

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005501.D
 Acq On : 19 May 2016 16:34
 Operator : UM/SJ
 Sample : H2841-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WR3

Quant Time: May 20 01:01:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 01:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	28139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	150368	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	110009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	313572	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	492879	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	678043	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	1545	2.11	ng/uL	0.00
5) Phenol-d5	6.99	99	69329	25.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	39908	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	53236	25.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	61283	26.62	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	28643	26.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	24307	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	67828	28.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	21932	8.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	190142	21.03	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	356340	33.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	46330	24.97	ng/ul	0.00
57) Fluorene-d10	15.46	176	285020	35.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	16455	9.96	ng/ul	0.00
70) Anthracene-d10	17.30	188	564167	39.12	ng/ul	0.00
76) Pyrene-d10	19.59	212	765080	38.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1188917	39.22	ng/ul	0.00

Target Compounds

						Qvalue
8) Bis(2-Chloroethyl)ether	7.26	93	67916	33.06	ng/ul	97
10) 2-Chlorophenol	7.40	128	8374	3.92	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.36	45	69765	24.10	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	22695	11.58	ng/ul	96
17) Hexachloroethane	8.92	117	11791	15.12	ng/ul	95
21) Isophorone	9.55	82	43531	7.89	ng/ul#	97
25) Bis(2-Chloroethoxy)methane	10.04	93	108657	33.23	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	35166	14.79	ng/ul	95
28) Naphthalene	10.67	128	54039	7.08	ng/ul	98
30) 4-Chloroaniline	10.78	127	4813	1.68	ng/ul	90
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	48032	14.37	ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	24769	13.38	ng/ul	93
38) 2,4,6-Trichlorophenol	12.96	196	56979	24.62	ng/ul	89
39) 2,4,5-Trichlorophenol	12.96	196	56979	22.48	ng/ul	97
41) 2-Chloronaphthalene	13.34	162	152766	22.54	ng/ul	98
44) Dimethylphthalate	13.92	163	27997	3.04	ng/ul	98
45) 2,6-Dinitrotoluene	14.04	165	40494	22.81	ng/ul	98
47) Acenaphthylene	14.19	152	89873	8.13	ng/ul	99
53) Dibenzofuran	14.86	168	116209	10.55	ng/ul	94
54) 2,4-Dinitrotoluene	14.82	165	26291	9.76	ng/ul	97
58) Fluorene	15.51	166	251974	27.65	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	61967	14.14	ng/ul	97
60) 4-Nitroaniline	15.52	138	3747	1.69	ng/ul#	32

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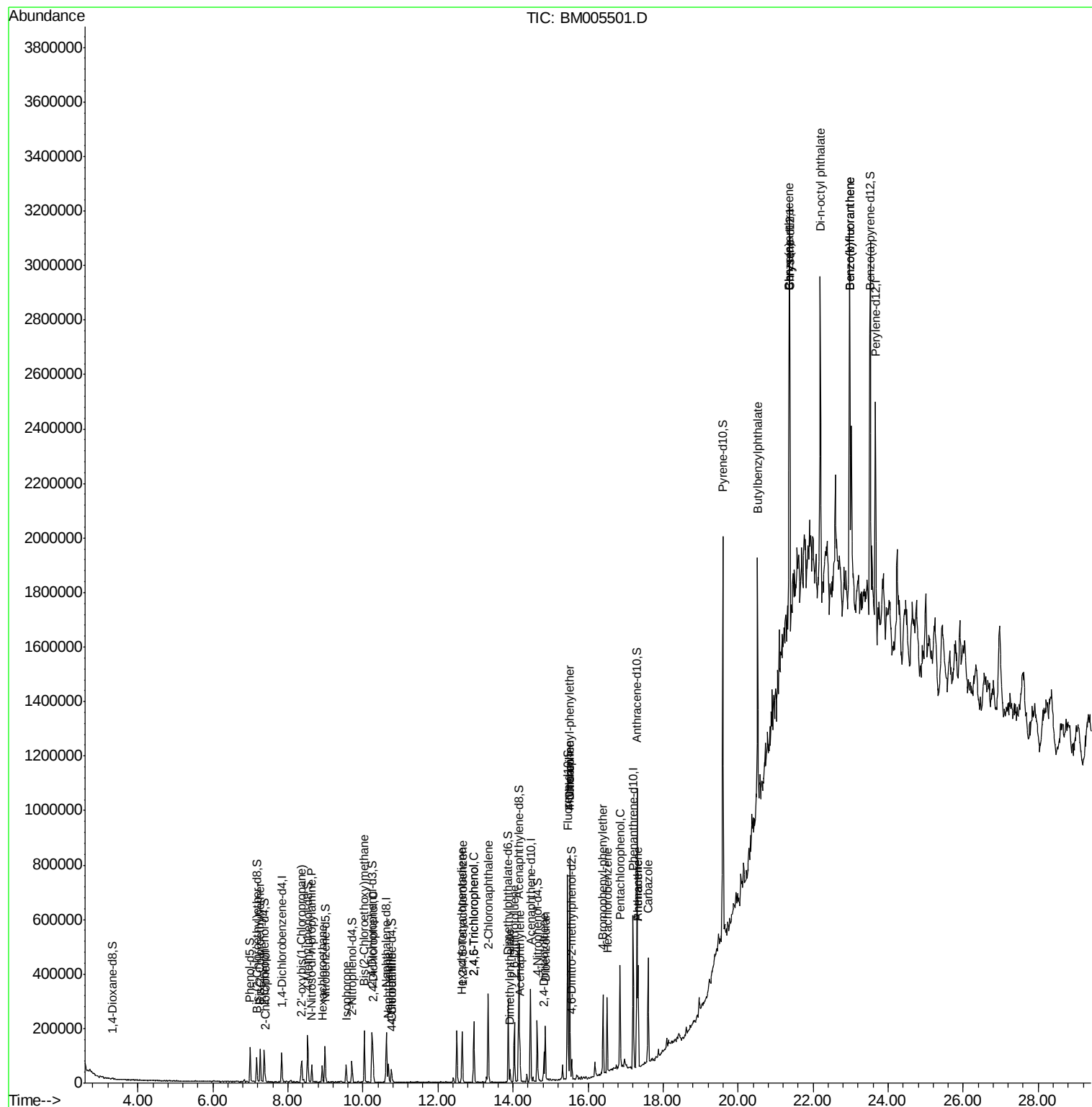
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 4-Bromophenyl-phenylether	16.40	248	53629	16.93	ng/ul	97
66) Hexachlorobenzene	16.51	284	50982	13.83	ng/ul	95
68) Pentachlorophenol	16.85	266	64569	27.19	ng/ul	99
69) Phenanthrene	17.34	178	231113	12.96	ng/ul	99
71) Anthracene	17.34	178	231113	13.10	ng/ul	99
72) Carbazole	17.60	167	235687	14.75	ng/ul	99
78) Butylbenzylphthalate	20.52	149	247839	22.10	ng/ul	100
80) Benzo(a)anthracene	21.36	228	642608	22.19	ng/ul	99
82) Chrysene	21.36	228	642608	23.46	ng/ul	97
84) Di-n-octyl phthalate	22.19	149	731655	20.33	ng/ul#	79
85) Benzo(b)fluoranthene	22.97	252	921992	23.76	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	921992	24.46	ng/ul	99

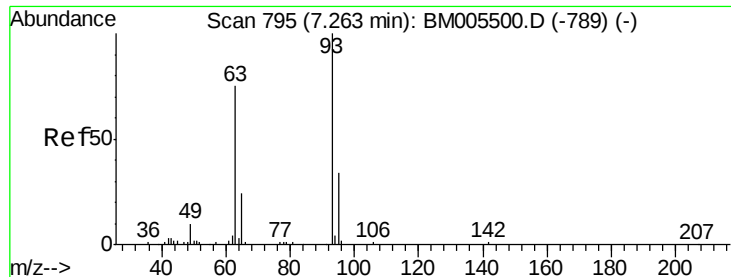
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 33.06 ng/ul

RT: 7.26 min Scan# 794

Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9WR3

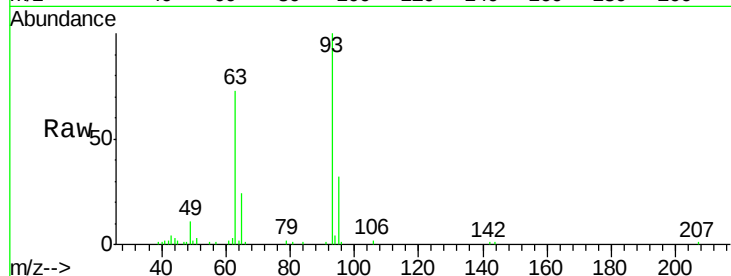
Tgt Ion: 93 Resp: 67916

Ion Ratio Lower Upper

93 100

63 73.4 60.6 90.8

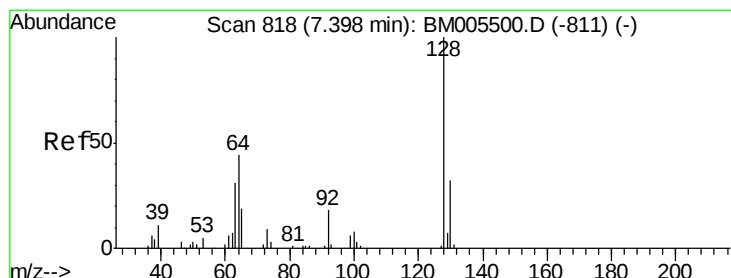
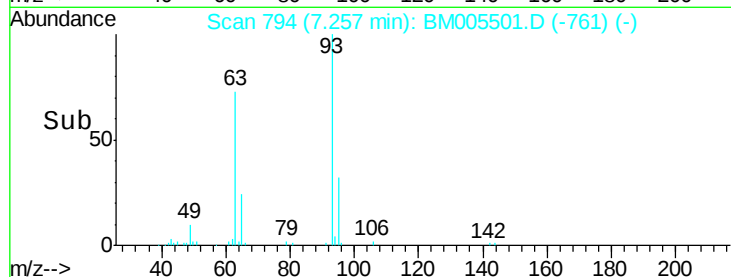
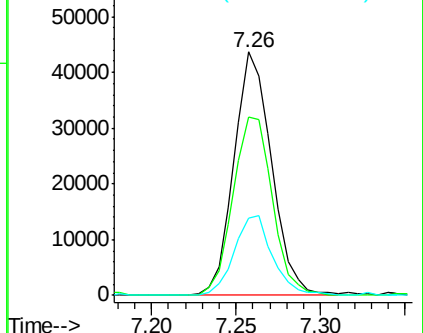
95 31.9 24.2 36.4



Abundance Ion 93.00 (92.70 to 93.70): BM005500.D (-789) (-)

Ion 63.00 (62.70 to 63.70): BM005500.D (-789) (-)

Ion 95.00 (94.70 to 95.70): BM005500.D (-789) (-)



#10

2-Chlorophenol

Concen: 3.92 ng/ul

RT: 7.40 min Scan# 818

Delta R.T. 0.00 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

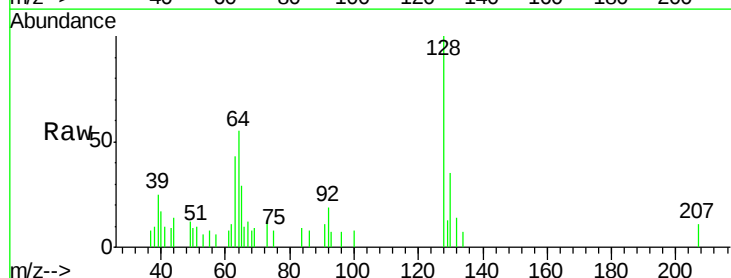
Tgt Ion: 128 Resp: 8374

Ion Ratio Lower Upper

128 100

64 54.8 37.8 56.8

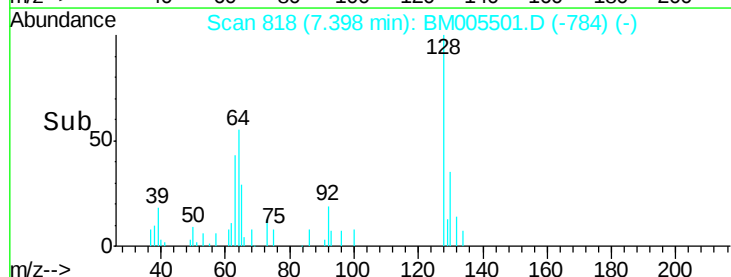
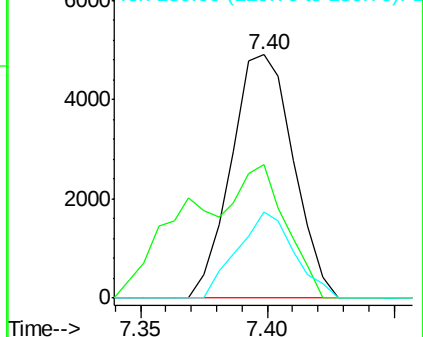
130 35.4 24.9 37.3

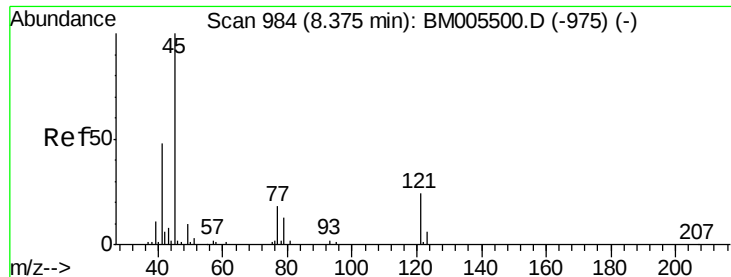


Abundance Ion 128.00 (127.70 to 128.70): BM005500.D (-811) (-)

Ion 64.00 (63.70 to 64.70): BM005500.D (-811) (-)

Ion 130.00 (129.70 to 130.70): BM005500.D (-811) (-)

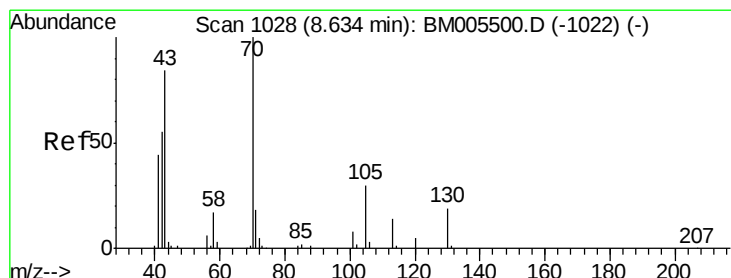
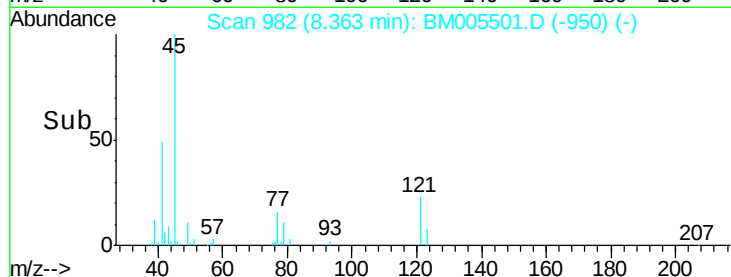
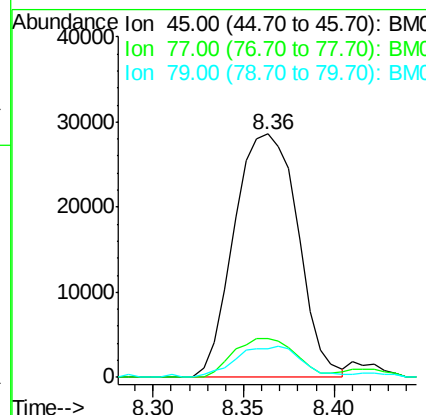
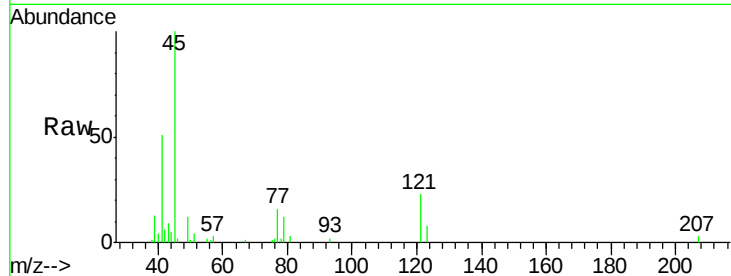




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 24.10 ng/ul
 RT: 8.36 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BM005501.D
 Acq: 19 May 2016 16:34

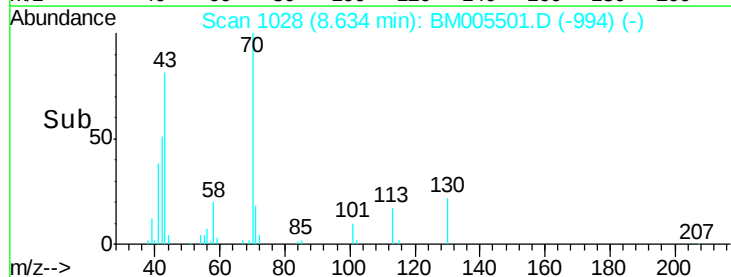
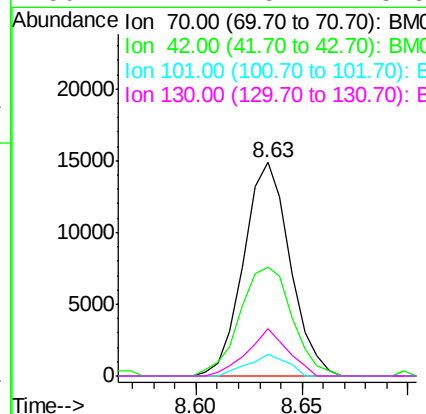
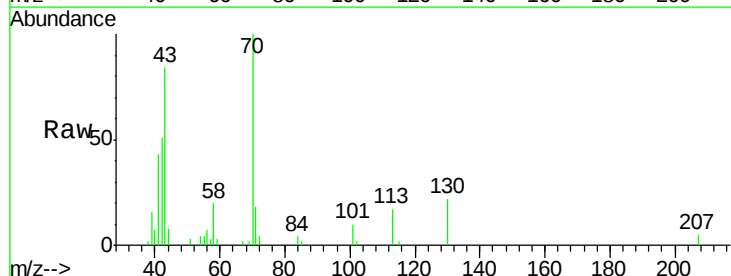
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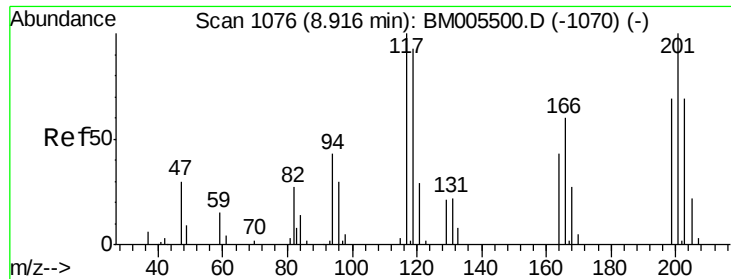
Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	12.1	18.1
79	11.8	9.0	13.4



#15
 N-Nitroso-di-n-propylamine
 Concen: 11.58 ng/ul
 RT: 8.63 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BM005501.D
 Acq: 19 May 2016 16:34

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	42.8	64.2
101	10.2	7.8	11.6
130	22.4	15.7	23.5

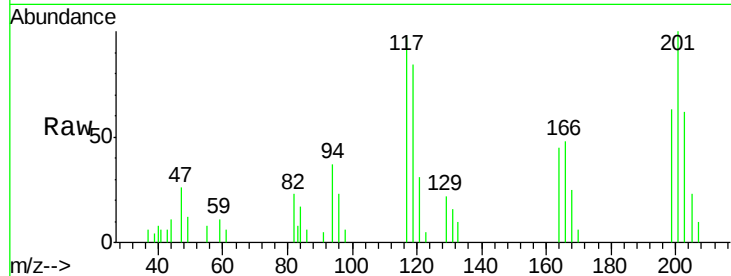




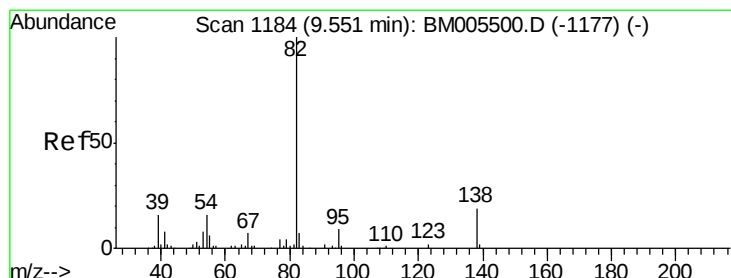
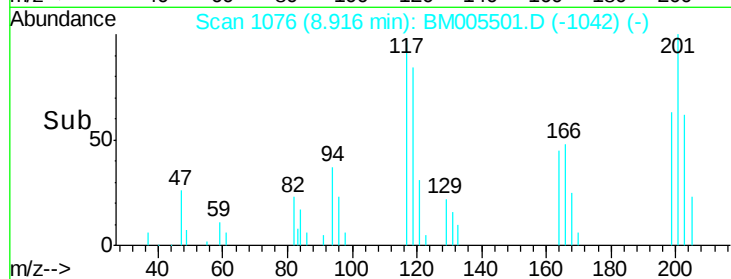
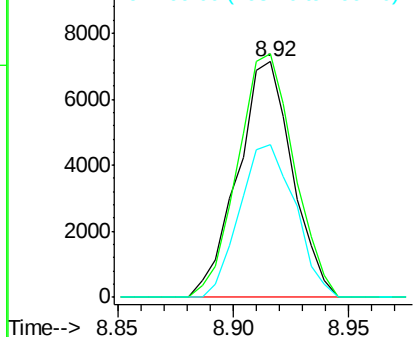
#17
Hexachloroethane
Concen: 15.12 ng/ul
RT: 8.92 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

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Tgt Ion: 117 Resp: 11791
Ion Ratio Lower Upper
117 100
201 103.2 78.1 117.1
199 64.8 50.2 75.2

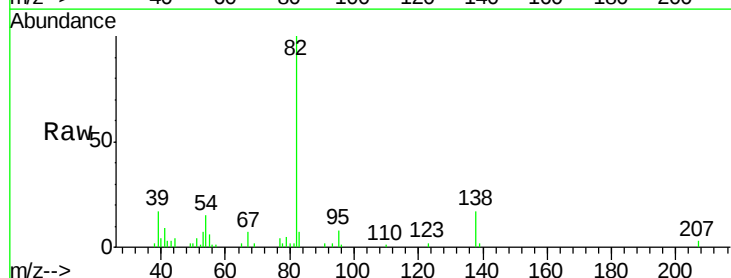


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

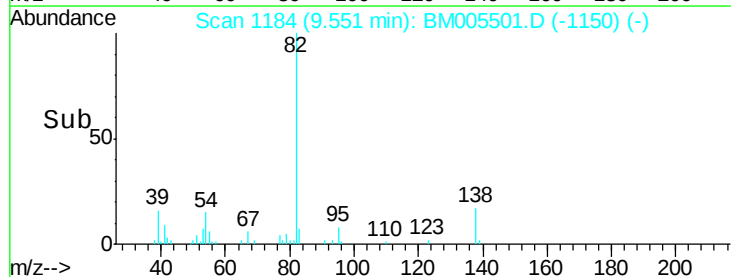
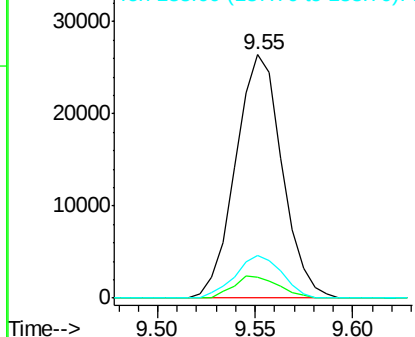


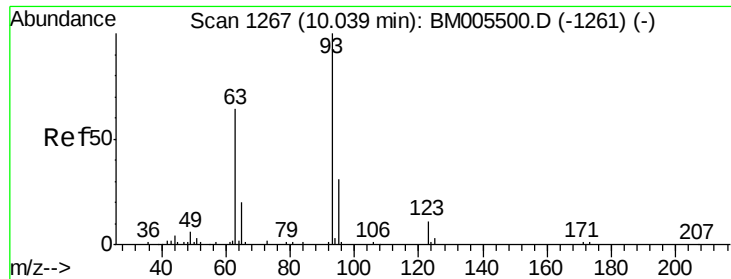
#21
Isophorone
Concen: 7.89 ng/ul
RT: 9.55 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

Tgt Ion: 82 Resp: 43531
Ion Ratio Lower Upper
82 100
95 8.4 5.4 8.0#
138 17.5 13.4 20.2



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: 33.23 ng/ul

RT: 10.04 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9WR3

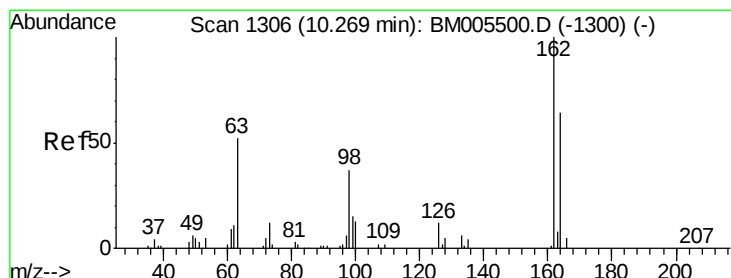
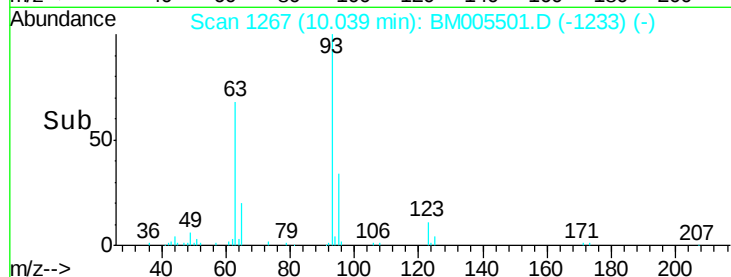
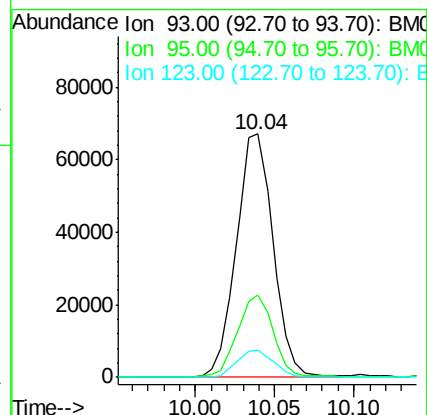
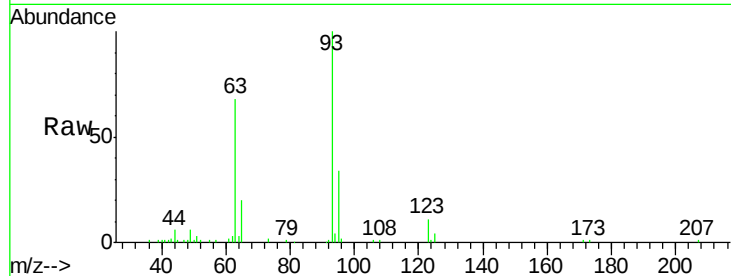
Tgt Ion: 93 Resp: 108657

Ion Ratio Lower Upper

93 100

95 33.8 25.2 37.8

123 11.4 9.0 13.6



#27

2,4-Dichlorophenol

Concen: 14.79 ng/ul

RT: 10.27 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

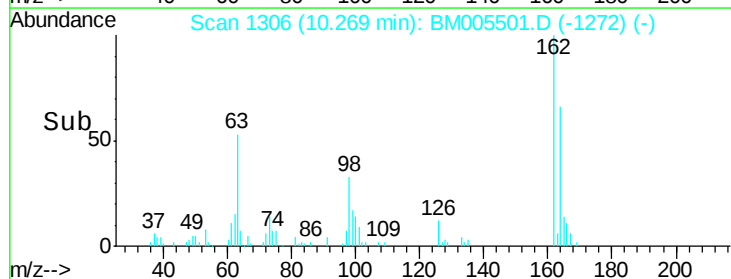
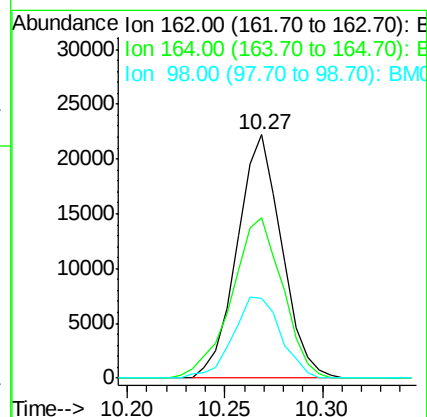
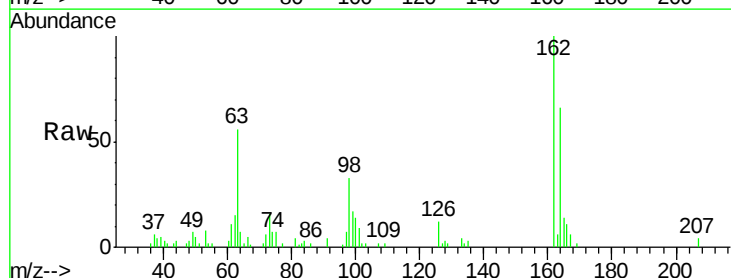
Tgt Ion: 162 Resp: 35166

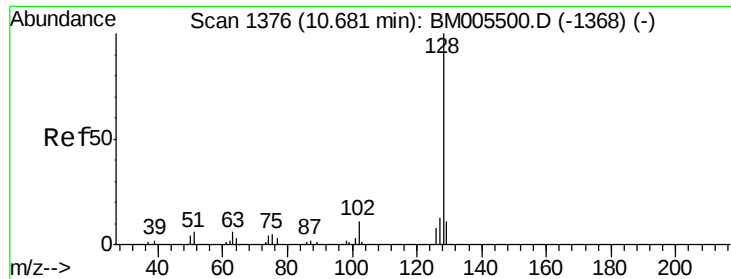
Ion Ratio Lower Upper

162 100

164 65.9 51.5 77.3

98 32.7 31.2 46.8





#28

Naphthalene

Concen: 7.08 ng/ul

RT: 10.67 min Scan# 1375

Delta R.T. -0.01 min

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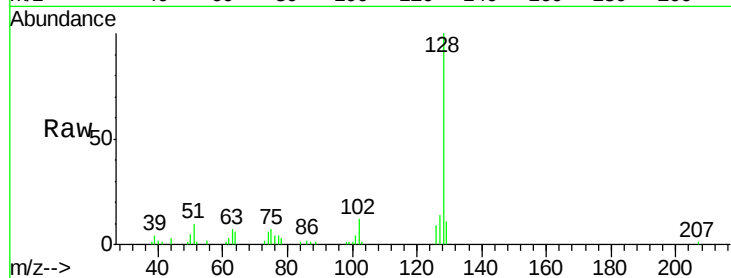
Tgt Ion:128 Resp: 54039

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

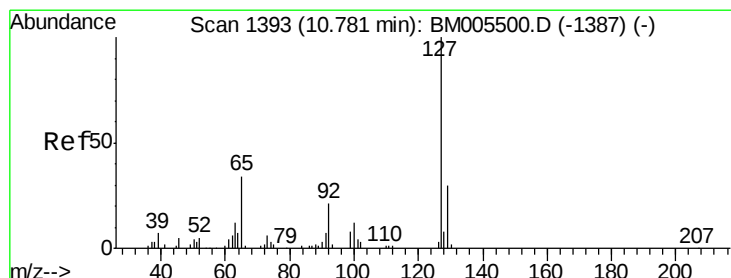
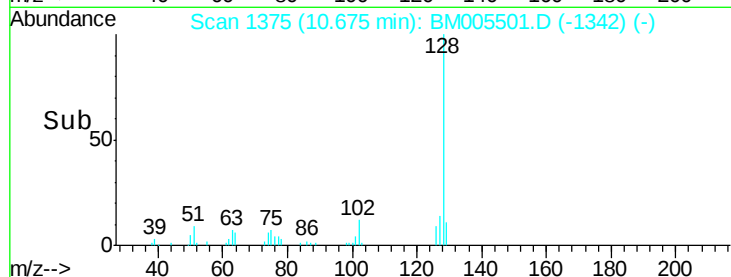
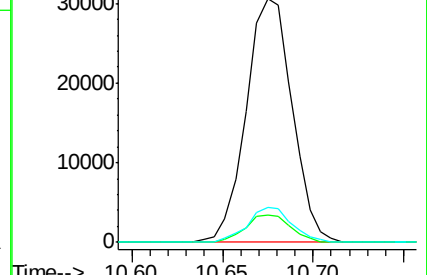
127 14.4 10.8 16.2



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: 1.68 ng/ul

RT: 10.78 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BM005501.D

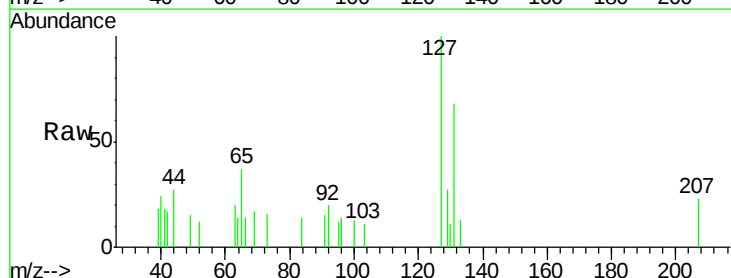
Acq: 19 May 2016 16:34

Tgt Ion:127 Resp: 4813

Ion Ratio Lower Upper

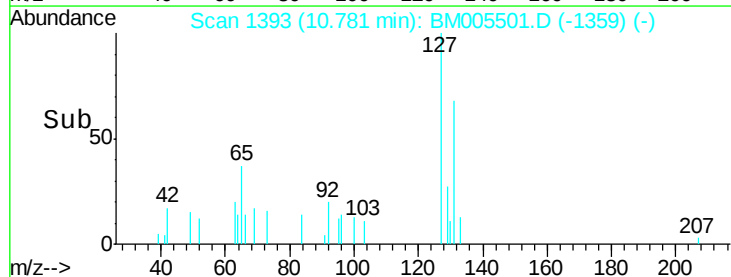
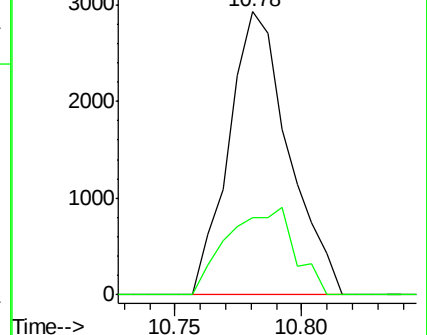
127 100

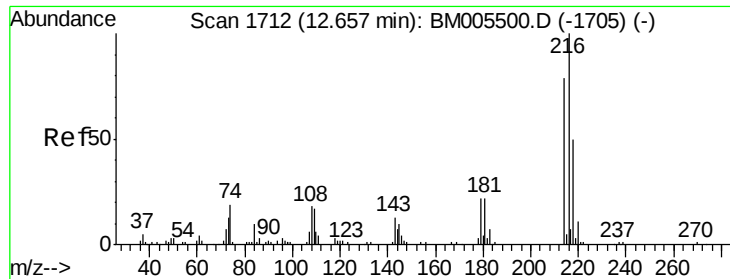
129 27.2 26.5 39.7



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

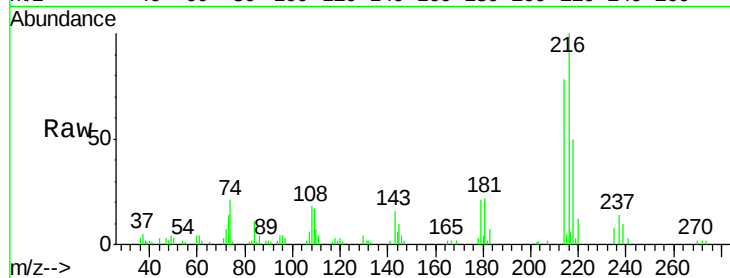




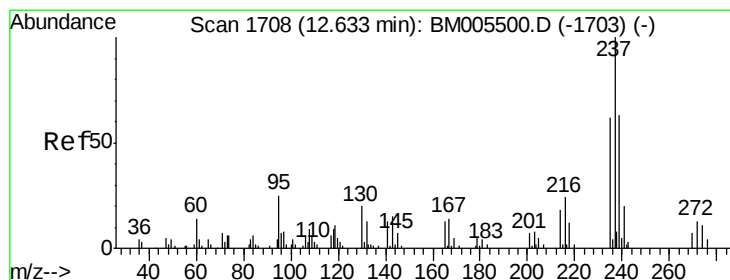
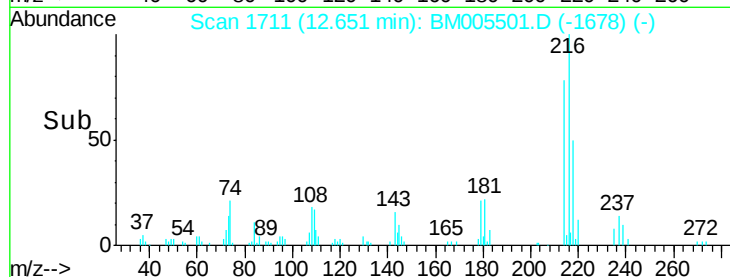
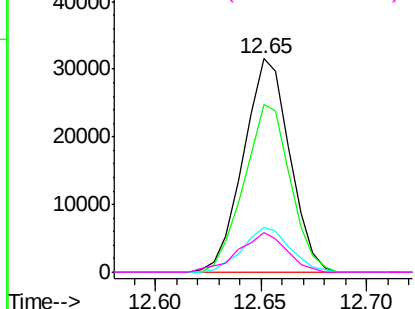
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.37 ng/ul
 RT: 12.65 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM005501.D
 Acq: 19 May 2016 16:34

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 ClientSampleId :
 D9WR3

Tgt Ion:	216	Resp:	48032
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	21.1	17.4	26.0
108	18.5	14.9	22.3

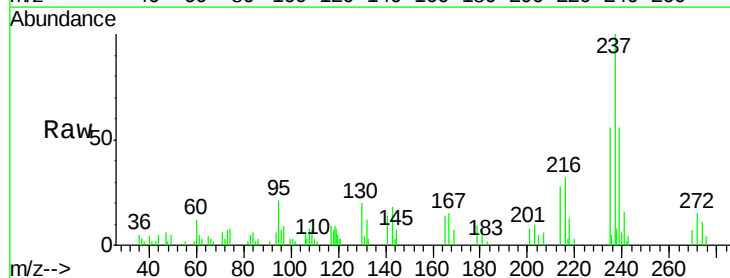


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

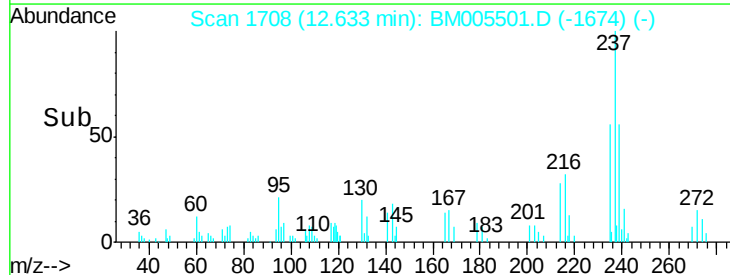
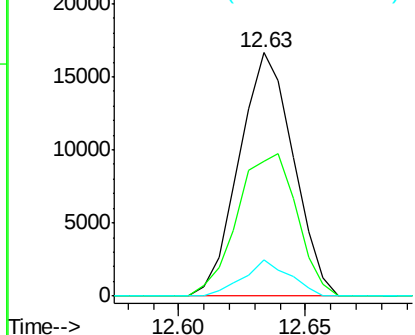


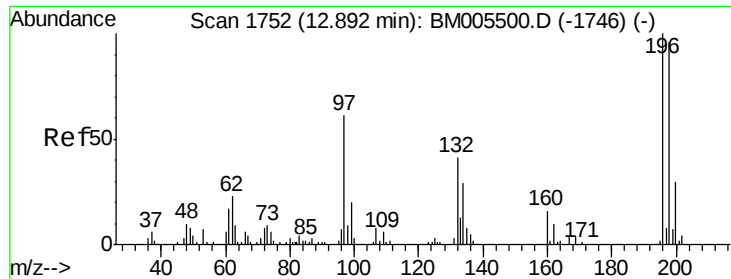
#37
 Hexachlorocyclopentadiene
 Concen: 13.38 ng/ul
 RT: 12.63 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BM005501.D
 Acq: 19 May 2016 16:34

Tgt Ion:	237	Resp:	24769
Ion	Ratio	Lower	Upper
237	100		
235	60.6	53.5	80.3
272	14.8	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

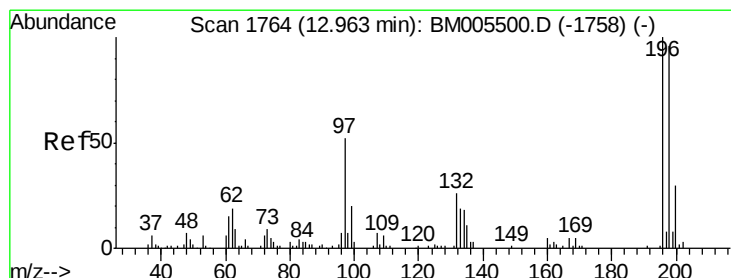
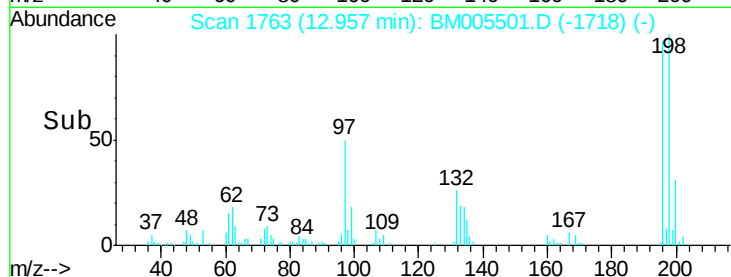
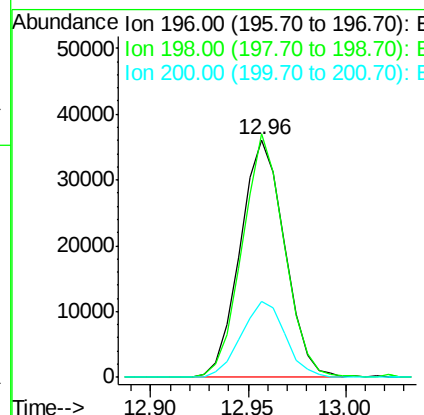
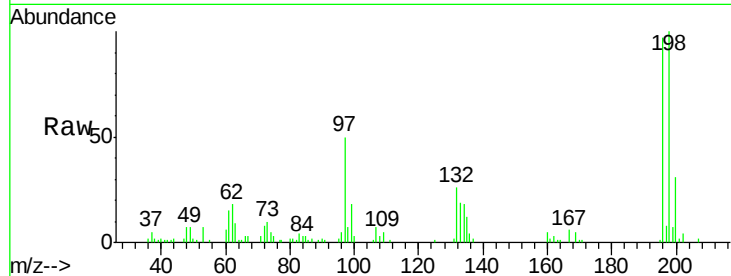




#38
 2,4,6-Trichlorophenol
 Concen: 24.62 ng/ul
 RT: 12.96 min Scan# 1763
 Delta R.T. 0.06 min
 Lab File: BM005501.D
 Acq: 19 May 2016 16:34

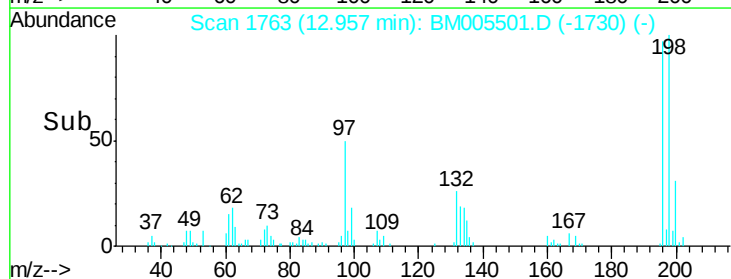
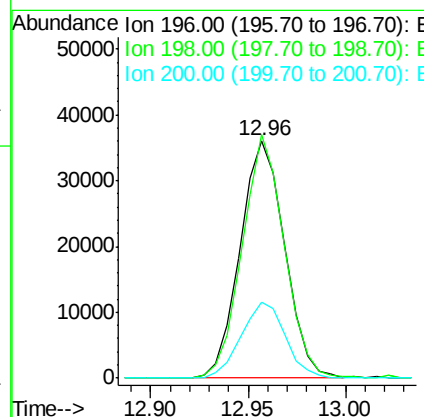
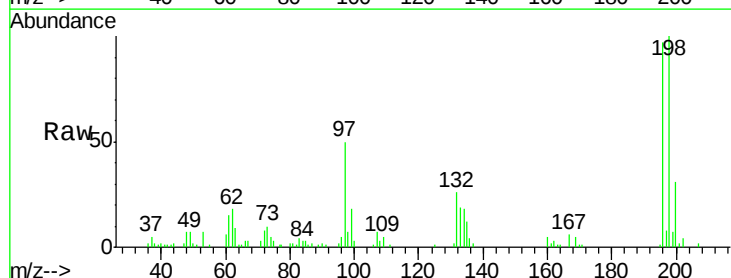
Instrument :
 BNA_M
 ClientSampleID :
 D9WR3

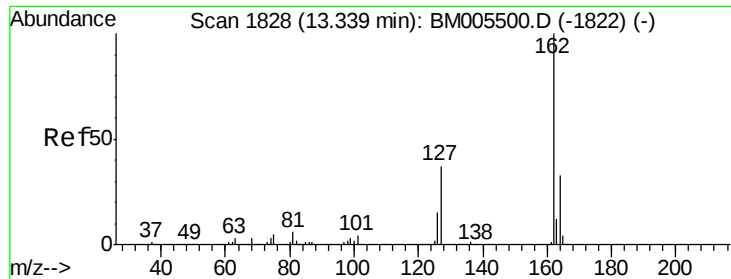
Tgt Ion:196 Resp: 56979
 Ion Ratio Lower Upper
 196 100
 198 102.6 72.3 108.5
 200 31.9 23.9 35.9



#39
 2,4,5-Trichlorophenol
 Concen: 22.48 ng/ul
 RT: 12.96 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM005501.D
 Acq: 19 May 2016 16:34

Tgt Ion:196 Resp: 56979
 Ion Ratio Lower Upper
 196 100
 198 102.6 78.5 117.7
 200 31.9 25.4 38.2

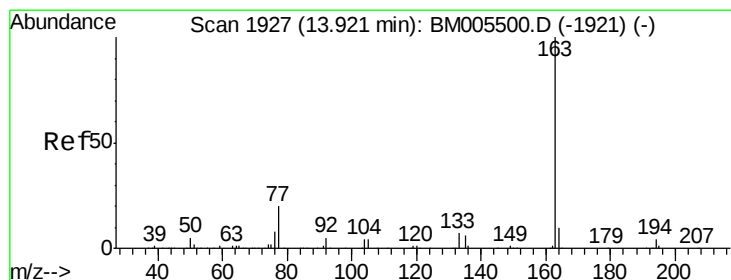
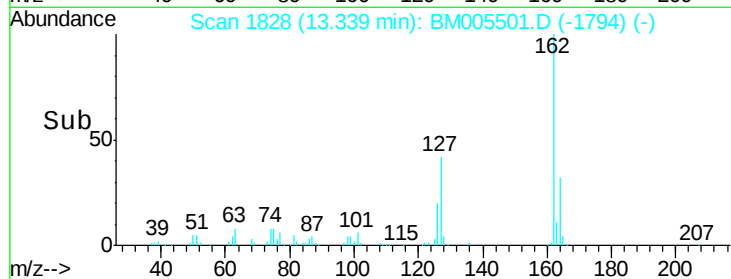
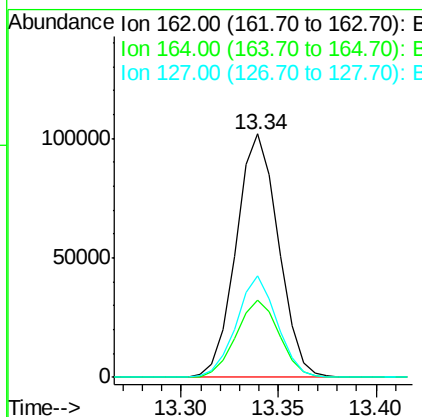
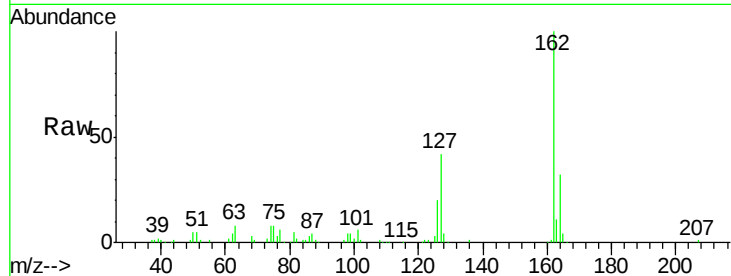




#41
2-Chloronaphthalene
Concen: 22.54 ng/ul
RT: 13.34 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

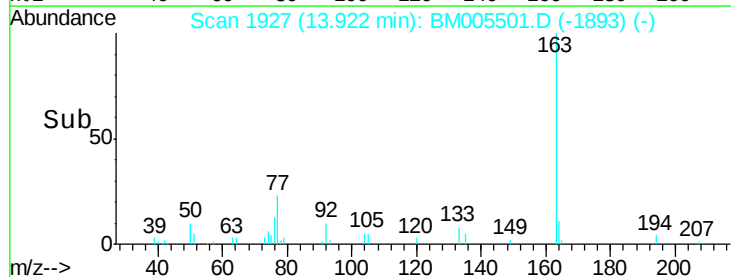
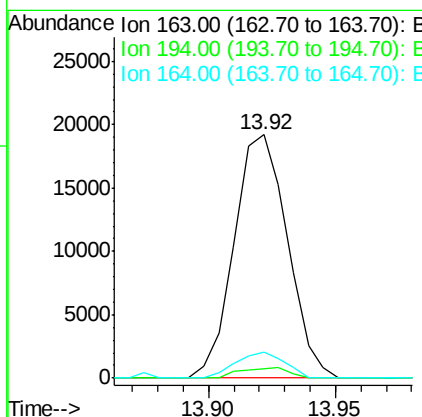
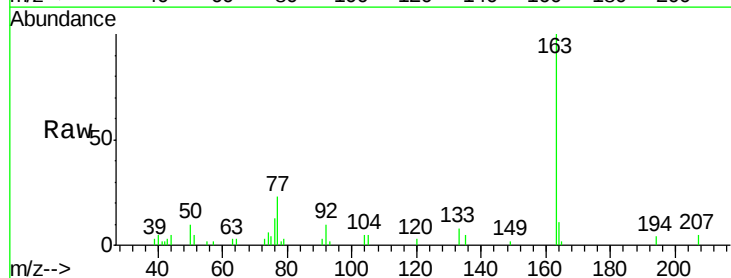
Instrument :
BNA_M
ClientSampleId :
D9WR3

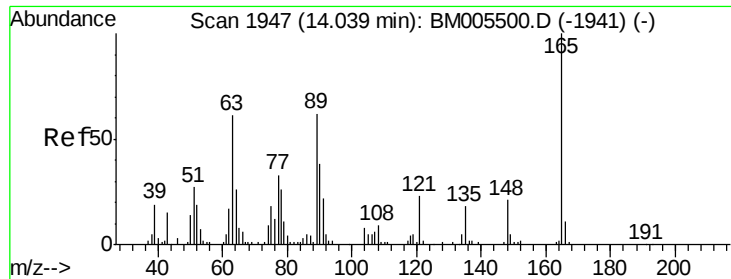
Tgt Ion:162 Resp: 152766
Ion Ratio Lower Upper
162 100
164 31.9 25.5 38.3
127 41.6 31.9 47.9



#44
Dimethylphthalate
Concen: 3.04 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

Tgt Ion:163 Resp: 27997
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.5 7.9 11.9

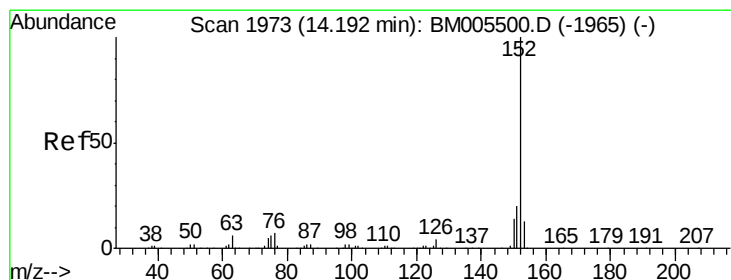
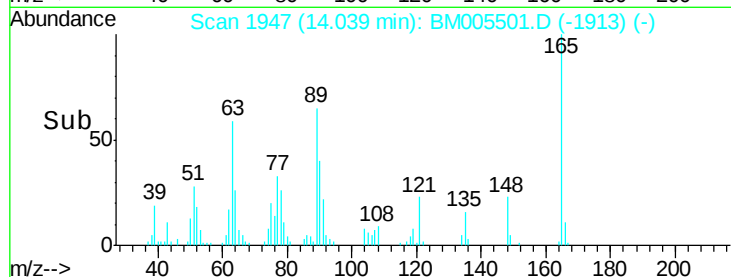
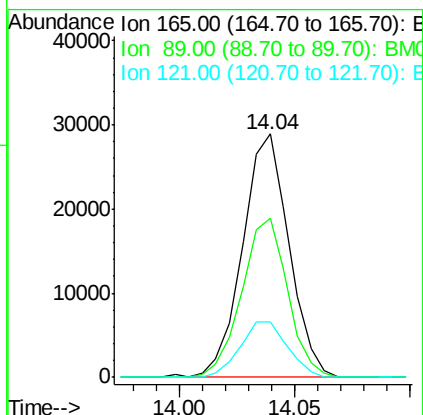
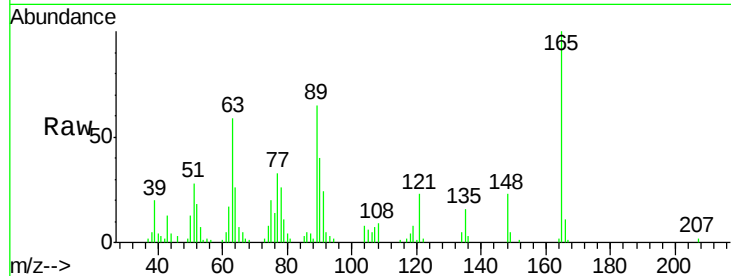




#45
2,6-Dinitrotoluene
Concen: 22.81 ng/ul
RT: 14.04 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

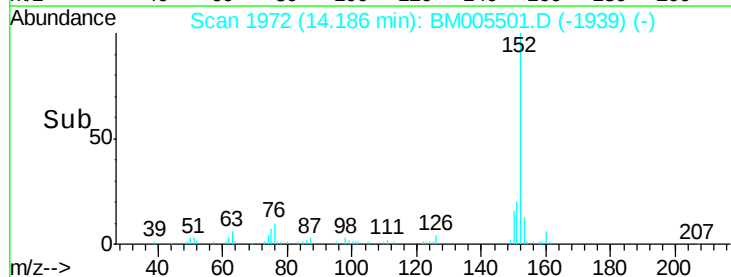
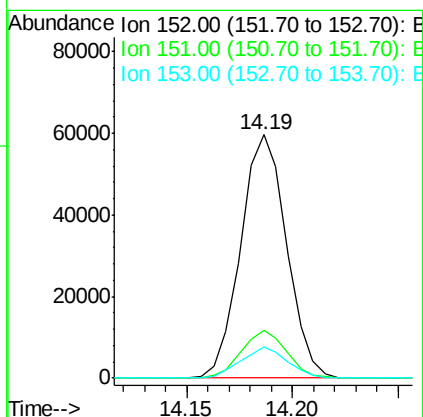
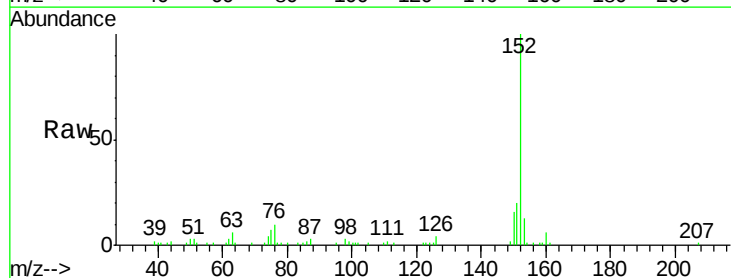
Instrument :
BNA_M
ClientSampleId :
D9WR3

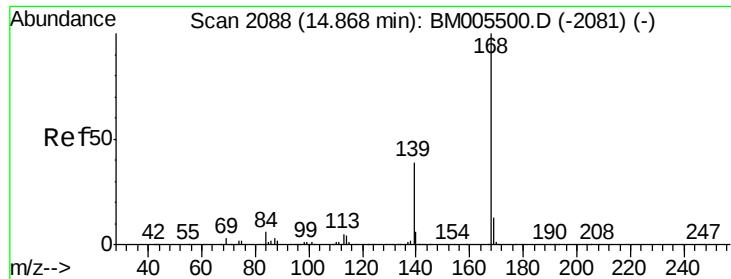
Tgt Ion:165 Resp: 40494
Ion Ratio Lower Upper
165 100
89 65.2 52.2 78.4
121 22.9 21.0 31.4



#47
Acenaphthylene
Concen: 8.13 ng/ul
RT: 14.19 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

Tgt Ion:152 Resp: 89873
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.0 10.3 15.5





#53

Dibenzenofuran

Concen: 10.55 ng/ul

RT: 14.86 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

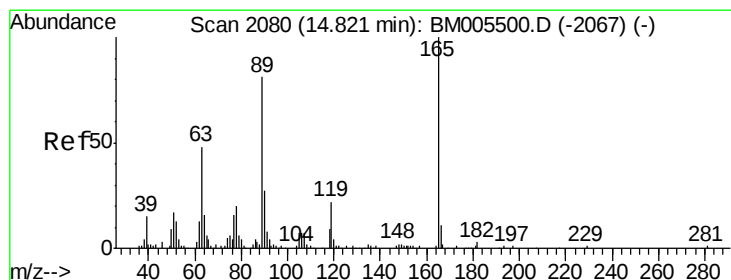
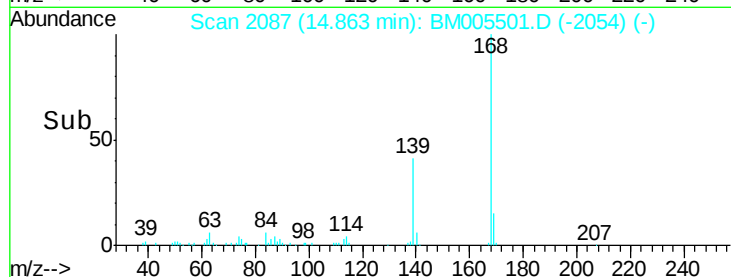
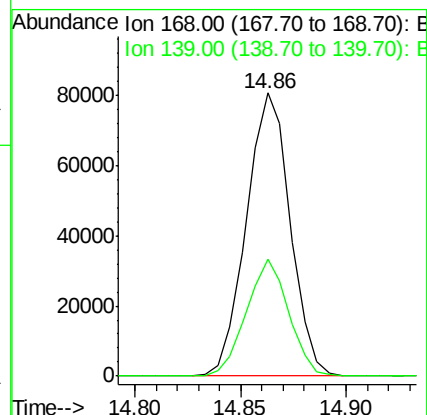
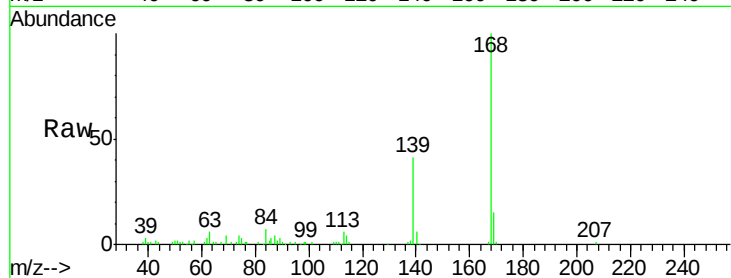
D9WR3

Tgt Ion:168 Resp: 116209

Ion Ratio Lower Upper

168 100

139 41.3 30.3 45.5



#54

2,4-Dinitrotoluene

Concen: 9.76 ng/ul

RT: 14.82 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

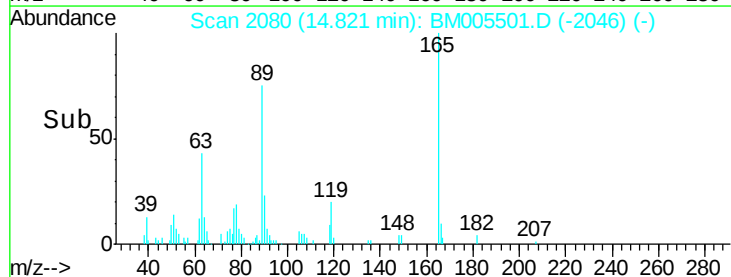
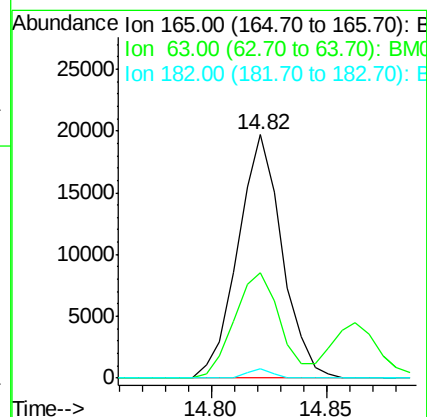
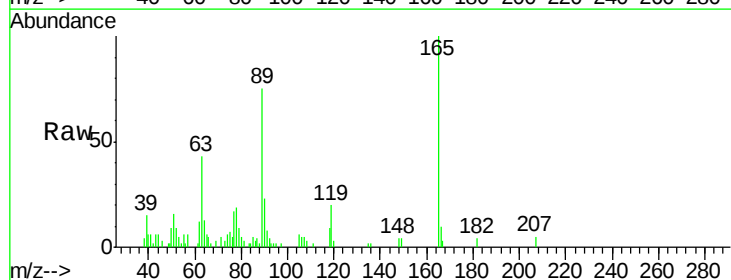
Tgt Ion:165 Resp: 26291

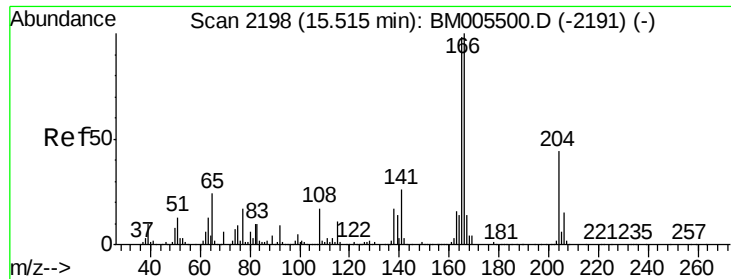
Ion Ratio Lower Upper

165 100

63 43.2 36.2 54.4

182 3.7 2.5 3.7





#58

Fluorene

Concen: 27.65 ng/ul

RT: 15.51 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9WR3

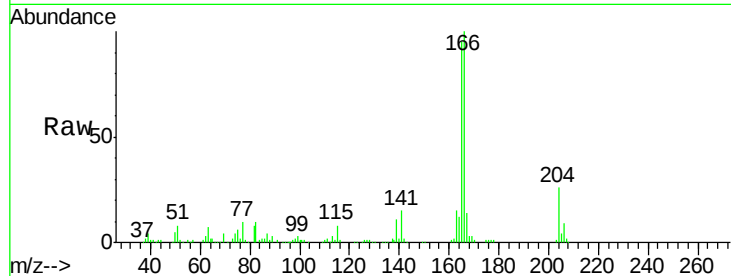
Tgt Ion:166 Resp: 251974

Ion Ratio Lower Upper

166 100

165 95.3 77.9 116.9

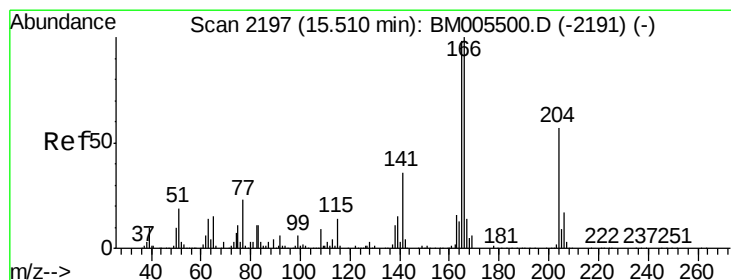
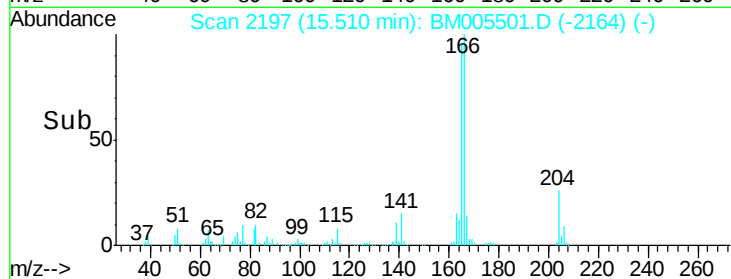
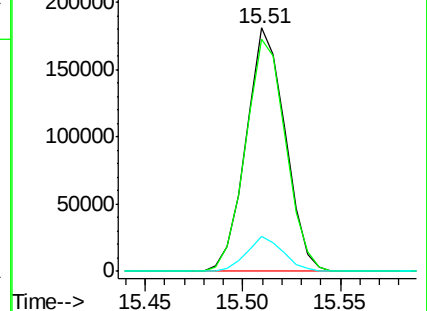
167 14.3 10.6 16.0



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: 14.14 ng/ul

RT: 15.51 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

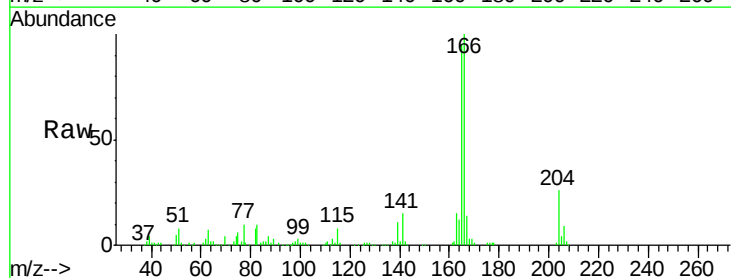
Tgt Ion:204 Resp: 61967

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

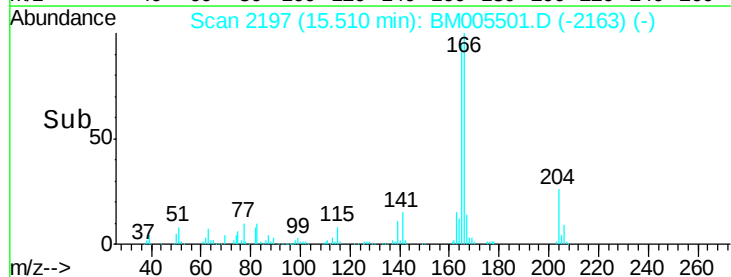
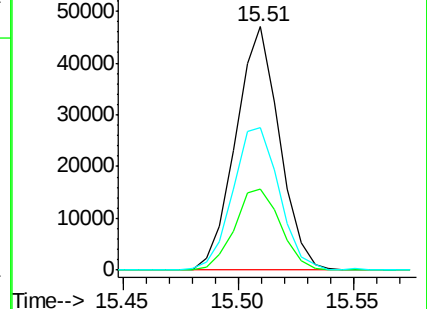
141 58.8 48.9 73.3

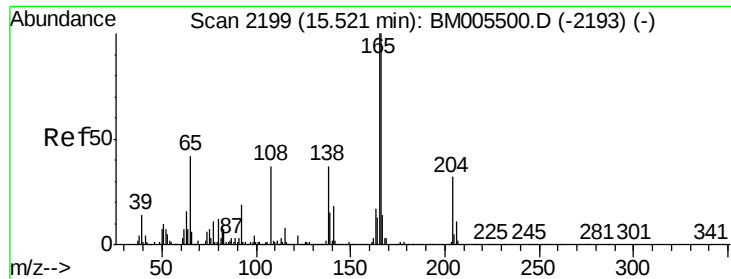


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

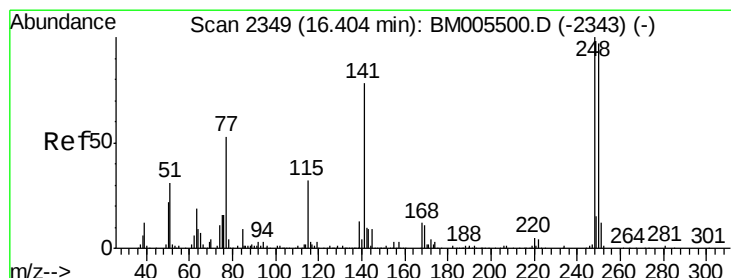
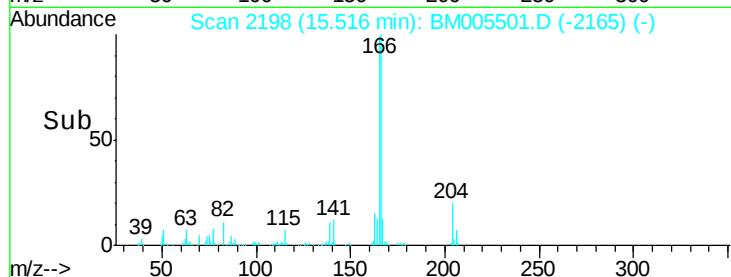
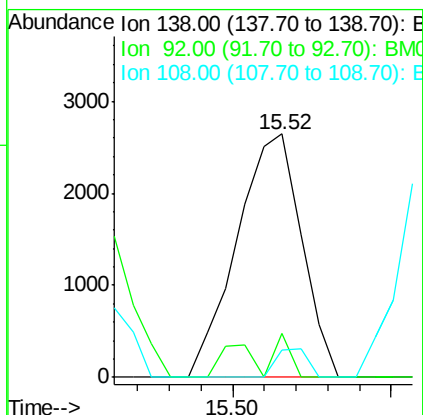
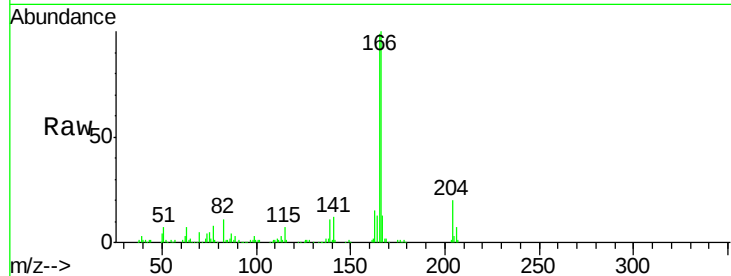




#60
4-Nitroaniline
Concen: 1.69 ng/ul
RT: 15.52 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

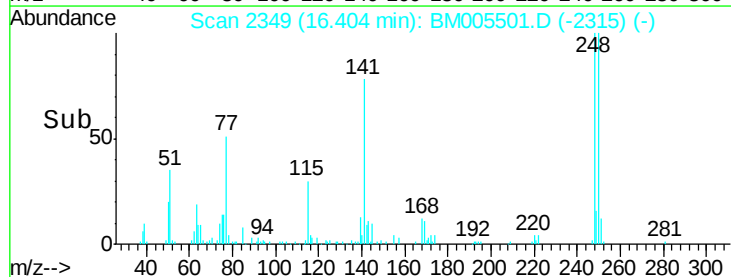
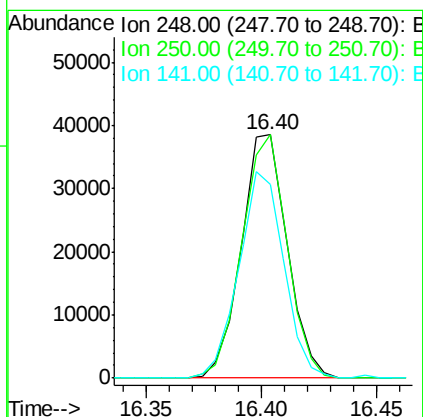
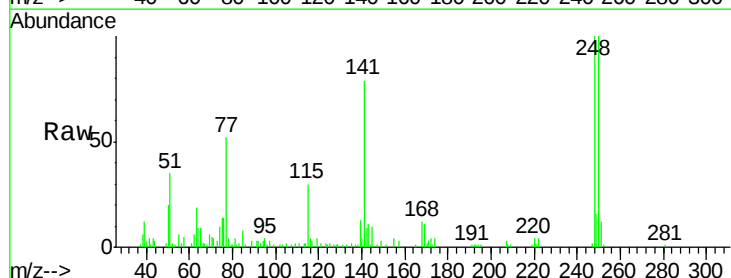
Instrument :
BNA_M
ClientSampleId :
D9WR3

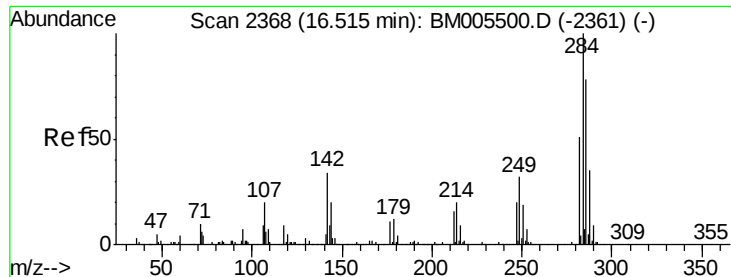
Tgt Ion:138 Resp: 3747
Ion Ratio Lower Upper
138 100
92 17.8 44.3 66.5#
108 11.4 66.3 99.5#



#65
4-Bromophenyl-phenylether
Concen: 16.93 ng/ul
RT: 16.40 min Scan# 2349
Delta R.T. 0.00 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

Tgt Ion:248 Resp: 53629
Ion Ratio Lower Upper
248 100
250 100.0 78.4 117.6
141 79.3 67.0 100.4

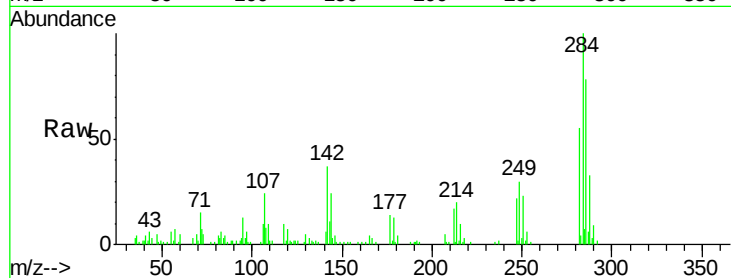




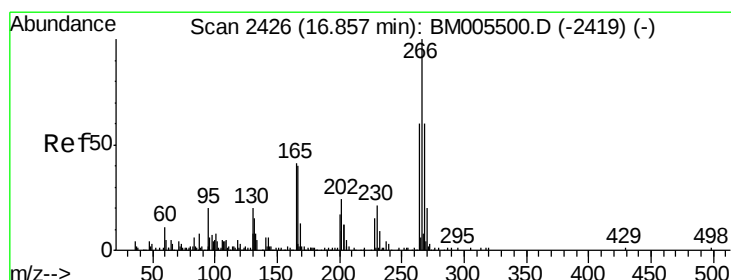
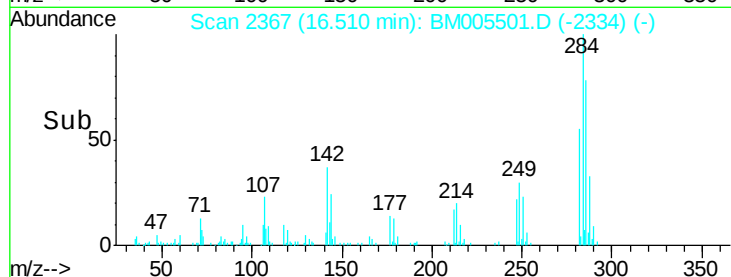
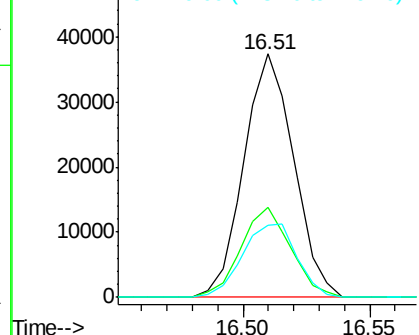
#66
Hexachlorobenzene
Concen: 13.83 ng/ul
RT: 16.51 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

Instrument :
BNA_M
ClientSampleId :
D9WR3

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	31.0	46.6
249	29.8	26.9	40.3

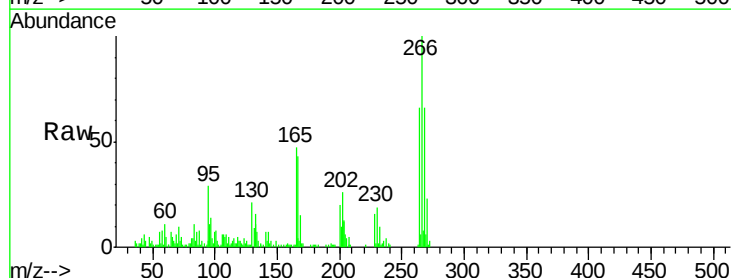


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

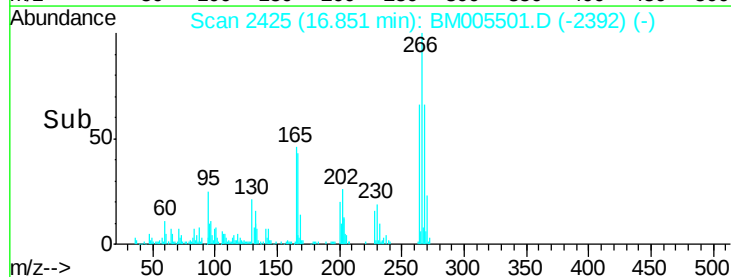
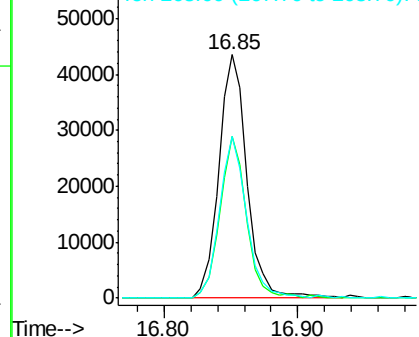


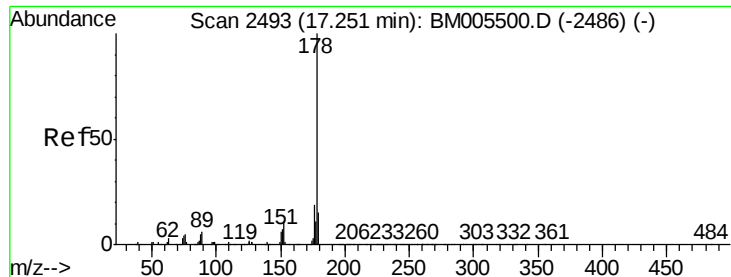
#68
Pentachlorophenol
Concen: 27.19 ng/ul
RT: 16.85 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM005501.D
Acq: 19 May 2016 16:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.2	52.0	78.0
268	66.2	53.0	79.6



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: 12.96 ng/ul

RT: 17.34 min Scan# 2508

Delta R.T. 0.09 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9WR3

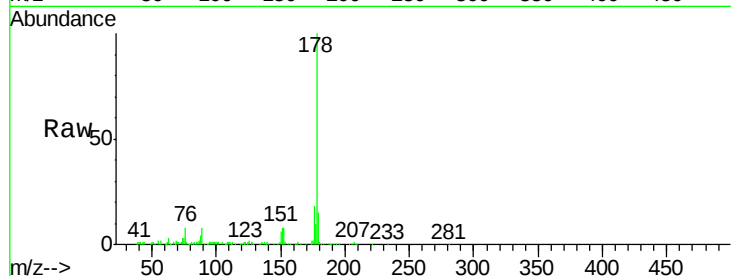
Tgt Ion:178 Resp: 231113

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

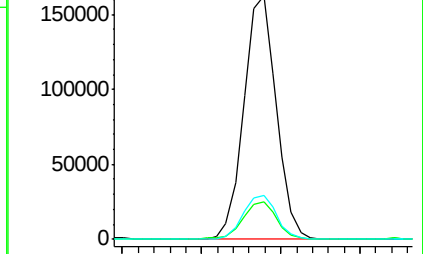
176 17.9 15.2 22.8



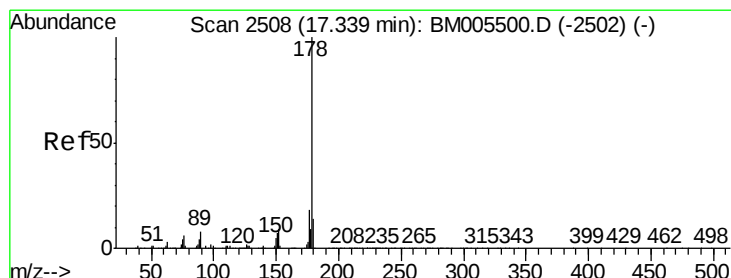
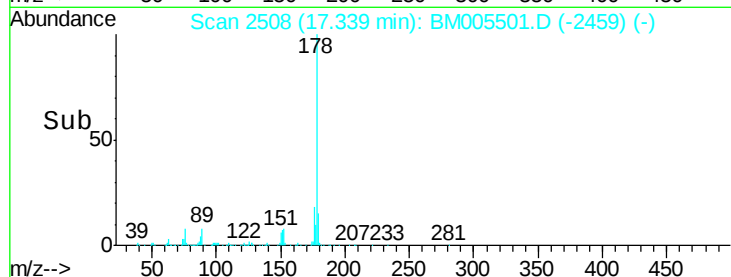
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.25 17.30 17.35 17.40



#71

Anthracene

Concen: 13.10 ng/ul

RT: 17.34 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

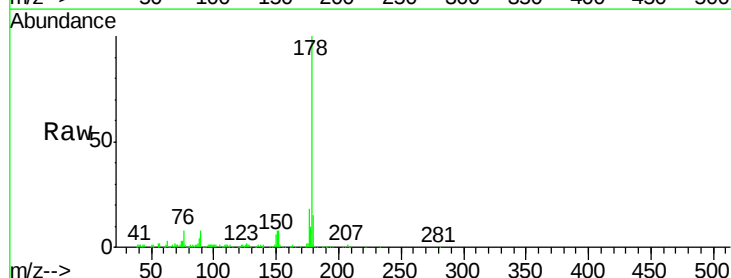
Tgt Ion:178 Resp: 231113

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

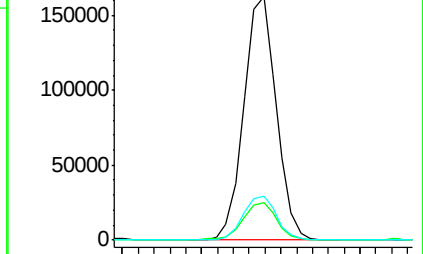
176 17.9 15.1 22.7



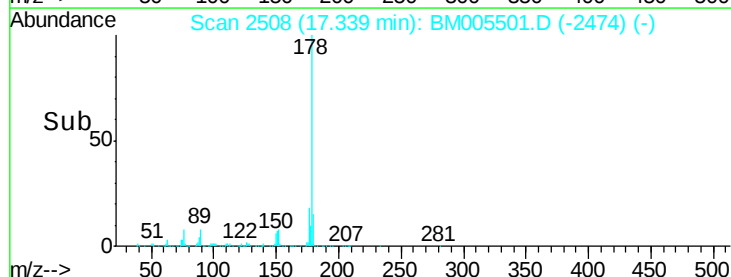
Abundance Ion 178.00 (177.70 to 178.70): E

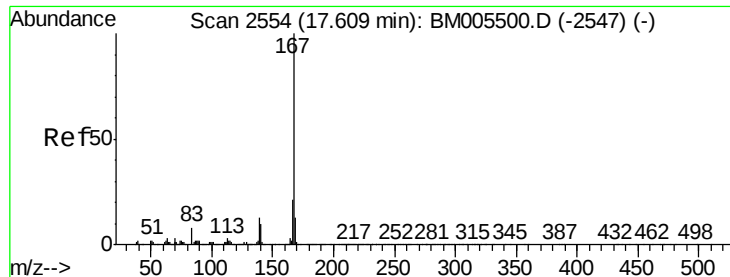
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.25 17.30 17.35 17.40





#72

Carbazole

Concen: 14.75 ng/ul

RT: 17.60 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

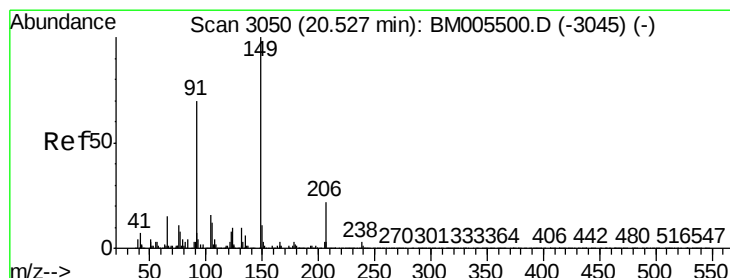
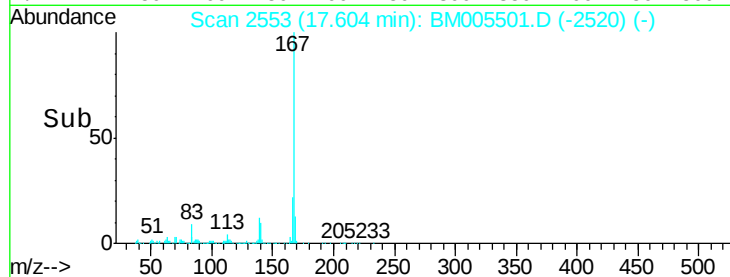
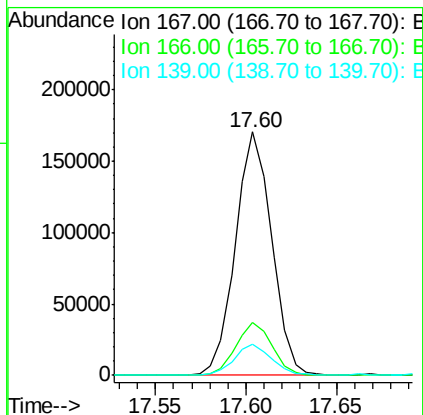
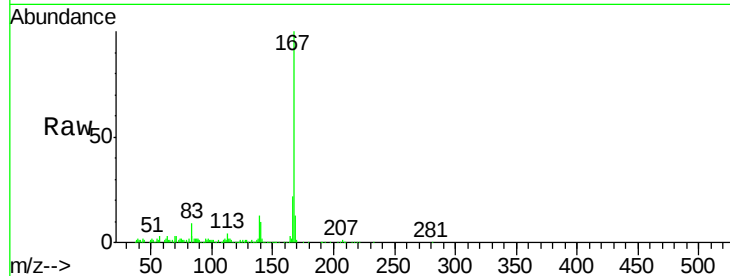
Instrument :

BNA_M

ClientSampleId :

D9WR3

Tgt Ion:	167	Resp:	235687
Ion Ratio		Lower	Upper
167	100		
166	22.0	17.1	25.7
139	12.7	10.2	15.2



#78

Butylbenzylphthalate

Concen: 22.10 ng/ul

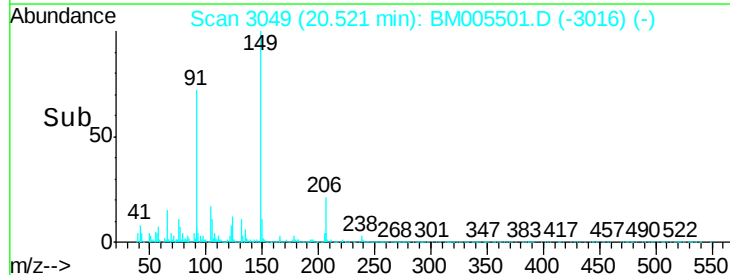
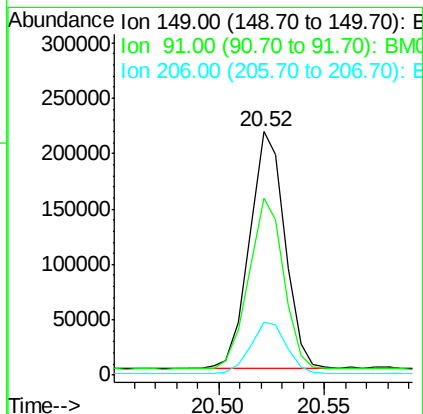
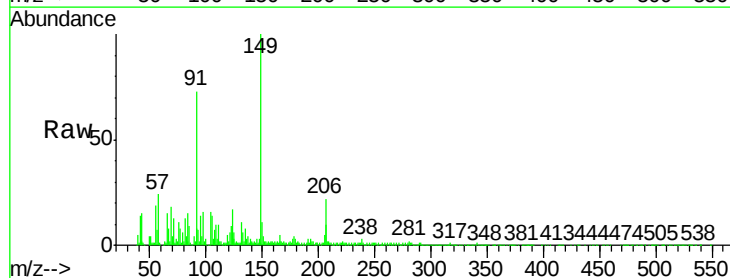
RT: 20.52 min Scan# 3049

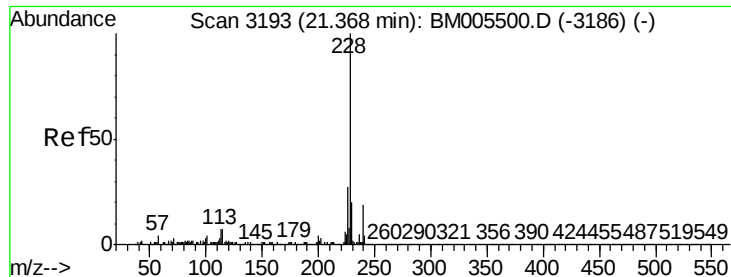
Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Tgt Ion:	149	Resp:	247839
Ion Ratio		Lower	Upper
149	100		
91	72.8	58.4	87.6
206	21.6	17.3	25.9





#80

Benzo(a)anthracene

Concen: 22.19 ng/ul

RT: 21.36 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9WR3

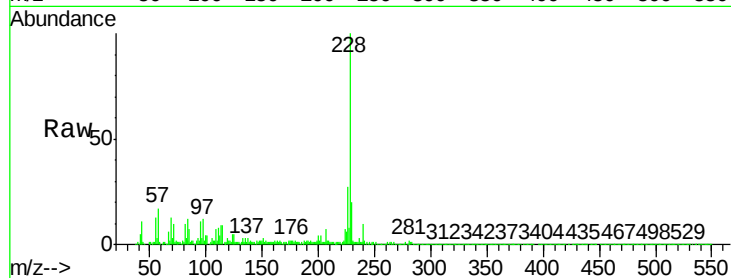
Tgt Ion:228 Resp: 642608

Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

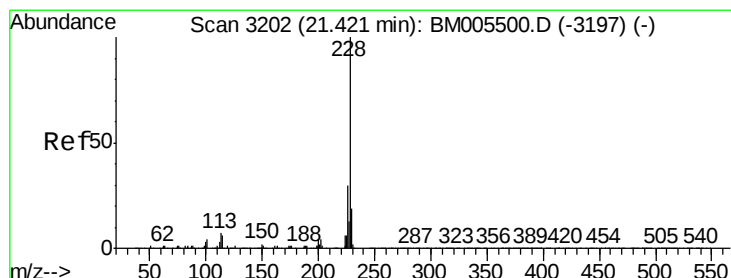
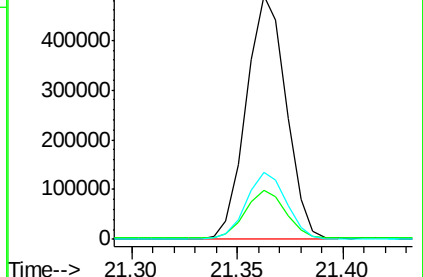
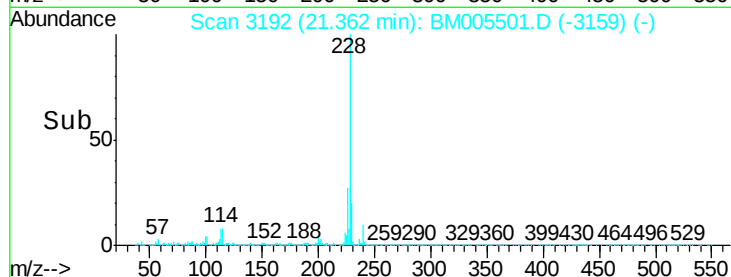
226 27.4 21.8 32.8



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: 23.46 ng/ul

RT: 21.36 min Scan# 3192

Delta R.T. -0.06 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

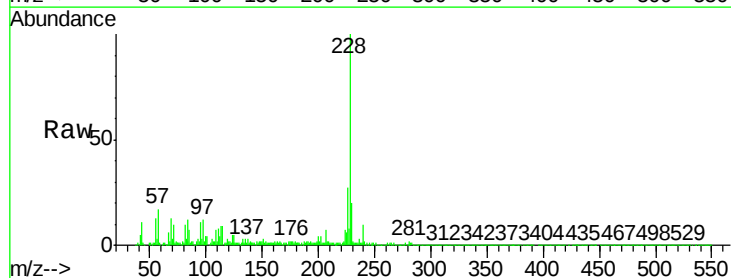
Tgt Ion:228 Resp: 642608

Ion Ratio Lower Upper

228 100

226 27.4 23.6 35.4

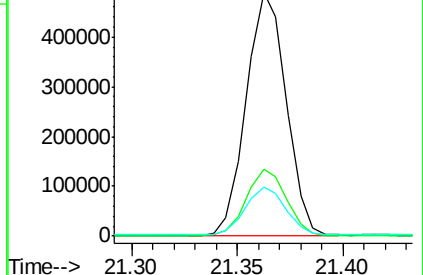
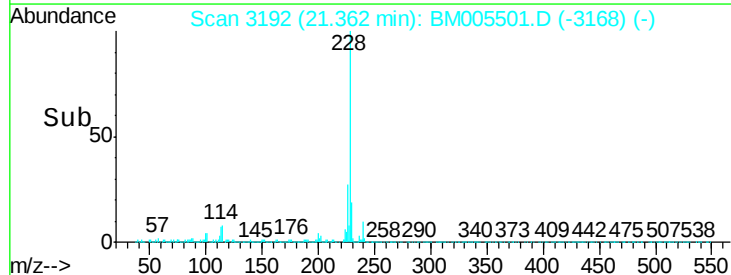
229 20.0 15.4 23.0

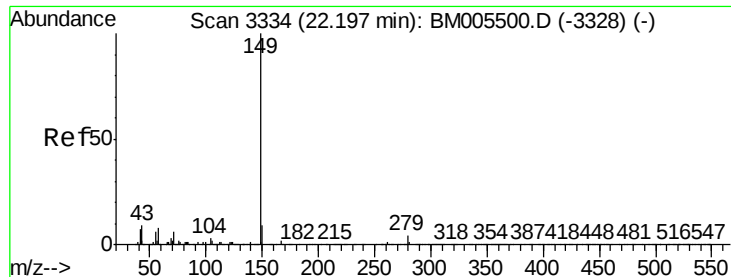


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 20.33 ng/ul

RT: 22.19 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9WR3

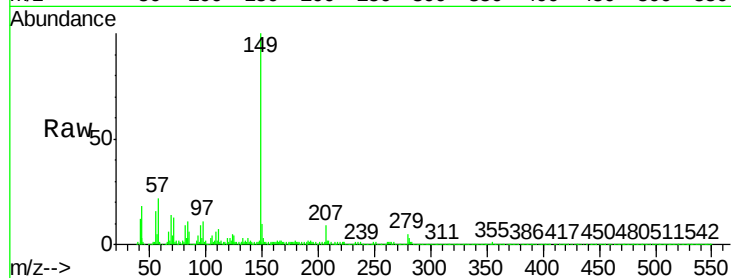
Tgt Ion:149 Resp: 731655

Ion Ratio Lower Upper

149 100

167 2.5 1.3 1.9#

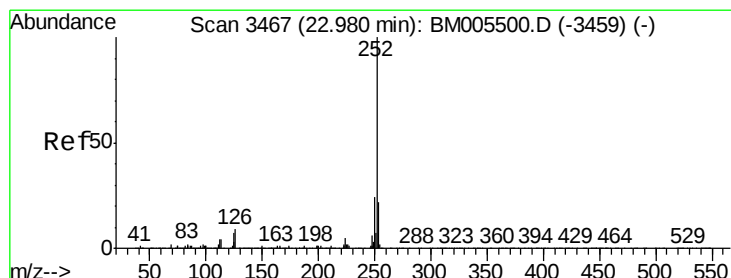
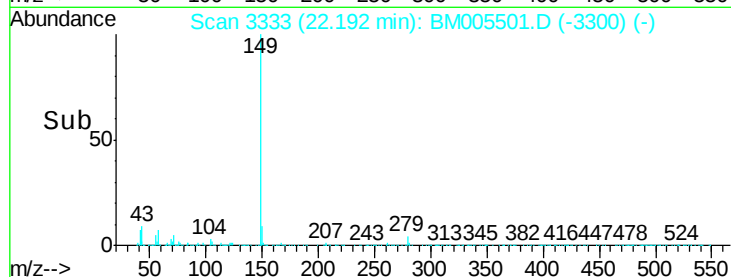
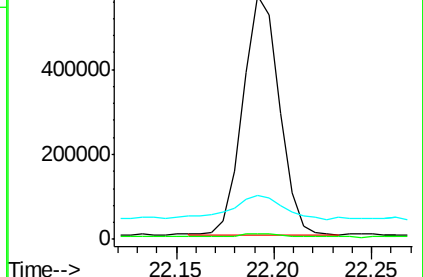
43 18.2 7.4 11.0#



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: 23.76 ng/ul

RT: 22.97 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

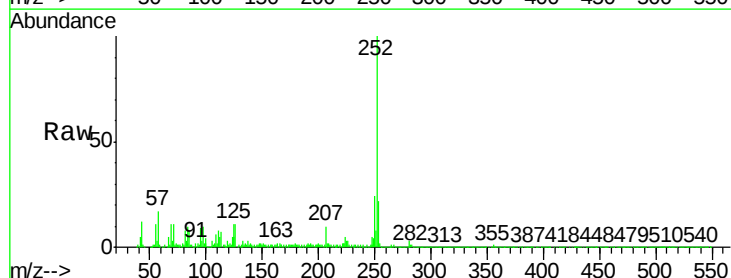
Tgt Ion:252 Resp: 921992

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

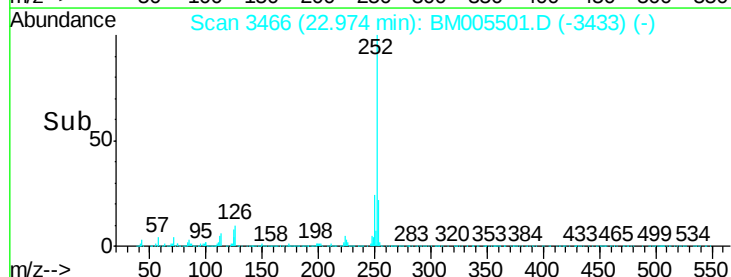
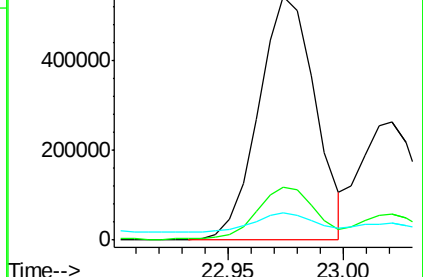
125 11.0 8.4 12.6

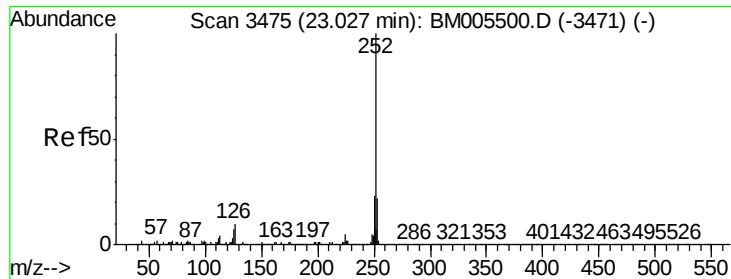


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 24.46 ng/ul

RT: 22.97 min Scan# 3466

Delta R.T. -0.05 min

Lab File: BM005501.D

Acq: 19 May 2016 16:34

Instrument :

BNA_M

ClientSampleId :

D9WR3

Tgt Ion: 252 Resp: 921992

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 11.0 8.0 12.0

