

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079748.D
 Acq On : 6 Jun 2015 1:38
 Operator : TP/IZ
 Sample : G2443-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-024

Quant Time: Jun 08 04:41:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 04:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	58542	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	236808	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	132251	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	265925	20.00	ng	0.00
75) Chrysene-d12	14.96	240	277726	20.00	ng	-0.06
86) Perylene-d12	16.88	264	275204	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	42243	6.05	ng	0.00
7) Phenol-d6	7.07	99	52280	5.79	ng	-0.01
23) Nitrobenzene-d5	8.04	82	23373	3.03	ng	0.00
41) 2,4,6-Tribromophenol	11.35	330	10229	4.04	ng	-0.01
44) 2-Fluorobiphenyl	9.86	172	64793	3.32	ng	0.00
78) Terphenyl-d14	13.73	244	84271	3.47	ng	-0.02

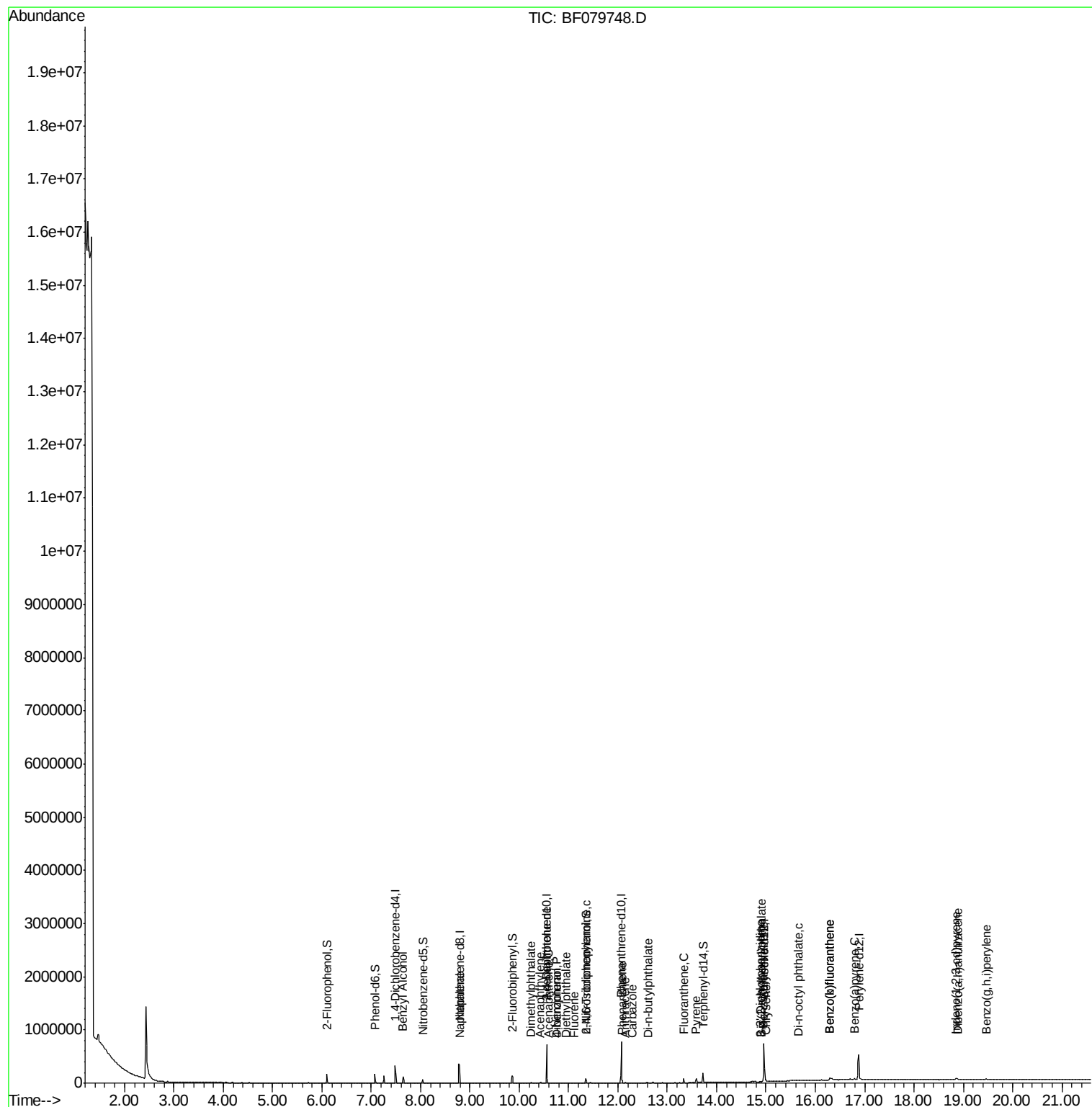
Target Compounds						Qvalue
15) Benzyl Alcohol	7.64	79	512	0.14	ng	# 18
31) Naphthalene	8.80	128	758	0.06	ng	# 68
48) Acenaphthylene	10.42	152	2732	0.18	ng	# 90
49) Dimethylphthalate	10.24	163	8547	0.84	ng	# 95
51) Acenaphthene	10.59	154	418	0.05	ng	# 85
54) Dibenzofuran	10.76	168	614	0.05	ng	# 69
55) 4-Nitrophenol	10.76	139	316	0.20	ng	# 9
56) 2,4-Dinitrotoluene	10.56	165	16147	11.03	ng	# 32
57) Fluorene	11.11	166	780	0.07	ng	# 94
59) Diethylphthalate	10.95	149	266	0.03	ng	# 58
65) n-Nitrosodiphenylamine	11.35	169	324	0.04	ng	# 23
70) Phenanthrene	12.09	178	19216	1.23	ng	99
71) Anthracene	12.15	178	3838	0.25	ng	96
72) Carbazole	12.28	167	2056	0.14	ng	# 87
73) Di-n-butylphthalate	12.61	149	626	0.04	ng	# 65
74) Fluoranthene	13.34	202	38598	2.26	ng	96
77) Pyrene	13.59	202	34502	2.03	ng	99
80) Benzo(a)anthracene	14.95	228	21690	1.28	ng	97
81) 3,3'-Dichlorobenzidine	14.89	252	235	0.04	ng	# 24
82) Chrysene	14.99	228	18861	1.20	ng	97
83) Bis(2-ethylhexyl)phthalate	14.90	149	409	0.04	ng	# 53
84) Di-n-octyl phthalate	15.66	149	1069	0.06	ng	# 89
85) Indeno(1,2,3-cd)pyrene	18.86	276	24527	1.35	ng	96
87) Benzo(b)fluoranthene	16.30	252	39991	2.34	ng	# 90
88) Benzo(k)fluoranthene	16.30	252	39991	2.44	ng	# 93
89) Benzo(a)pyrene	16.79	252	22181	1.41	ng	# 96
90) Dibenzo(a,h)anthracene	18.88	278	12945	0.85	ng	95
91) Benzo(g,h,i)perylene	19.46	276	20192	1.28	ng	94

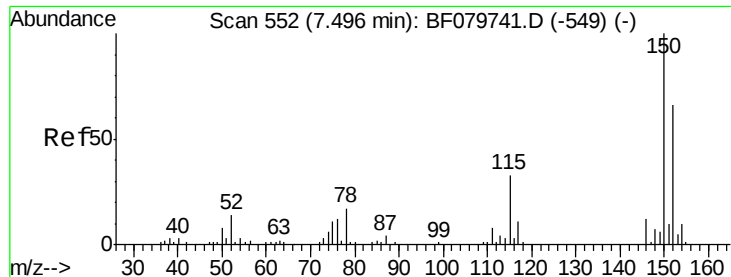
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

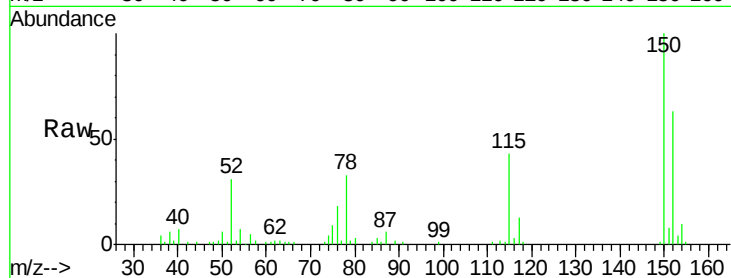
Tot Ion:152 Resp: 58542

Ion Ratio Lower Upper

152 100

150 158.2 128.1 192.1

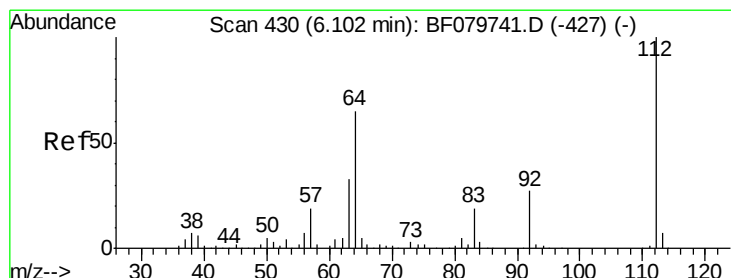
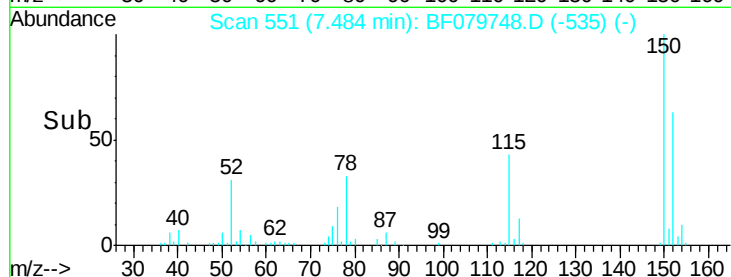
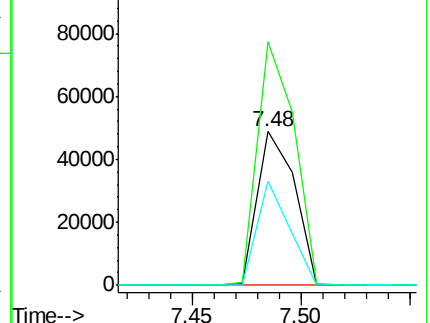
115 67.7 49.7 74.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 6.05 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

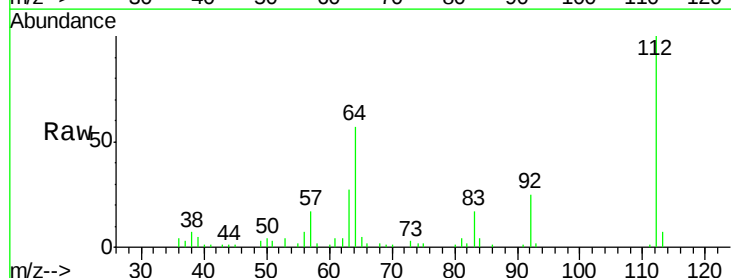
Tgt Ion:112 Resp: 42243

Ion Ratio Lower Upper

112 100

64 56.5 49.6 74.4

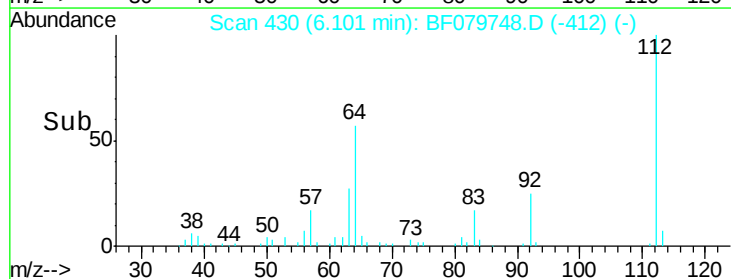
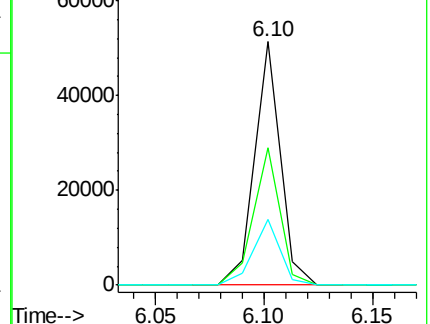
63 27.1 24.9 37.3

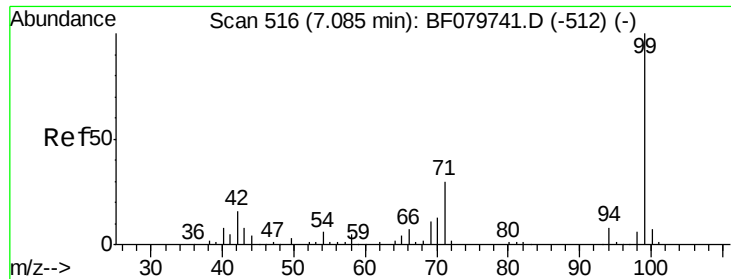


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.79 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

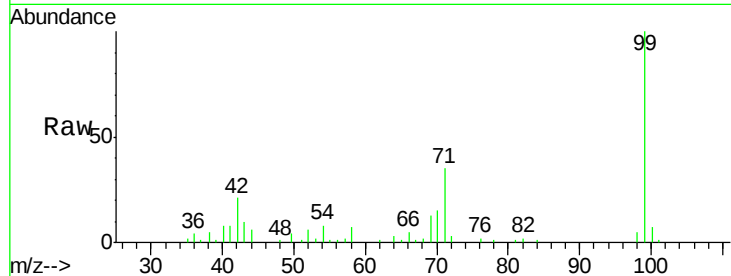
Tot Ion: 99 Resp: 52280

Ion Ratio Lower Upper

99 100

42 21.2 18.0 27.0

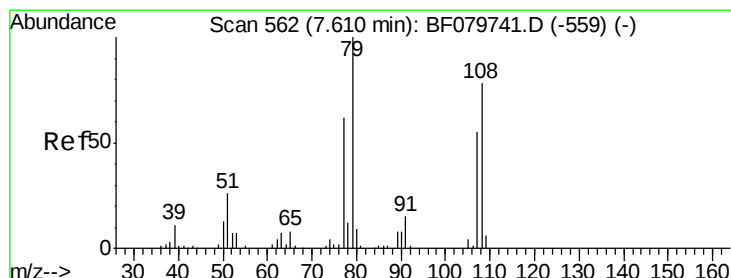
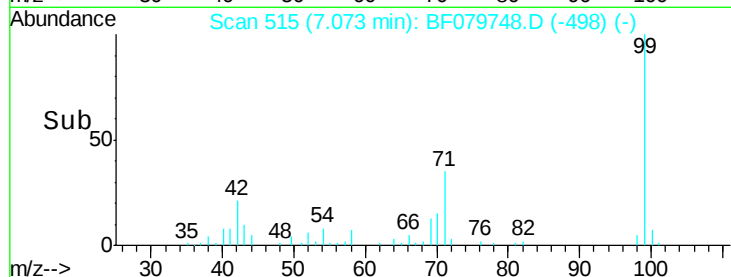
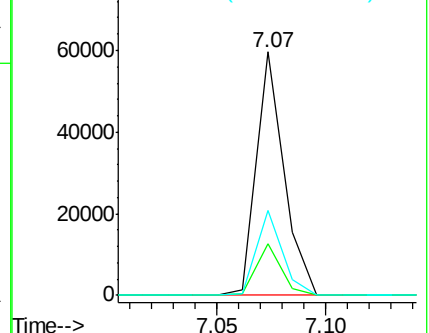
71 34.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 0.14 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

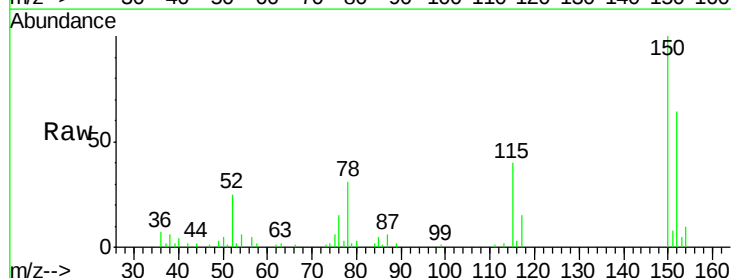
Tgt Ion: 79 Resp: 512

Ion Ratio Lower Upper

79 100

108 0.0 68.4 102.6#

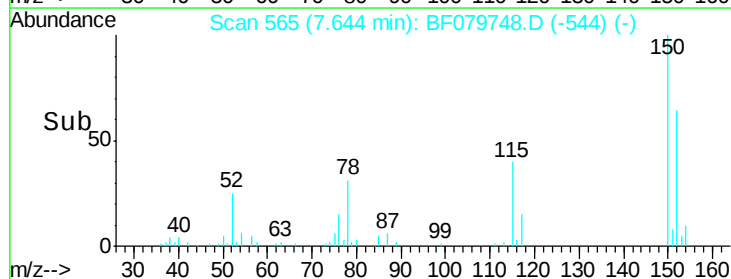
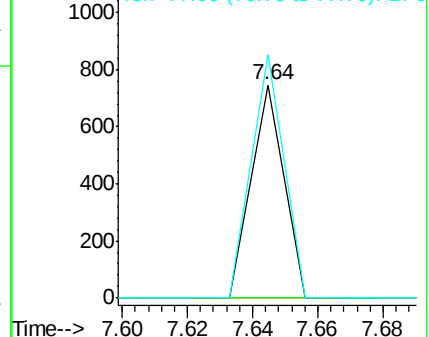
77 114.3 50.0 75.0#

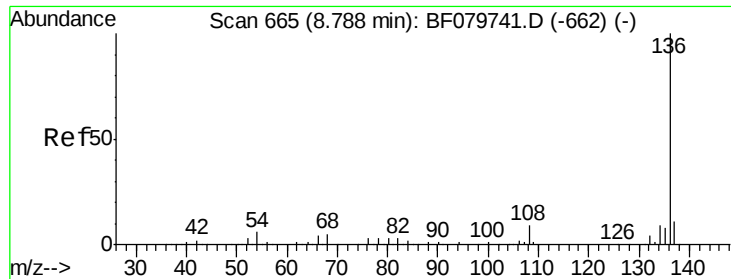


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

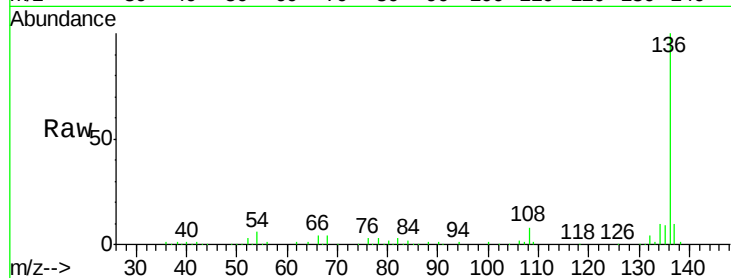




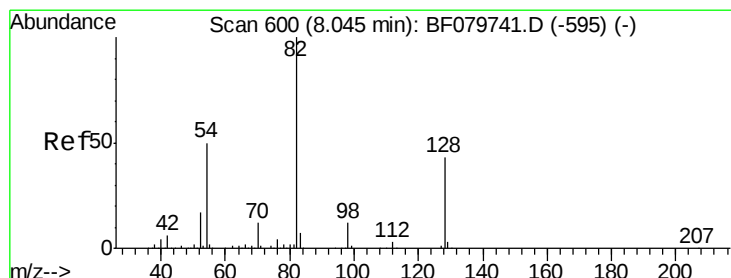
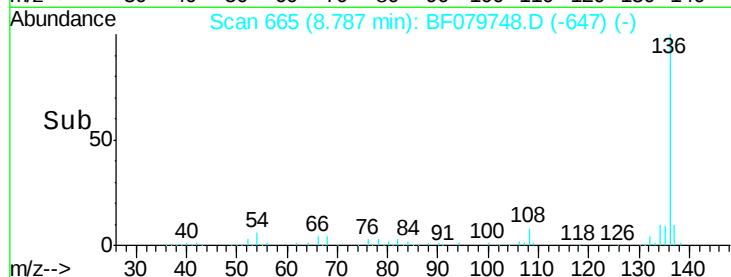
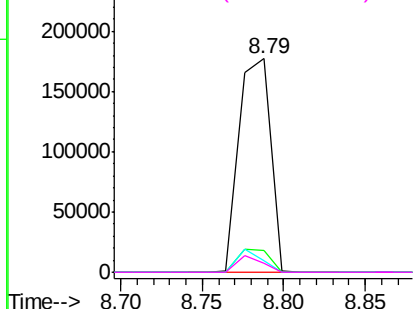
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Instrument :
BNA_F
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SW-024

Tot Ion:136	Resp:	236808
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.8 13.2
54	5.6	8.7 13.1#
68	4.4	5.8 8.8#

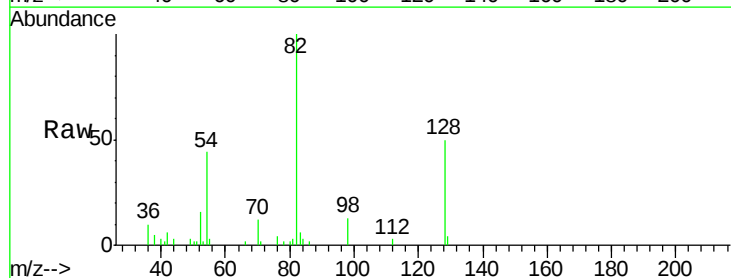


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

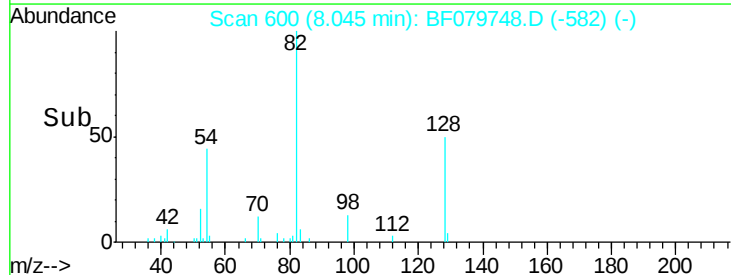
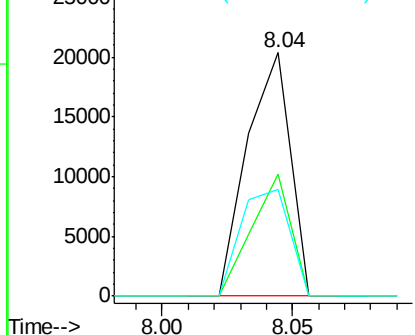


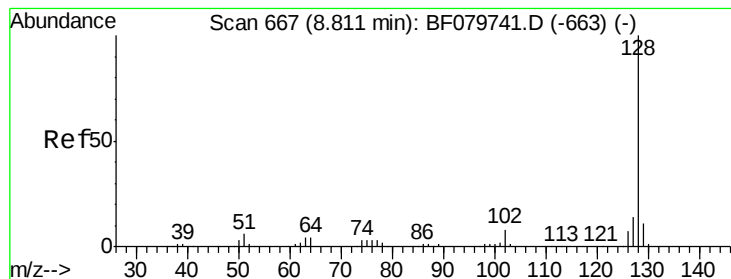
#23
Nitrobenzene-d5
Concen: 3.03 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Tgt Ion: 82	Resp:	23373
Ion Ratio	Lower	Upper
82	100	
128	50.2	37.6 56.4
54	44.0	39.4 59.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 0.06 ng

RT: 8.80 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampled :

SW-024

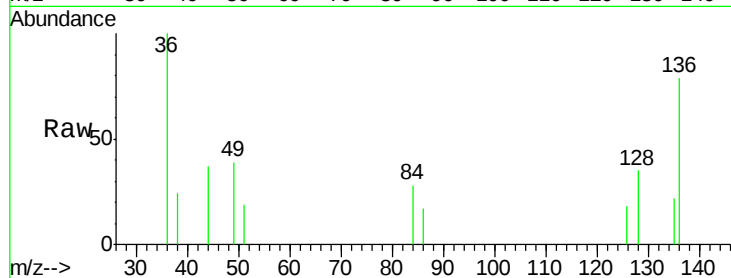
Tot Ion:128 Resp: 758

Ion Ratio Lower Upper

128 100

129 0.0 9.4 14.2#

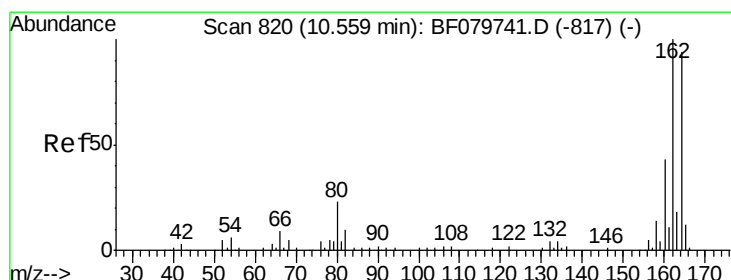
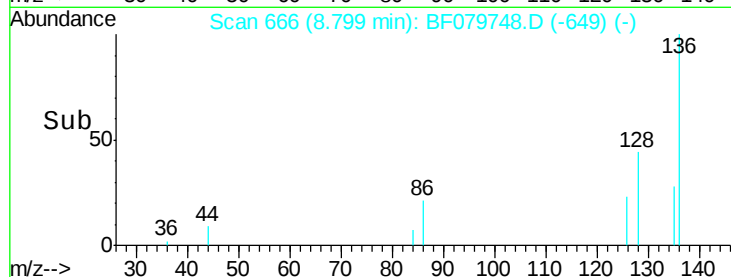
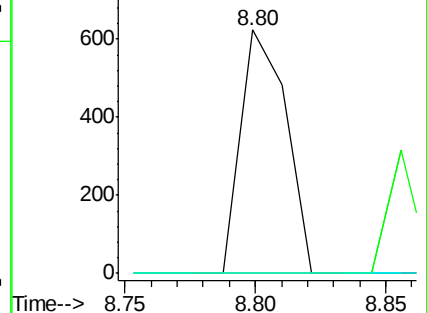
127 0.0 10.7 16.1#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.56 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

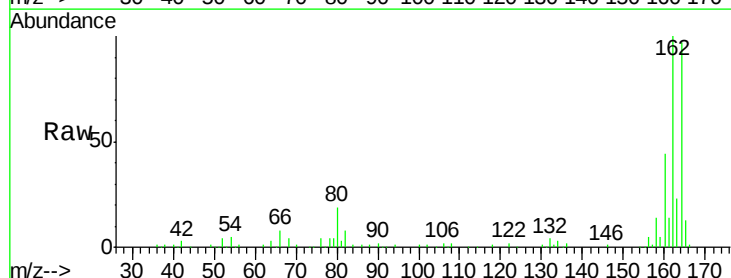
Tgt Ion:164 Resp: 132251

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

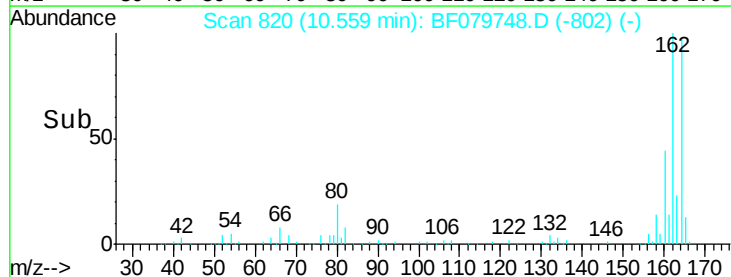
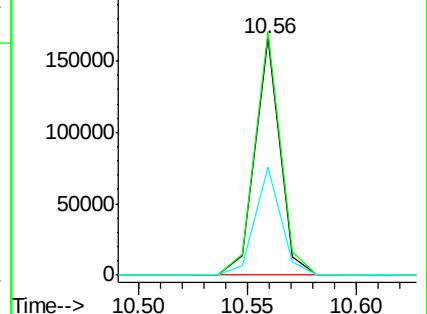
160 45.7 36.8 55.2

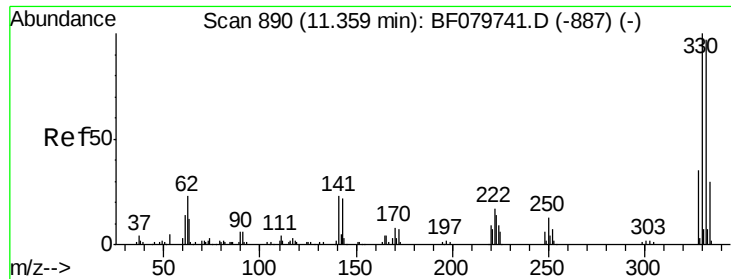


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

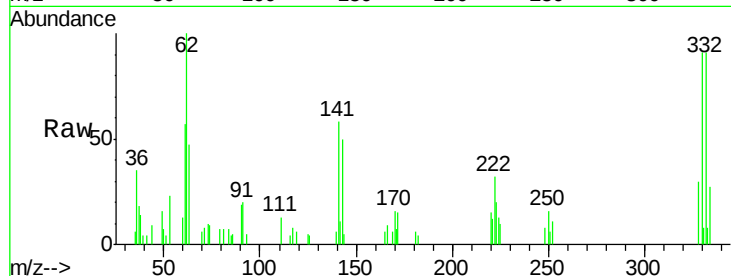




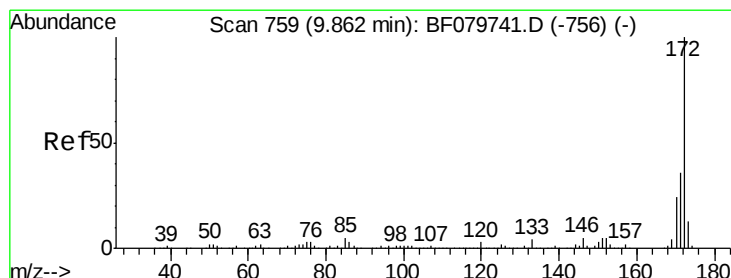
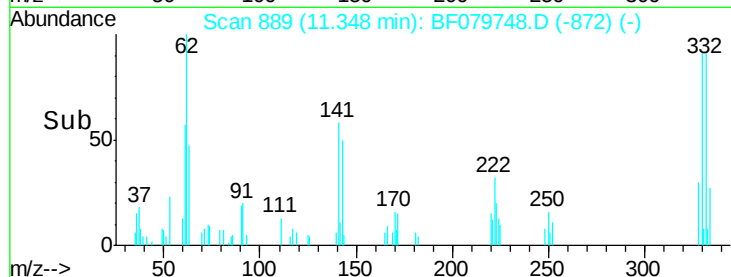
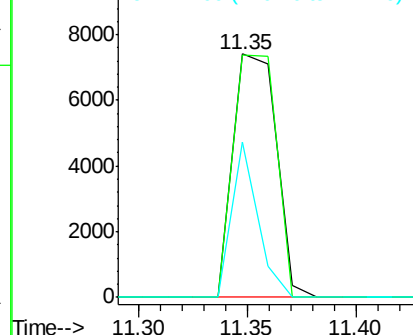
#41
 2,4,6-Tribromophenol
 Concen: 4.04 ng
 RT: 11.35 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-024

Tot Ion:330 Resp: 10229
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.0
 141 38.1 30.2 45.2

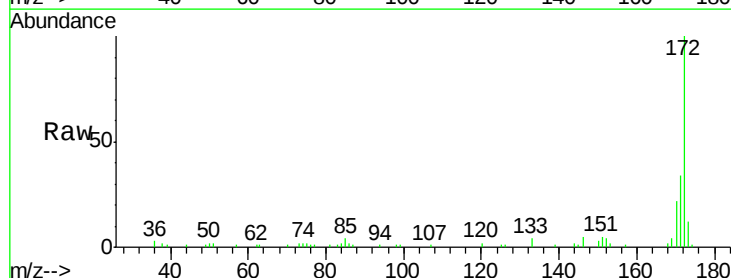


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

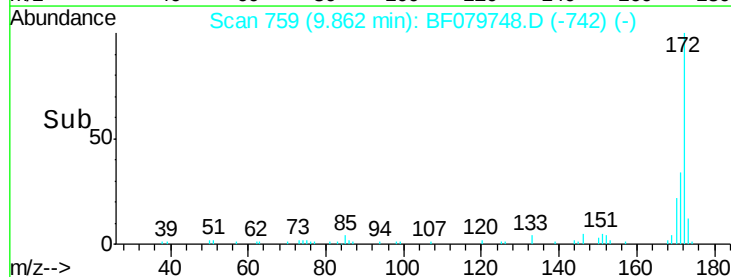
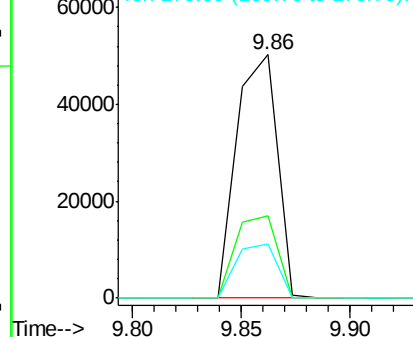


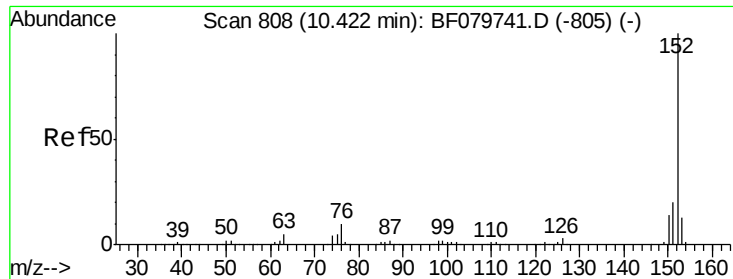
#44
 2-Fluorobiphenyl
 Concen: 3.32 ng
 RT: 9.86 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Tgt Ion:172 Resp: 64793
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.4 44.0
 170 22.4 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 0.18 ng

RT: 10.42 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

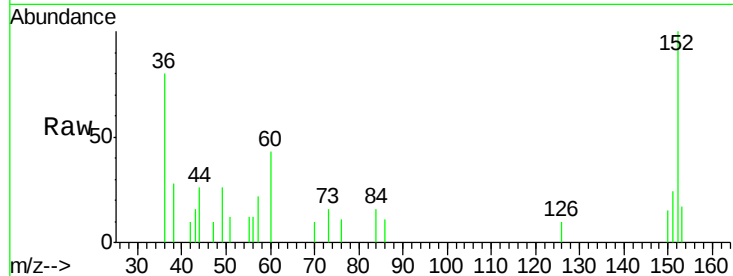
Tot Ion:152 Resp: 2732

Ion Ratio Lower Upper

152 100

151 24.5 16.2 24.4#

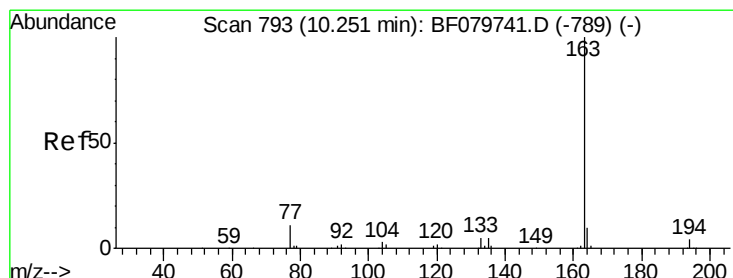
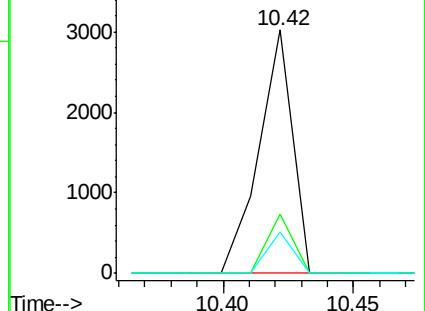
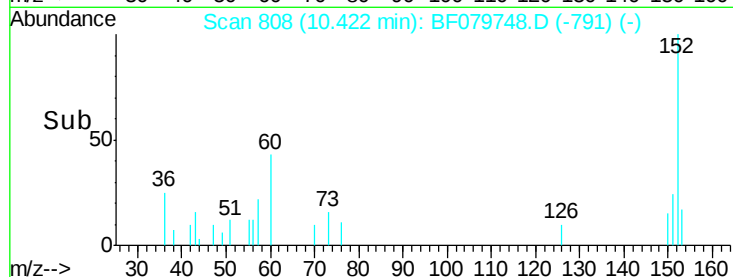
153 17.2 10.4 15.6#



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



#49

Dimethylphthalate

Concen: 0.84 ng

RT: 10.24 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

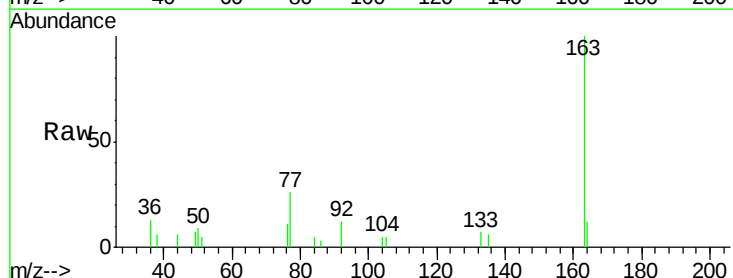
Tgt Ion:163 Resp: 8547

Ion Ratio Lower Upper

163 100

194 0.0 2.6 3.8#

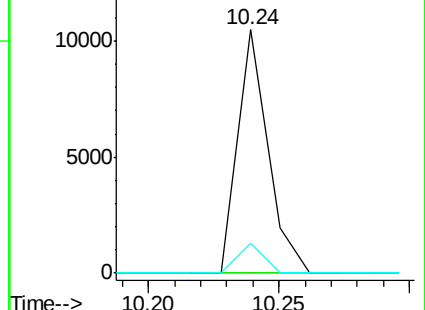
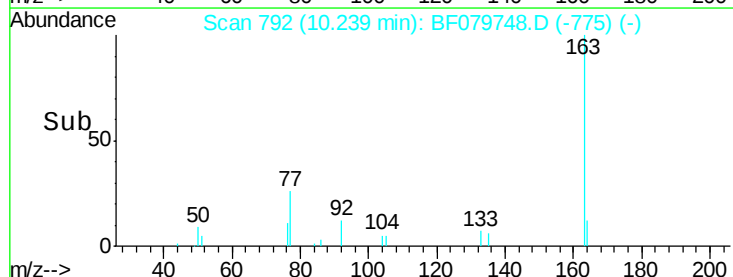
164 12.1 8.5 12.7

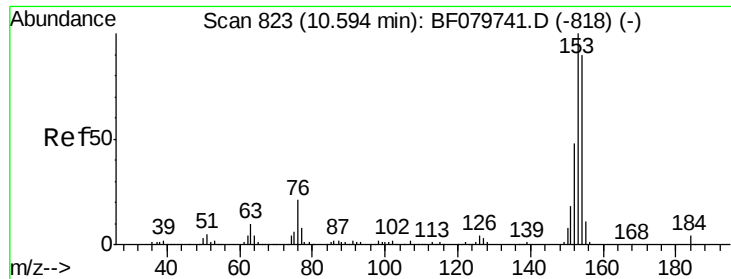


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 0.05 ng

RT: 10.59 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

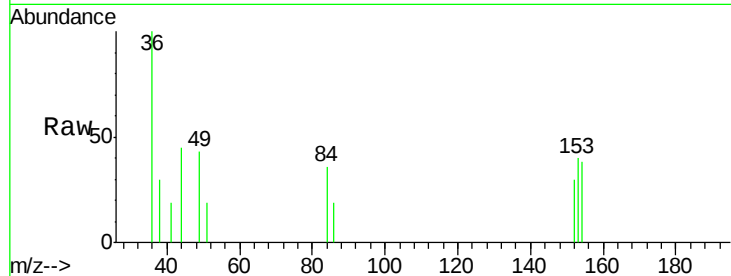
Tot Ion:154 Resp: 418

Ion Ratio Lower Upper

154 100

153 106.6 90.1 135.1

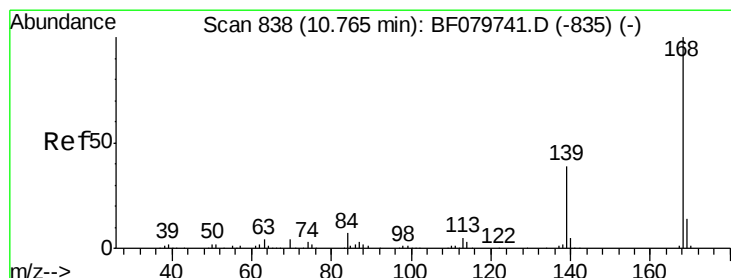
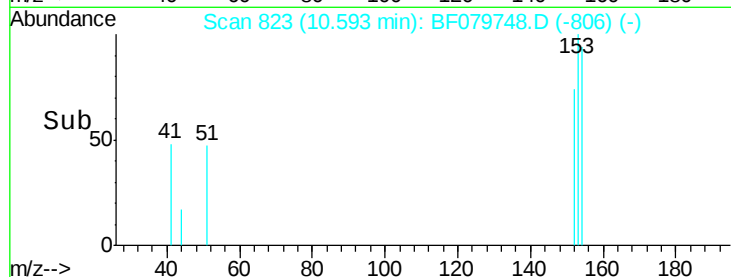
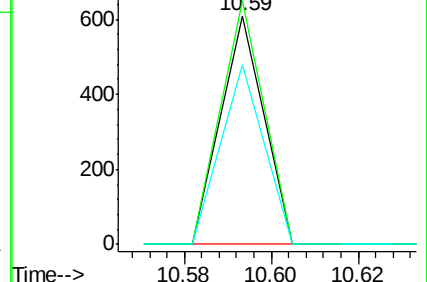
152 78.8 43.4 65.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.05 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

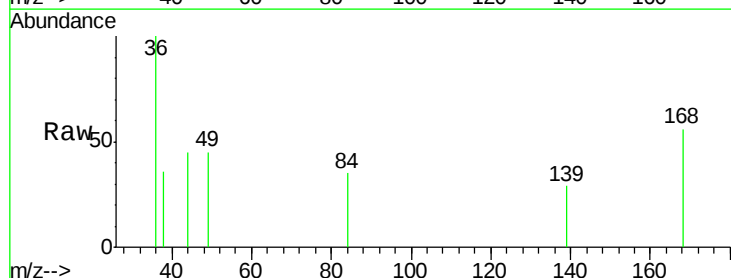
Tgt Ion:168 Resp: 614

Ion Ratio Lower Upper

168 100

139 51.5 27.7 41.5#

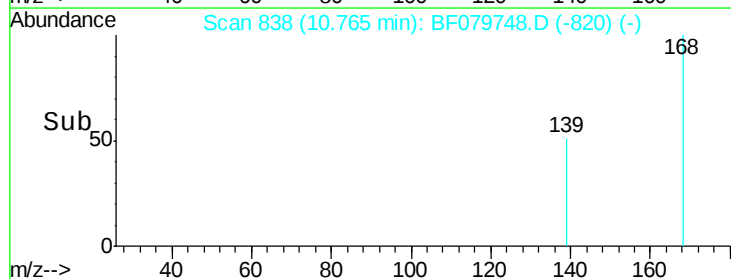
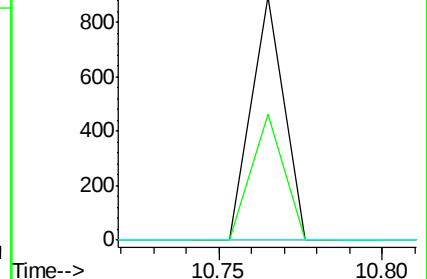
169 0.0 11.0 16.4#

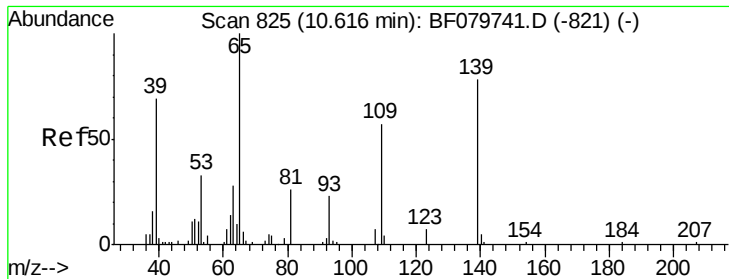


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

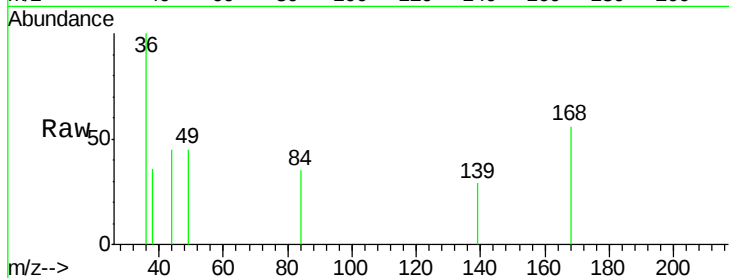




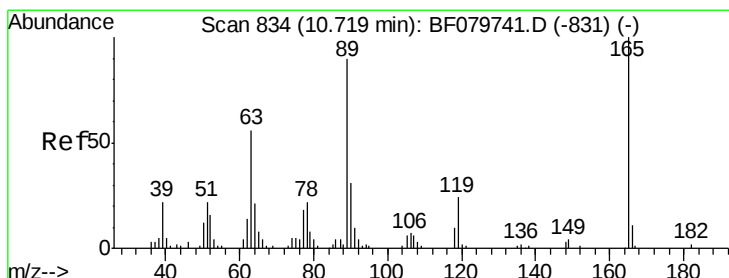
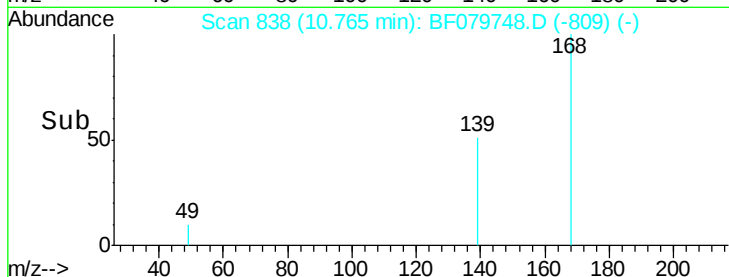
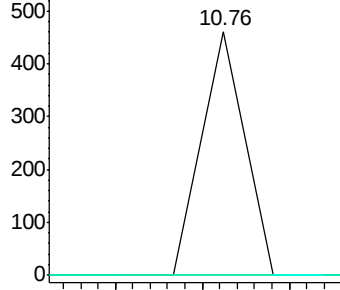
#55
4-Nitrophenol
Concen: 0.20 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.14 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Instrument :
BNA_F
ClientSampleId :
SW-024

Tot Ion:139 Resp: 316
Ion Ratio Lower Upper
139 100
109 0.0 44.2 84.2#
65 0.0 72.3 112.3#

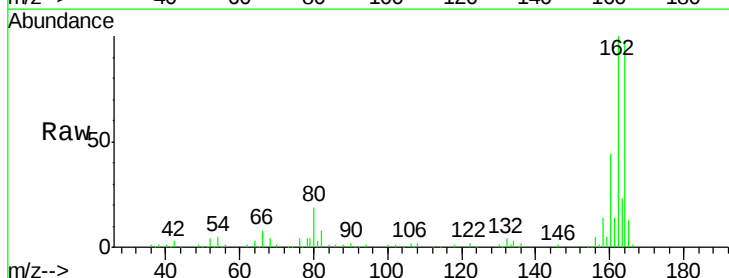


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

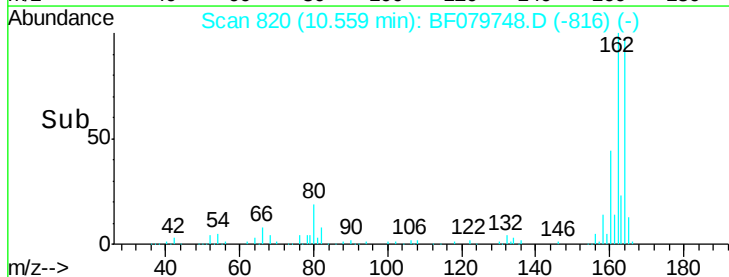
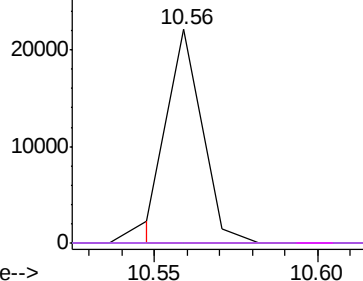


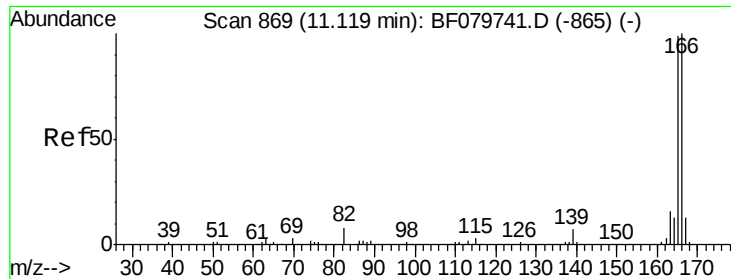
#56
2,4-Dinitrotoluene
Concen: 11.03 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.16 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Tgt Ion:165 Resp: 16147
Ion Ratio Lower Upper
165 100
63 0.0 24.7 37.1#
89 0.0 45.7 68.5#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

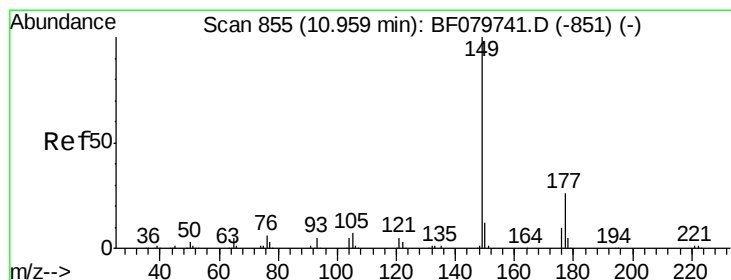
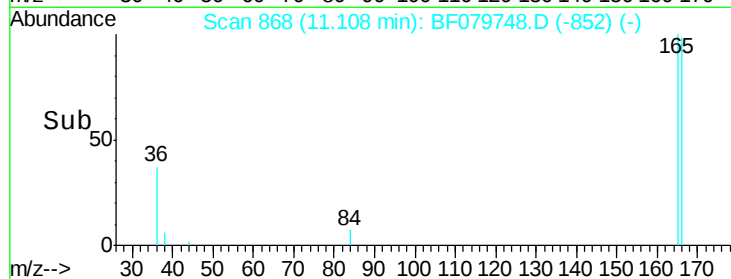
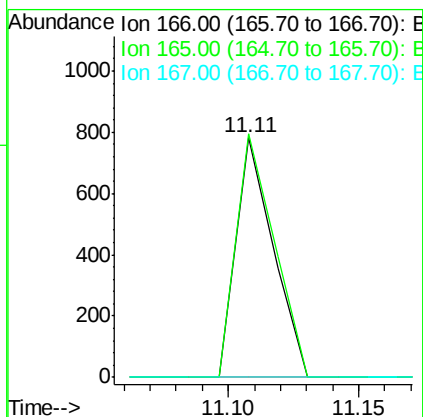
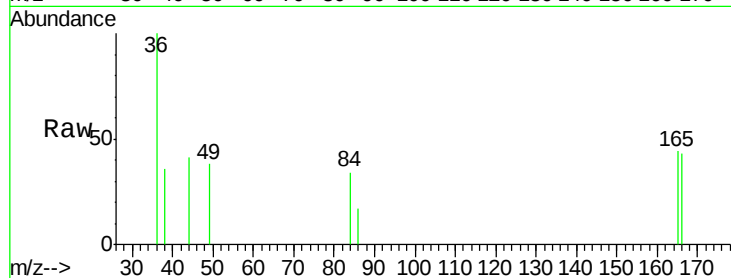




#57
Fluorene
 Concen: 0.07 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

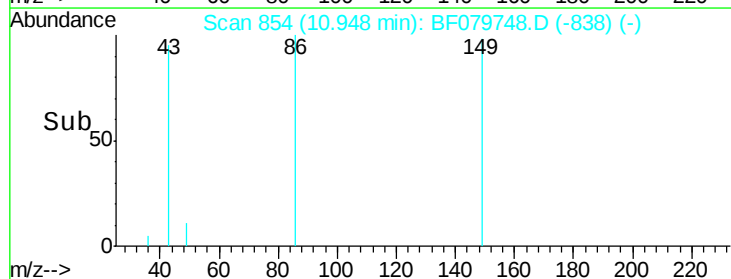
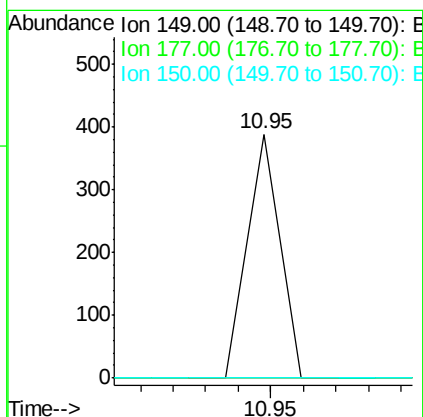
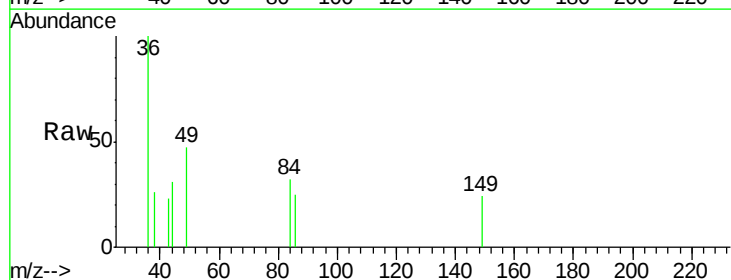
Instrument :
 BNA_F
 ClientSampleId :
 SW-024

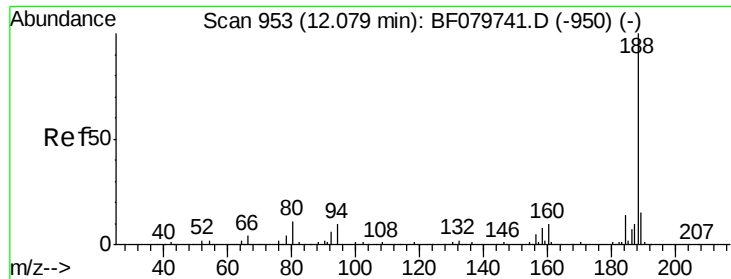
Tot Ion:166 Resp: 780
 Ion Ratio Lower Upper
 166 100
 165 101.7 79.4 119.0
 167 0.0 11.0 16.4#



#59
Diethylphthalate
 Concen: 0.03 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Tgt Ion:149 Resp: 266
 Ion Ratio Lower Upper
 149 100
 177 0.0 18.1 27.1#
 150 0.0 10.5 15.7#

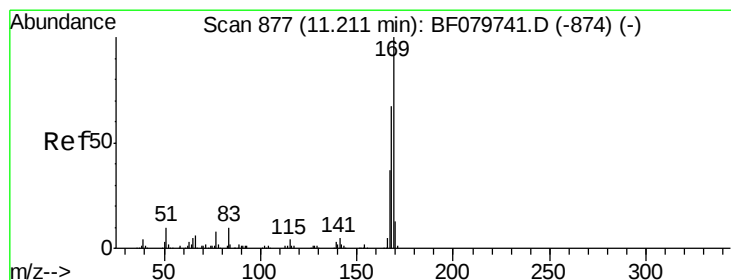
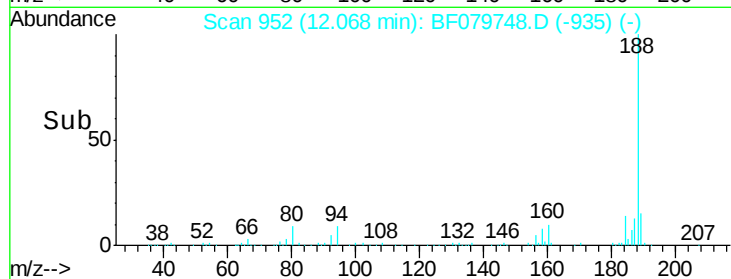
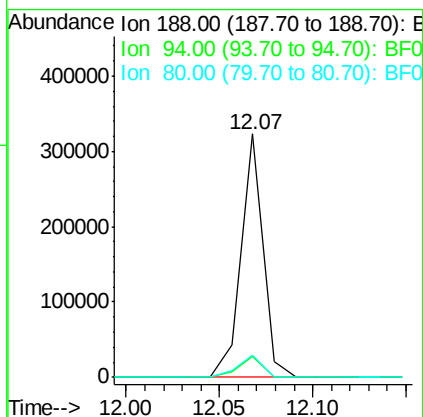
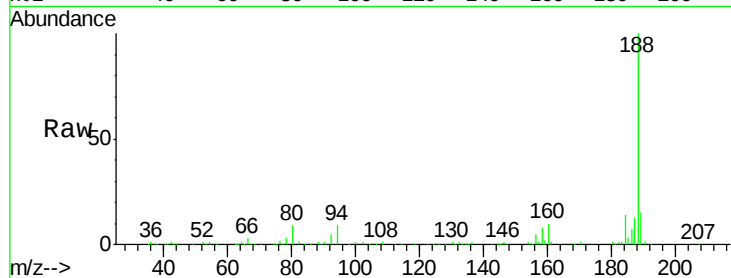




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.07 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

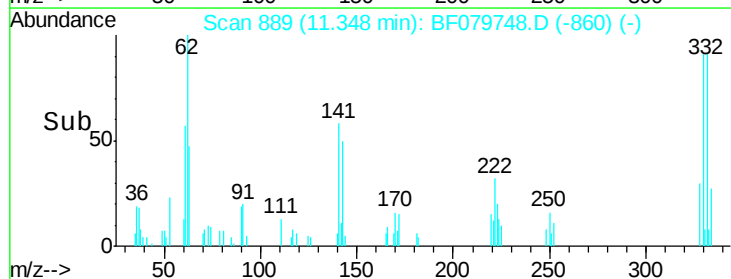
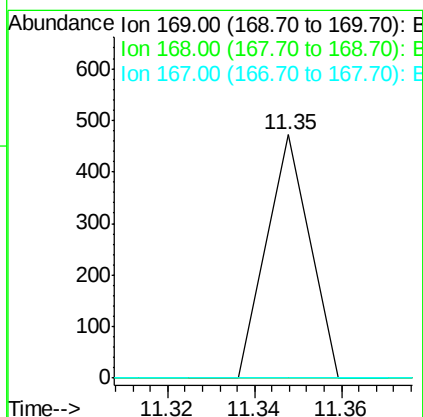
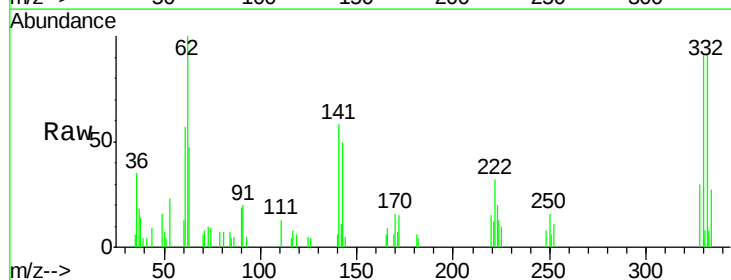
Instrument :
BNA_F
ClientSampleId :
SW-024

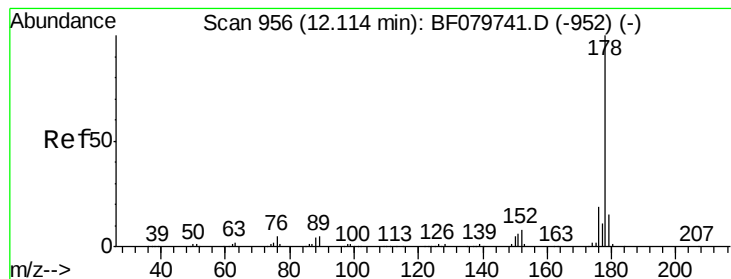
Tot Ion:188 Resp: 265925
Ion Ratio Lower Upper
188 100
94 8.6 5.0 7.4#
80 9.0 5.3 7.9#



#65
n-Nitrosodiphenylamine
Concen: 0.04 ng
RT: 11.35 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Tgt Ion:169 Resp: 324
Ion Ratio Lower Upper
169 100
168 0.0 54.8 82.2#
167 0.0 29.7 44.5#





#70

Phenanthrene

Concen: 1.23 ng

RT: 12.09 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

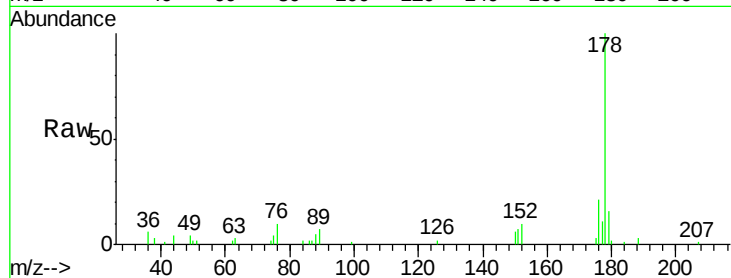
Tot Ion:178 Resp: 19216

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

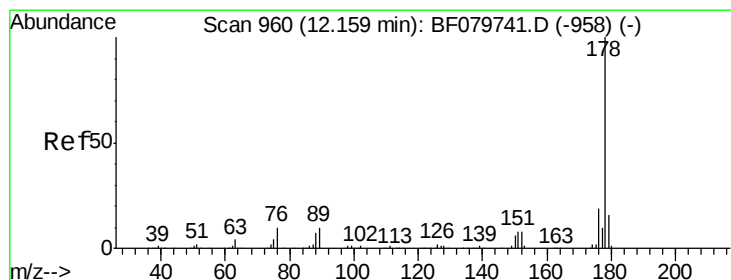
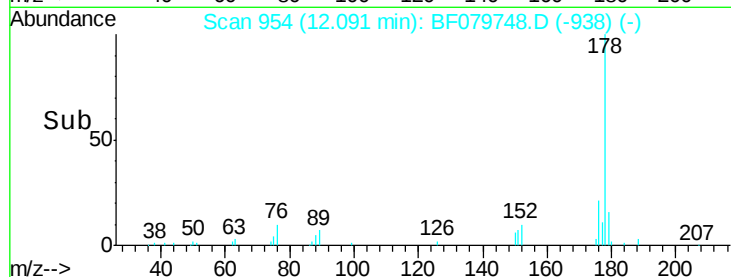
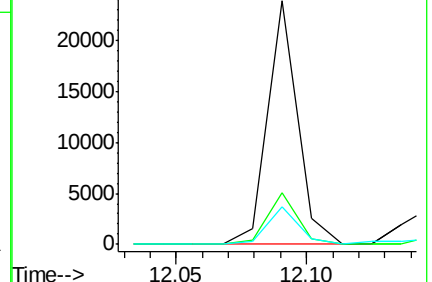
179 15.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.25 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

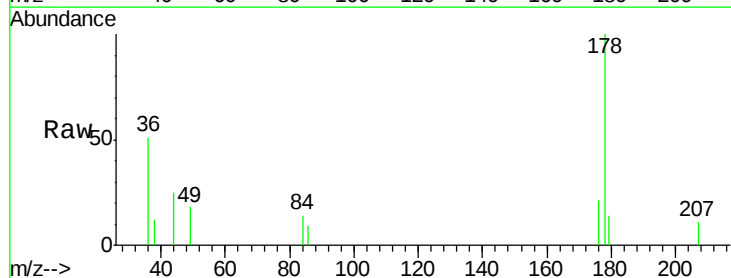
Tgt Ion:178 Resp: 3838

Ion Ratio Lower Upper

178 100

176 20.8 14.8 22.2

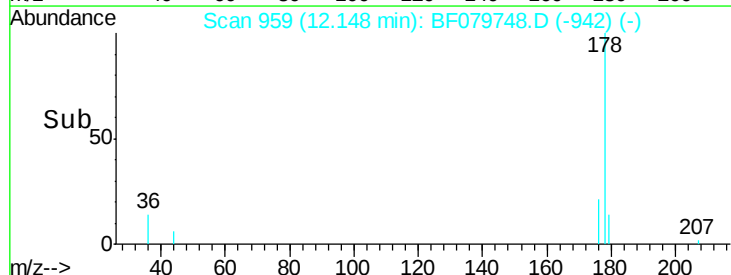
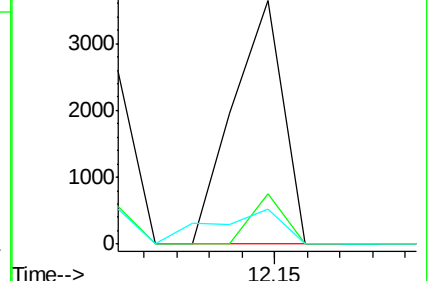
179 14.2 12.2 18.2

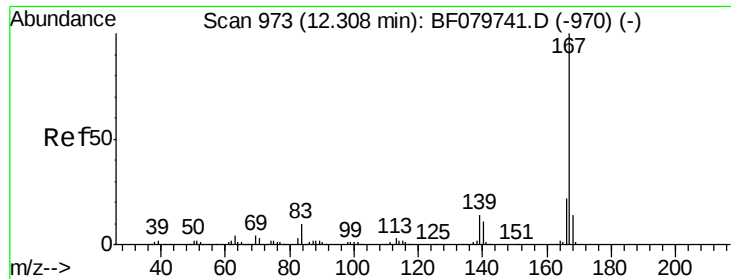


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

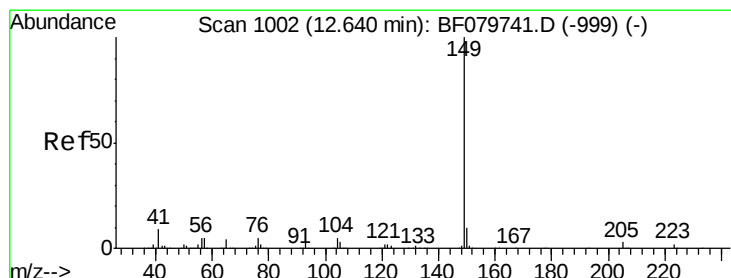
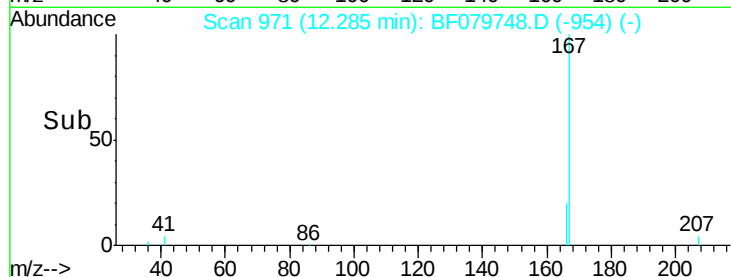
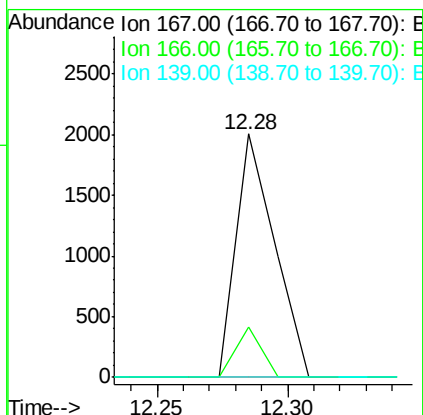
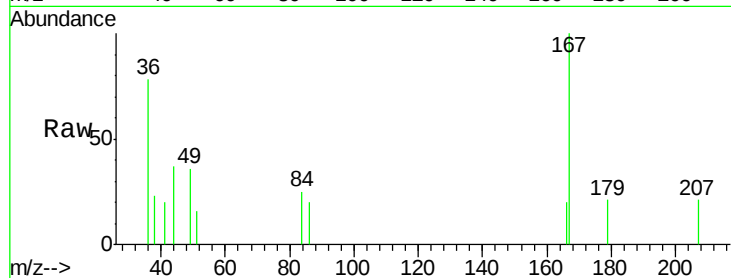




#72
 Carbazole
 Concen: 0.14 ng
 RT: 12.28 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

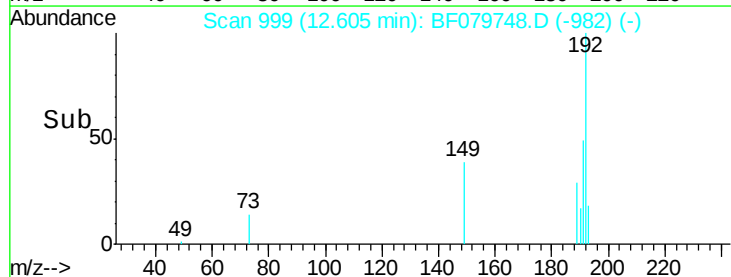
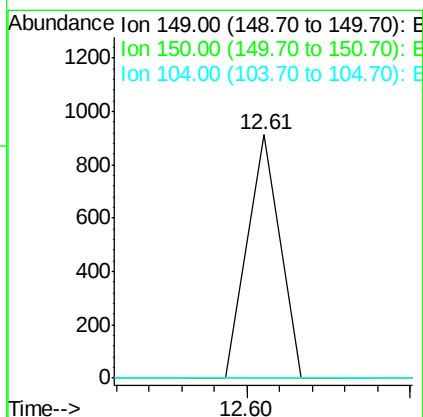
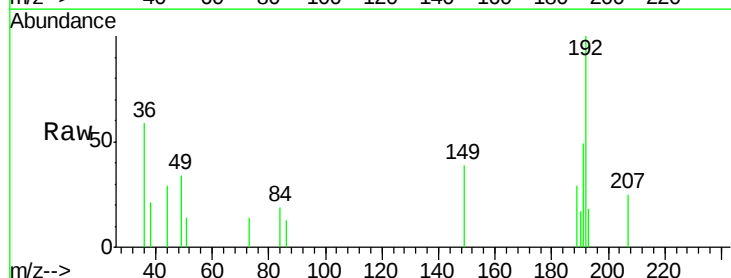
Instrument :
 BNA_F
 ClientSampleId :
 SW-024

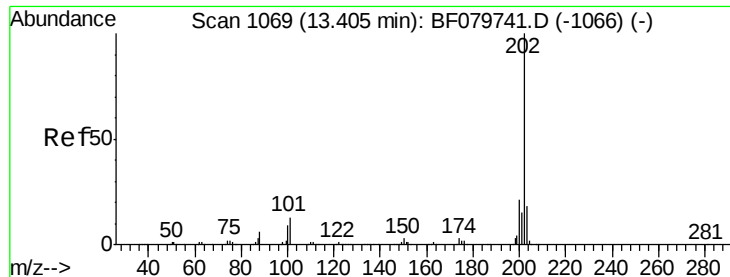
Tot Ion:167 Resp: 2056
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.7 26.5
 139 0.0 9.3 13.9#



#73
 Di-n-butylphthalate
 Concen: 0.04 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Tgt Ion:149 Resp: 626
 Ion Ratio Lower Upper
 149 100
 150 0.0 9.8 14.8#
 104 0.0 12.9 19.3#

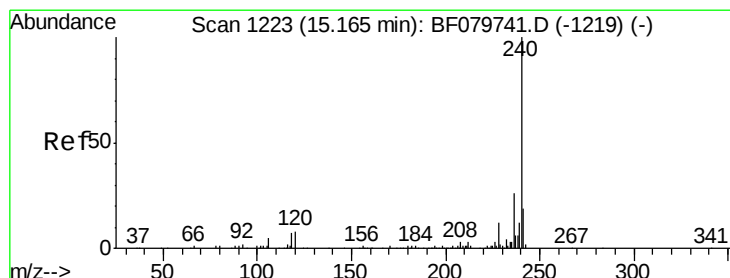
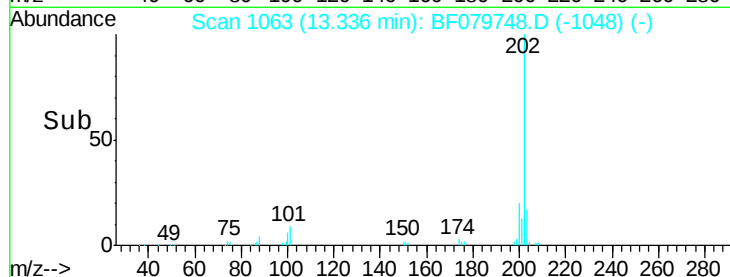
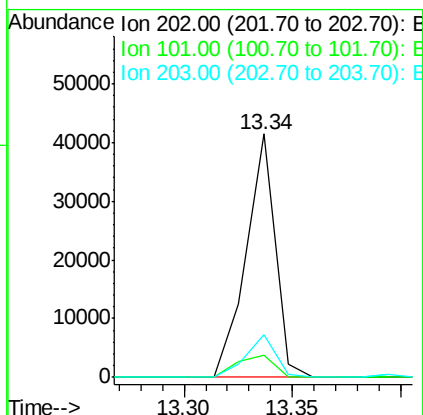
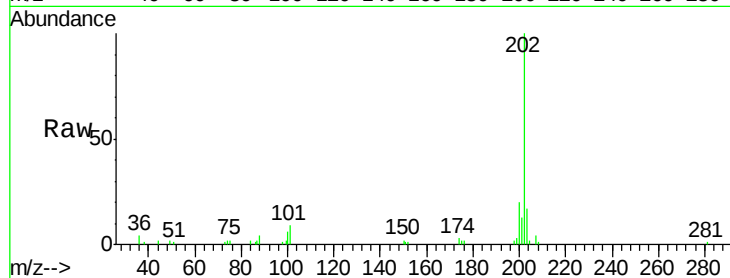




#74
 Fluoranthene
 Concen: 2.26 ng
 RT: 13.34 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

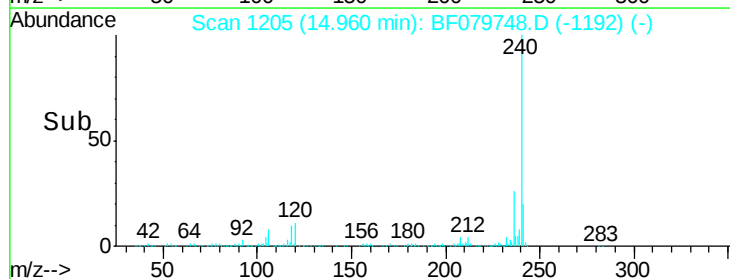
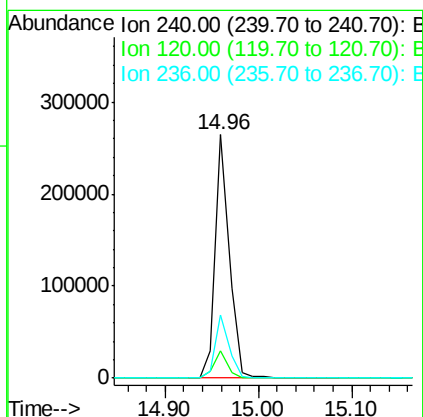
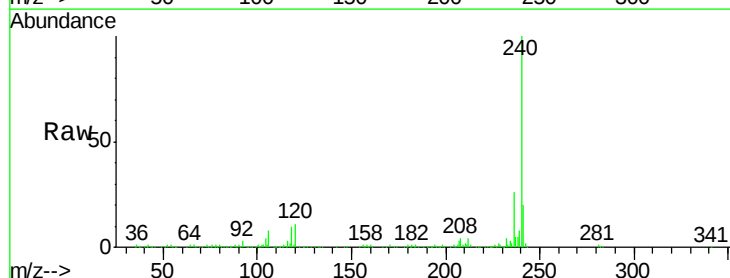
Instrument :
 BNA_F
 ClientSampled :
 SW-024

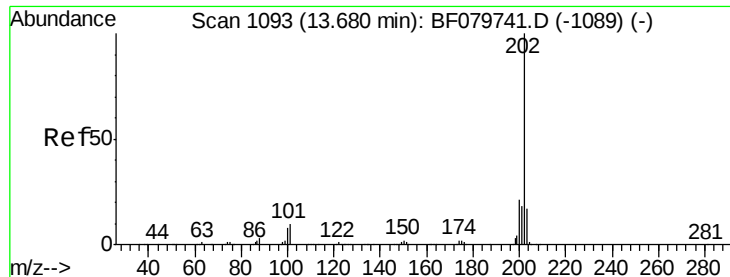
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	31.3
203	17.3	0.0	38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1205
 Delta R.T. -0.06 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.2	9.2#
236	25.9	21.0	31.4





#77

Pvrene

Concen: 2.03 ng

RT: 13.59 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

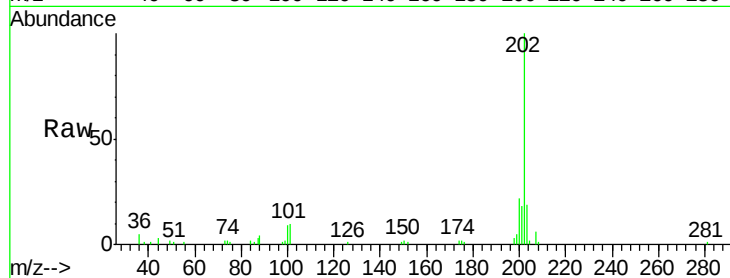
Tot Ion:202 Resp: 34502

Ion Ratio Lower Upper

202 100

200 22.1 17.5 26.3

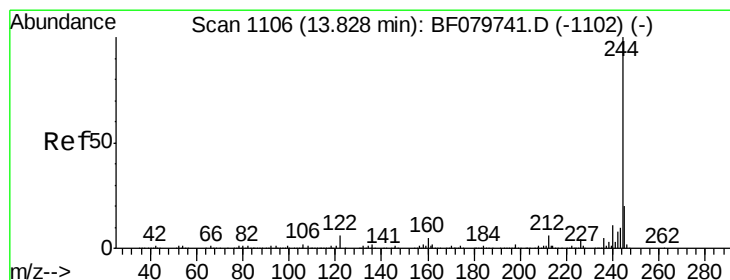
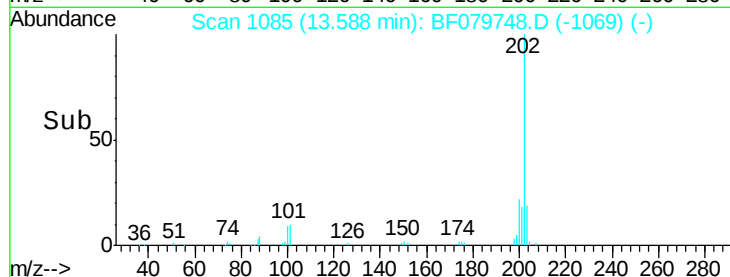
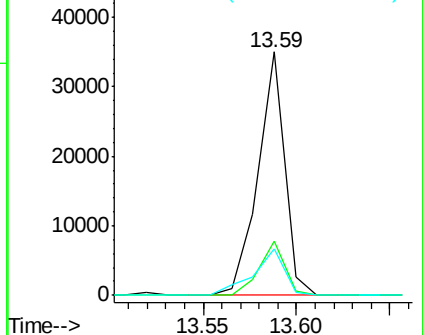
203 18.9 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 3.47 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

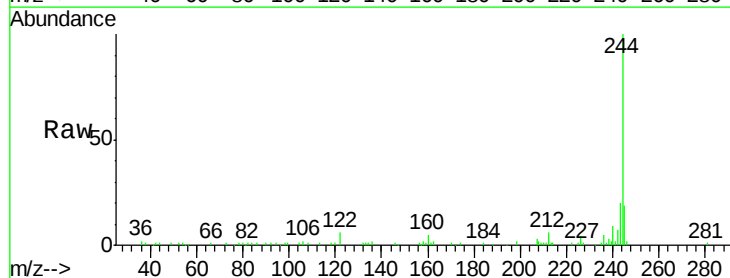
Tgt Ion:244 Resp: 84271

Ion Ratio Lower Upper

244 100

212 5.7 6.1 9.1#

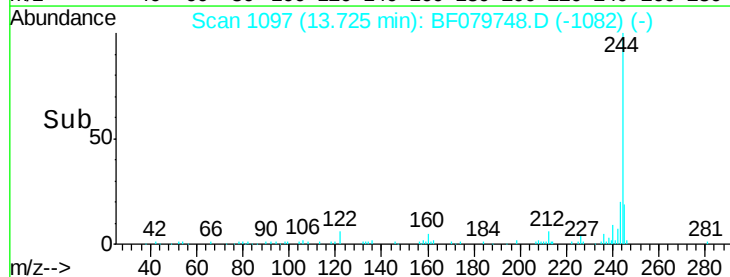
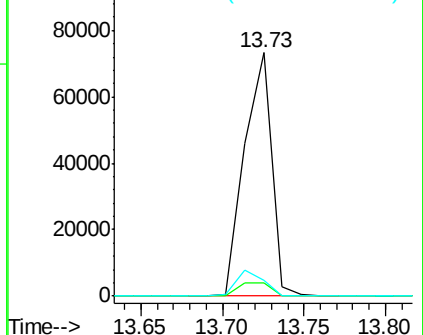
122 6.5 9.3 13.9#

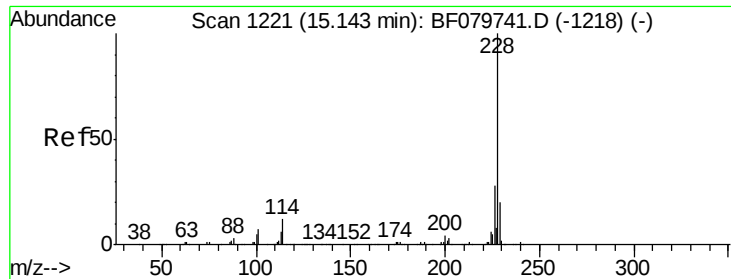


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

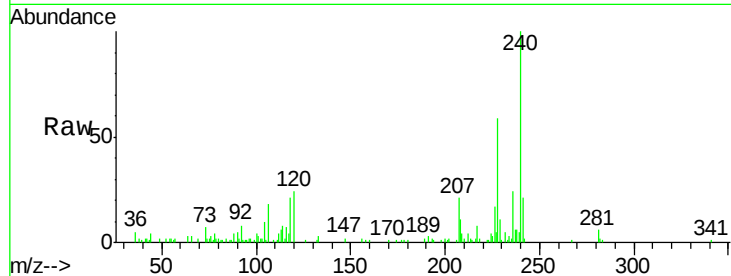




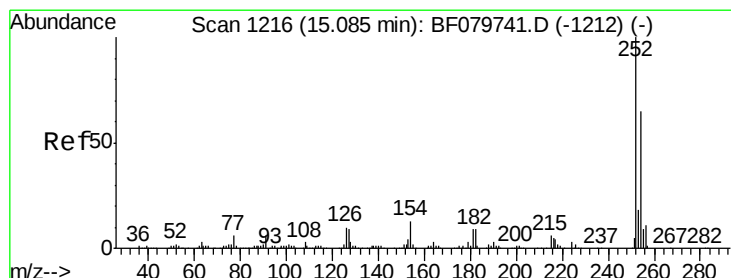
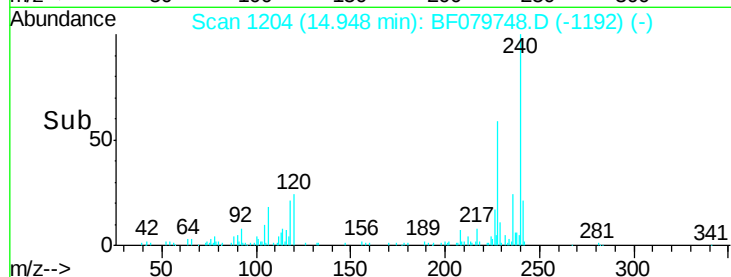
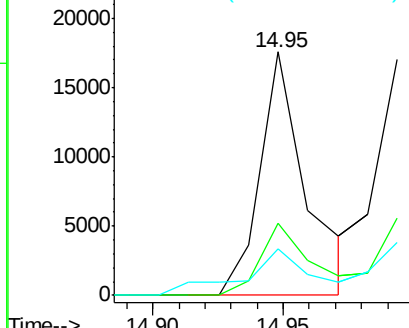
#80
Benzo(a)anthracene
Concen: 1.28 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.06 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Instrument :
BNA_F
ClientSampleId :
SW-024

Tot Ion:228 Resp: 21690
Ion Ratio Lower Upper
228 100
226 29.4 22.2 33.4
229 19.1 16.6 25.0

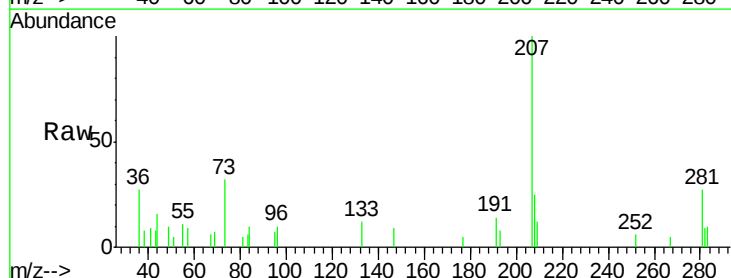


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

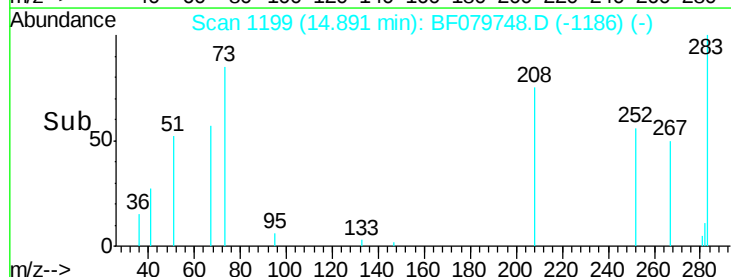
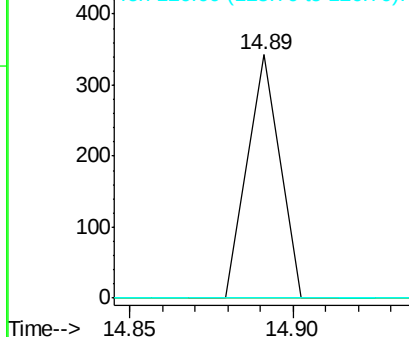


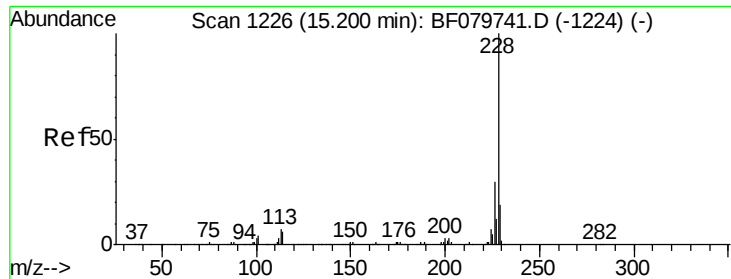
#81
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 14.89 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Tgt Ion:252 Resp: 235
Ion Ratio Lower Upper
252 100
254 0.0 52.0 78.0#
126 0.0 6.9 10.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

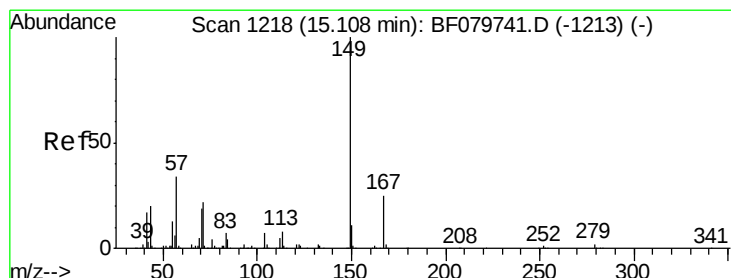
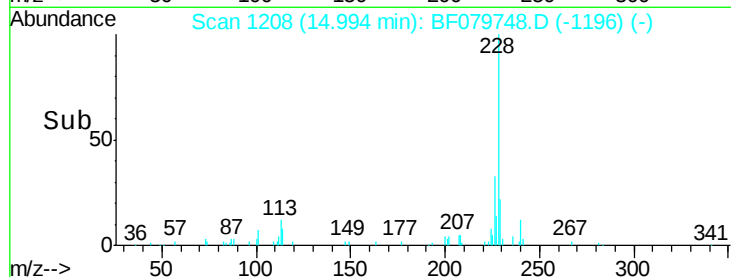
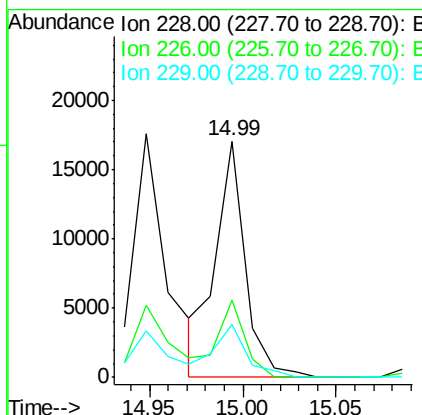
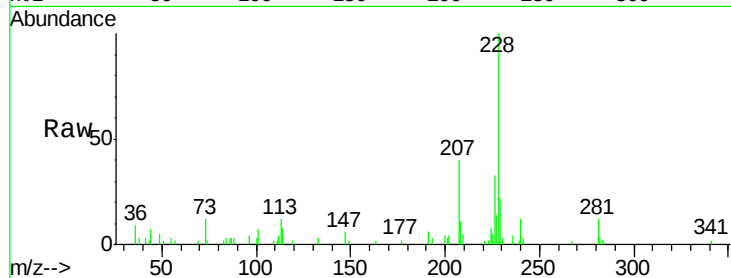




#82
 Chrvsene
 Concen: 1.20 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.06 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

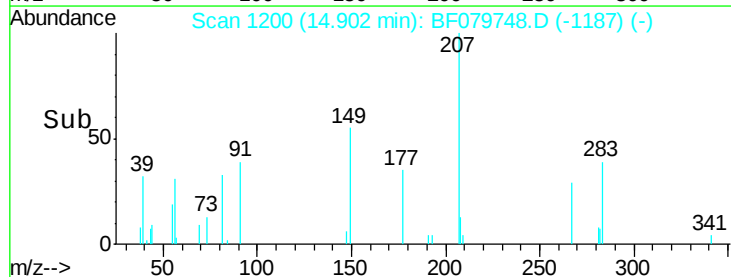
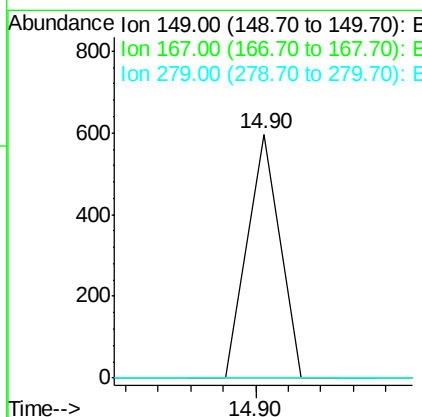
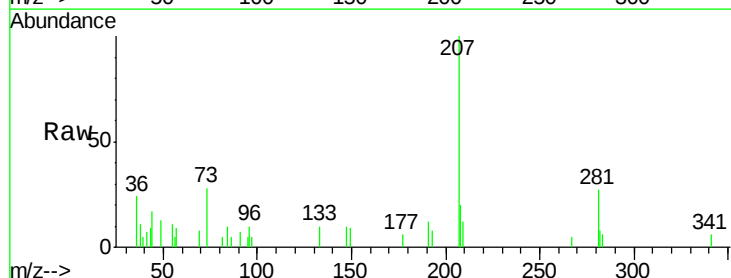
Instrument :
 BNA_F
 ClientSampleId :
 SW-024

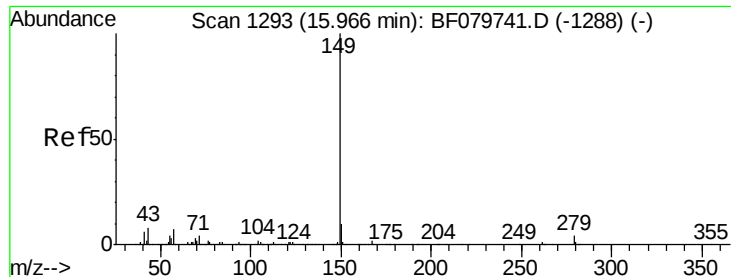
Tot Ion:228 Resp: 18861
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.2 37.8
 229 22.3 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.04 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.06 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Tgt Ion:149 Resp: 409
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.9 31.3#
 279 0.0 2.2 3.2#

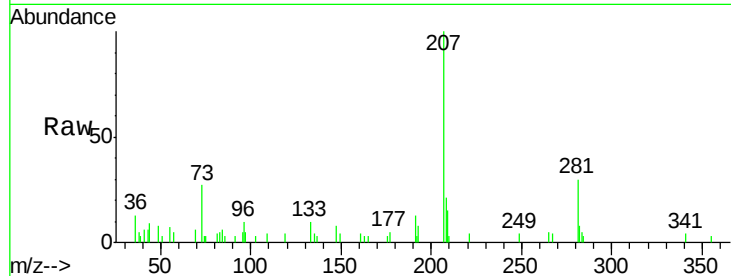




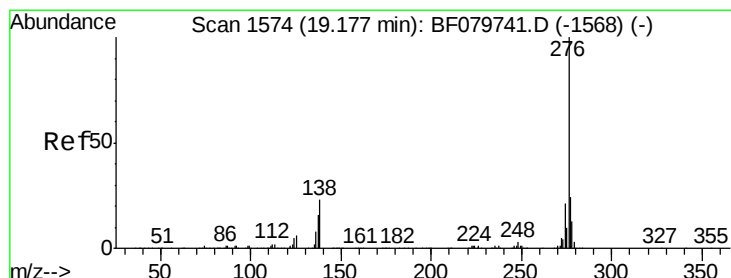
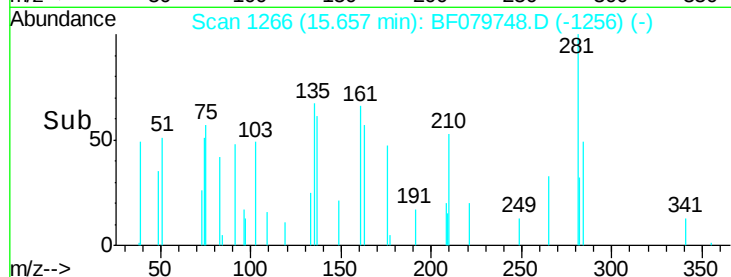
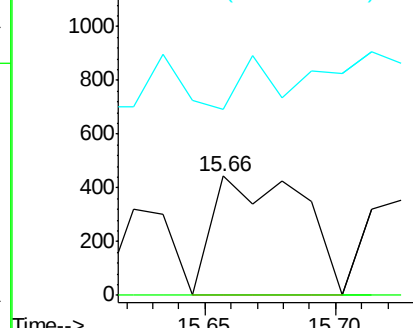
#84
Di-n-octyl phthalate
Concen: 0.06 ng
RT: 15.66 min Scan# 1266
Delta R.T. -0.09 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Instrument :
BNA_F
ClientSampled :
SW-024

Tot Ion:149 Resp: 1069
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 15.6 9.0 13.4#

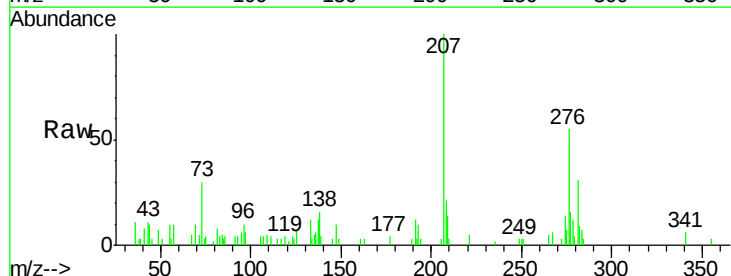


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

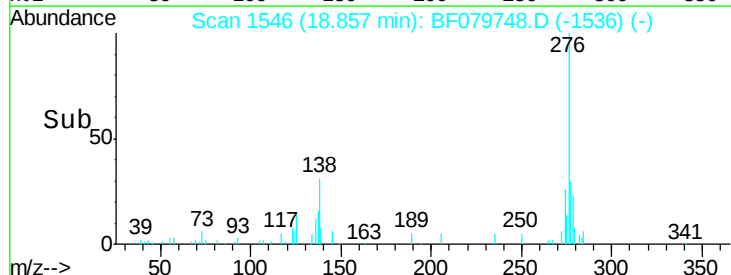
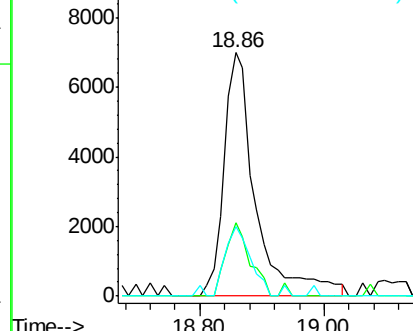


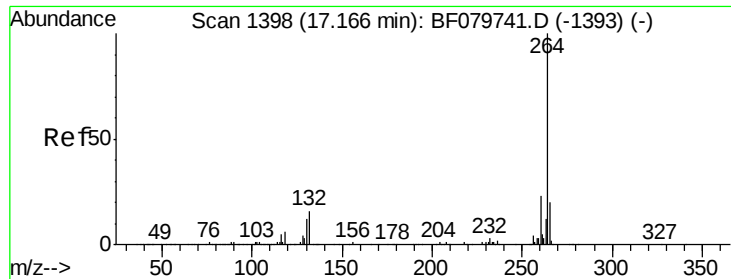
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.35 ng
RT: 18.86 min Scan# 1546
Delta R.T. -0.09 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Tgt Ion:276 Resp: 24527
Ion Ratio Lower Upper
276 100
138 23.0 20.8 31.2
277 23.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



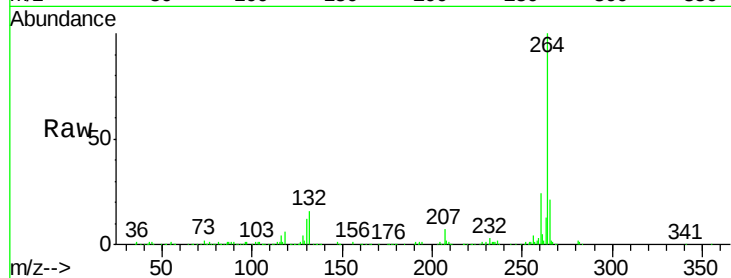


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.88 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

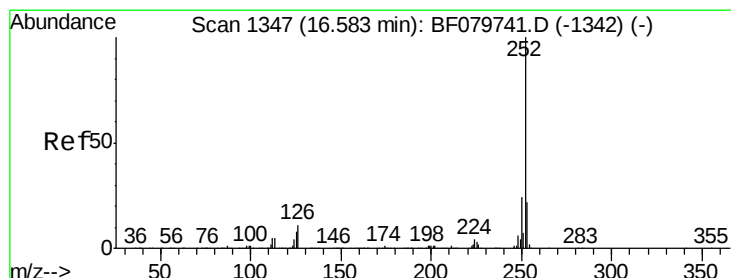
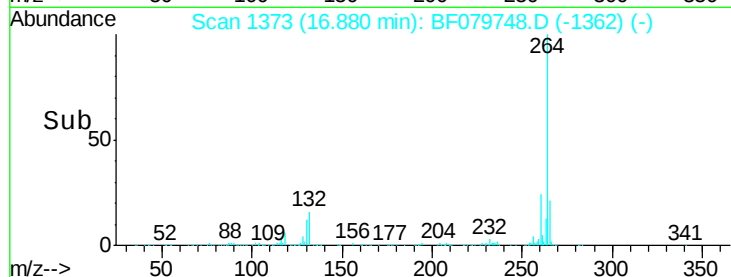
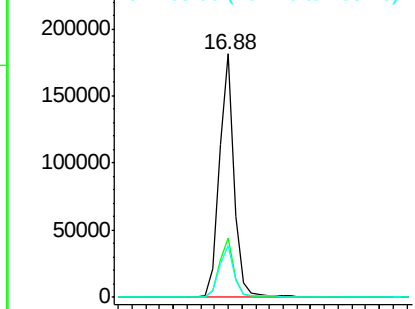
Instrument :
BNA_F
ClientSampleId :
SW-024

Tot Ion:264 Resp: 275204

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.3	18.2	27.4



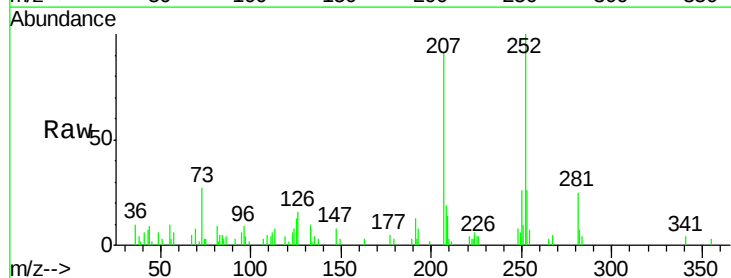
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



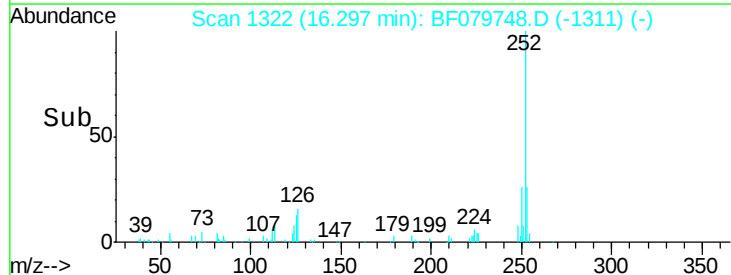
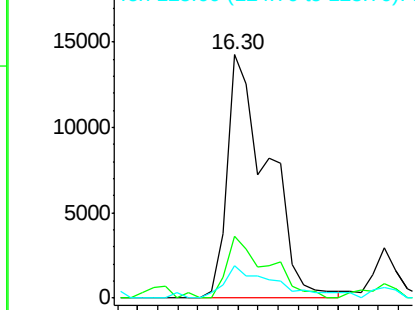
#87
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.08 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

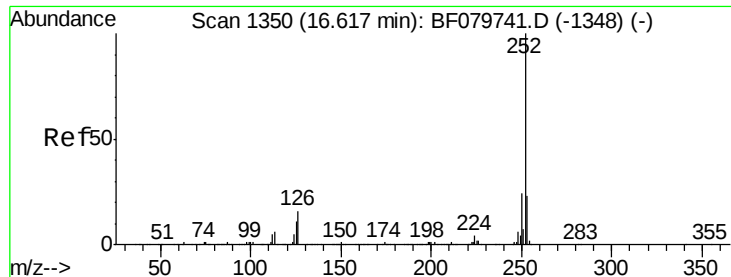
Tgt Ion:252 Resp: 39991

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.2
125	13.4	6.5	9.7#



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

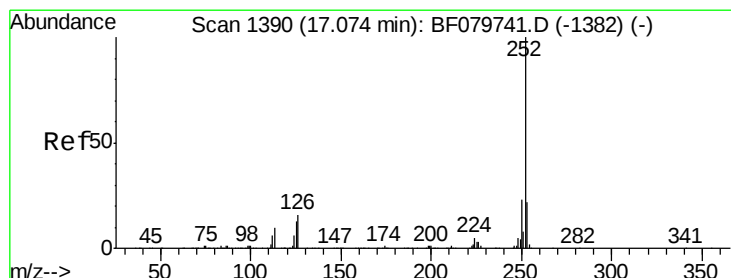
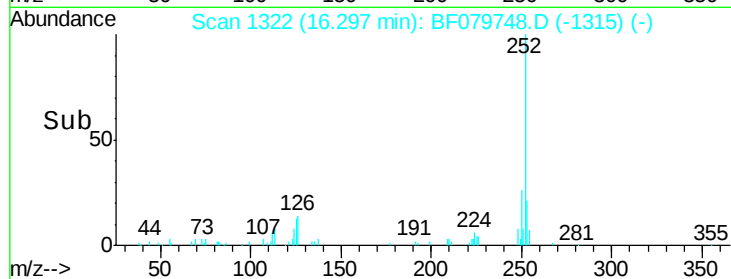
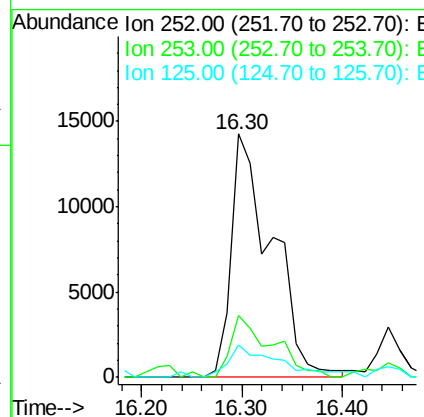
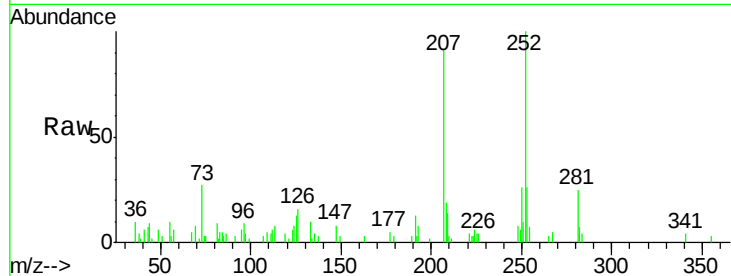




#88
Benzo(k)fluoranthene
Concen: 2.44 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.11 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

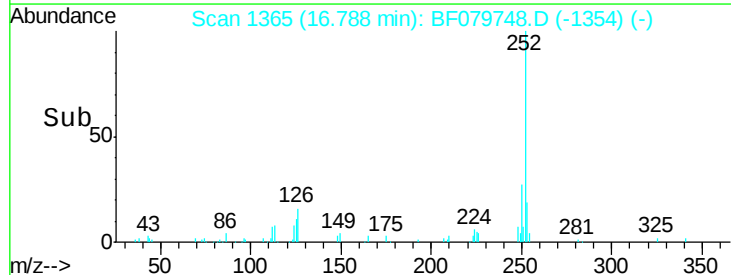
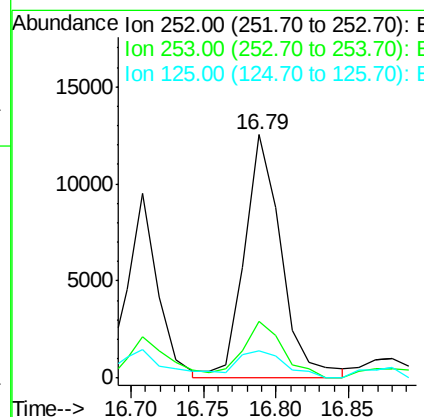
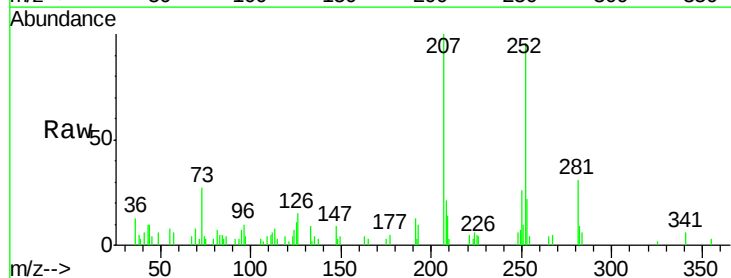
Instrument :
BNA_F
ClientSampleId :
SW-024

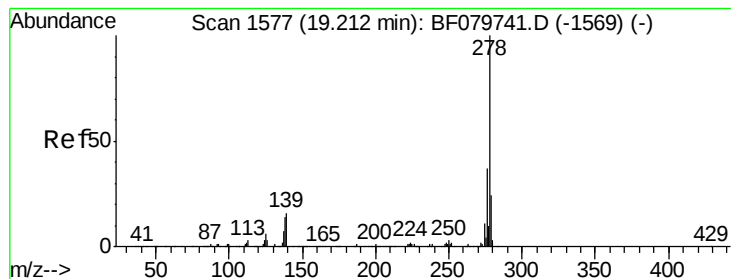
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.8
125	13.4	8.4	12.6



#89
Benzo(a)pyrene
Concen: 1.41 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.08 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	11.3	7.4	11.0





#90

Dibenzo(a,h)anthracene

Concen: 0.85 ng

RT: 18.88 min Scan# 1548

Delta R.T. -0.09 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

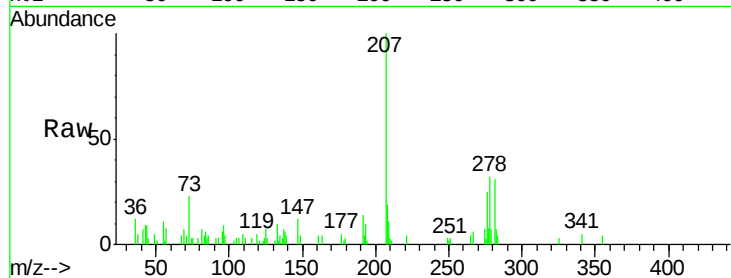
Tot Ion:278 Resp: 12945

Ion Ratio Lower Upper

278 100

139 14.0 12.7 19.1

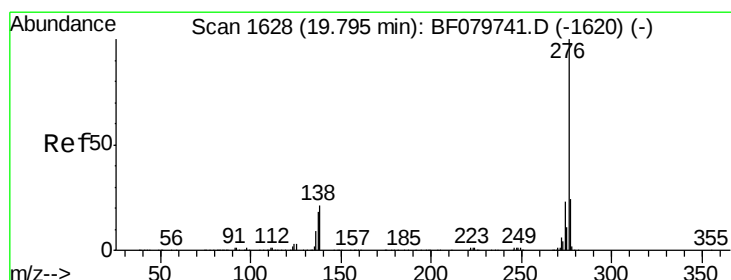
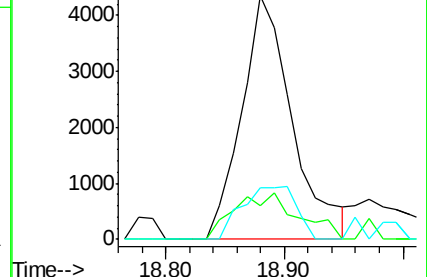
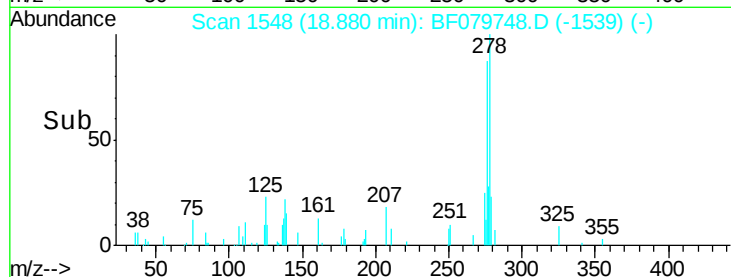
279 21.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 1.28 ng

RT: 19.46 min Scan# 1599

Delta R.T. -0.10 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

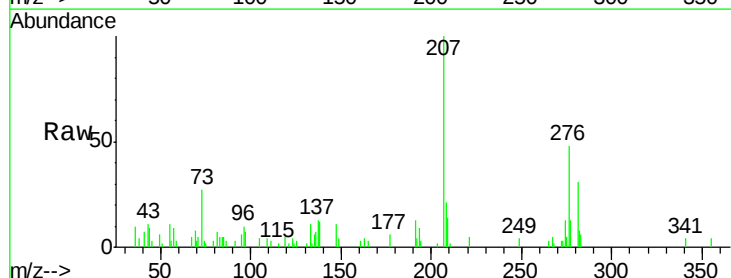
Tgt Ion:276 Resp: 20192

Ion Ratio Lower Upper

276 100

277 27.7 18.8 28.2

138 24.3 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

