

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005551.D
 Acq On : 21 May 2016 15:28
 Operator : UM/SJ
 Sample : H2841-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WR3

Quant Time: May 22 04:56:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 22 04:56:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	58498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	265034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	162446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	383782	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	425112	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	399884	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	3925	2.94	ng/uL	0.00
5) Phenol-d5	6.98	99	118508	24.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	74580	26.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	97974	24.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	97811	24.89	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	49381	24.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	44270	19.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	103537	24.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	30822	7.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	260731	19.66	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	490269	29.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	48629	19.39	ng/ul	0.00
57) Fluorene-d10	15.45	176	371492	32.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	19082	8.64	ng/ul	0.00
70) Anthracene-d10	17.29	188	626204	34.25	ng/ul	0.00
76) Pyrene-d10	19.58	212	726682	37.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	656048	35.13	ng/ul	0.00

Target Compounds

						Qvalue
8) Bis(2-Chloroethyl)ether	7.25	93	128900	34.54	ng/ul	99
10) 2-Chlorophenol	7.39	128	15504	3.86	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	128219	25.73	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	36599	11.71	ng/ul	96
17) Hexachloroethane	8.90	117	21874	13.62	ng/ul	97
21) Isophorone	9.53	82	65645	7.15	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	186240	34.45	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	55601	13.43	ng/ul	95
28) Naphthalene	10.66	128	88008	6.61	ng/ul	99
30) 4-Chloroaniline	10.77	127	4806	1.12	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	72956	13.15	ng/ul	99
37) Hexachlorocyclopentadiene	12.62	237	43134	12.37	ng/ul	94
38) 2,4,6-Trichlorophenol	12.95	196	77081	21.31	ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	77081	19.35	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	219901	20.93	ng/ul	100
44) Dimethylphthalate	13.91	163	39918	3.05	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	59836	22.59	ng/ul	98
47) Acenaphthylene	14.17	152	124299	7.38	ng/ul	99
53) Dibenzofuran	14.85	168	156378	9.86	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	36246	9.38	ng/ul	95
58) Fluorene	15.50	166	319808	25.20	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	81234	12.81	ng/ul	99
60) 4-Nitroaniline	15.50	138	4006	1.34	ng/ul#	17

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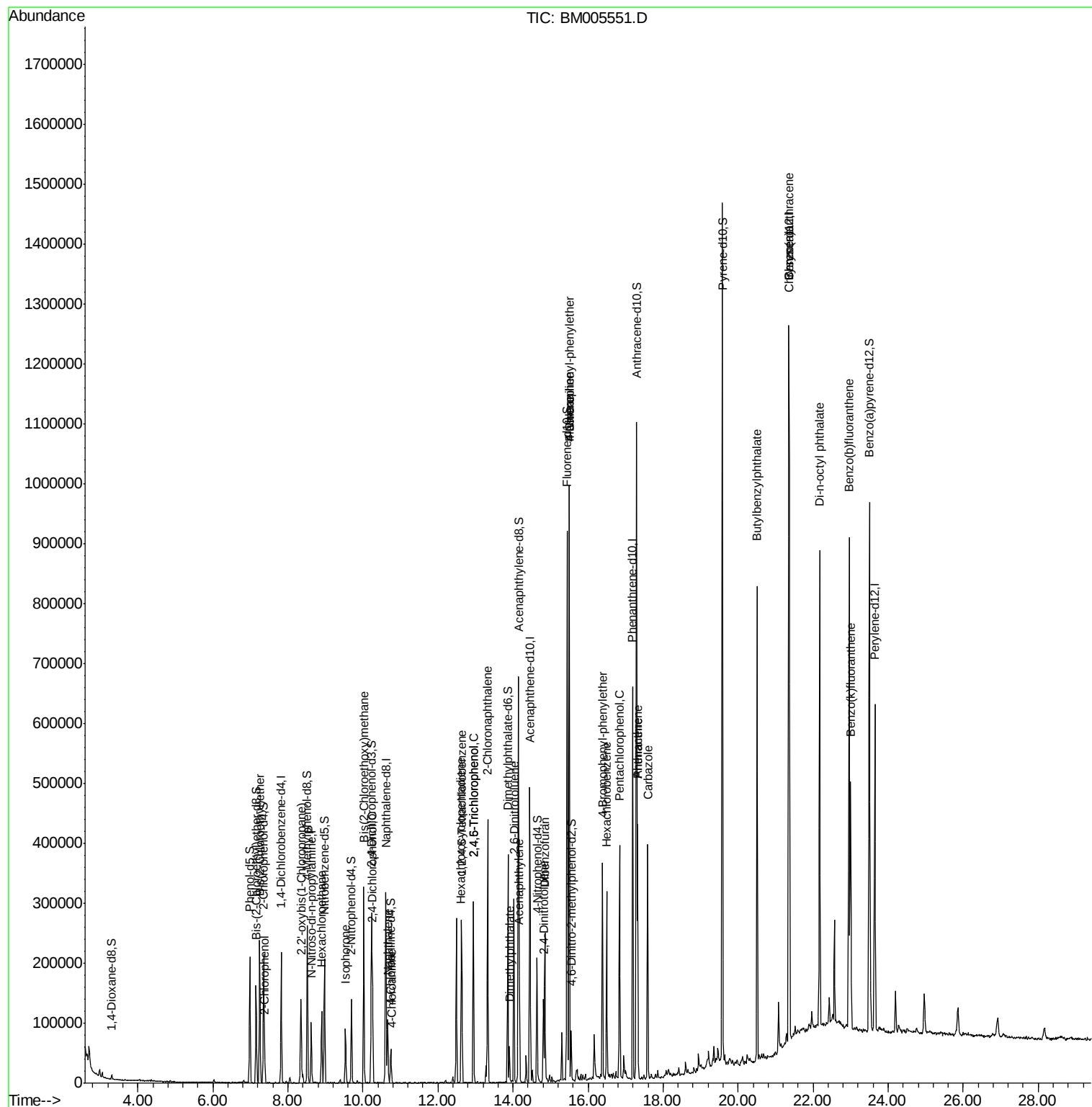
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 4-Bromophenyl-phenylether	16.39	248	67834	15.87	ng/ul	99
66) Hexachlorobenzene	16.50	284	63834	13.11	ng/ul	97
68) Pentachlorophenol	16.84	266	66191	22.64	ng/ul	98
69) Phenanthrene	17.32	178	262726	12.25	ng/ul	98
71) Anthracene	17.32	178	262726	12.02	ng/ul	99
72) Carbazole	17.59	167	243435	12.83	ng/ul	99
78) Butylbenzylphthalate	20.51	149	231083	22.43	ng/ul	99
80) Benzo(a)anthracene	21.35	228	518124	20.74	ng/ul	99
82) Chrysene	21.35	228	518124	21.79	ng/ul	97
84) Di-n-octyl phthalate	22.17	149	518887	22.62	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	559990	23.74	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	273222	12.24	ng/ul	99

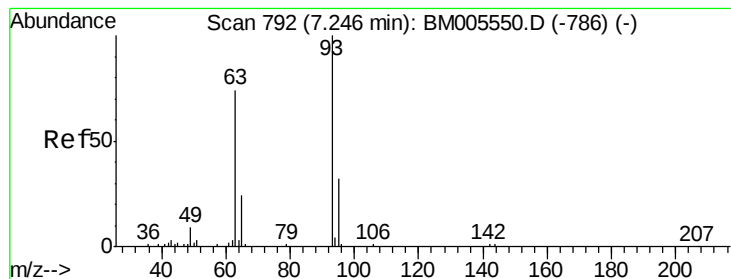
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 34.54 ng/ul

RT: 7.25 min Scan# 792

Delta R.T. 0.00 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

Instrument :

BNA_M

ClientSampleId :

D9WR3

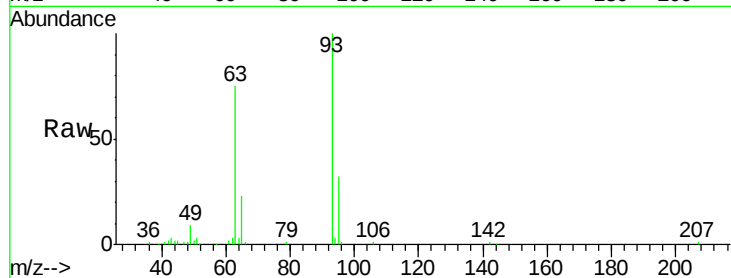
Tgt Ion: 93 Resp: 128900

Ion Ratio Lower Upper

93 100

63 75.3 60.2 90.4

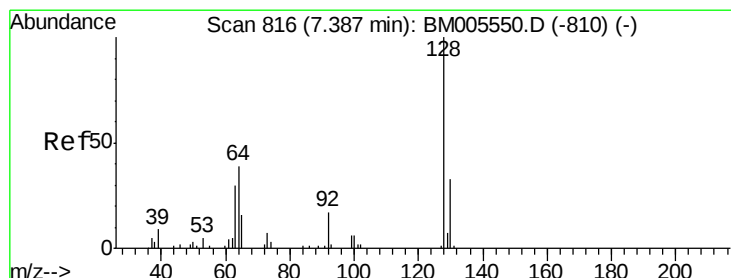
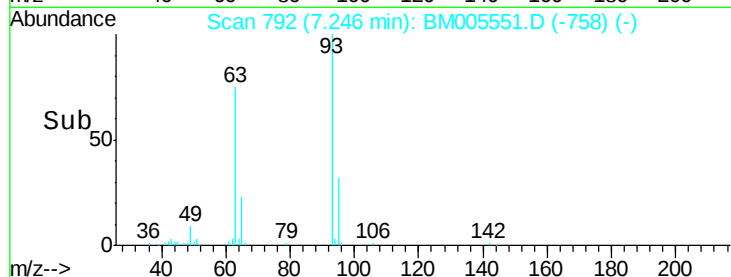
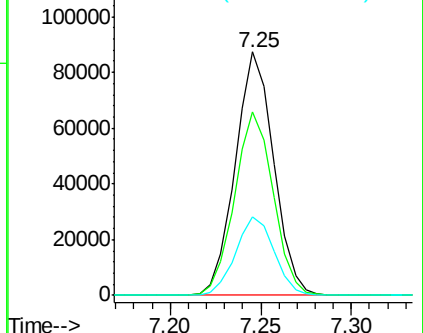
95 32.4 24.1 36.1



Abundance Ion 93.00 (92.70 to 93.70): BM005551.D (-758) (-)

Ion 63.00 (62.70 to 63.70): BM005551.D (-758) (-)

Ion 95.00 (94.70 to 95.70): BM005551.D (-758) (-)



#10

2-Chlorophenol

Concen: 3.86 ng/ul

RT: 7.39 min Scan# 816

Delta R.T. 0.00 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

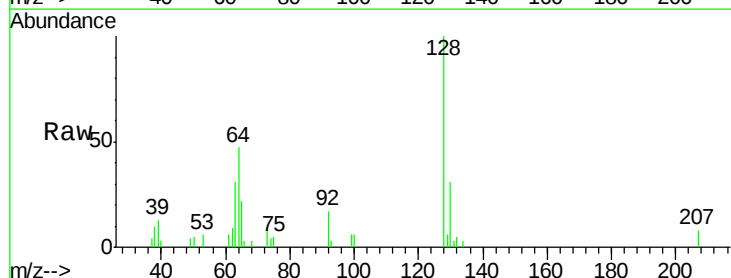
Tgt Ion: 128 Resp: 15504

Ion Ratio Lower Upper

128 100

64 46.9 37.3 55.9

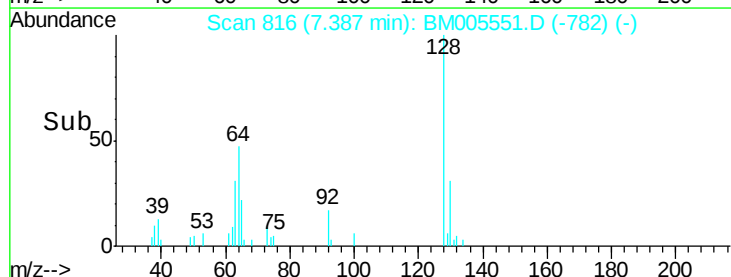
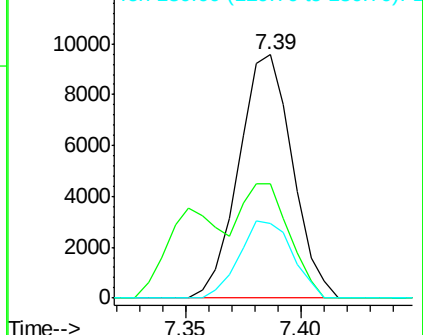
130 30.7 26.6 40.0

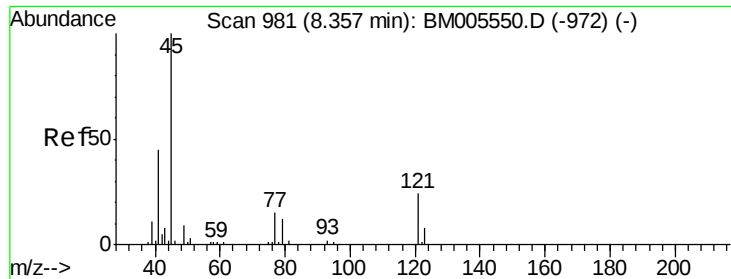


Abundance Ion 128.00 (127.70 to 128.70): BM005551.D (-782) (-)

Ion 64.00 (63.70 to 64.70): BM005551.D (-782) (-)

Ion 130.00 (129.70 to 130.70): BM005551.D (-782) (-)

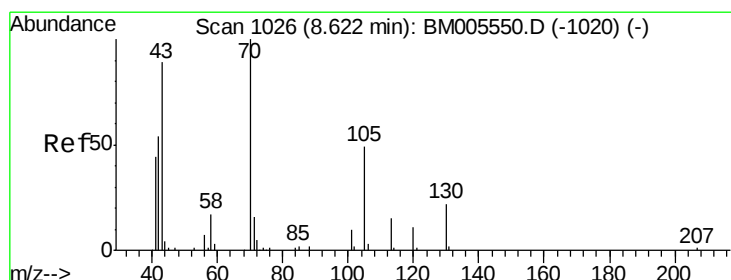
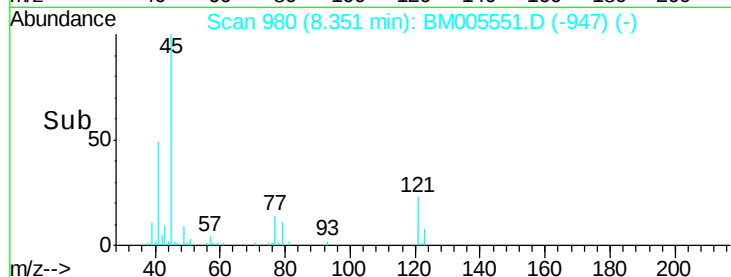
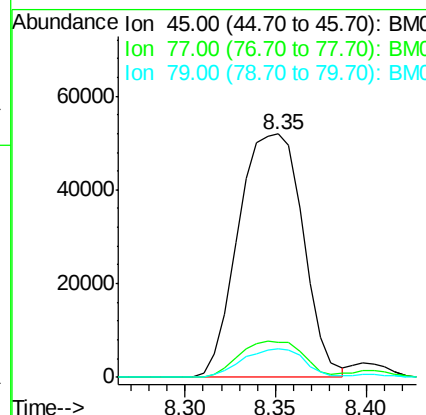
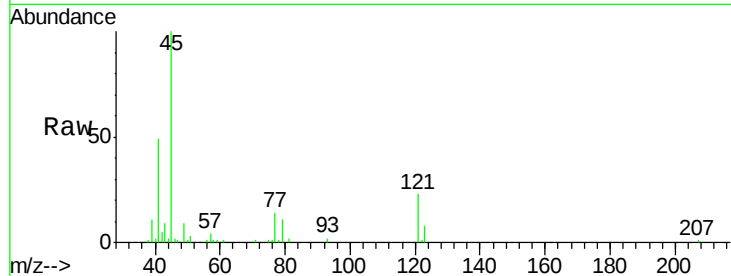




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 25.73 ng/ul
 RT: 8.35 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

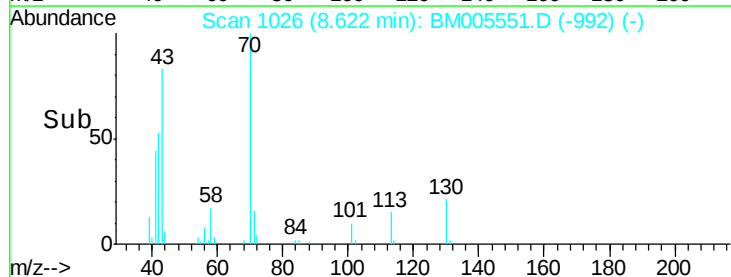
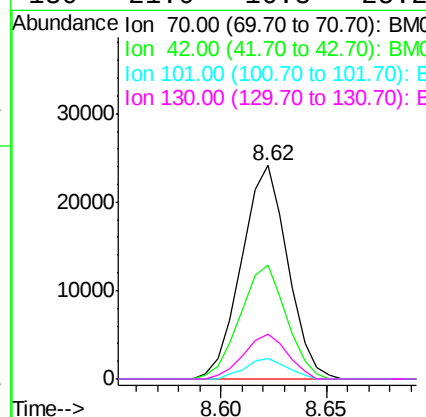
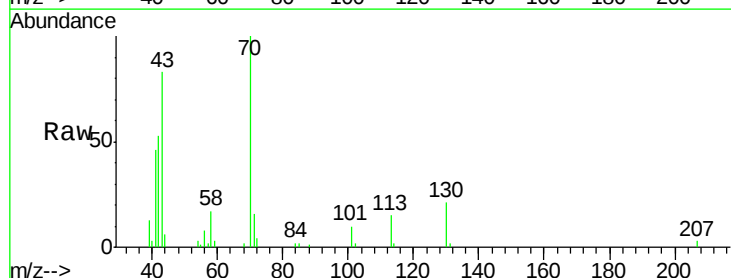
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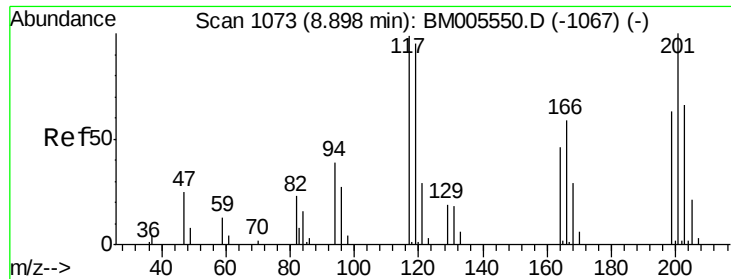
Tgt Ion: 45 Resp: 128219
 Ion Ratio Lower Upper
 45 100
 77 14.4 12.1 18.1
 79 11.5 9.4 14.2



#15
 N-Nitroso-di-n-propylamine
 Concen: 11.71 ng/ul
 RT: 8.62 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

Tgt Ion: 70 Resp: 36599
 Ion Ratio Lower Upper
 70 100
 42 53.2 46.1 69.1
 101 9.6 8.0 12.0
 130 21.0 16.8 25.2

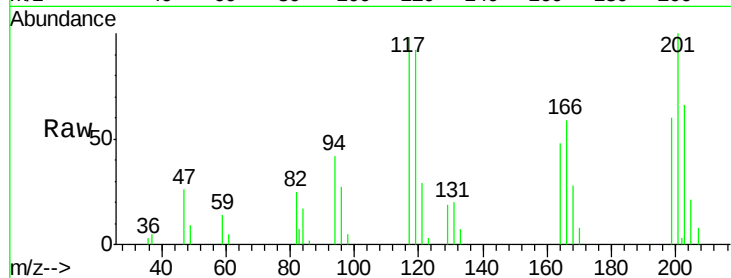




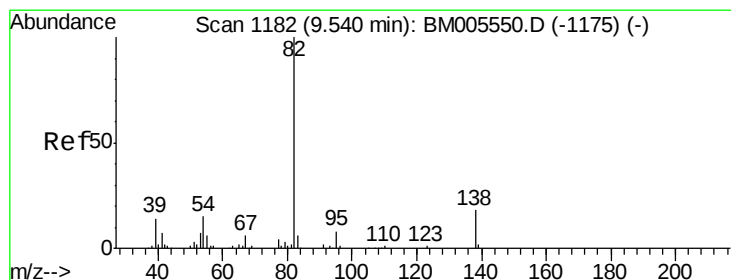
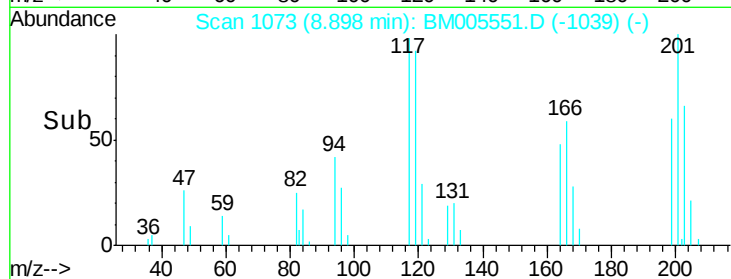
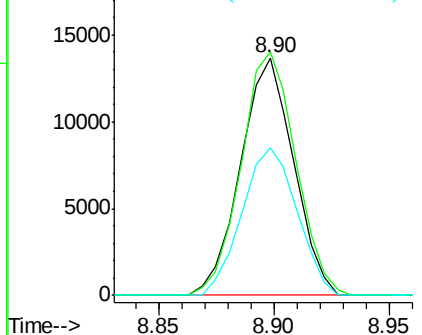
#17
Hexachloroethane
Concen: 13.62 ng/ul
RT: 8.90 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Instrument :
BNA_M
ClientSampleId :
D9WR3

Tgt Ion: 117 Resp: 21874
Ion Ratio Lower Upper
117 100
201 102.5 84.8 127.2
199 61.9 50.5 75.7

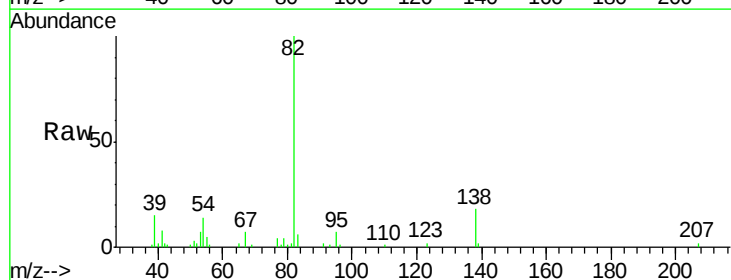


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

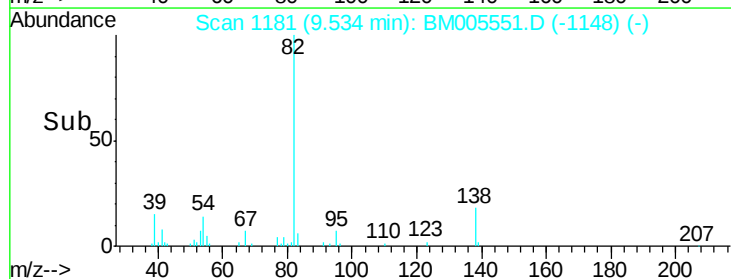
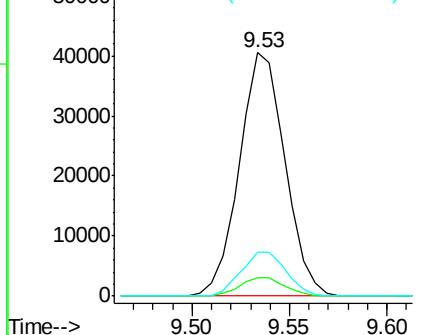


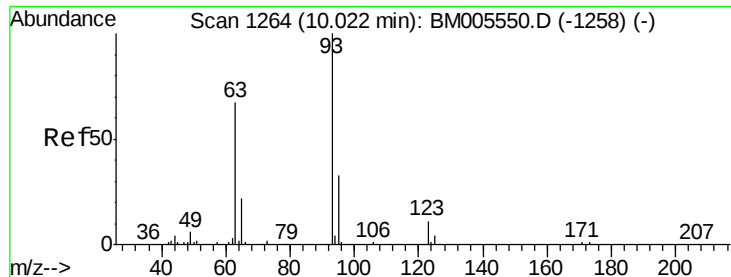
#21
Isophorone
Concen: 7.15 ng/ul
RT: 9.53 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Tgt Ion: 82 Resp: 65645
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 18.0 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 34.45 ng/ul

RT: 10.02 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

Instrument :

BNA_M

ClientSampleId :

D9WR3

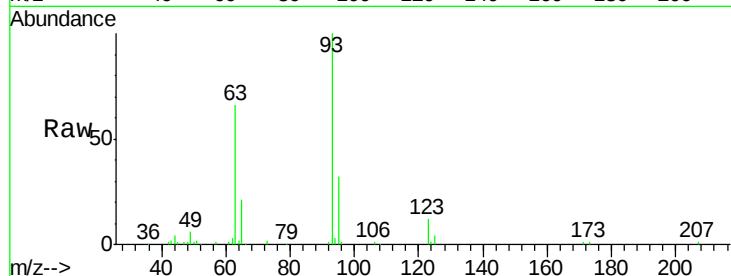
Tgt Ion: 93 Resp: 186240

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

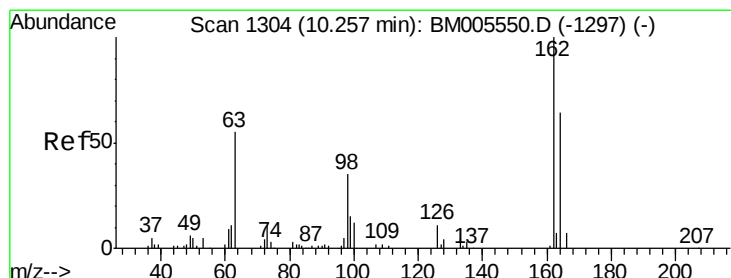
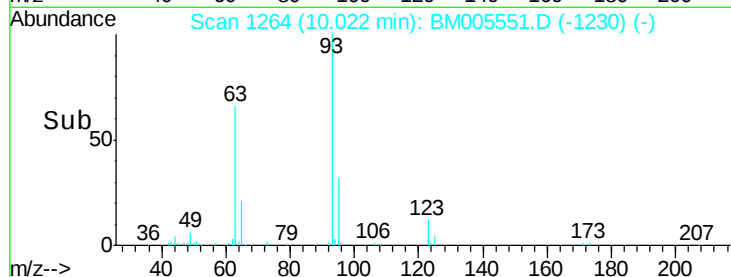
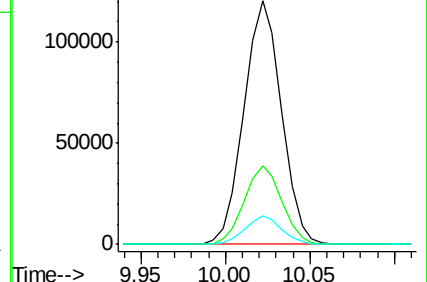
123 11.8 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BM005551.D (-1258) (-)

Ion 95.00 (94.70 to 95.70): BM005551.D (-1258) (-)

Ion 123.00 (122.70 to 123.70): BM005551.D (-1258) (-)



#27

2,4-Dichlorophenol

Concen: 13.43 ng/ul

RT: 10.25 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

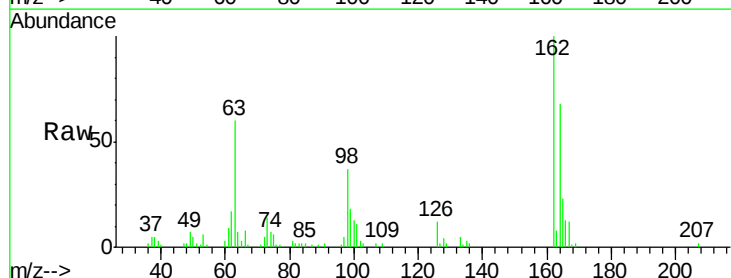
Tgt Ion: 162 Resp: 55601

Ion Ratio Lower Upper

162 100

164 68.5 50.9 76.3

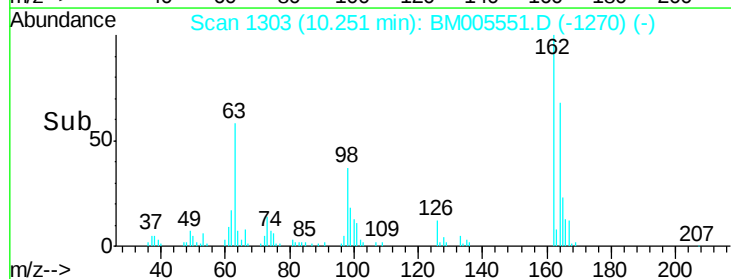
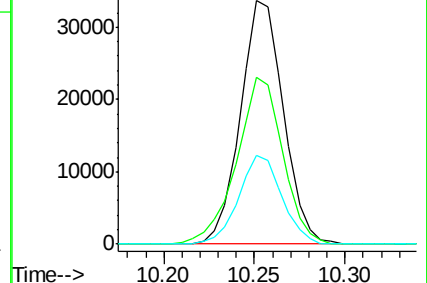
98 36.6 27.7 41.5

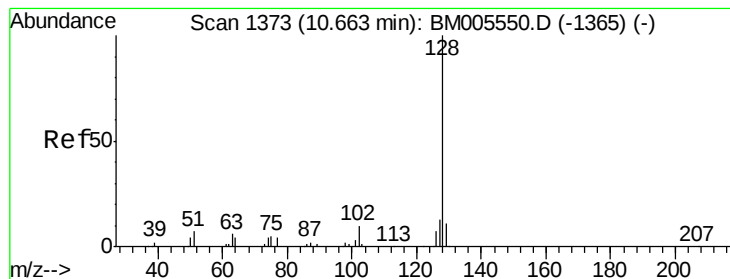


Abundance Ion 162.00 (161.70 to 162.70): BM005551.D (-1297) (-)

Ion 164.00 (163.70 to 164.70): BM005551.D (-1297) (-)

Ion 98.00 (97.70 to 98.70): BM005551.D (-1297) (-)





#28

Naphthalene

Concen: 6.61 ng/ul

RT: 10.66 min Scan# 1372

Delta R.T. -0.01 min

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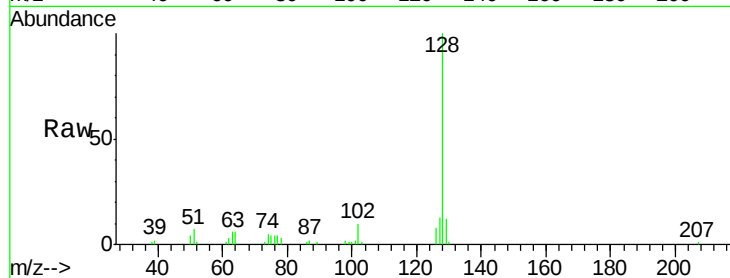
Tgt Ion:128 Resp: 88008

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

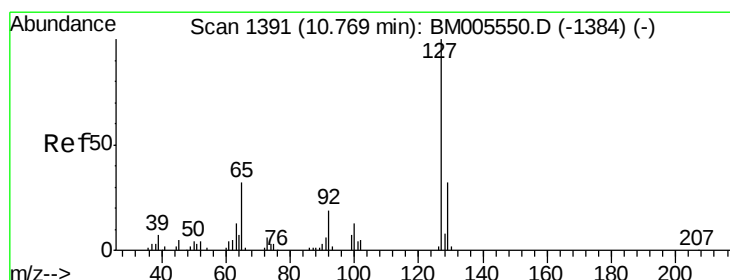
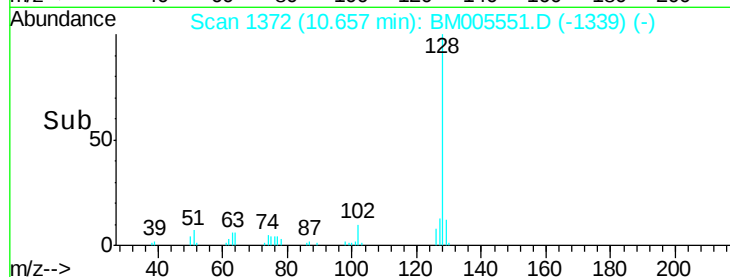
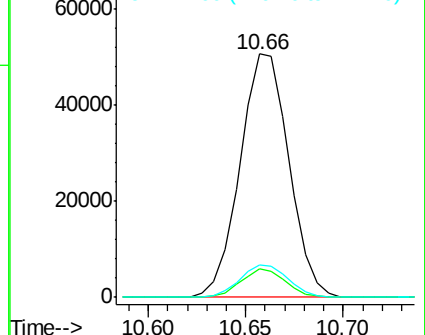
127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 1.12 ng/ul

RT: 10.77 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BM005551.D

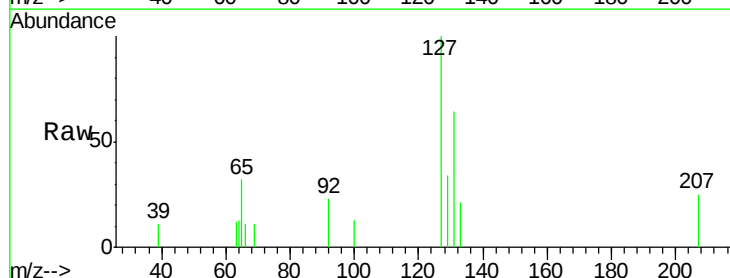
Acq: 21 May 2016 15:28

Tgt Ion:127 Resp: 4806

Ion Ratio Lower Upper

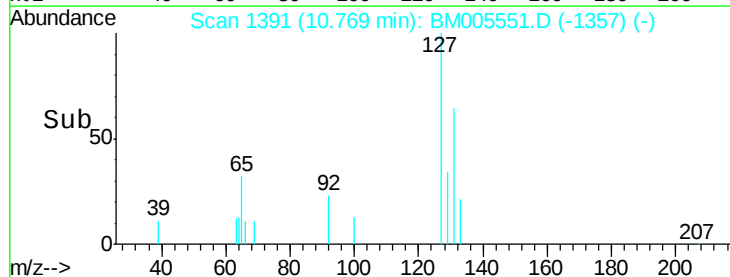
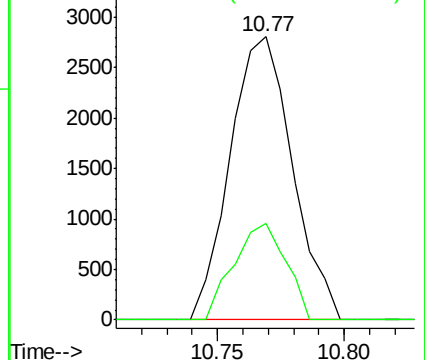
127 100

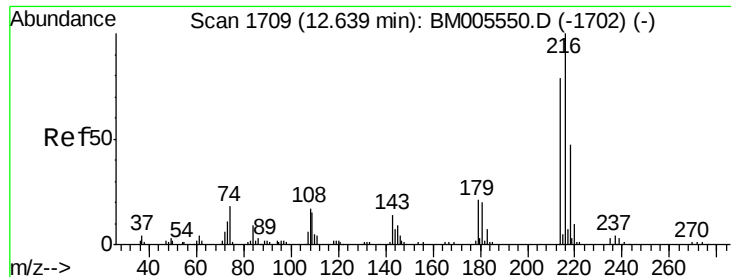
129 34.2 26.9 40.3



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

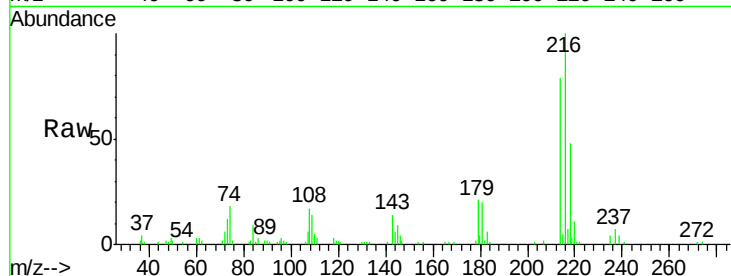




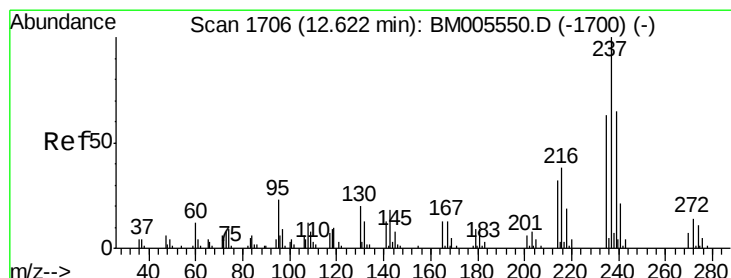
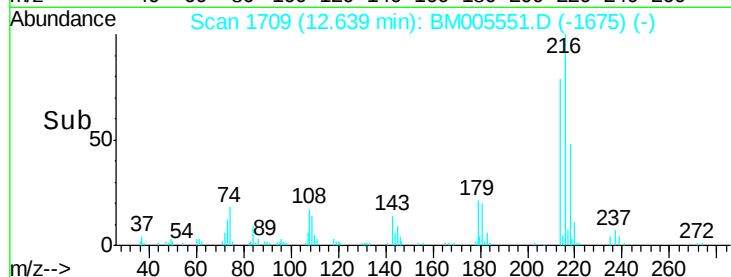
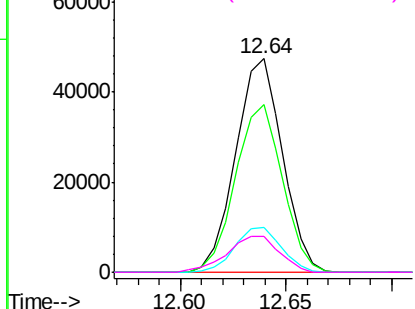
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 13.15 ng/ul
 RT: 12.64 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

Instrument :
 BNA_M
 ClientSampleId :
 D9WR3

Tgt Ion:	216	Resp:	72956
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.3	93.5
179	20.8	17.4	26.0
108	16.8	13.4	20.0

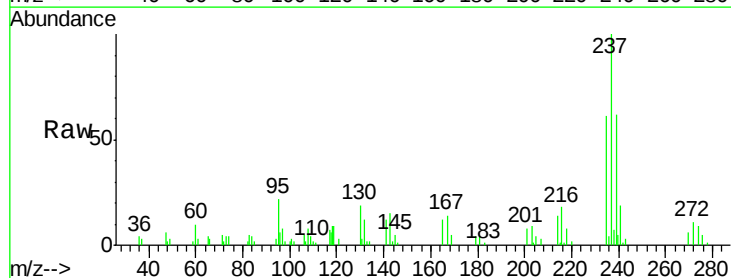


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

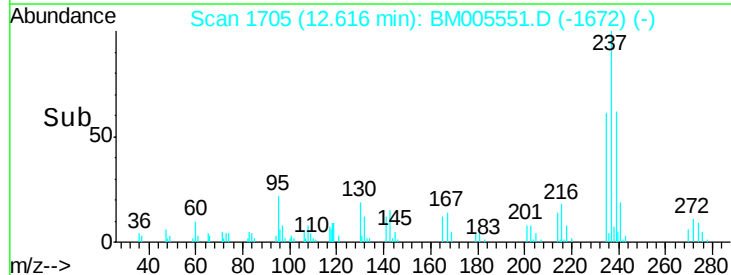
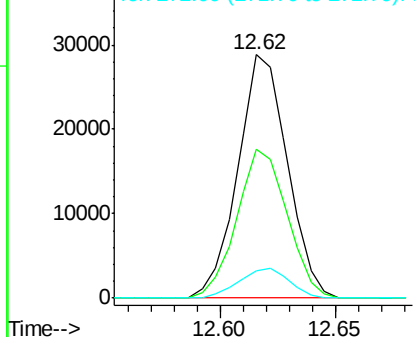


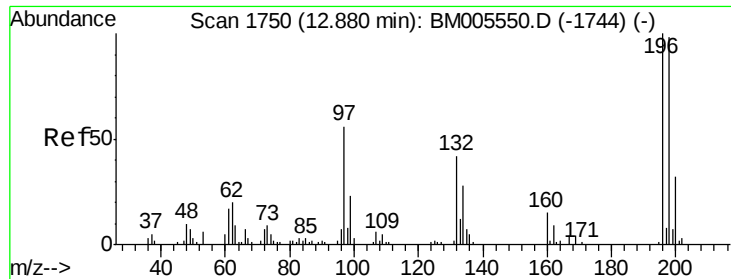
#37
 Hexachlorocyclopentadiene
 Concen: 12.37 ng/ul
 RT: 12.62 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

Tgt Ion:	237	Resp:	43134
Ion	Ratio	Lower	Upper
237	100		
235	61.1	53.3	79.9
272	11.4	10.6	15.8



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

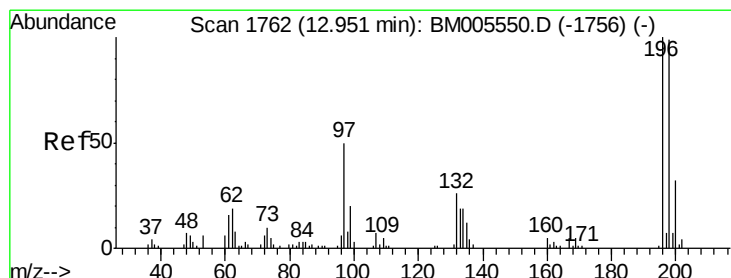
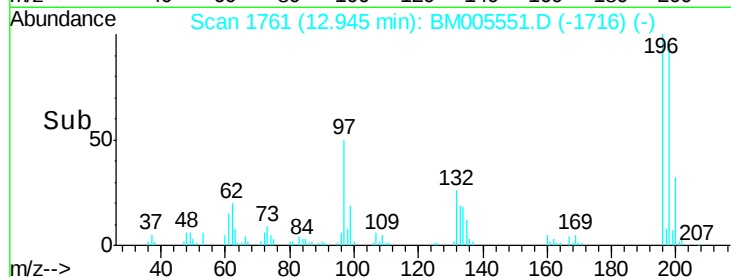
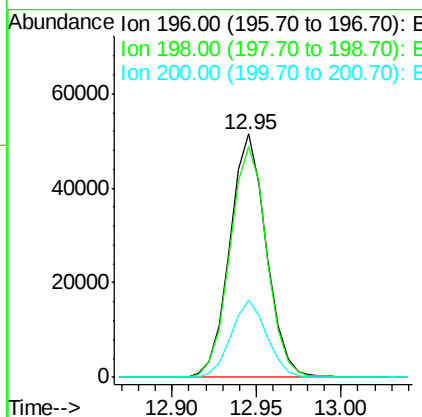
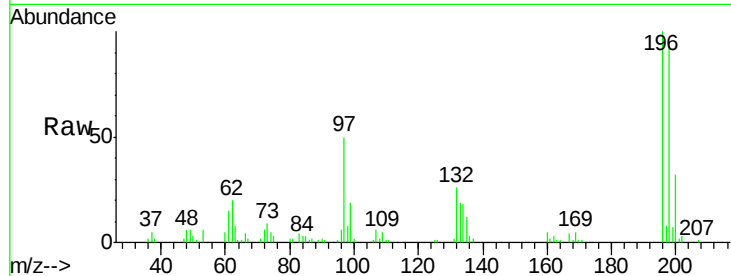




#38
 2,4,6-Trichlorophenol
 Concen: 21.31 ng/ul
 RT: 12.95 min Scan# 1761
 Delta R.T. 0.06 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

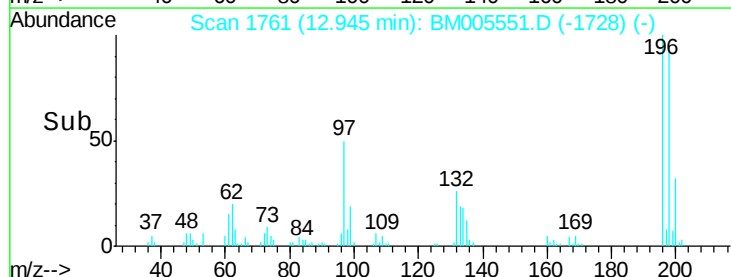
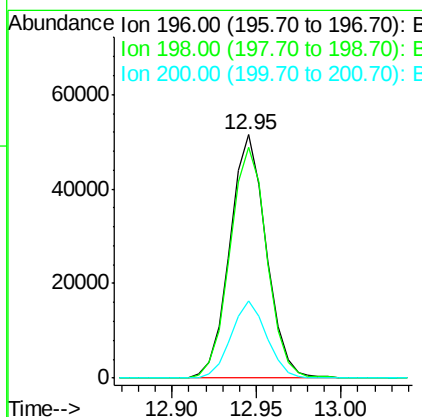
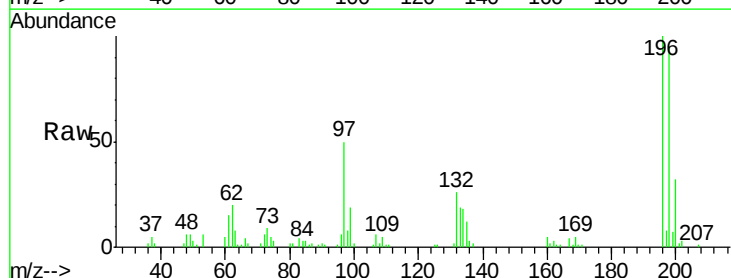
Instrument :
 BNA_M
 ClientSampleId :
 D9WR3

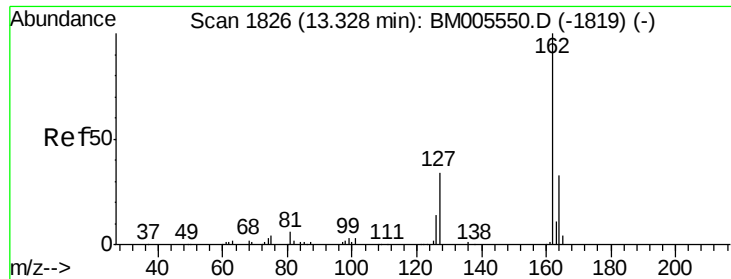
Tgt Ion:196 Resp: 77081
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.0 112.4
 200 31.6 25.2 37.8



#39
 2,4,5-Trichlorophenol
 Concen: 19.35 ng/ul
 RT: 12.95 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

Tgt Ion:196 Resp: 77081
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.0 112.4
 200 31.6 23.5 35.3

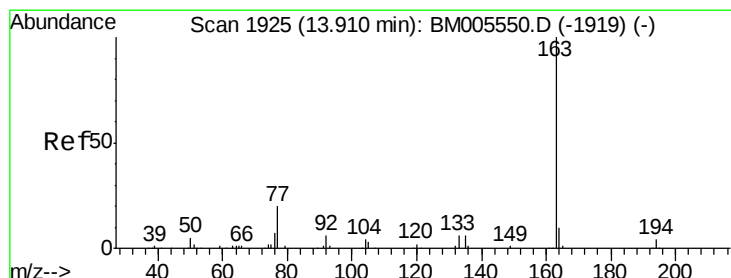
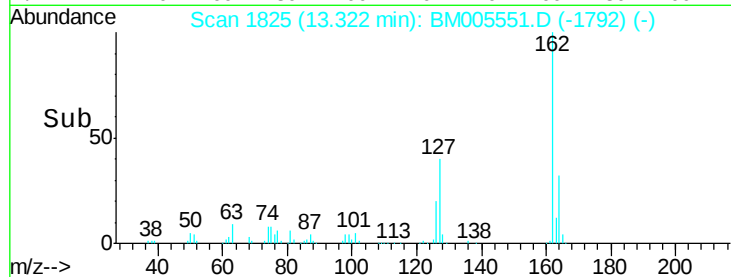
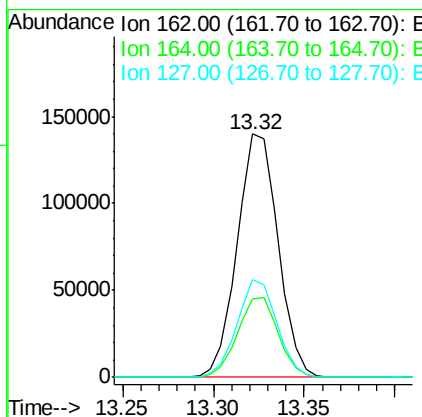
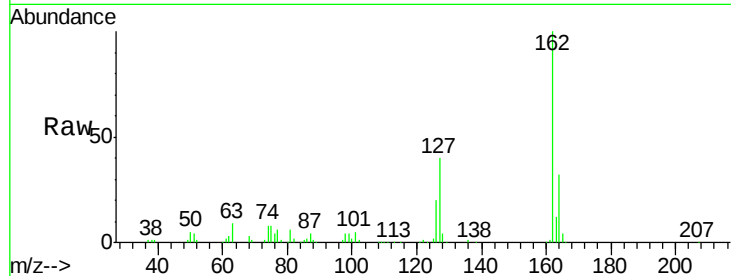




#41
2-Chloronaphthalene
Concen: 20.93 ng/ul
RT: 13.32 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

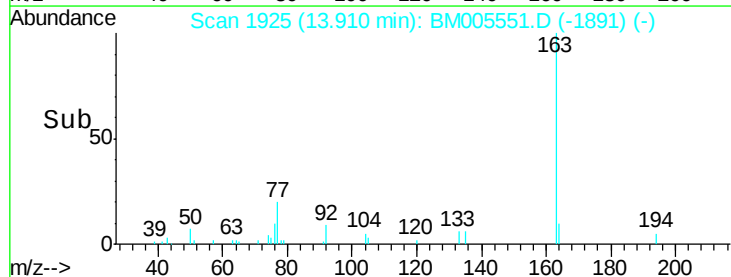
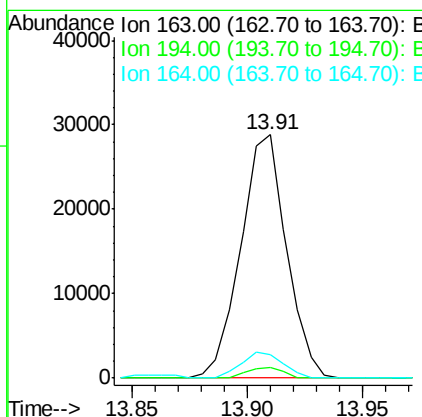
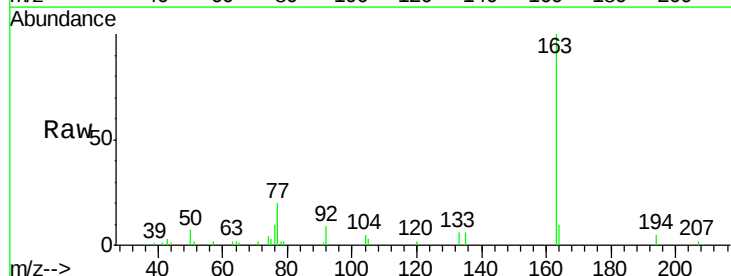
Instrument :
BNA_M
ClientSampleId :
D9WR3

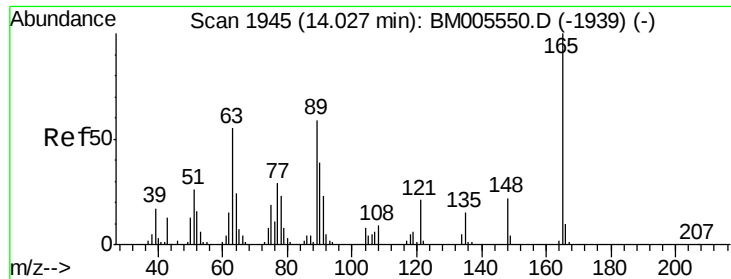
Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.0	25.9	38.9
127	40.0	32.0	48.0



#44
Dimethylphthalate
Concen: 3.05 ng/ul
RT: 13.91 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.5	8.0	12.0

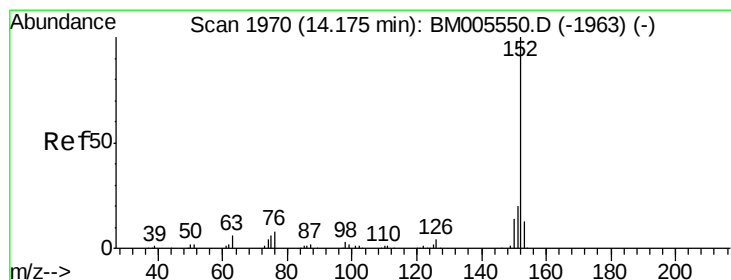
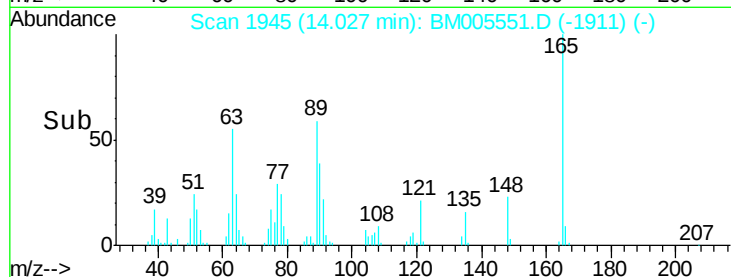
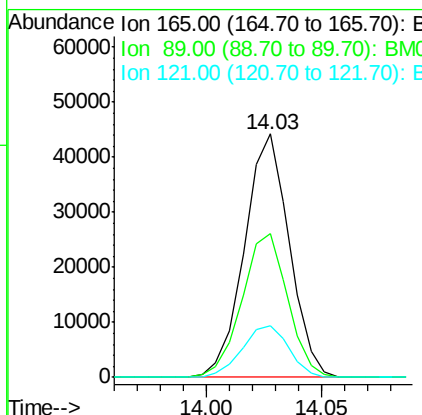
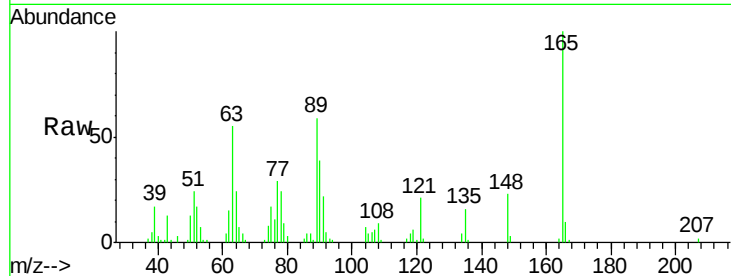




#45
 2,6-Dinitrotoluene
 Concen: 22.59 ng/ul
 RT: 14.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

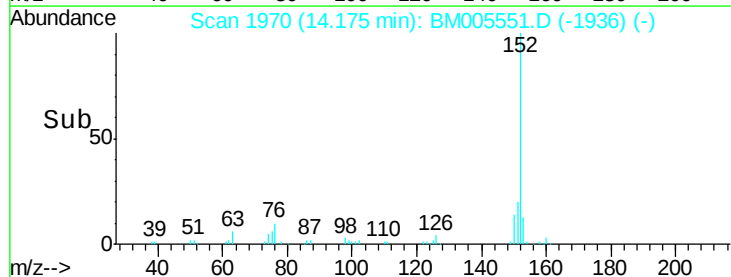
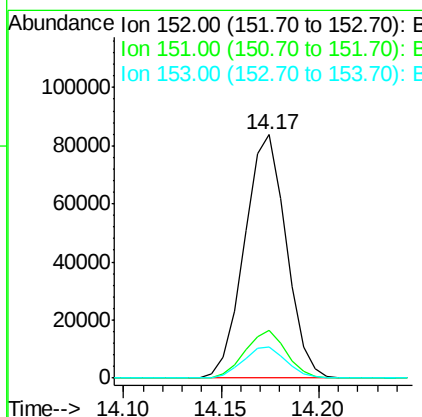
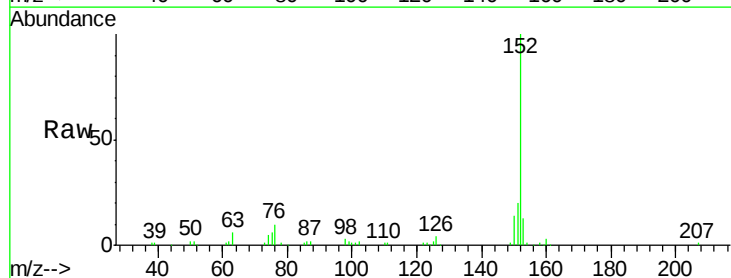
Instrument :
 BNA_M
 ClientSampled :
 D9WR3

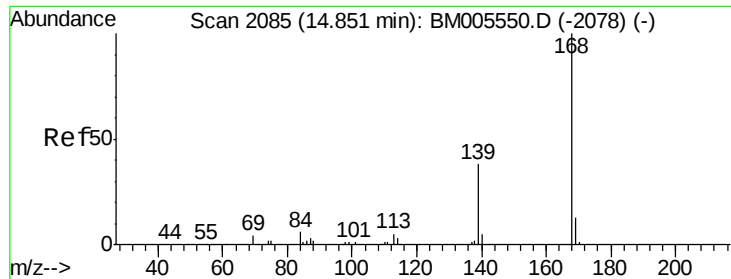
Tgt Ion	Ratio	Lower	Upper
165	100		
89	58.8	48.2	72.2
121	21.0	17.4	26.0



#47
 Acenaphthylene
 Concen: 7.38 ng/ul
 RT: 14.17 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.6	10.5	15.7





#53

Dibenzofuran

Concen: 9.86 ng/ul

RT: 14.85 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

Instrument :

BNA_M

ClientSampleId :

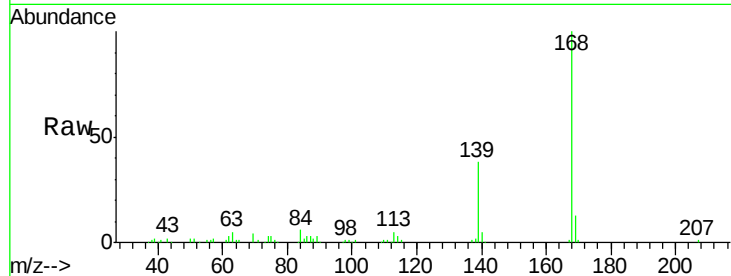
D9WR3

Tgt Ion:168 Resp: 156378

Ion Ratio Lower Upper

168 100

139 37.5 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

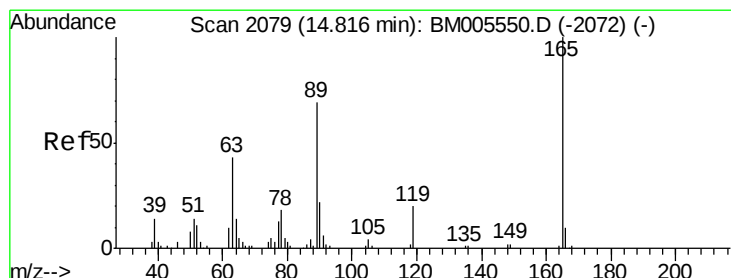
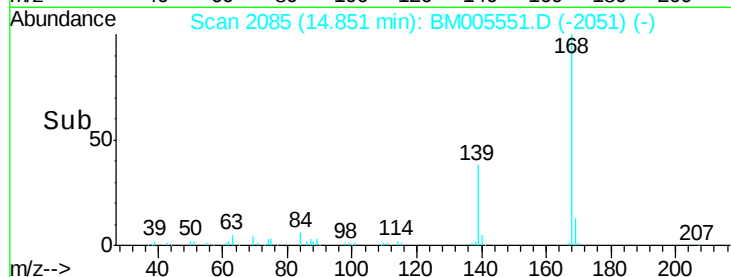
40000

20000

0

14.80 14.85 14.90

Time-->



#54

2,4-Dinitrotoluene

Concen: 9.38 ng/ul

RT: 14.81 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

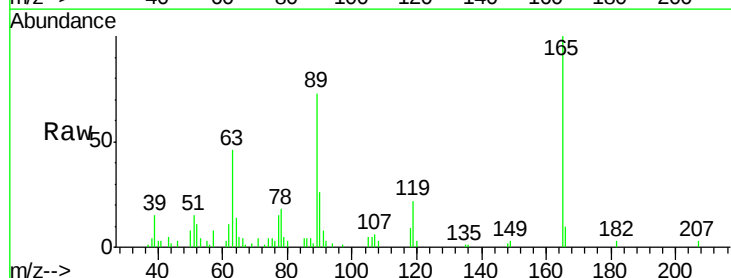
Tgt Ion:165 Resp: 36246

Ion Ratio Lower Upper

165 100

63 45.5 33.9 50.9

182 2.9 2.3 3.5



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

30000

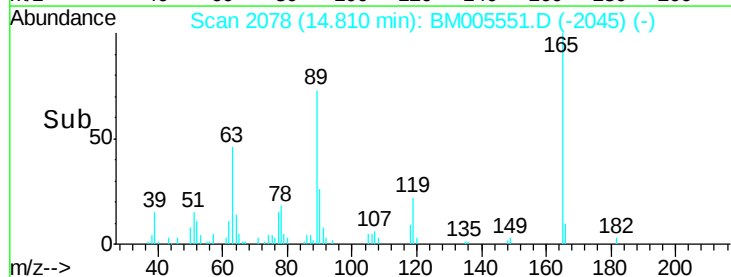
20000

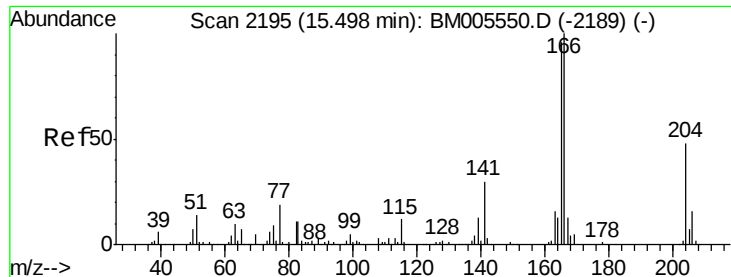
10000

0

14.80 14.85

Time-->





#58

Fluorene

Concen: 25.20 ng/ul

RT: 15.50 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

Instrument :

BNA_M

ClientSampleId :

D9WR3

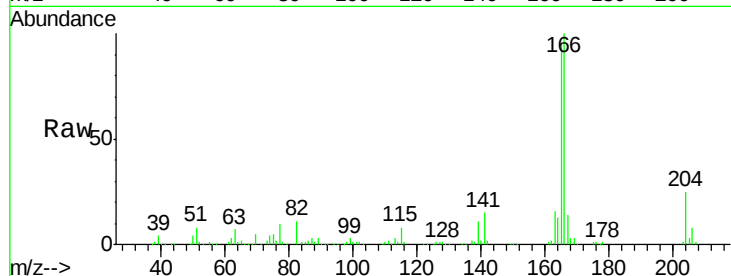
Tgt Ion:166 Resp: 319808

Ion Ratio Lower Upper

166 100

165 96.5 78.0 117.0

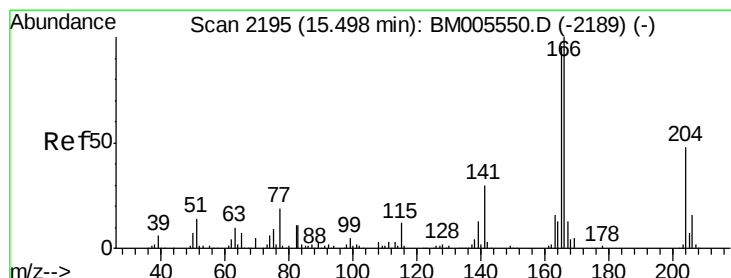
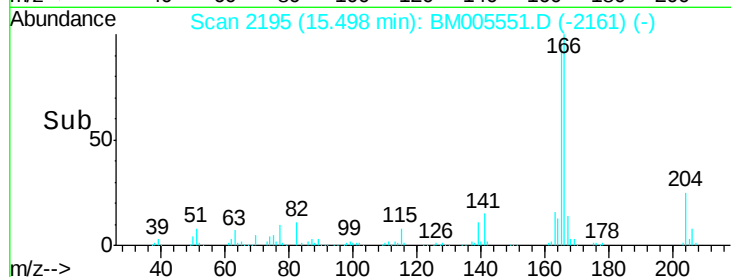
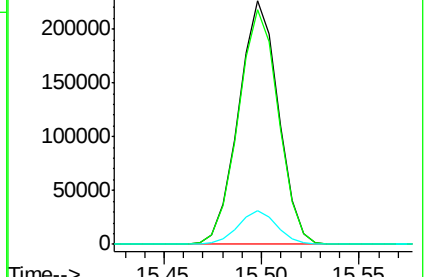
167 13.8 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

4-Chlorophenyl-phenylether

Concen: 12.81 ng/ul

RT: 15.49 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

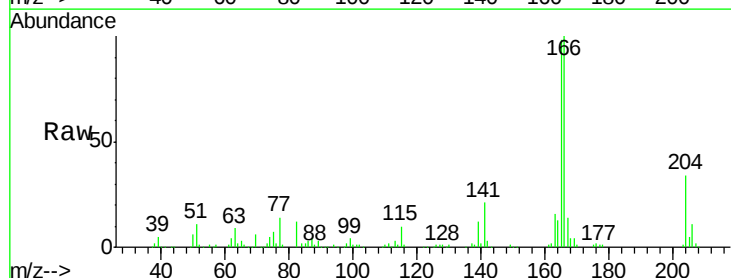
Tgt Ion:204 Resp: 81234

Ion Ratio Lower Upper

204 100

206 32.6 25.3 37.9

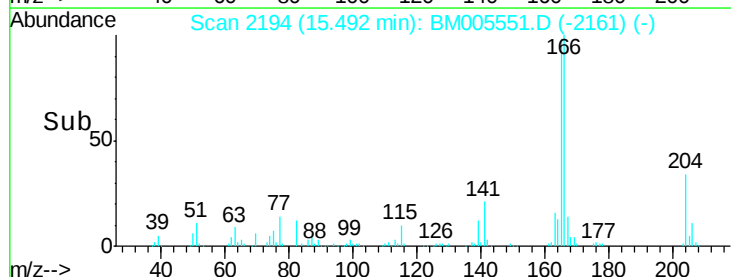
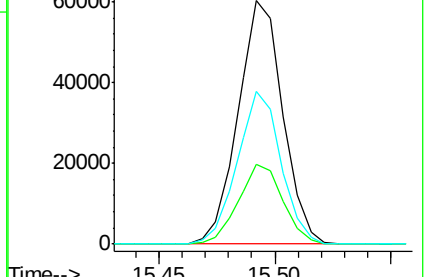
141 62.9 50.5 75.7

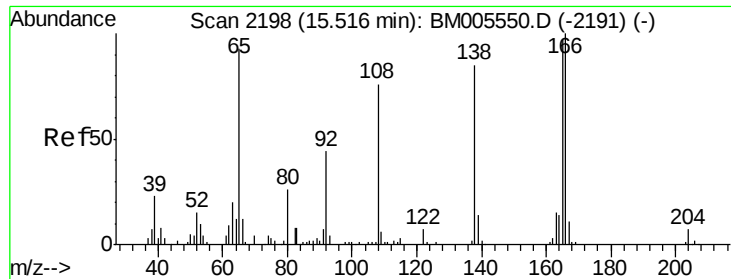


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

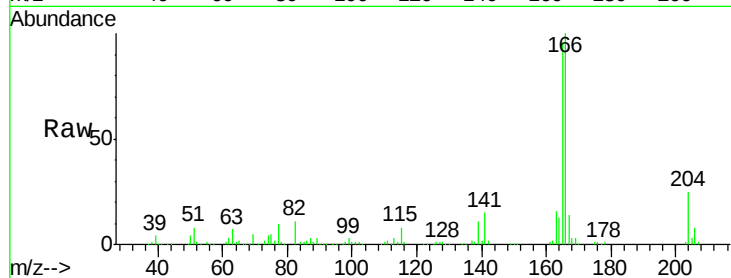




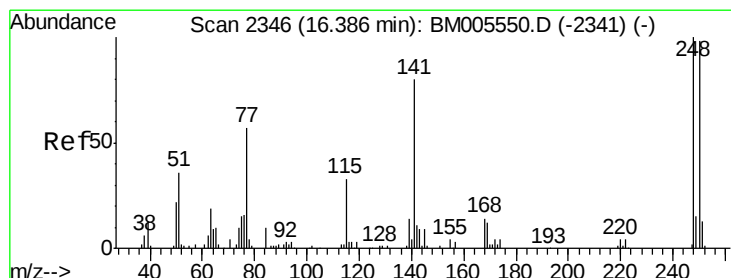
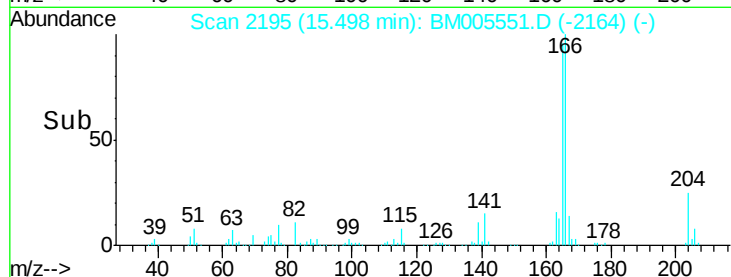
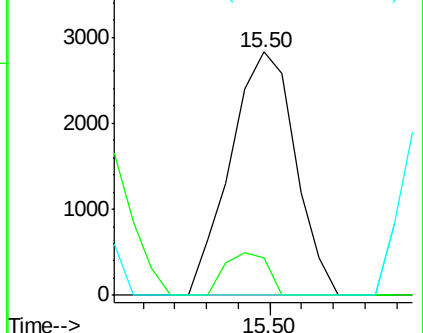
#60
4-Nitroaniline
Concen: 1.34 ng/ul
RT: 15.50 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Instrument :
BNA_M
ClientSampleId :
D9WR3

Tgt Ion:138 Resp: 4006
Ion Ratio Lower Upper
138 100
92 15.6 41.4 62.0#
108 0.0 79.4 119.0#

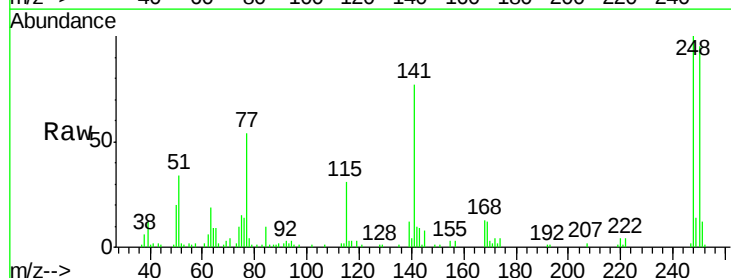


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

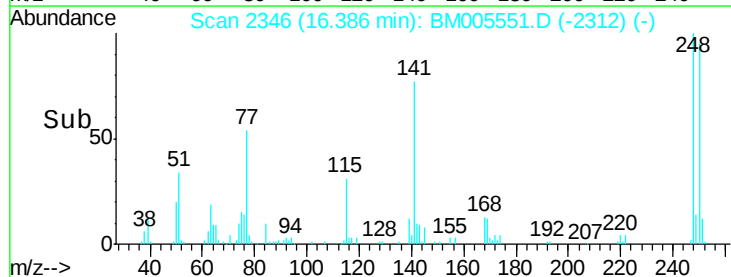
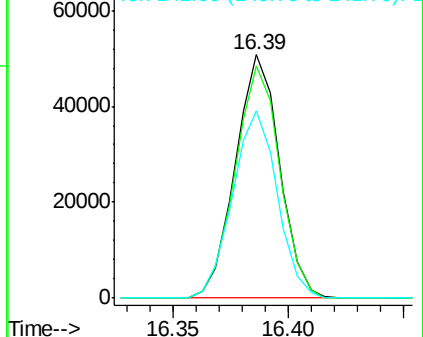


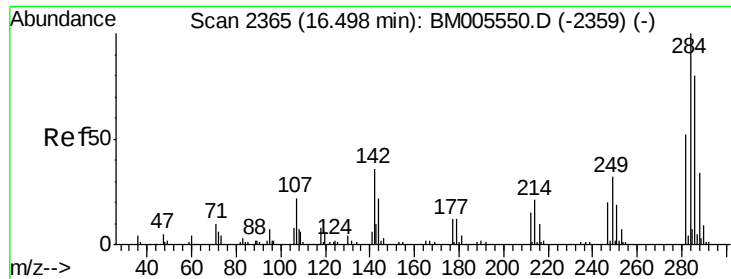
#65
4-Bromophenyl-phenylether
Concen: 15.87 ng/ul
RT: 16.39 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Tgt Ion:248 Resp: 67834
Ion Ratio Lower Upper
248 100
250 95.4 77.6 116.4
141 77.1 61.0 91.4



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

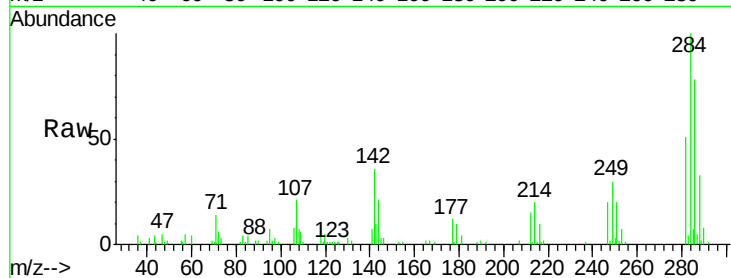




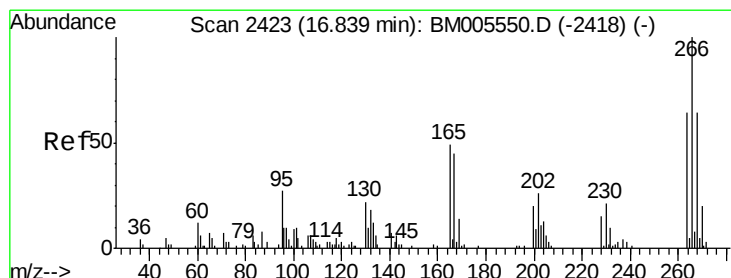
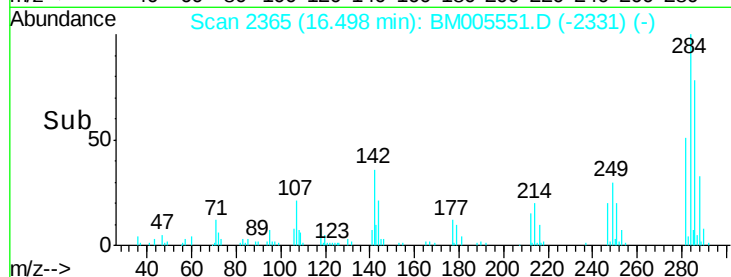
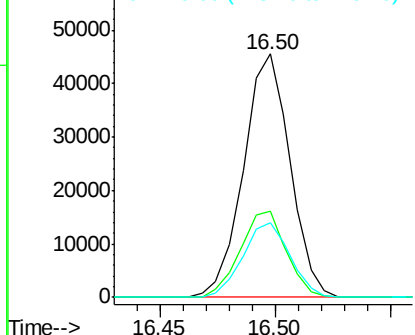
#66
Hexachlorobenzene
Concen: 13.11 ng/ul
RT: 16.50 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Instrument :
BNA_M
ClientSampleId :
D9WR3

Tgt Ion:284 Resp: 63834
Ion Ratio Lower Upper
284 100
142 35.7 29.1 43.7
249 30.5 26.4 39.6

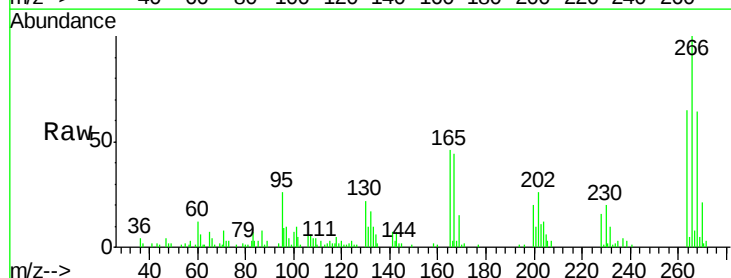


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

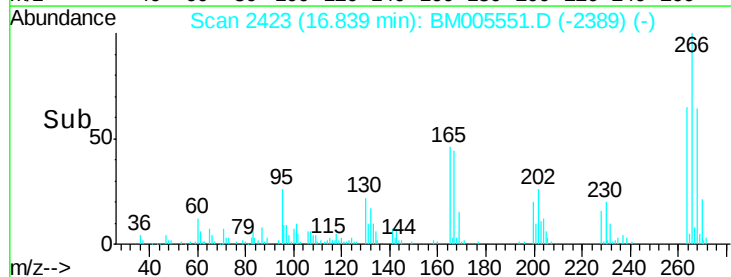
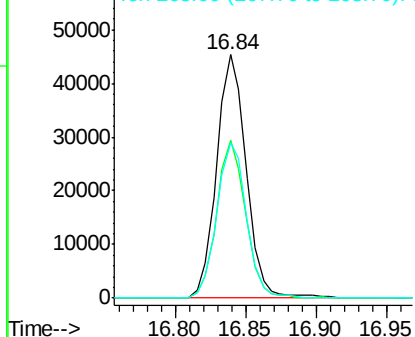


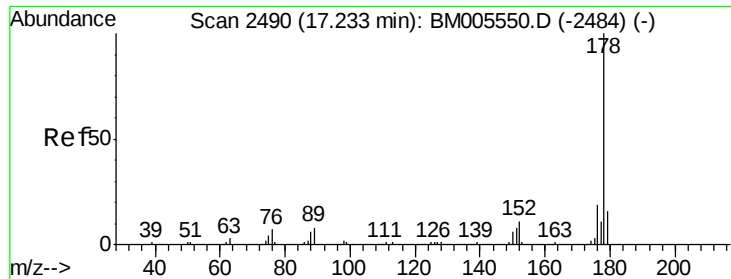
#68
Pentachlorophenol
Concen: 22.64 ng/ul
RT: 16.84 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Tgt Ion:266 Resp: 66191
Ion Ratio Lower Upper
266 100
264 64.7 50.9 76.3
268 63.7 52.8 79.2



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: 12.25 ng/ul

RT: 17.32 min Scan# 2505

Delta R.T. 0.09 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

Instrument :

BNA_M

ClientSampleId :

D9WR3

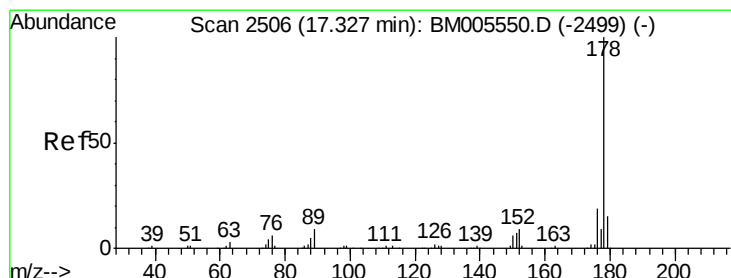
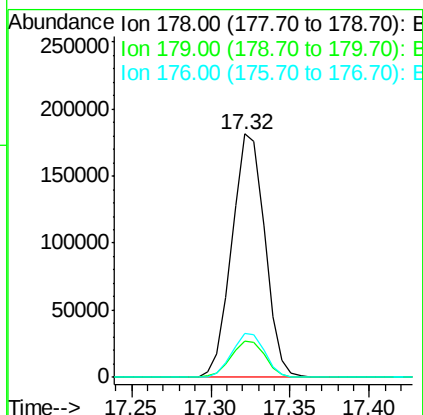
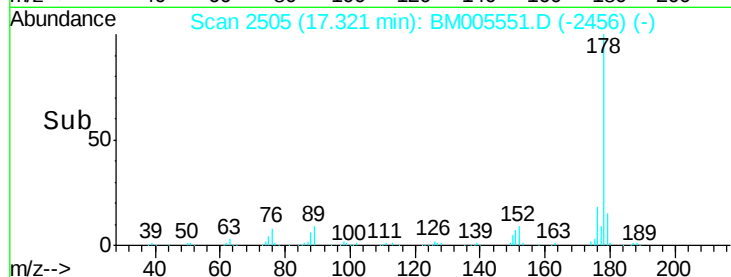
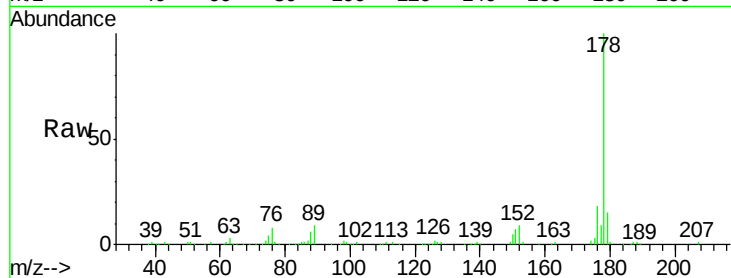
Tgt Ion:178 Resp: 262726

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.0 15.8 23.6



#71

Anthracene

Concen: 12.02 ng/ul

RT: 17.32 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

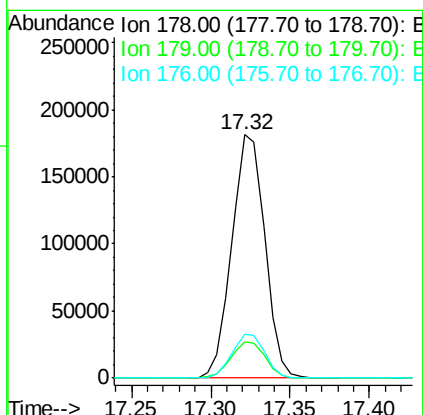
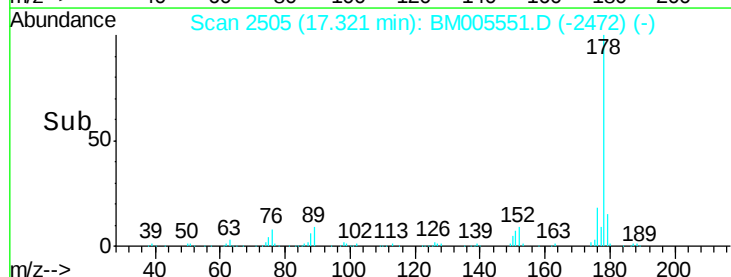
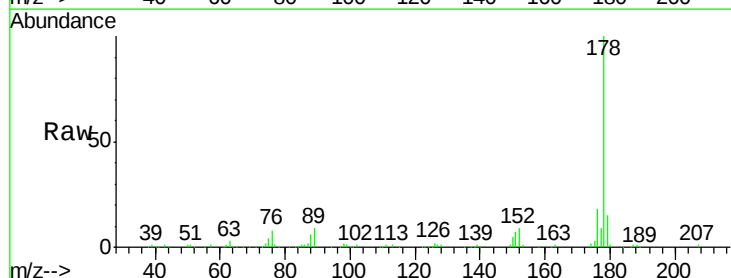
Tgt Ion:178 Resp: 262726

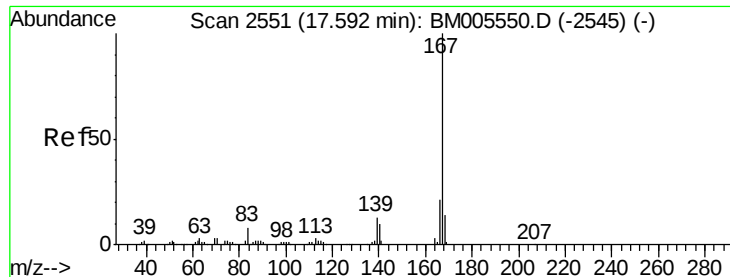
Ion Ratio Lower Upper

178 100

179 15.1 12.6 18.8

176 18.0 15.0 22.4

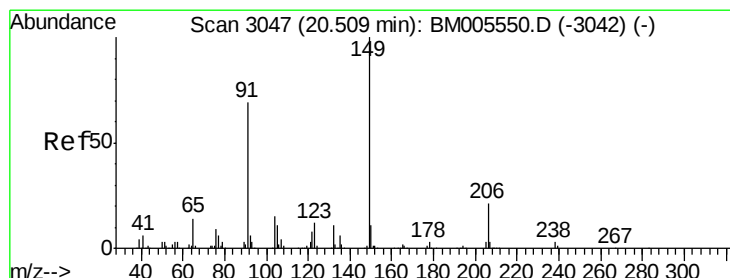
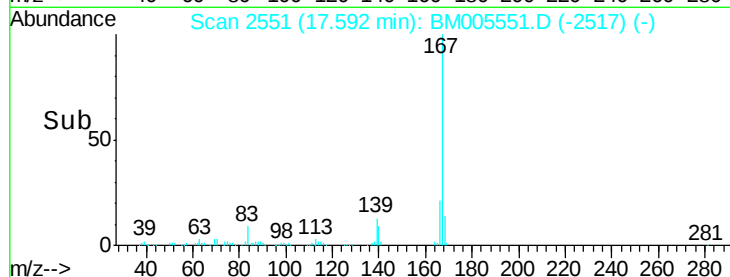
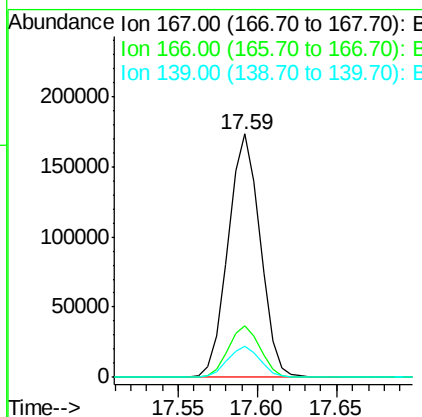
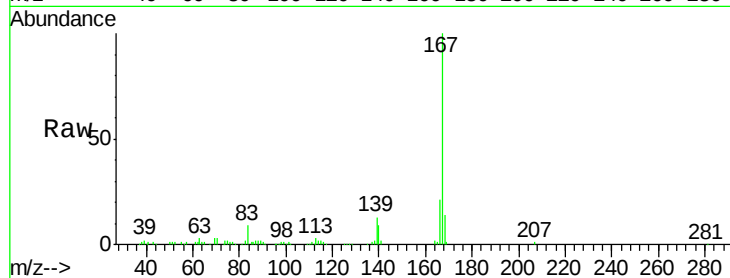




#72
 Carbazole
 Concen: 12.83 ng/ul
 RT: 17.59 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

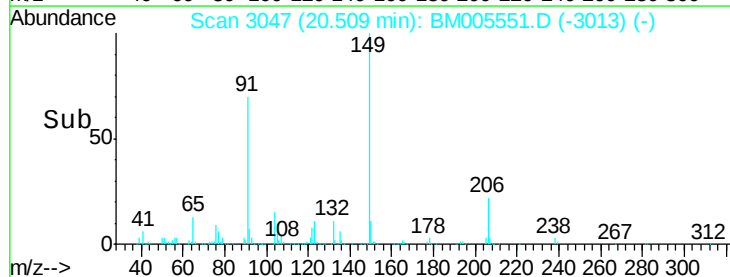
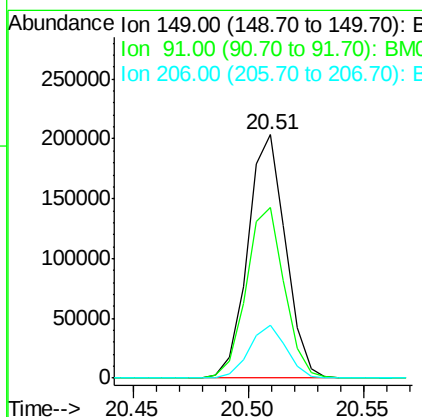
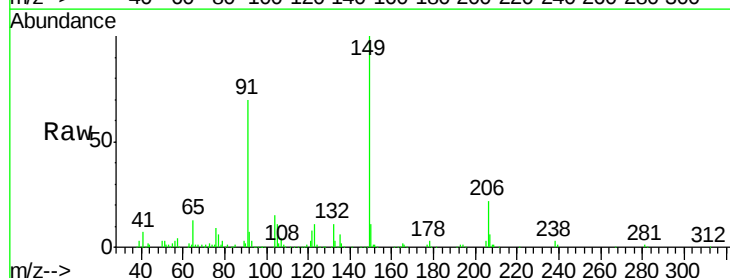
Instrument :
 BNA_M
 ClientSampleId :
 D9WR3

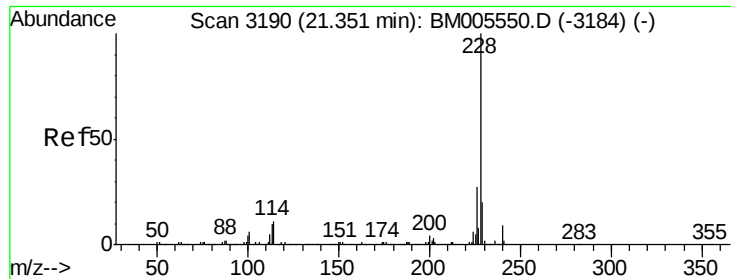
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	12.7	10.6	16.0



#78
 Butylbenzylphthalate
 Concen: 22.43 ng/ul
 RT: 20.51 min Scan# 3047
 Delta R.T. 0.00 min
 Lab File: BM005551.D
 Acq: 21 May 2016 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.5	84.7
206	21.9	18.3	27.5





#80

Benzo(a)anthracene

Concen: 20.74 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. 0.00 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

Instrument :

BNA_M

ClientSampleId :

D9WR3

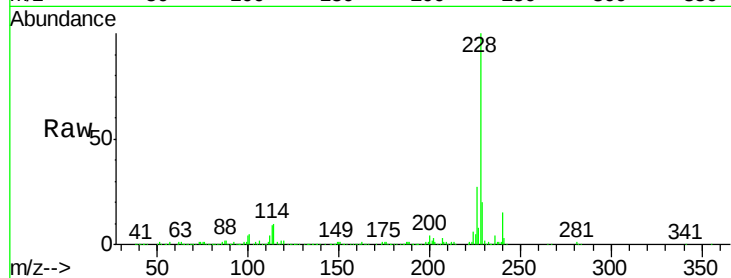
Tgt Ion:228 Resp: 518124

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.2

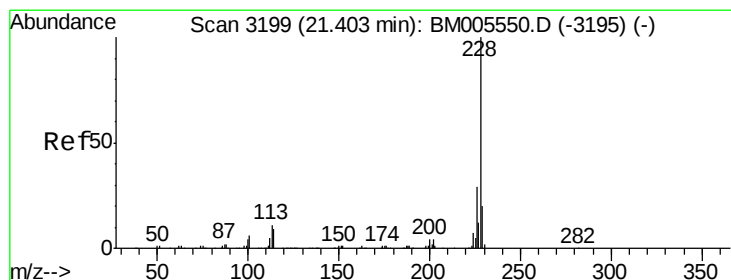
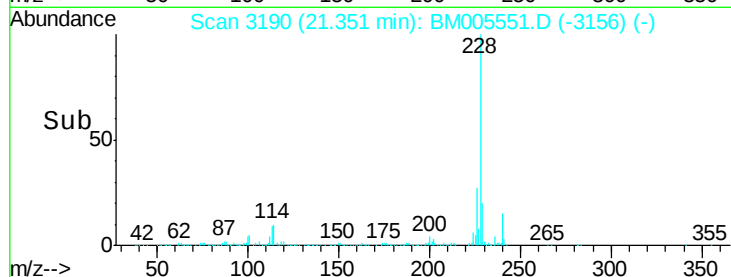
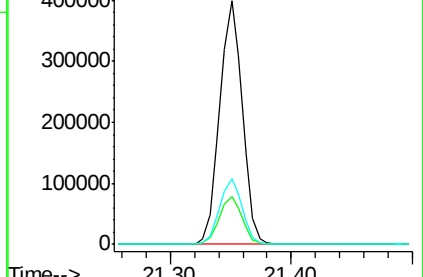
226 27.1 21.0 31.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 21.79 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.05 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

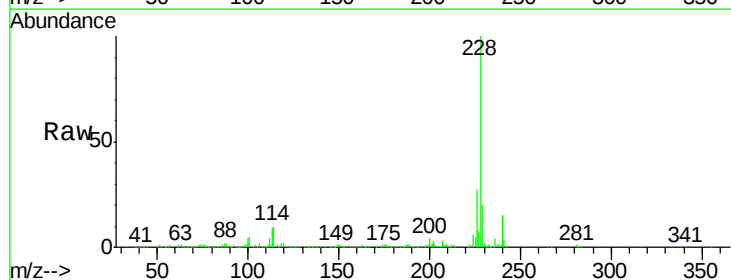
Tgt Ion:228 Resp: 518124

Ion Ratio Lower Upper

228 100

226 27.1 23.7 35.5

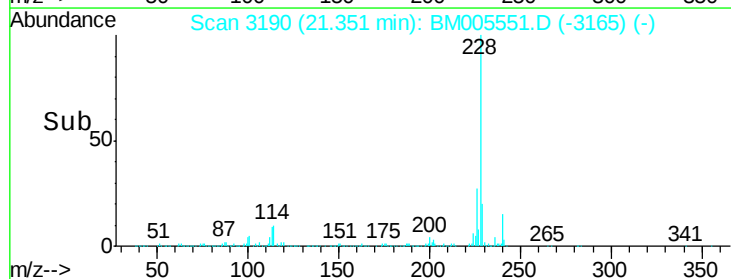
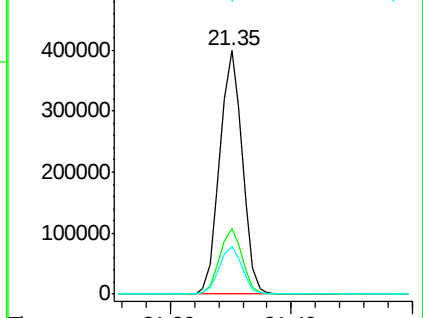
229 19.5 15.5 23.3

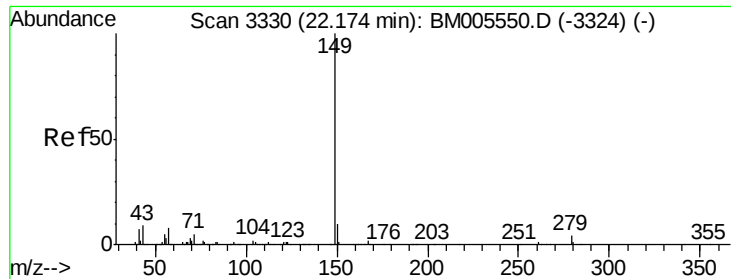


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

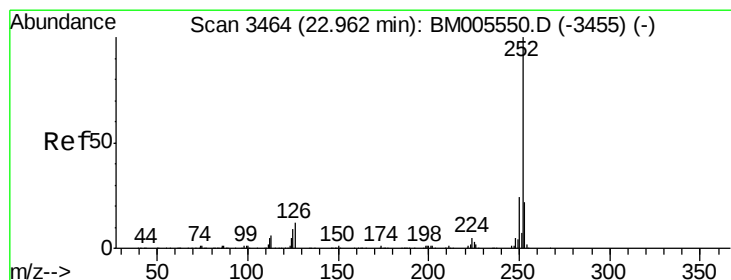
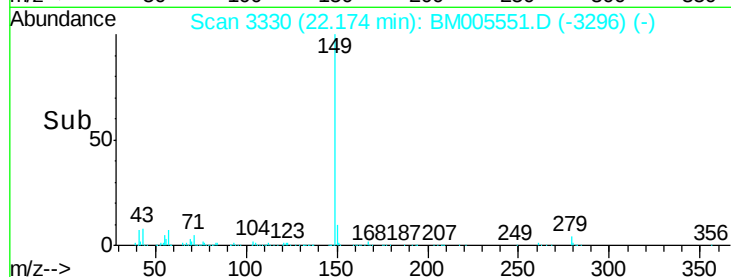
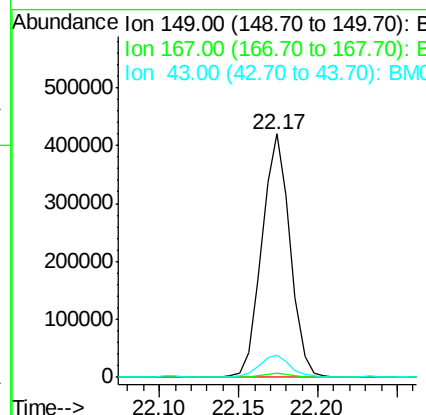
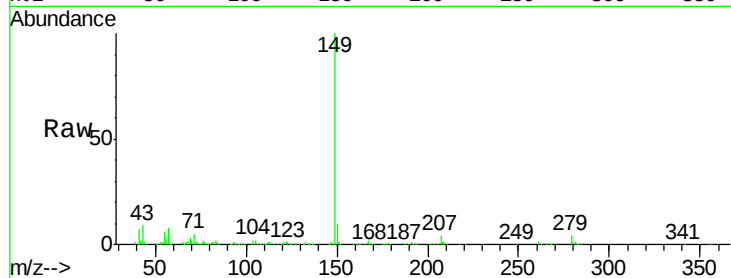




#84
Di-n-octyl phthalate
Concen: 22.62 ng/ul
RT: 22.17 min Scan# 3330
Delta R.T. -0.00 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

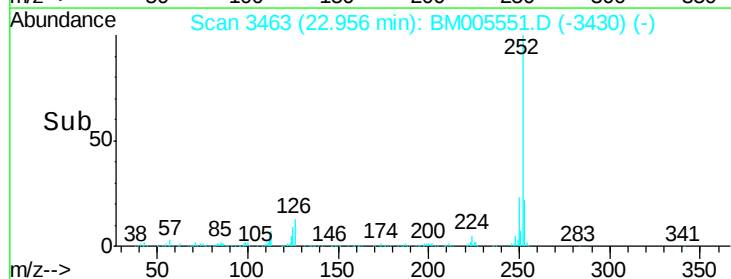
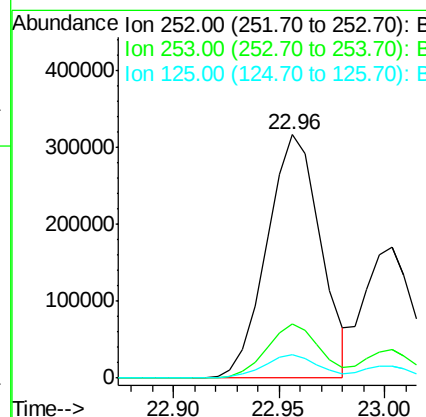
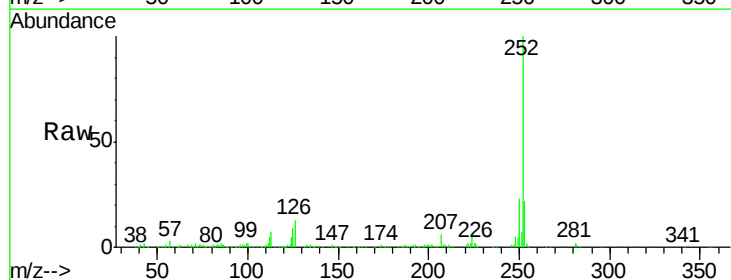
Instrument :
BNA_M
ClientSampleId :
D9WR3

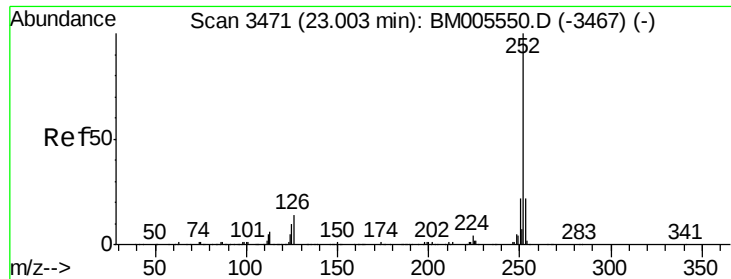
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.4	11.0



#85
Benzo(b)fluoranthene
Concen: 23.74 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM005551.D
Acq: 21 May 2016 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	9.5	7.0	10.4





#86

Benzo(k)fluoranthene

Concen: 12.24 ng/ul

RT: 23.00 min Scan# 3471

Delta R.T. 0.00 min

Lab File: BM005551.D

Acq: 21 May 2016 15:28

Instrument :

BNA_M

ClientSampleId :

D9WR3

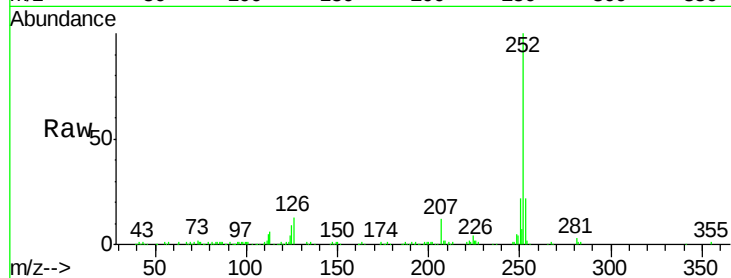
Tgt Ion:252 Resp: 273222

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.0 7.0 10.6



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

