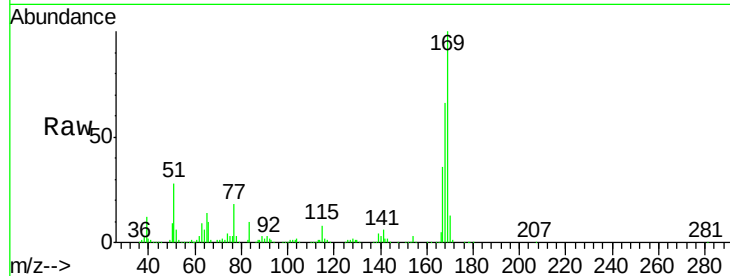
Tgt Ion:169 Resp: 933730

Ion Ratio Lower Upper

169 100

168 65.7 53.1 79.7

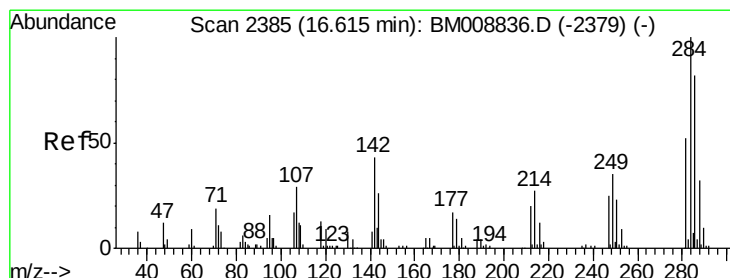
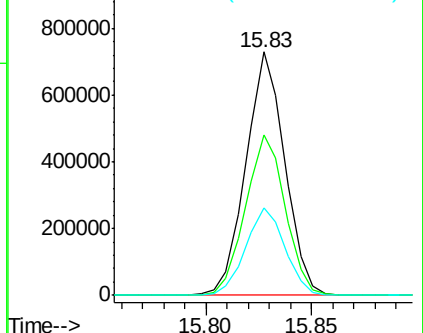
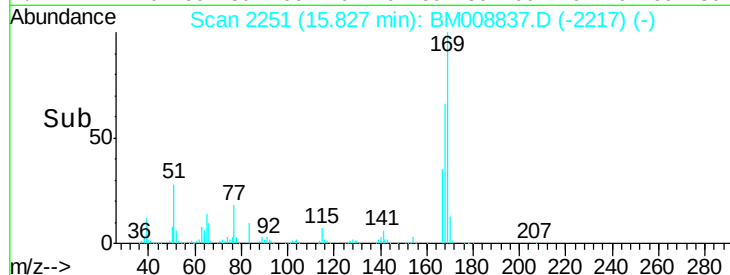
167 36.1 28.6 43.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

Hexachlorobenzene

Concen: 48.95 ng/ul

RT: 16.62 min Scan# 2386

Delta R.T. 0.01 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

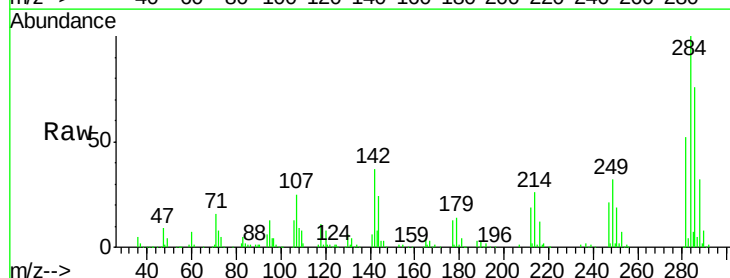
Tgt Ion:284 Resp: 330504

Ion Ratio Lower Upper

284 100

142 36.5 26.2 39.2

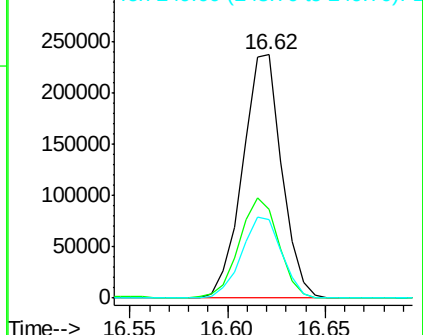
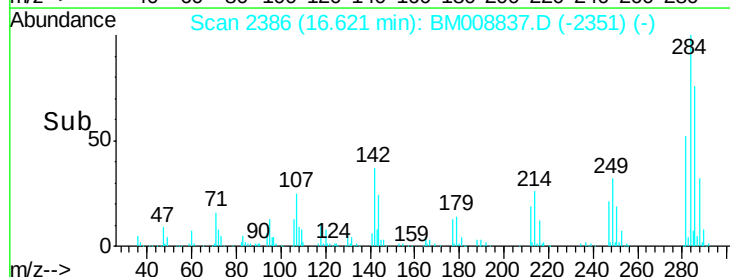
249 32.0 24.6 36.8

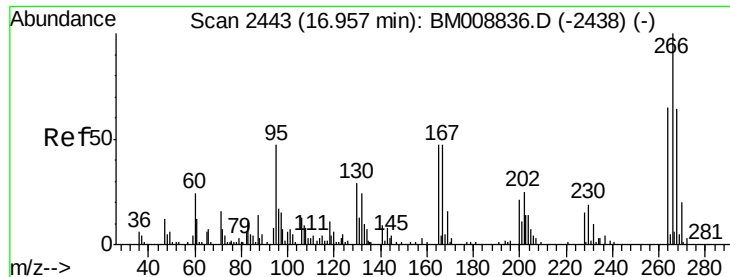


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

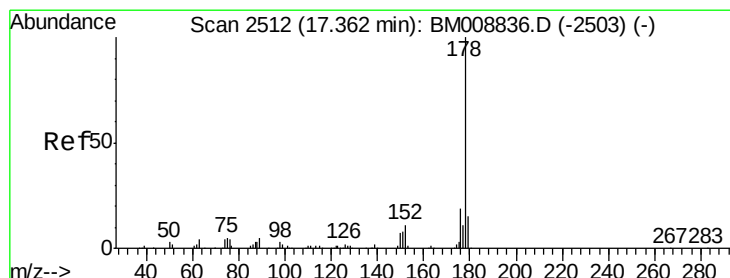
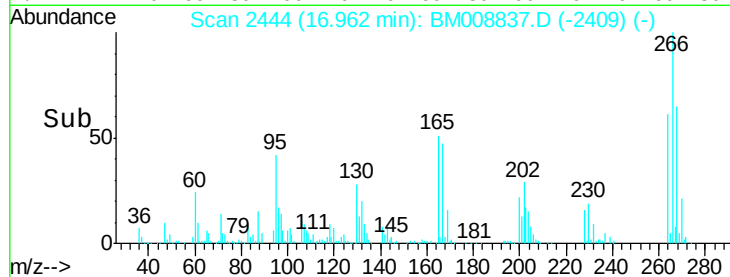
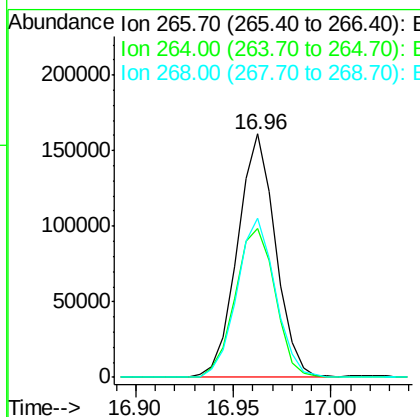
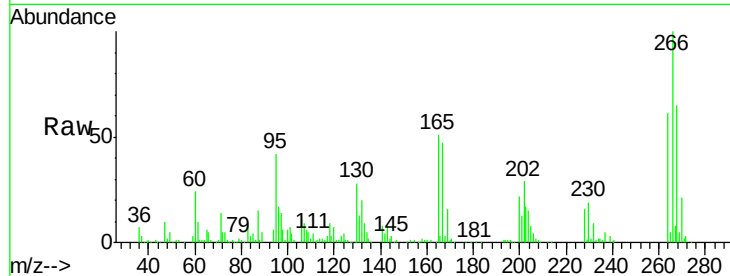




#68
 Pentachlorophenol
 Concen: 49.19 ng/ul
 RT: 16.96 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

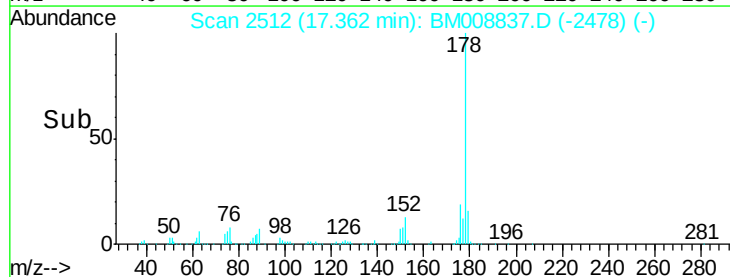
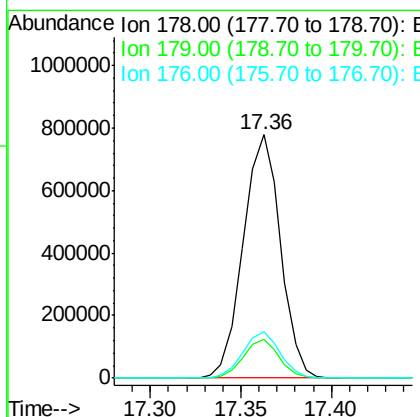
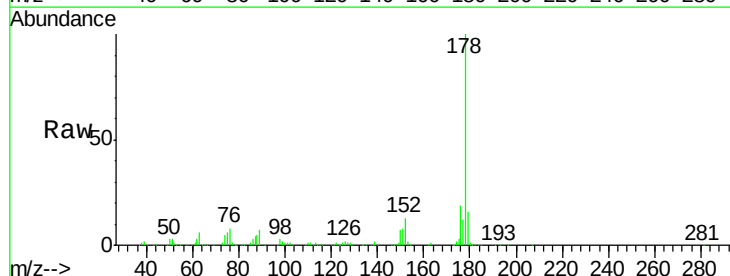
Instrument :
 BNA_M
 ClientSampleId :
 X2808

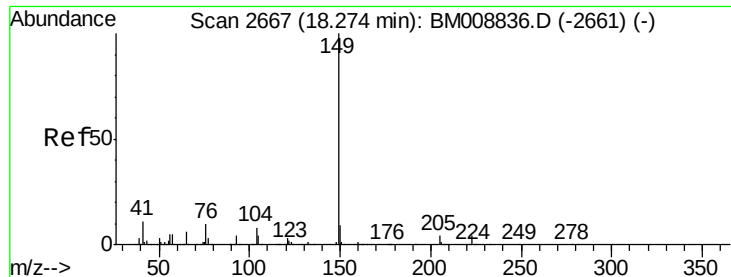
Tgt Ion:266 Resp: 217987
 Ion Ratio Lower Upper
 266 100
 264 61.1 50.6 75.8
 268 65.3 49.1 73.7



#69
 Phenanthrene
 Concen: 39.27 ng/ul
 RT: 17.36 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

Tgt Ion:178 Resp: 1108813
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.2 18.2
 176 19.3 14.7 22.1

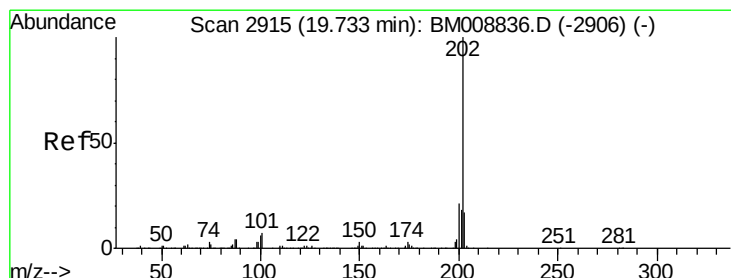
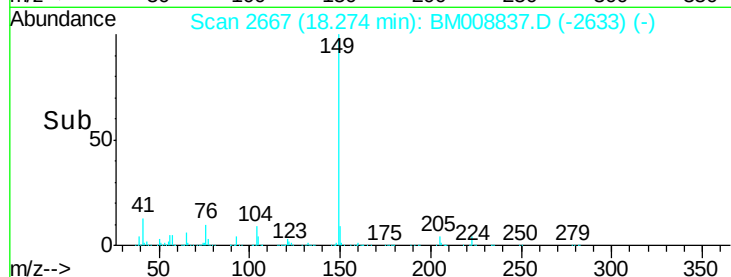
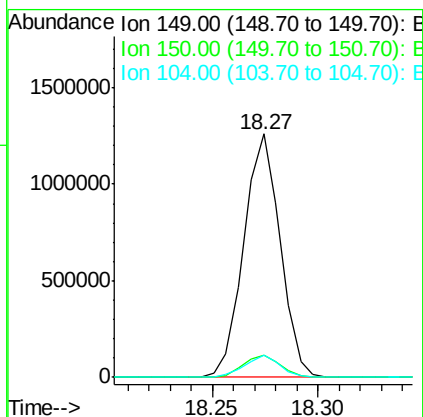
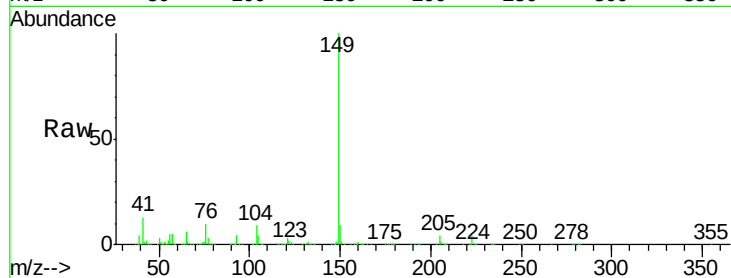




#73
Di-n-butylphthalate
Concen: 49.48 ng/ul
RT: 18.27 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

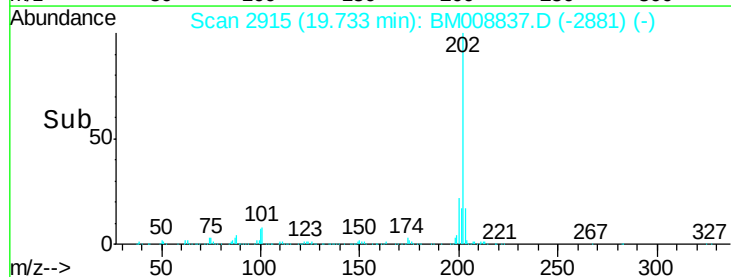
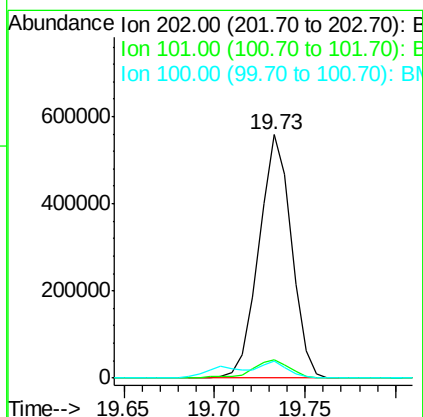
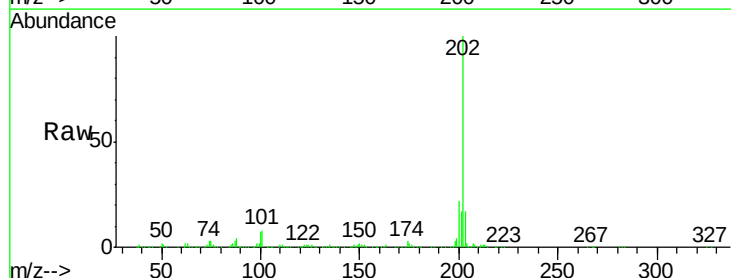
Instrument :
BNA_M
ClientSampleId :
X2808

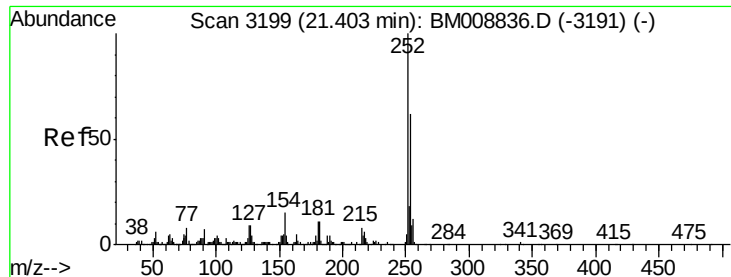
Tgt Ion:149 Resp: 1507528
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 9.0 4.5 6.7#



#77
Pyrene
Concen: 20.01 ng/ul
RT: 19.73 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Tgt Ion:202 Resp: 696977
Ion Ratio Lower Upper
202 100
101 7.6 8.6 12.8#
100 6.9 6.5 9.7

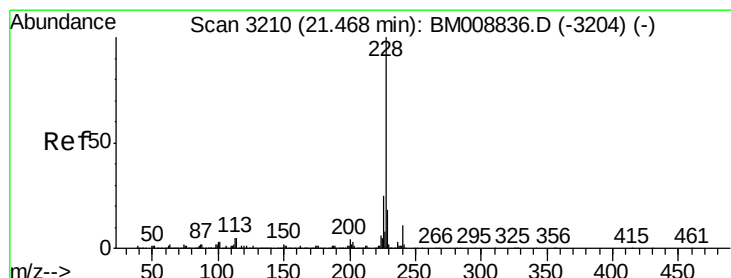
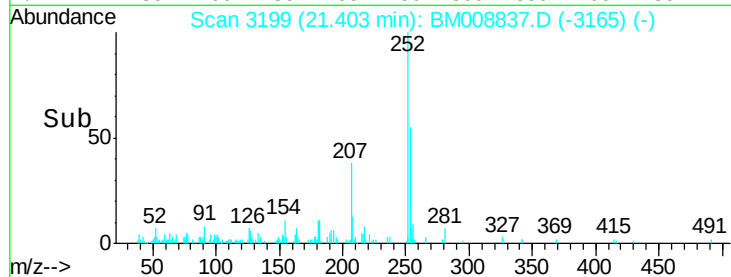
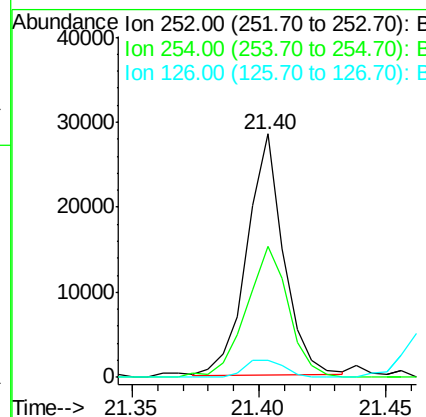
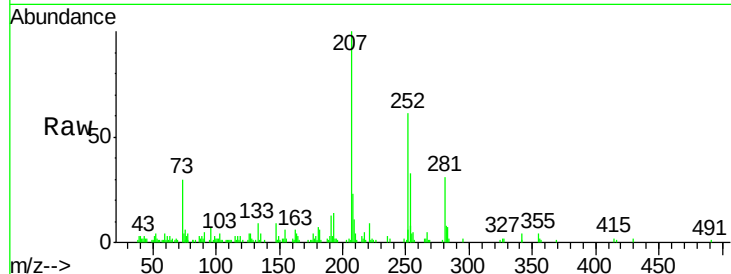




#79
 3,3'-Dichlorobenzidine
 Concen: 2.35 ng/ul
 RT: 21.40 min Scan# 3199
 Delta R.T. 0.00 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

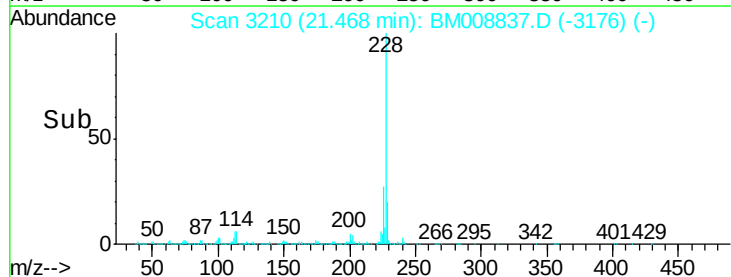
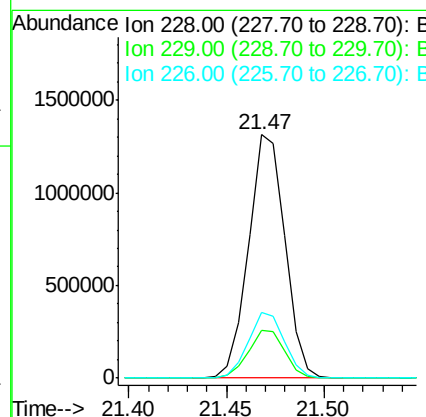
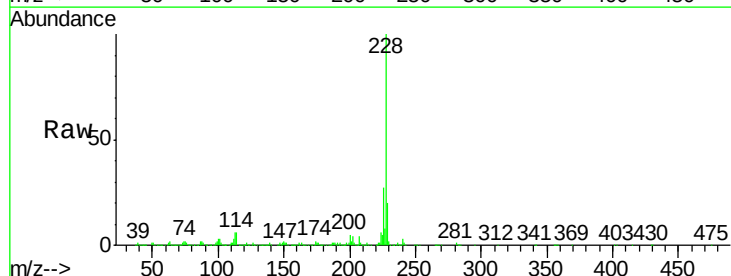
Instrument :
 BNA_M
 ClientSampled :
 X2808

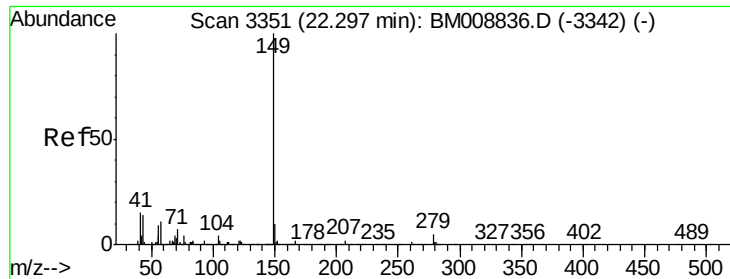
Tgt Ion:252 Resp: 28499
 Ion Ratio Lower Upper
 252 100
 254 53.9 52.4 78.6
 126 6.8 7.4 11.2#



#80
 Benzo(a)anthracene
 Concen: 48.68 ng/ul
 RT: 21.47 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BM008837.D
 Acq: 24 Jan 2017 12:48

Tgt Ion:228 Resp: 1699669
 Ion Ratio Lower Upper
 228 100
 229 19.5 15.8 23.6
 226 26.9 21.3 31.9

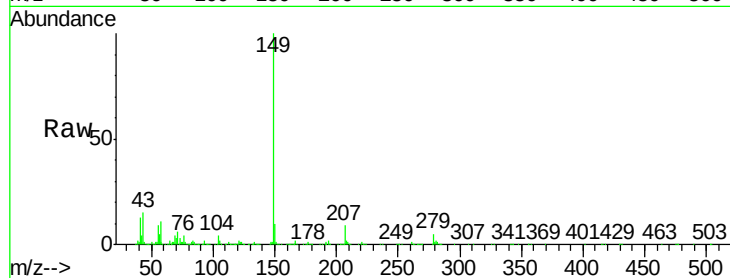




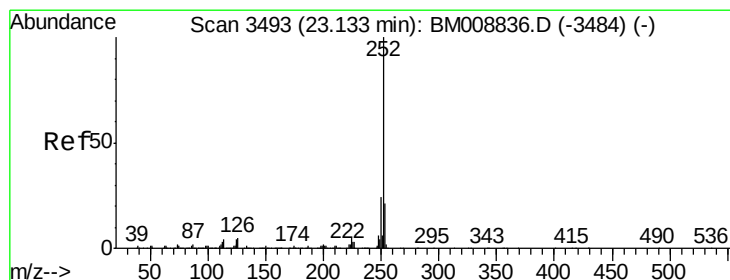
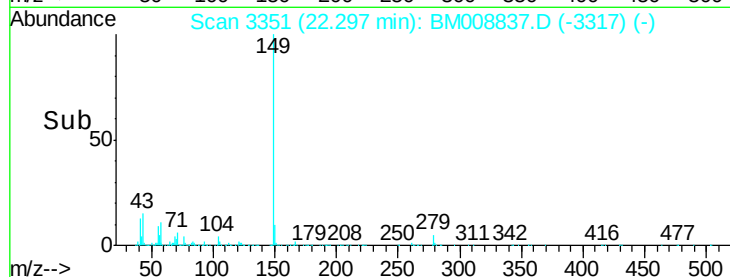
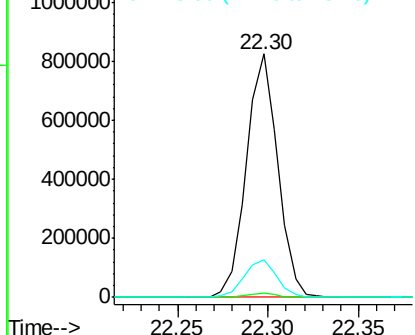
#84
Di-n-octyl phthalate
Concen: 32.73 ng/ul
RT: 22.30 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Instrument :
BNA_M
ClientSampled :
X2808

Tgt Ion:149 Resp: 990846
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 15.5 6.3 9.5#

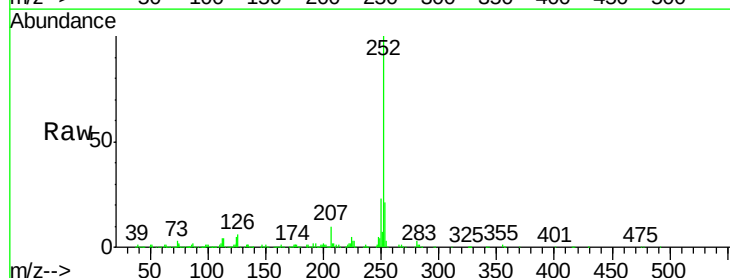


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

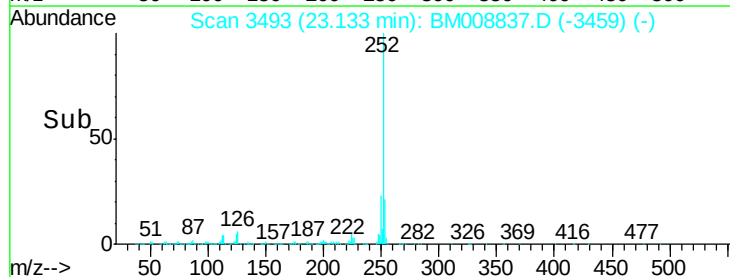
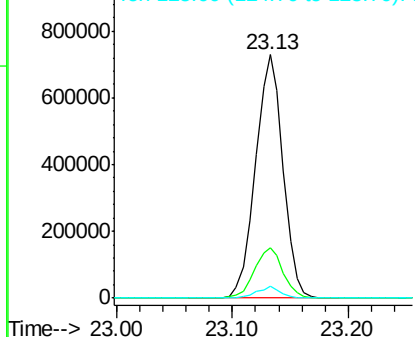


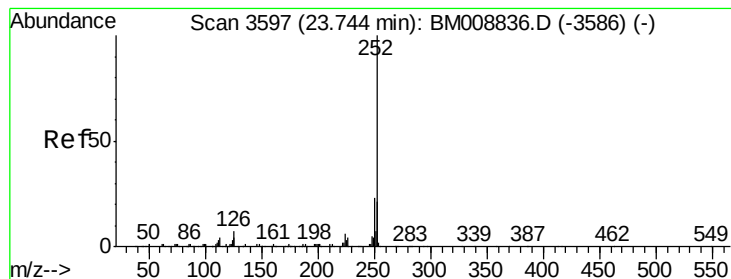
#85
Benzo(b)fluoranthene
Concen: 39.73 ng/ul
RT: 23.13 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM008837.D
Acq: 24 Jan 2017 12:48

Tgt Ion:252 Resp: 1204135
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 4.7 5.6 8.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 23.72 ng/ul

RT: 23.74 min Scan# 3597

Delta R.T. 0.00 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

Instrument :

BNA_M

ClientSampleId :

X2808

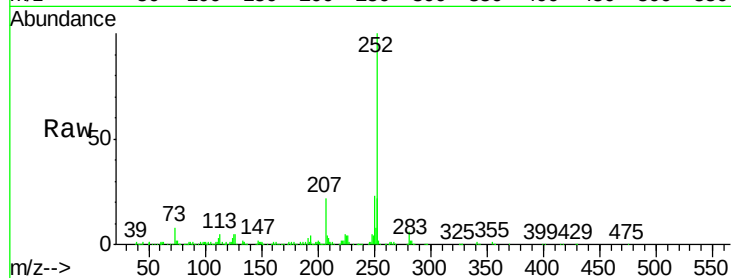
Tgt Ion:252 Resp: 659526

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

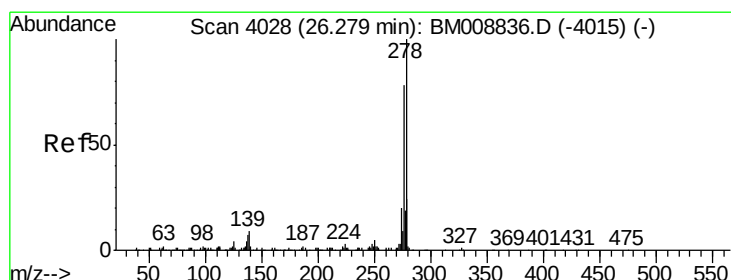
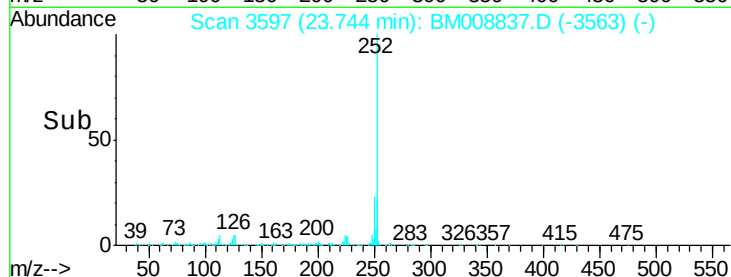
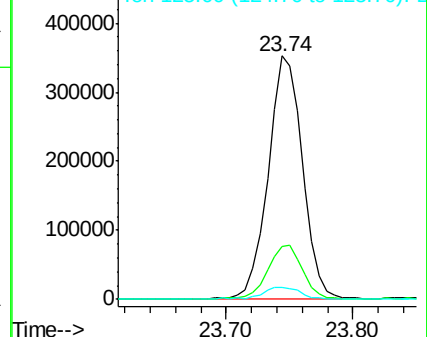
125 4.8 6.2 9.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 57.81 ng/ul

RT: 26.29 min Scan# 4029

Delta R.T. 0.01 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

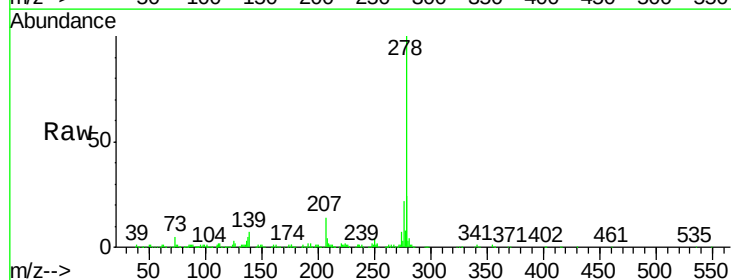
Tgt Ion:278 Resp: 1396683

Ion Ratio Lower Upper

278 100

139 6.8 9.3 13.9#

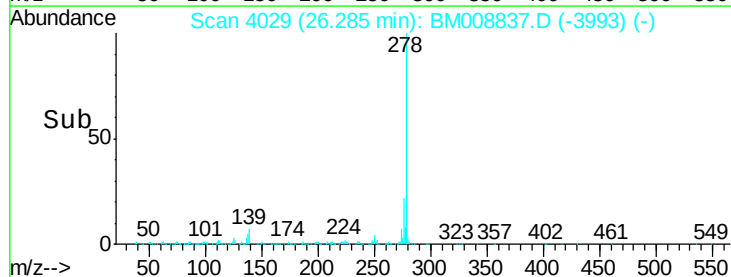
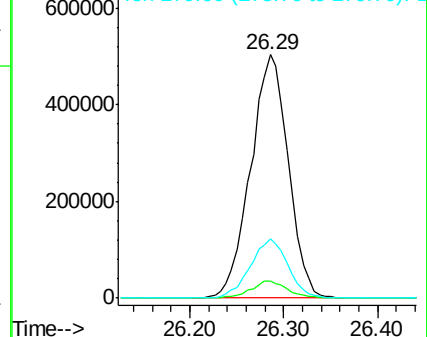
279 24.2 18.9 28.3

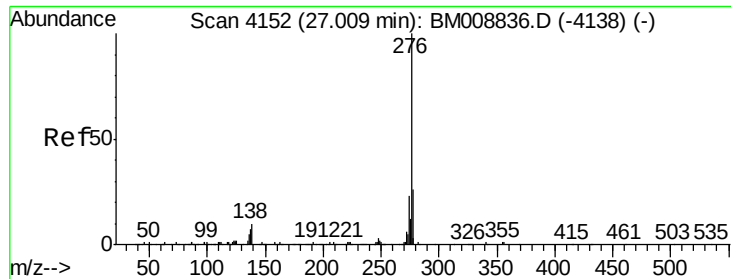


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.21 ng/ul

RT: 27.01 min Scan# 4153

Delta R.T. 0.00 min

Lab File: BM008837.D

Acq: 24 Jan 2017 12:48

Instrument :

BNA_M

ClientSampleId :

X2808

Tgt Ion: 276 Resp: 708472

Ion Ratio Lower Upper

276 100

138 9.1 11.7 17.5#

277 24.2 18.2 27.2

