

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079897.D
 Acq On : 11 Jun 2015 16:06
 Operator : TP/IZ
 Sample : PB83888BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83888BL

Quant Time: Jun 12 04:26:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	50219	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	206215	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	103890	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	225098	20.00	ng	-0.01
75) Chrysene-d12	14.96	240	250466	20.00	ng	-0.03
86) Perylene-d12	16.89	264	233516	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.01	112	379000	126.45	ng	0.01
7) Phenol-d6	6.99	99	518999	132.37	ng	0.00
23) Nitrobenzene-d5	7.95	82	238129	68.69	ng	0.00
41) 2,4,6-Tribromophenol	11.26	330	118333	127.62	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	610430	82.81	ng	0.00
78) Terphenyl-d14	13.67	244	861433	78.15	ng	-0.02

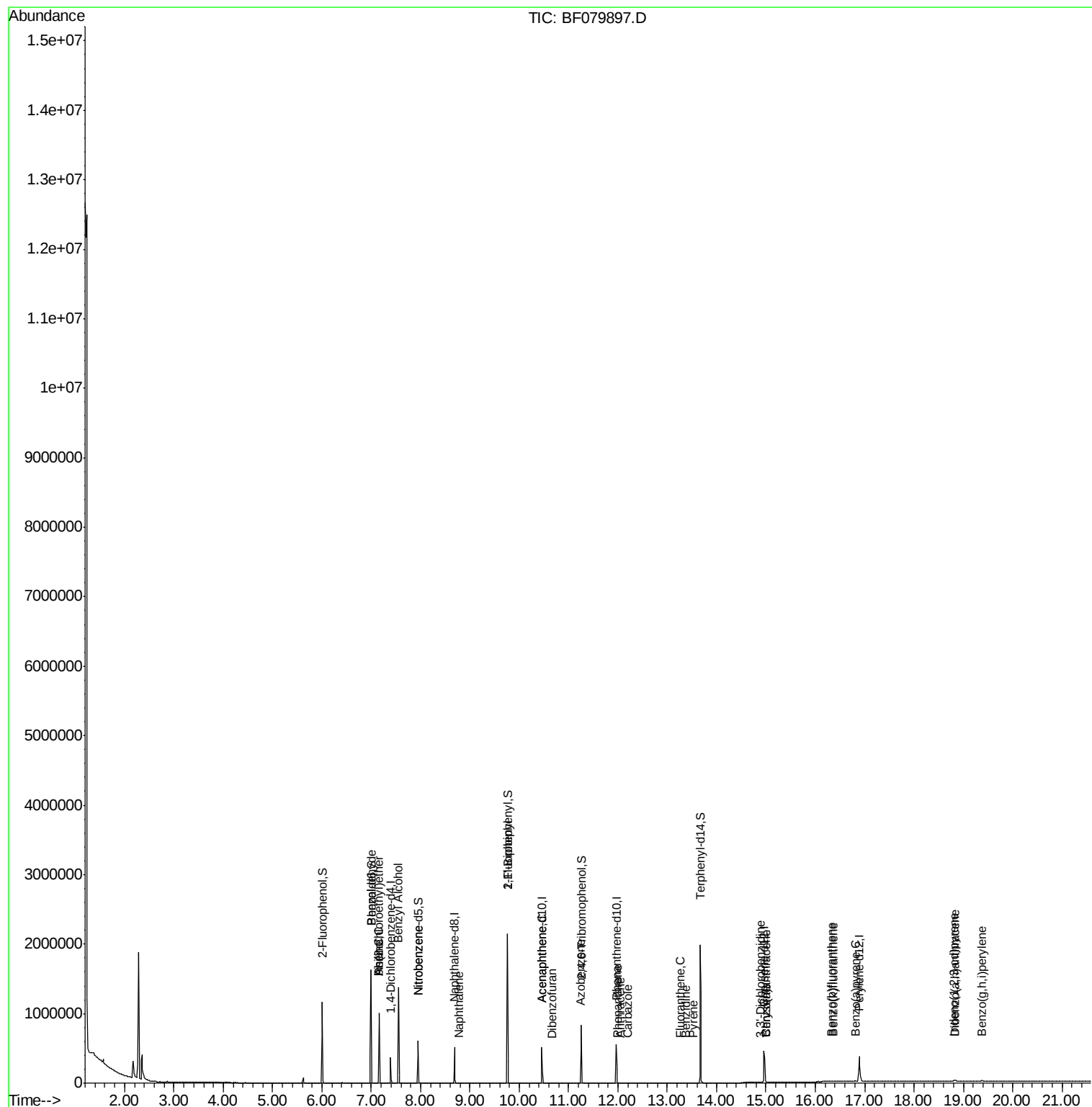
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	7.15	93	634	0.11	ng	# 1
9) Benzaldehyde	6.99	77	781	0.35	ng	# 6
10) Phenol	7.15	94	819	0.19	ng	# 1
11) bis(2-Chloroethyl)ether	7.15	93	634	0.19	ng	# 1
15) Benzyl Alcohol	7.55	79	4889	1.56	ng	# 45
24) Nitrobenzene	7.95	77	645	0.18	ng	# 46
31) Naphthalene	8.78	128	208	0.02	ng	# 1
45) 1,1'-Biphenyl	9.76	154	1059	0.12	ng	# 1
51) Acenaphthene	10.46	154	250	0.04	ng	# 4
54) Dibenzofuran	10.66	168	226	0.02	ng	# 43
62) Azobenzene	11.25	77	615	0.08	ng	# 1
70) Phenanthrene	11.99	178	690	0.05	ng	# 60
71) Anthracene	12.05	178	370	0.03	ng	# 60
72) Carbazole	12.19	167	433	0.03	ng	# 59
74) Fluoranthene	13.27	202	757	0.05	ng	# 64
76) Benzidine	13.38	184	398	0.05	ng	# 67
77) Pyrene	13.52	202	848	0.05	ng	# 57
80) Benzo(a)anthracene	14.99	228	4174	0.28	ng	# 97
81) 3,3'-Dichlorobenzidine	14.89	252	593	0.13	ng	# 25
82) Chrysene	14.99	228	4174	0.30	ng	# 94
85) Indeno(1,2,3-cd)pyrene	18.81	276	27071	1.82	ng	# 96
87) Benzo(b)fluoranthene	16.33	252	8266	0.60	ng	# 89
88) Benzo(k)fluoranthene	16.37	252	11482	0.79	ng	# 95
89) Benzo(a)pyrene	16.81	252	10456	0.80	ng	# 96
90) Dibenzo(a,h)anthracene	18.83	278	23161	1.91	ng	# 94
91) Benzo(g,h,i)perylene	19.38	276	24337	1.90	ng	# 95

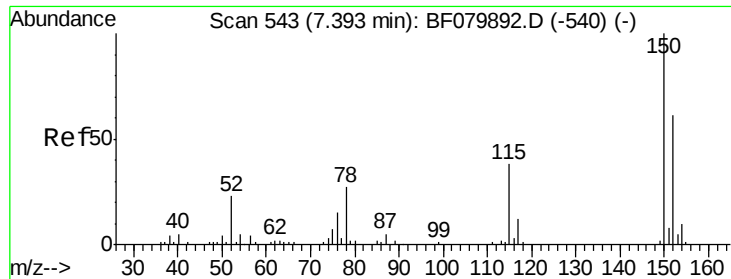
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079897.D
Acq On : 11 Jun 2015 16:06
Operator : TP/IZ
Sample : PB83888BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83888BL

Quant Time: Jun 12 04:26:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 00:59:58 2015
Response via : Initial Calibration



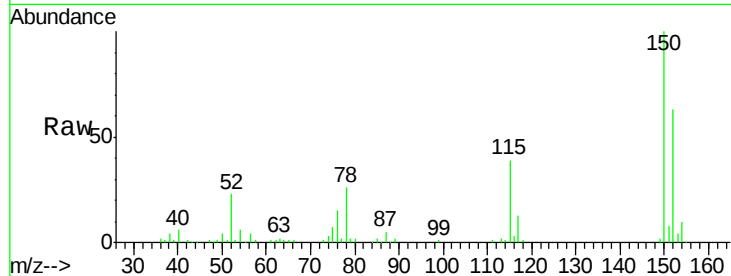


#1

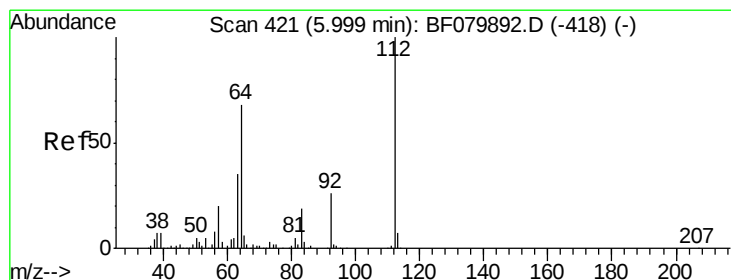
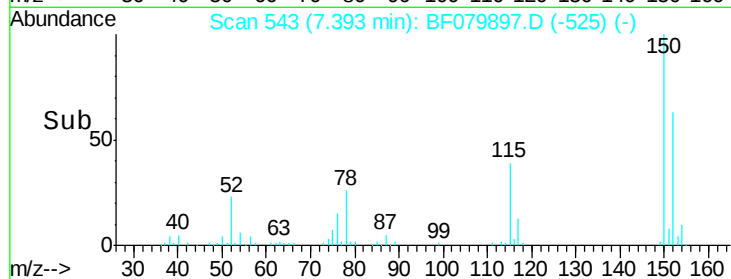
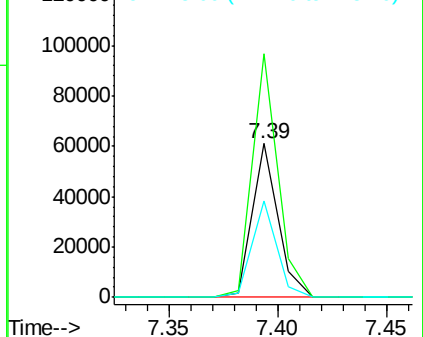
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB83888BL

Tgt Ion:152 Resp: 50219
Ion Ratio Lower Upper
152 100
150 158.2 131.0 196.4
115 62.4 49.8 74.6



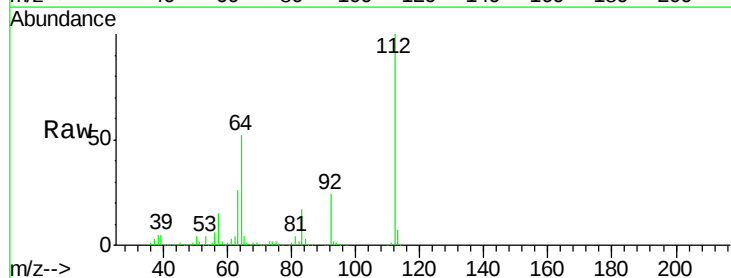
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



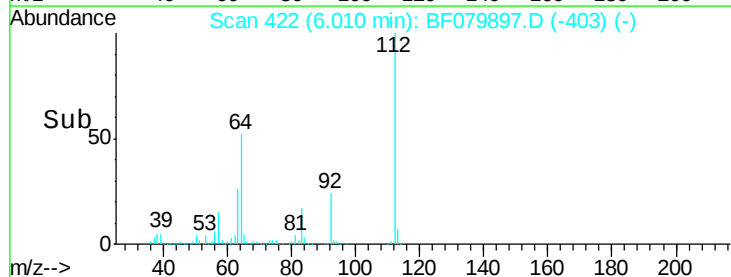
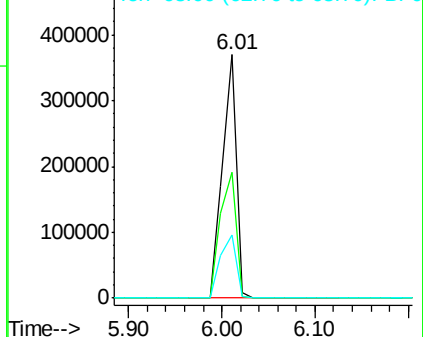
#5

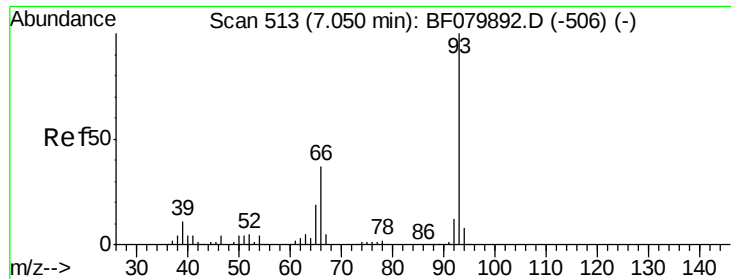
2-Fluorophenol
Concen: 126.45 ng
RT: 6.01 min Scan# 422
Delta R.T. 0.01 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Tgt Ion:112 Resp: 379000
Ion Ratio Lower Upper
112 100
64 51.6 54.5 81.7#
63 25.7 27.9 41.9#



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





#6

Aniline

Concen: 0.11 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.10 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

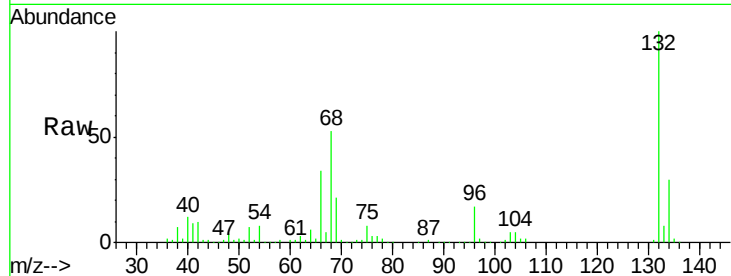
Tgt Ion: 93 Resp: 634

Ion Ratio Lower Upper

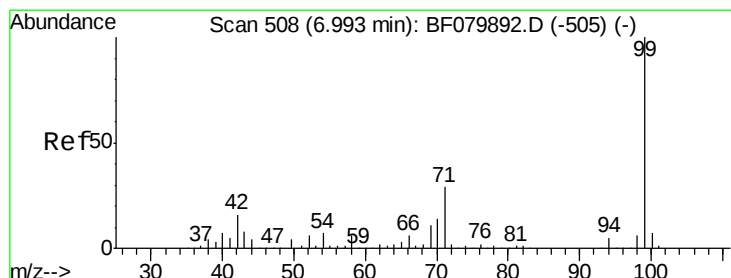
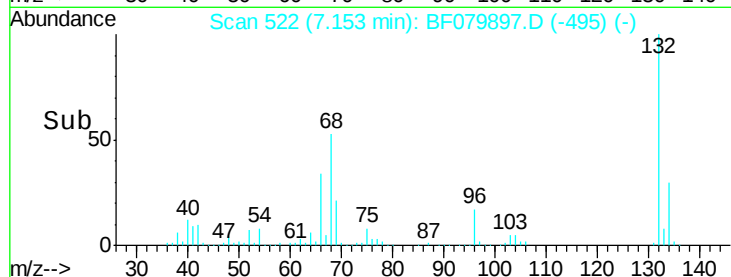
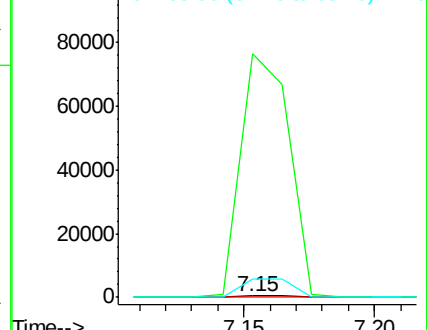
93 100

66 15122.5 29.4 44.0#

65 1110.7 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 132.37 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

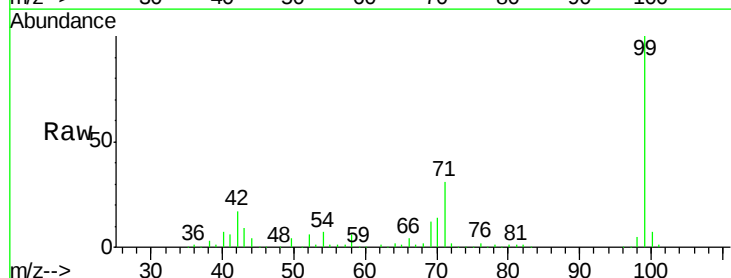
Tgt Ion: 99 Resp: 518999

Ion Ratio Lower Upper

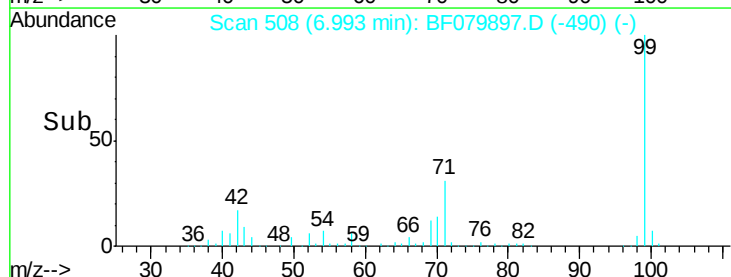
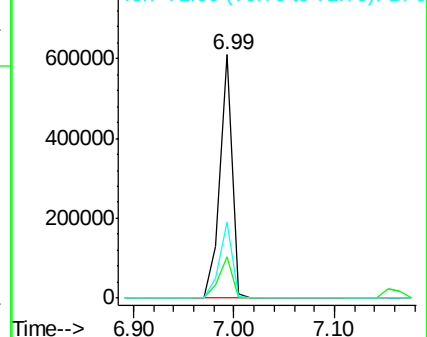
99 100

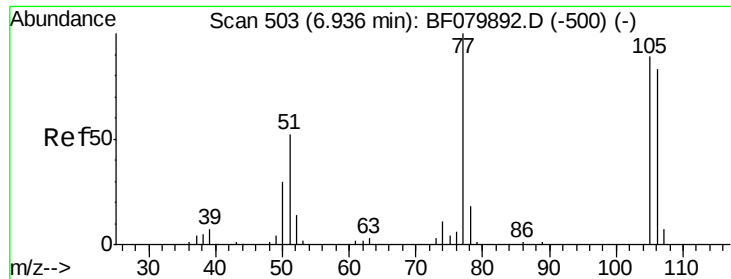
42 17.2 12.9 19.3

71 31.0 23.4 35.2



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: 0.35 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.06 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampled :

PB83888BL

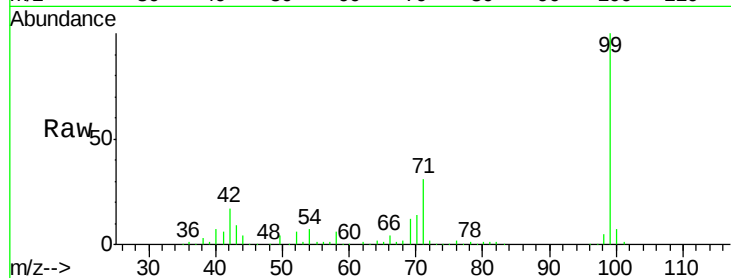
Tgt Ion: 77 Resp: 781

Ion Ratio Lower Upper

77 100

105 0.0 68.6 108.6#

106 0.0 63.3 103.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.99

800

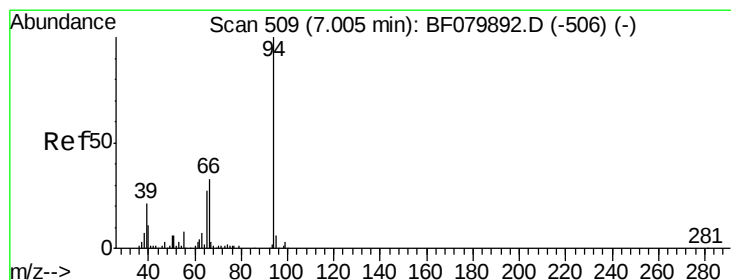
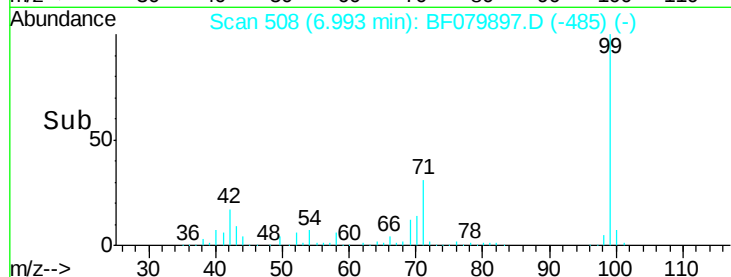
600

400

200

0

Time-->



#10

Phenol

Concen: 0.19 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.15 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

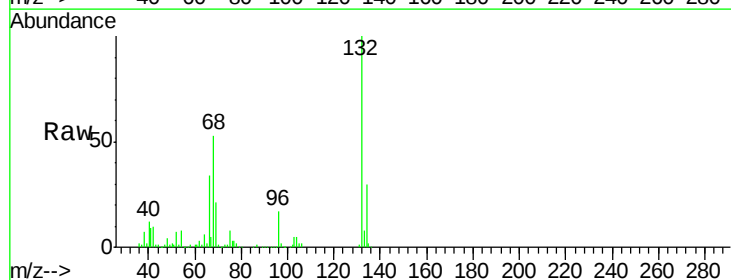
Tgt Ion: 94 Resp: 819

Ion Ratio Lower Upper

94 100

65 900.6 7.0 47.0#

66 12262.8 13.3 53.3#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

80000

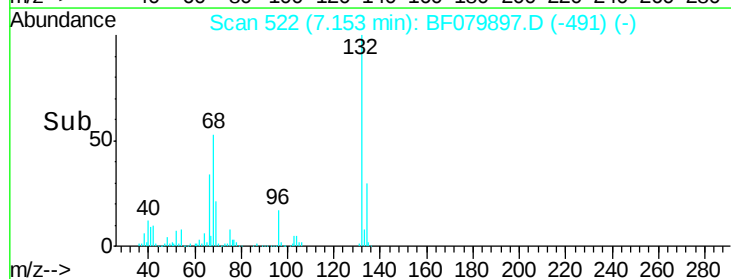
60000

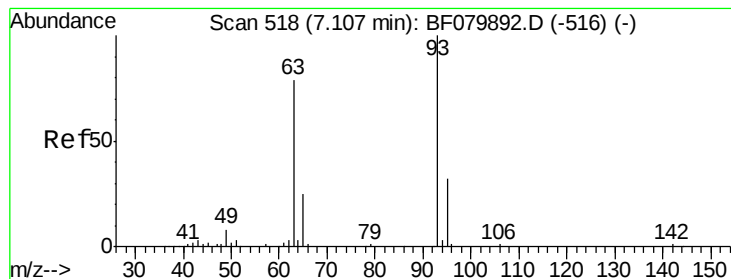
40000

20000

0

Time-->

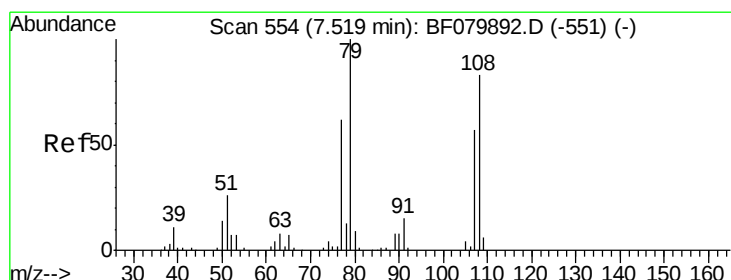
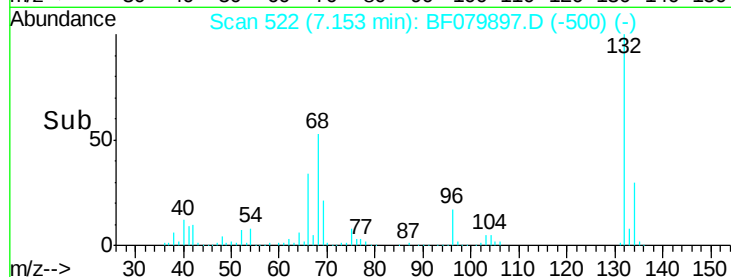
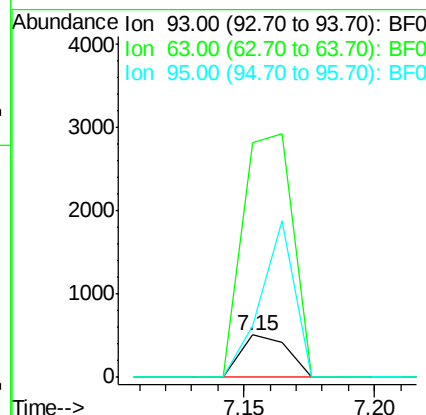
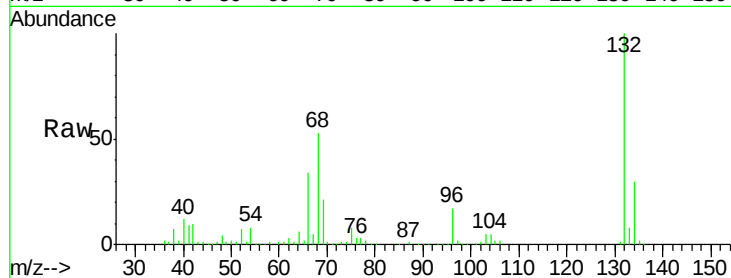




#11
 bis(2-Chloroethyl)ether
 Concen: 0.19 ng
 RT: 7.15 min Scan# 522
 Delta R.T. 0.05 min
 Lab File: BF079897.D
 Acq: 11 Jun 2015 16:06

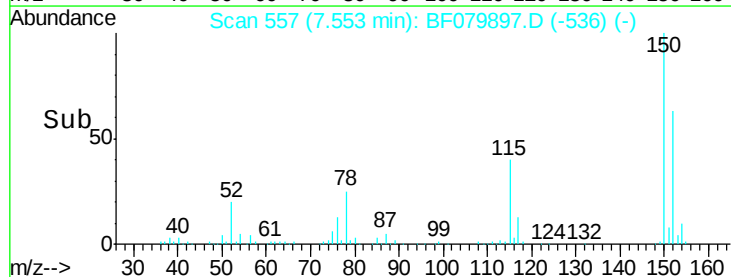
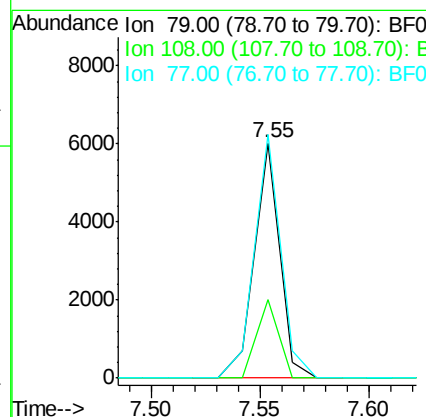
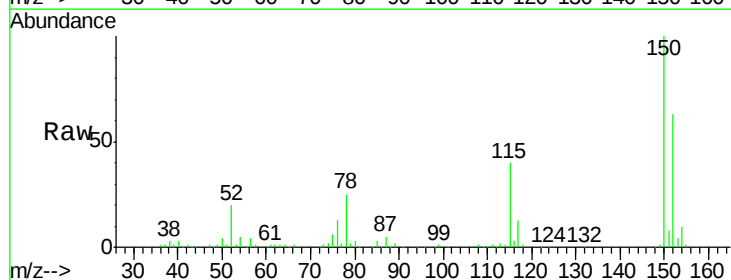
Instrument :
 BNA_F
 ClientSampleId :
 PB83888BL

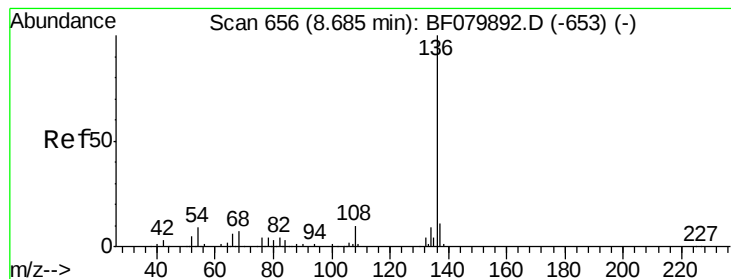
Tgt Ion: 93 Resp: 634
 Ion Ratio Lower Upper
 93 100
 63 558.1 58.7 98.7#
 95 121.5 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 1.56 ng
 RT: 7.55 min Scan# 557
 Delta R.T. 0.03 min
 Lab File: BF079897.D
 Acq: 11 Jun 2015 16:06

Tgt Ion: 79 Resp: 4889
 Ion Ratio Lower Upper
 79 100
 108 33.4 66.4 99.6#
 77 103.5 49.4 74.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

Tgt Ion: 136 Resp: 206215

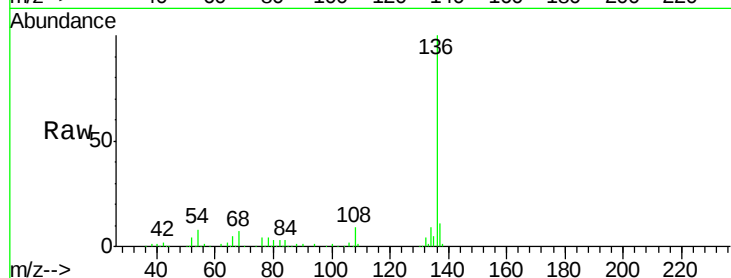
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 7.3 10.9

68 6.8 5.9 8.9

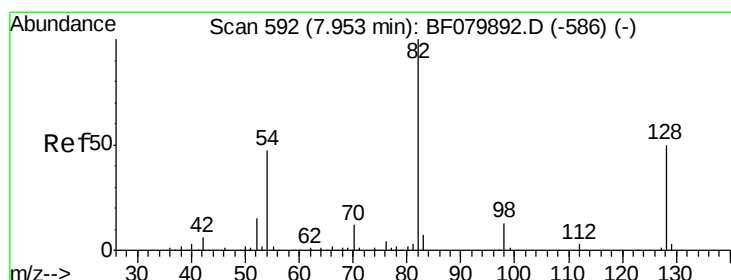
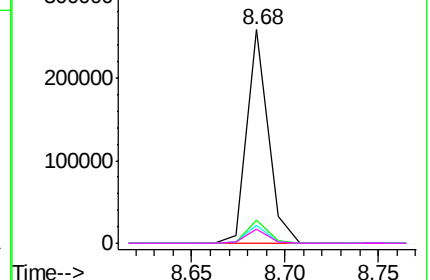
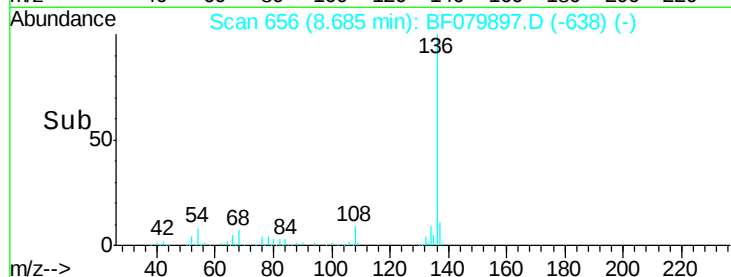


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.69 ng

RT: 7.95 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

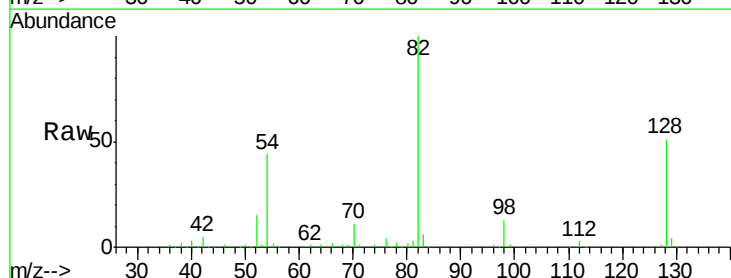
Tgt Ion: 82 Resp: 238129

Ion Ratio Lower Upper

82 100

128 51.2 40.3 60.5

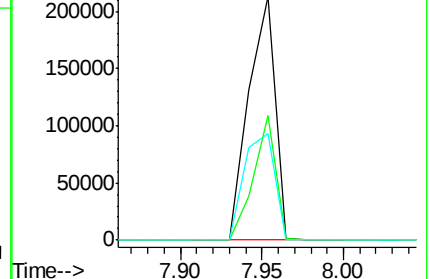
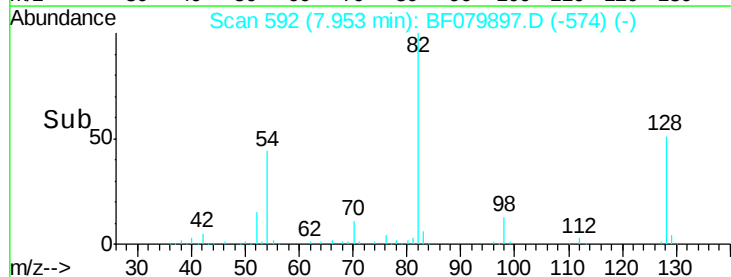
54 43.6 38.0 57.0

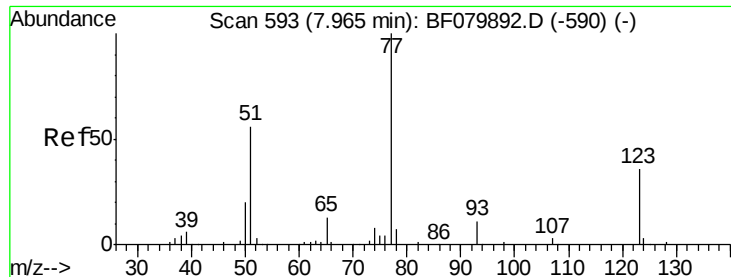


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.18 ng

RT: 7.95 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

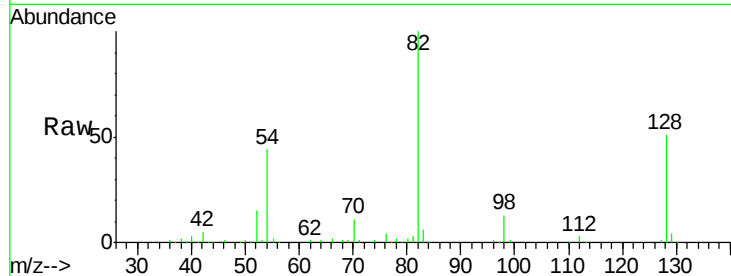
Tgt Ion: 77 Resp: 645

Ion Ratio Lower Upper

77 100

123 0.0 28.8 43.2#

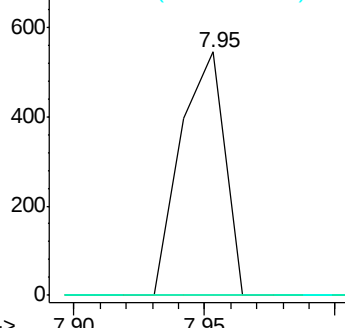
65 0.0 10.3 15.5#



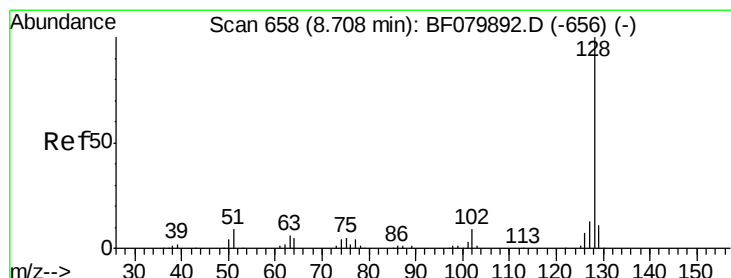
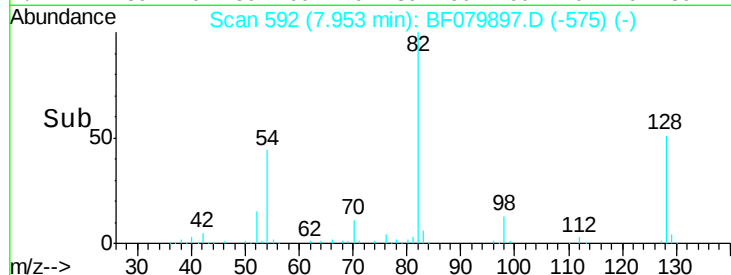
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#31

Naphthalene

Concen: 0.02 ng

RT: 8.78 min Scan# 664

Delta R.T. 0.07 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

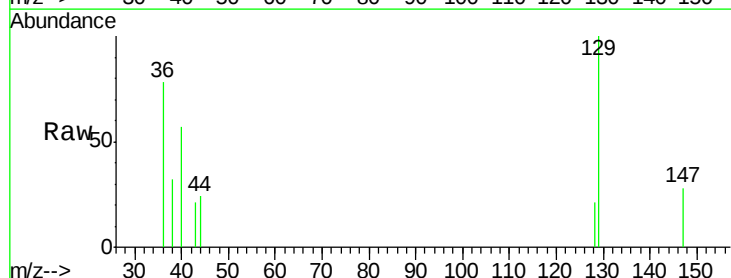
Tgt Ion: 128 Resp: 208

Ion Ratio Lower Upper

128 100

129 473.9 8.8 13.2#

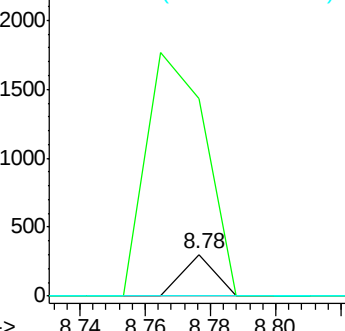
127 0.0 10.5 15.7#



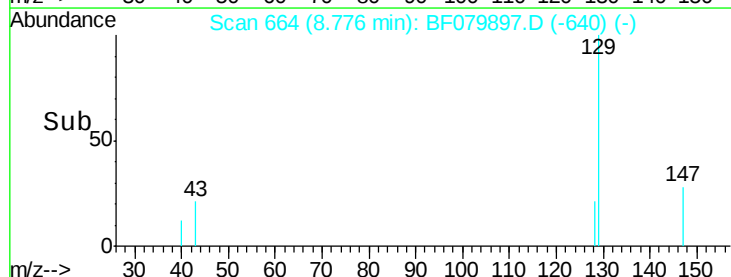
Abundance Ion 128.00 (127.70 to 128.70): E

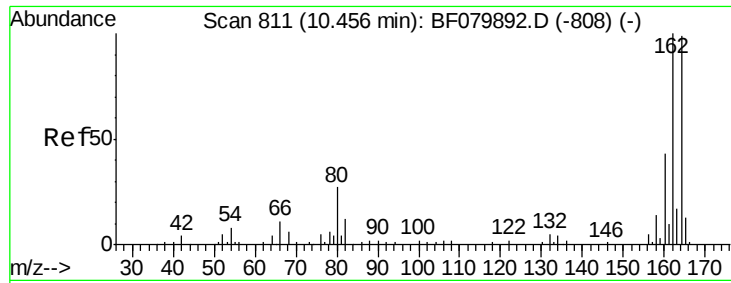
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

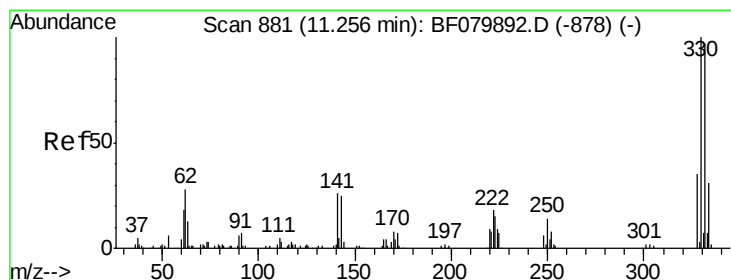
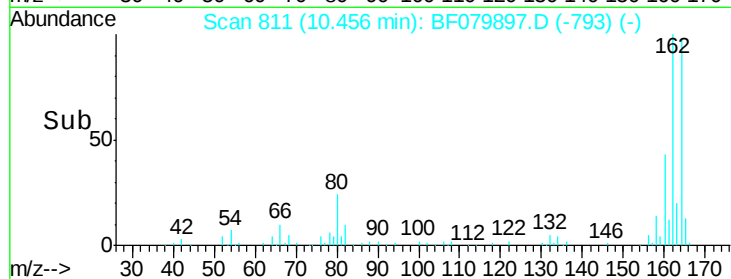
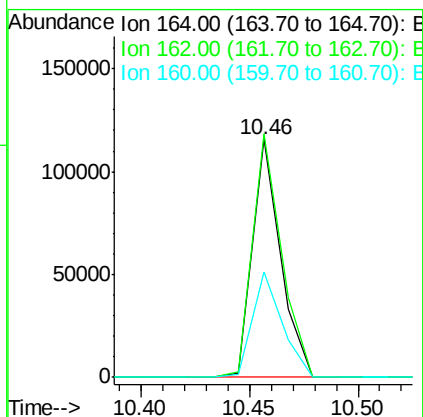
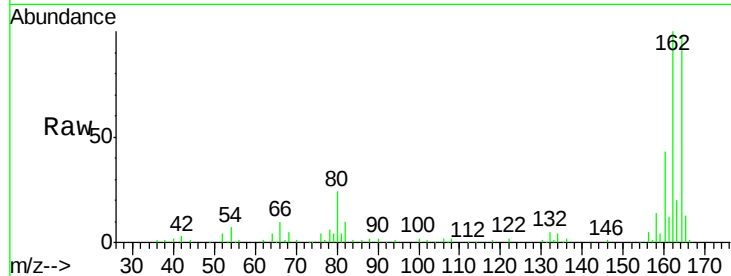




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF079897.D
 Acq: 11 Jun 2015 16:06

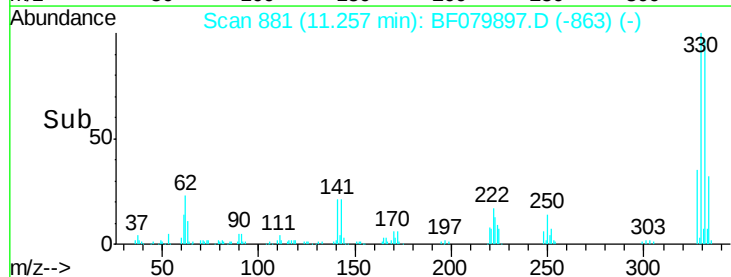
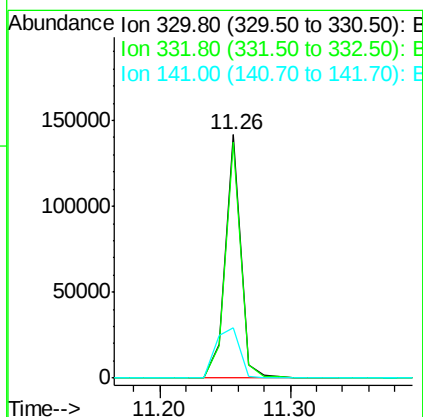
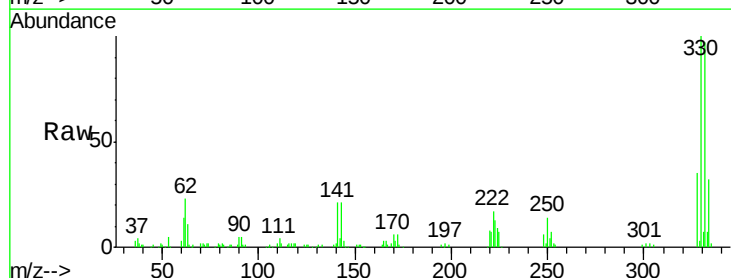
Instrument :
 BNA_F
 ClientSampleId :
 PB83888BL

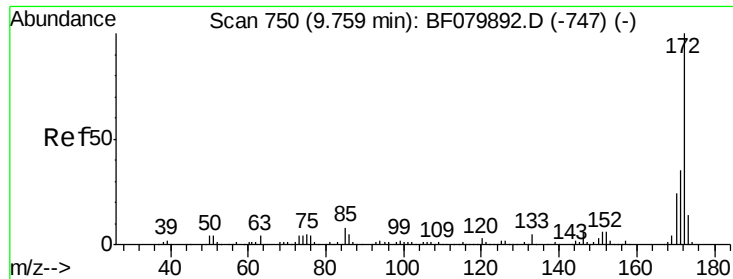
Tgt Ion:164 Resp: 103890
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.7 121.1
 160 44.0 34.6 51.8



#41
 2,4,6-Tribromophenol
 Concen: 127.62 ng
 RT: 11.26 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF079897.D
 Acq: 11 Jun 2015 16:06

Tgt Ion:330 Resp: 118333
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 32.3 26.8 40.2

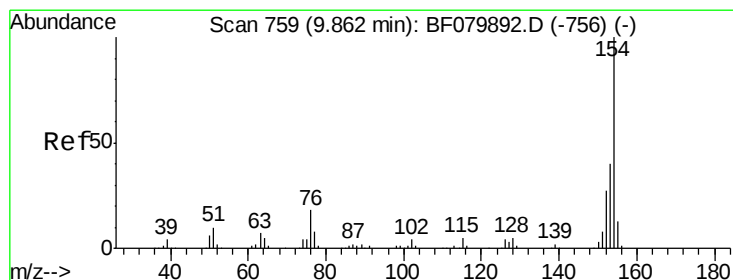
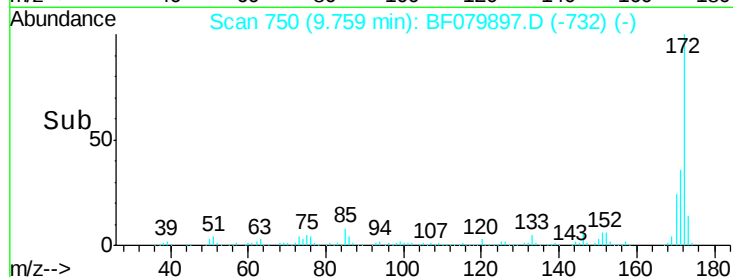
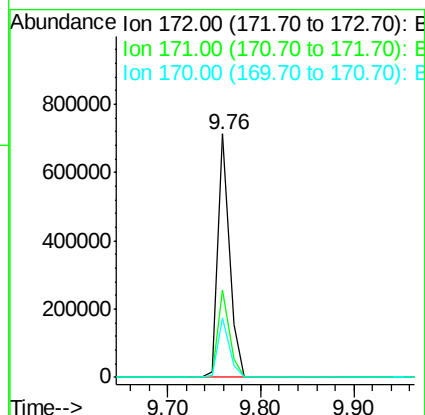
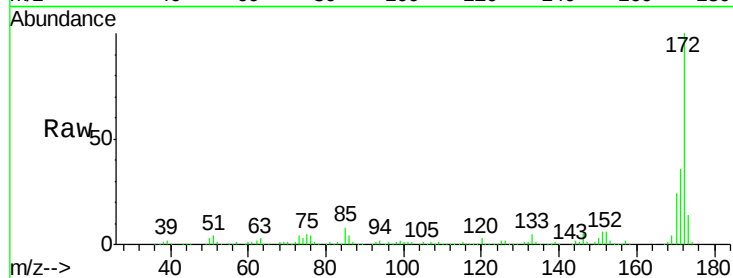




#44
 2-Fluorobiphenyl
 Concen: 82.81 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF079897.D
 Acq: 11 Jun 2015 16:06

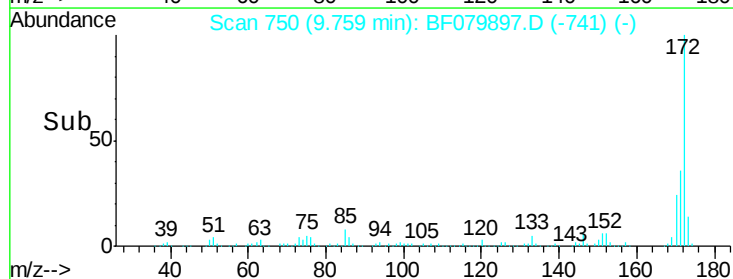
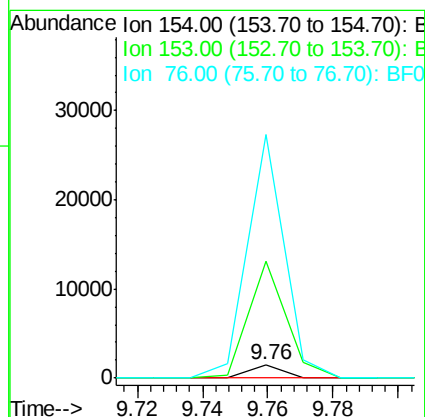
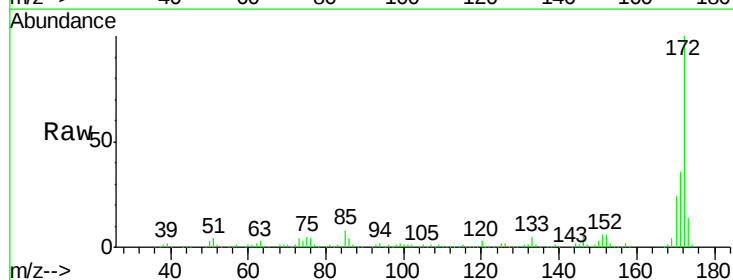
Instrument :
 BNA_F
 ClientSampleId :
 PB83888BL

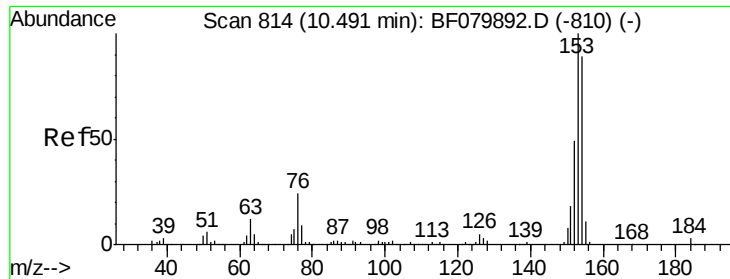
Tgt Ion:172 Resp: 610430
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.3 42.5
 170 24.2 19.0 28.4



#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.10 min
 Lab File: BF079897.D
 Acq: 11 Jun 2015 16:06

Tgt Ion:154 Resp: 1059
 Ion Ratio Lower Upper
 154 100
 153 847.4 20.1 60.1#
 76 1767.8 0.0 38.4#





#51

Acenaphthene

Concen: 0.04 ng

RT: 10.46 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

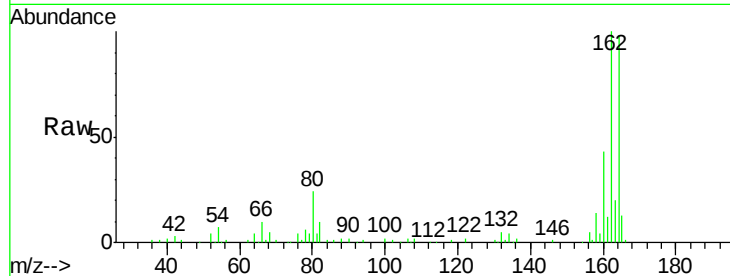
Tgt Ion:154 Resp: 250

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

152 0.0 43.7 65.5#



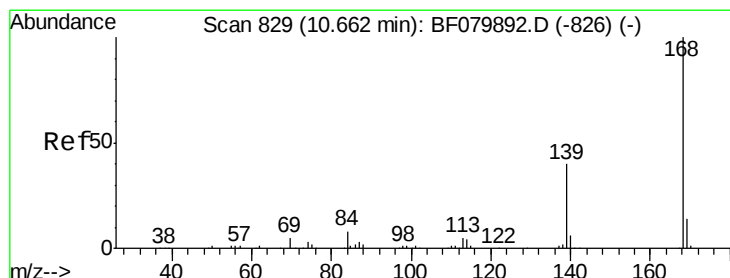
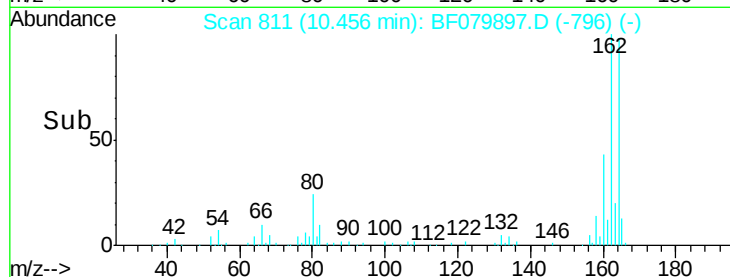
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

10.46

Time-->



#54

Dibenzofuran

Concen: 0.02 ng

RT: 10.66 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

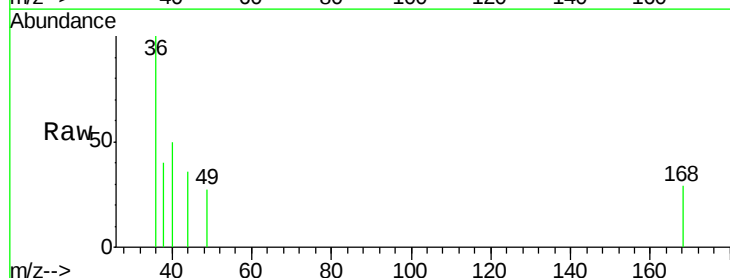
Tgt Ion:168 Resp: 226

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

169 0.0 11.0 16.6#



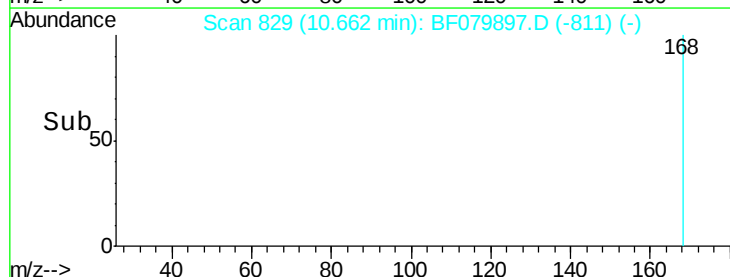
Abundance Ion 168.00 (167.70 to 168.70): E

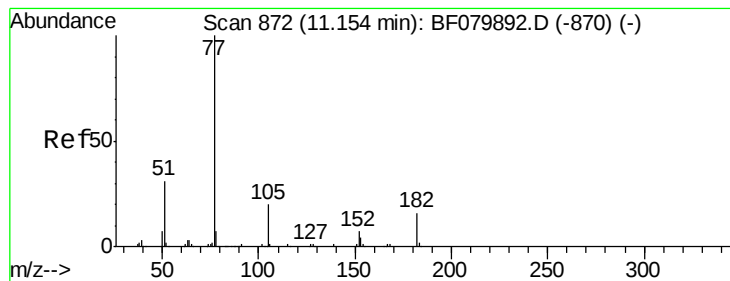
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

10.66

Time-->





#62

Azobenzene

Concen: 0.08 ng

RT: 11.25 min Scan# 880

Delta R.T. 0.09 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

Tgt Ion: 77 Resp: 615

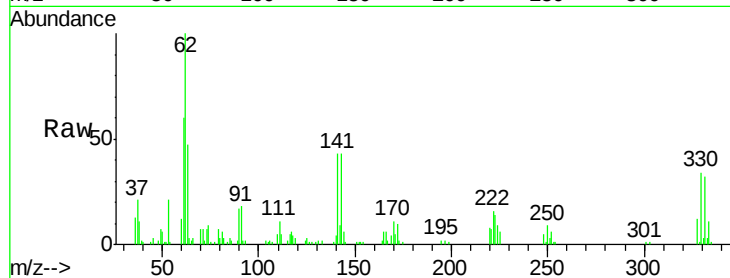
Ion Ratio Lower Upper

77 100

182 0.0 0.0 35.9

105 63.9 0.1 40.1#

51 107.9 11.5 51.5#

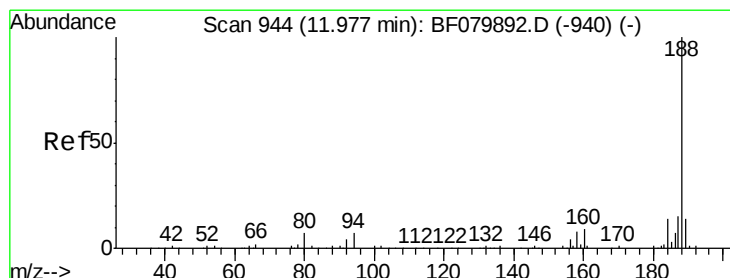
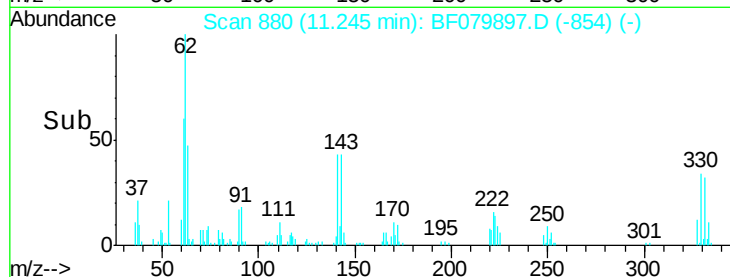
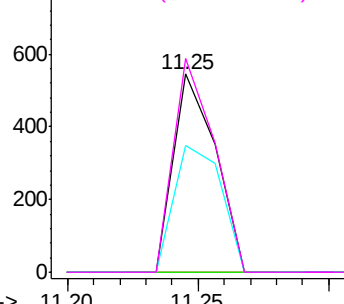


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.97 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

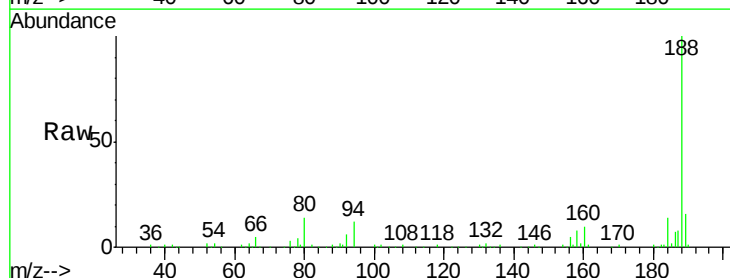
Tgt Ion: 188 Resp: 225098

Ion Ratio Lower Upper

188 100

94 12.0 5.8 8.8#

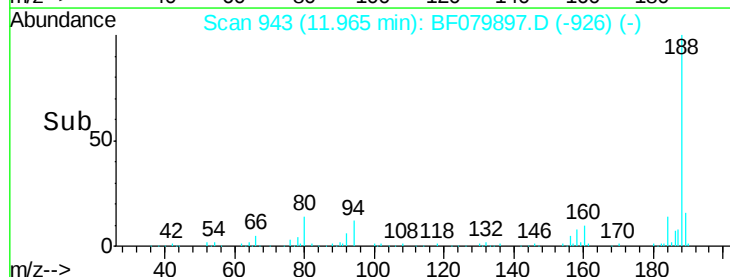
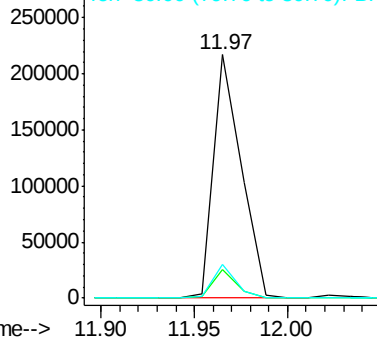
80 13.7 5.9 8.9#

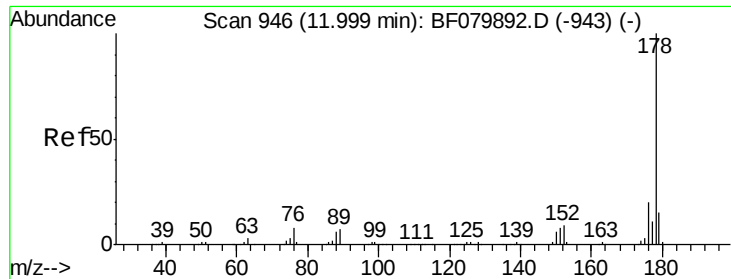


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 0.05 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

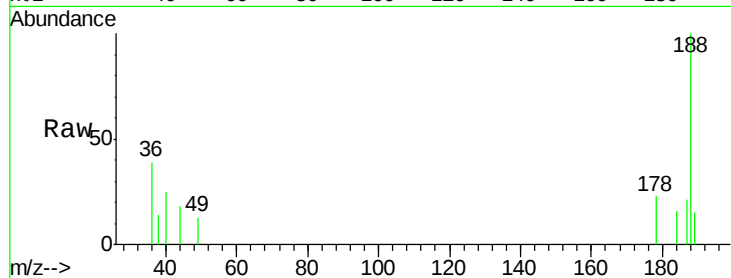
Tgt Ion:178 Resp: 690

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

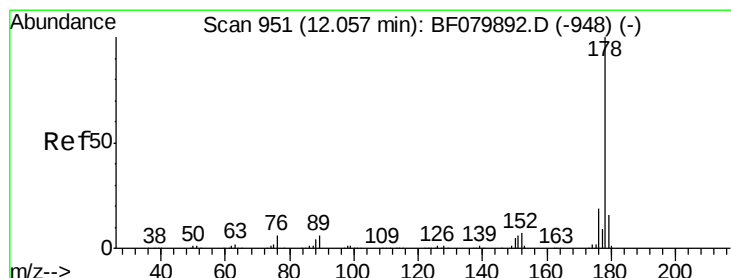
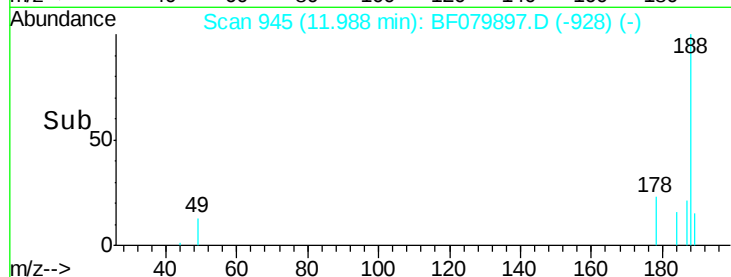
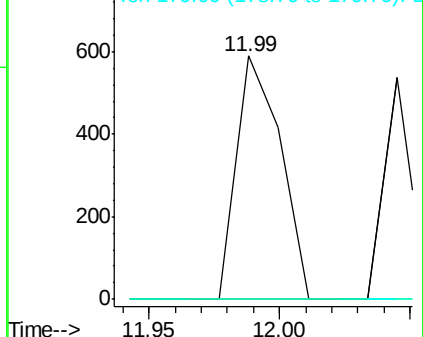
179 0.0 12.3 18.5#



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: 0.03 ng

RT: 12.05 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

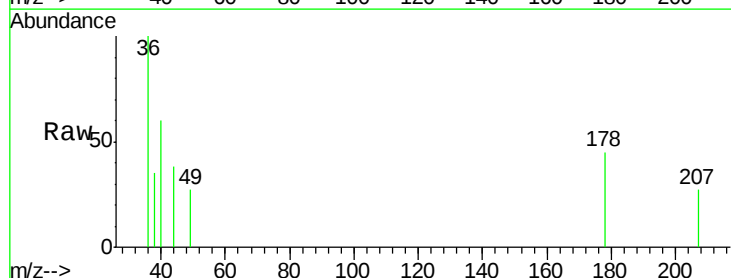
Tgt Ion:178 Resp: 370

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

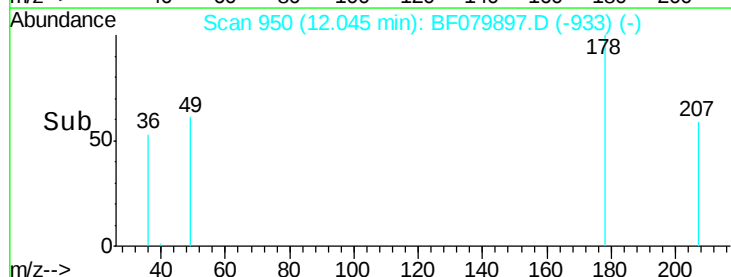
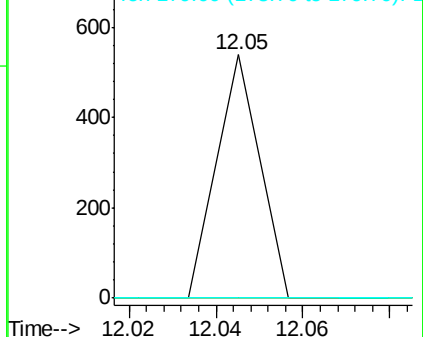
179 0.0 12.5 18.7#

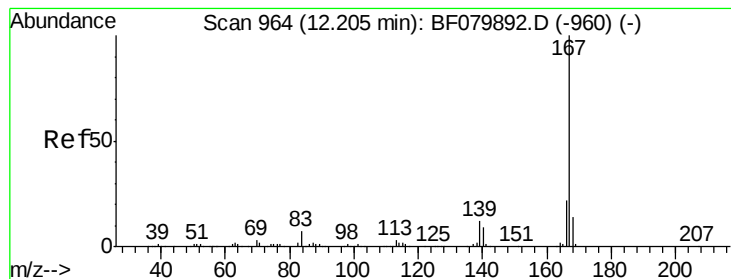


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.03 ng

RT: 12.19 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

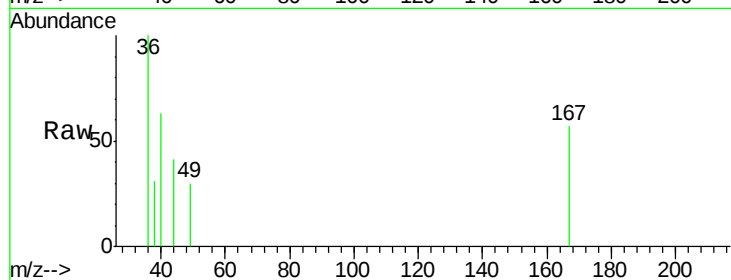
Tgt Ion:167 Resp: 433

Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

139 0.0 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

12.19

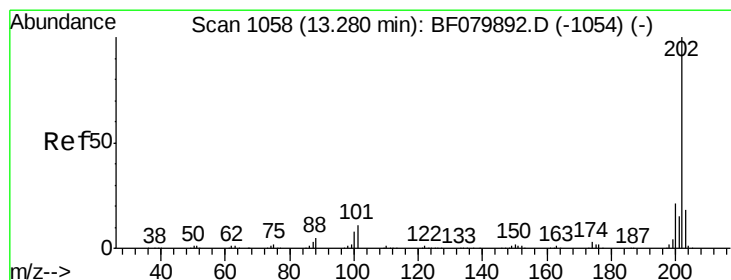
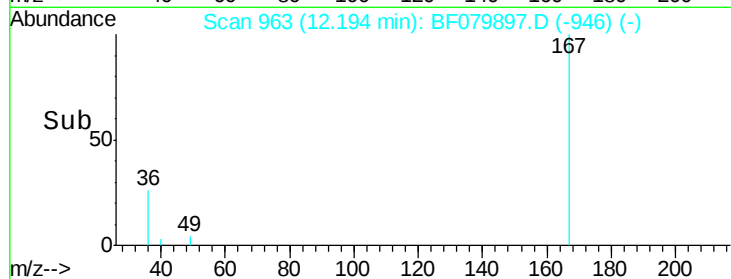
600

400

200

0

Time--> 12.15 12.20



#74

Fluoranthene

Concen: 0.05 ng

RT: 13.27 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

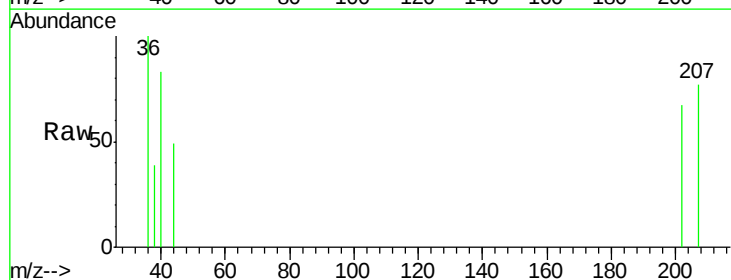
Tgt Ion:202 Resp: 757

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

203 0.0 0.0 38.0



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

13.27

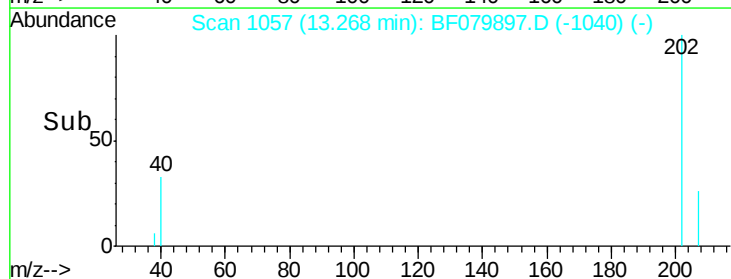
600

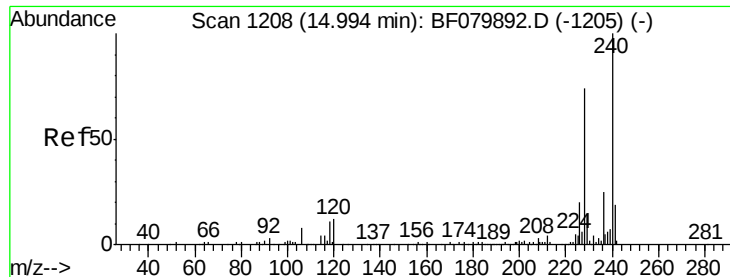
400

200

0

Time--> 13.25 13.30





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

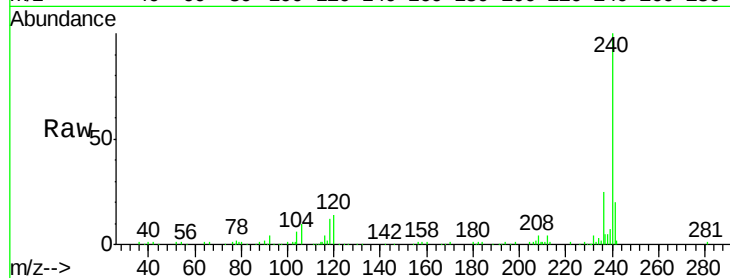
Tgt Ion:240 Resp: 250466

Ion Ratio Lower Upper

240 100

120 13.6 9.4 14.2

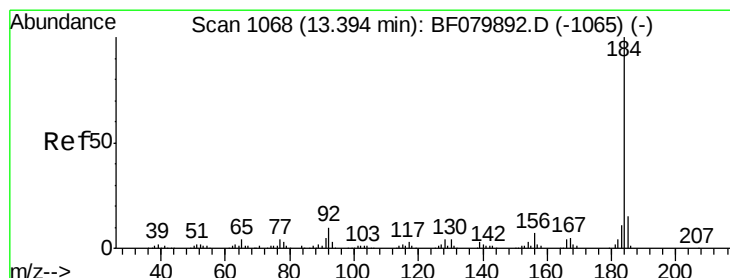
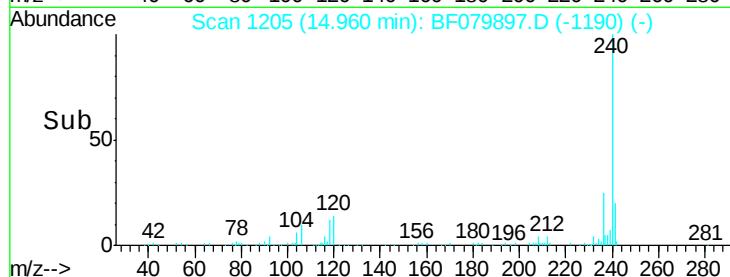
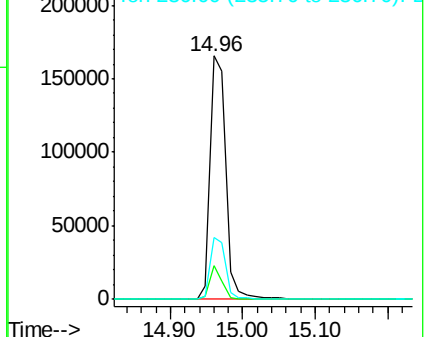
236 25.3 19.6 29.4



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



#76

Benzidine

Concen: 0.05 ng

RT: 13.38 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

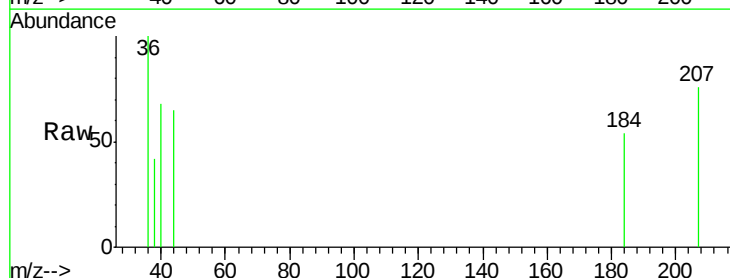
Tgt Ion:184 Resp: 398

Ion Ratio Lower Upper

184 100

185 0.0 11.8 17.6#

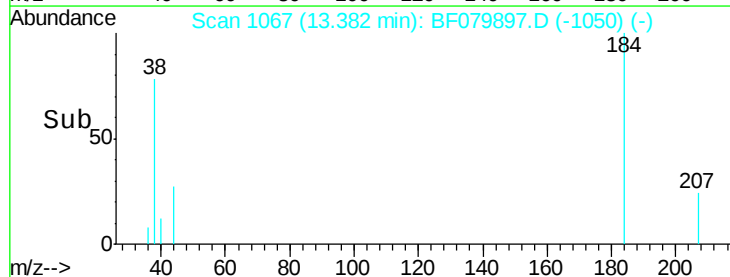
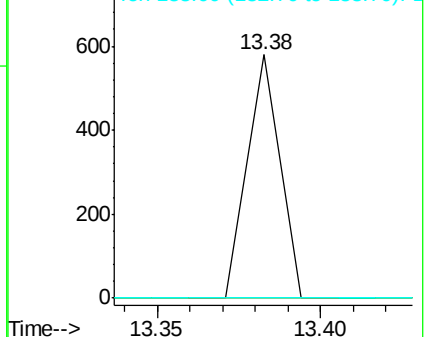
183 0.0 9.0 13.6#

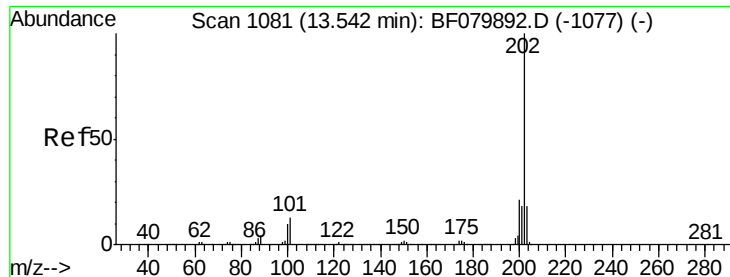


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.05 ng

RT: 13.52 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

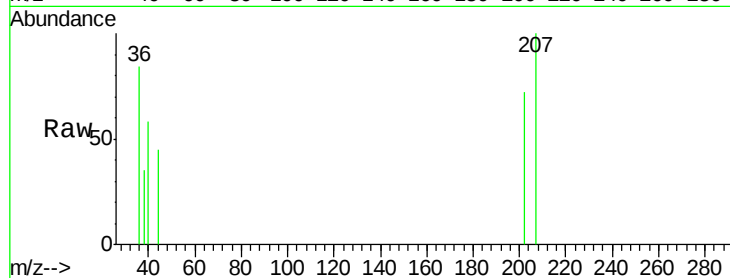
Tgt Ion:202 Resp: 848

Ion Ratio Lower Upper

202 100

200 0.0 16.8 25.2#

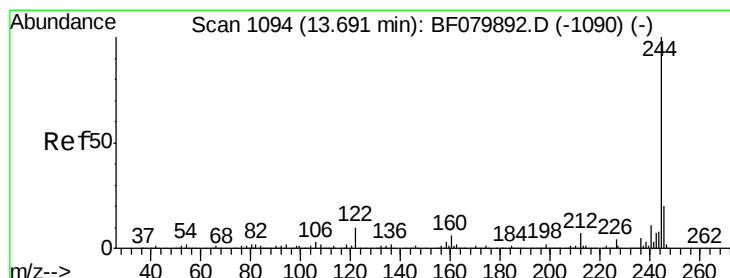
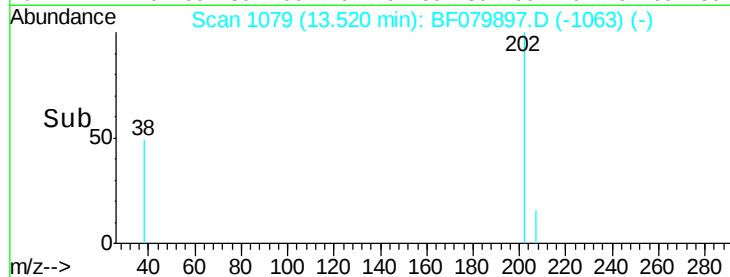
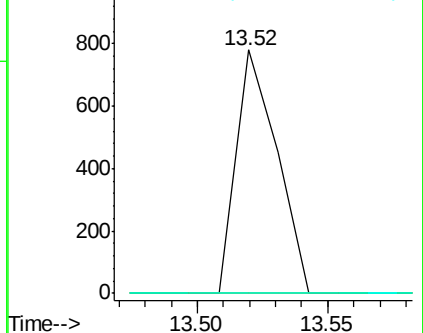
203 0.0 14.4 21.6#



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: 78.15 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

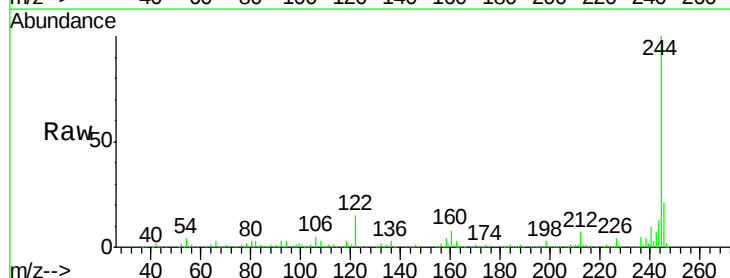
Tgt Ion:244 Resp: 861433

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

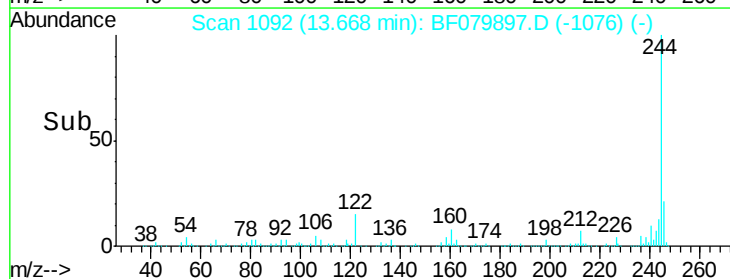
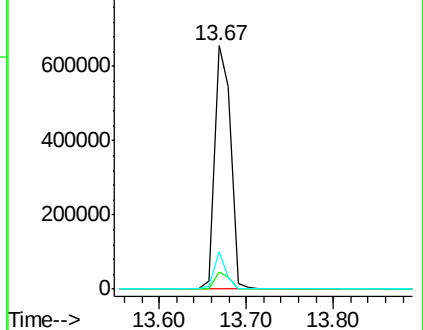
122 15.2 7.8 11.8#

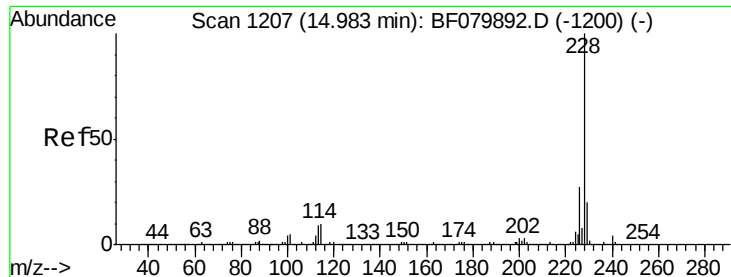


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.28 ng

RT: 14.99 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

Instrument :

BNA_F

ClientSampleId :

PB83888BL

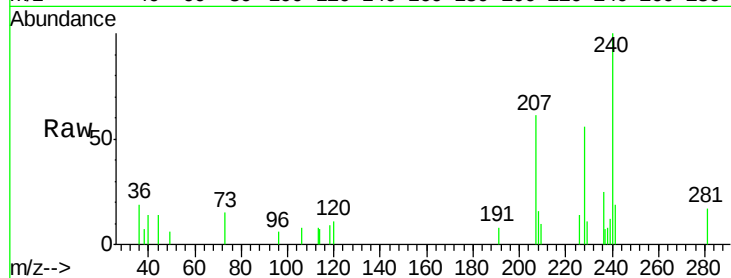
Tgt Ion:228 Resp: 4174

Ion Ratio Lower Upper

228 100

226 25.6 21.8 32.8

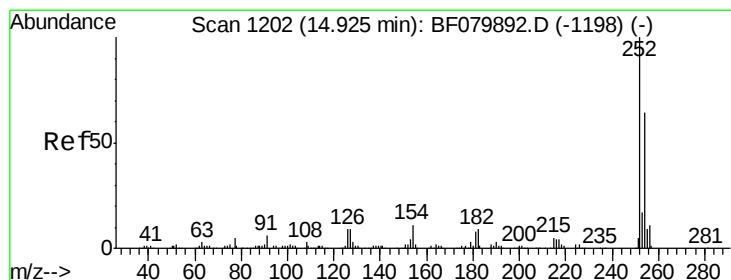
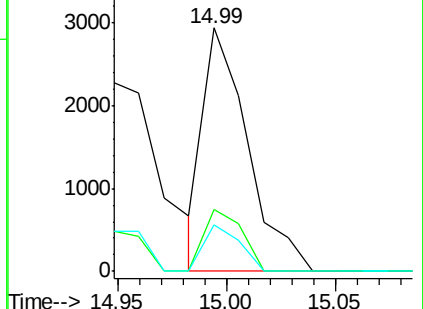
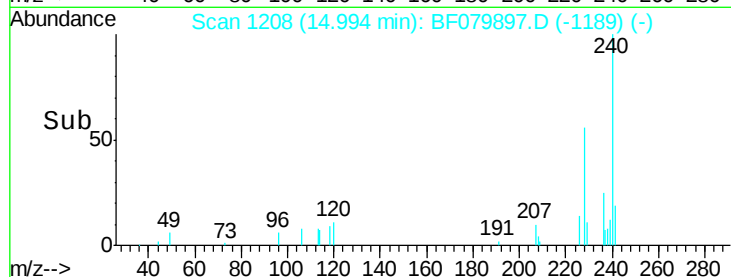
229 19.2 15.9 23.9



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: 0.13 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.03 min

Lab File: BF079897.D

Acq: 11 Jun 2015 16:06

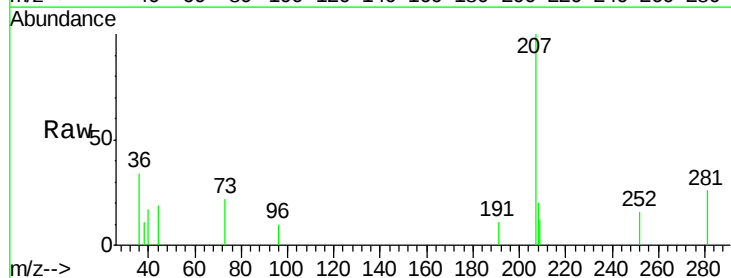
Tgt Ion:252 Resp: 593

Ion Ratio Lower Upper

252 100

254 0.0 51.1 76.7#

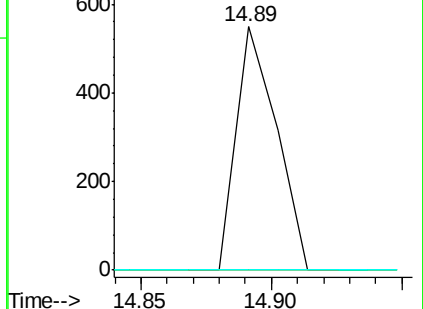
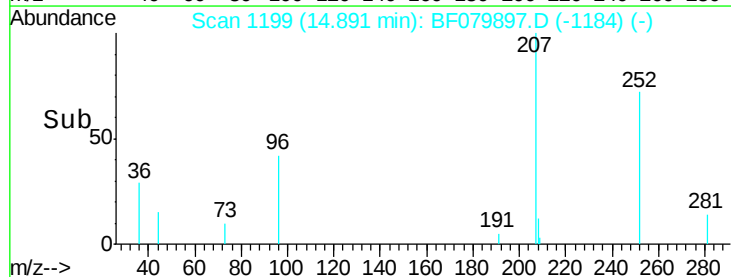
126 0.0 7.3 10.9#

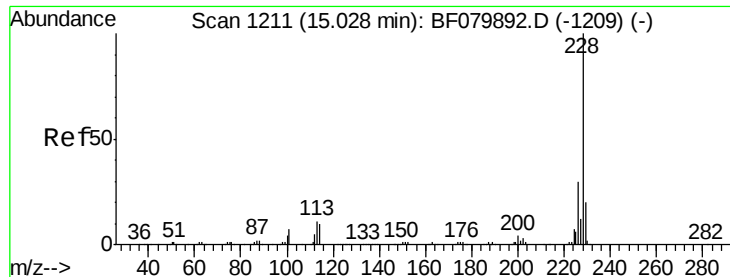


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

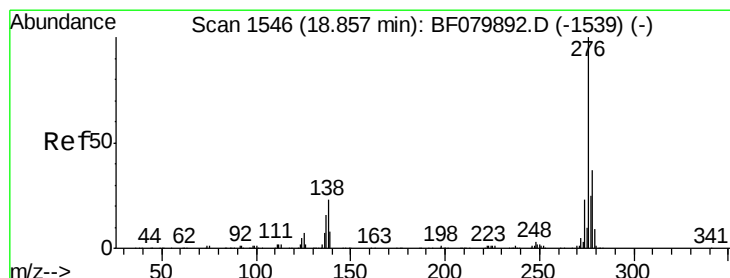
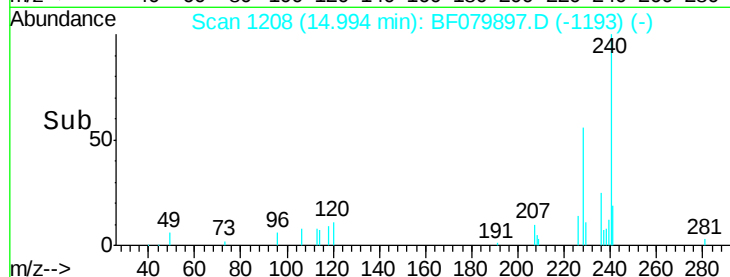
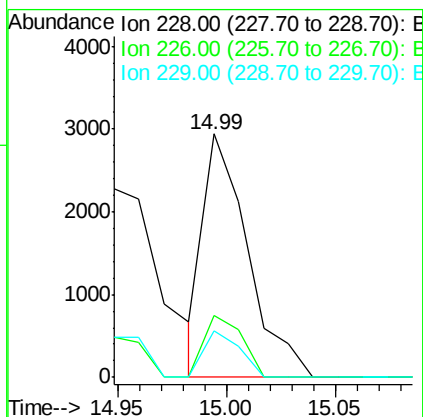
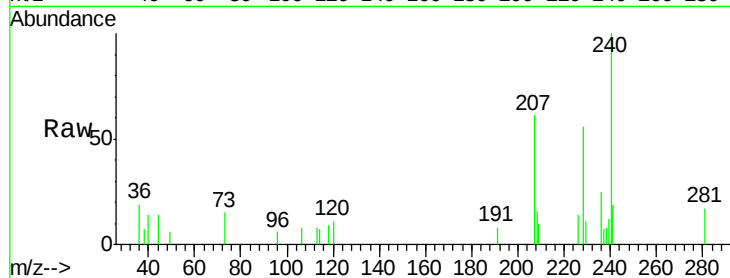




#82
Chrysene
Concen: 0.30 ng
RT: 14.99 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

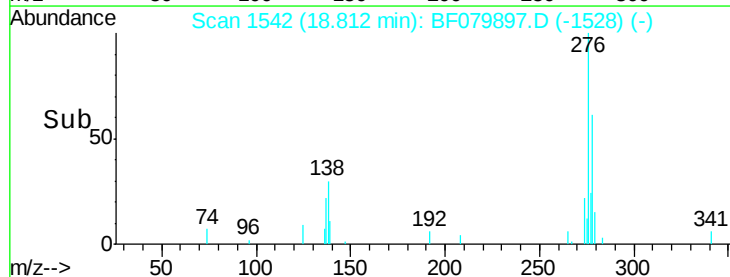
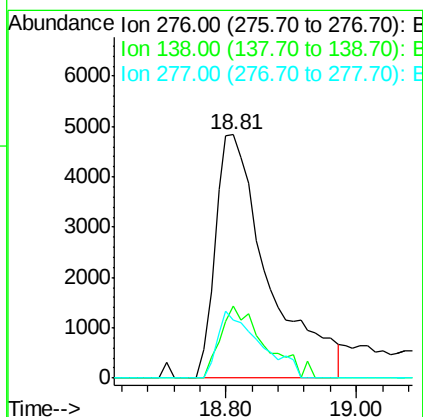
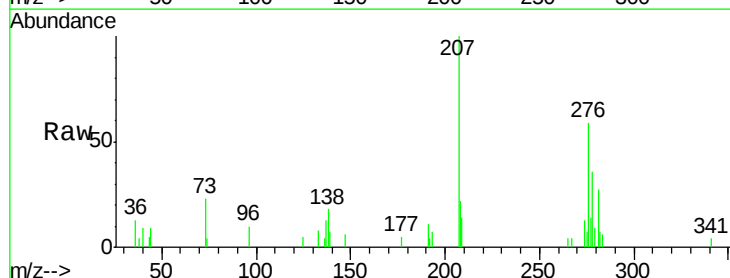
Instrument :
BNA_F
ClientSampleId :
PB83888BL

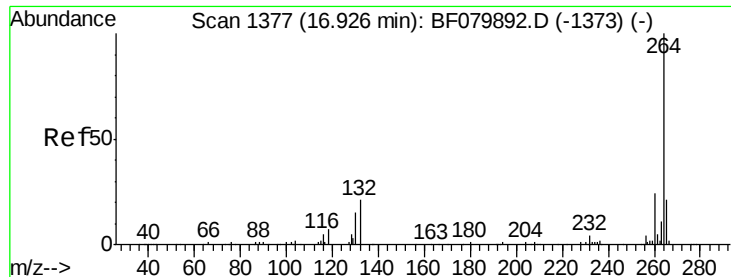
Tgt Ion: 228 Resp: 4174
Ion Ratio Lower Upper
228 100
226 25.6 23.9 35.9
229 19.2 16.1 24.1



#85
Indeno(1,2,3-cd)pyrene
Concen: 1.82 ng
RT: 18.81 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Tgt Ion: 276 Resp: 27071
Ion Ratio Lower Upper
276 100
138 24.9 21.0 31.4
277 22.0 19.9 29.9



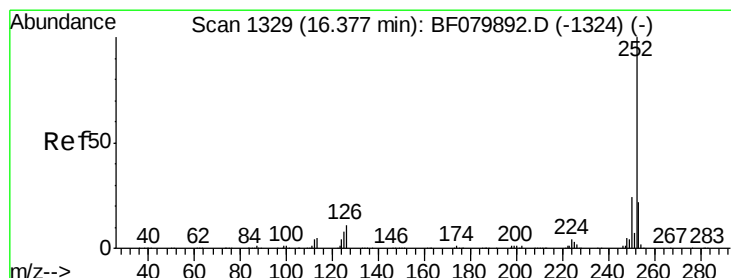
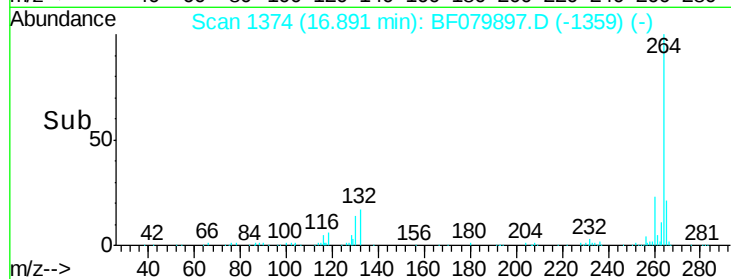
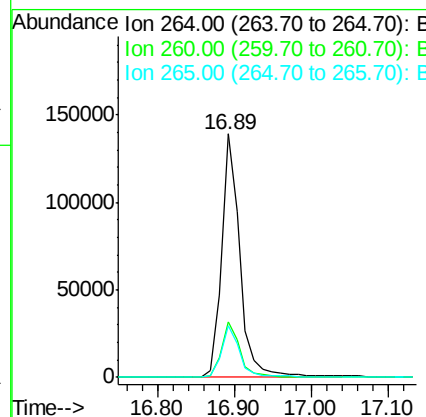
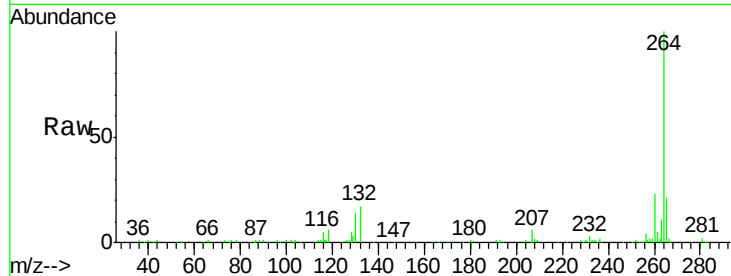


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.89 min Scan# 1374
Delta R.T. -0.03 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB83888BL

Tgt Ion: 264 Resp: 233516

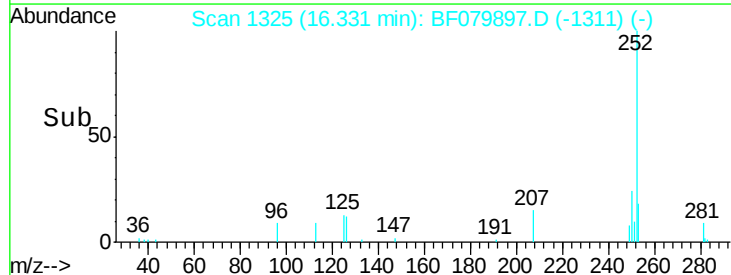
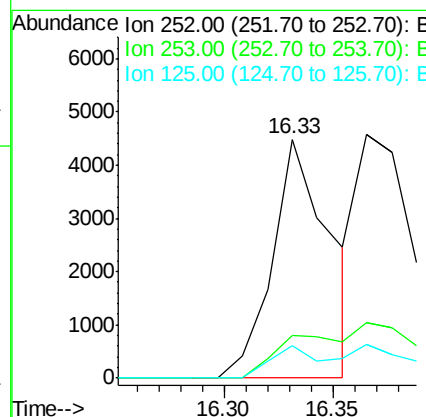
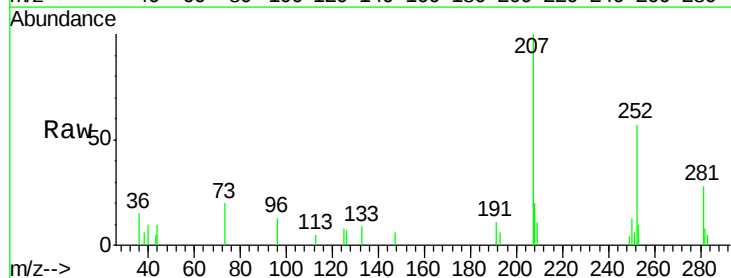
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	21.4	17.0	25.6

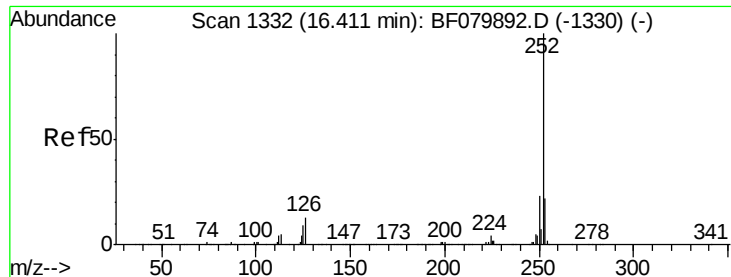


#87
Benzo(b)fluoranthene
Concen: 0.60 ng
RT: 16.33 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Tgt Ion: 252 Resp: 8266

Ion	Ratio	Lower	Upper
252	100		
253	17.7	17.8	26.6#
125	13.4	6.5	9.7#

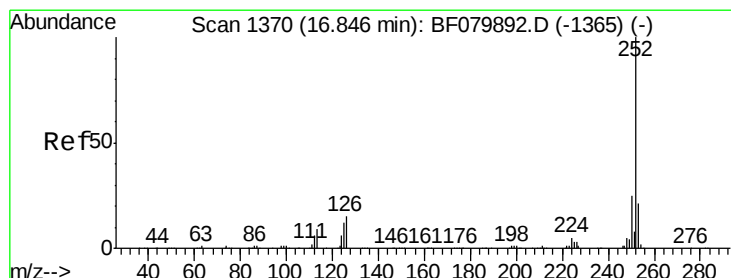
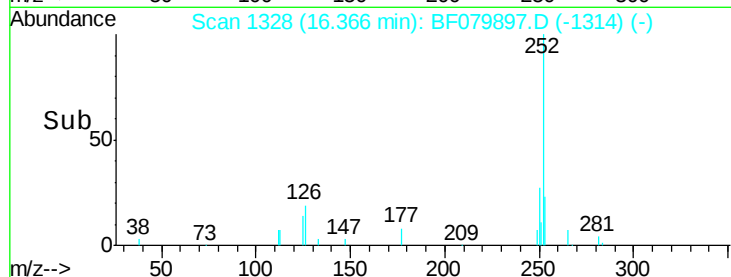
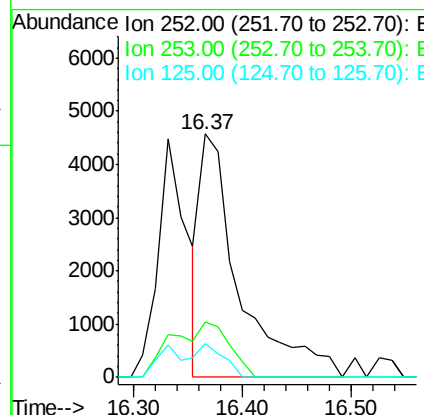
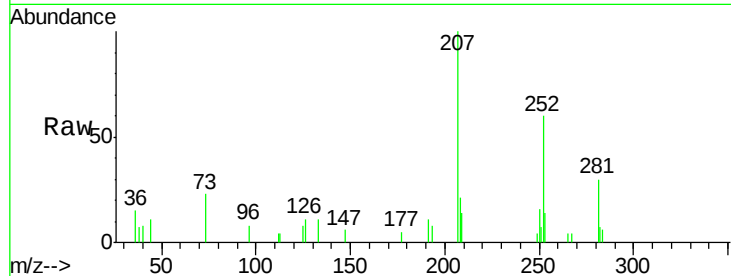




#88
Benzo(k)fluoranthene
Concen: 0.79 ng
RT: 16.37 min Scan# 1328
Delta R.T. -0.05 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

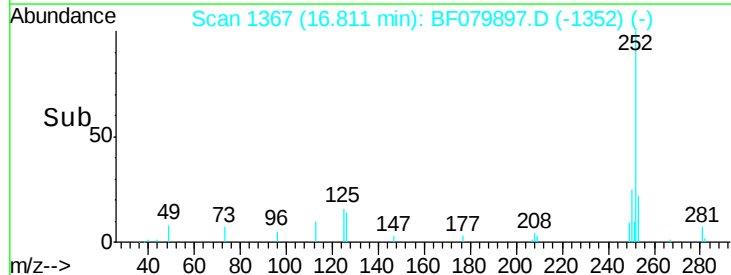
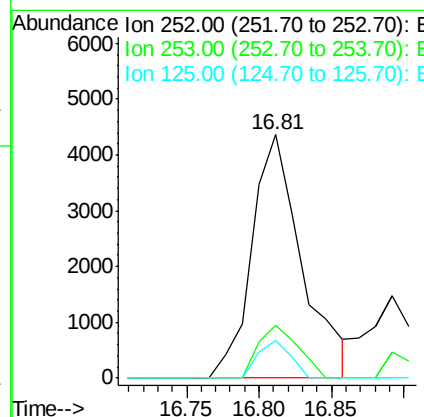
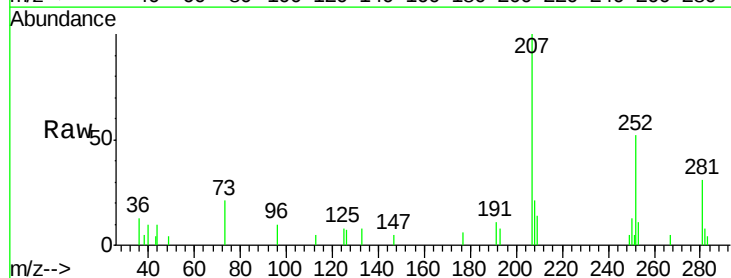
Instrument :
BNA_F
ClientSampleId :
PB83888BL

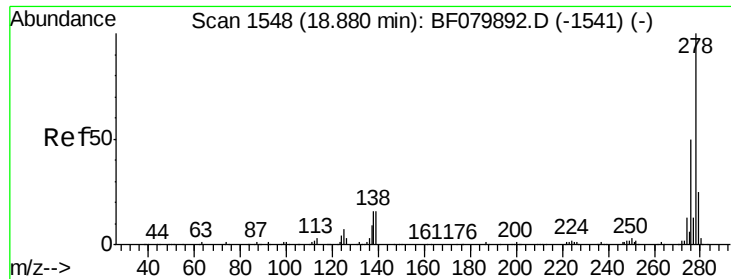
Tgt Ion: 252 Resp: 11482
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 13.6 7.4 11.0#



#89
Benzo(a)pyrene
Concen: 0.80 ng
RT: 16.81 min Scan# 1367
Delta R.T. -0.03 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Tgt Ion: 252 Resp: 10456
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 15.5 9.7 14.5#



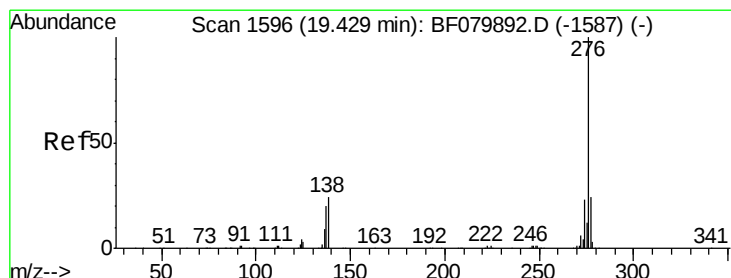
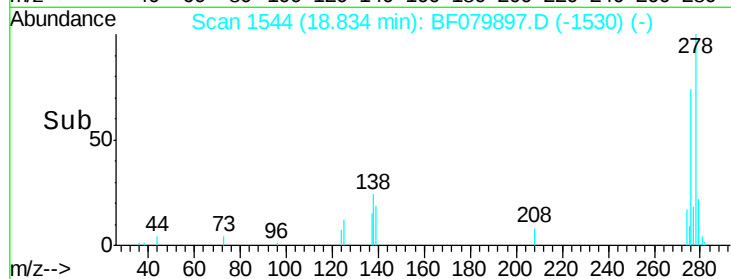
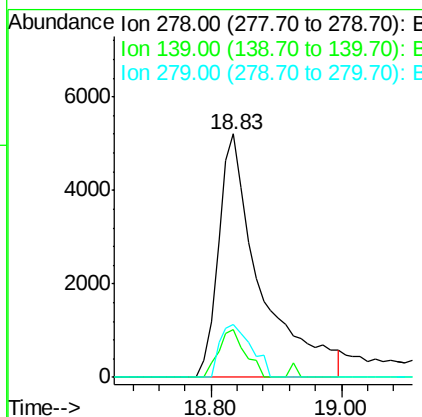
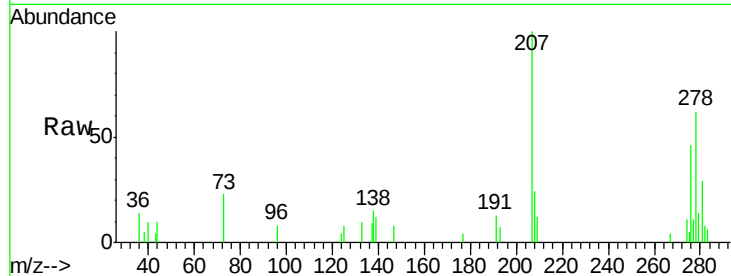


#90
Dibenzo(a,h)anthracene
Concen: 1.91 ng
RT: 18.83 min Scan# 1544
Delta R.T. -0.05 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Instrument :
BNA_F
ClientSampleId :
PB83888BL

Tgt Ion: 278 Resp: 23161

Ion	Ratio	Lower	Upper
278	100		
139	19.5	12.8	19.2#
279	21.9	19.7	29.5



#91
Benzo(g,h,i)perylene
Concen: 1.90 ng
RT: 19.38 min Scan# 1592
Delta R.T. -0.05 min
Lab File: BF079897.D
Acq: 11 Jun 2015 16:06

Tgt Ion: 276 Resp: 24337

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.4	29.2
138	21.4	19.1	28.7

