

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061015\
 Data File : BM001632.D
 Acq On : 10 Jun 2015 15:35
 Operator : TP/IZ
 Sample : G2414-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1T61

Quant Time: Jun 11 05:58:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 10 13:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	84095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	309772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	178281	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	388819	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	444752	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	485250	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	147774	25.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	86266	25.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	121547	25.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	119628	26.37	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	54388	26.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	61547	26.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	127536	26.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	124331	25.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	371857	30.70	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	486881	29.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	51471	24.80	ng/ul	0.00
57) Fluorene-d10	15.33	176	359976	31.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	40722	20.38	ng/ul	0.00
70) Anthracene-d10	17.19	188	564624	33.66	ng/ul	0.00
76) Pyrene-d10	19.49	212	624623	35.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	654023	32.75	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	2705	1.36	ng/uL#	1
8) Bis(2-Chloroethyl)ether	7.12	93	155095	32.97	ng/ul	94
10) 2-Chlorophenol	7.25	128	13815	2.77	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.21	45	137878	24.10	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.49	70	61114	16.86	ng/ul	91
17) Hexachloroethane	8.76	117	27795	13.83	ng/ul#	79
21) Isophorone	9.40	82	90347	9.75	ng/ul#	97
25) Bis(2-Chloroethoxy)methane	9.90	93	194039	34.38	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	50069	10.84	ng/ul	96
28) Naphthalene	10.53	128	95453	6.51	ng/ul	99
30) 4-Chloroaniline	10.64	127	9158	1.83	ng/ul	90
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	92373	14.23	ng/ul#	98
37) Hexachlorocyclopentadiene	12.49	237	69124	18.58	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	88840	23.39	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	88840	21.55	ng/ul	96
41) 2-Chloronaphthalene	13.21	162	236184	21.73	ng/ul	98
44) Dimethylphthalate	13.80	163	94608	7.11	ng/ul#	99
45) 2,6-Dinitrotoluene	13.92	165	63259	24.45	ng/ul	91
47) Acenaphthylene	14.06	152	115404	6.93	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	3541	2.82	ng/ul	86
53) Dibenzofuran	14.74	168	154188	9.79	ng/ul	93
54) 2,4-Dinitrotoluene	14.71	165	37078	10.12	ng/ul	96
58) Fluorene	15.39	166	317352	24.23	ng/ul	98

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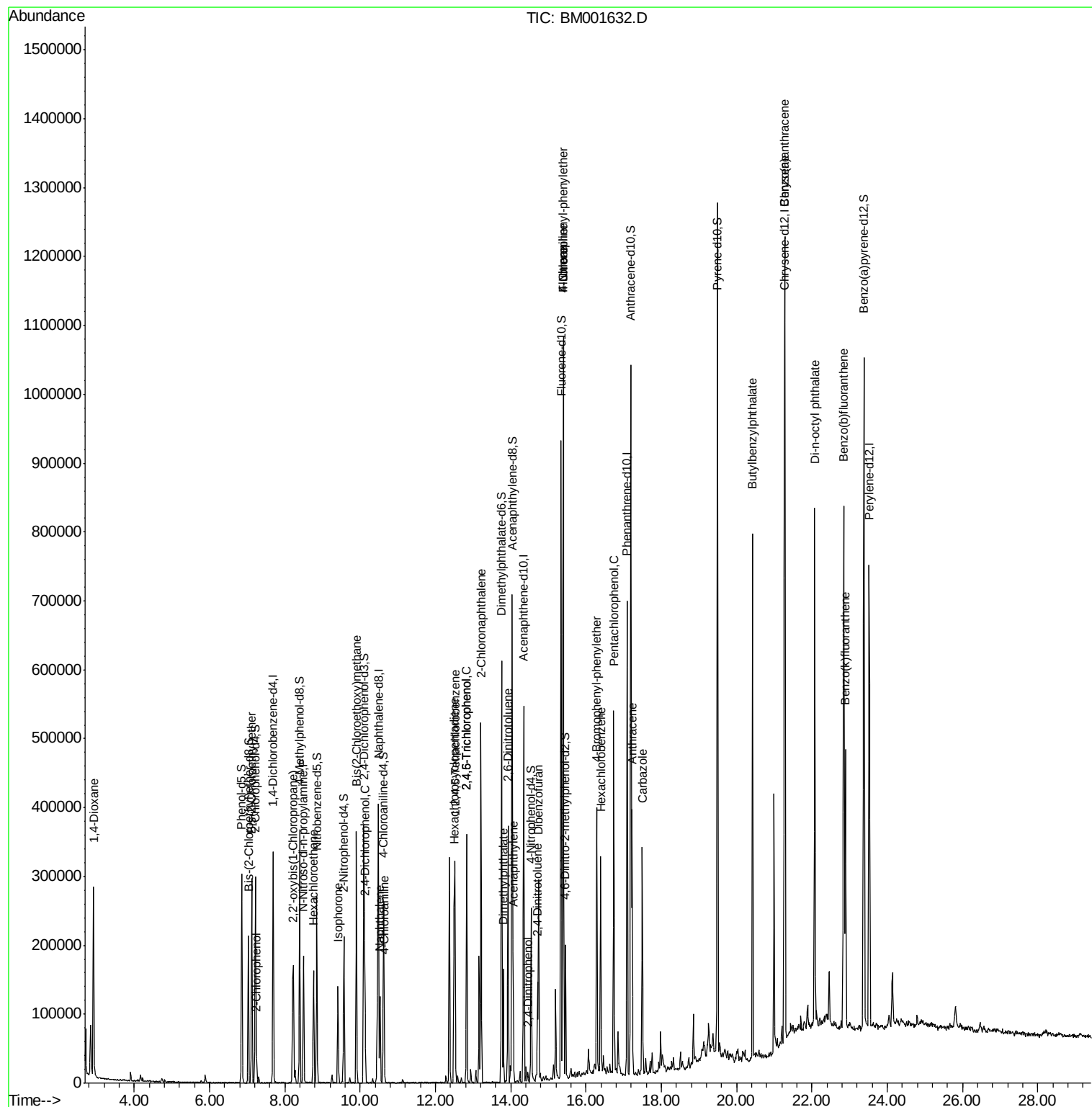
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 4-Chlorophenyl-phenylether	15.39	204	89514	12.57	ng/ul	98
60) 4-Nitroaniline	15.39	138	4309	1.74	ng/ul#	30
65) 4-Bromophenyl-phenylether	16.28	248	70731	17.03	ng/ul	99
66) Hexachlorobenzene	16.39	284	60036	13.18	ng/ul	95
68) Pentachlorophenol	16.73	266	82645	29.58	ng/ul	97
71) Anthracene	17.22	178	231032	11.41	ng/ul	99
72) Carbazole	17.49	167	194325	11.19	ng/ul	96
78) Butylbenzylphthalate	20.42	149	203238	26.23	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	472774	19.39	ng/ul	99
82) Chrysene	21.26	228	472774	20.83	ng/ul	96
84) Di-n-octyl phthalate	22.07	149	459346	21.29	ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	547750	20.66	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	254507	9.85	ng/ul#	95

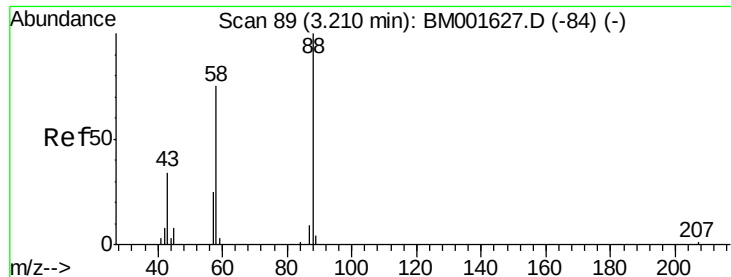
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.36 ng/uL

RT: 2.92 min Scan# 39

Delta R.T. -0.29 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

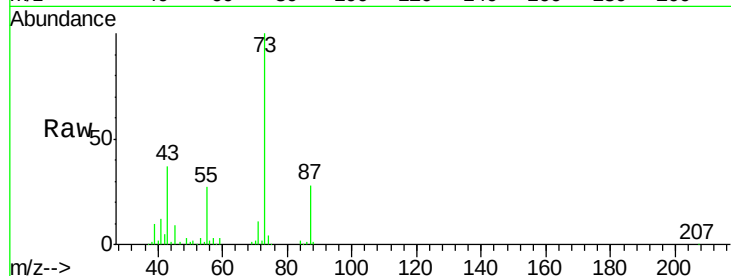
Tgt Ion: 88 Resp: 2705

Ion Ratio Lower Upper

88 100

43 2080.1 28.6 42.8#

58 18.3 71.4 107.0#

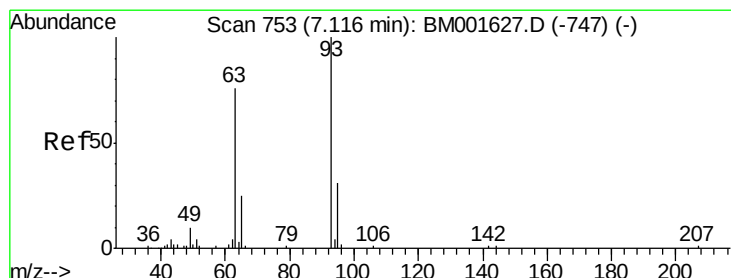
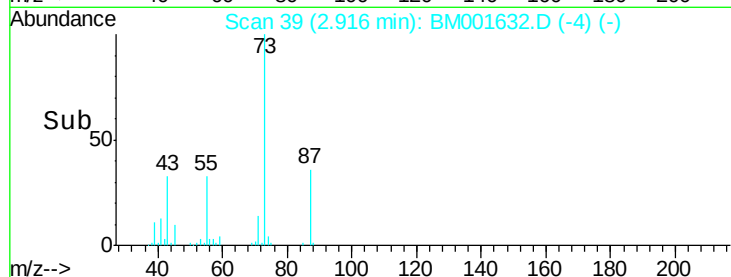
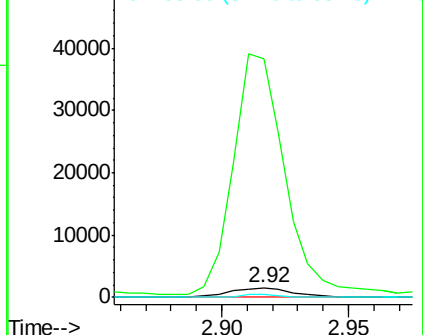


Abundance

Ion 88.00 (87.70 to 88.70): BM001632.D (-4) (-)

Ion 43.00 (42.70 to 43.70): BM001632.D (-4) (-)

Ion 58.00 (57.70 to 58.70): BM001632.D (-4) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 32.97 ng/uL

RT: 7.12 min Scan# 754

Delta R.T. 0.01 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

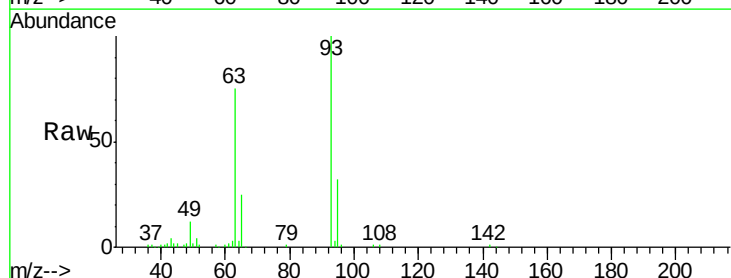
Tgt Ion: 93 Resp: 155095

Ion Ratio Lower Upper

93 100

63 75.1 65.6 98.4

95 32.3 24.9 37.3

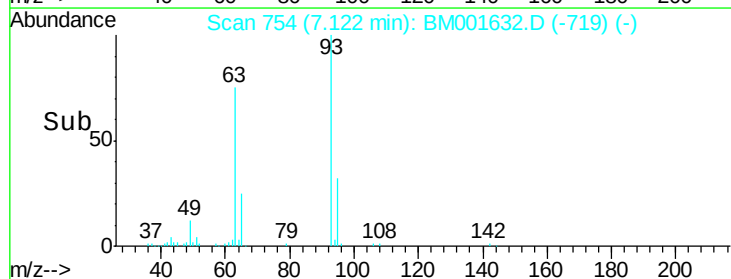
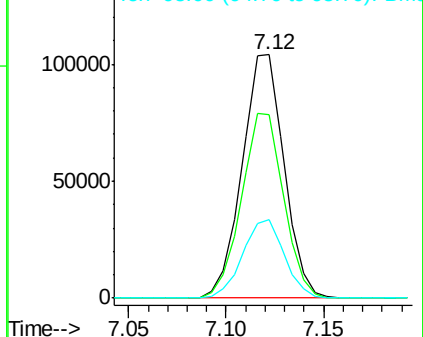


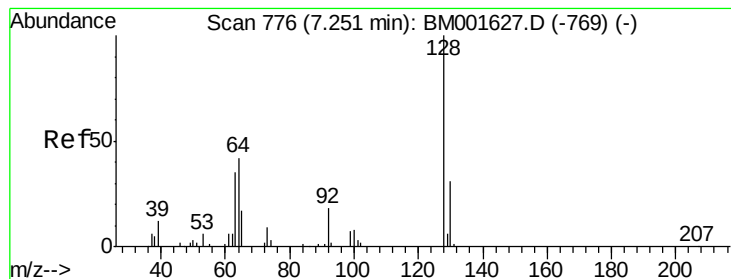
Abundance

Ion 93.00 (92.70 to 93.70): BM001632.D (-719) (-)

Ion 63.00 (62.70 to 63.70): BM001632.D (-719) (-)

Ion 95.00 (94.70 to 95.70): BM001632.D (-719) (-)





#10

2-Chlorophenol

Concen: 2.77 ng/ul

RT: 7.25 min Scan# 776

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampled :

X1T61

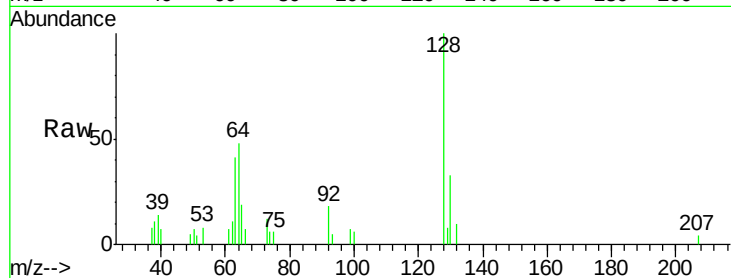
Tgt Ion: 128 Resp: 13815

Ion Ratio Lower Upper

128 100

64 48.4 40.4 60.6

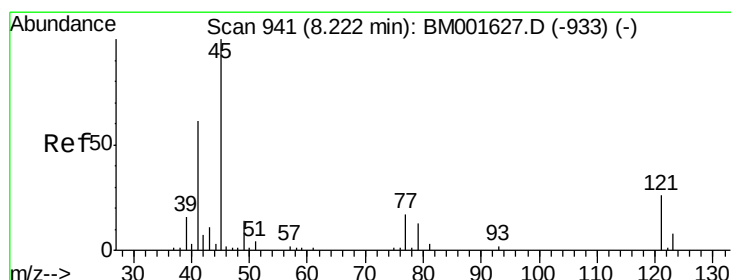
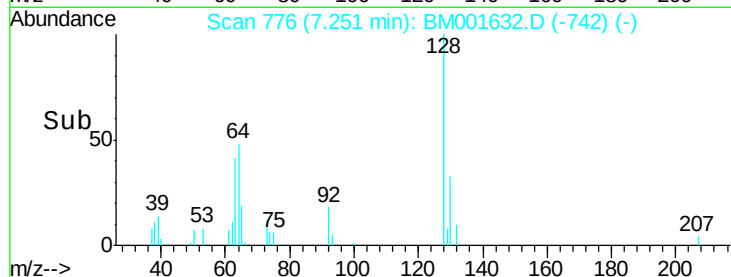
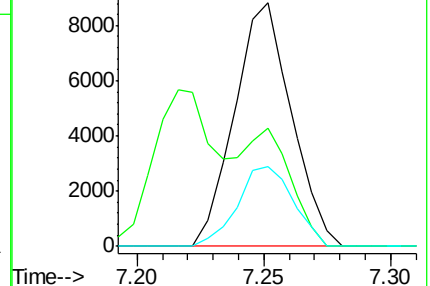
130 33.0 24.9 37.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#12

2,2'-oxybis(1-chloropropane)

Concen: 24.10 ng/ul

RT: 8.21 min Scan# 939

Delta R.T. -0.01 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

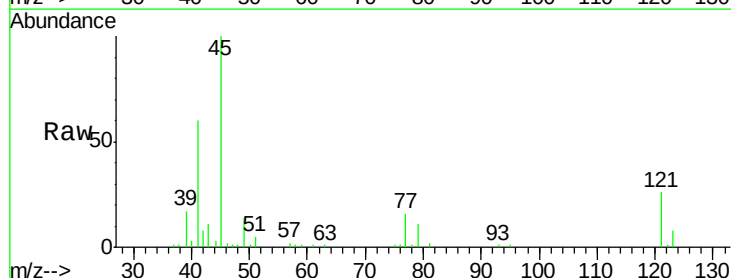
Tgt Ion: 45 Resp: 137878

Ion Ratio Lower Upper

45 100

77 16.3 8.5 12.7#

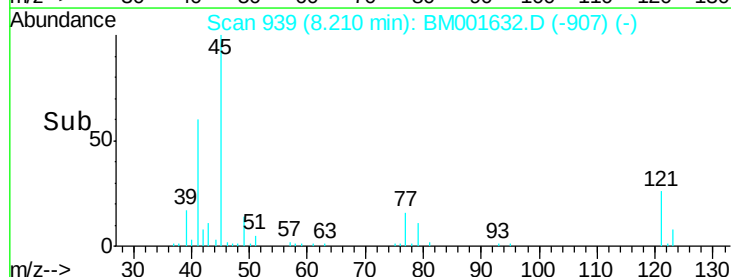
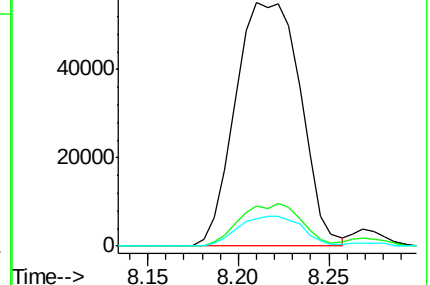
79 11.2 7.4 11.0#

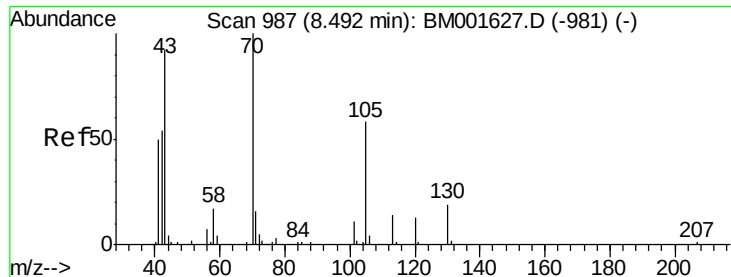


Abundance Ion 45.00 (44.70 to 45.70): BM0

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 16.86 ng/ul

RT: 8.49 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

Tgt Ion: 70 Resp: 61114

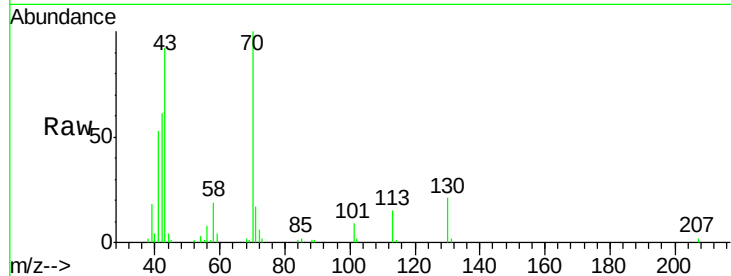
Ion Ratio Lower Upper

70 100

42 61.2 56.3 84.5

101 9.1 7.5 11.3

130 20.9 18.4 27.6

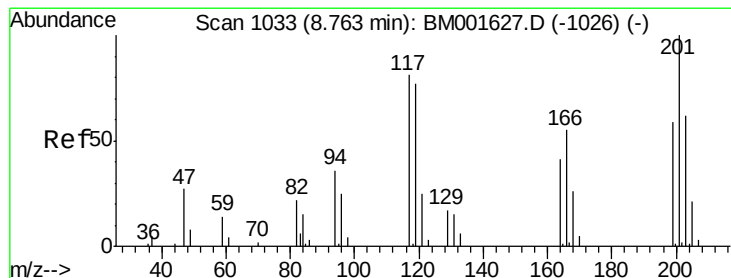
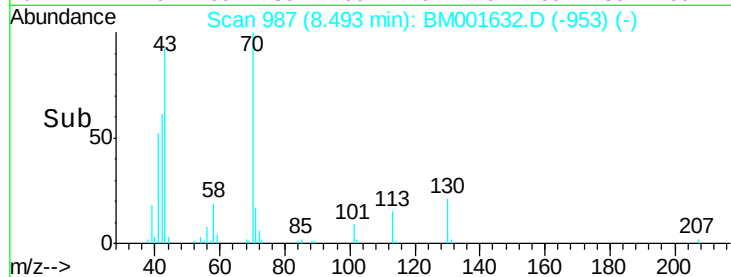
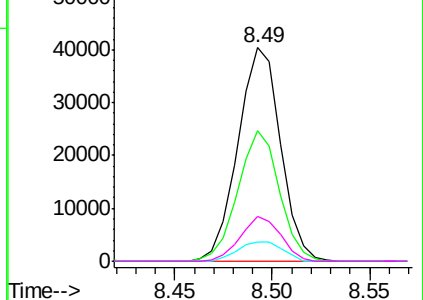


Abundance Ion 70.00 (69.70 to 70.70): BM001632.D (-953) (-)

Ion 42.00 (41.70 to 42.70): BM001632.D (-953) (-)

Ion 101.00 (100.70 to 101.70): BM001632.D (-953) (-)

Ion 130.00 (129.70 to 130.70): BM001632.D (-953) (-)



#17

Hexachloroethane

Concen: 13.83 ng/ul

RT: 8.76 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

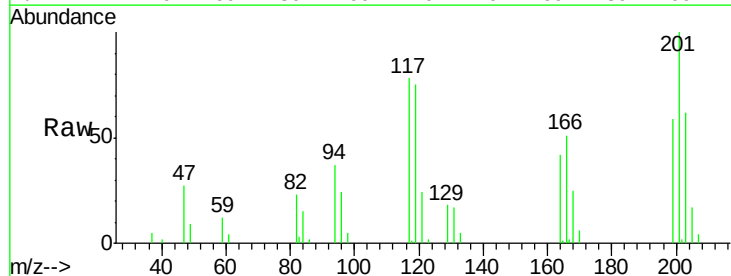
Tgt Ion: 117 Resp: 27795

Ion Ratio Lower Upper

117 100

201 127.6 81.8 122.8#

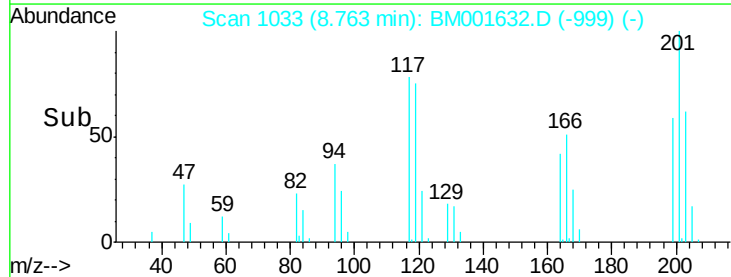
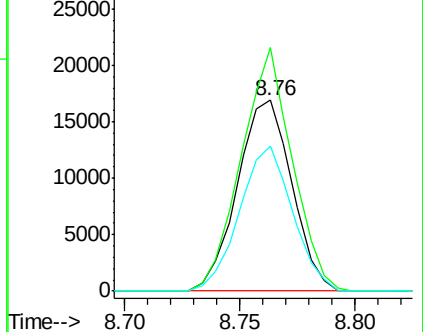
199 75.8 51.8 77.6

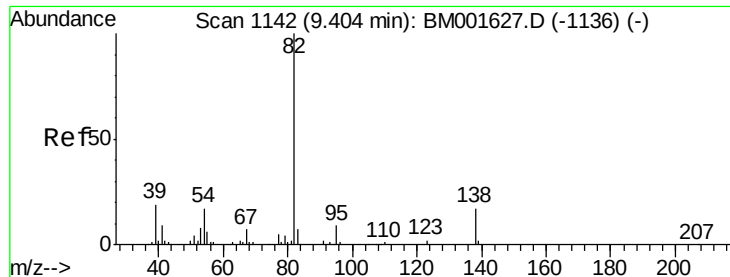


Abundance Ion 117.00 (116.70 to 117.70): BM001632.D (-999) (-)

Ion 201.00 (200.70 to 201.70): BM001632.D (-999) (-)

Ion 199.00 (198.70 to 199.70): BM001632.D (-999) (-)





#21

Isophorone

Concen: 9.75 ng/ul

RT: 9.40 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

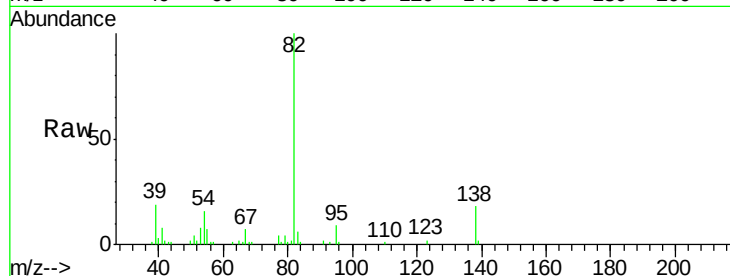
Tgt Ion: 82 Resp: 90347

Ion Ratio Lower Upper

82 100

95 9.2 5.7 8.5#

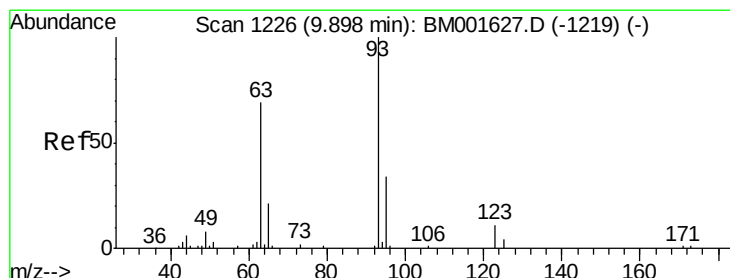
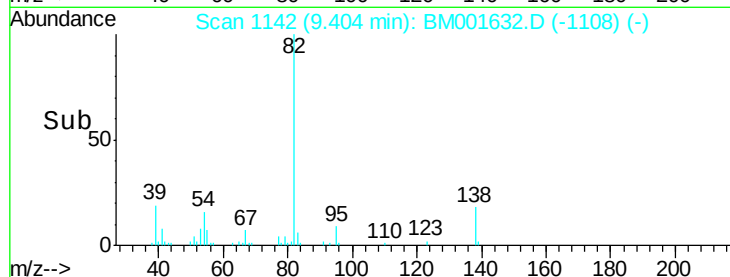
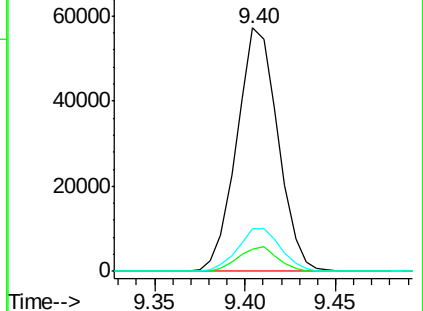
138 17.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BM001632.D (-1136) (-)

Ion 95.00 (94.70 to 95.70): BM001632.D (-1136) (-)

Ion 138.00 (137.70 to 138.70): BM001632.D (-1136) (-)



#25

Bis(2-Chloroethoxy)methane

Concen: 34.38 ng/ul

RT: 9.90 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

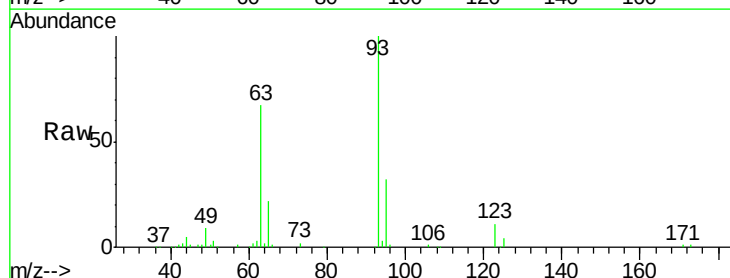
Tgt Ion: 93 Resp: 194039

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

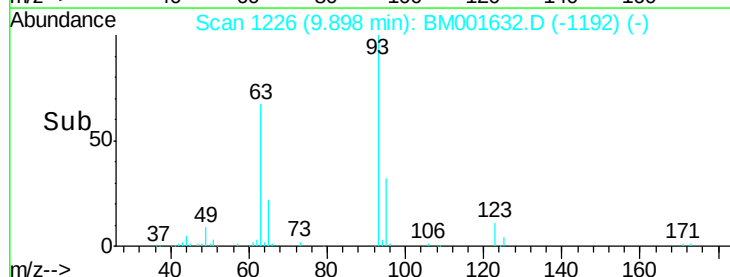
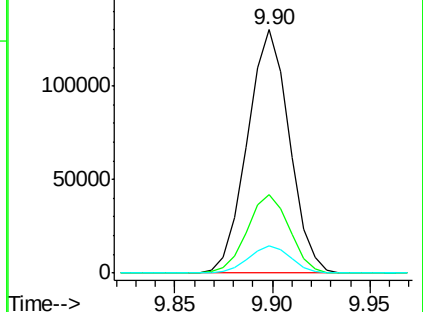
123 11.0 9.4 14.0

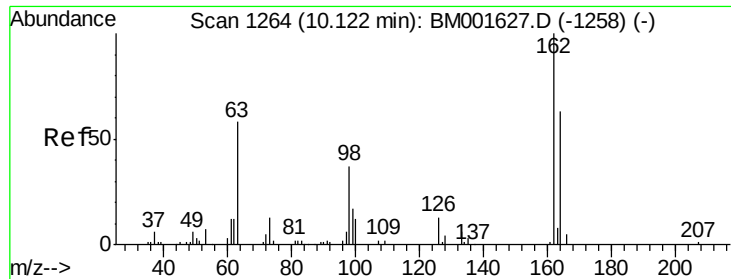


Abundance Ion 93.00 (92.70 to 93.70): BM001632.D (-1192) (-)

Ion 95.00 (94.70 to 95.70): BM001632.D (-1192) (-)

Ion 123.00 (122.70 to 123.70): BM001632.D (-1192) (-)

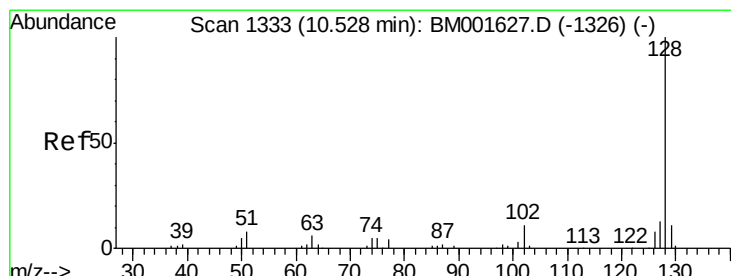
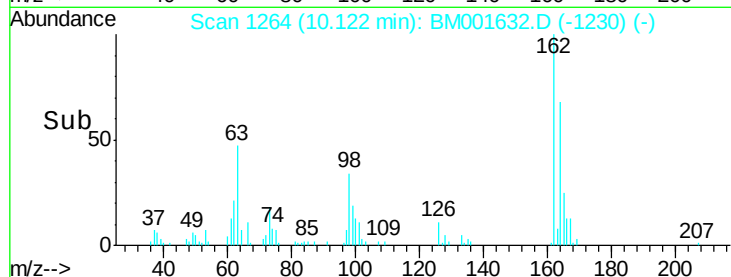
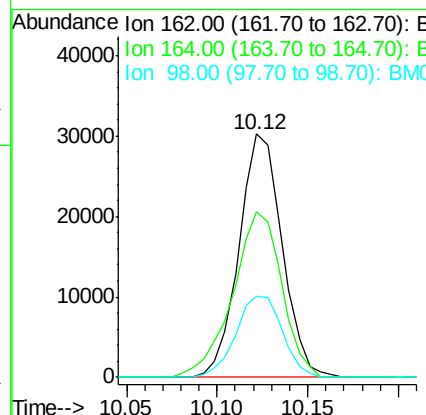
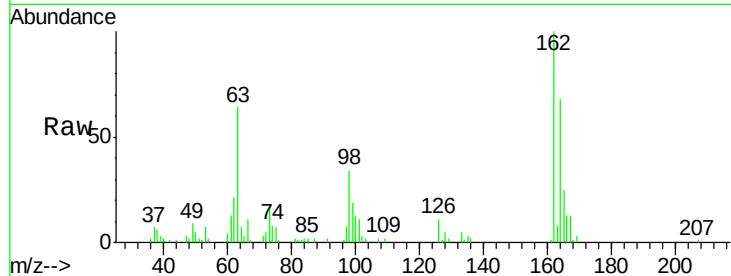




#27
2,4-Dichlorophenol
Concen: 10.84 ng/ul
RT: 10.12 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

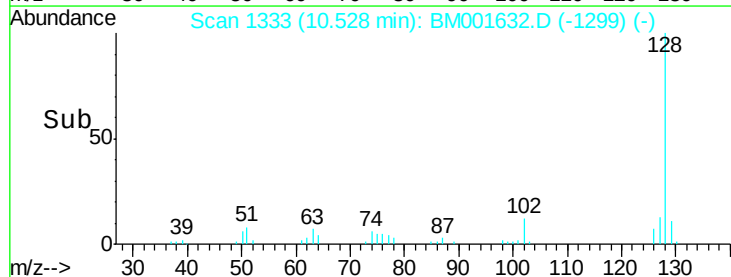
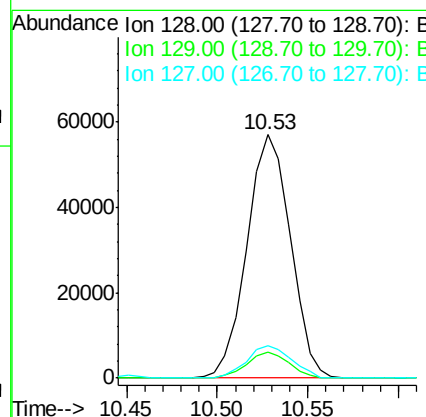
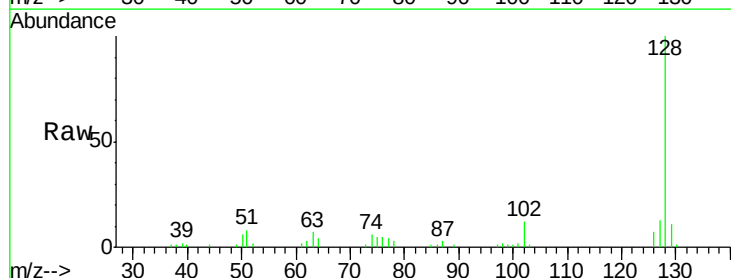
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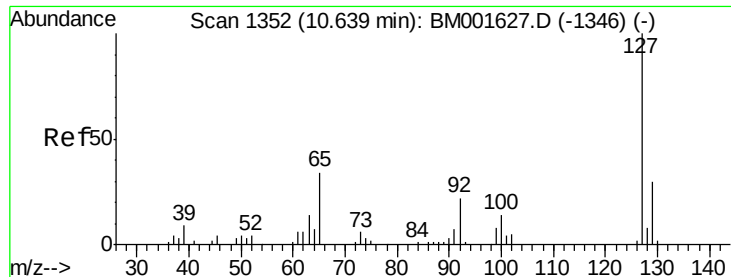
Tgt Ion:162 Resp: 50069
Ion Ratio Lower Upper
162 100
164 67.7 51.5 77.3
98 33.5 28.2 42.2



#28
Naphthalene
Concen: 6.51 ng/ul
RT: 10.53 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

Tgt Ion:128 Resp: 95453
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.4 10.2 15.2

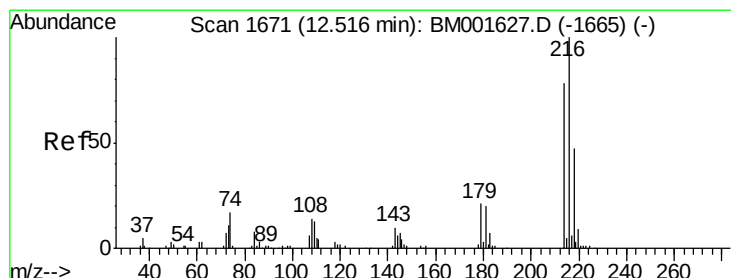
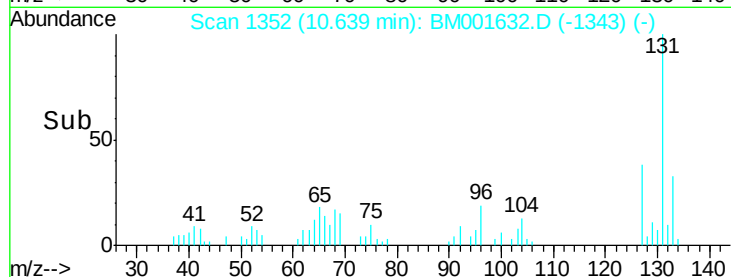
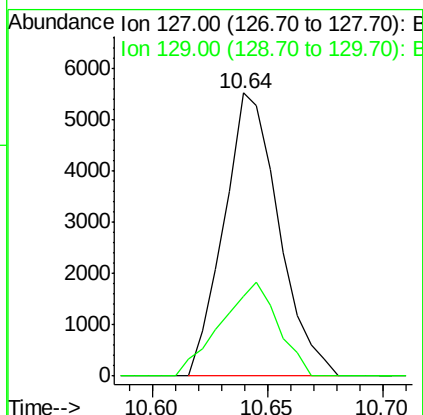
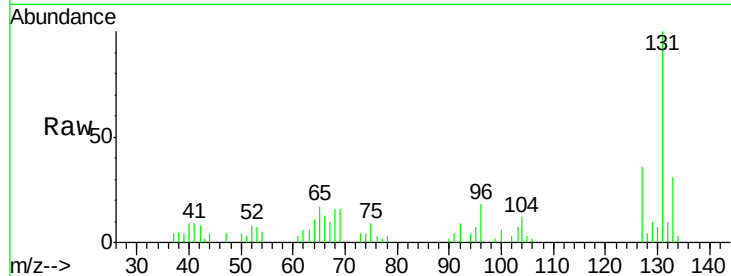




#30
4-Chloroaniline
Concen: 1.83 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

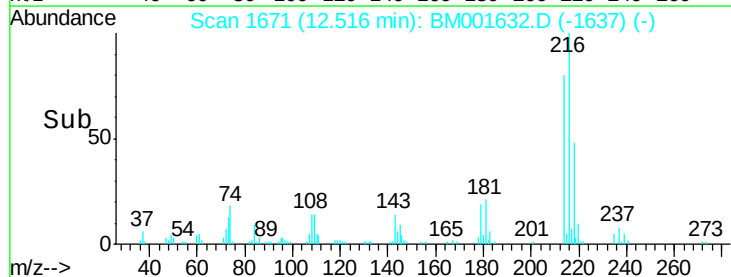
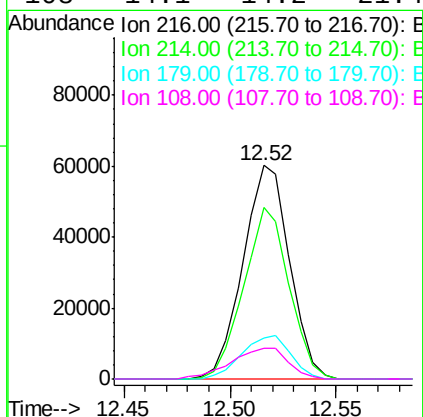
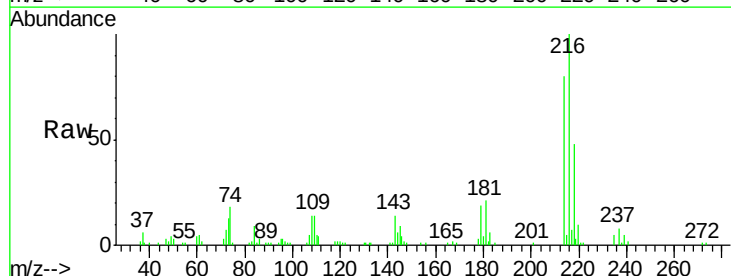
Instrument :
BNA_M
ClientSampleId :
X1T61

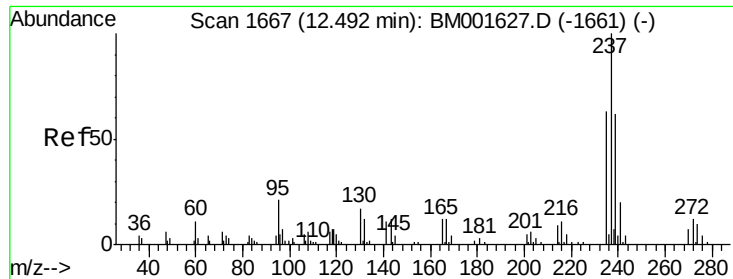
Tgt Ion:127 Resp: 9158
Ion Ratio Lower Upper
127 100
129 28.3 27.2 40.8



#36
1,2,4,5-Tetrachlorobenzene
Concen: 14.23 ng/ul
RT: 12.52 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

Tgt Ion:216 Resp: 92373
Ion Ratio Lower Upper
216 100
214 80.2 63.9 95.9
179 19.3 17.2 25.8
108 14.1 14.2 21.4#

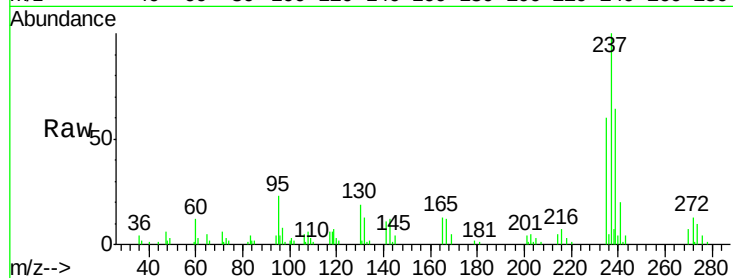




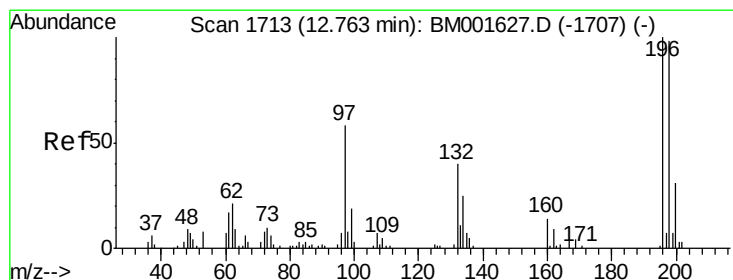
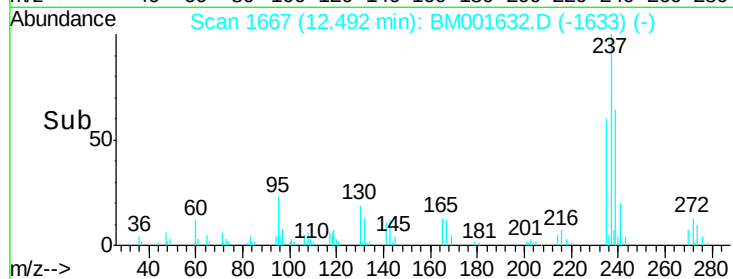
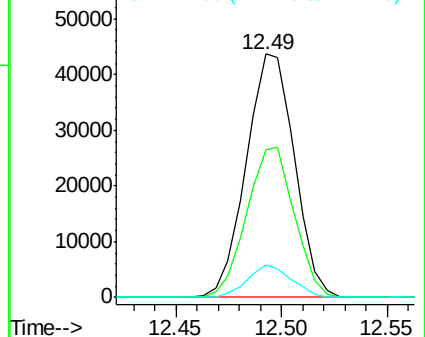
#37
Hexachlorocyclopentadiene
Concen: 18.58 ng/ul
RT: 12.49 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

Instrument :
BNA_M
ClientSampleId :
X1T61

Tgt Ion: 237 Resp: 69124
Ion Ratio Lower Upper
237 100
235 60.4 48.9 73.3
272 13.9 9.4 14.0

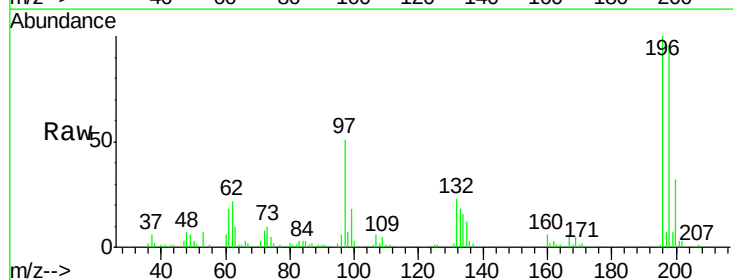


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

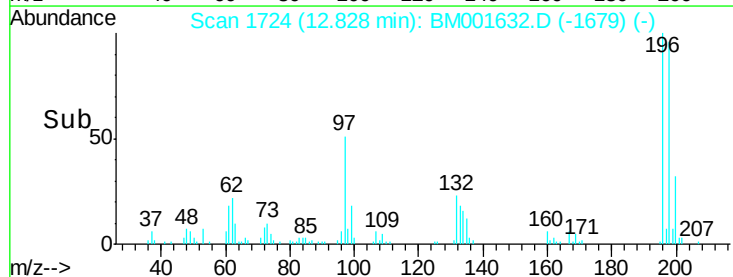
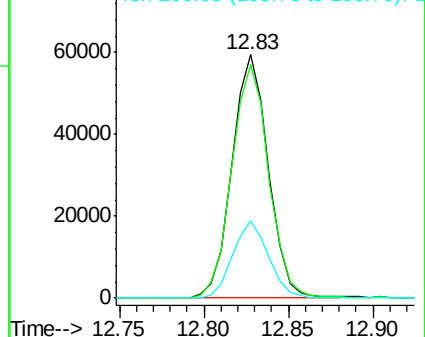


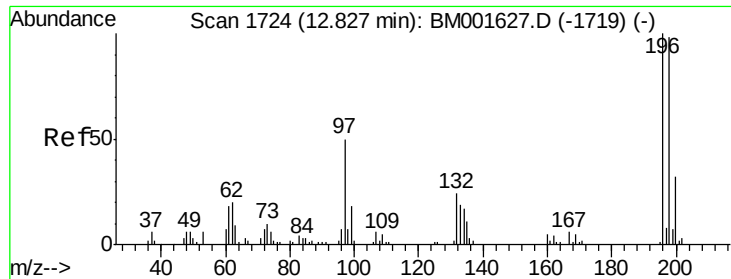
#38
2,4,6-Trichlorophenol
Concen: 23.39 ng/ul
RT: 12.83 min Scan# 1724
Delta R.T. 0.06 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

Tgt Ion: 196 Resp: 88840
Ion Ratio Lower Upper
196 100
198 95.7 77.1 115.7
200 31.6 24.5 36.7



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

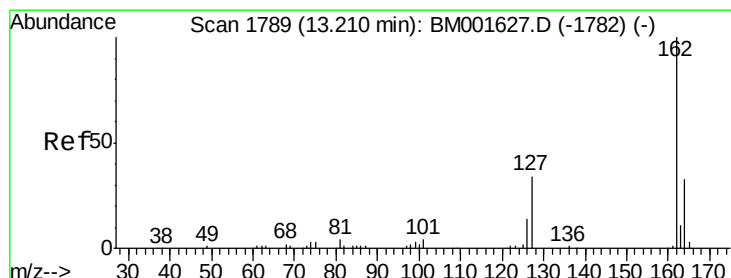
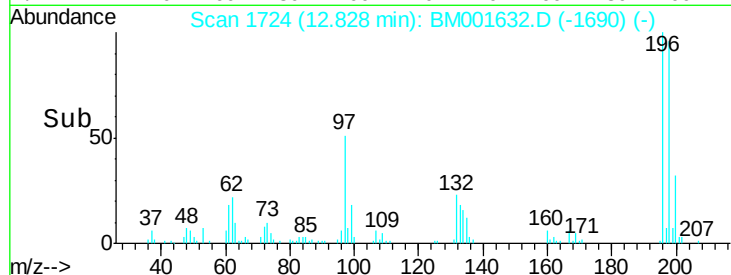
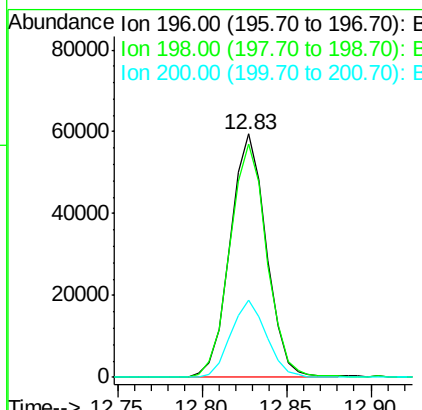
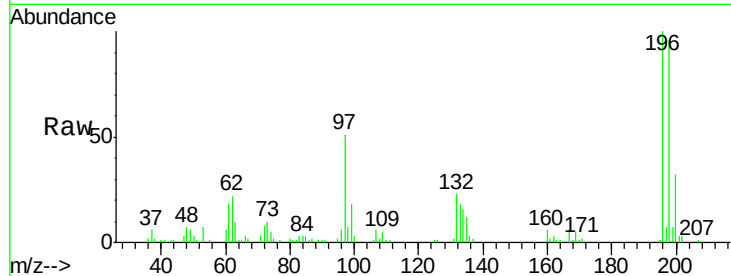




#39
 2,4,5-Trichlorophenol
 Concen: 21.55 ng/ul
 RT: 12.83 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BM001632.D
 Acq: 10 Jun 2015 15:35

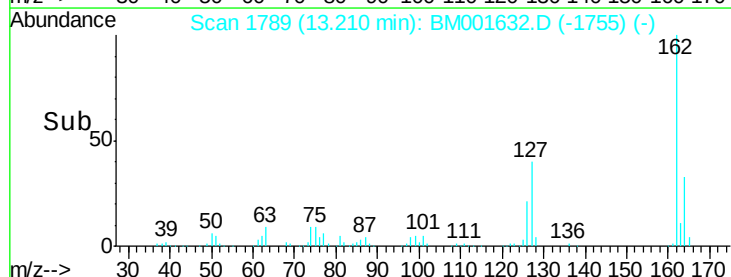
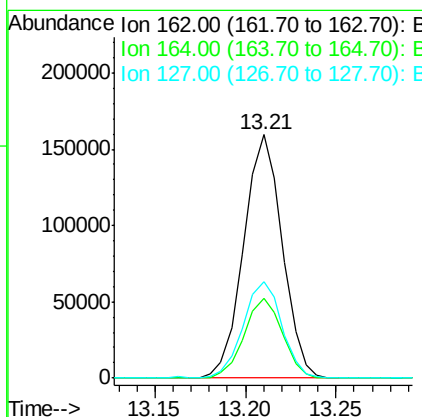
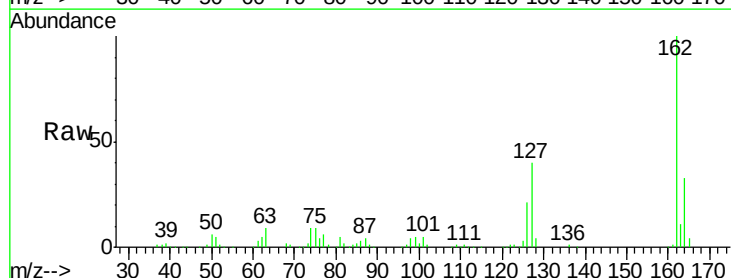
Instrument :
 BNA_M
 ClientSampled :
 X1T61

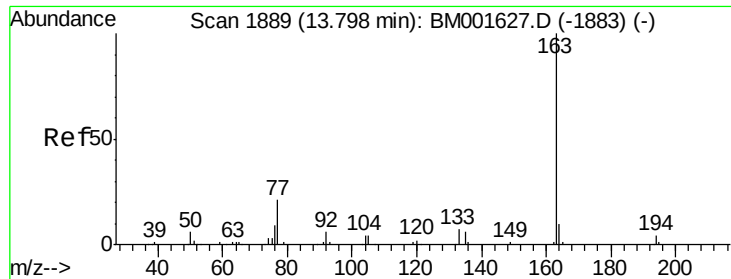
Tgt Ion:196 Resp: 88840
 Ion Ratio Lower Upper
 196 100
 198 95.7 73.4 110.0
 200 31.6 23.2 34.8



#41
 2-Chloronaphthalene
 Concen: 21.73 ng/ul
 RT: 13.21 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BM001632.D
 Acq: 10 Jun 2015 15:35

Tgt Ion:162 Resp: 236184
 Ion Ratio Lower Upper
 162 100
 164 32.7 26.4 39.6
 127 39.6 30.1 45.1





#44

Dimethylphthalate

Concen: 7.11 ng/ul

RT: 13.80 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

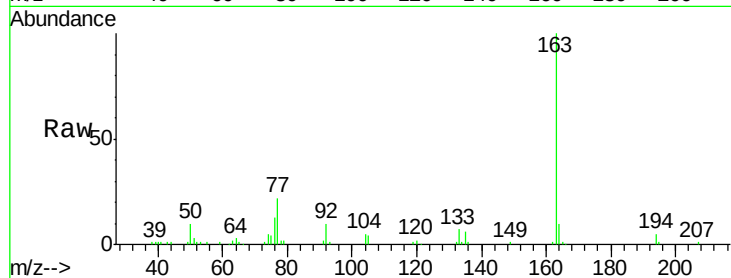
Tgt Ion:163 Resp: 94608

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.4#

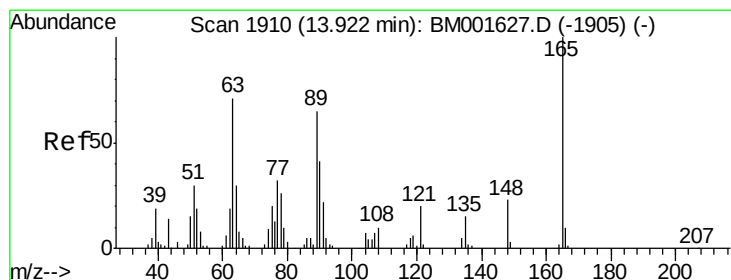
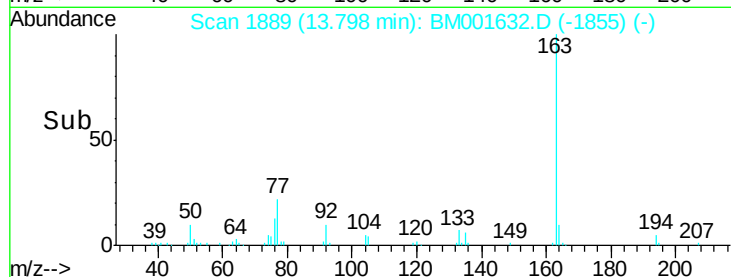
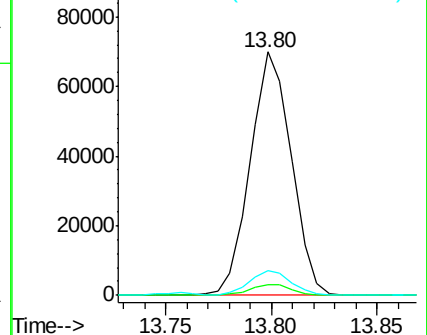
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 24.45 ng/ul

RT: 13.92 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

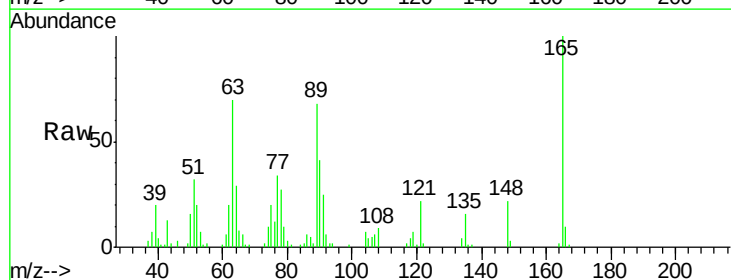
Tgt Ion:165 Resp: 63259

Ion Ratio Lower Upper

165 100

89 68.1 47.4 71.2

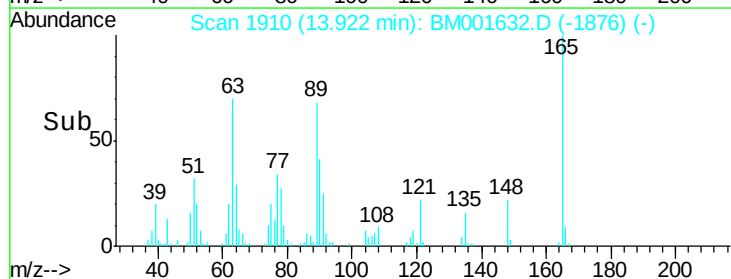
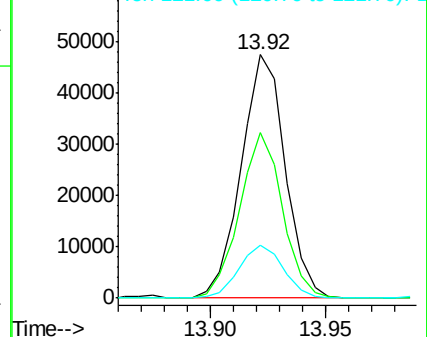
121 21.9 17.8 26.6

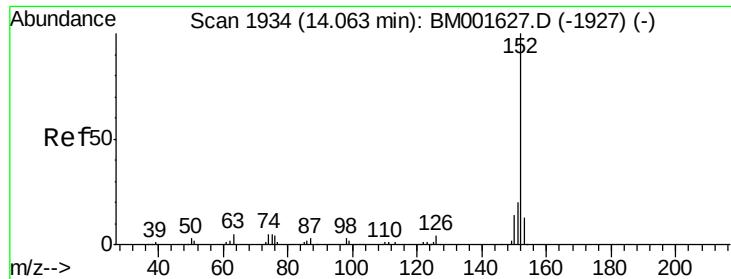


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 6.93 ng/ul

RT: 14.06 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

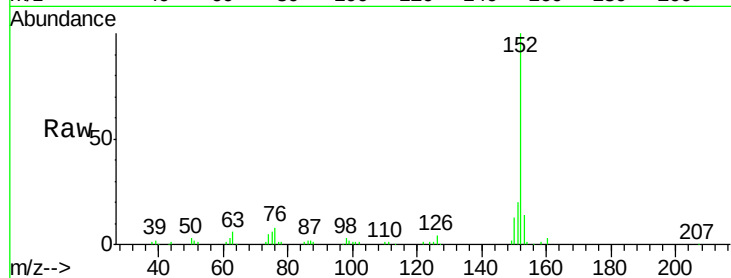
Tgt Ion:152 Resp: 115404

Ion Ratio Lower Upper

152 100

151 19.8 15.2 22.8

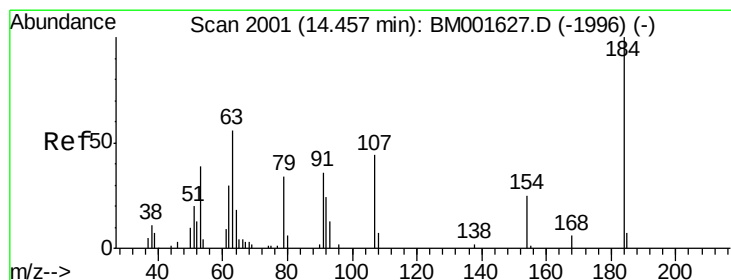
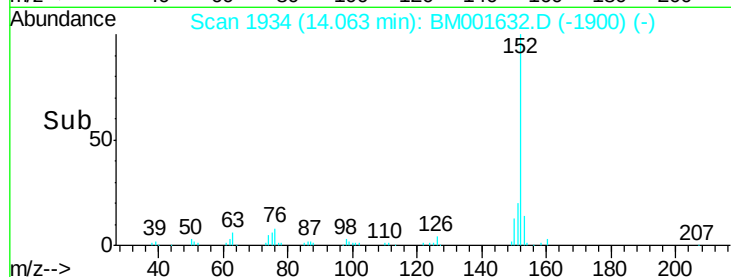
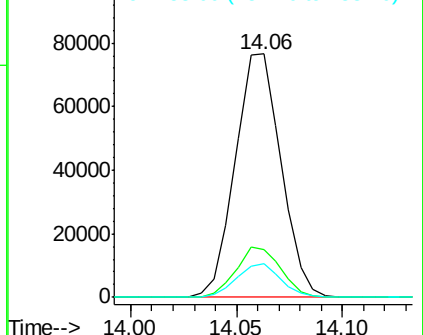
153 13.7 10.4 15.6



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



#50

2,4-Dinitrophenol

Concen: 2.82 ng/ul

RT: 14.45 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

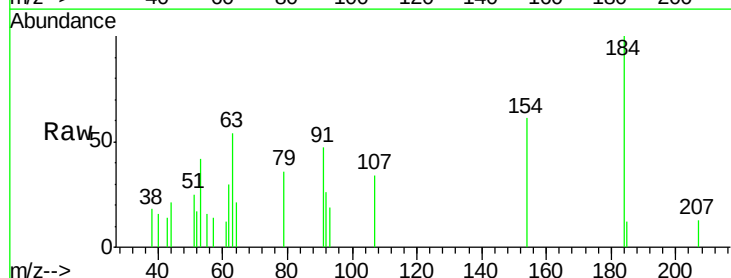
Tgt Ion:184 Resp: 3541

Ion Ratio Lower Upper

184 100

63 54.1 52.7 79.1

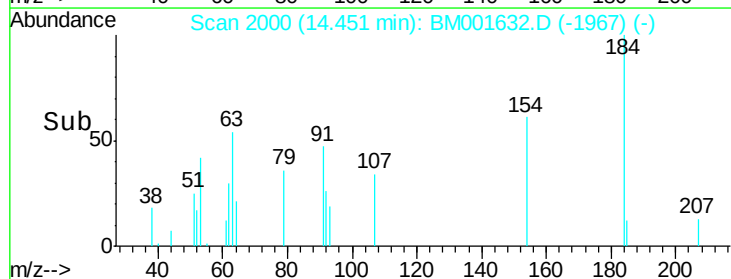
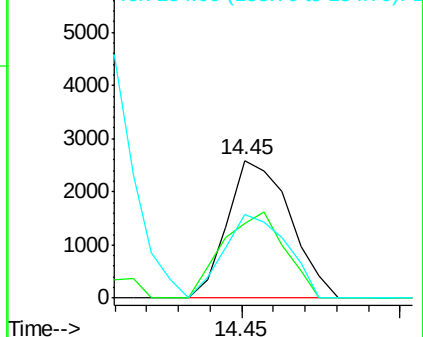
154 61.2 41.8 62.6

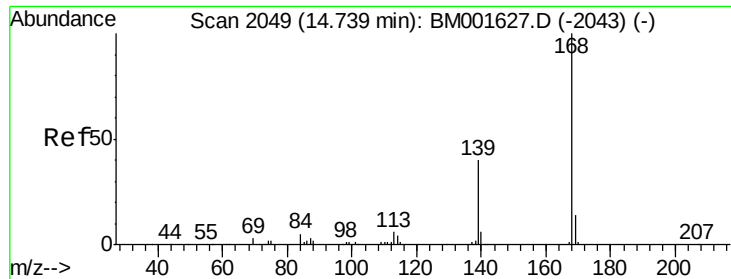


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzofuran

Concen: 9.79 ng/ul

RT: 14.74 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

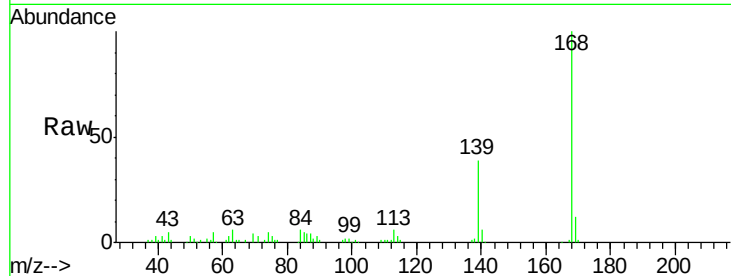
X1T61

Tgt Ion:168 Resp: 154188

Ion Ratio Lower Upper

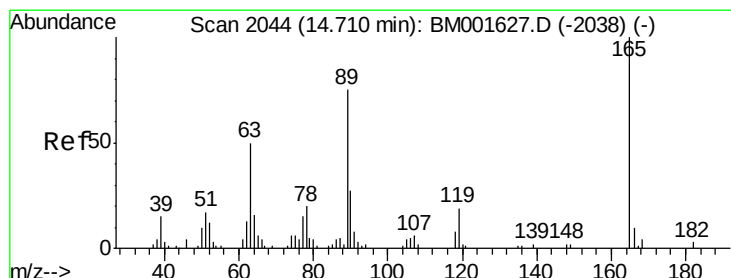
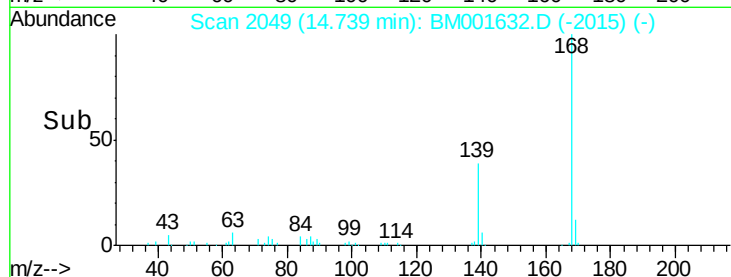
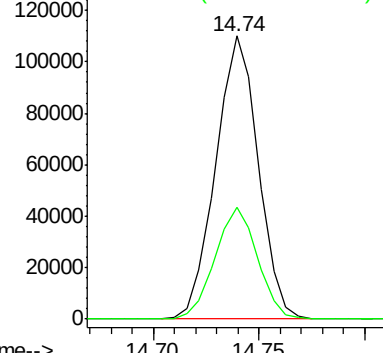
168 100

139 39.3 28.2 42.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#54

2,4-Dinitrotoluene

Concen: 10.12 ng/ul

RT: 14.71 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

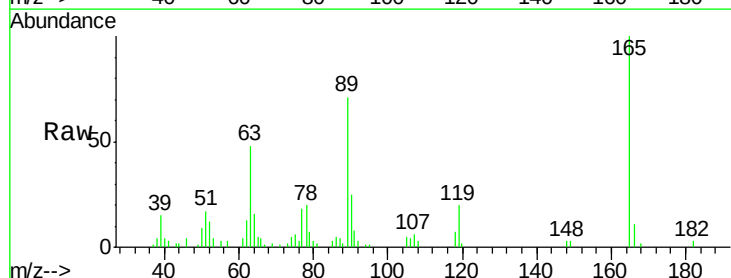
Tgt Ion:165 Resp: 37078

Ion Ratio Lower Upper

165 100

63 48.0 36.1 54.1

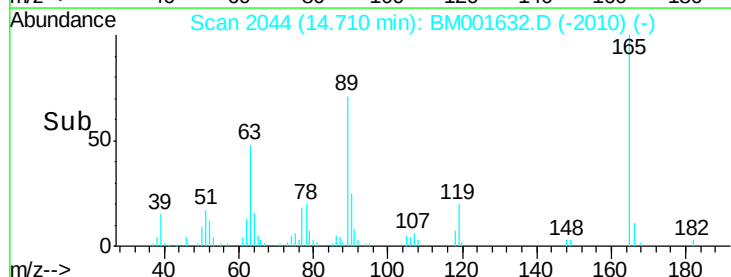
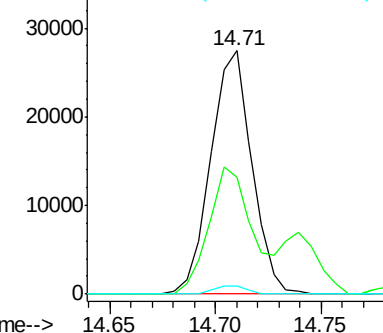
182 3.2 2.4 3.6

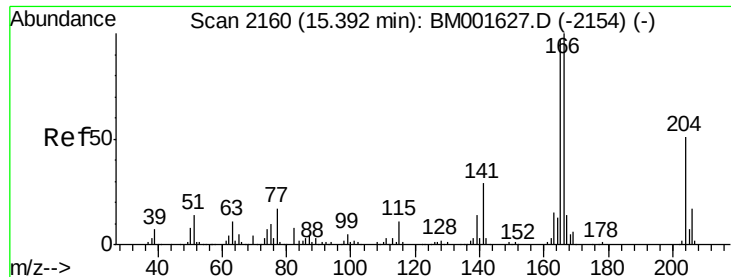


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

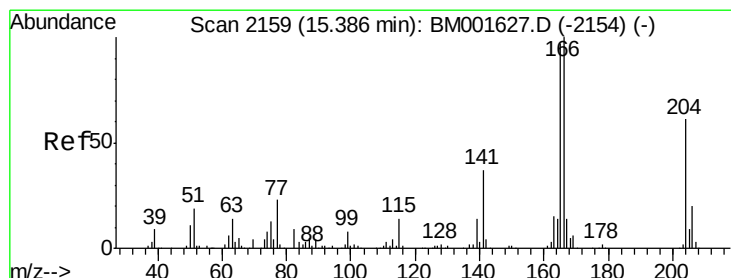
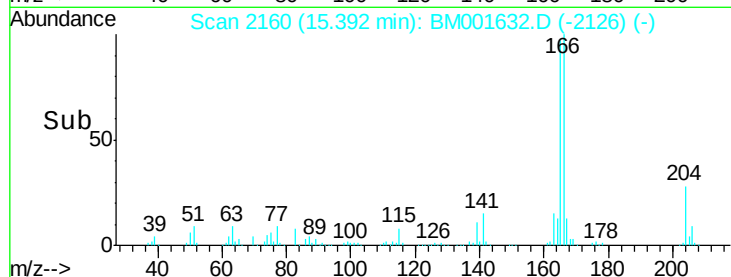
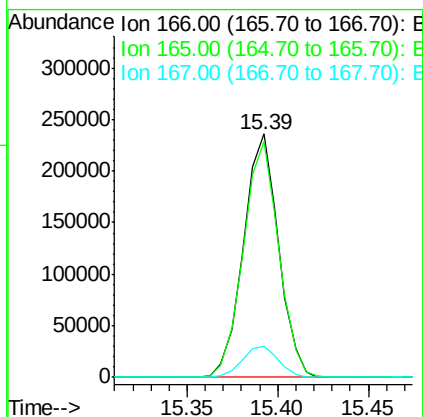
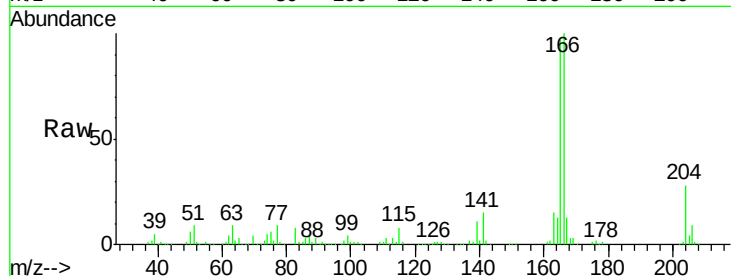




#58
 Fluorene
 Concen: 24.23 ng/ul
 RT: 15.39 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BM001632.D
 Acq: 10 Jun 2015 15:35

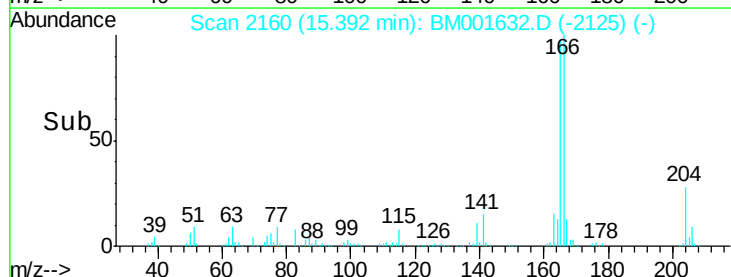
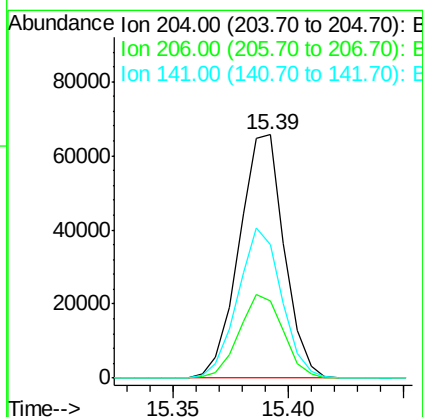
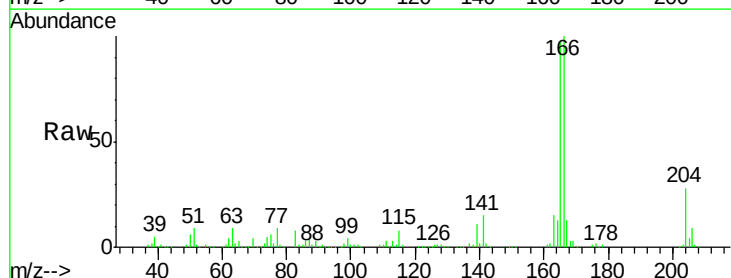
Instrument :
 BNA_M
 ClientSampleId :
 X1T61

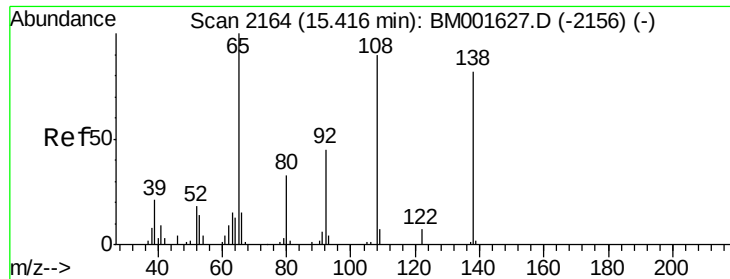
Tgt Ion:166 Resp: 317352
 Ion Ratio Lower Upper
 166 100
 165 96.7 75.3 112.9
 167 13.0 10.2 15.2



#59
 4-Chlorophenyl-phenylether
 Concen: 12.57 ng/ul
 RT: 15.39 min Scan# 2160
 Delta R.T. 0.01 min
 Lab File: BM001632.D
 Acq: 10 Jun 2015 15:35

Tgt Ion:204 Resp: 89514
 Ion Ratio Lower Upper
 204 100
 206 31.5 25.0 37.6
 141 54.8 45.4 68.2

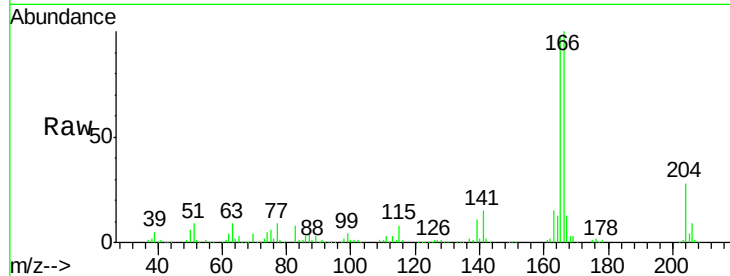




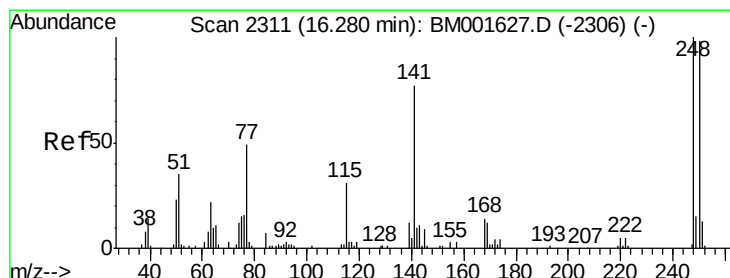
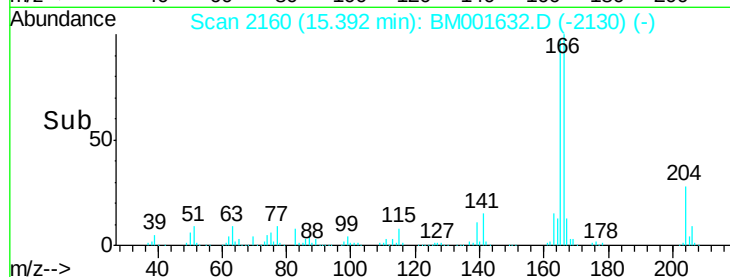
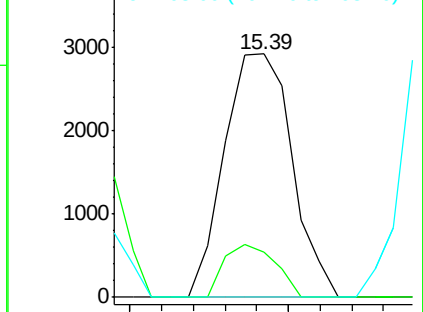
#60
4-Nitroaniline
Concen: 1.74 ng/ul
RT: 15.39 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

Instrument :
BNA_M
ClientSampleId :
X1T61

Tgt Ion:138 Resp: 4309
Ion Ratio Lower Upper
138 100
92 18.7 40.2 60.2#
108 0.0 58.6 87.8#

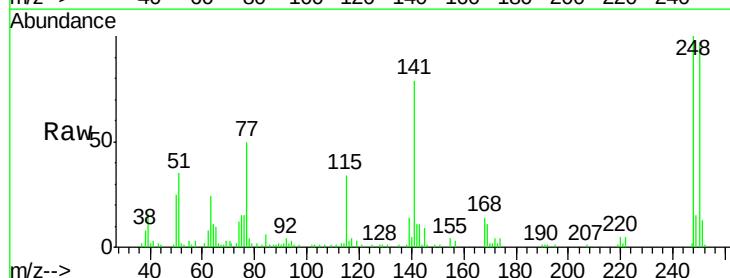


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E

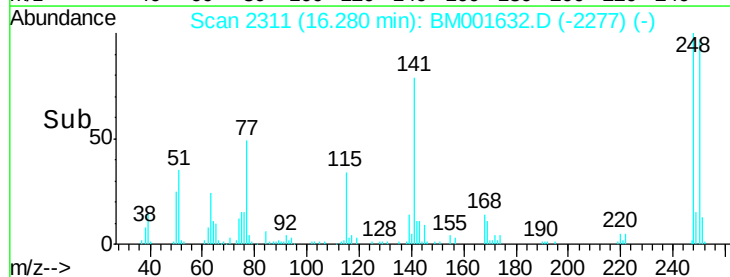
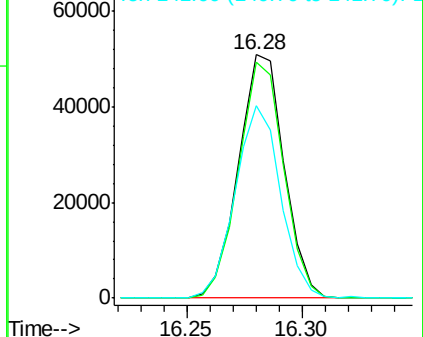


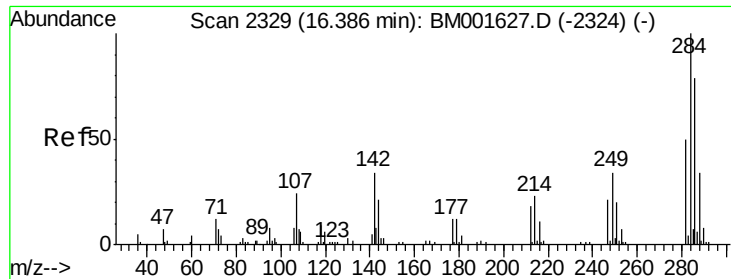
#65
4-Bromophenyl-phenylether
Concen: 17.03 ng/ul
RT: 16.28 min Scan# 2311
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

Tgt Ion:248 Resp: 70731
Ion Ratio Lower Upper
248 100
250 97.1 78.1 117.1
141 79.1 62.4 93.6



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





#66

Hexachlorobenzene

Concen: 13.18 ng/ul

RT: 16.39 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

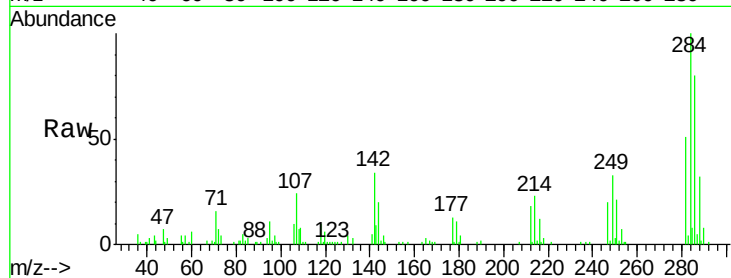
Tgt Ion:284 Resp: 60036

Ion Ratio Lower Upper

284 100

142 34.3 29.7 44.5

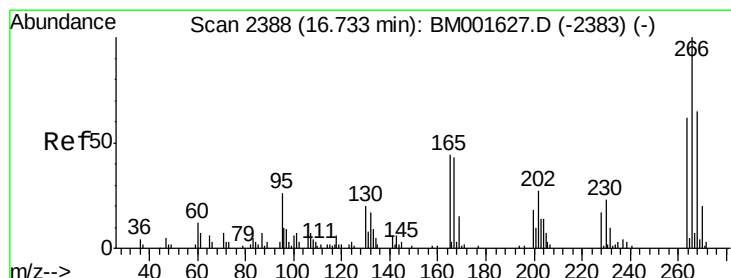
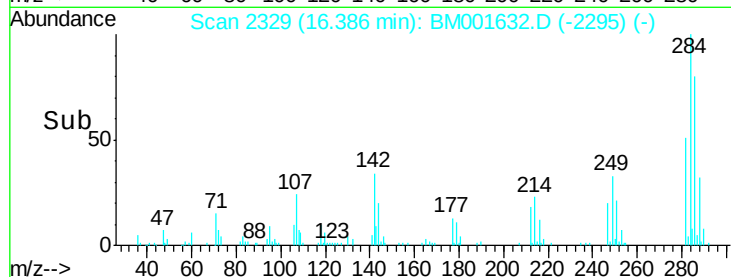
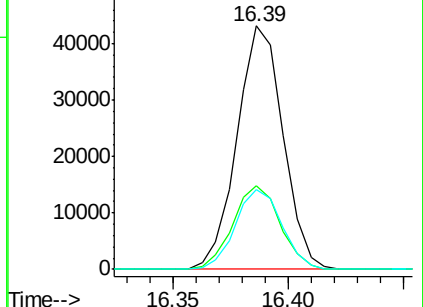
249 32.8 23.5 35.3



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: 29.58 ng/ul

RT: 16.73 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

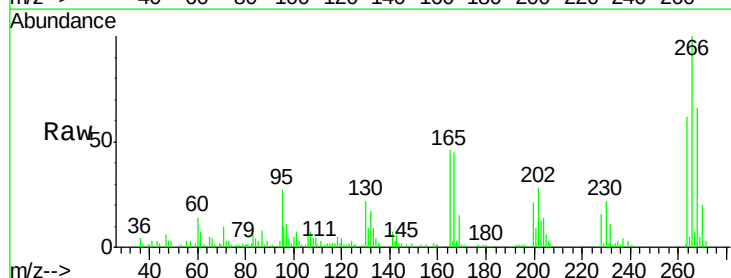
Tgt Ion:266 Resp: 82645

Ion Ratio Lower Upper

266 100

264 61.5 50.2 75.4

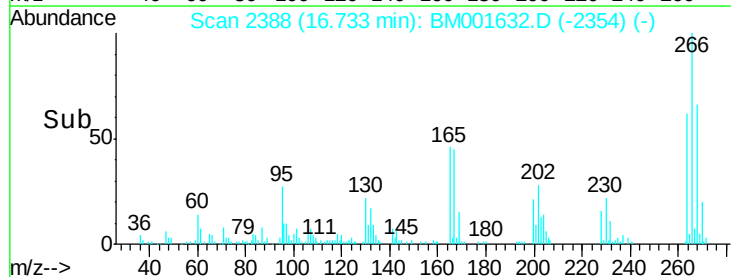
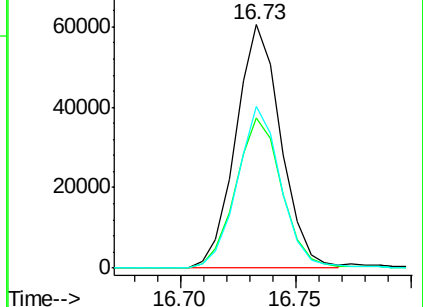
268 66.3 50.1 75.1

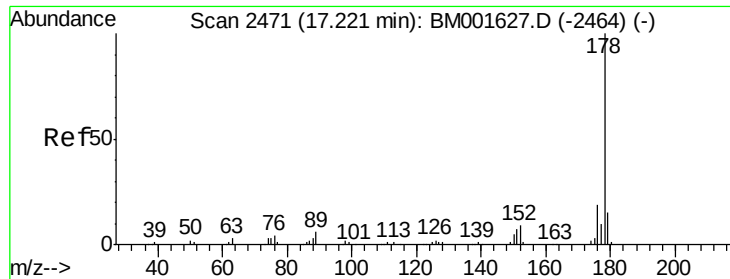


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

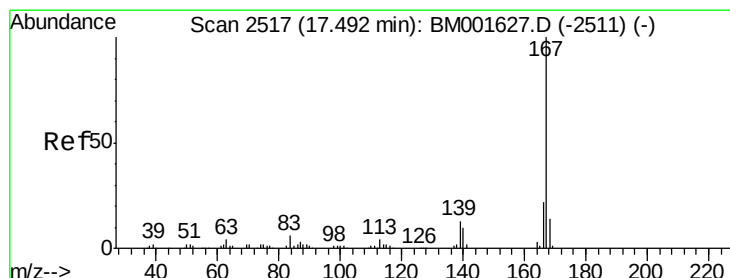
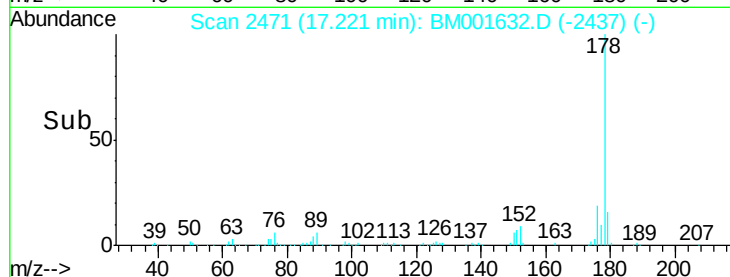
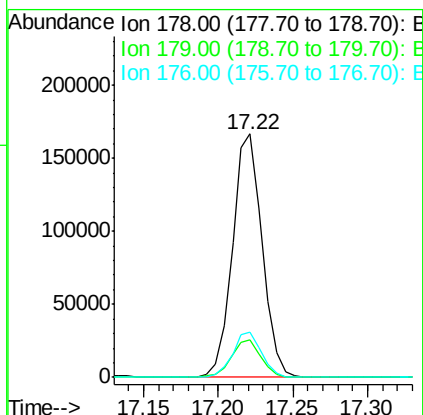
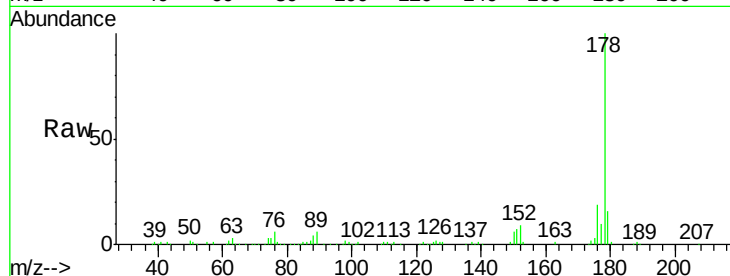




#71
 Anthracene
 Concen: 11.41 ng/ul
 RT: 17.22 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: BM001632.D
 Acq: 10 Jun 2015 15:35

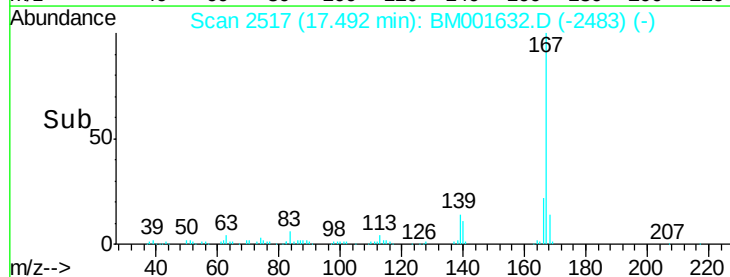
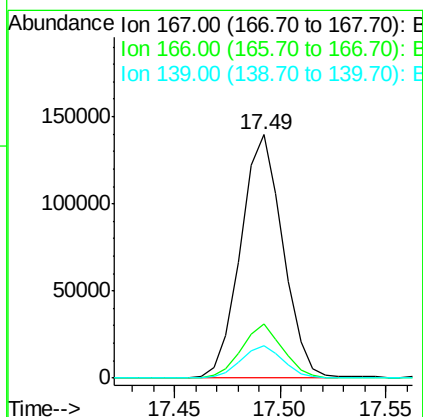
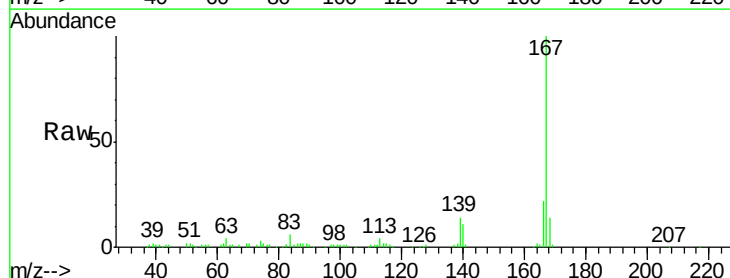
Instrument :
 BNA_M
 ClientSampleId :
 X1T61

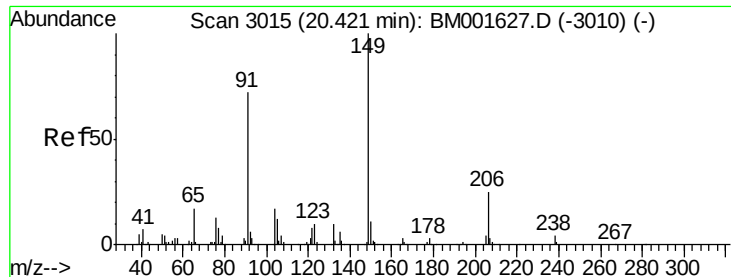
Tgt Ion:178 Resp: 231032
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.4 18.6
 176 18.6 14.6 21.8



#72
 Carbazole
 Concen: 11.19 ng/ul
 RT: 17.49 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BM001632.D
 Acq: 10 Jun 2015 15:35

Tgt Ion:167 Resp: 194325
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.2 24.2
 139 13.5 9.8 14.8

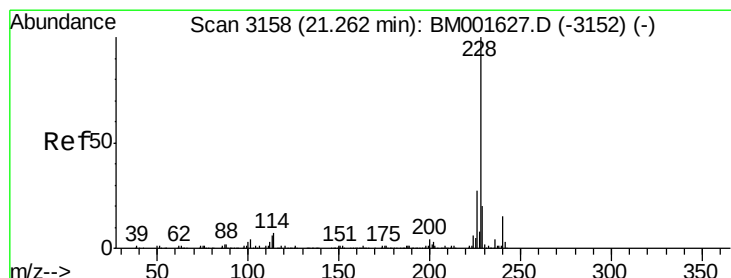
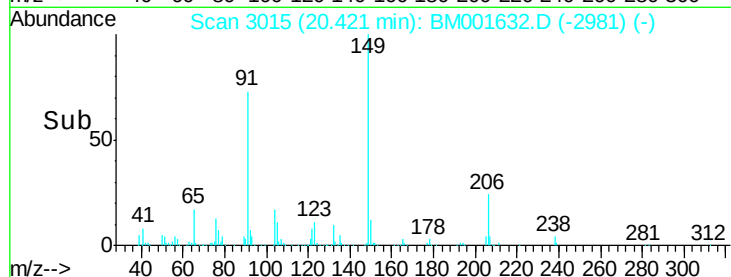
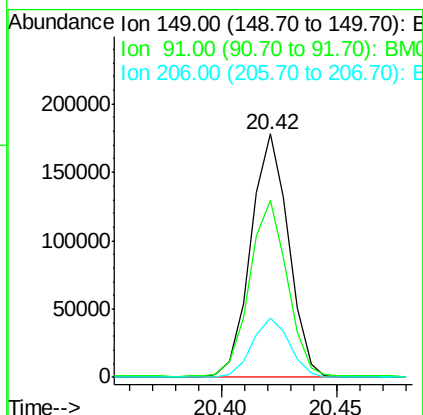
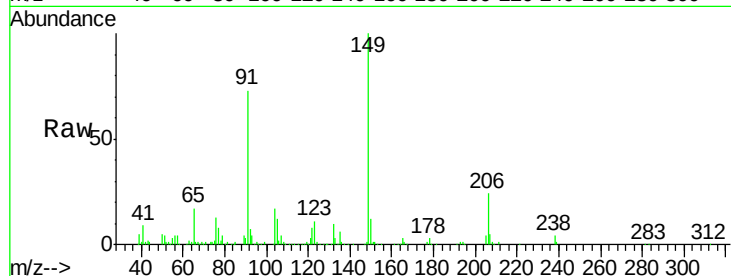




#78
Butylbenzylphthalate
Concen: 26.23 ng/ul
RT: 20.42 min Scan# 3015
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

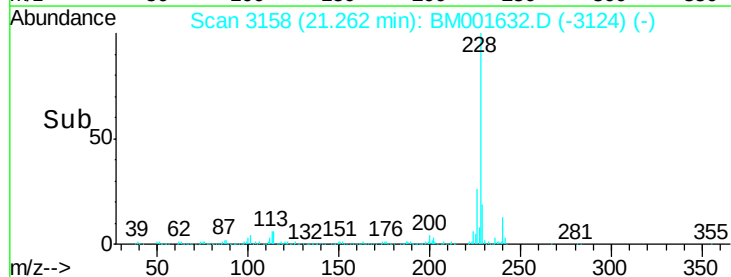
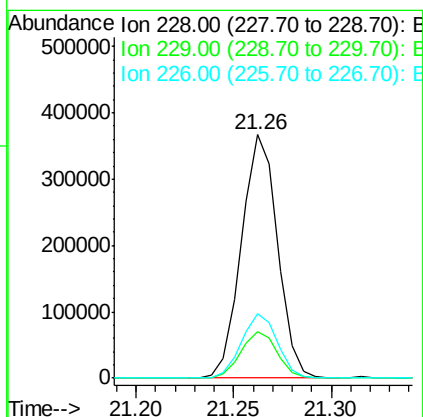
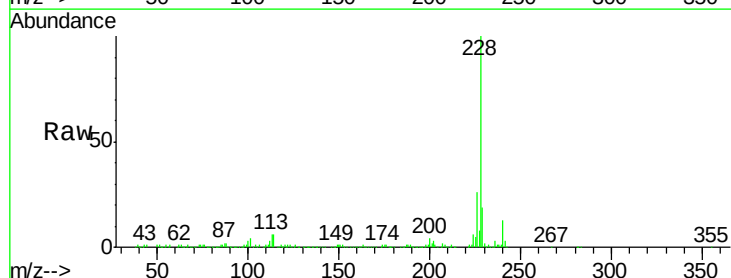
Instrument :
BNA_M
ClientSampleId :
X1T61

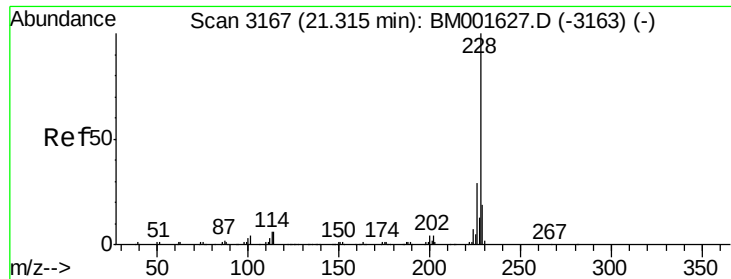
Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.9	59.7	89.5
206	24.4	15.9	23.9



#80
Benzo(a)anthracene
Concen: 19.39 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BM001632.D
Acq: 10 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.6	23.4
226	26.4	21.1	31.7





#82

Chrysene

Concen: 20.83 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.05 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

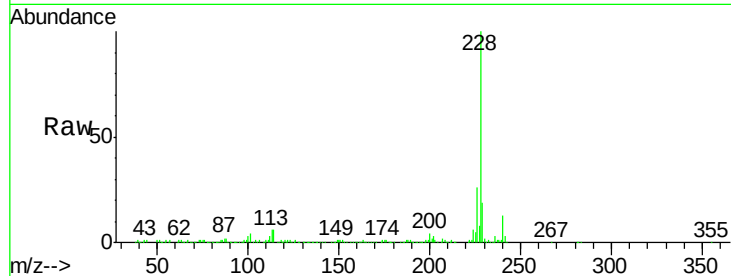
Tgt Ion:228 Resp: 472774

Ion Ratio Lower Upper

228 100

226 26.4 23.6 35.4

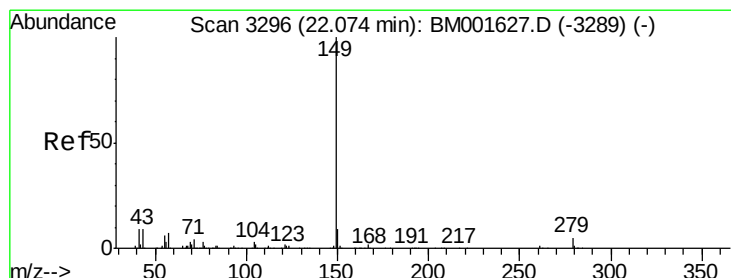
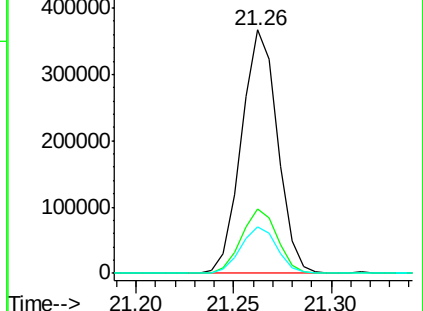
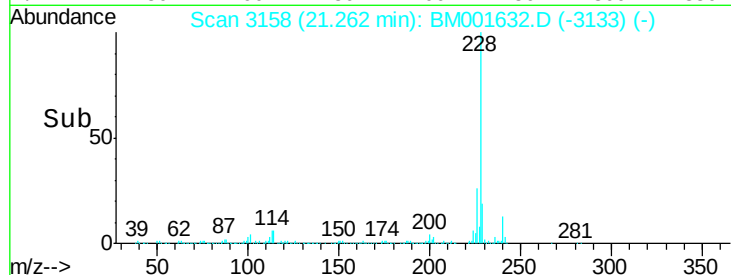
229 18.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 21.29 ng/ul

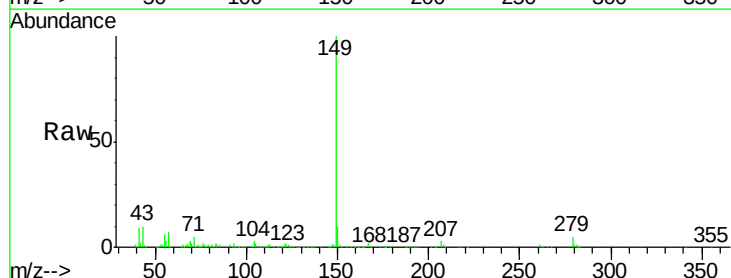
RT: 22.07 min Scan# 3296

Delta R.T. 0.00 min

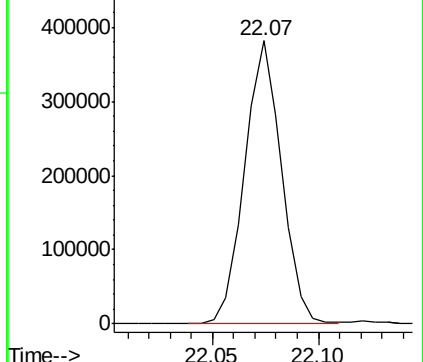
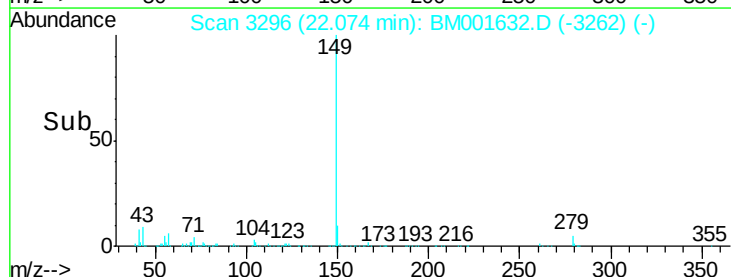
Lab File: BM001632.D

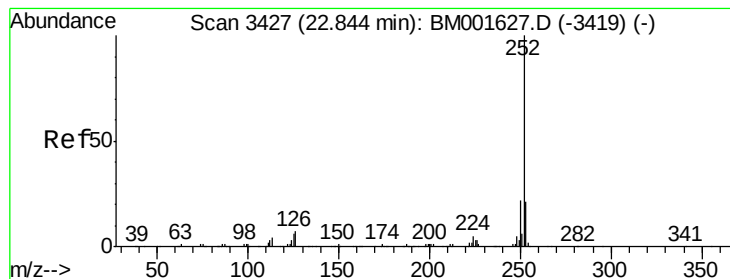
Acq: 10 Jun 2015 15:35

Tgt Ion:149 Resp: 459346



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 20.66 ng/ul

RT: 22.84 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

Instrument :

BNA_M

ClientSampleId :

X1T61

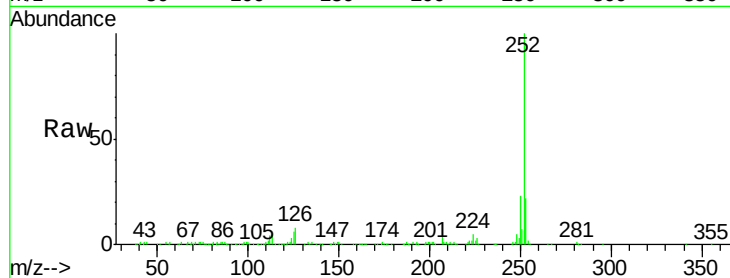
Tgt Ion:252 Resp: 547750

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

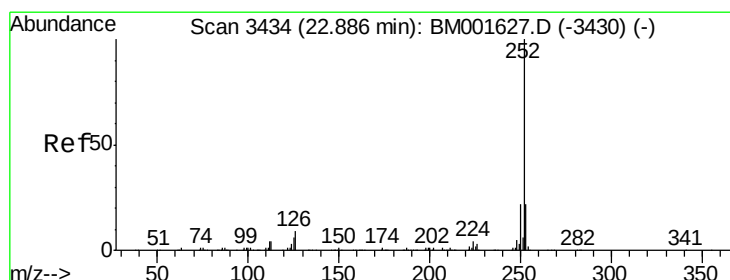
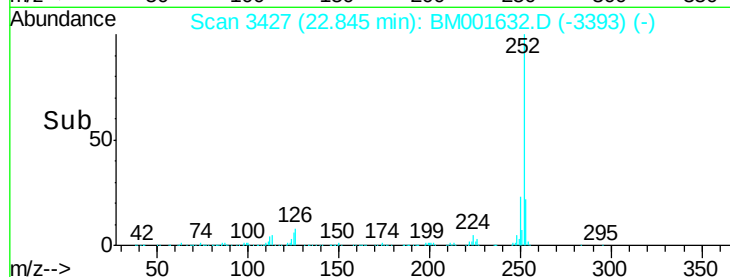
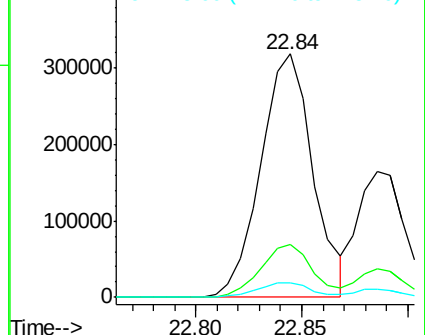
125 6.1 9.7 14.5#



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



#86

Benzo(k)fluoranthene

Concen: 9.85 ng/ul

RT: 22.89 min Scan# 3434

Delta R.T. 0.00 min

Lab File: BM001632.D

Acq: 10 Jun 2015 15:35

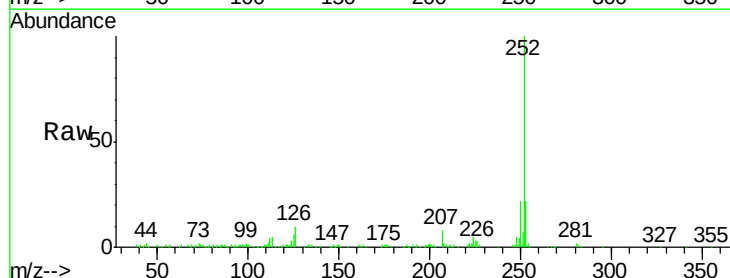
Tgt Ion:252 Resp: 254507

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 6.3 9.3 13.9#



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

