

Data Path : Z:\HPCHEM1\BNA_F\Data\BF041315\
 Data File : BF078494.D
 Acq On : 14 Apr 2015 9:25
 Operator : TP/IZ
 Sample : G1787-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03B

Quant Time: Apr 14 11:41:22 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

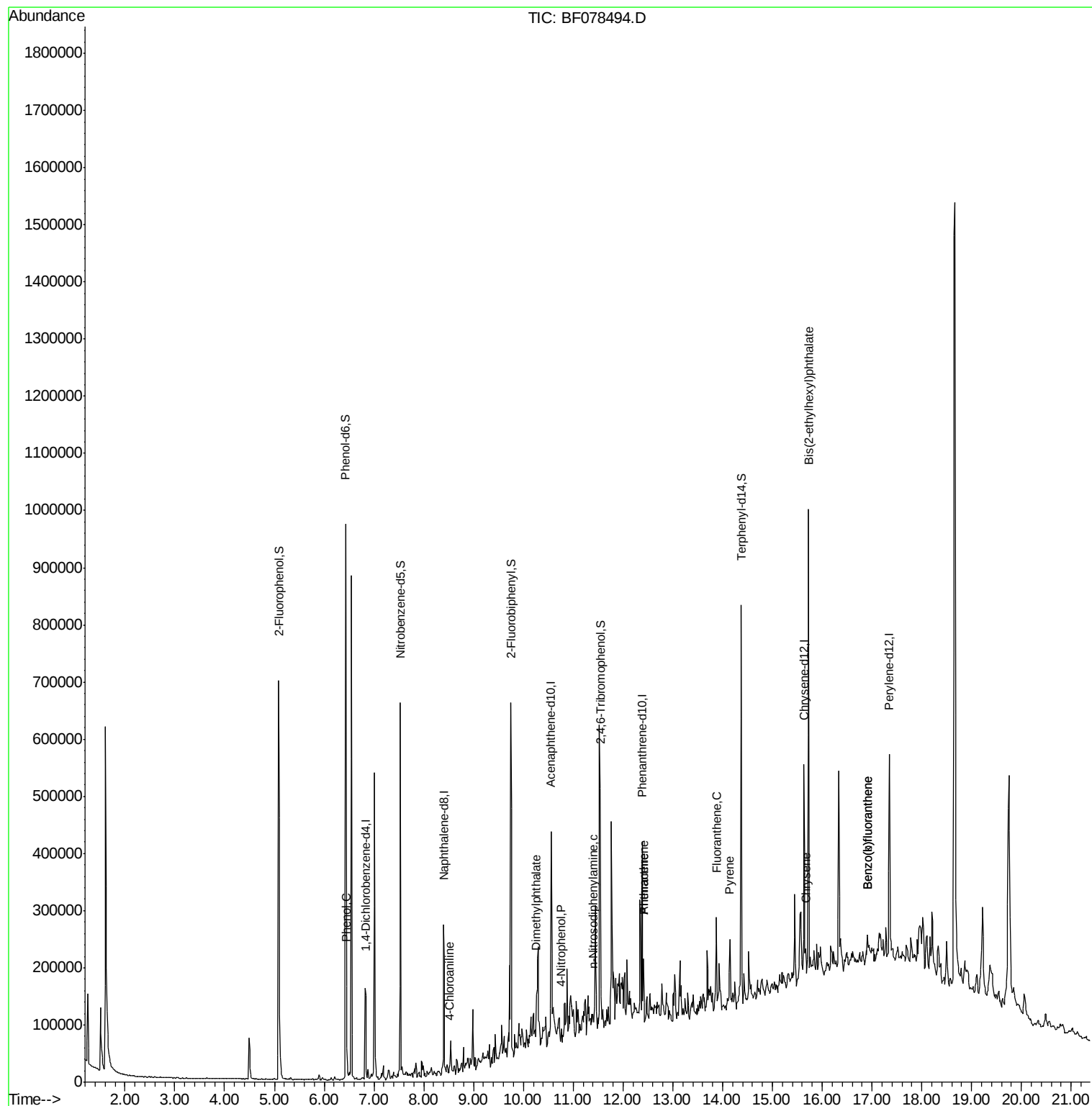
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	36808	20.00	ng	-0.05
21) Naphthalene-d8	8.40	136	153742	20.00	ng	-0.07
38) Acenaphthene-d10	10.56	164	75962	20.00	ng	-0.08
63) Phenanthrene-d10	12.39	188	141673	20.00	ng	-0.08
75) Chrysene-d12	15.63	240	153517	20.00	ng	-0.11
86) Perylene-d12	17.35	264	154751	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	289273	129.58	ng	-0.09
7) Phenol-d6	6.43	99	375434	134.19	ng	-0.04
23) Nitrobenzene-d5	7.53	82	211165	83.25	ng	-0.05
41) 2,4,6-Tribromophenol	11.54	330	81673	129.64	ng	-0.08
44) 2-Fluorobiphenyl	9.75	172	265315	49.93	ng	-0.07
78) Terphenyl-d14	14.38	244	298548	43.94	ng	-0.09
Target Compounds						Qvalue
10) Phenol	6.44	94	10445	3.12	ng	# 55
33) 4-Chloroaniline	8.52	127	7298	2.20	ng	97
49) Dimethylphthalate	10.26	163	24274	4.25	ng	# 97
55) 4-Nitrophenol	10.75	139	586	3.34	ng	# 1
65) n-Nitrosodiphenylamine	11.39	169	11470	2.34	ng	# 40
70) Phenanthrene	12.41	178	44324	5.41	ng	97
71) Anthracene	12.41	178	38303	4.74	ng	99
74) Fluoranthene	13.87	202	51679	5.98	ng	95
77) Pyrene	14.15	202	49922	5.18	ng	97
82) Chrysene	15.67	228	22337	2.60	ng	98
83) Bis(2-ethylhexyl)phthalate	15.73	149	301751	52.38	ng	98
87) Benzo(b)fluoranthene	16.91	252	37355	3.91	ng	# 84
88) Benzo(k)fluoranthene	16.91	252	37847	4.45	ng	# 87

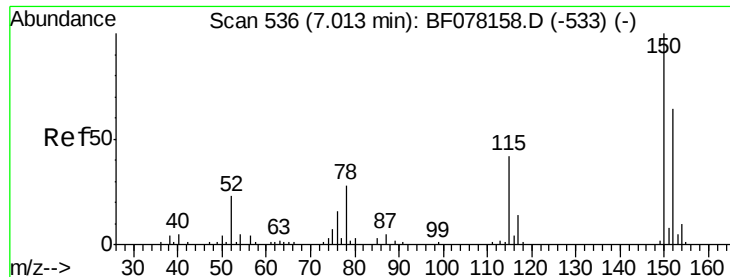
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

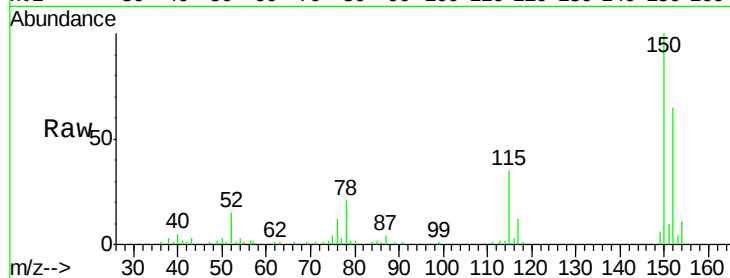
Tgt Ion:152 Resp: 36808

Ion Ratio Lower Upper

152 100

150 153.6 125.9 188.9

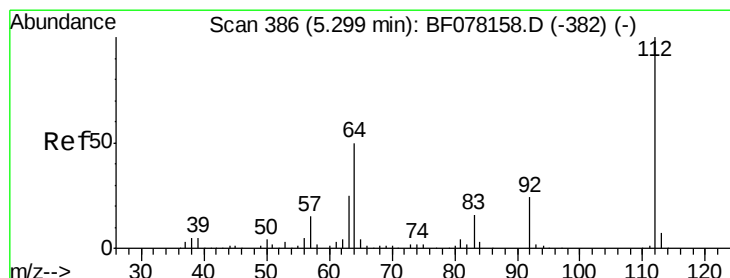
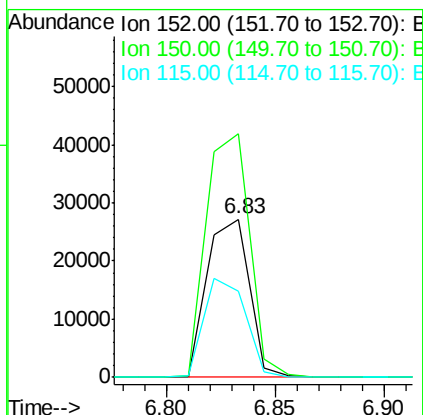
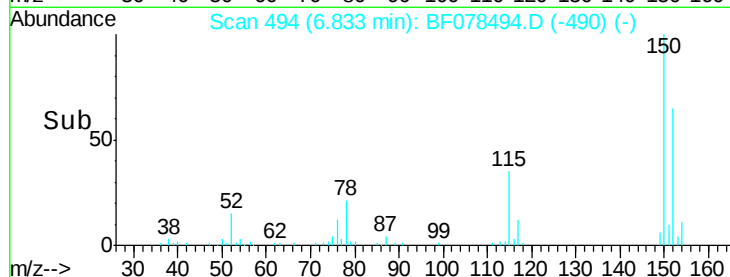
115 54.0 52.7 79.1



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: 129.58 ng

RT: 5.08 min Scan# 341

Delta R.T. -0.09 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

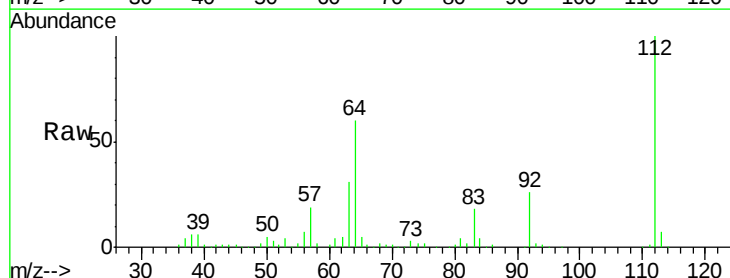
Tgt Ion:112 Resp: 289273

Ion Ratio Lower Upper

112 100

64 59.8 39.9 59.9

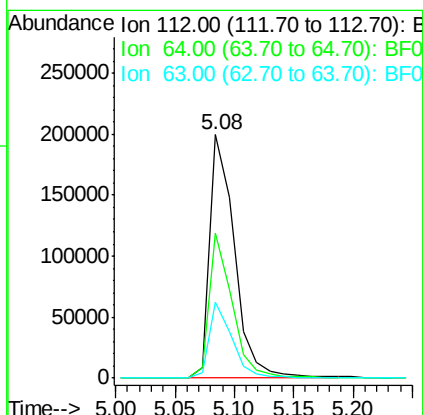
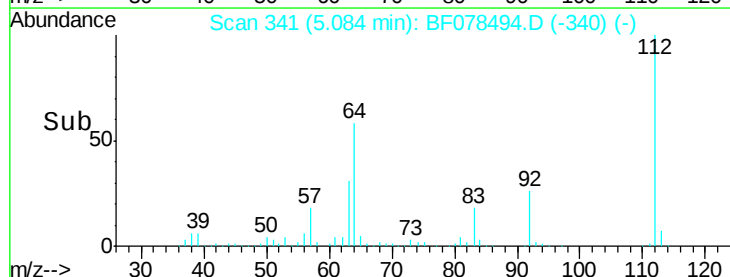
63 31.4 20.2 30.4#

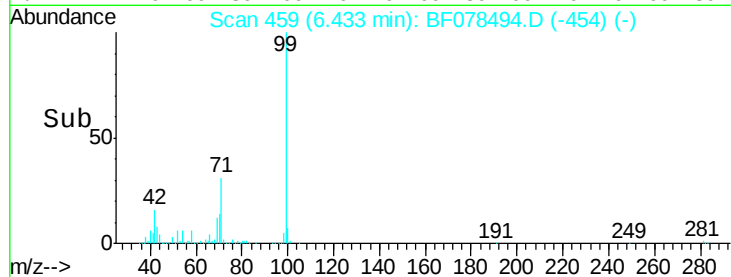
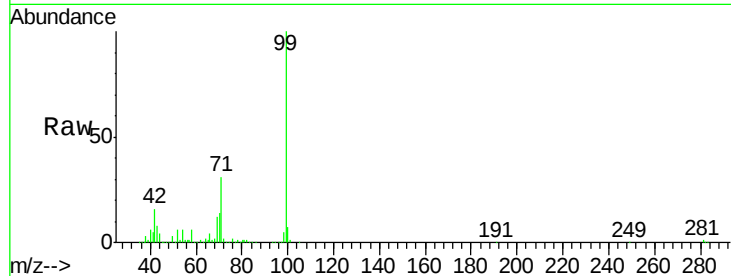
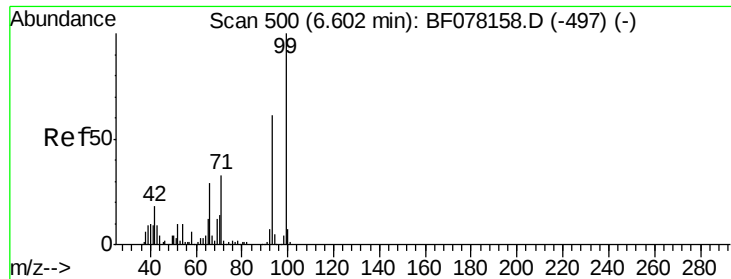


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.19 ng

RT: 6.43 min Scan# 459

Delta R.T. -0.04 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

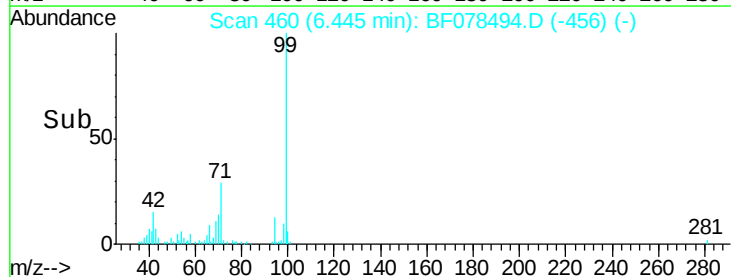
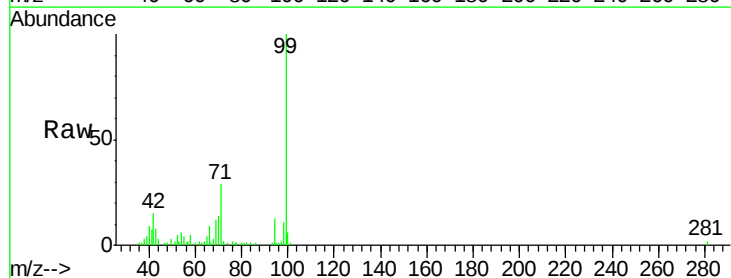
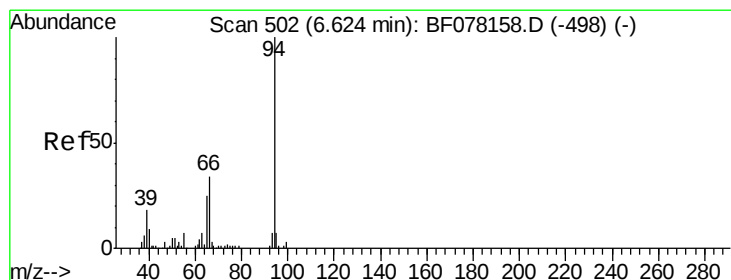
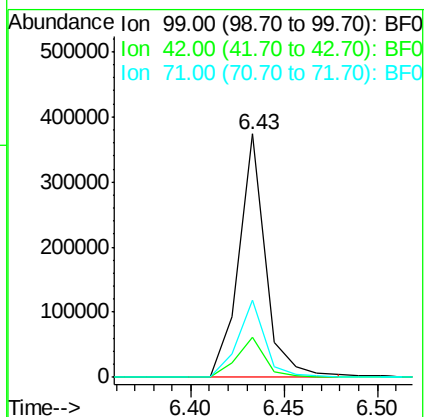
Tgt Ion: 99 Resp: 375434

Ion Ratio Lower Upper

99 100

42 16.4 14.8 22.2

71 31.5 26.6 39.8



#10

Phenol

Concen: 3.12 ng

RT: 6.44 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

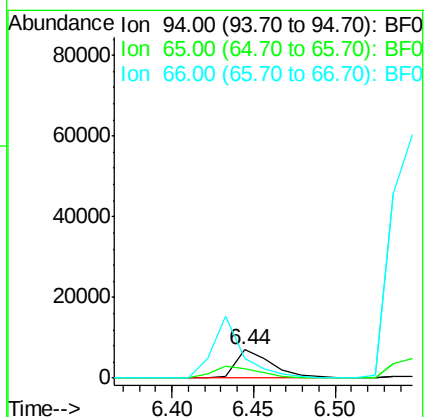
Tgt Ion: 94 Resp: 10445

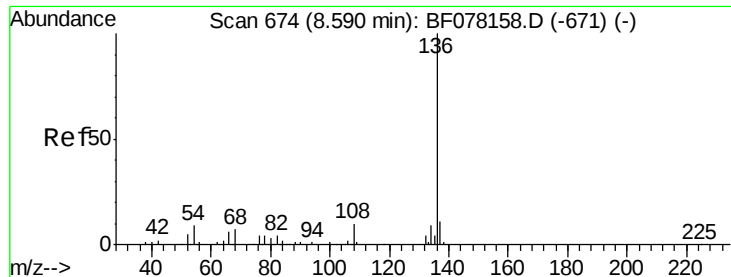
Ion Ratio Lower Upper

94 100

65 33.5 4.9 44.9

66 71.1 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: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

Tgt Ion:136 Resp: 153742

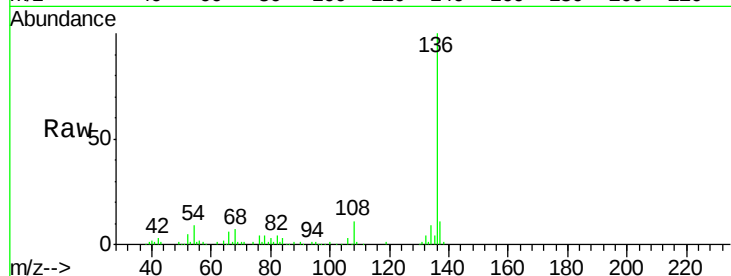
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.6 7.0 10.6

68 7.2 5.4 8.2

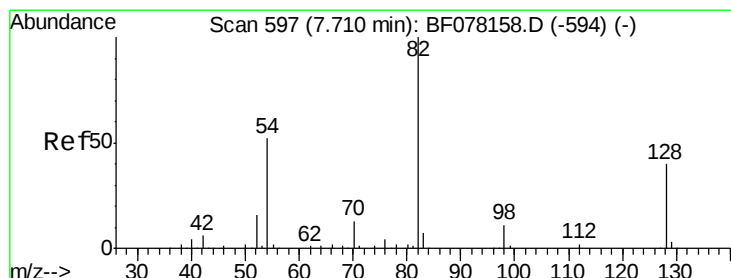
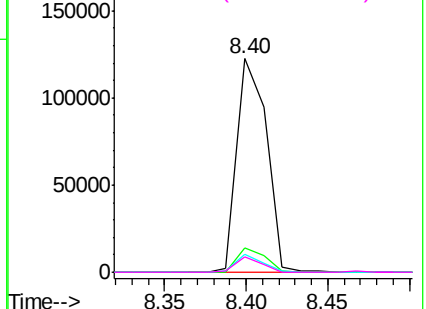
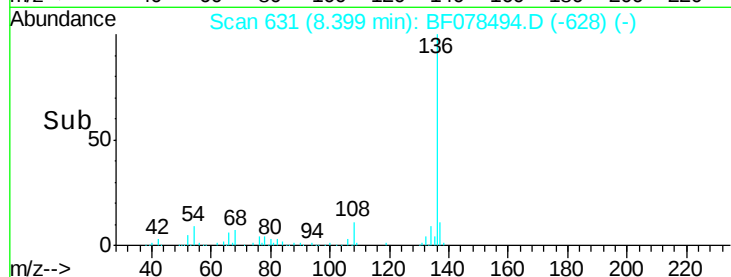


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 83.25 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

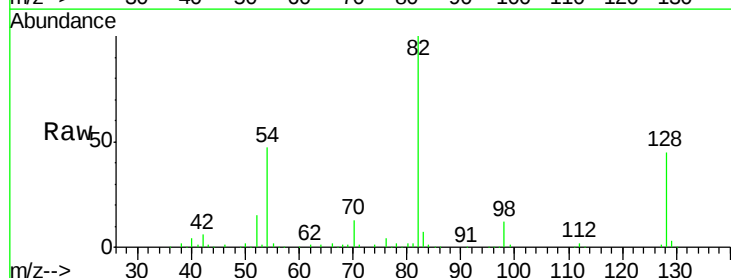
Tgt Ion: 82 Resp: 211165

Ion Ratio Lower Upper

82 100

128 45.2 31.8 47.8

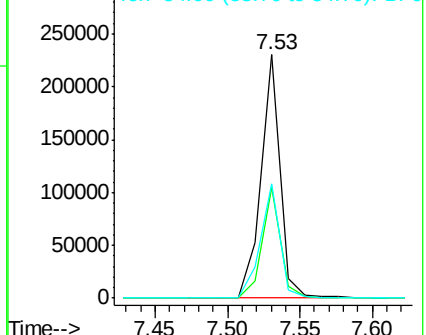
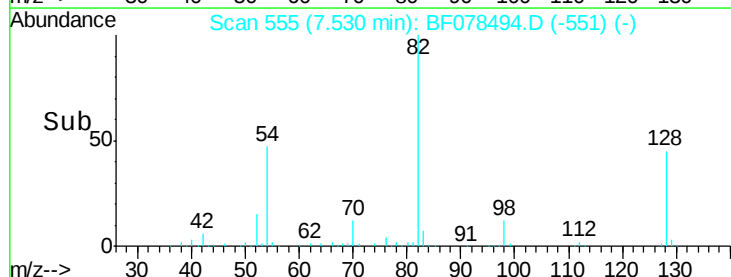
54 47.2 41.5 62.3

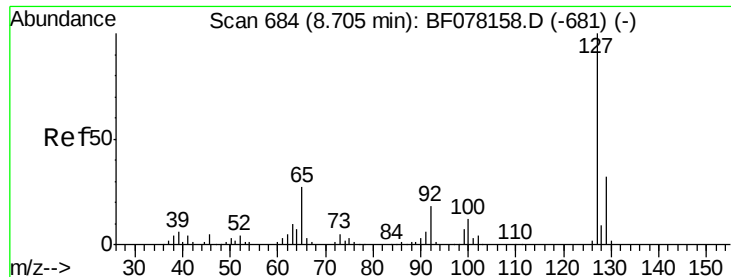


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

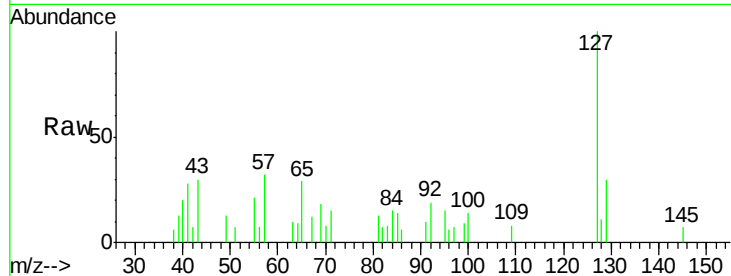




#33
4-Chloroaniline
Concen: 2.20 ng
RT: 8.52 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Instrument :
BNA_F
ClientSampleId :
LS-SD03B

Tgt Ion:	127	Resp:	7298
Ion	Ratio	Lower	Upper
127	100		
129	29.8	25.5	38.3
65	29.0	21.7	32.5
92	18.6	14.6	21.8

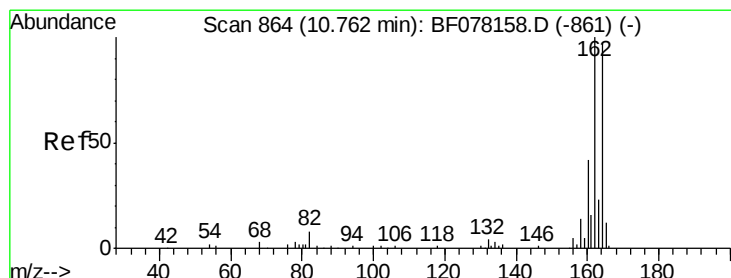
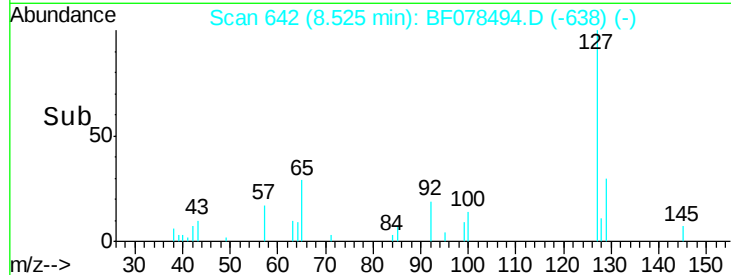
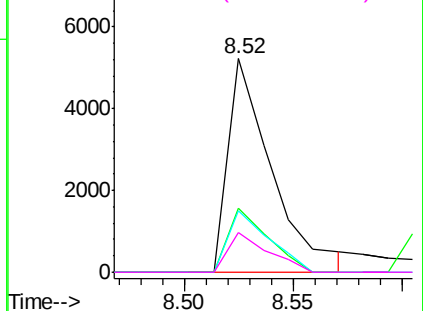


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

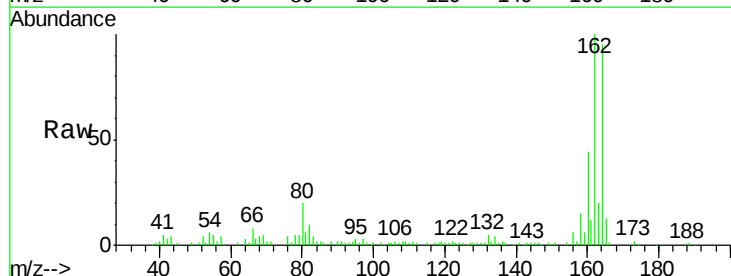
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.08 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

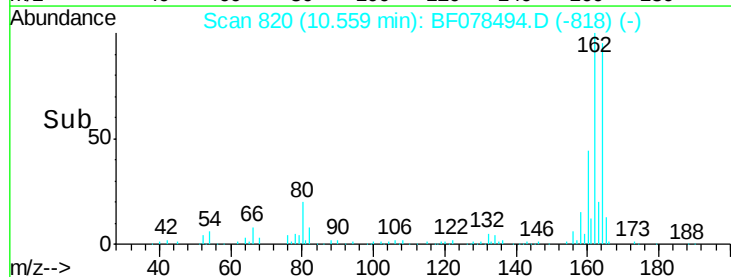
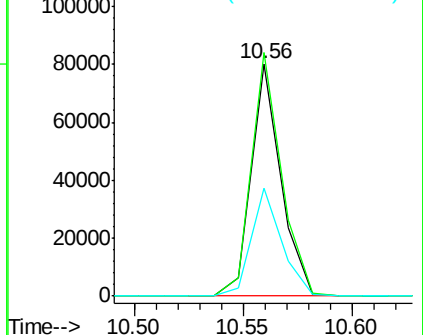
Tgt Ion:	164	Resp:	75962
Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.2
160	46.2	34.7	52.1

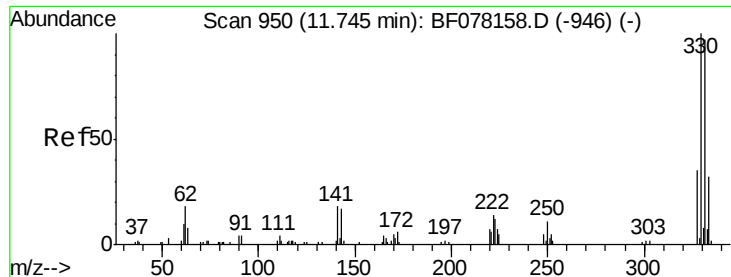


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

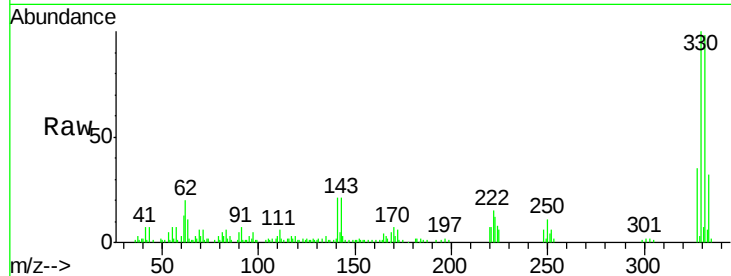




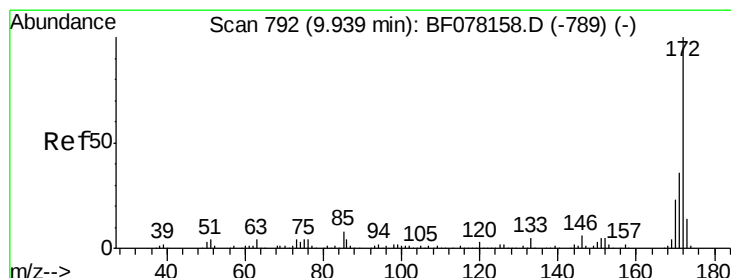
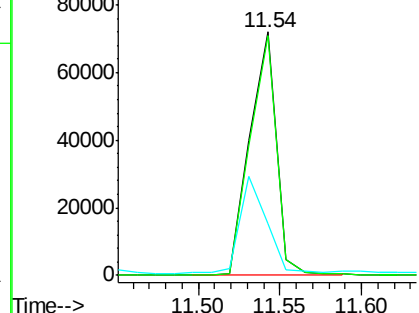
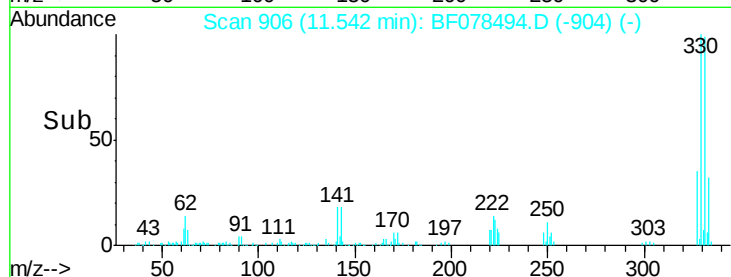
#41
 2,4,6-Tribromophenol
 Concen: 129.64 ng
 RT: 11.54 min Scan# 906
 Delta R.T. -0.08 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03B

Tgt Ion:330 Resp: 81673
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 40.0 31.2 46.8

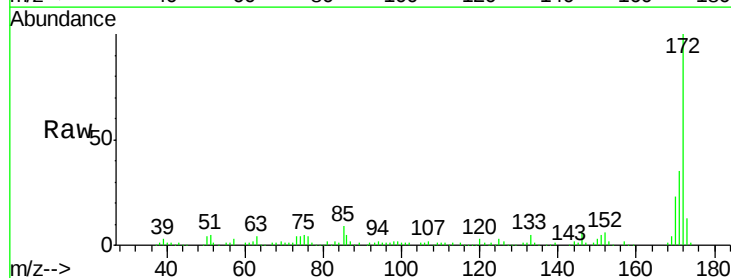


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

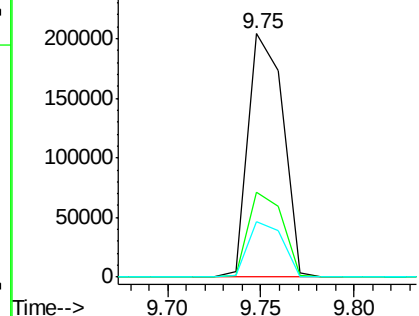
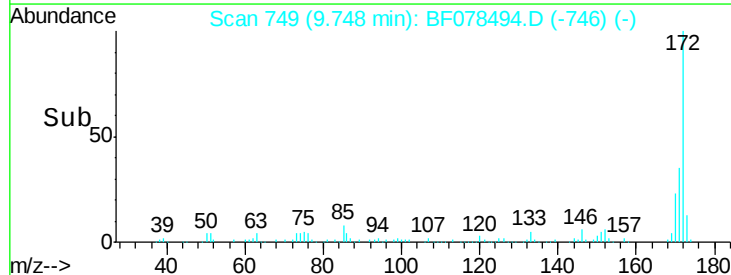


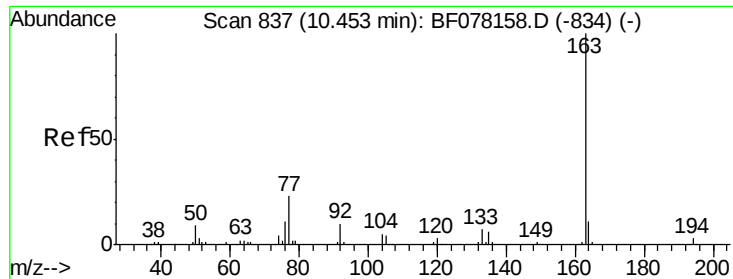
#44
 2-Fluorobiphenyl
 Concen: 49.93 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.07 min
 Lab File: BF078494.D
 Acq: 14 Apr 2015 9:25

Tgt Ion:172 Resp: 265315
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.0 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

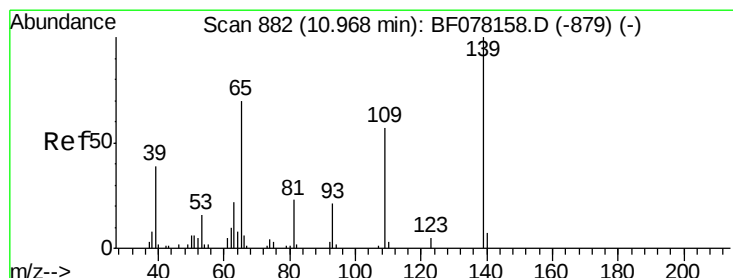
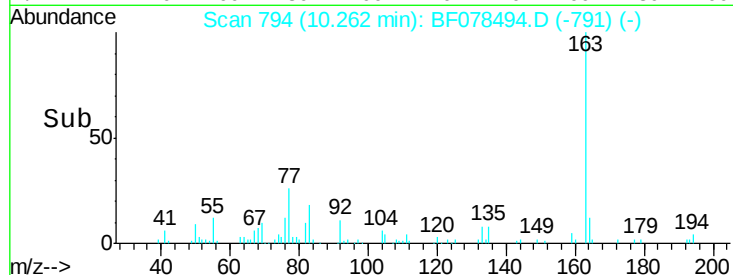
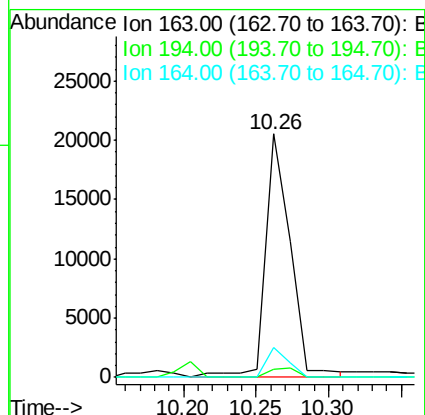
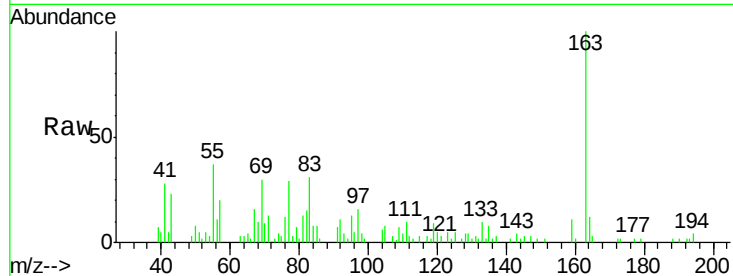




#49
Dimethylphthalate
Concen: 4.25 ng
RT: 10.26 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

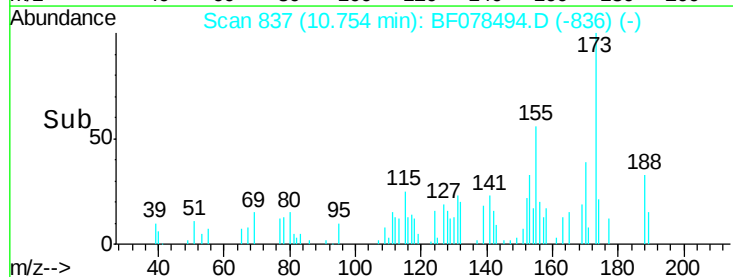
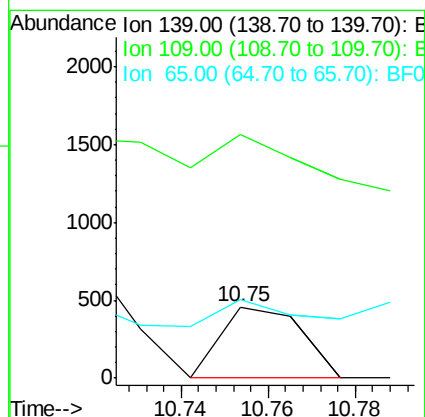
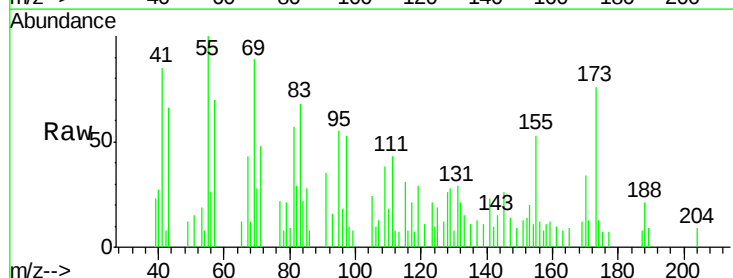
Instrument :
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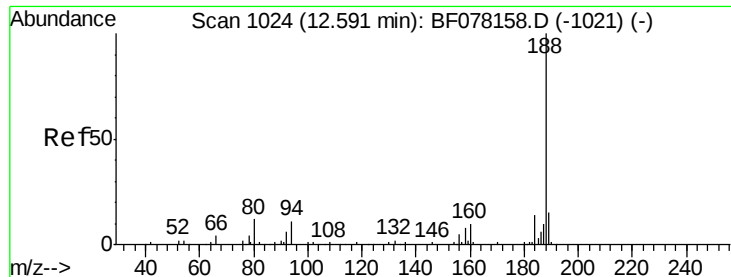
Tgt Ion:163 Resp: 24274
Ion Ratio Lower Upper
163 100
194 3.5 2.3 3.5#
164 12.0 8.6 13.0



#55
4-Nitrophenol
Concen: 3.34 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.09 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Tgt Ion:139 Resp: 586
Ion Ratio Lower Upper
139 100
109 343.0 36.7 76.7#
65 110.7 49.9 89.9#

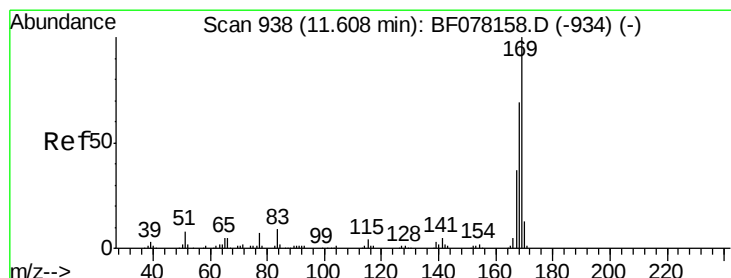
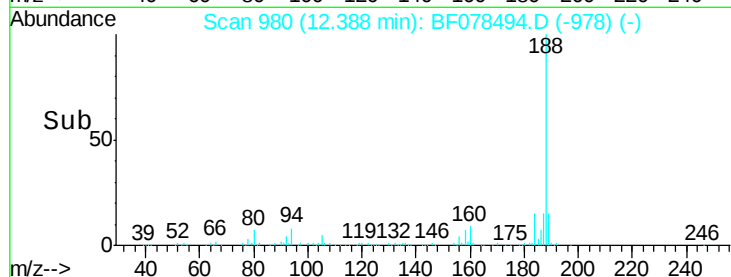
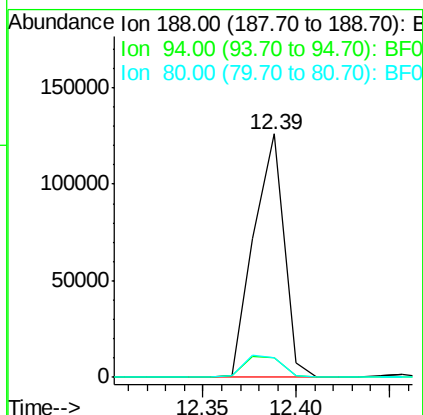
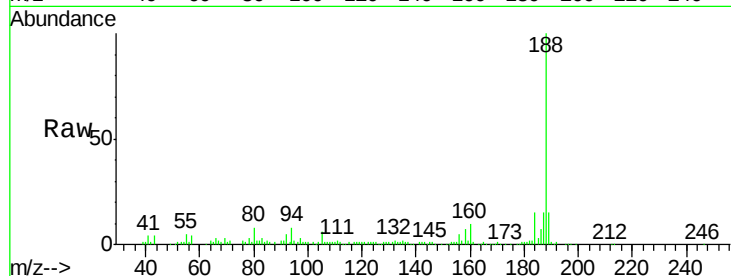




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

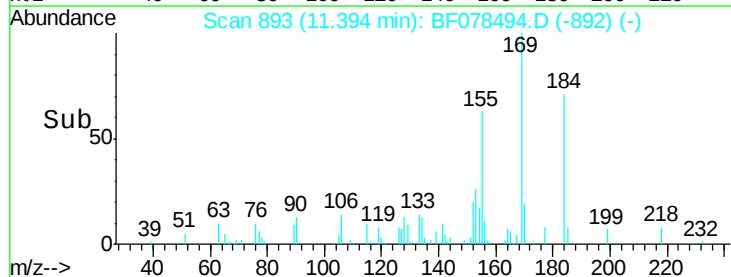
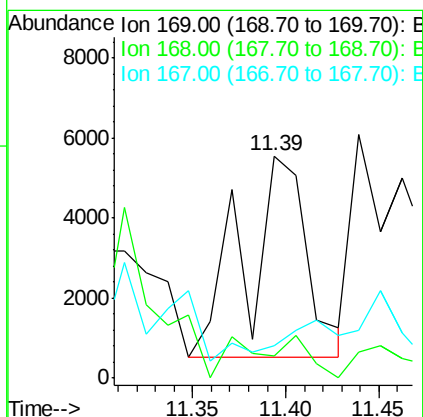
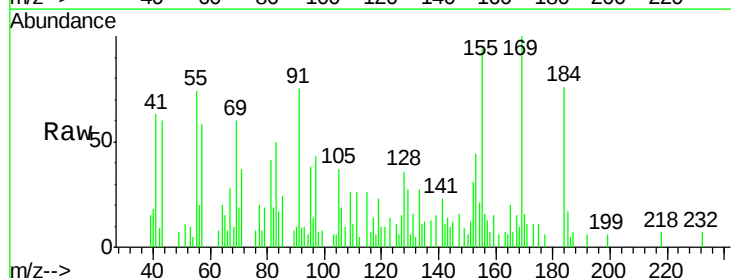
Instrument :
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LS-SD03B

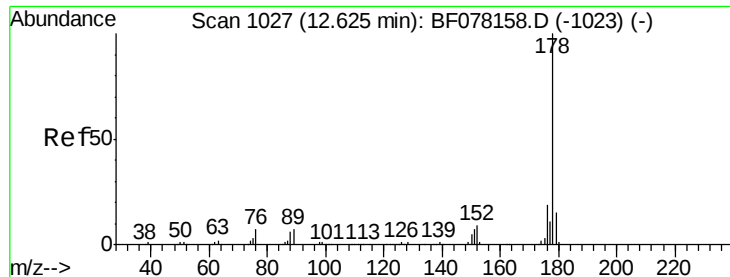
Tgt Ion:188 Resp: 141673
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.4#
80 7.8 9.5 14.3#



#65
n-Nitrosodiphenylamine
Concen: 2.34 ng
RT: 11.39 min Scan# 893
Delta R.T. -0.09 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Tgt Ion:169 Resp: 11470
Ion Ratio Lower Upper
169 100
168 9.8 55.0 82.4#
167 14.7 29.3 43.9#





#70

Phenanthrene

Concen: 5.41 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.09 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

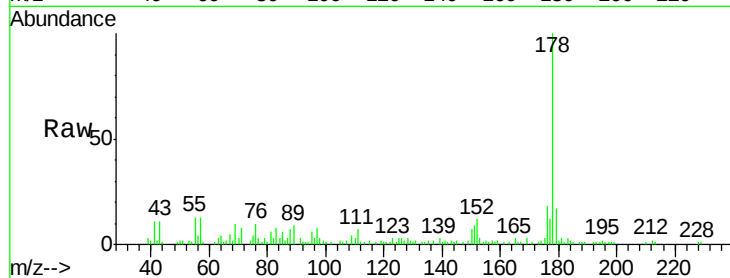
Tgt Ion:178 Resp: 44324

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

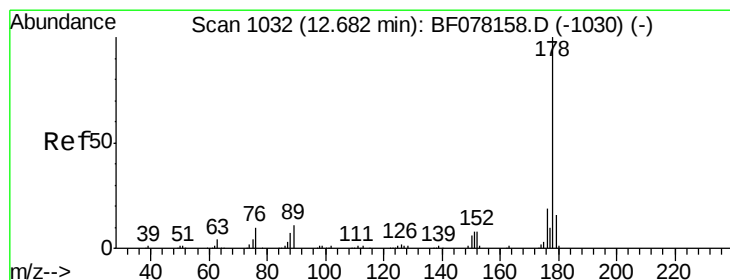
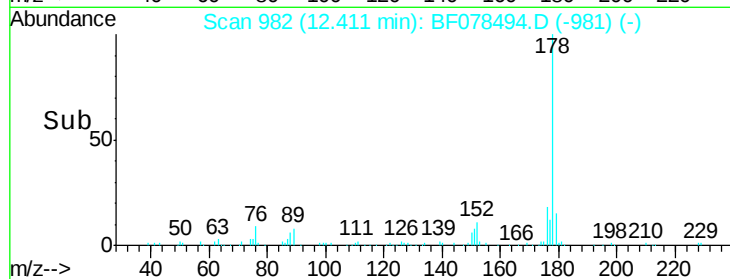
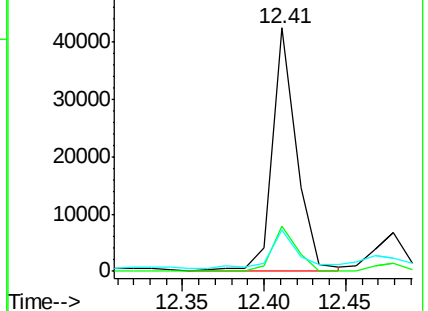
179 16.8 12.2 18.2



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: 4.74 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.15 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

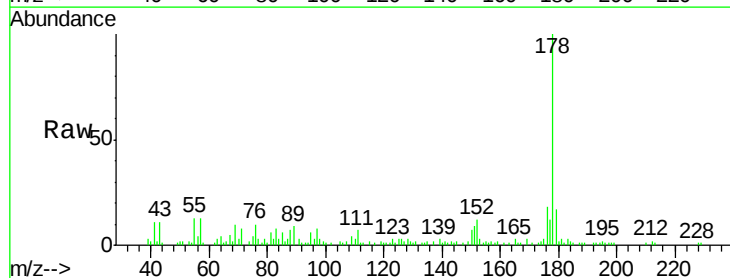
Tgt Ion:178 Resp: 38303

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

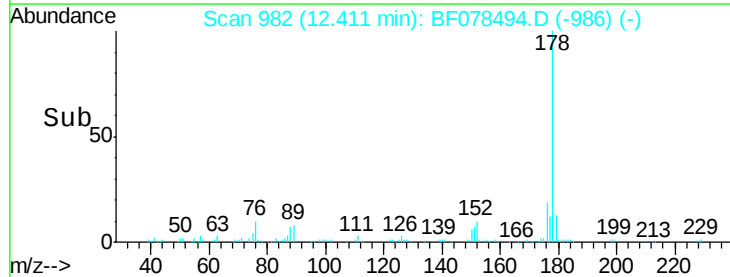
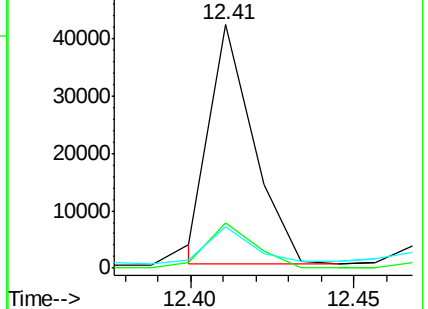
179 16.8 12.4 18.6

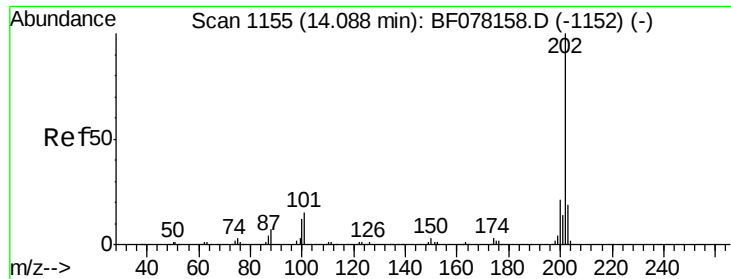


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 5.98 ng

RT: 13.87 min Scan# 1110

Delta R.T. -0.09 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

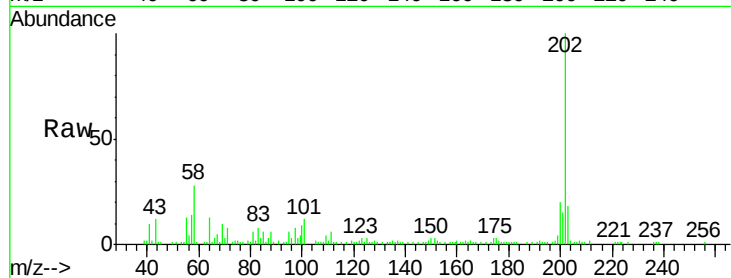
Tgt Ion: 202 Resp: 51679

Ion Ratio Lower Upper

202 100

101 11.7 0.0 35.2

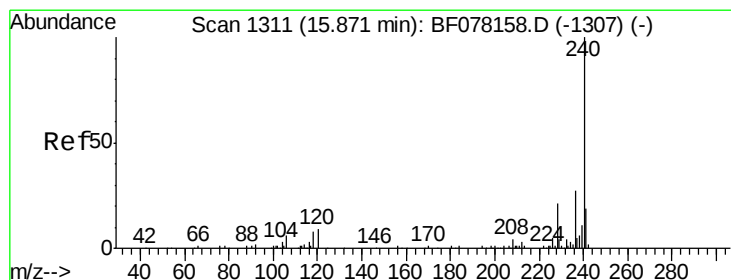
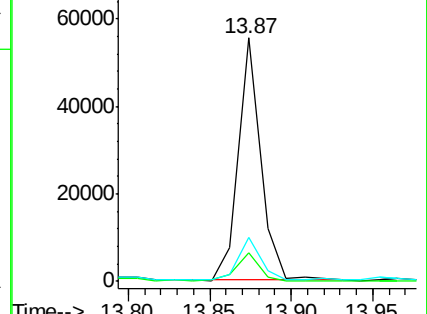
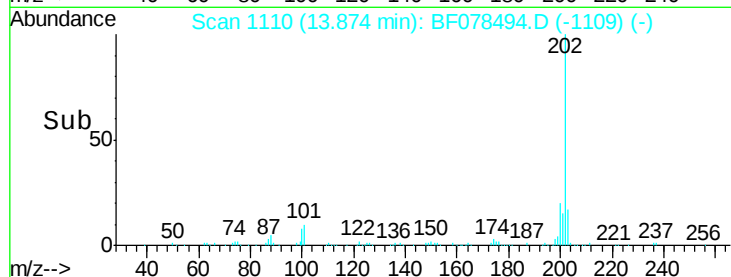
203 17.8 0.0 38.5



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: 15.63 min Scan# 1264

Delta R.T. -0.11 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

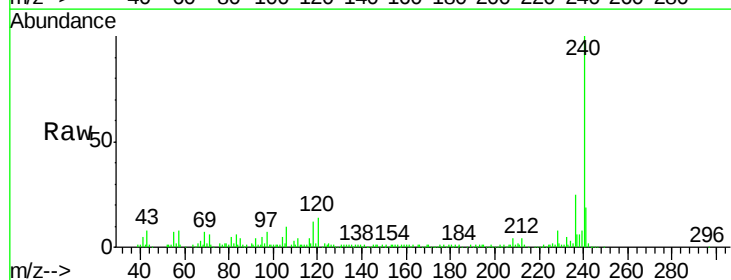
Tgt Ion: 240 Resp: 153517

Ion Ratio Lower Upper

240 100

120 14.4 7.1 10.7#

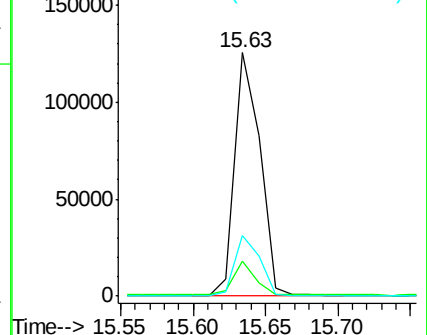
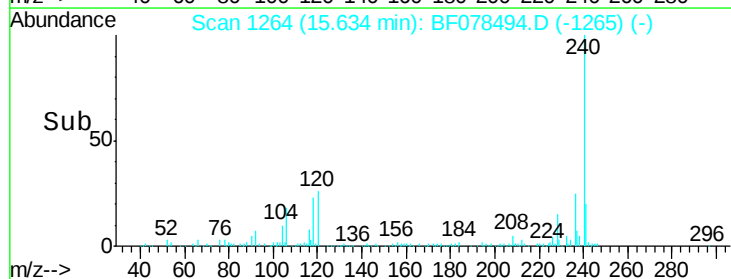
236 25.0 21.4 32.2

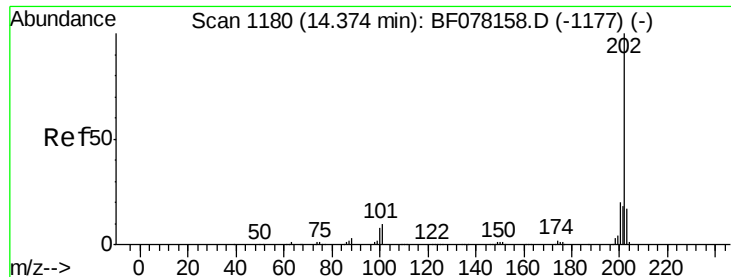


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 5.18 ng

RT: 14.15 min Scan# 1134

Delta R.T. -0.10 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

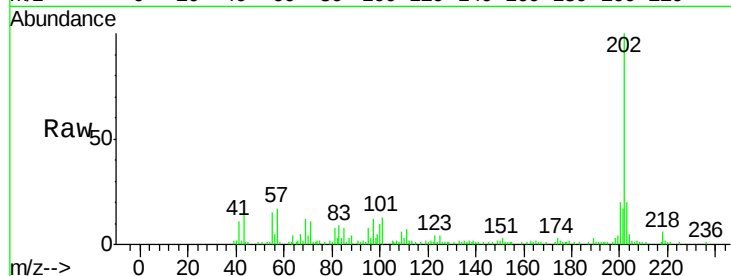
Tgt Ion: 202 Resp: 49922

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

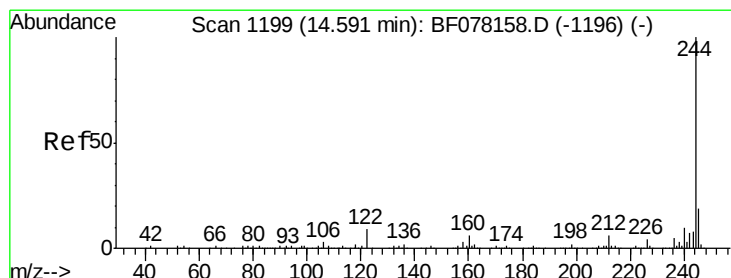
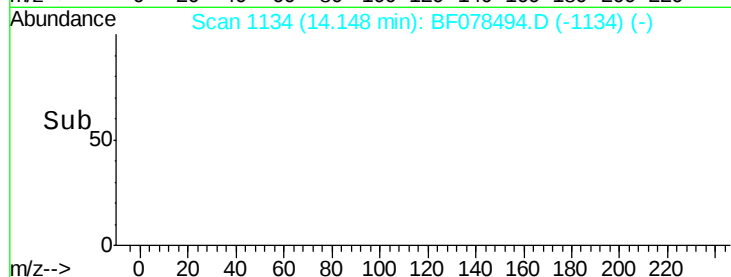
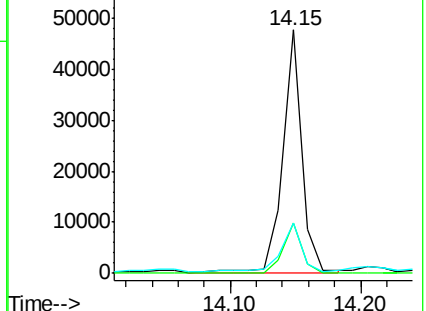
203 20.5 13.8 20.6



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: 43.94 ng

RT: 14.38 min Scan# 1154

Delta R.T. -0.09 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

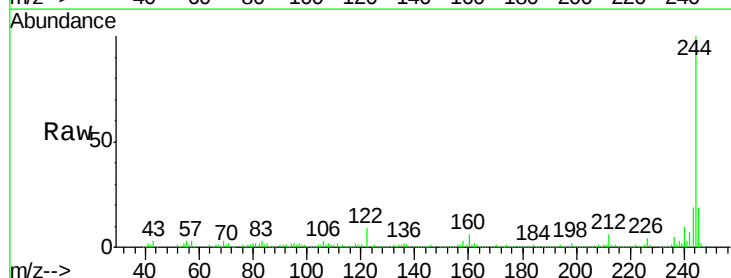
Tgt Ion: 244 Resp: 298548

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

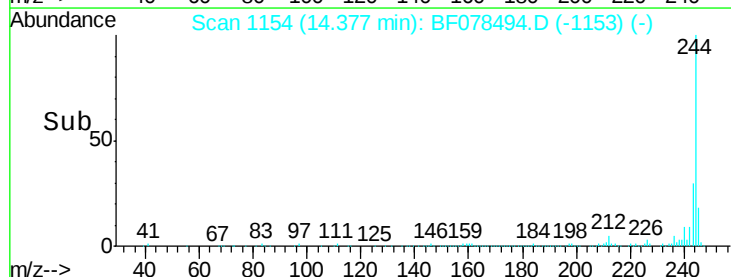
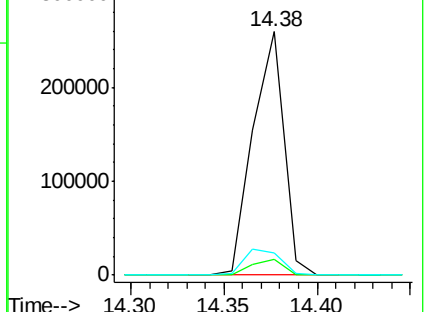
122 9.0 7.1 10.7

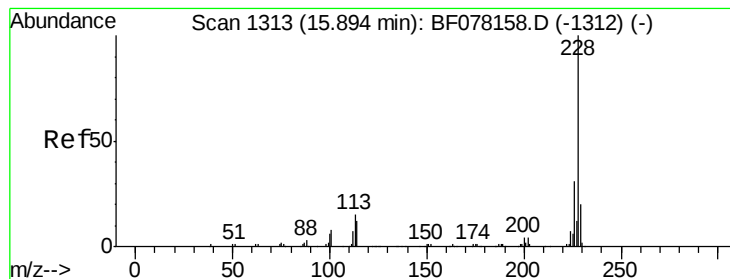


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.60 ng

RT: 15.67 min Scan# 1267

Delta R.T. -0.10 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

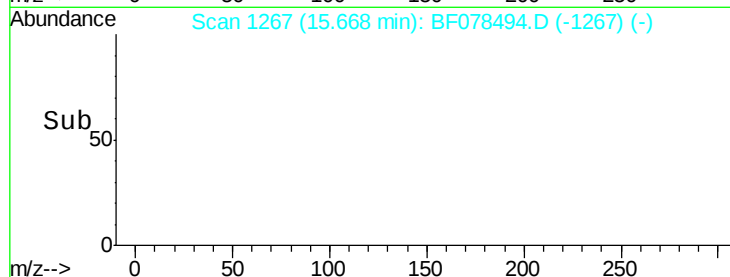
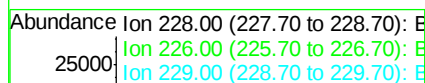
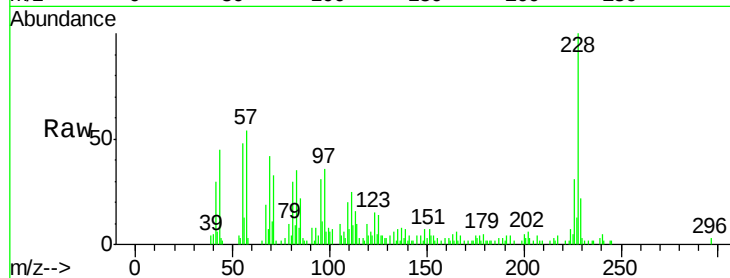
Tgt Ion: 228 Resp: 22337

Ion Ratio Lower Upper

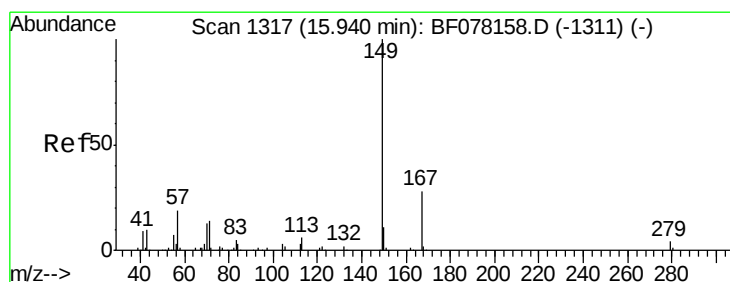
228 100

226 30.5 24.2 36.4

229 22.4 15.8 23.8



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 52.38 ng

RT: 15.73 min Scan# 1272

Delta R.T. -0.09 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

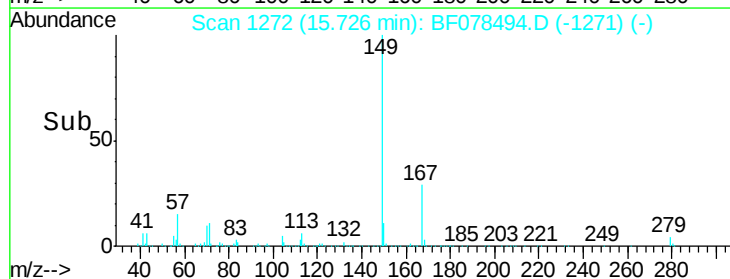
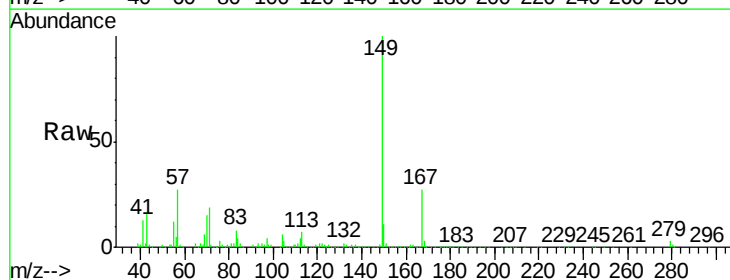
Tgt Ion: 149 Resp: 301751

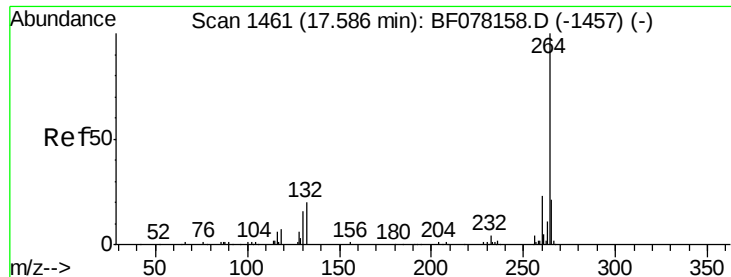
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

279 3.3 3.2 4.8

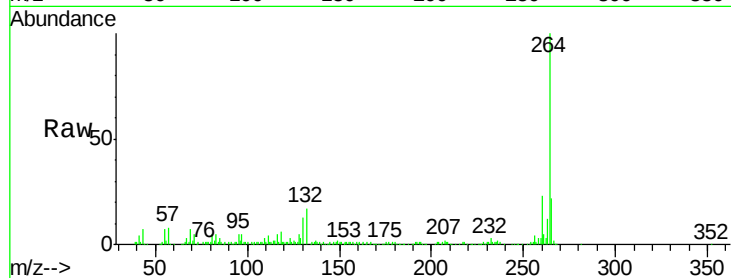




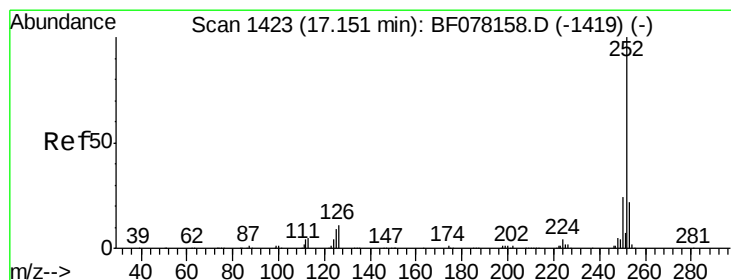
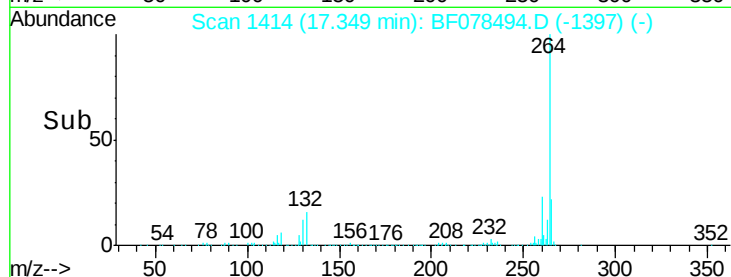
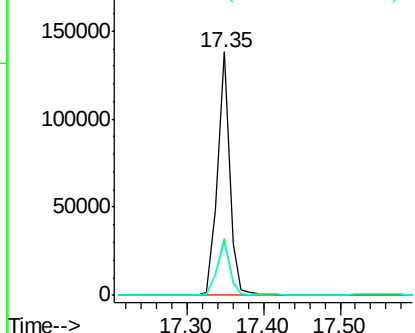
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.35 min Scan# 1414
Delta R.T. -0.11 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Instrument :
BNA_F
ClientSampleId :
LS-SD03B

Tgt Ion:264 Resp: 154751
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 17.0 25.6

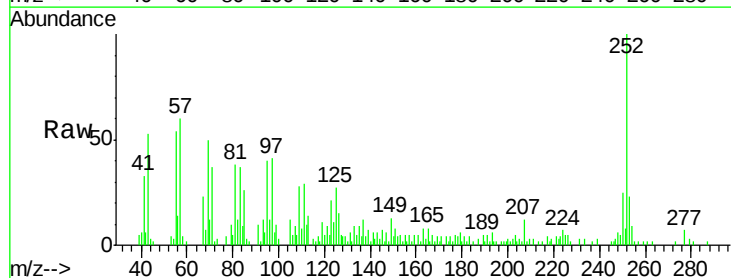


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

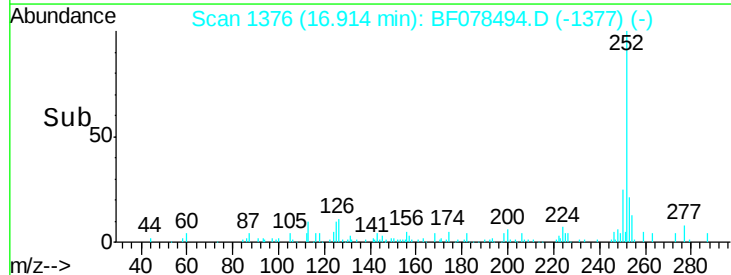
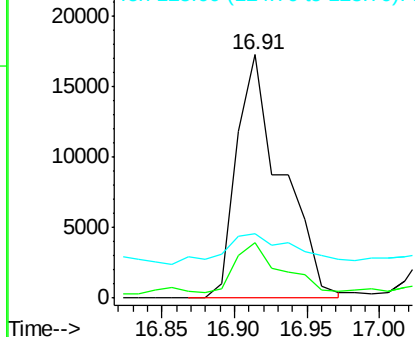


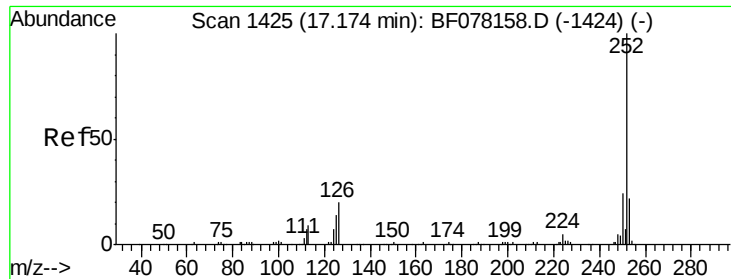
#87
Benzo(b)fluoranthene
Concen: 3.91 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.11 min
Lab File: BF078494.D
Acq: 14 Apr 2015 9:25

Tgt Ion:252 Resp: 37355
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 26.6 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: 4.45 ng

RT: 16.91 min Scan# 1376

Delta R.T. -0.13 min

Lab File: BF078494.D

Acq: 14 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

LS-SD03B

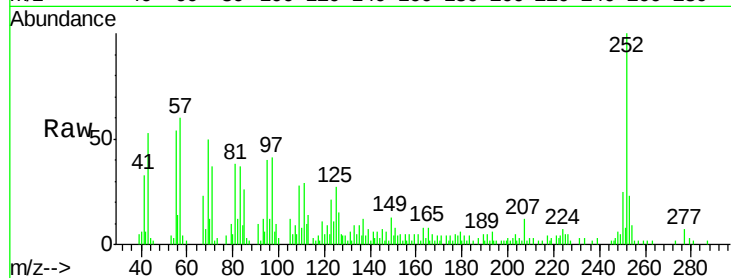
Tgt Ion: 252 Resp: 37847

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 26.6 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

