

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
 Data File : BF078499.D
 Acq On : 14 Apr 2015 11:48
 Operator : TP/IZ
 Sample : G1850-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-0D

Quant Time: Apr 14 12:10:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 11:28:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36978	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	148374	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	74291	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	144991	20.00	ng	0.00
75) Chrysene-d12	15.66	240	144926	20.00	ng	0.01
86) Perylene-d12	17.44	264	149183	20.00	ng	0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	322038	143.59	ng	0.01
7) Phenol-d6	6.43	99	386635	137.56	ng	0.00
23) Nitrobenzene-d5	7.53	82	215458	88.02	ng	0.00
41) 2,4,6-Tribromophenol	11.54	330	99591	161.64	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	422395	81.27	ng	0.00
78) Terphenyl-d14	14.38	244	453689	70.74	ng	0.00

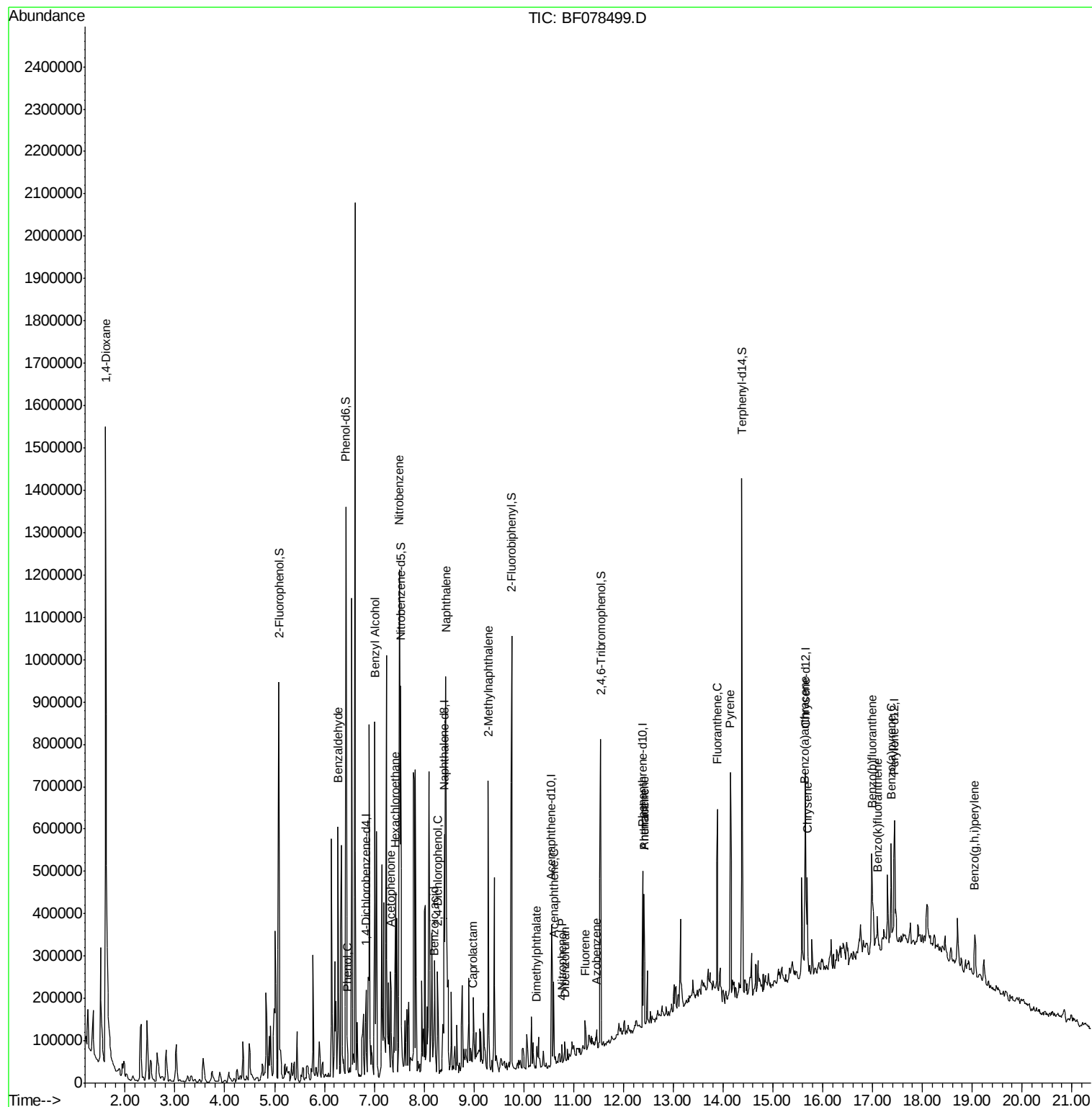
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.61	88	63874	62.98	ng	# 23
9) Benzaldehyde	6.27	77	30891	16.58	ng	# 1
10) Phenol	6.46	94	11108	3.30	ng	85
15) Benzyl Alcohol	7.02	79	6164	3.12	ng	# 55
18) Hexachloroethane	7.43	117	25056	25.34	ng	# 1
22) Acetophenone	7.32	105	141674	40.98	ng	# 62
24) Nitrobenzene	7.51	77	50857	19.87	ng	# 13
29) 2,4-Dichlorophenol	8.27	162	6395	3.10	ng	# 25
31) Naphthalene	8.43	128	424126	54.92	ng	99
32) Benzoic acid	8.20	122	246	6.00	ng	# 1
35) Caprolactam	8.98	113	1239	2.01	ng	# 1
37) 2-Methylnaphthalene	9.29	142	185061	35.30	ng	97
49) Dimethylphthalate	10.26	163	28060	5.03	ng	# 95
51) Acenaphthene	10.60	154	47810	11.00	ng	100
54) Dibenzofuran	10.82	168	16978	2.56	ng	# 94
55) 4-Nitrophenol	10.76	139	1009	3.78	ng	# 1
57) Fluorene	11.23	166	27328	5.08	ng	# 97
62) Azobenzene	11.46	77	10702	2.18	ng	# 1
70) Phenanthrene	12.41	178	144996	17.29	ng	99
71) Anthracene	12.41	178	138351	16.74	ng	98
74) Fluoranthene	13.89	202	236818	26.77	ng	92
77) Pyrene	14.15	202	264353	29.06	ng	# 92
80) Benzo(a)anthracene	15.65	228	142640	16.54	ng	93
82) Chrysene	15.69	228	102748	12.68	ng	97
87) Benzo(b)fluoranthene	16.98	252	198577	21.54	ng	# 92
88) Benzo(k)fluoranthene	17.10	252	26453	3.23	ng	# 58
89) Benzo(a)pyrene	17.37	252	131260	16.31	ng	# 92
91) Benzo(g,h,i)perylene	19.05	276	59266	7.34	ng	96

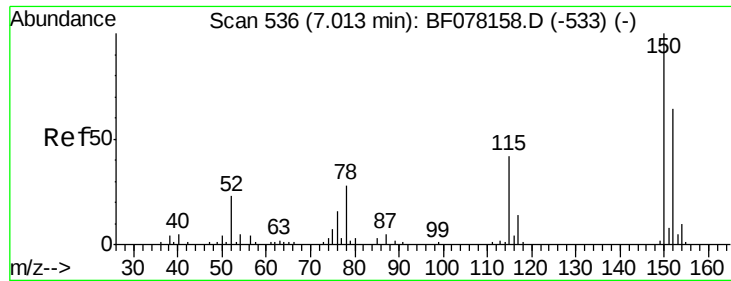
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

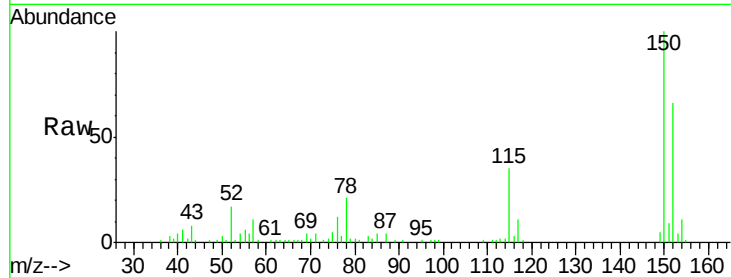
Tgt Ion:152 Resp: 36978

Ion Ratio Lower Upper

152 100

150 151.1 125.9 188.9

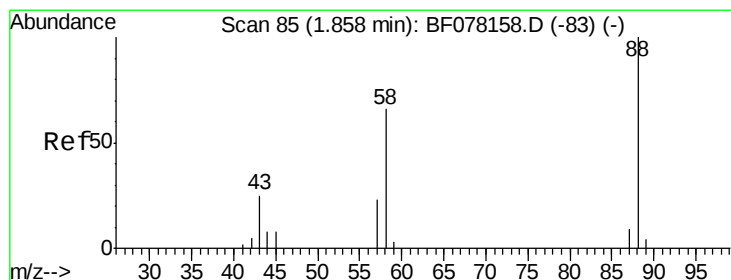
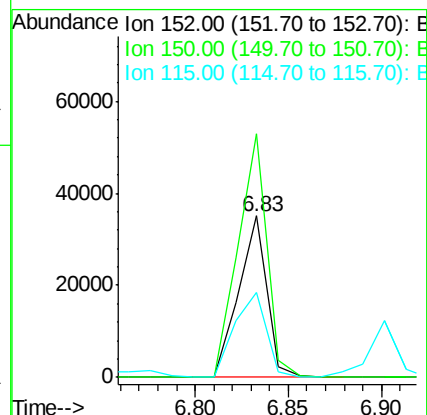
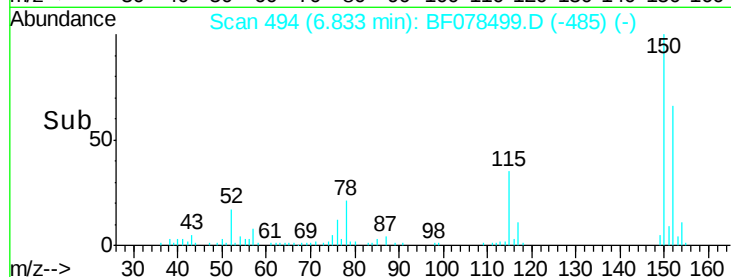
115 52.9 52.7 79.1



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



#2

1,4-Dioxane

Concen: 62.98 ng

RT: 1.61 min Scan# 37

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

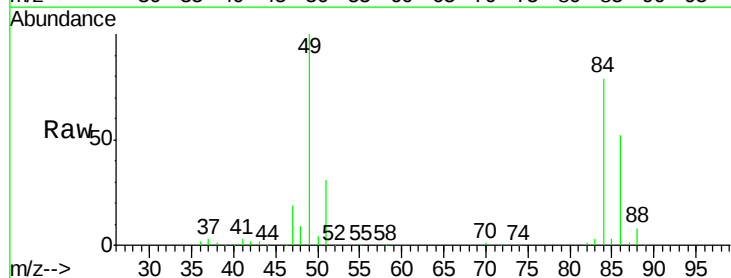
Tgt Ion: 88 Resp: 63874

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

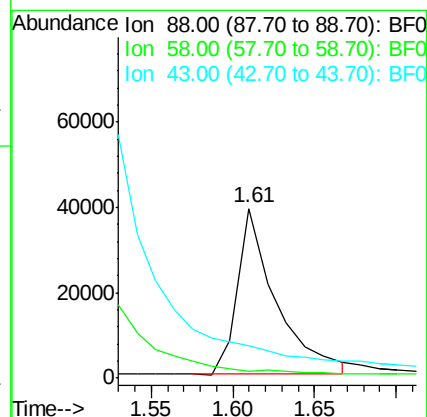
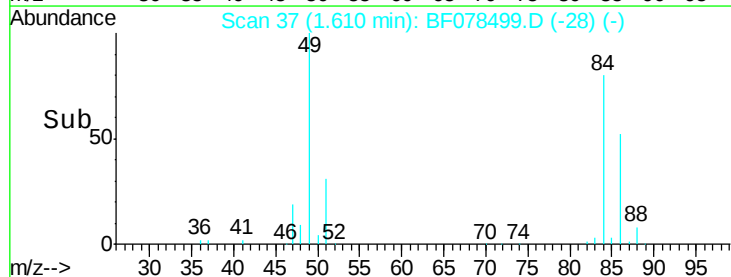
43 0.0 21.4 32.2#

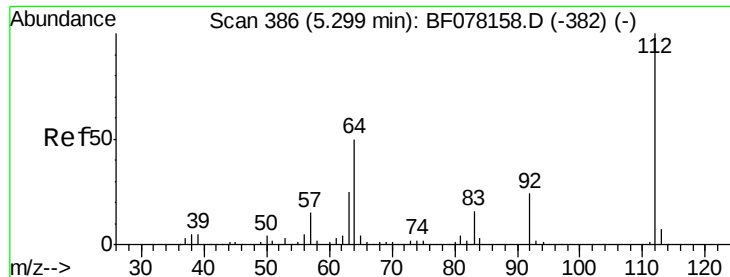


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 143.59 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

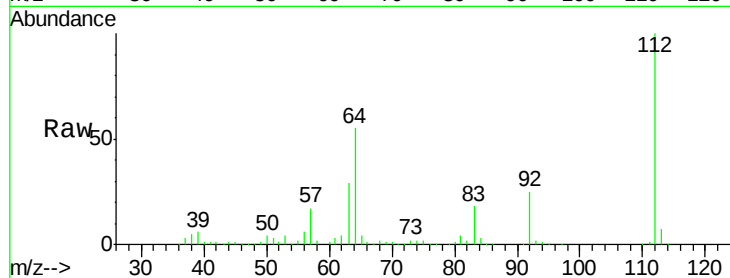
Tgt Ion: 112 Resp: 322038

Ion Ratio Lower Upper

112 100

64 55.0 39.9 59.9

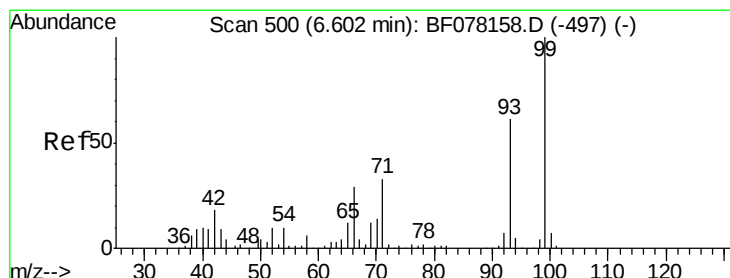
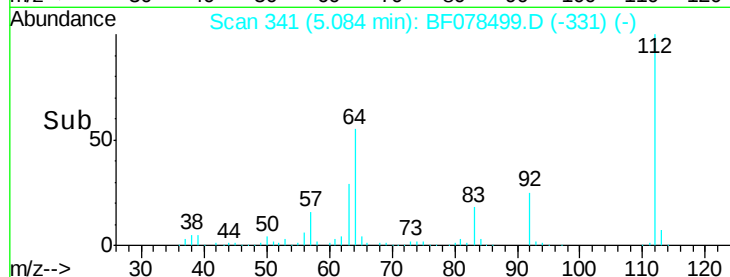
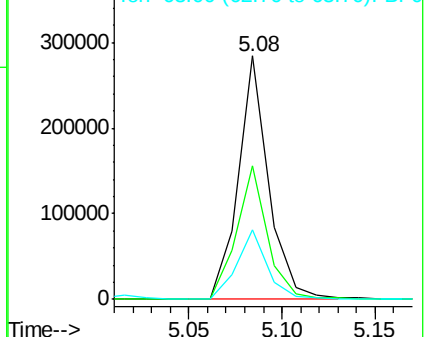
63 28.6 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 137.56 ng

RT: 6.43 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

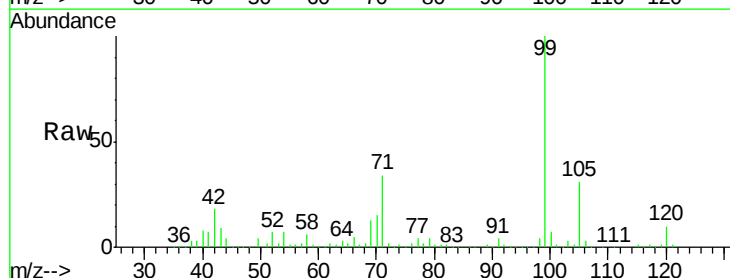
Tgt Ion: 99 Resp: 386635

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

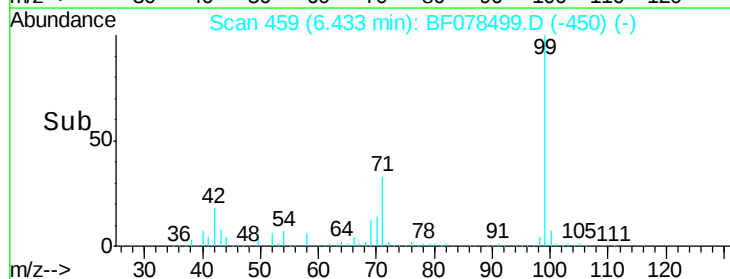
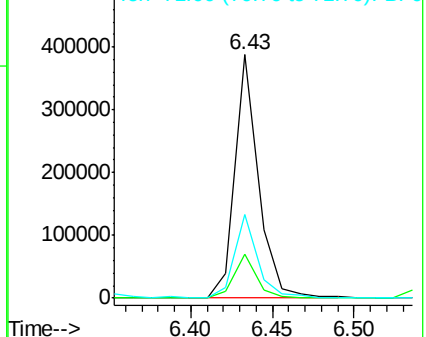
71 34.1 26.6 39.8

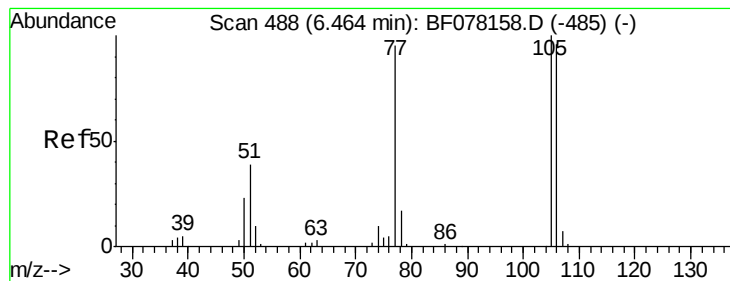


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 16.58 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampled :

SB-0D

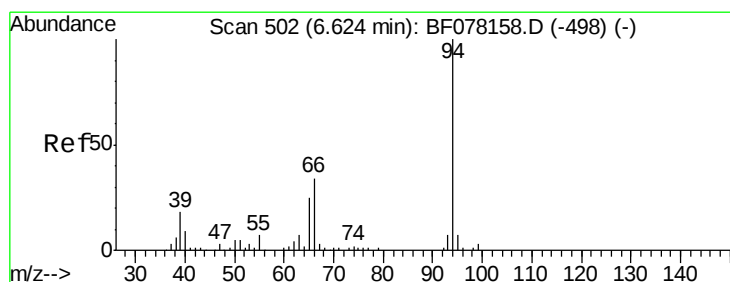
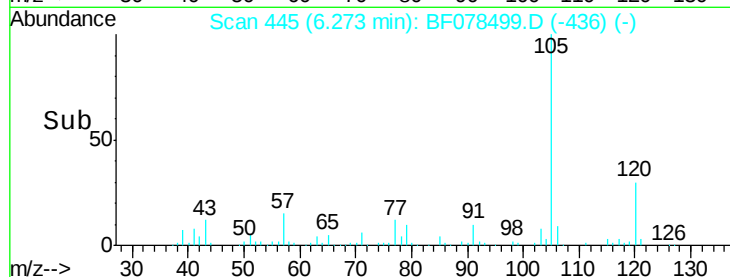
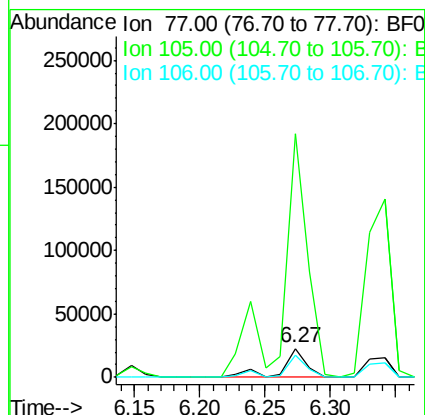
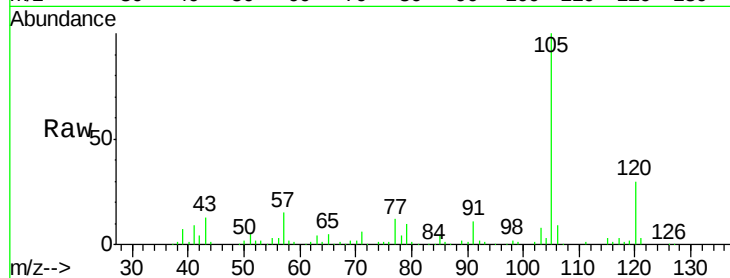
Tgt Ion: 77 Resp: 30891

Ion Ratio Lower Upper

77 100

105 850.5 85.4 125.4#

106 77.9 80.8 120.8#



#10

Phenol

Concen: 3.30 ng

RT: 6.46 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

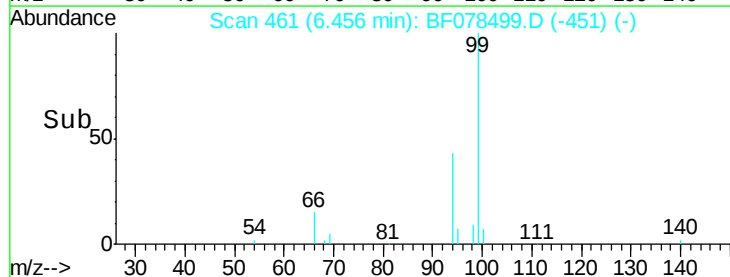
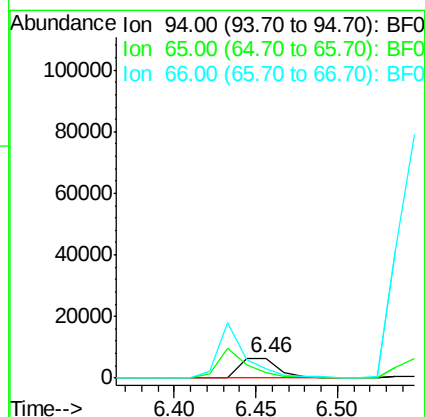
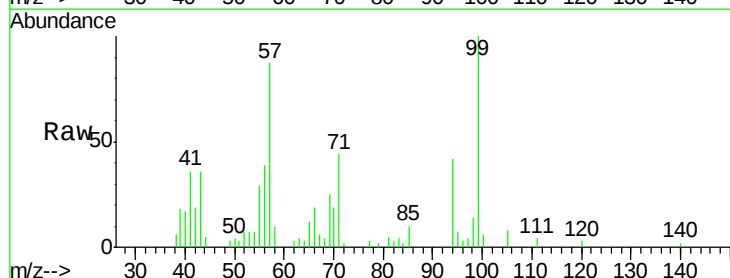
Tgt Ion: 94 Resp: 11108

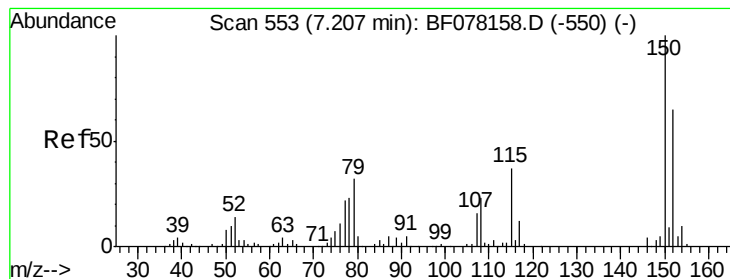
Ion Ratio Lower Upper

94 100

65 30.0 4.9 44.9

66 44.6 13.8 53.8





#15

Benzyl Alcohol

Concen: 3.12 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

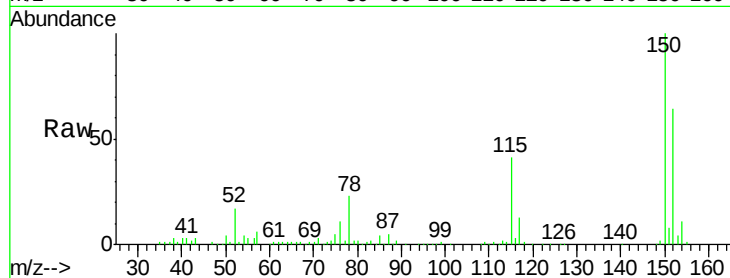
Tgt Ion: 79 Resp: 6164

Ion Ratio Lower Upper

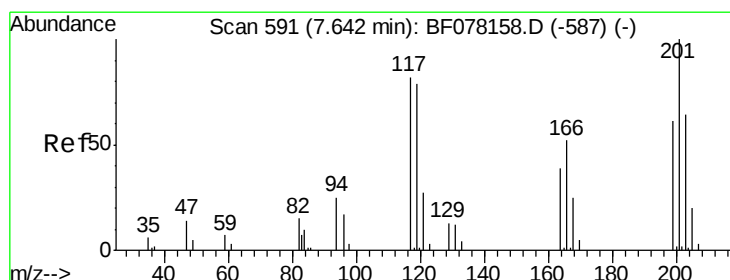
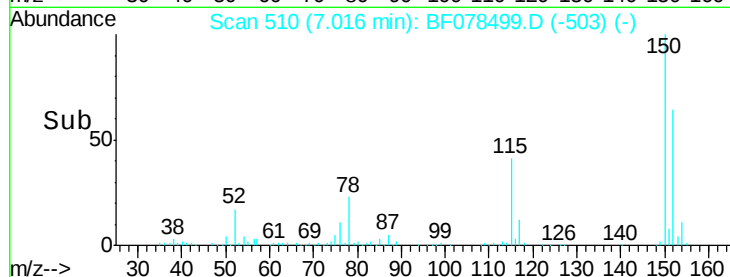
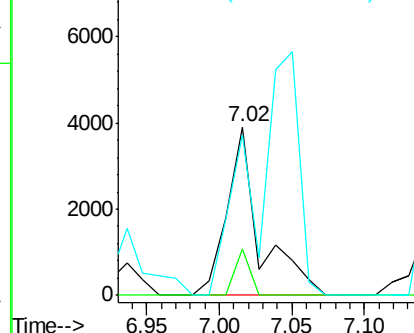
79 100

108 27.6 57.6 86.4#

77 95.2 53.5 80.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 25.34 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

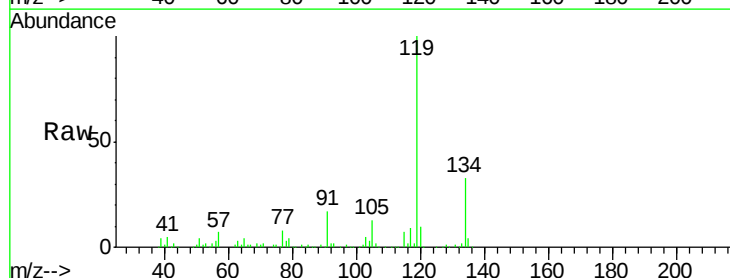
Tgt Ion: 117 Resp: 25056

Ion Ratio Lower Upper

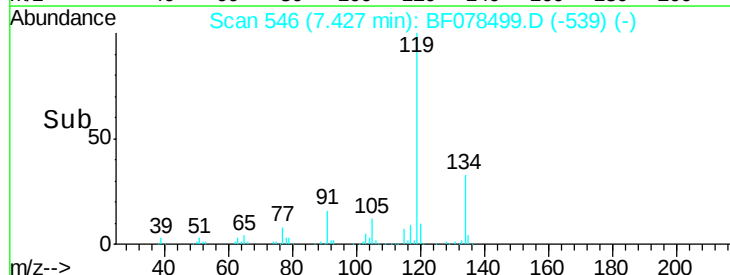
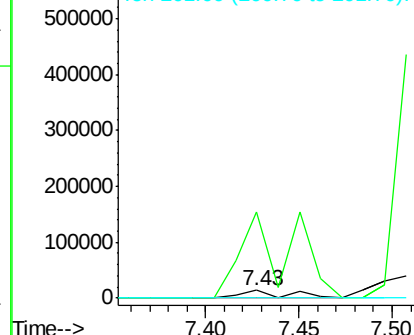
117 100

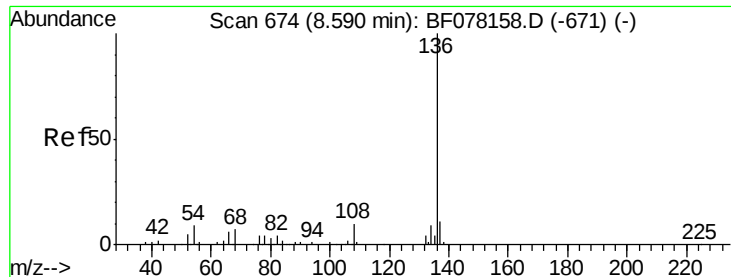
119 1150.1 77.0 115.6#

201 0.0 98.1 147.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

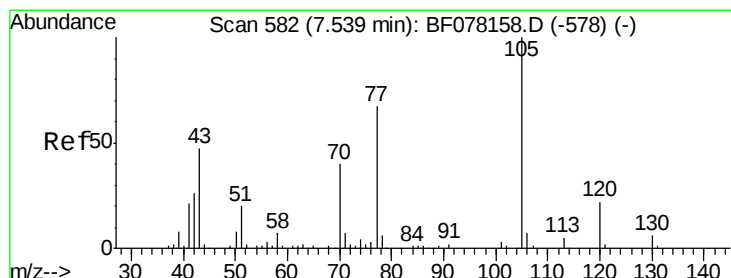
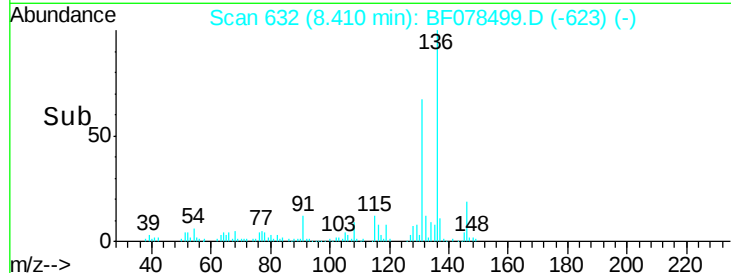
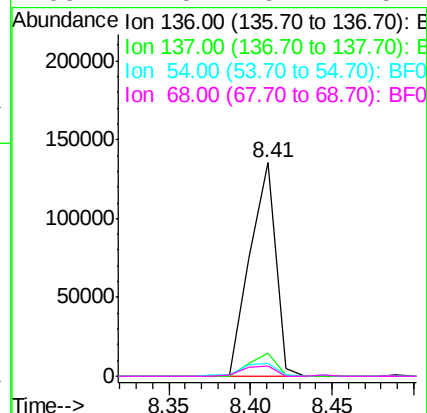
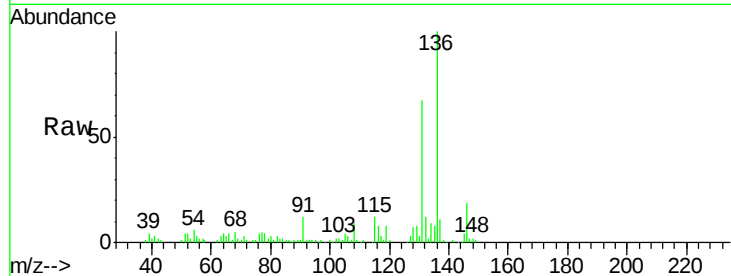
Instrument :

BNA_F

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Tgt Ion:	136	Resp:	148374
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	6.1	7.0	10.6#
68	4.8	5.4	8.2#



#22

Acetophenone

Concen: 40.98 ng

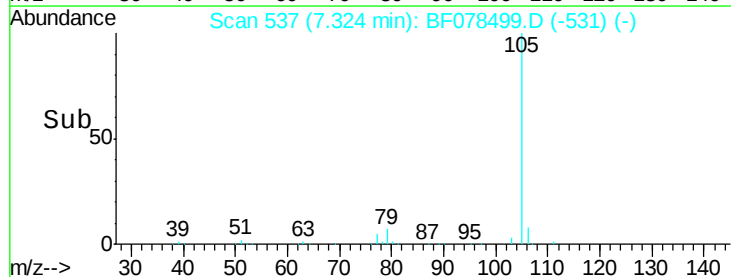
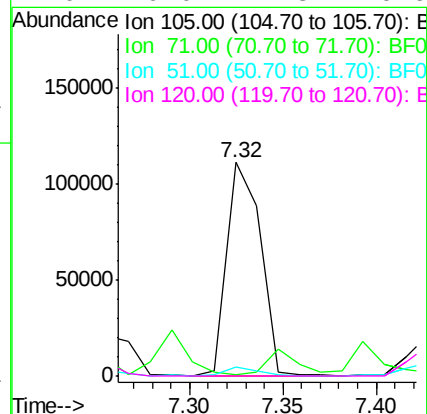
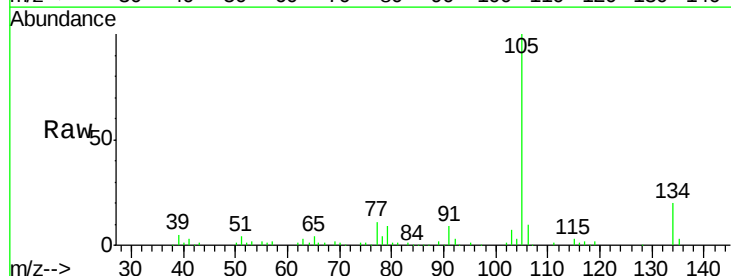
RT: 7.32 min Scan# 537

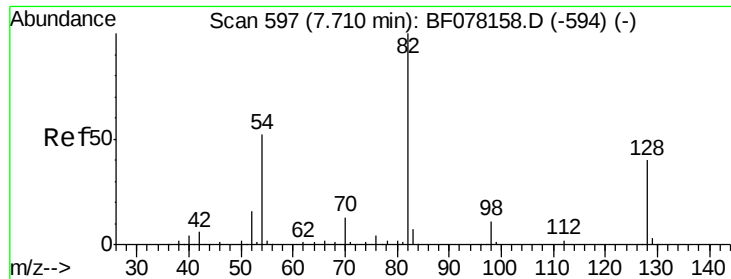
Delta R.T. -0.03 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Tgt Ion:	105	Resp:	141674
Ion Ratio	Lower	Upper	
105	100		
71	0.4	5.5	8.3#
51	4.1	16.0	24.0#
120	0.0	17.8	26.6#

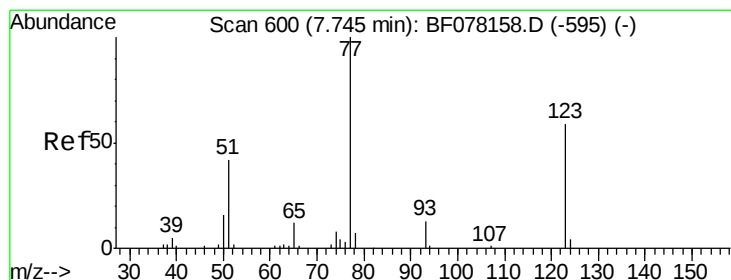
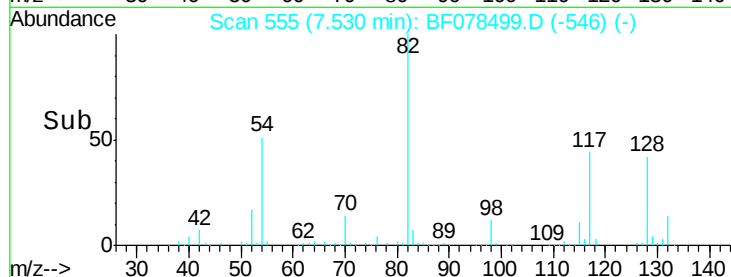
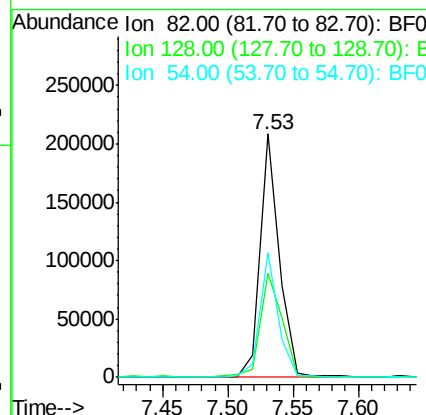
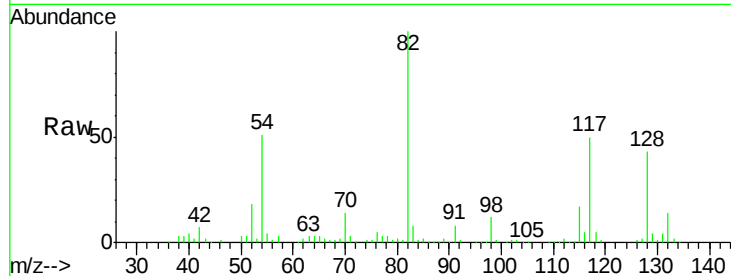




#23
 Nitrobenzene-d5
 Concen: 88.02 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF078499.D
 Acq: 14 Apr 2015 11:48

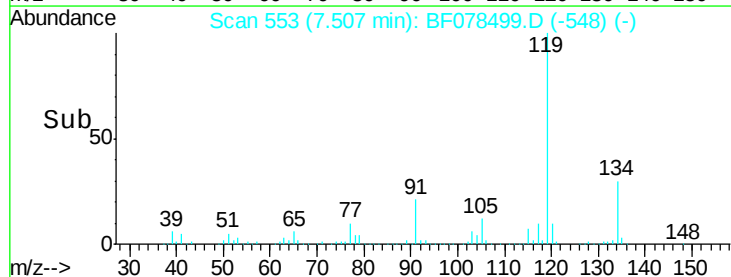
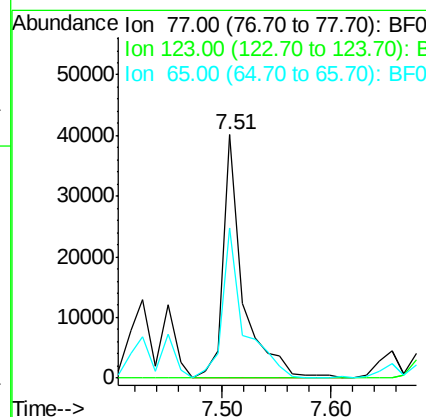
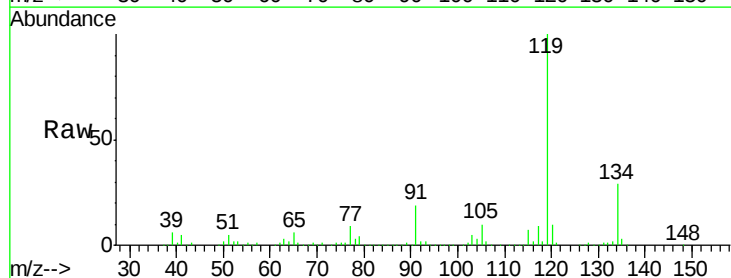
Instrument :
 BNA_F
 ClientSampleId :
 SB-0D

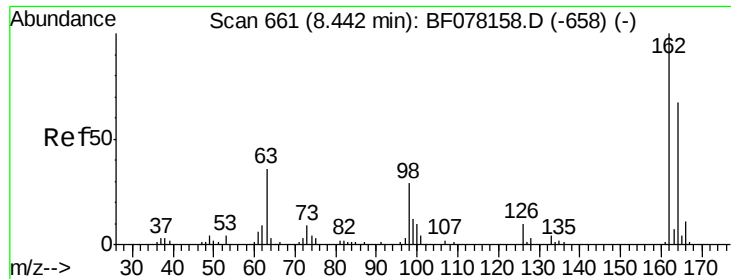
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.8	47.8
54	51.2	41.5	62.3



#24
 Nitrobenzene
 Concen: 19.87 ng
 RT: 7.51 min Scan# 553
 Delta R.T. -0.05 min
 Lab File: BF078499.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	46.9	70.3#
65	61.6	9.5	14.3#

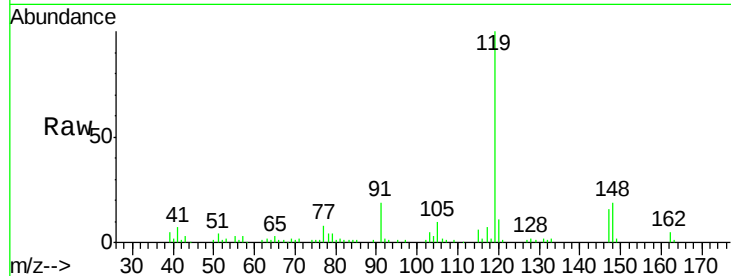




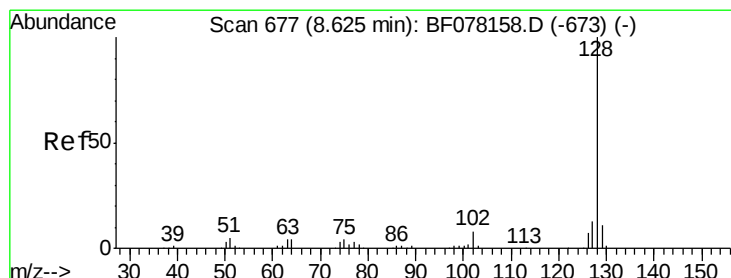
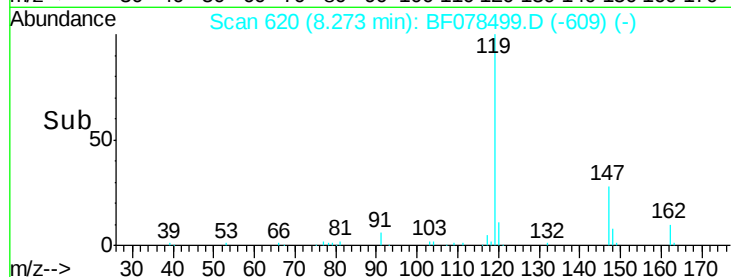
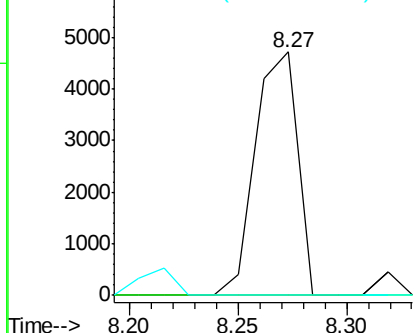
#29
2,4-Dichlorophenol
Concen: 3.10 ng
RT: 8.27 min Scan# 620
Delta R.T. 0.02 min
Lab File: BF078499.D
Acq: 14 Apr 2015 11:48

Instrument :
BNA_F
ClientSampleId :
SB-0D

Tgt Ion:162 Resp: 6395
Ion Ratio Lower Upper
162 100
164 0.0 47.0 87.0#
98 0.0 9.2 49.2#

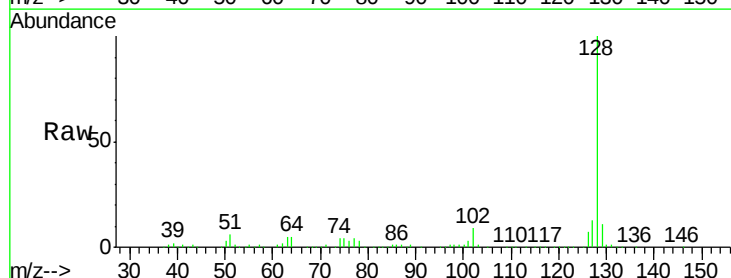


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

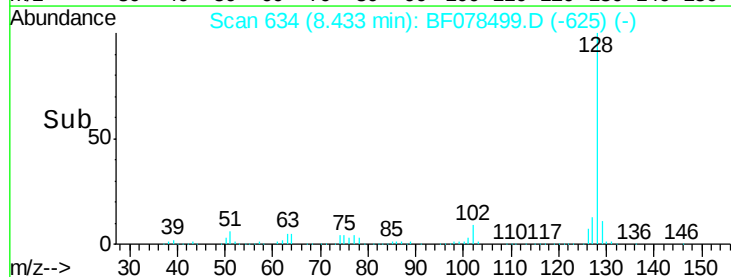
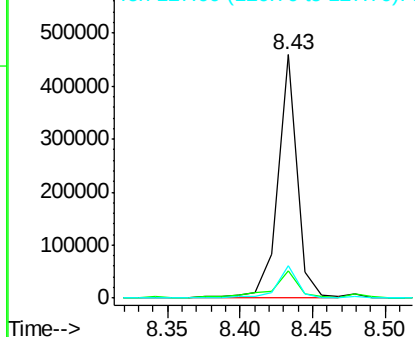


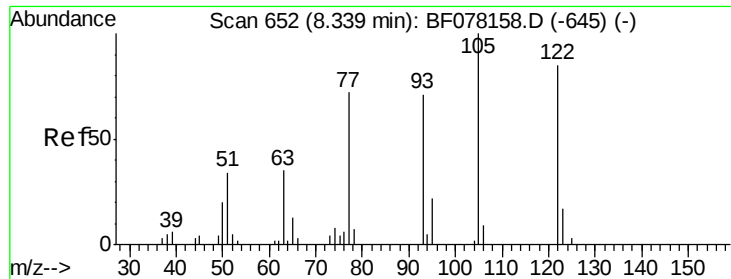
#31
Naphthalene
Concen: 54.92 ng
RT: 8.43 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF078499.D
Acq: 14 Apr 2015 11:48

Tgt Ion:128 Resp: 424126
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 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





#32

Benzoic acid

Concen: 6.00 ng

RT: 8.20 min Scan# 614

Delta R.T. 0.02 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

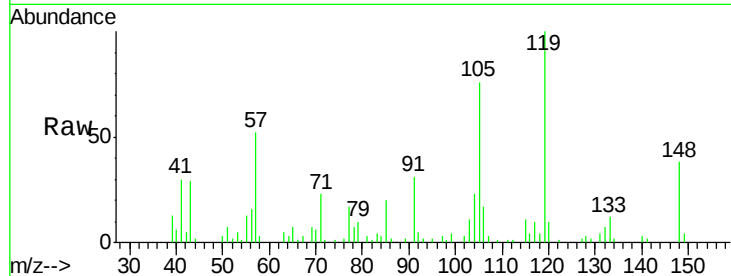
Tgt Ion:122 Resp: 246

Ion Ratio Lower Upper

122 100

105 5776.0 96.1 136.1#

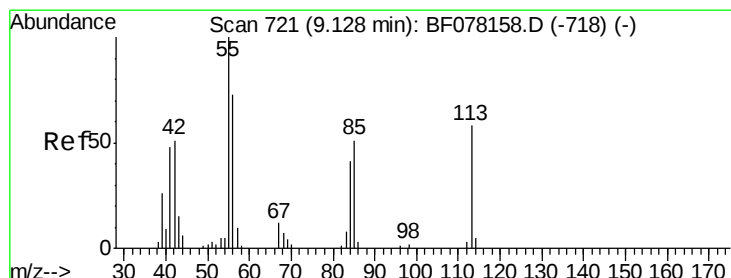
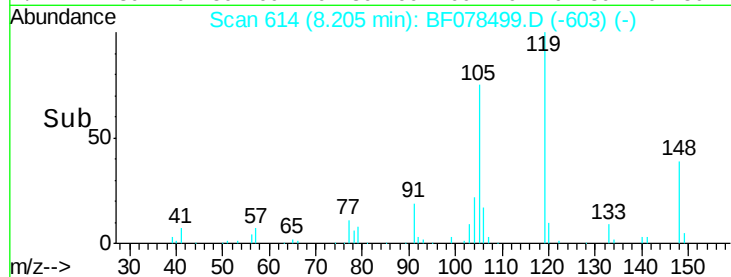
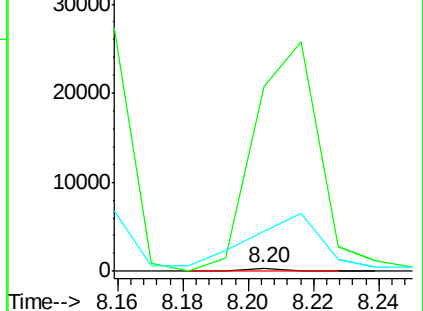
77 1258.2 64.1 104.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#35

Caprolactam

Concen: 2.01 ng

RT: 8.98 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

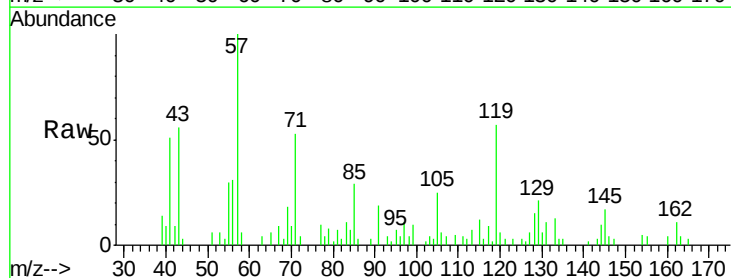
Tgt Ion:113 Resp: 1239

Ion Ratio Lower Upper

113 100

55 429.1 151.9 191.9#

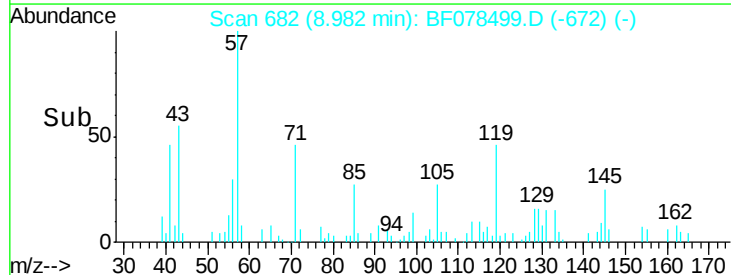
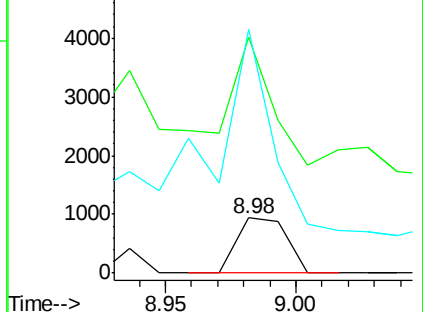
56 443.8 106.1 146.1#

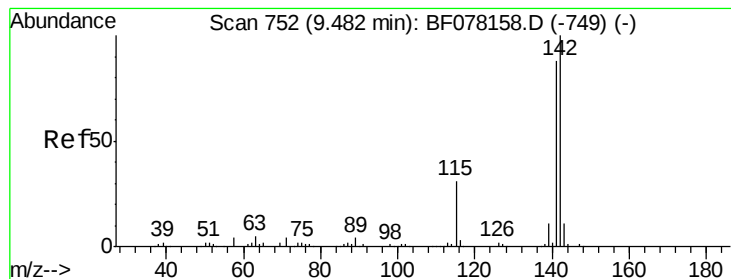


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

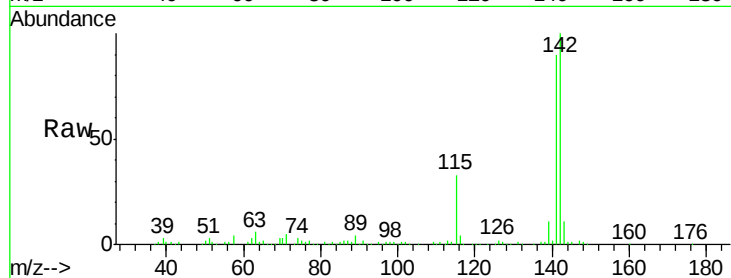




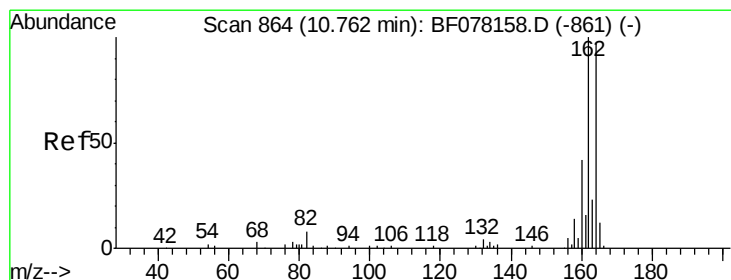
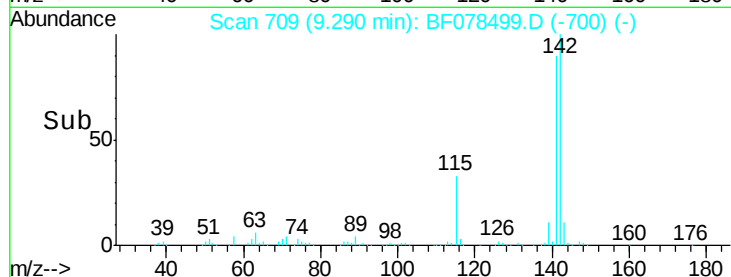
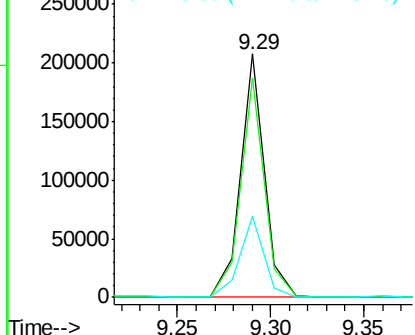
#37
 2-Methylnaphthalene
 Concen: 35.30 ng
 RT: 9.29 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF078499.D
 Acq: 14 Apr 2015 11:48

Instrument :
 BNA_F
 ClientSampled :
 SB-0D

Tgt Ion:142 Resp: 185061
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.3 105.5
 115 33.5 24.6 37.0

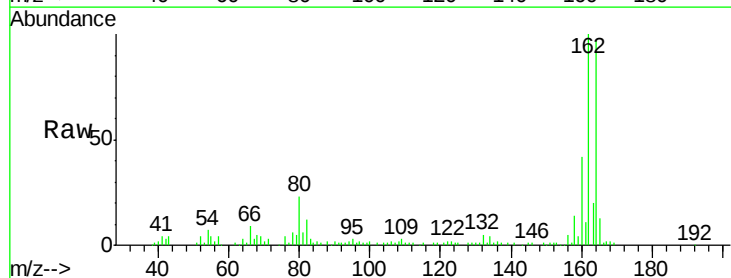


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

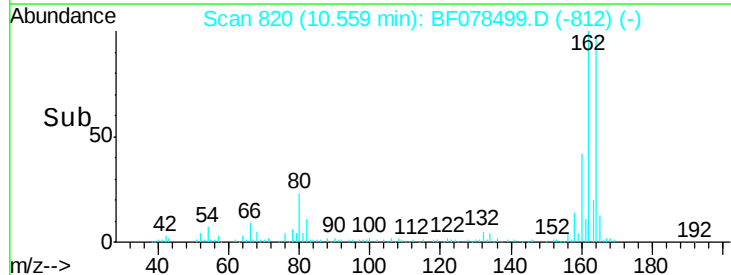
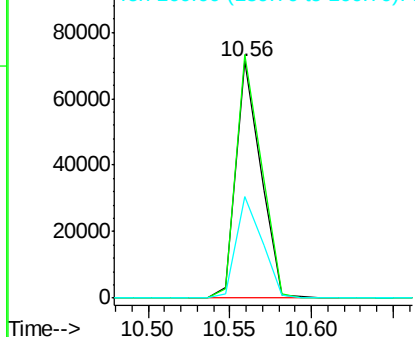


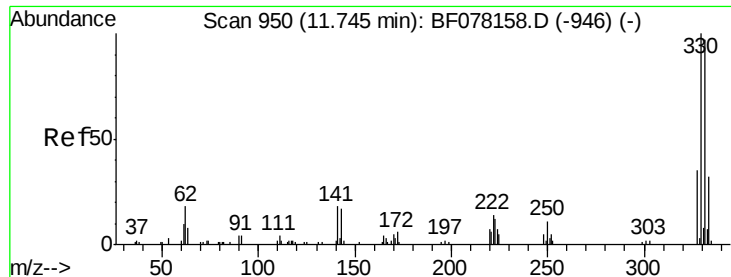
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078499.D
 Acq: 14 Apr 2015 11:48

Tgt Ion:164 Resp: 74291
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.2 123.2
 160 42.9 34.7 52.1



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

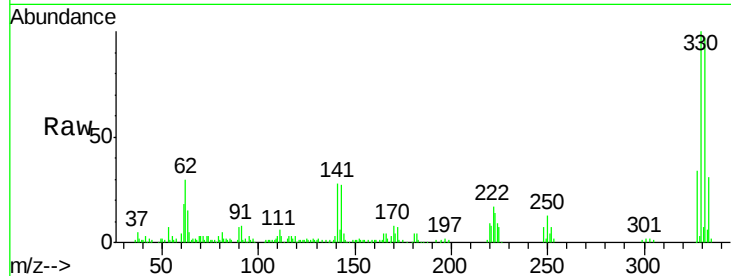




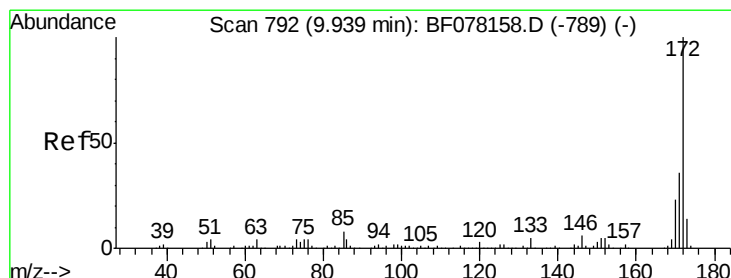
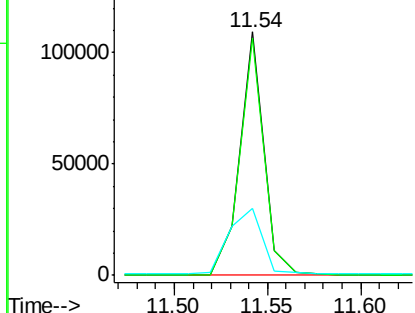
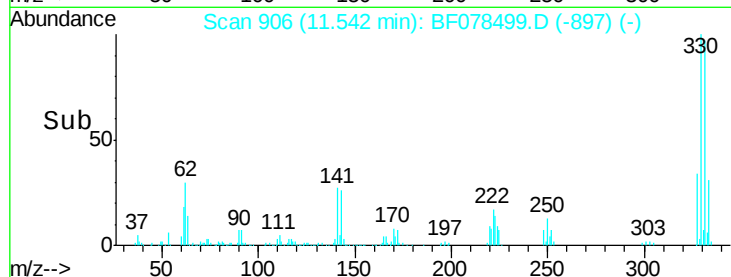
#41
 2,4,6-Tribromophenol
 Concen: 161.64 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF078499.D
 Acq: 14 Apr 2015 11:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-0D

Tgt Ion:330 Resp: 99591
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 37.3 31.2 46.8

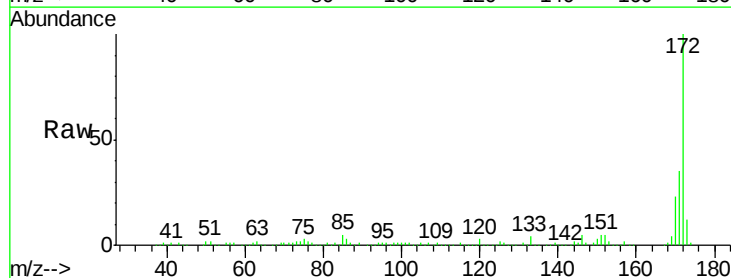


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

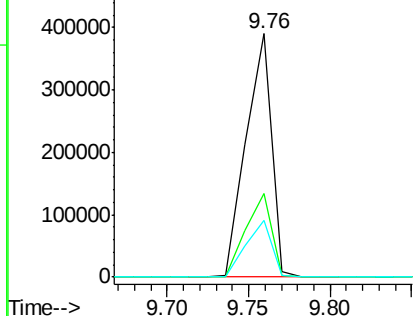
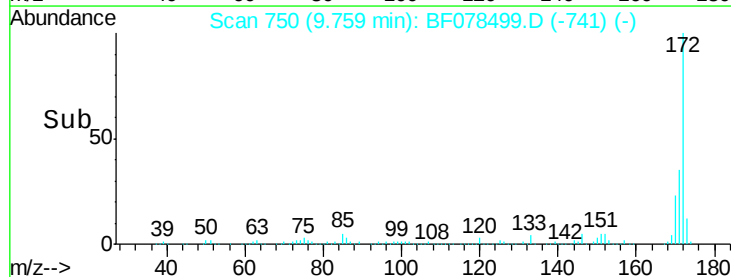


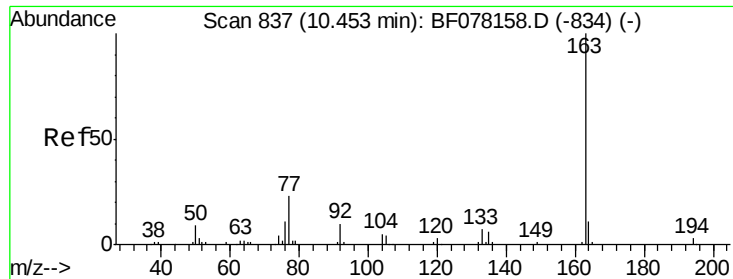
#44
 2-Fluorobiphenyl
 Concen: 81.27 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF078499.D
 Acq: 14 Apr 2015 11:48

Tgt Ion:172 Resp: 422395
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.4 18.5 27.7



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

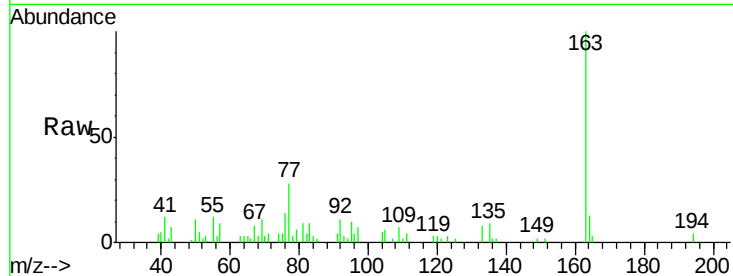




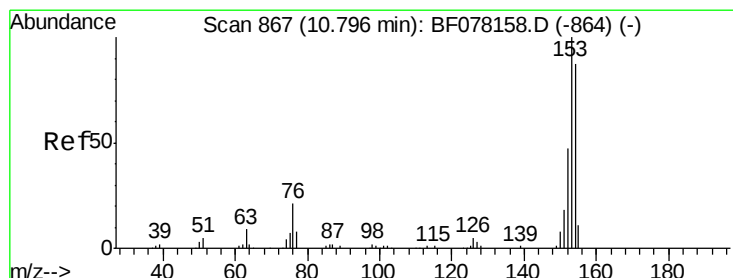
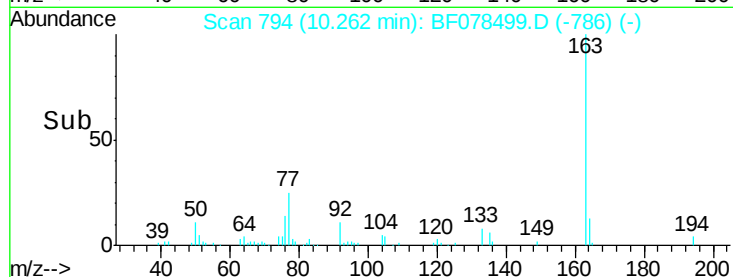
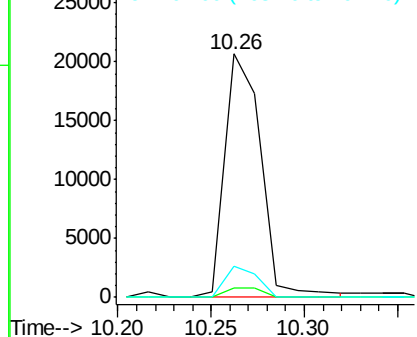
#49
Dimethylphthalate
Concen: 5.03 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF078499.D
Acq: 14 Apr 2015 11:48

Instrument :
BNA_F
ClientSampleId :
SB-0D

Tgt Ion:163 Resp: 28060
Ion Ratio Lower Upper
163 100
194 3.9 2.3 3.5#
164 12.7 8.6 13.0

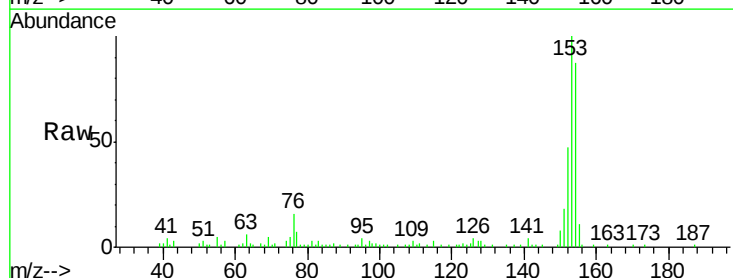


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

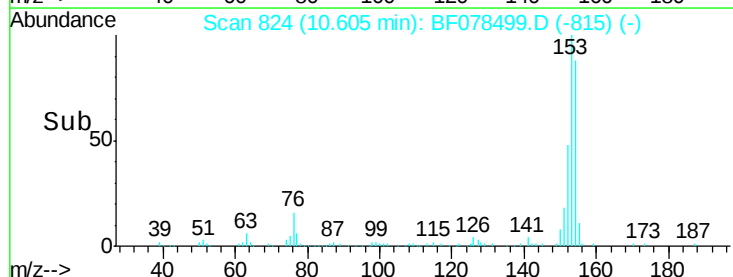
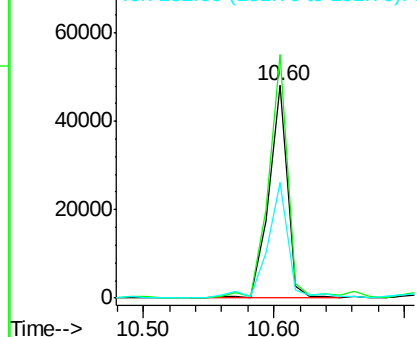


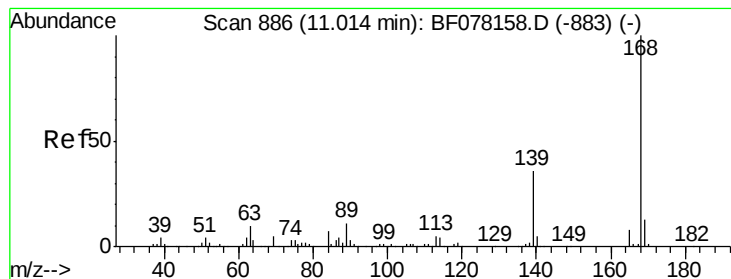
#51
Acenaphthene
Concen: 11.00 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF078499.D
Acq: 14 Apr 2015 11:48

Tgt Ion:154 Resp: 47810
Ion Ratio Lower Upper
154 100
153 114.6 91.4 137.2
152 54.2 43.0 64.6



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

Dibenzenofuran

Concen: 2.56 ng

RT: 10.82 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

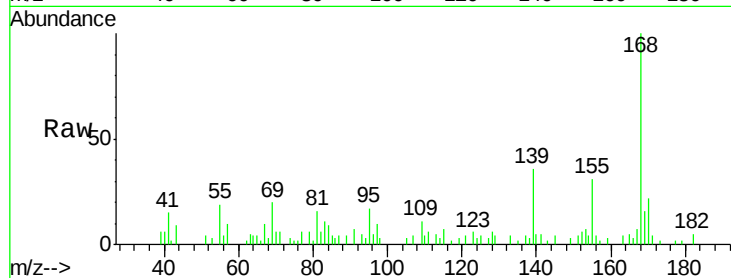
Tgt Ion:168 Resp: 16978

Ion Ratio Lower Upper

168 100

139 35.5 31.0 46.4

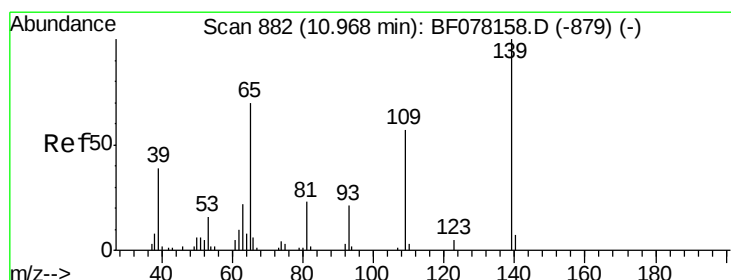
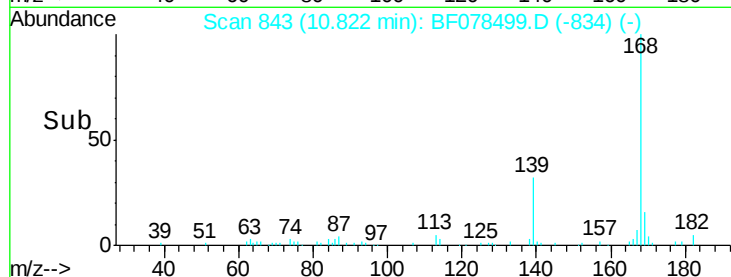
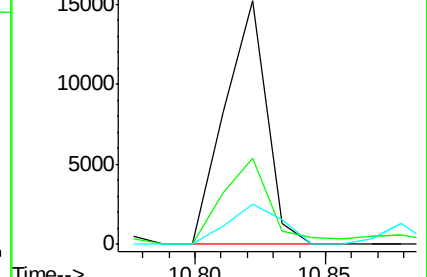
169 16.4 10.7 16.1#



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: 3.78 ng

RT: 10.76 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

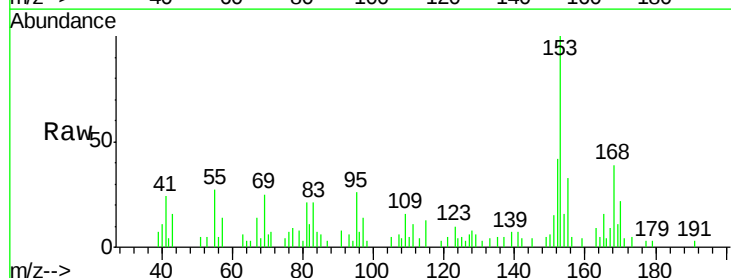
Tgt Ion:139 Resp: 1009

Ion Ratio Lower Upper

139 100

109 239.6 36.7 76.7#

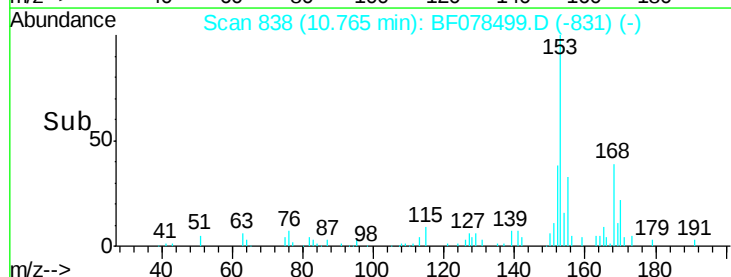
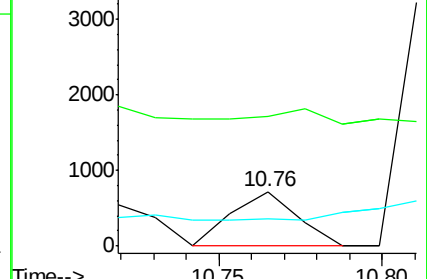
65 51.0 49.9 89.9

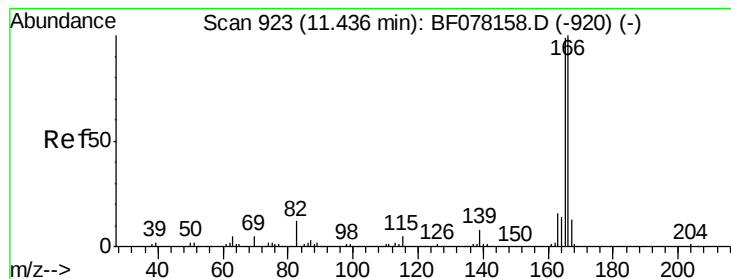


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 5.08 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

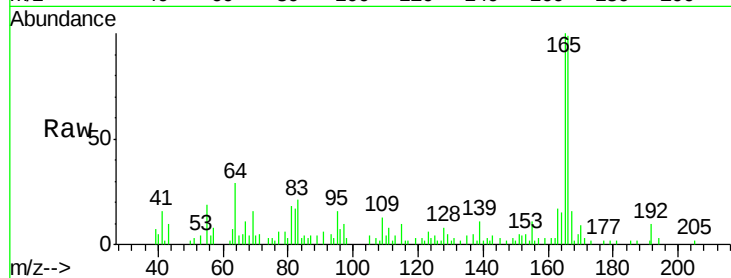
Tgt Ion:166 Resp: 27328

Ion Ratio Lower Upper

166 100

165 101.3 78.9 118.3

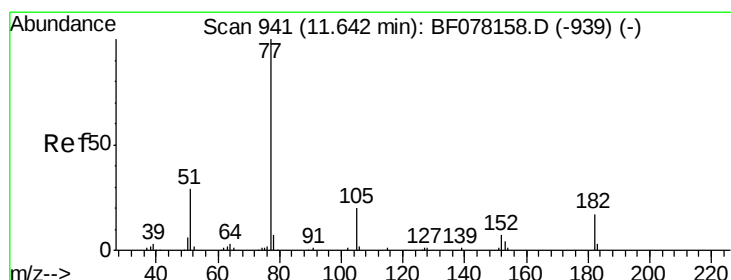
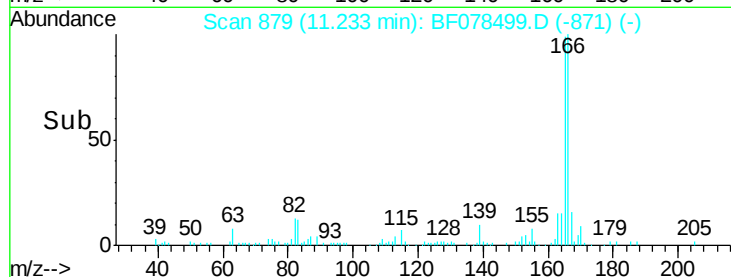
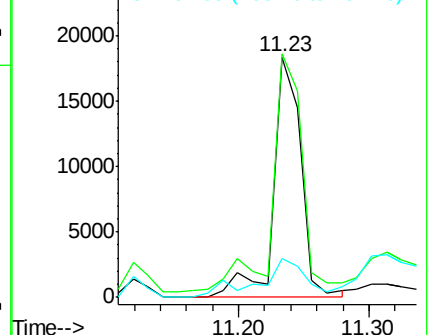
167 16.3 10.7 16.1#



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



#62

Azobenzene

Concen: 2.18 ng

RT: 11.46 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Tgt Ion: 77 Resp: 10702

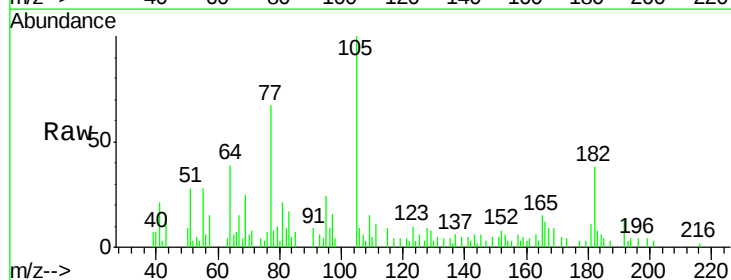
Ion Ratio Lower Upper

77 100

182 57.3 0.0 36.8#

105 150.1 0.3 40.3#

51 41.4 9.1 49.1

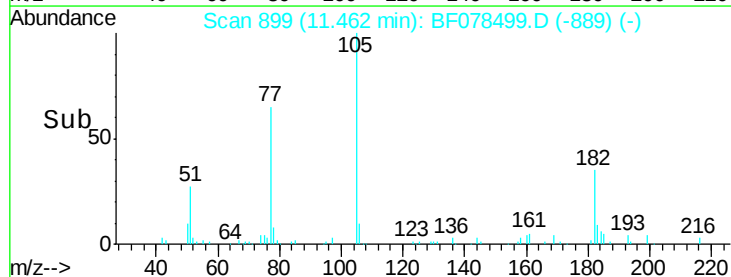
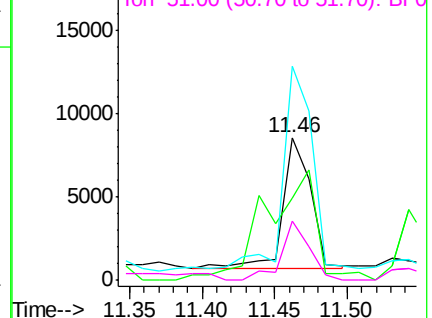


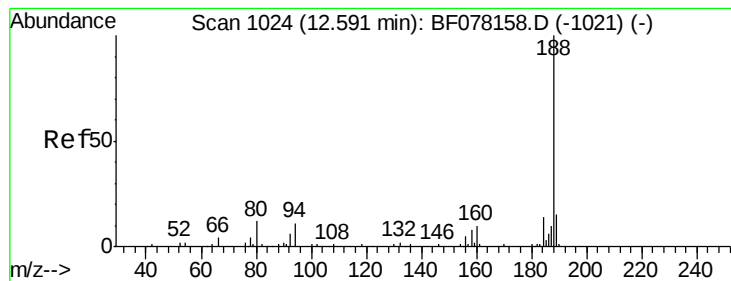
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

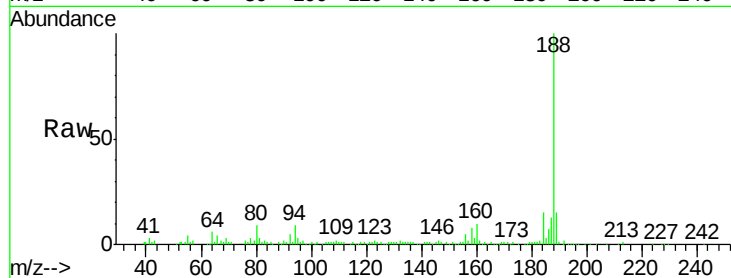
Tgt Ion:188 Resp: 144991

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

80 9.1 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

12.39

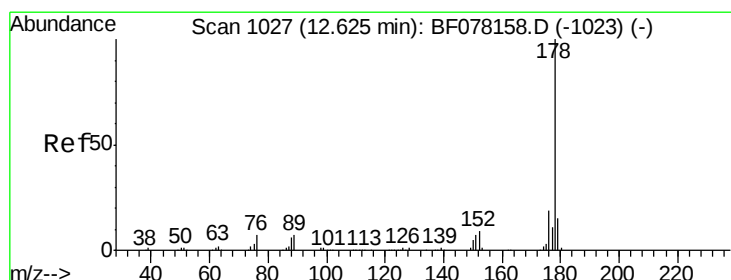
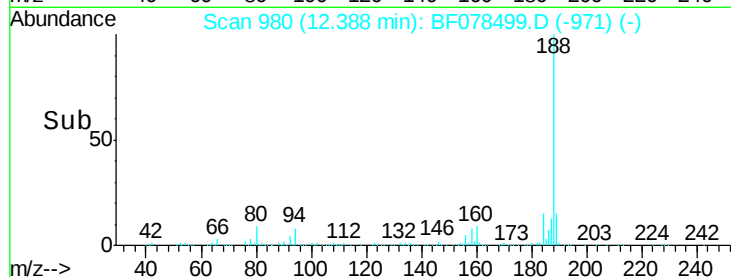
150000

100000

50000

0

12.30 12.35 12.40 12.45



#70

Phenanthrene

Concen: 17.29 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

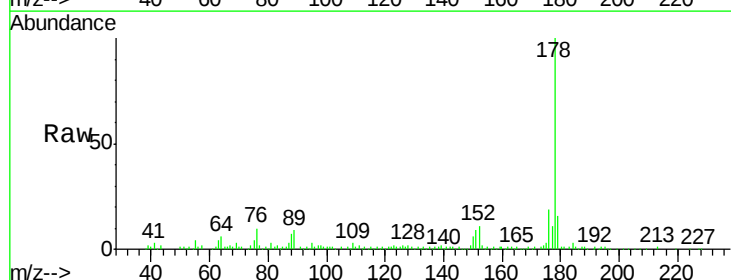
Tgt Ion:178 Resp: 144996

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 16.2 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

12.41

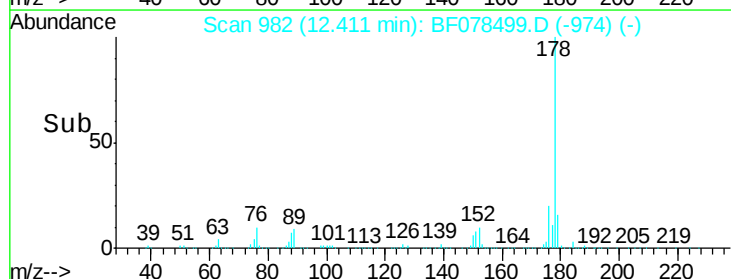
150000

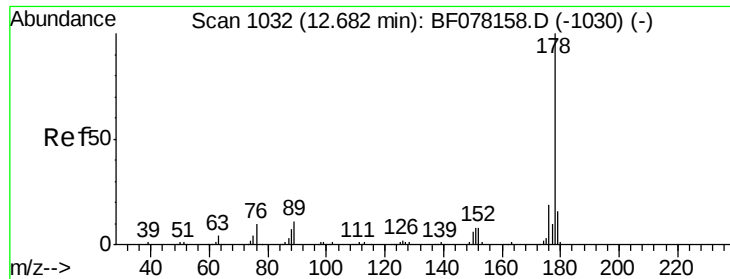
100000

50000

0

12.35 12.40 12.45

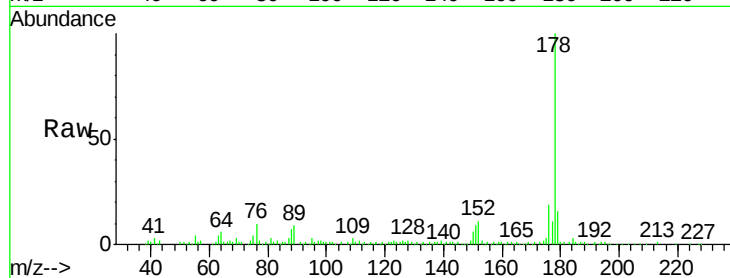




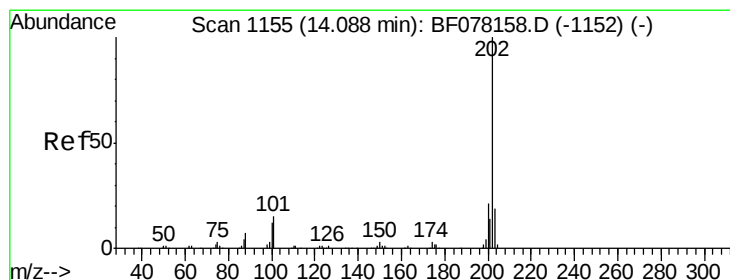
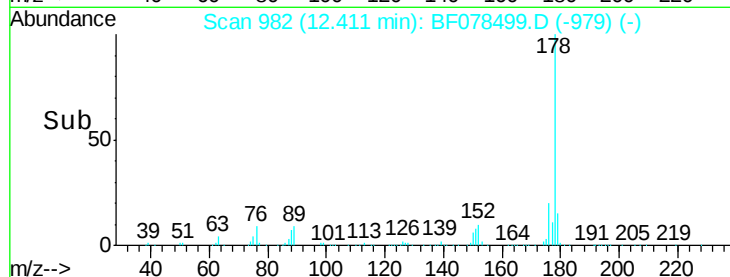
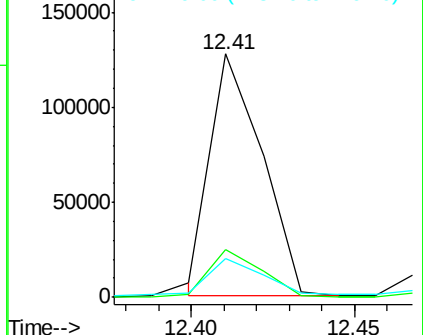
#71
 Anthracene
 Concen: 16.74 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.07 min
 Lab File: BF078499.D
 Acq: 14 Apr 2015 11:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-0D

Tgt Ion:178 Resp: 138351
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.8 22.2
 179 16.2 12.4 18.6

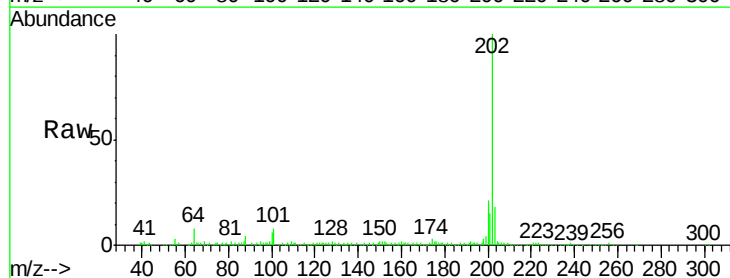


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

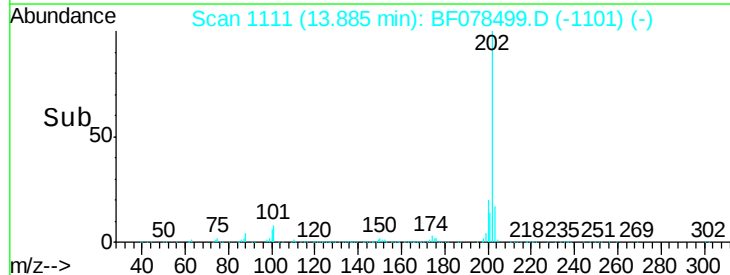
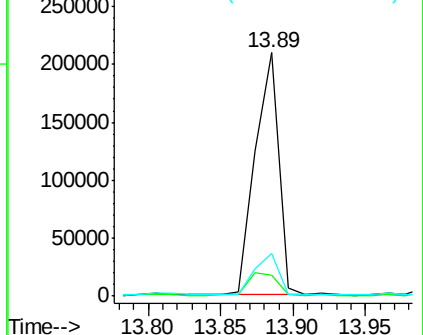


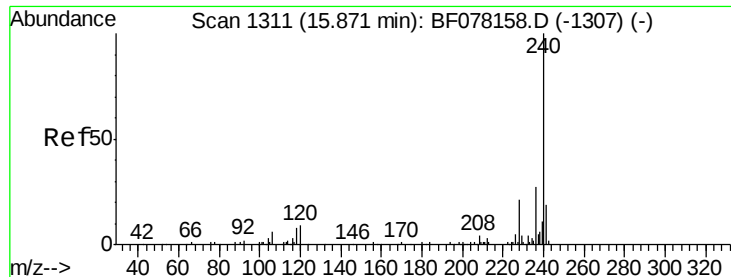
#74
 Fluoranthene
 Concen: 26.77 ng
 RT: 13.89 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF078499.D
 Acq: 14 Apr 2015 11:48

Tgt Ion:202 Resp: 236818
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 35.2
 203 17.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.66 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

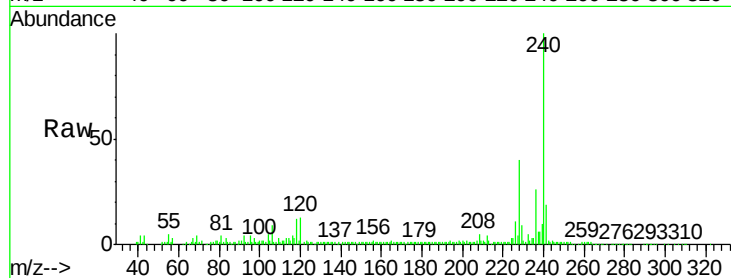
Tgt Ion:240 Resp: 144926

Ion Ratio Lower Upper

240 100

120 13.4 7.1 10.7#

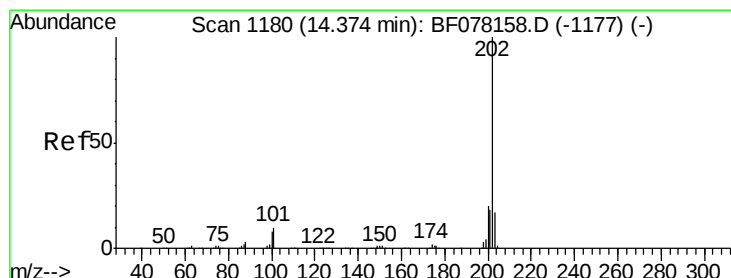
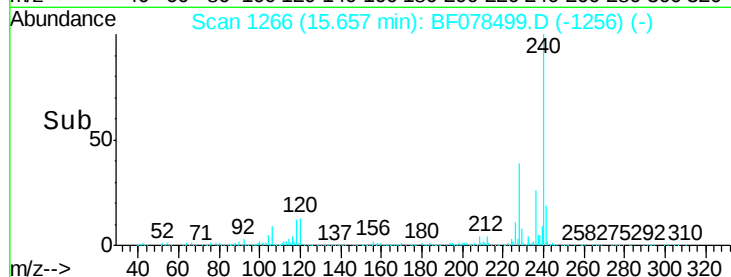
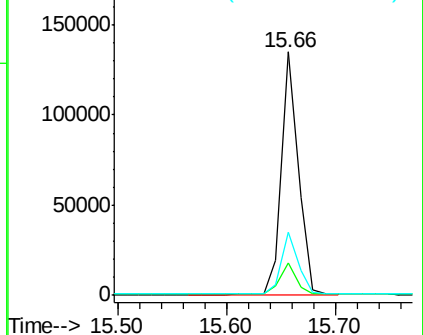
236 26.0 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 29.06 ng

RT: 14.15 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

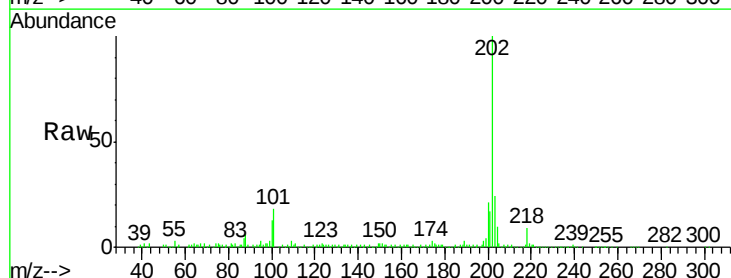
Tgt Ion:202 Resp: 264353

Ion Ratio Lower Upper

202 100

200 21.1 16.3 24.5

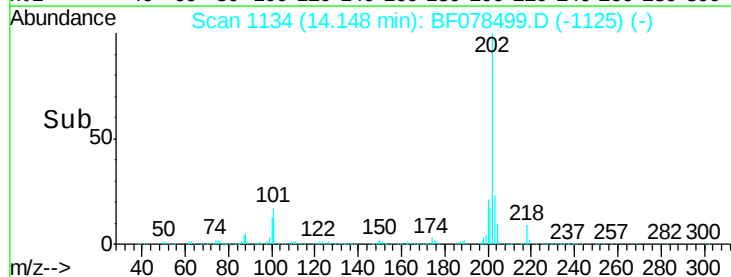
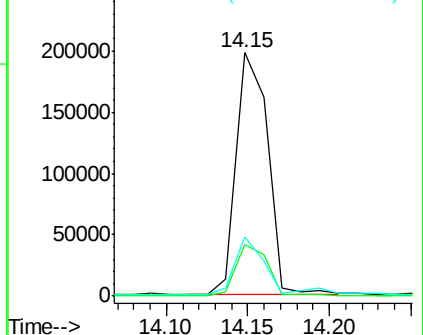
203 24.1 13.8 20.6#

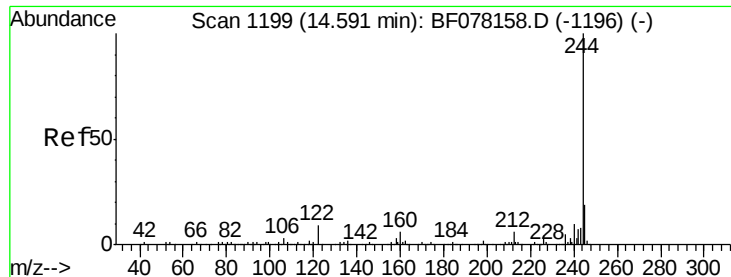


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.74 ng

RT: 14.38 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

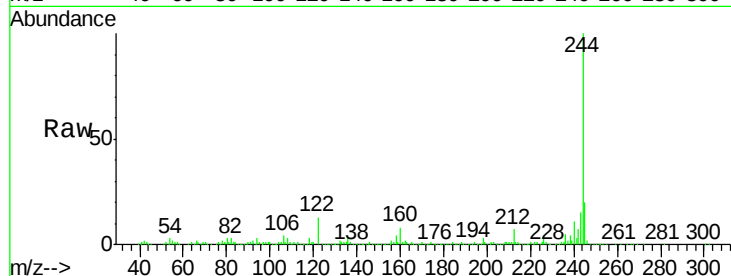
Tgt Ion:244 Resp: 453689

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

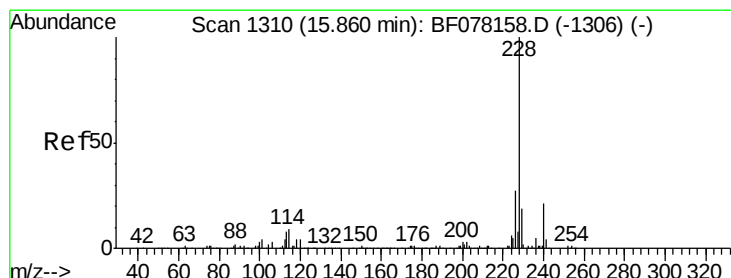
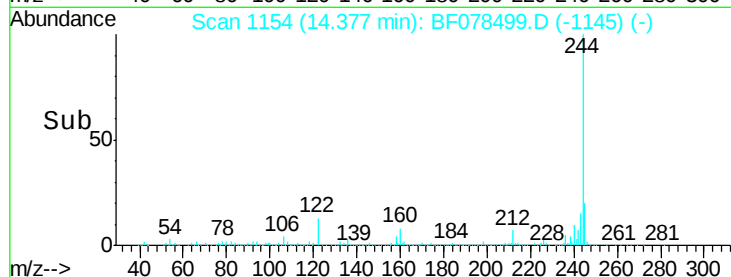
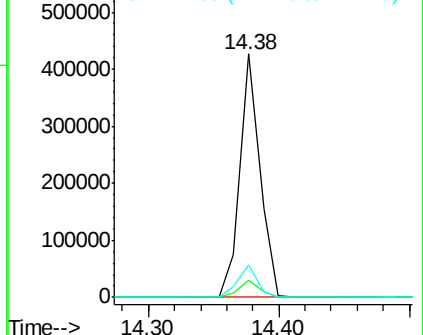
122 13.2 7.1 10.7#



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: 16.54 ng

RT: 15.65 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

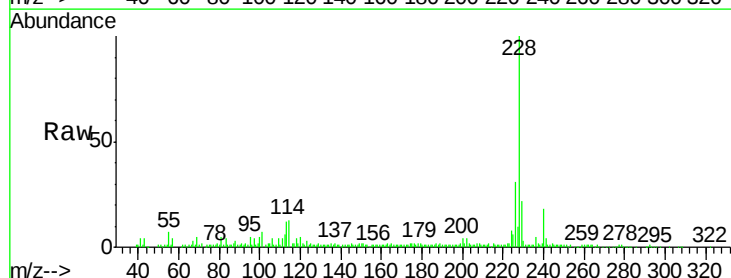
Tgt Ion:228 Resp: 142640

Ion Ratio Lower Upper

228 100

226 30.5 21.3 31.9

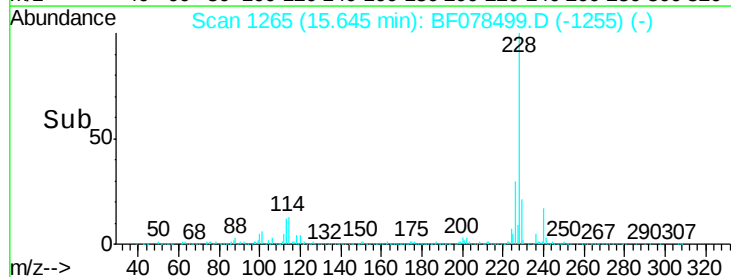
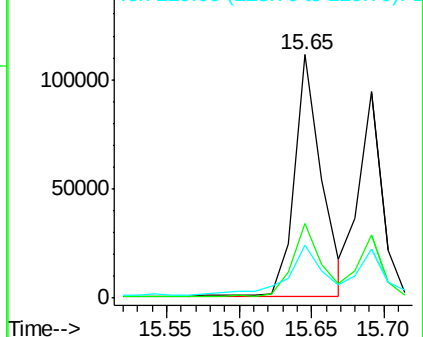
229 21.9 15.4 23.2

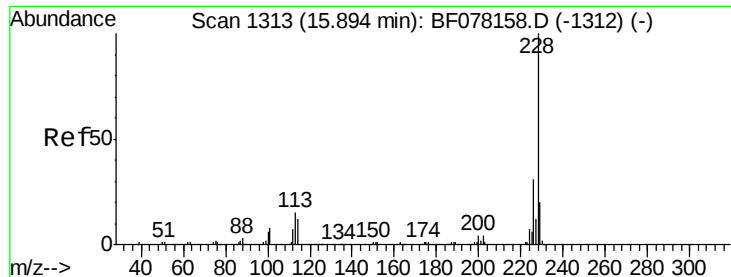


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 12.68 ng

RT: 15.69 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampleId :

SB-0D

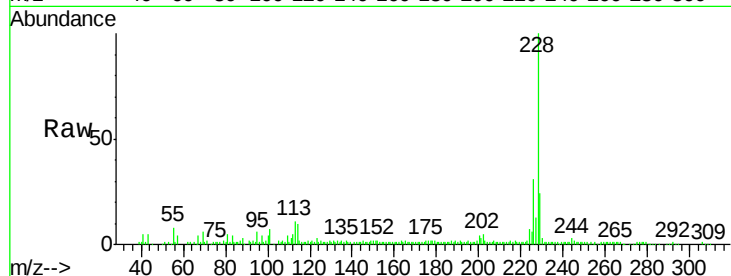
Tgt Ion:228 Resp: 102748

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

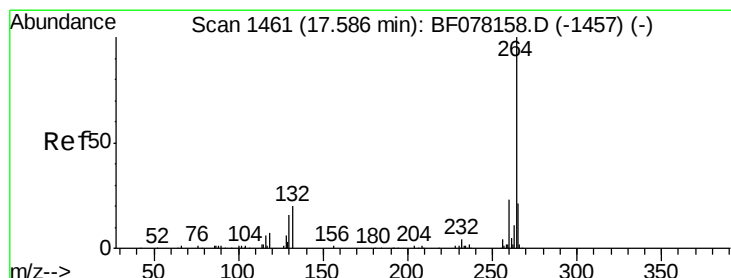
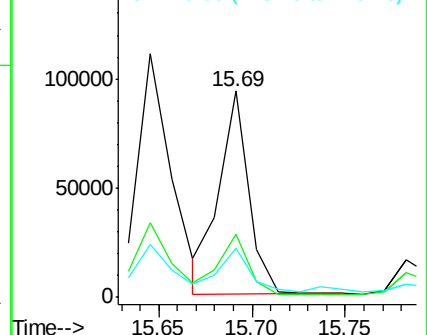
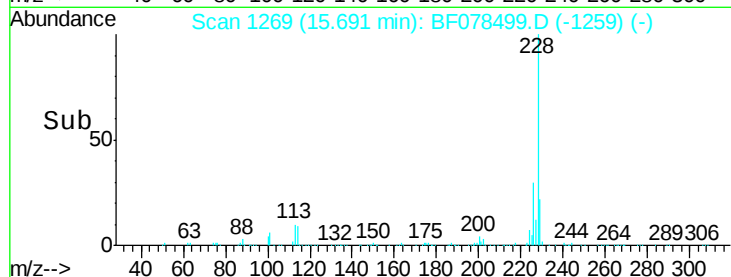
229 23.6 15.8 23.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.44 min Scan# 1422

Delta R.T. 0.15 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

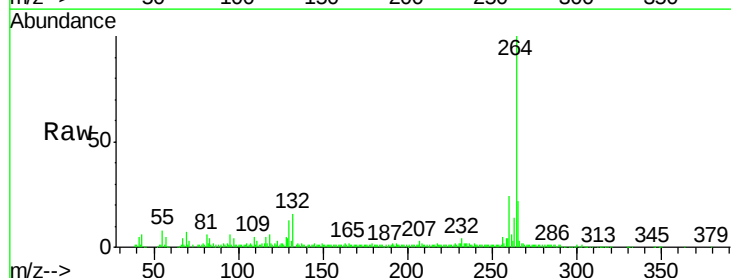
Tgt Ion:264 Resp: 149183

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

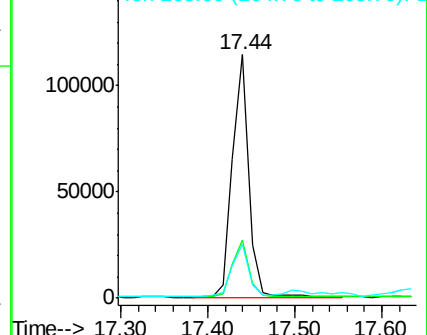
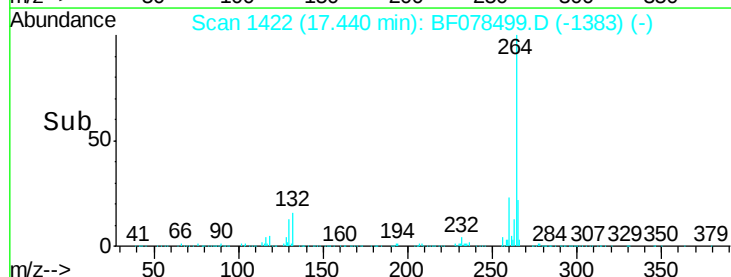
265 22.1 17.0 25.6

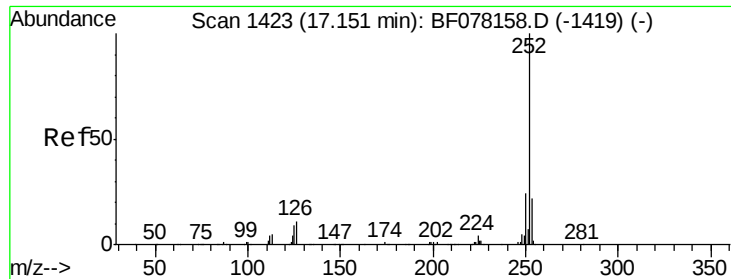


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.54 ng

RT: 16.98 min Scan# 1382

Delta R.T. 0.10 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

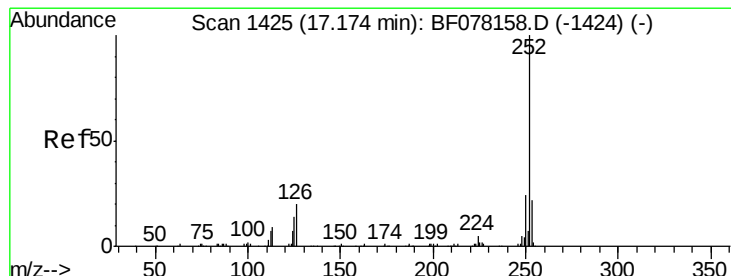
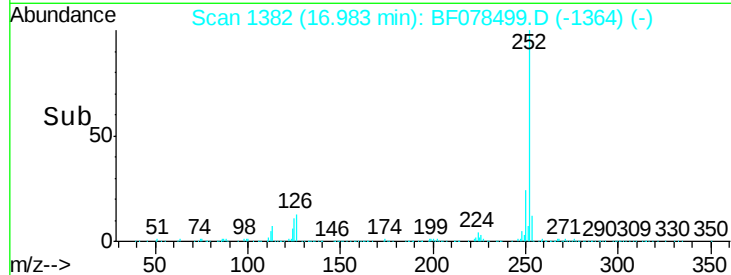
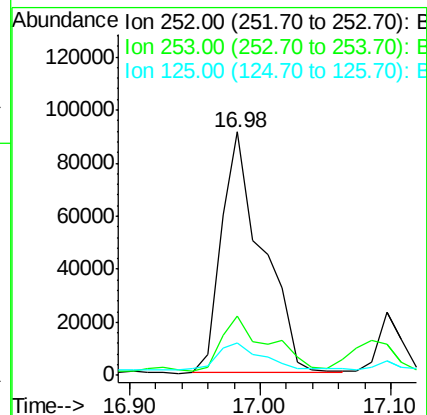
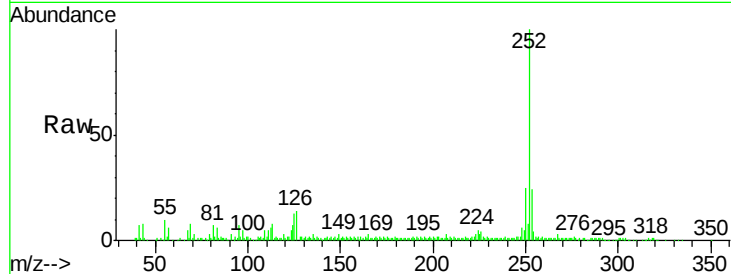
Instrument :

BNA_F

ClientSampleId :

SB-0D

Tgt Ion:	252	Resp:	198577
Ion Ratio		Lower	Upper
252	100		
253	24.3	17.2	25.8
125	13.1	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 3.23 ng

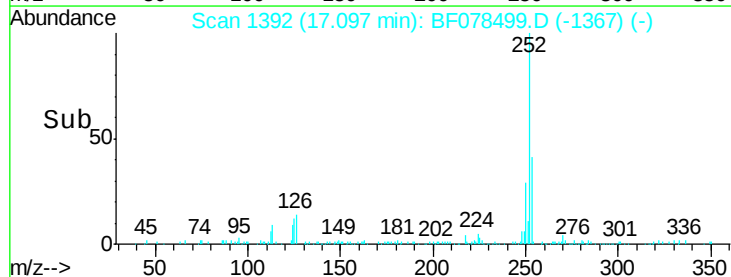
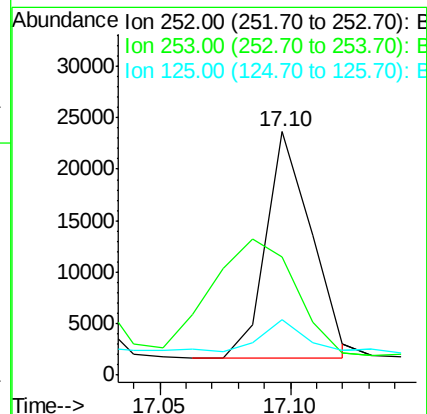
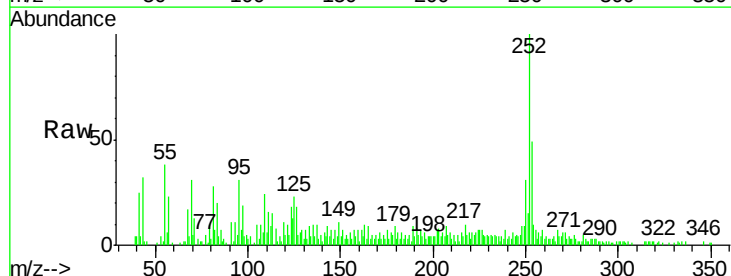
RT: 17.10 min Scan# 1392

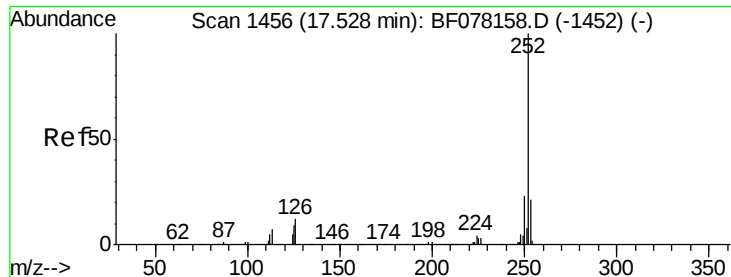
Delta R.T. 0.18 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Tgt Ion:	252	Resp:	26453
Ion Ratio		Lower	Upper
252	100		
253	48.8	17.5	26.3#
125	22.7	11.6	17.4#





#89

Benzo(a)pyrene

Concen: 16.31 ng

RT: 17.37 min Scan# 1416

Delta R.T. 0.14 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

Instrument :

BNA_F

ClientSampled :

SB-0D

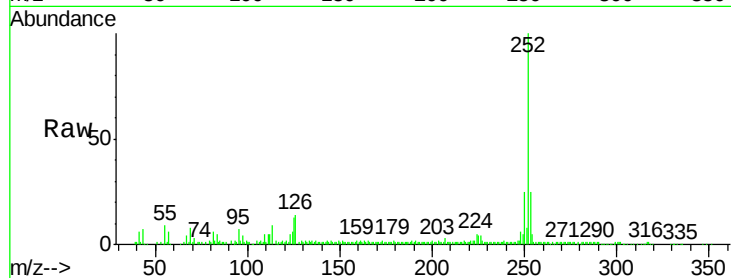
Tgt Ion:252 Resp: 131260

Ion Ratio Lower Upper

252 100

253 24.5 16.8 25.2

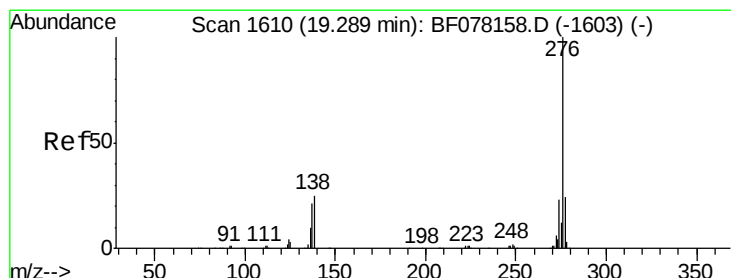
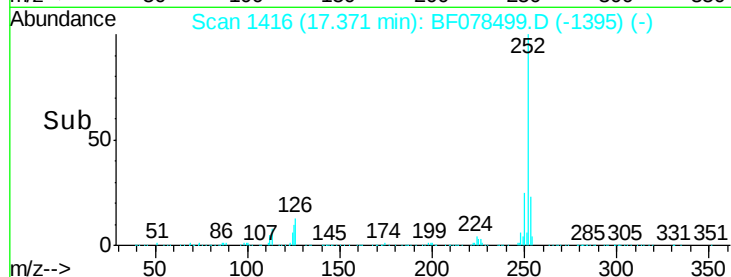
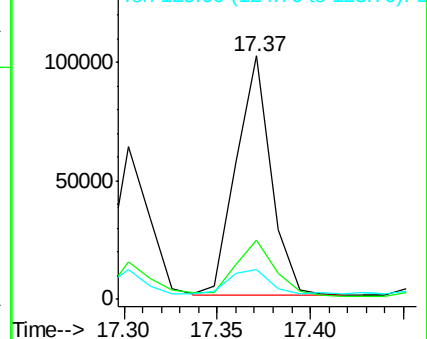
125 12.5 7.4 11.0#



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



#91

Benzo(g,h,i)perylene

Concen: 7.34 ng

RT: 19.05 min Scan# 1563

Delta R.T. 0.21 min

Lab File: BF078499.D

Acq: 14 Apr 2015 11:48

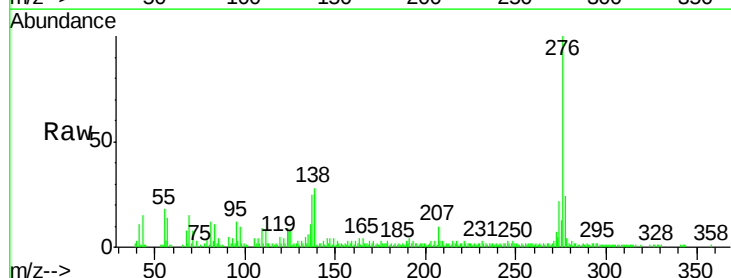
Tgt Ion:276 Resp: 59266

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 27.8 19.9 29.9



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

