

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078491.D
 Acq On : 14 Apr 2015 7:59
 Operator : TP/IZ
 Sample : G1787-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02B

Quant Time: Apr 14 08:07:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

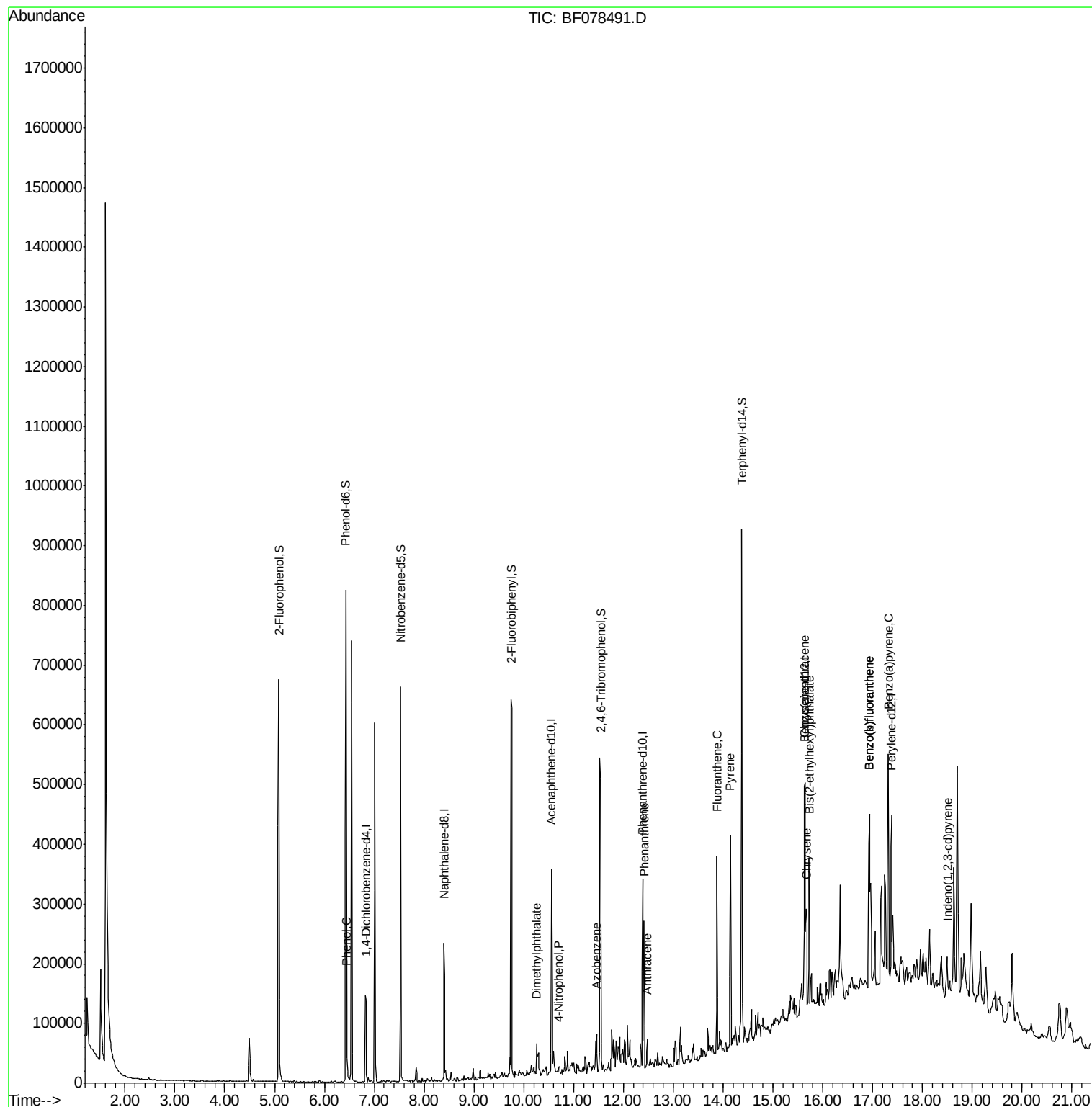
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	35432	20.00	ng	-0.05
21) Naphthalene-d8	8.40	136	143613	20.00	ng	-0.07
38) Acenaphthene-d10	10.56	164	71557	20.00	ng	-0.08
63) Phenanthrene-d10	12.39	188	138833	20.00	ng	-0.08
75) Chrysene-d12	15.65	240	145547	20.00	ng	-0.10
86) Perylene-d12	17.38	264	156405	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	273435	127.24	ng	-0.09
7) Phenol-d6	6.43	99	360486	133.85	ng	-0.04
23) Nitrobenzene-d5	7.53	82	206981	87.36	ng	-0.05
41) 2,4,6-Tribromophenol	11.54	330	89393	150.63	ng	-0.08
44) 2-Fluorobiphenyl	9.76	172	311936	62.31	ng	-0.05
78) Terphenyl-d14	14.38	244	343647	53.35	ng	-0.09
Target Compounds						Qvalue
10) Phenol	6.44	94	9451	2.93	ng	# 75
49) Dimethylphthalate	10.26	163	22982	4.27	ng	# 99
55) 4-Nitrophenol	10.71	139	235	3.01	ng	# 17
62) Azobenzene	11.46	77	13876	2.93	ng	# 1
70) Phenanthrene	12.41	178	100522	12.52	ng	100
71) Anthracene	12.48	178	17825	2.25	ng	97
74) Fluoranthene	13.87	202	143757	16.97	ng	95
77) Pyrene	14.15	202	137462	15.04	ng	# 92
80) Benzo(a)anthracene	15.63	228	115649	13.35	ng	99
82) Chrysene	15.68	228	82167	10.10	ng	97
83) Bis(2-ethylhexyl)phthalate	15.73	149	90165	16.51	ng	# 95
85) Indeno(1,2,3-cd)pyrene	18.50	276	33409	3.62	ng	99
87) Benzo(b)fluoranthene	16.94	252	261648	27.07	ng	# 94
88) Benzo(k)fluoranthene	16.94	252	262726	30.58	ng	97
89) Benzo(a)pyrene	17.31	252	175913	20.85	ng	# 94

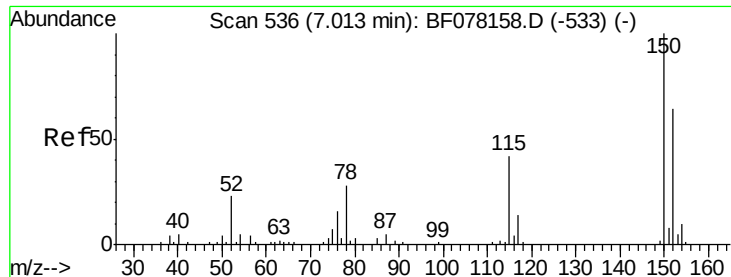
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078491.D
Acq On : 14 Apr 2015 7:59
Operator : TP/IZ
Sample : G1787-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SD02B

Quant Time: Apr 14 08:07:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration



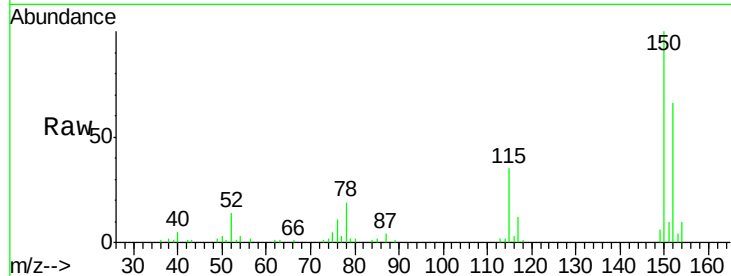


#1

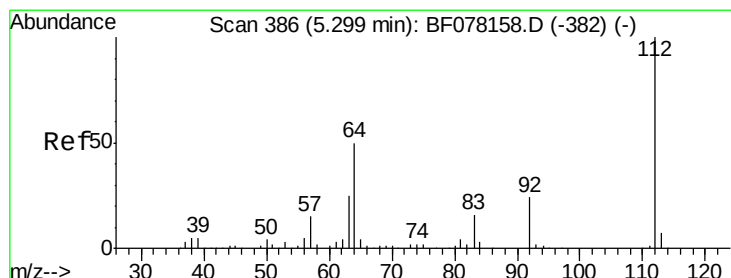
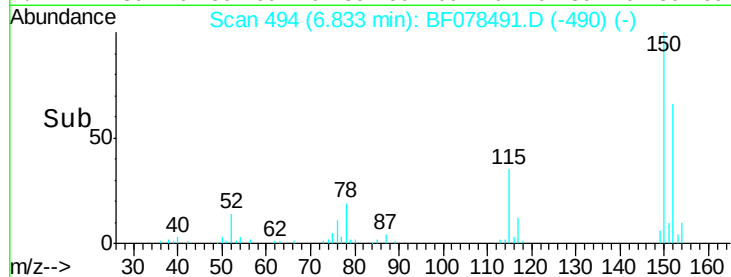
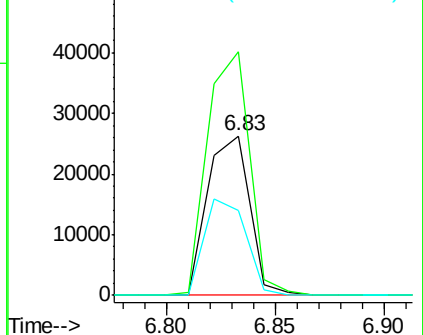
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Instrument :
BNA_F
ClientSampleId :
LS-SD02B

Tgt Ion:152 Resp: 35432
Ion Ratio Lower Upper
152 100
150 152.6 125.9 188.9
115 53.2 52.7 79.1



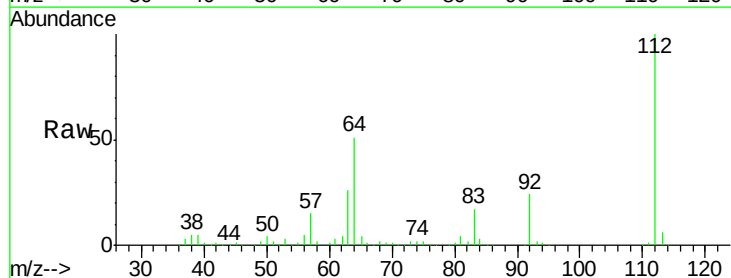
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



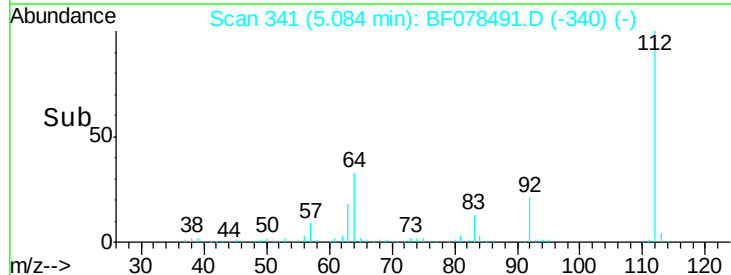
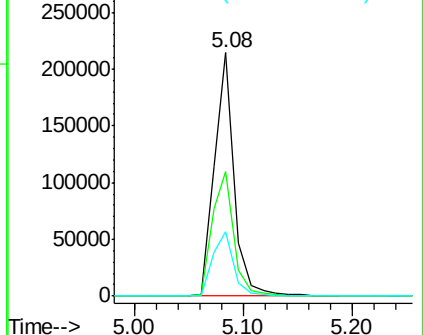
#5

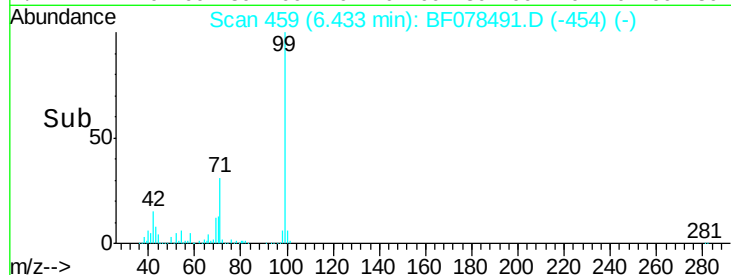
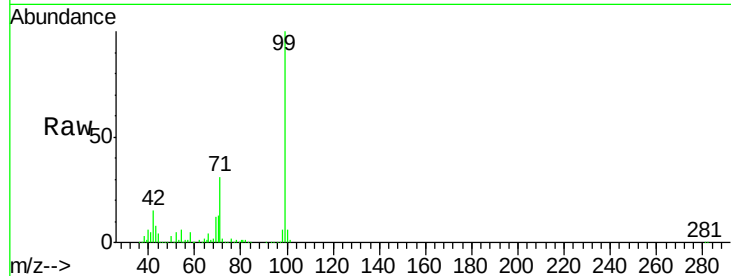
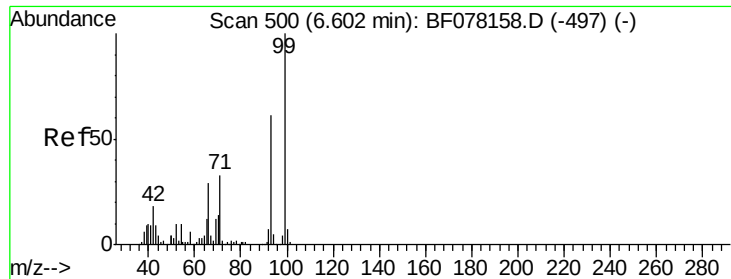
2-Fluorophenol
Concen: 127.24 ng
RT: 5.08 min Scan# 341
Delta R.T. -0.09 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Tgt Ion:112 Resp: 273435
Ion Ratio Lower Upper
112 100
64 51.2 39.9 59.9
63 26.5 20.2 30.4



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: 133.85 ng

RT: 6.43 min Scan# 459

Delta R.T. -0.04 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

Instrument :

BNA_F

ClientSampleId :

LS-SD02B

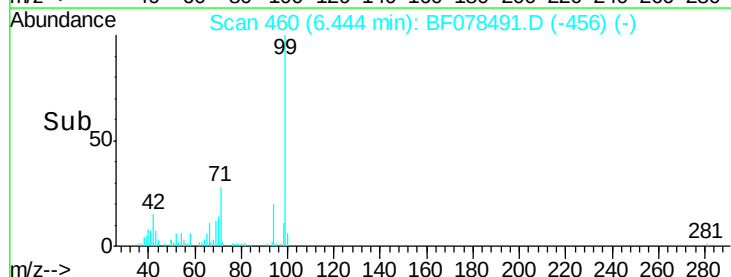
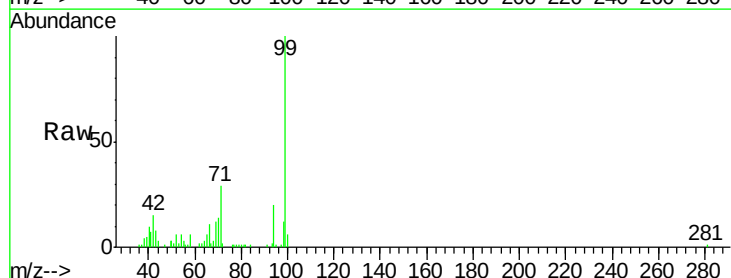
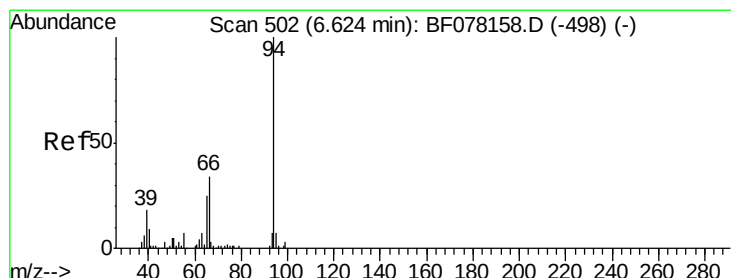
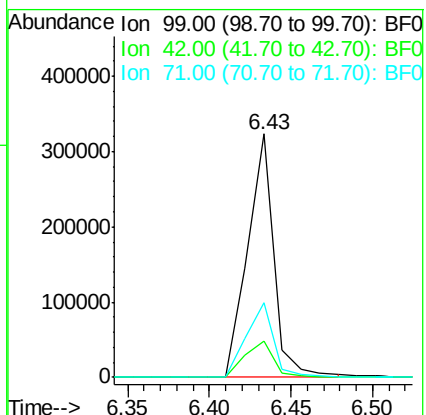
Tgt Ion: 99 Resp: 360486

Ion Ratio Lower Upper

99 100

42 15.1 14.8 22.2

71 30.5 26.6 39.8



#10

Phenol

Concen: 2.93 ng

RT: 6.44 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

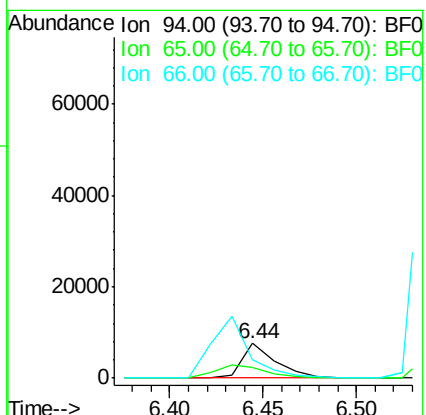
Tgt Ion: 94 Resp: 9451

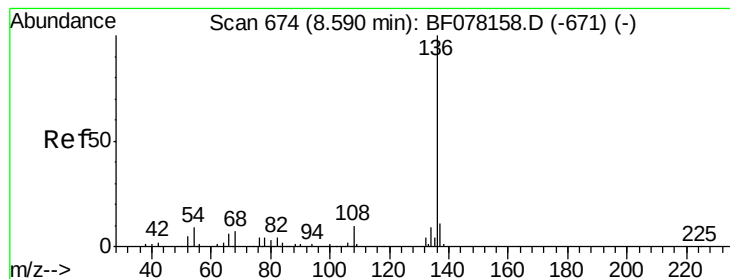
Ion Ratio Lower Upper

94 100

65 30.1 4.9 44.9

66 54.0 13.8 53.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.40 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

Instrument :

BNA_F

ClientSampleId :

LS-SD02B

Tgt Ion: 136 Resp: 143613

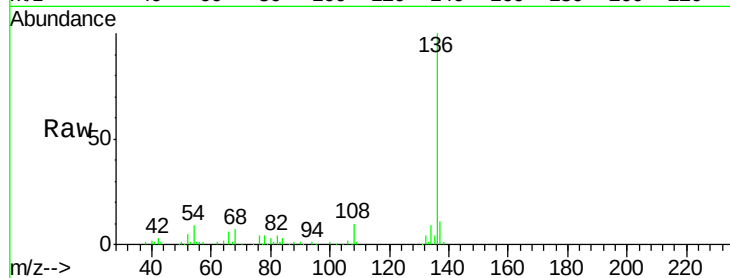
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 9.2 7.0 10.6

68 7.2 5.4 8.2

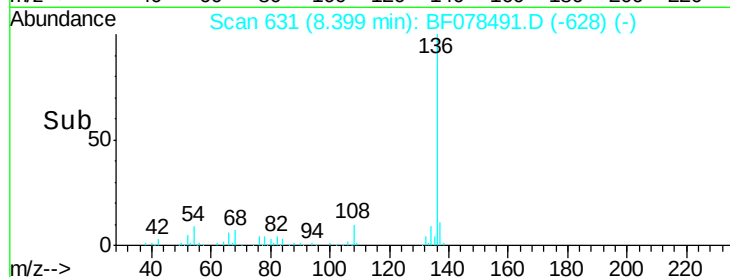


Abundance Ion 136.00 (135.70 to 136.70): E

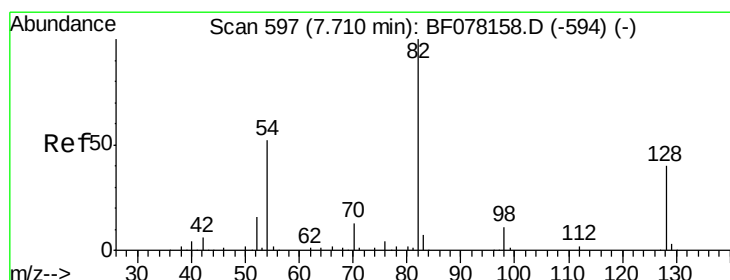
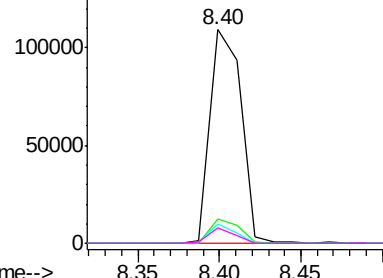
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 87.36 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

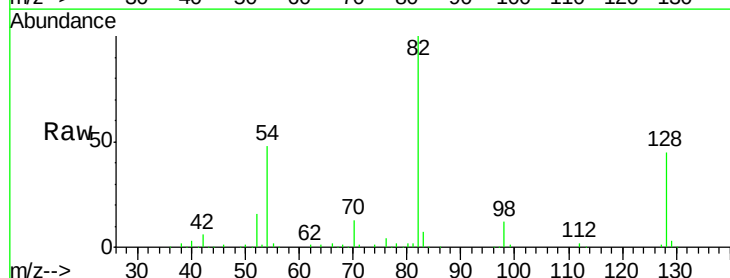
Tgt Ion: 82 Resp: 206981

Ion Ratio Lower Upper

82 100

128 45.4 31.8 47.8

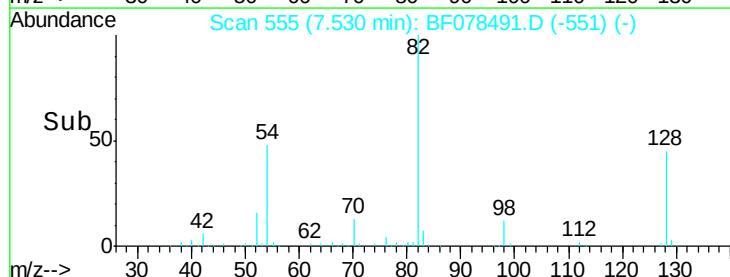
54 47.8 41.5 62.3



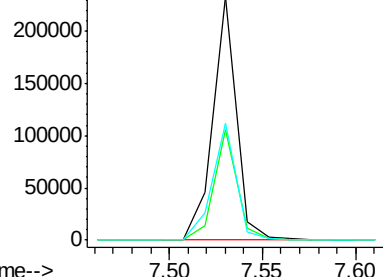
Abundance Ion 82.00 (81.70 to 82.70): BF0

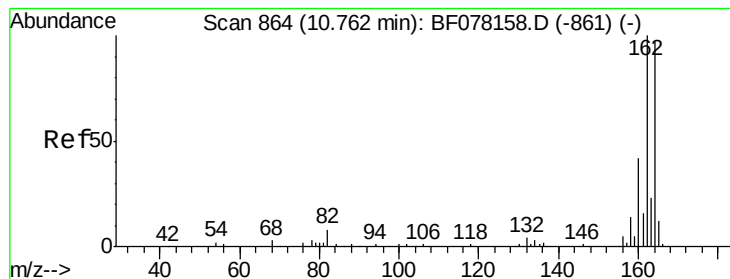
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.56 min Scan# 820

Delta R.T. -0.08 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

Instrument :

BNA_F

ClientSampleId :

LS-SD02B

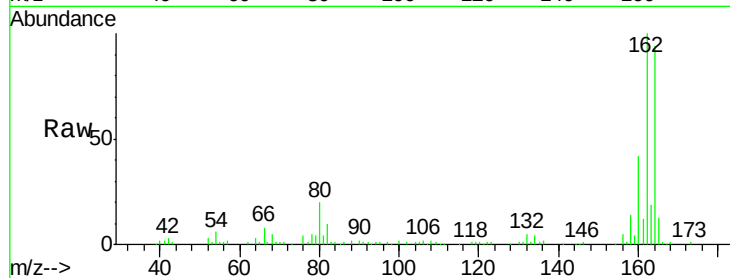
Tgt Ion:164 Resp: 71557

Ion Ratio Lower Upper

164 100

162 106.3 82.2 123.2

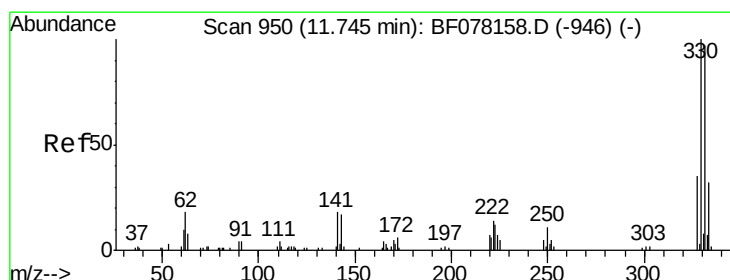
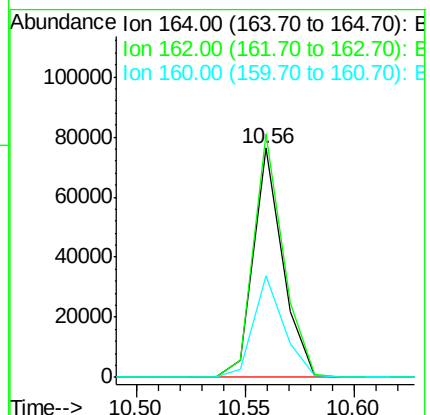
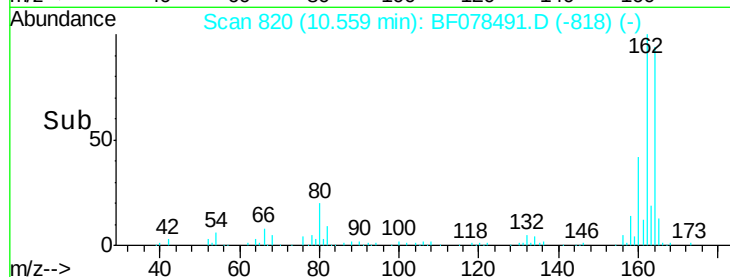
160 44.5 34.7 52.1



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: 150.63 ng

RT: 11.54 min Scan# 906

Delta R.T. -0.08 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

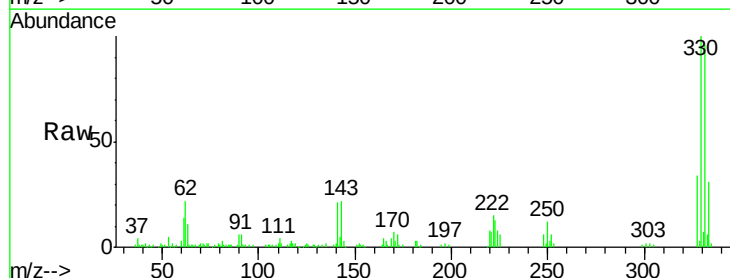
Tgt Ion:330 Resp: 89393

Ion Ratio Lower Upper

330 100

332 95.9 78.6 117.8

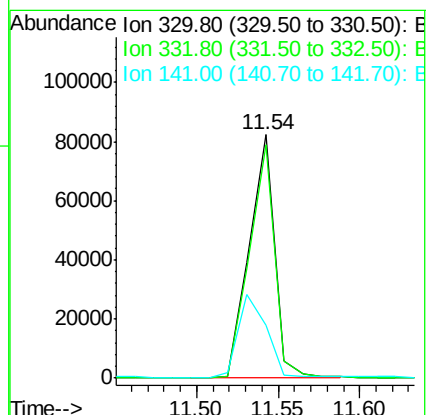
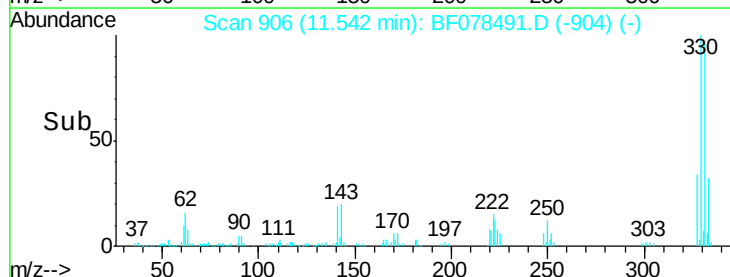
141 38.5 31.2 46.8

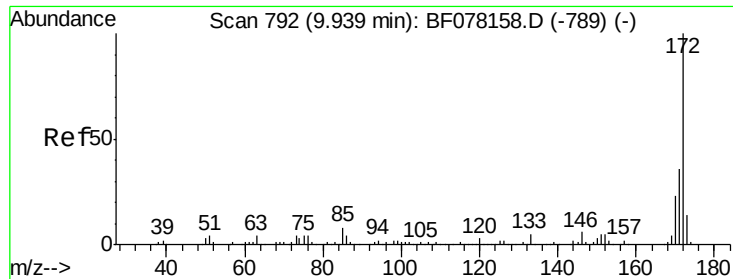


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

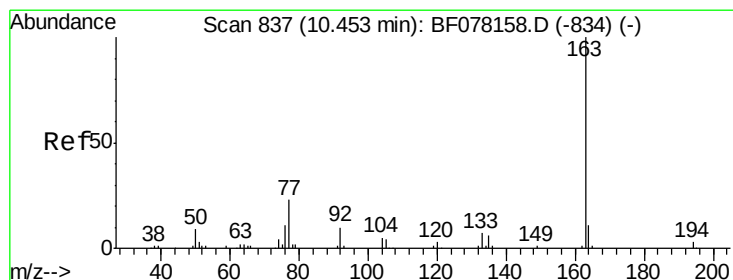
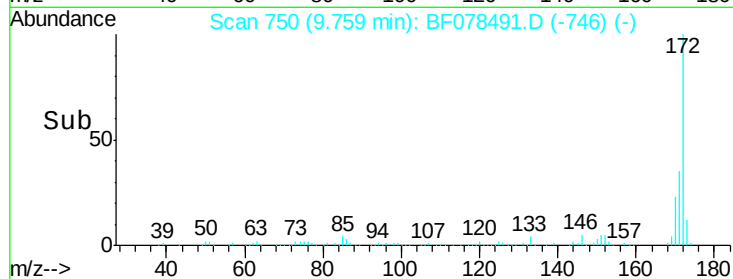
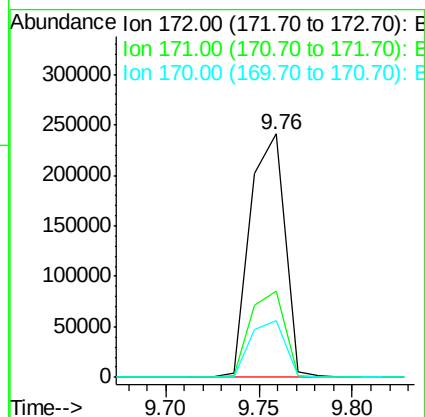
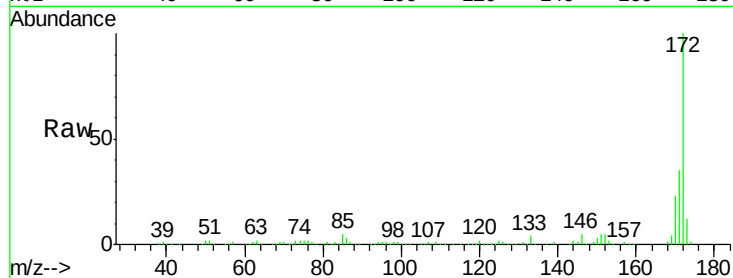




#44
 2-Fluorobiphenyl
 Concen: 62.31 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.05 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

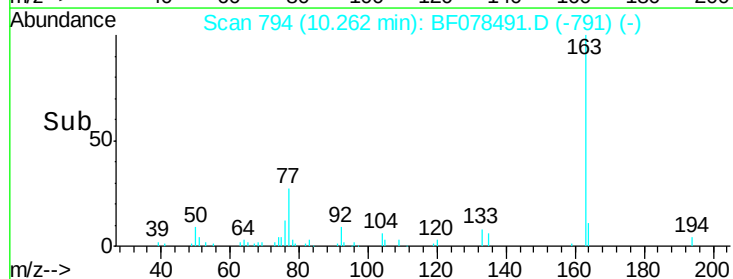
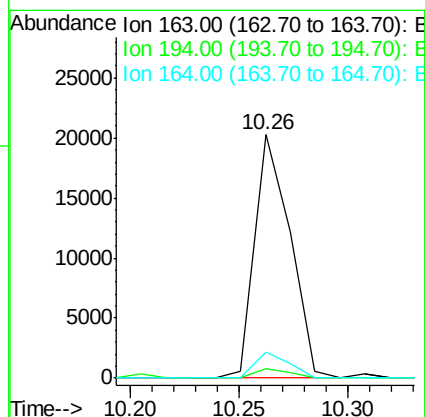
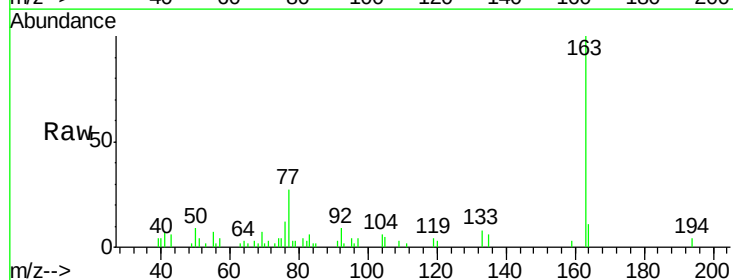
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02B

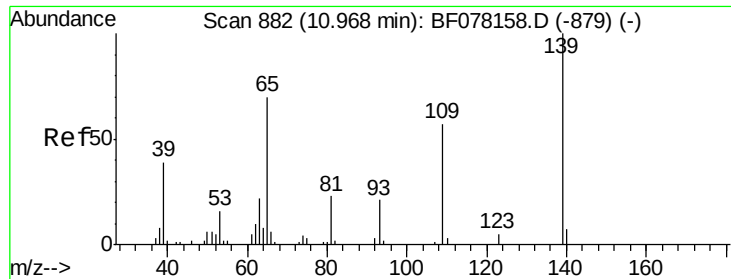
Tgt Ion:172 Resp: 311936
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.5 18.5 27.7



#49
 Dimethylphthalate
 Concen: 4.27 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.07 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

Tgt Ion:163 Resp: 22982
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.3 3.5#
 164 10.7 8.6 13.0

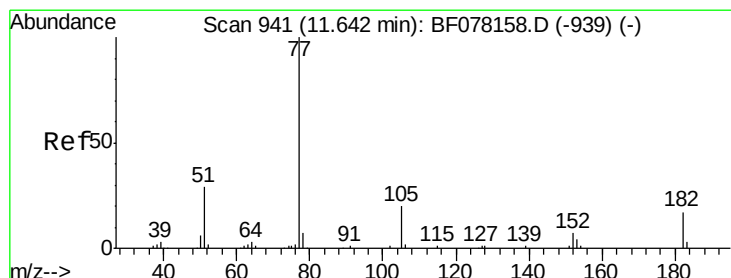
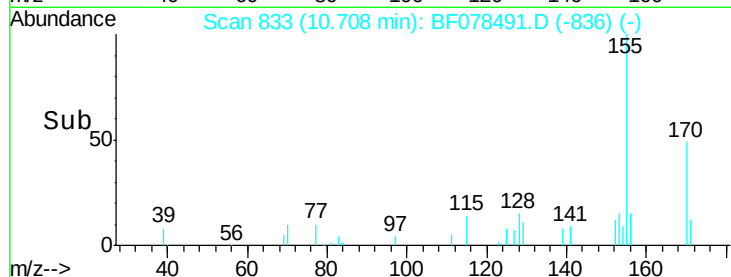
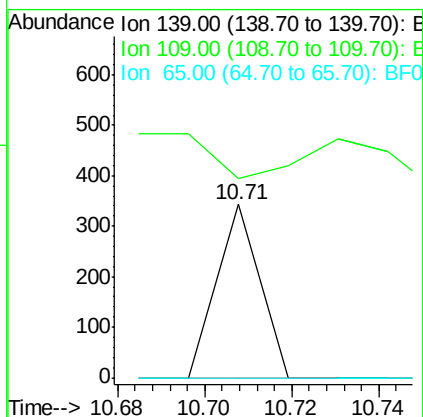
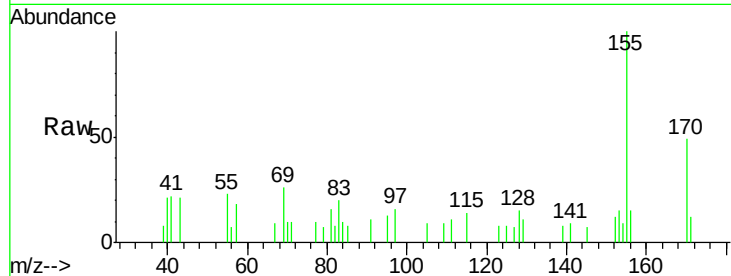




#55
4-Nitrophenol
Concen: 3.01 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.13 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

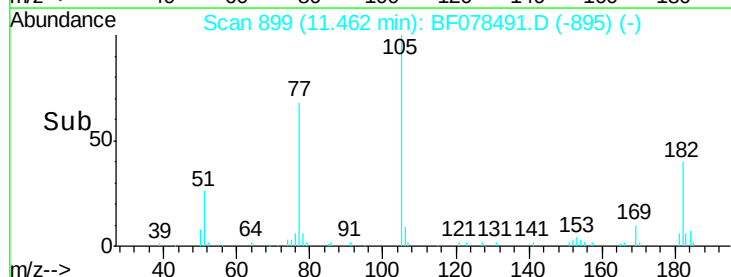
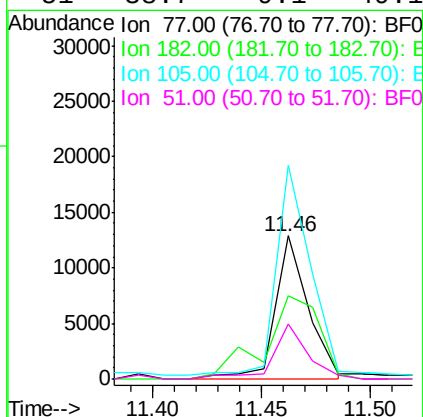
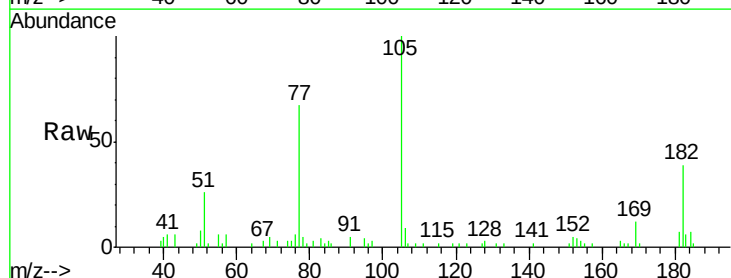
Instrument :
BNA_F
ClientSampleId :
LS-SD02B

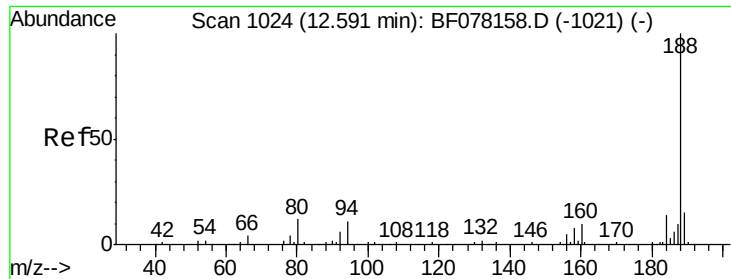
Tgt Ion: 139 Resp: 235
Ion Ratio Lower Upper
139 100
109 114.9 36.7 76.7#
65 0.0 49.9 89.9#



#62
Azobenzene
Concen: 2.93 ng
RT: 11.46 min Scan# 899
Delta R.T. -0.05 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Tgt Ion: 77 Resp: 13876
Ion Ratio Lower Upper
77 100
182 57.9 0.0 36.8#
105 149.3 0.3 40.3#
51 38.7 9.1 49.1

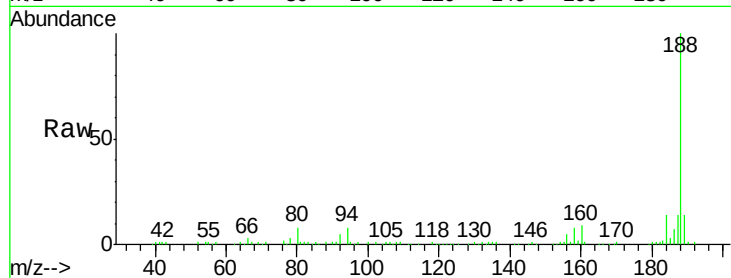




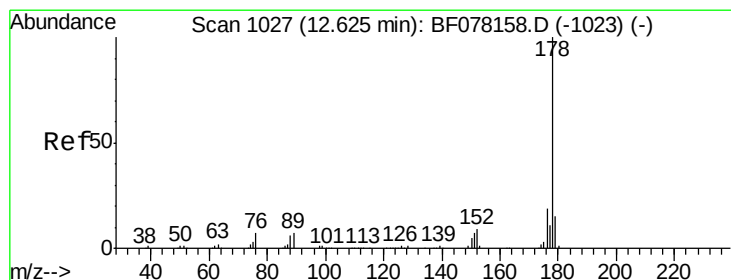
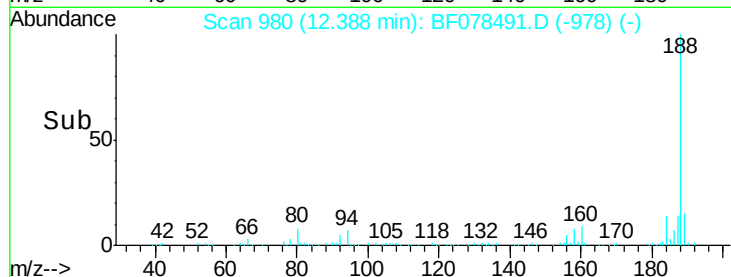
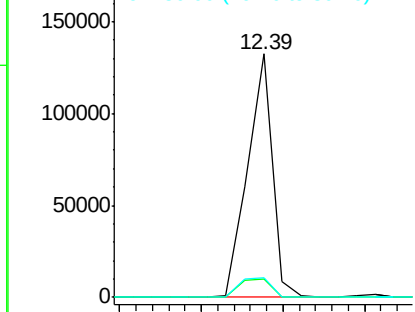
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Instrument :
BNA_F
ClientSampleId :
LS-SD02B

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	138833		
94	7.6	9.0	13.4#	
80	8.1	9.5	14.3#	

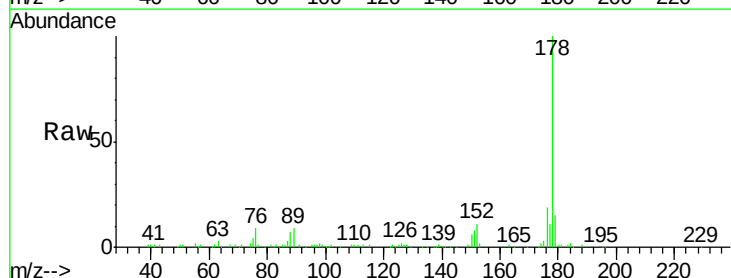


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

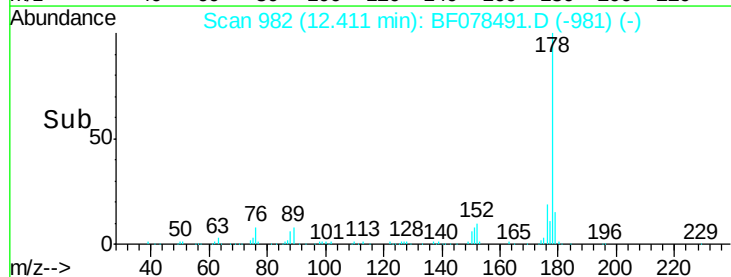
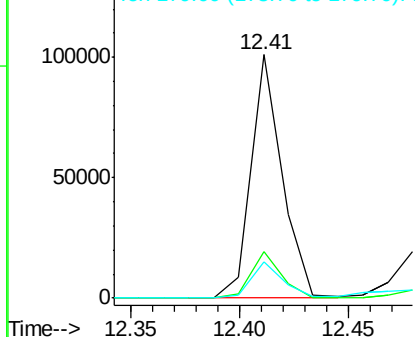


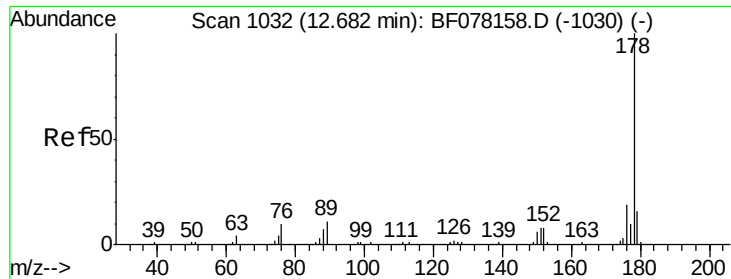
#70
Phenanthrene
Concen: 12.52 ng
RT: 12.41 min Scan# 982
Delta R.T. -0.09 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	100522		
176	19.0	15.4	23.0	
179	15.2	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

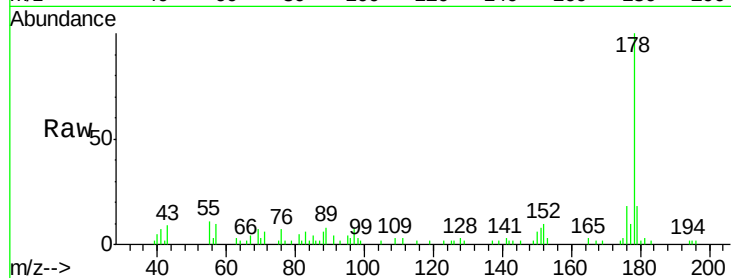




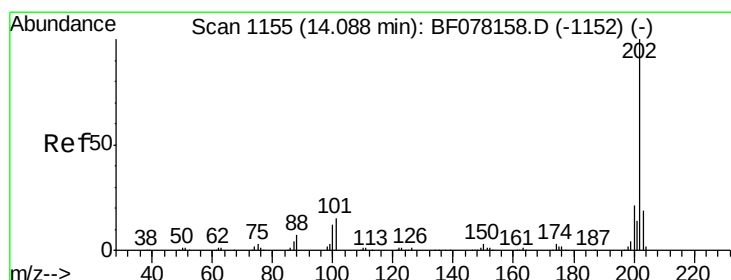
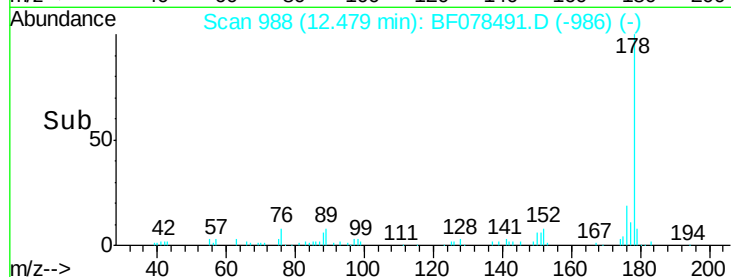
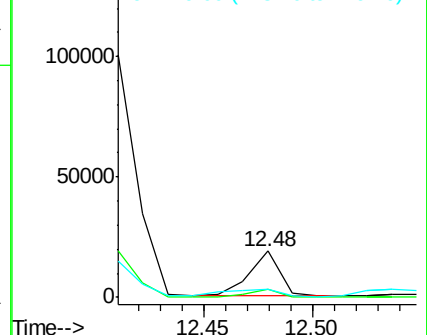
#71
 Anthracene
 Concen: 2.25 ng
 RT: 12.48 min Scan# 988
 Delta R.T. -0.08 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02B

Tgt Ion:178 Resp: 17825
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.8 22.2
 179 18.1 12.4 18.6

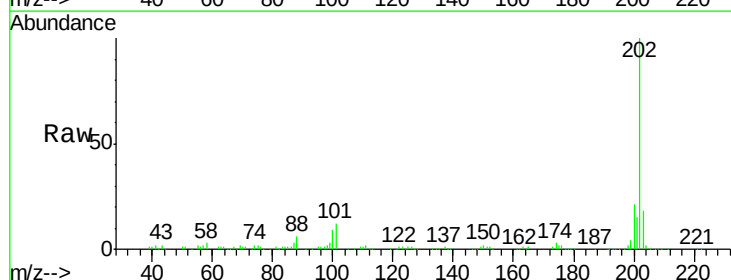


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

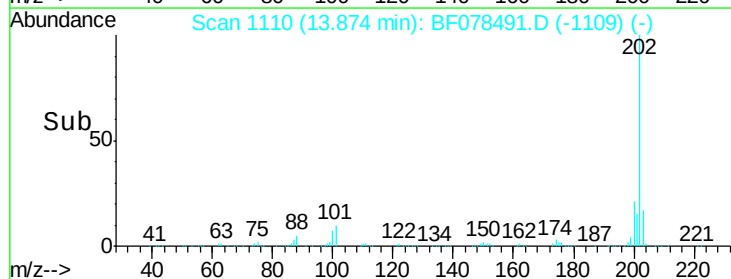
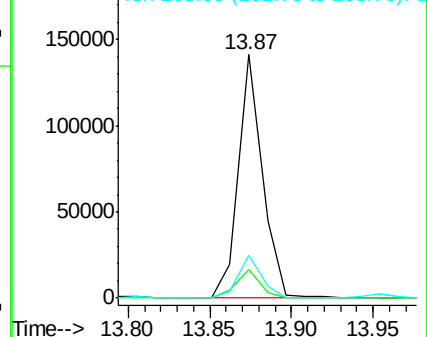


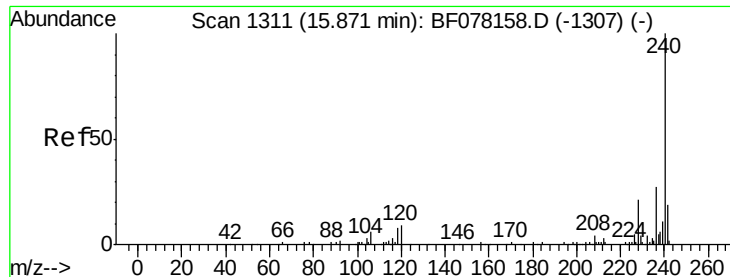
#74
 Fluoranthene
 Concen: 16.97 ng
 RT: 13.87 min Scan# 1110
 Delta R.T. -0.09 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

Tgt Ion:202 Resp: 143757
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 35.2
 203 17.6 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

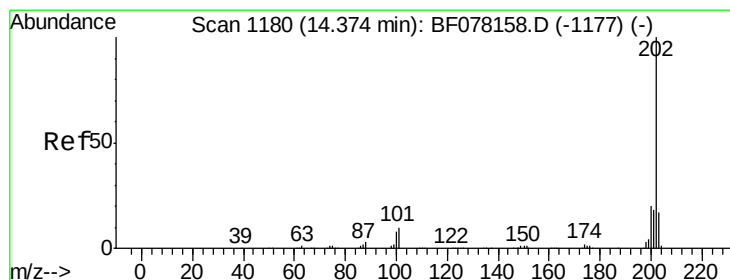
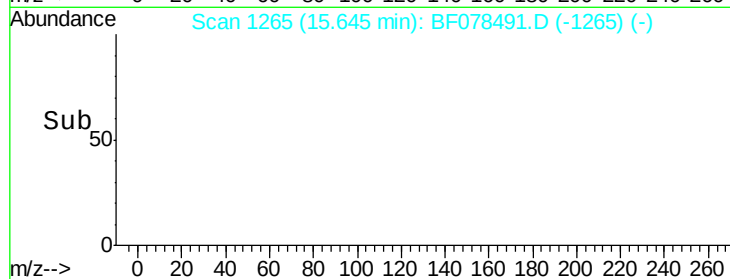
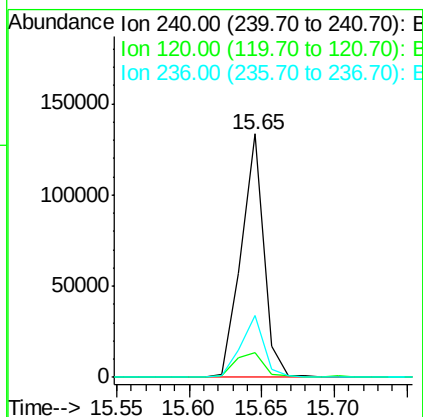
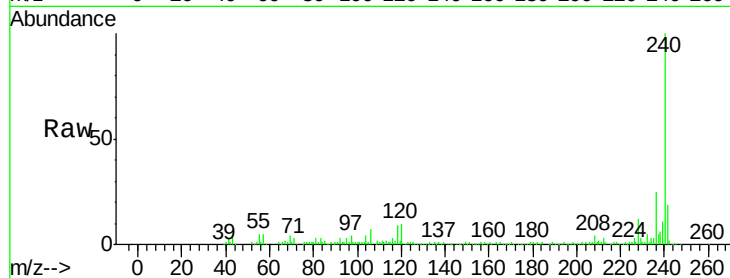




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1265
 Delta R.T. -0.10 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

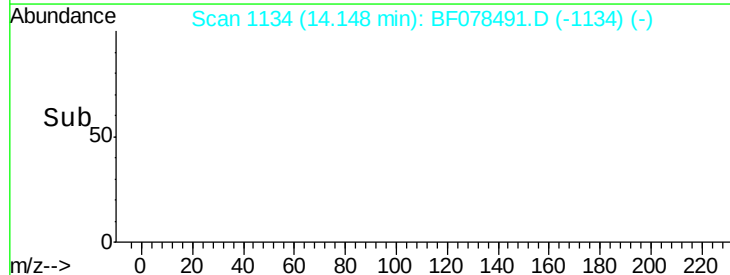
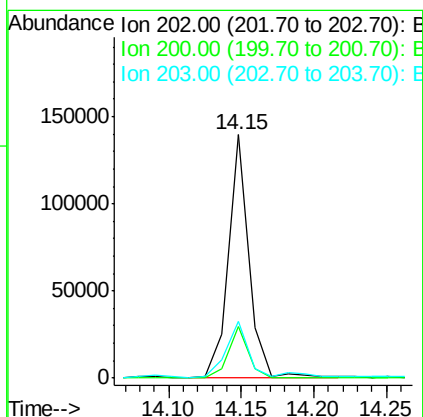
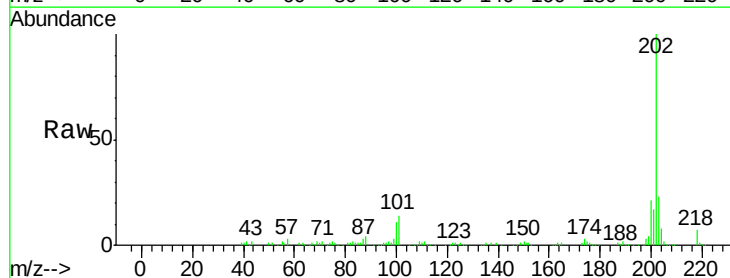
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02B

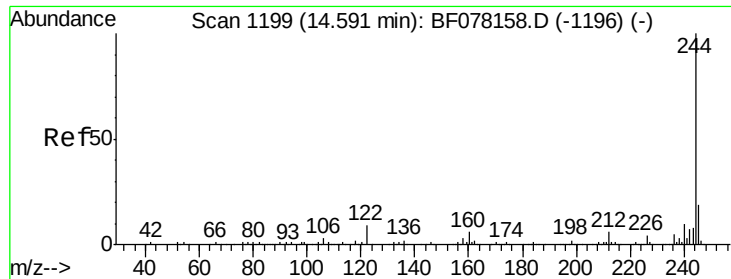
Tgt Ion:240 Resp: 145547
 Ion Ratio Lower Upper
 240 100
 120 10.2 7.1 10.7
 236 25.4 21.4 32.2



#77
 Pyrene
 Concen: 15.04 ng
 RT: 14.15 min Scan# 1134
 Delta R.T. -0.10 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

Tgt Ion:202 Resp: 137462
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.3 24.5
 203 23.4 13.8 20.6#





#78

Terphenyl-d14

Concen: 53.35 ng

RT: 14.38 min Scan# 1154

Delta R.T. -0.09 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

Instrument :

BNA_F

ClientSampleId :

LS-SD02B

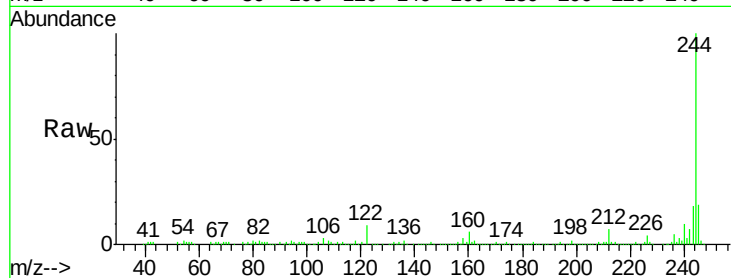
Tgt Ion:244 Resp: 343647

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

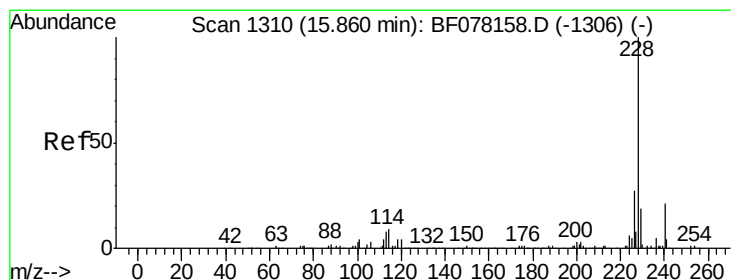
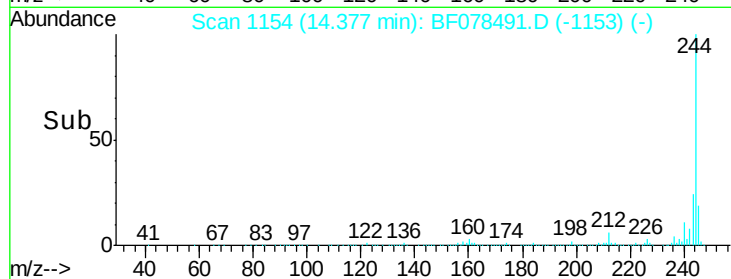
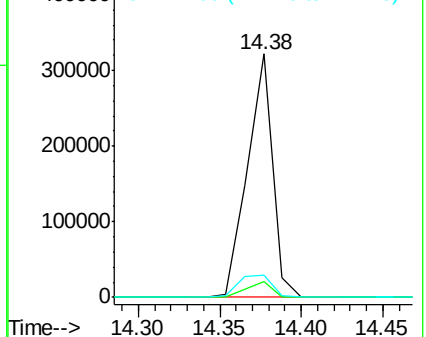
122 9.1 7.1 10.7



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: 13.35 ng

RT: 15.63 min Scan# 1264

Delta R.T. -0.10 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

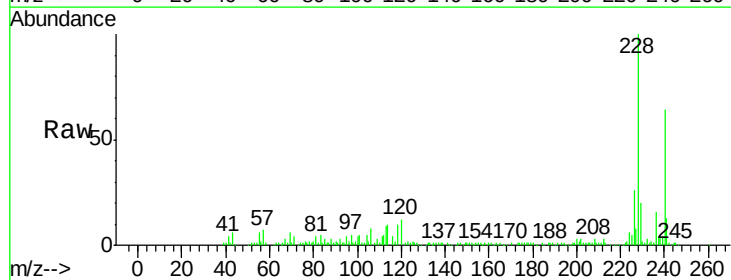
Tgt Ion:228 Resp: 115649

Ion Ratio Lower Upper

228 100

226 26.2 21.3 31.9

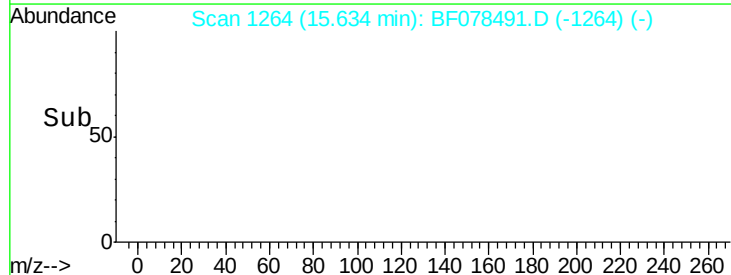
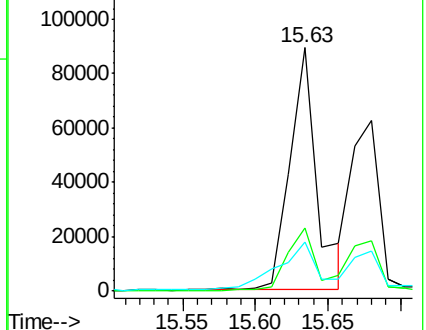
229 20.1 15.4 23.2

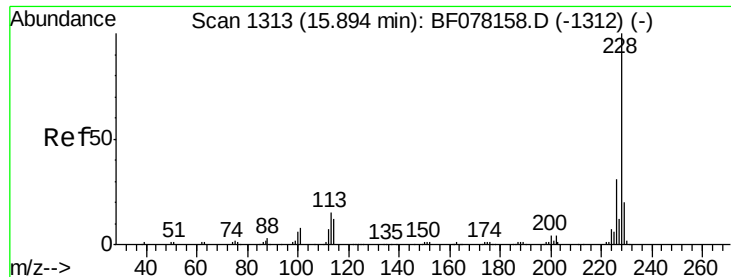


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

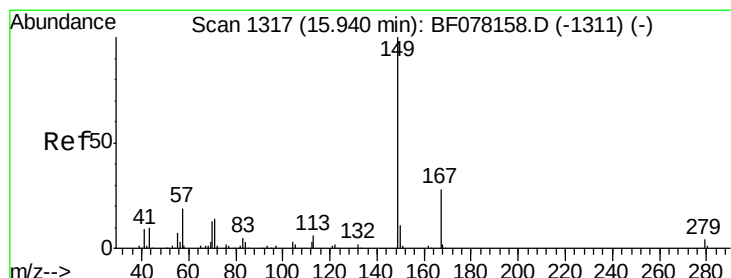
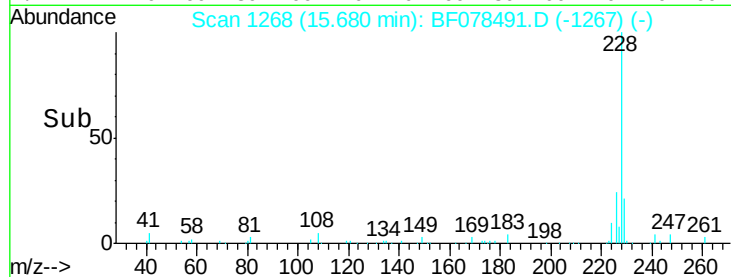
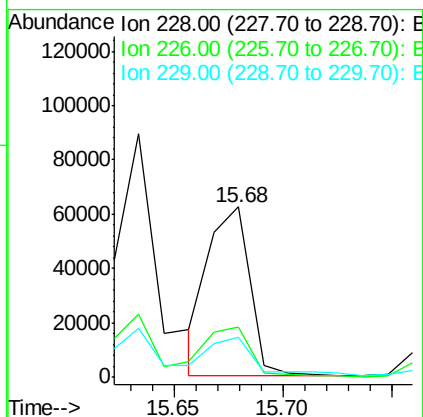
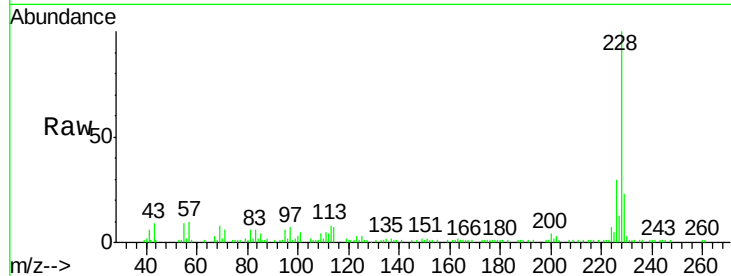




#82
Chrysene
 Concen: 10.10 ng
 RT: 15.68 min Scan# 1268
 Delta R.T. -0.09 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

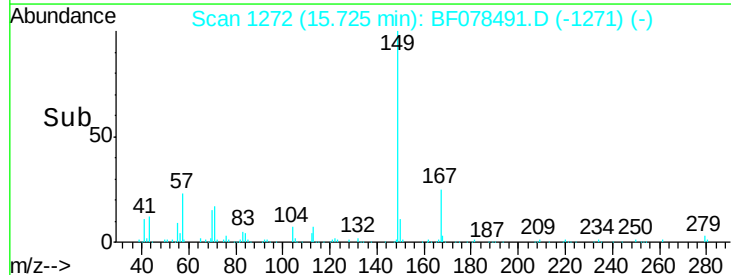
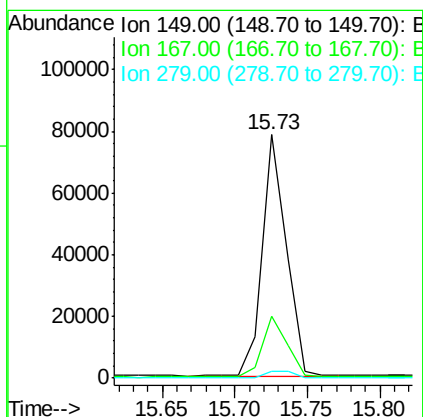
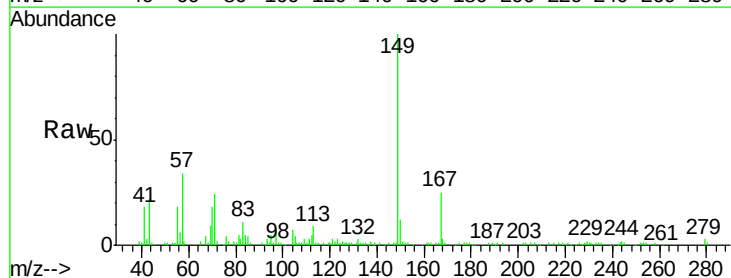
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD02B

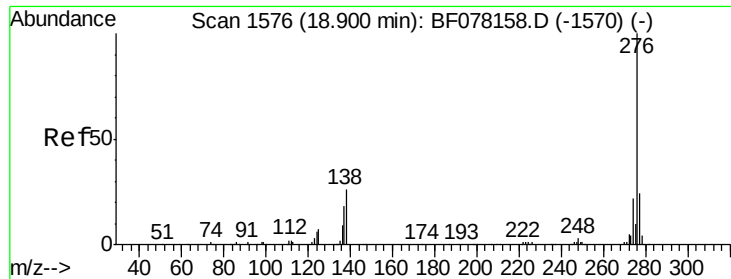
Tgt Ion: 228 Resp: 82167
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.4
 229 23.2 15.8 23.8



#83
Bis(2-ethylhexyl)phthalate
 Concen: 16.51 ng
 RT: 15.73 min Scan# 1272
 Delta R.T. -0.09 min
 Lab File: BF078491.D
 Acq: 14 Apr 2015 7:59

Tgt Ion: 149 Resp: 90165
 Ion Ratio Lower Upper
 149 100
 167 25.3 22.2 33.2
 279 2.6 3.2 4.8#

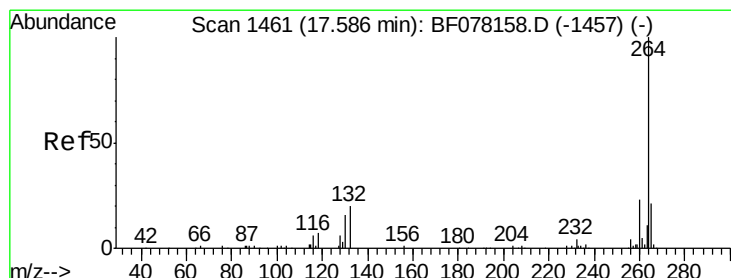
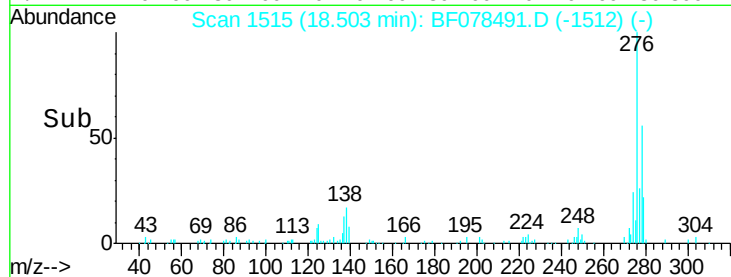
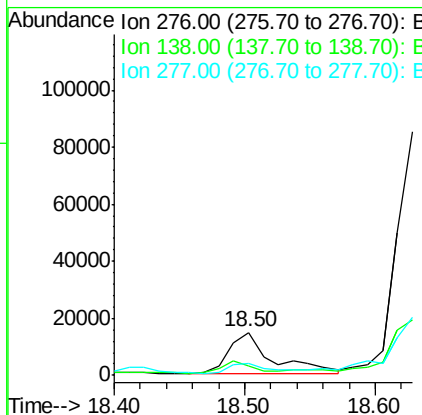
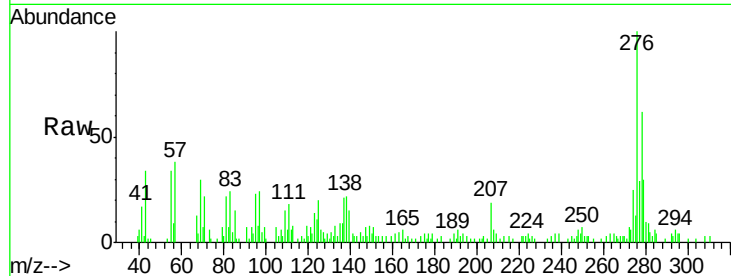




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.62 ng
RT: 18.50 min Scan# 1515
Delta R.T. -0.27 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

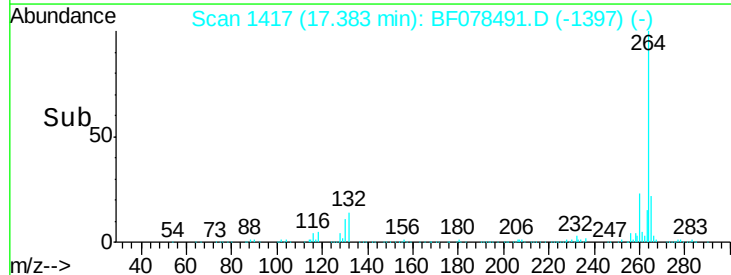
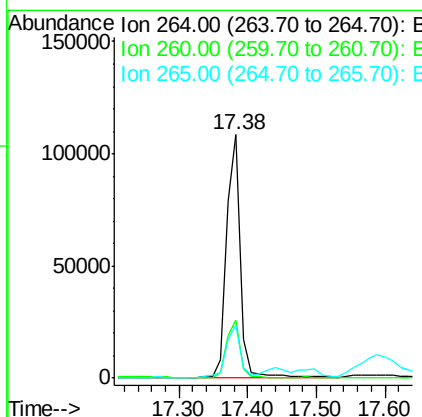
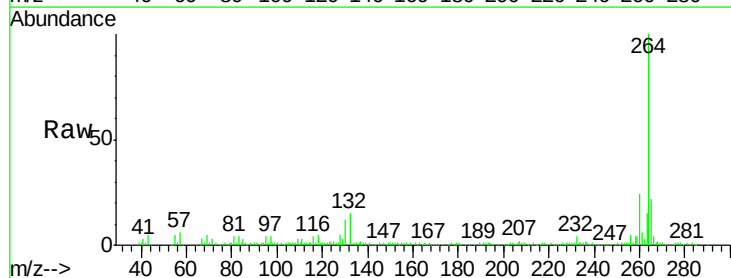
Instrument :
BNA_F
ClientSampleId :
LS-SD02B

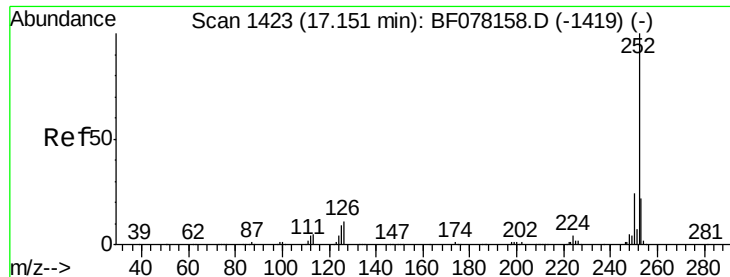
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.9	25.3
277	19.6	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1417
Delta R.T. -0.08 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.6	17.0	25.6

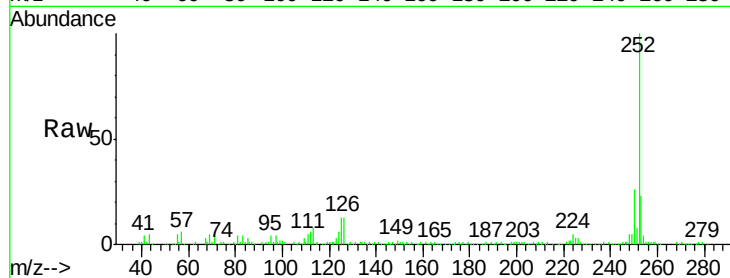




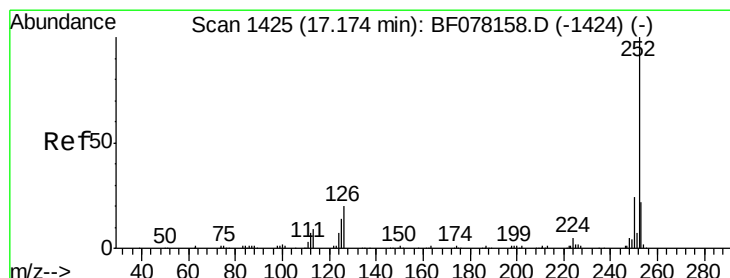
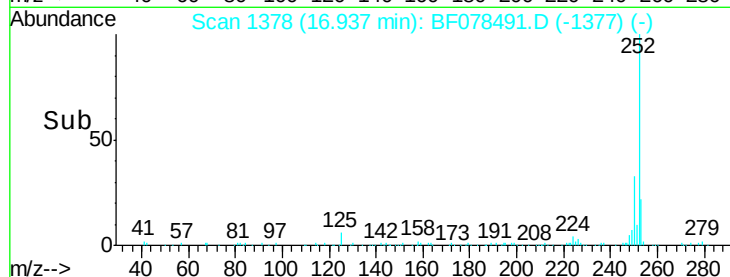
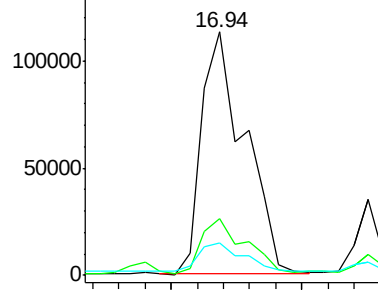
#87
Benzo(b)fluoranthene
Concen: 27.07 ng
RT: 16.94 min Scan# 1378
Delta R.T. -0.09 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Instrument :
BNA_F
ClientSampleId :
LS-SD02B

Tgt Ion: 252 Resp: 261648
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 13.1 7.0 10.4#

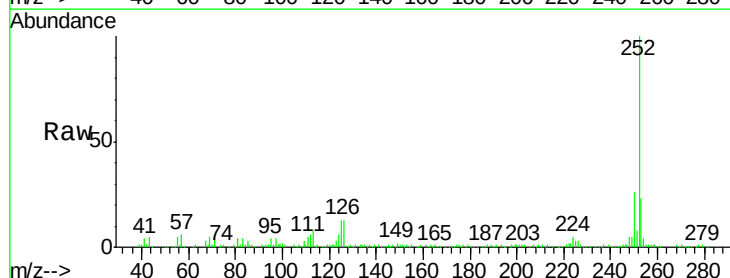


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

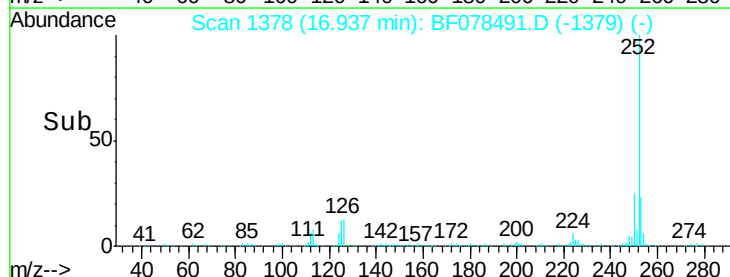
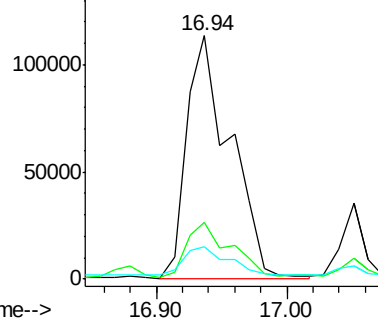


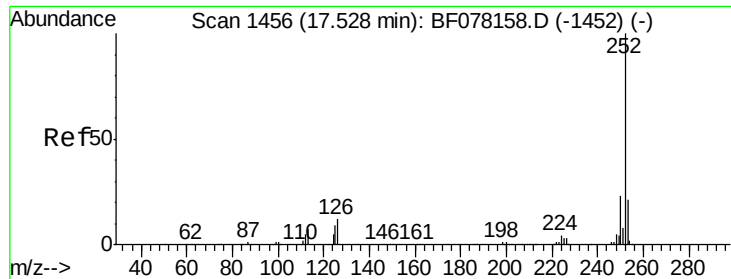
#88
Benzo(k)fluoranthene
Concen: 30.58 ng
RT: 16.94 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BF078491.D
Acq: 14 Apr 2015 7:59

Tgt Ion: 252 Resp: 262726
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 13.1 11.6 17.4



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





#89

Benzo(a)pyrene

Concen: 20.85 ng

RT: 17.31 min Scan# 1411

Delta R.T. -0.09 min

Lab File: BF078491.D

Acq: 14 Apr 2015 7:59

Instrument :

BNA_F

ClientSampleId :

LS-SD02B

Tgt Ion: 252 Resp: 175913

Ion Ratio Lower Upper

252 100

253 23.6 16.8 25.2

125 12.1 7.4 11.0#

