

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
 Data File : BF078345.D
 Acq On : 8 Apr 2015 20:33
 Operator : TP/IZ
 Sample : G1793-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Quant Time: Apr 09 01:42:25 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 00:49:15 2015
 Response via : Initial Calibration

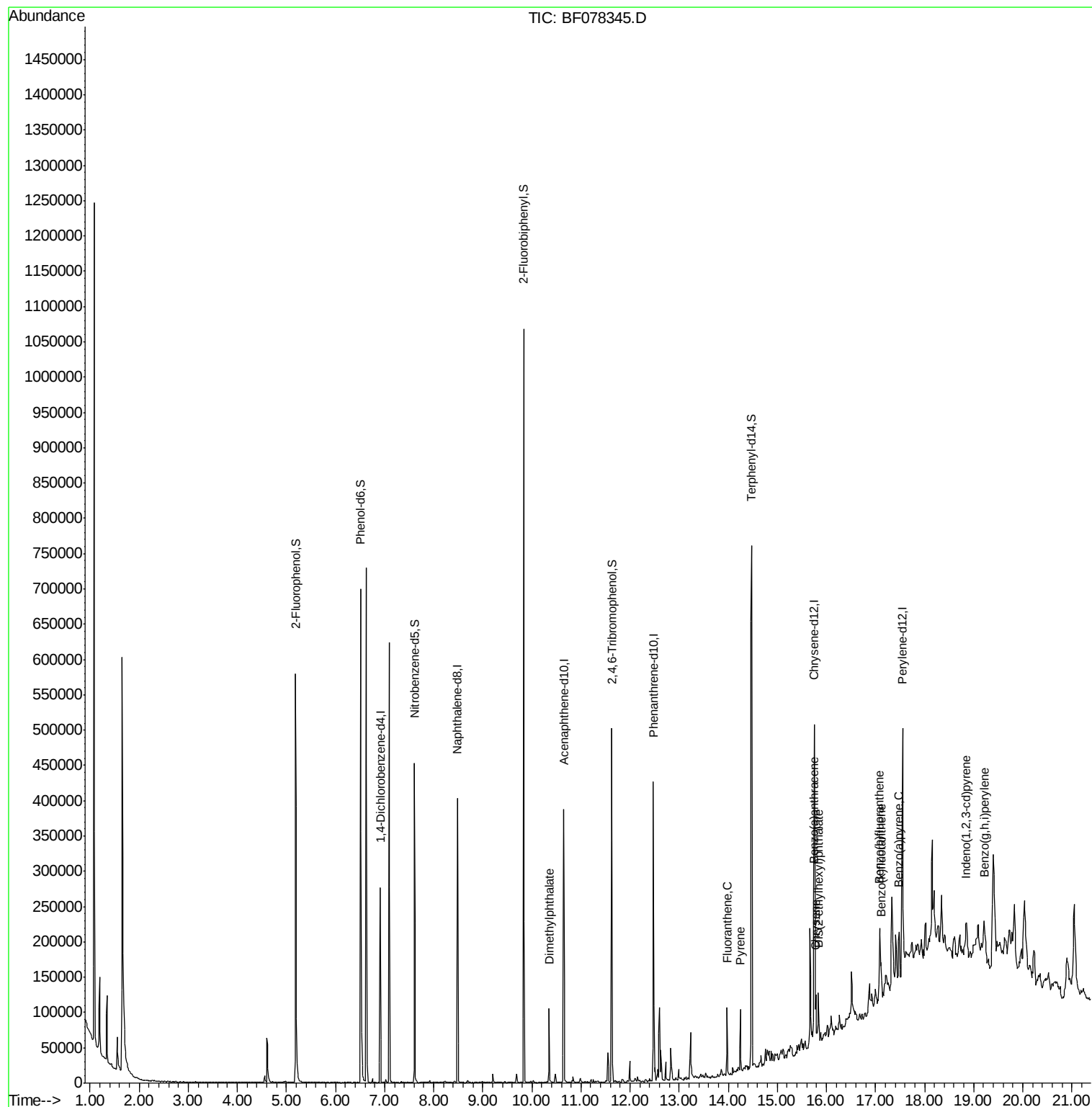
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	43907	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	176122	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	84851	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	162886	20.00	ng	0.00
75) Chrysene-d12	15.76	240	174773	20.00	ng	-0.01
86) Perylene-d12	17.55	264	169162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	236057	88.64	ng	0.01
7) Phenol-d6	6.51	99	300465	90.03	ng	0.00
23) Nitrobenzene-d5	7.61	82	170796	58.78	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	72987	103.72	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	331210	55.80	ng	0.00
78) Terphenyl-d14	14.48	244	346513	44.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.35	163	42494	6.67	ng	99
74) Fluoranthene	13.97	202	36277	3.65	ng	92
77) Pyrene	14.25	202	34058	3.10	ng	# 95
80) Benzo(a)anthracene	15.75	228	34162m	3.29	ng	
82) Chrysene	15.79	228	30379	3.11	ng	98
83) Bis(2-ethylhexyl)phthalate	15.84	149	22077	3.37	ng	# 98
85) Indeno(1,2,3-cd)pyrene	18.85	276	29897	2.70	ng	# 88
87) Benzo(b)fluoranthene	17.08	252	62282m	5.96	ng	
88) Benzo(k)fluoranthene	17.12	252	20719m	2.23	ng	
89) Benzo(a)pyrene	17.48	252	36283	3.98	ng	# 90
91) Benzo(g,h,i)perylene	19.22	276	30206	3.30	ng	98

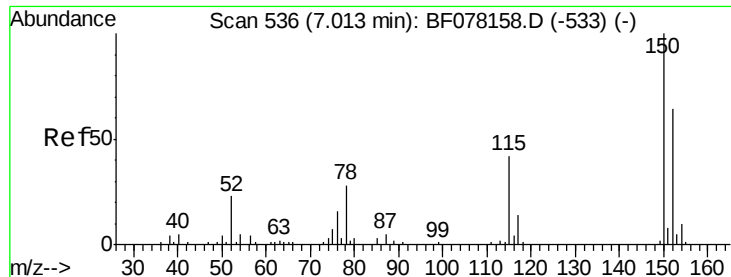
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

Instrument :

BNA_F

ClientSampleId :

SB-5S

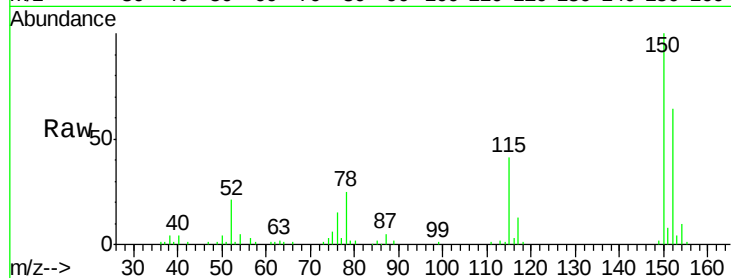
Tot Ion:152 Resp: 43907

Ion Ratio Lower Upper

152 100

150 157.1 125.9 188.9

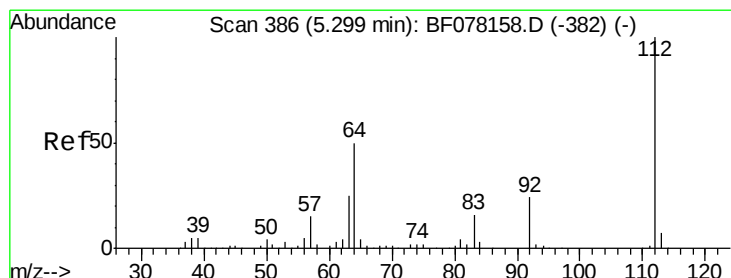
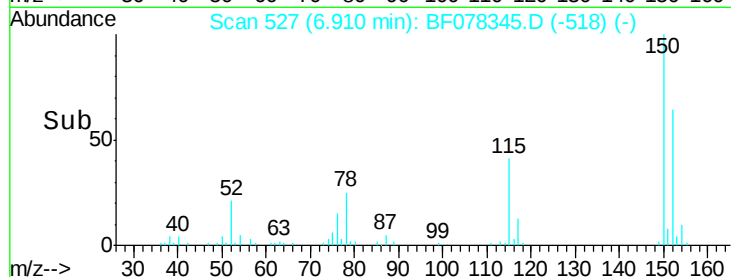
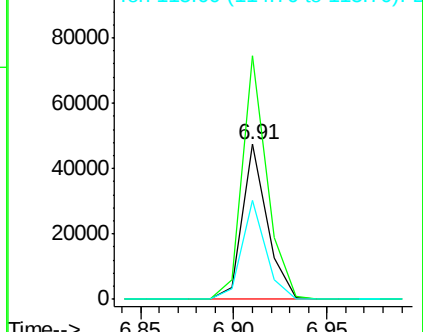
115 63.7 52.7 79.1



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: 88.64 ng

RT: 5.18 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

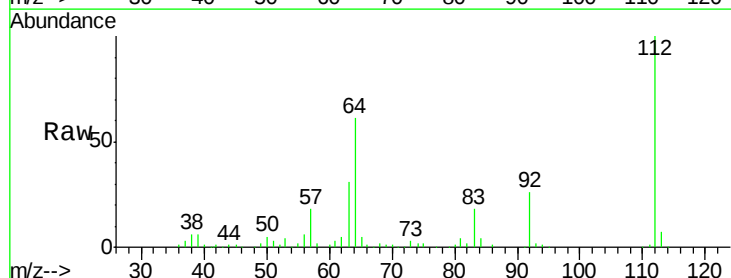
Tgt Ion:112 Resp: 236057

Ion Ratio Lower Upper

112 100

64 61.0 39.9 59.9#

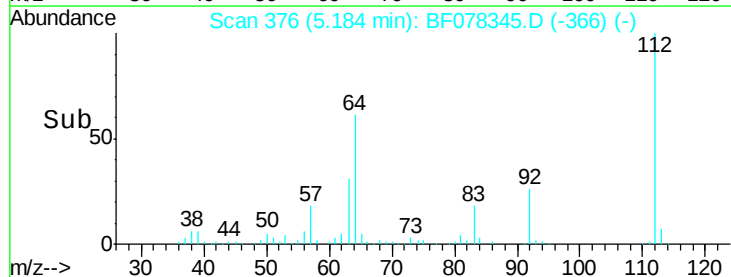
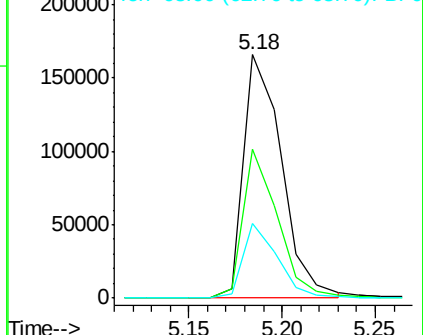
63 30.9 20.2 30.4#



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: 90.03 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

Instrument :

BNA_F

ClientSampleId :

SB-5S

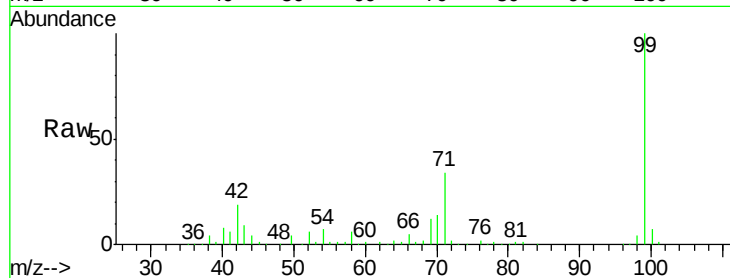
Tot Ion: 99 Resp: 300465

Ion Ratio Lower Upper

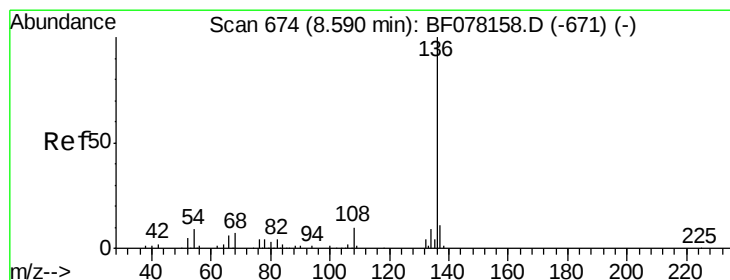
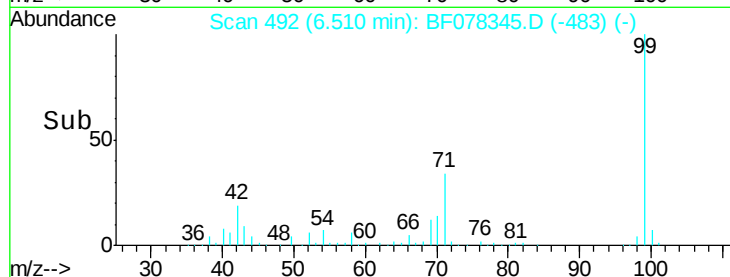
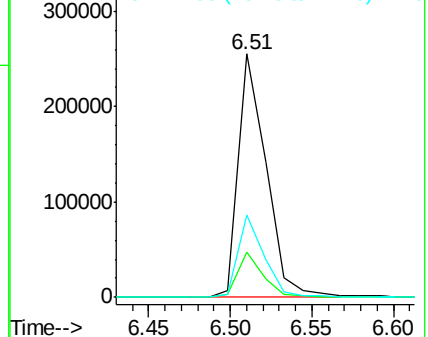
99 100

42 18.8 14.8 22.2

71 33.9 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

Tgt Ion: 136 Resp: 176122

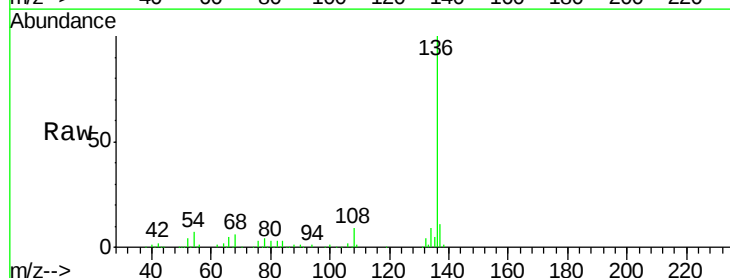
Ion Ratio Lower Upper

136 100

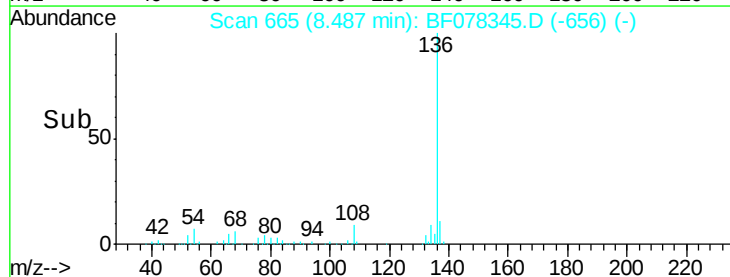
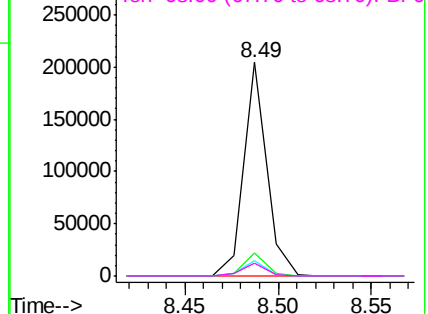
137 10.8 9.0 13.4

54 7.4 7.0 10.6

68 6.0 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

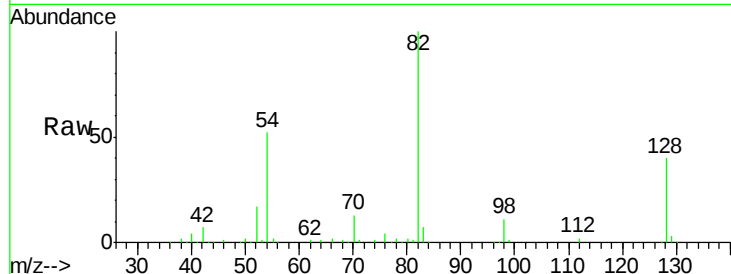




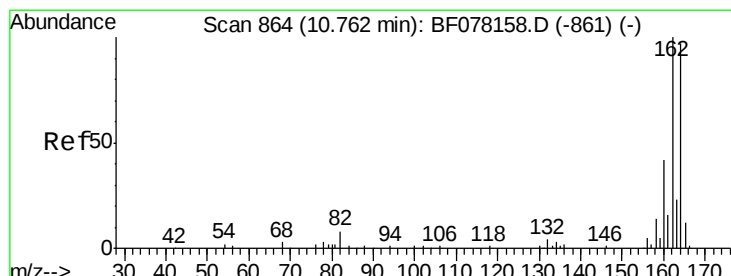
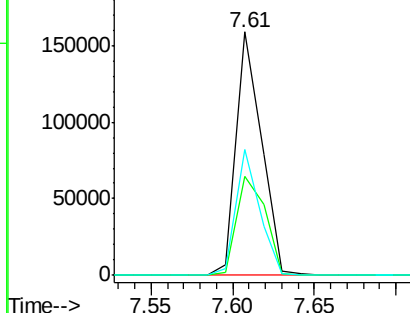
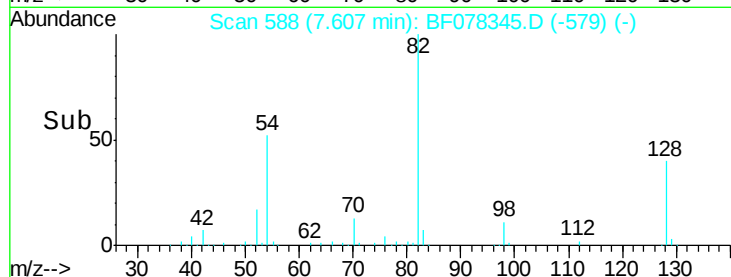
#23
Nitrobenzene-d5
Concen: 58.78 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampled :
SB-5S

Tot Ion: 82 Resp: 170796
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.8
54 51.9 41.5 62.3

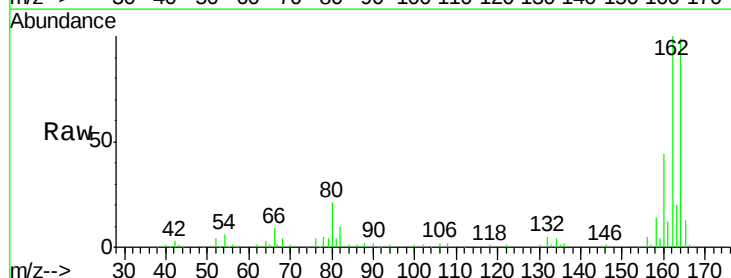


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

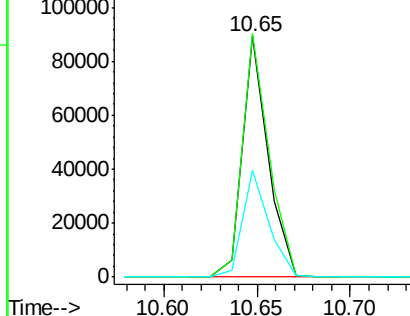
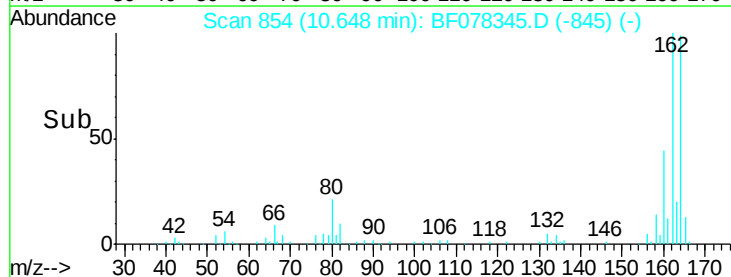


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:164 Resp: 84851
Ion Ratio Lower Upper
164 100
162 101.2 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

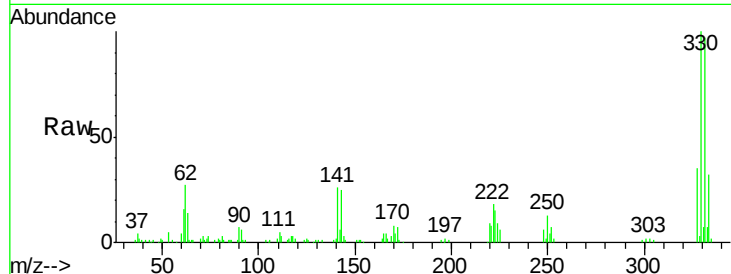




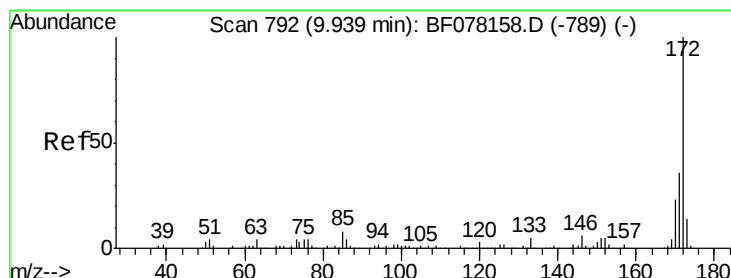
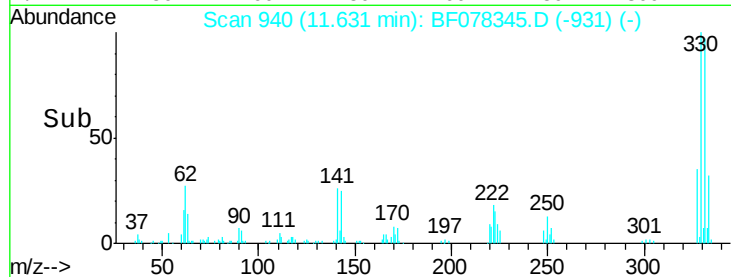
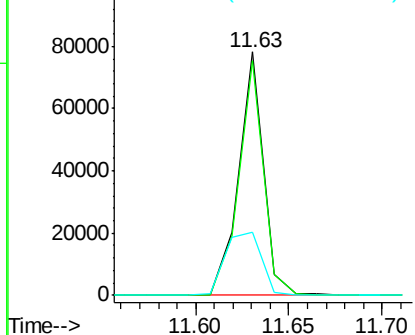
#41
 2,4,6-Tribromophenol
 Concen: 103.72 ng
 RT: 11.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

Instrument :
 BNA_F
 ClientSampled :
 SB-5S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	117.8
141	37.9	31.2	46.8

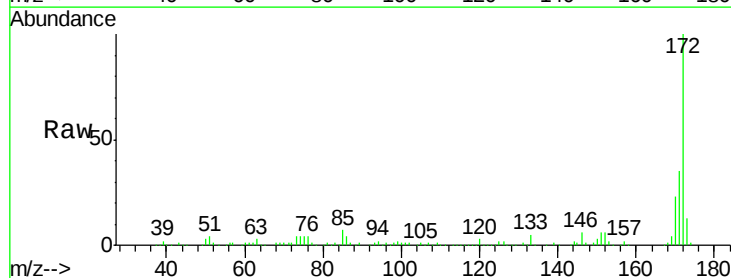


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

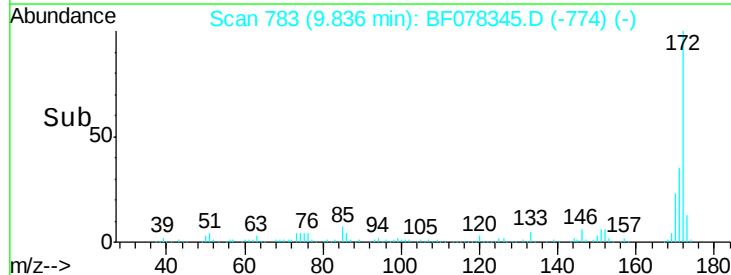
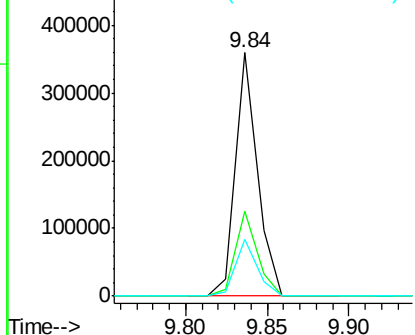


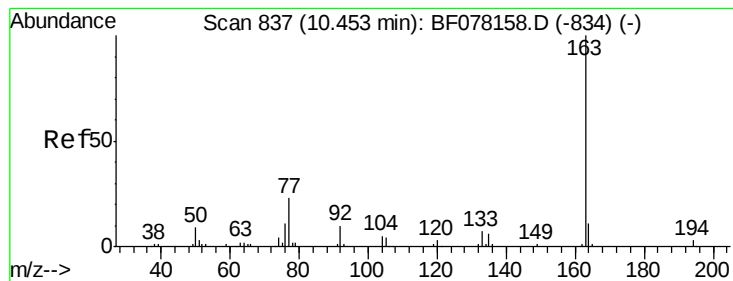
#44
 2-Fluorobiphenyl
 Concen: 55.80 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.5	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: 6.67 ng

RT: 10.35 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

Instrument :

BNA_F

ClientSampleId :

SB-5S

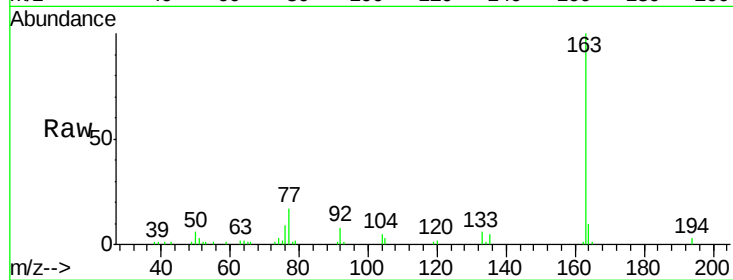
Tot Ion:163 Resp: 42494

Ion Ratio Lower Upper

163 100

194 3.4 2.3 3.5

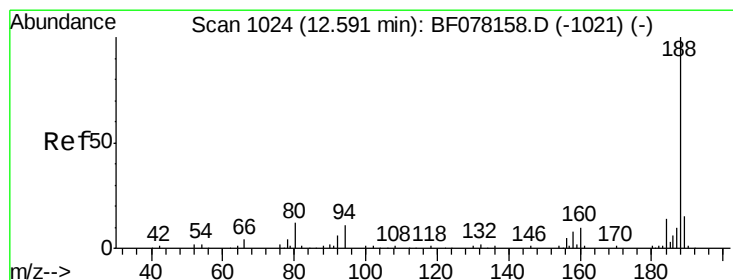
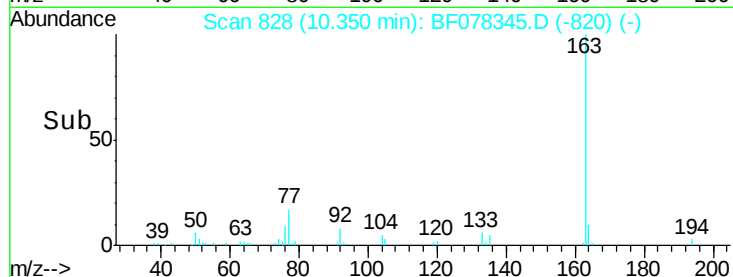
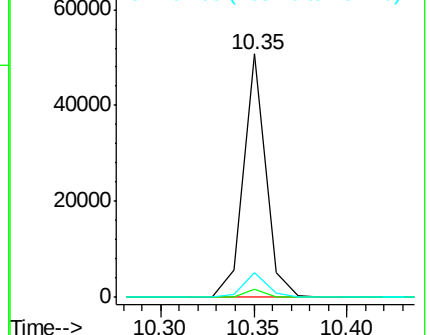
164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

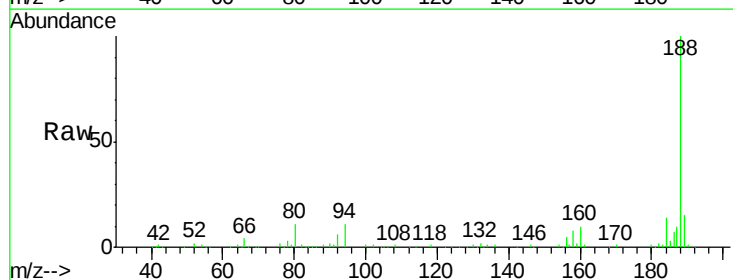
Tgt Ion:188 Resp: 162886

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

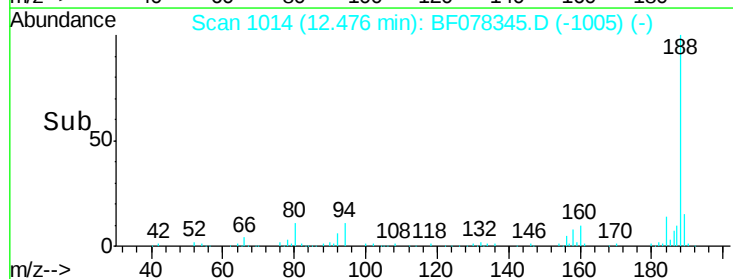
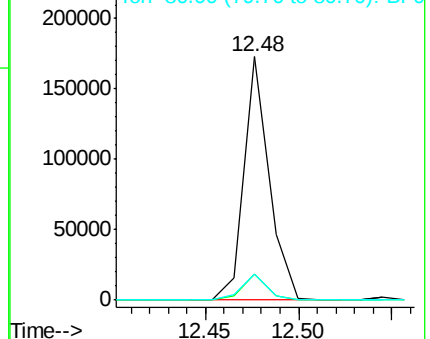
80 10.8 9.5 14.3

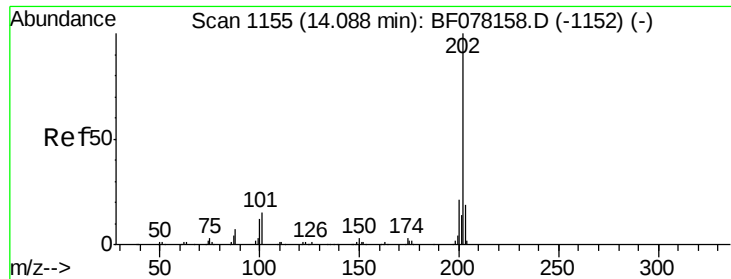


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.65 ng

RT: 13.97 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

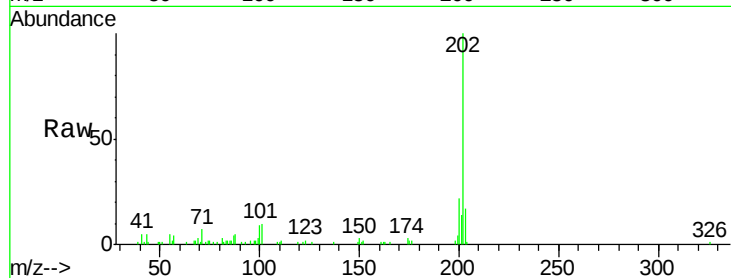
Instrument :

BNA_F

ClientSampleId :

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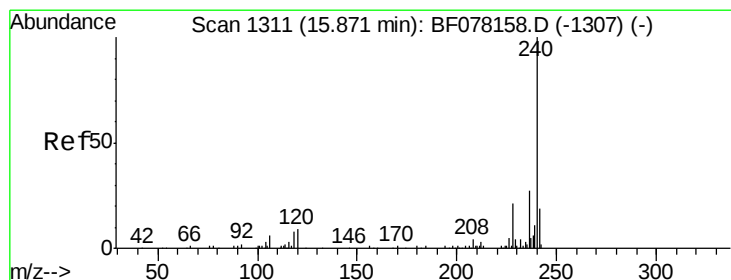
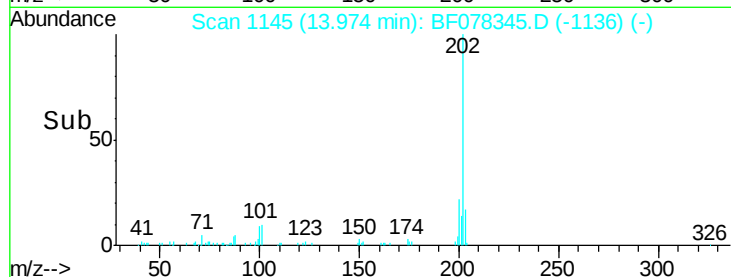
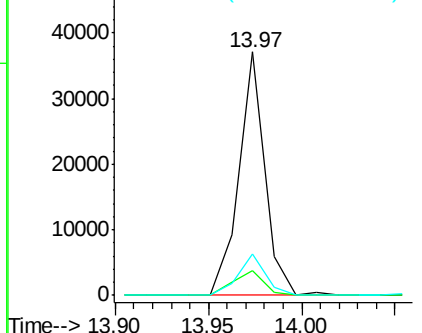
Tot Ion:202	Resp:	36277
Ion Ratio	Lower	Upper
202	100	
101	10.2	0.0 35.2
203	16.8	0.0 38.5



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

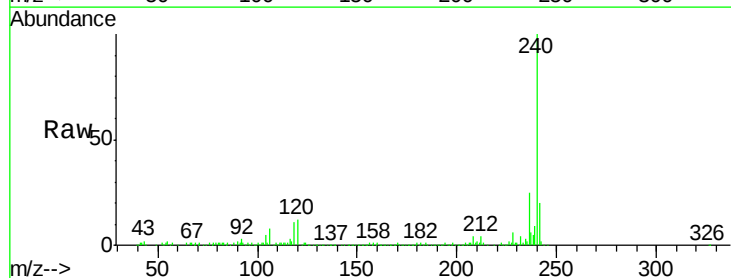
RT: 15.76 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

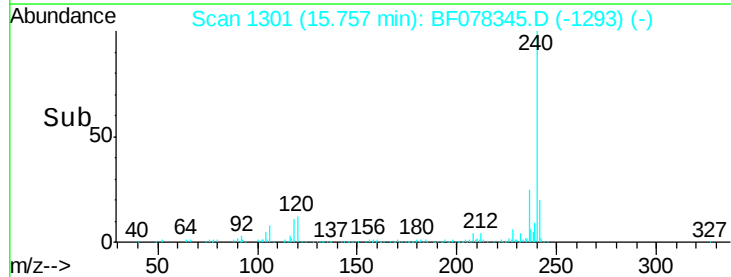
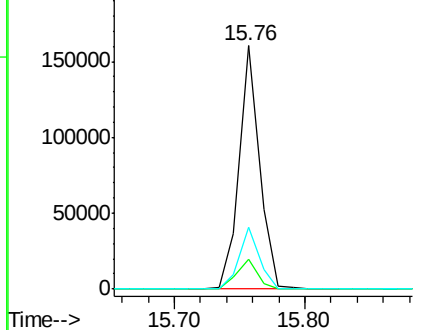
Tgt Ion:240	Resp:	174773
Ion Ratio	Lower	Upper
240	100	
120	12.2	7.1 10.7#
236	25.2	21.4 32.2

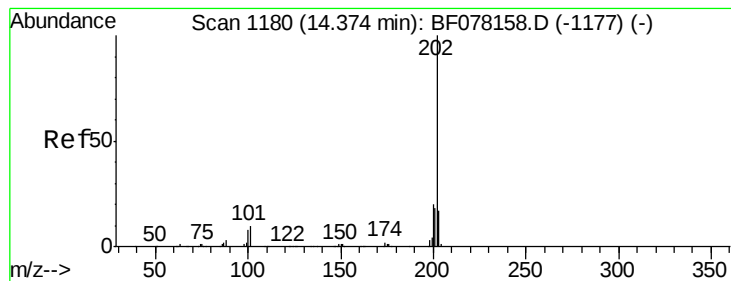


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.10 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

Instrument :

BNA_F

ClientSampleId :

SB-5S

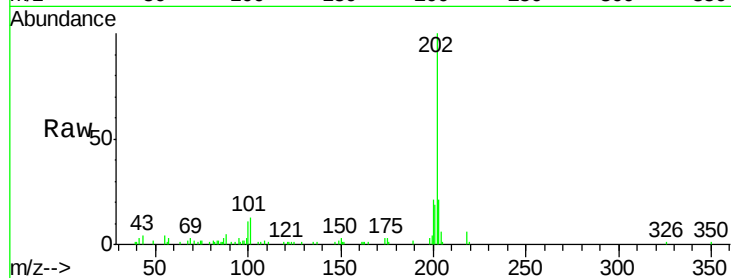
Tot Ion:202 Resp: 34058

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

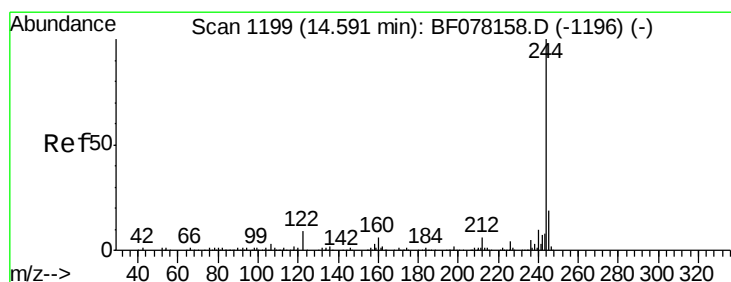
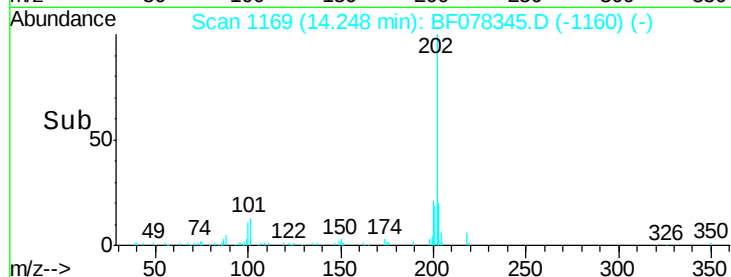
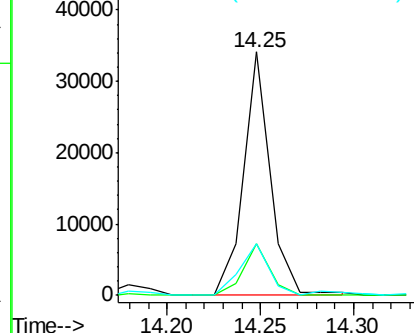
203 21.0 13.8 20.6#



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: 44.80 ng

RT: 14.48 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

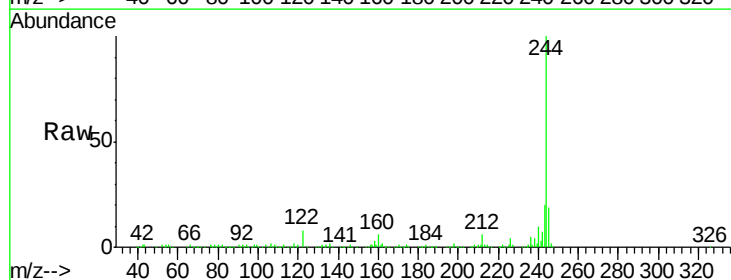
Tgt Ion:244 Resp: 346513

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

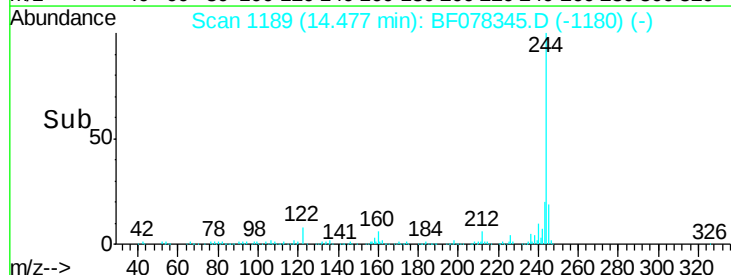
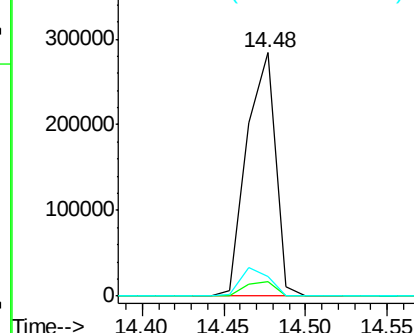
122 8.0 7.1 10.7

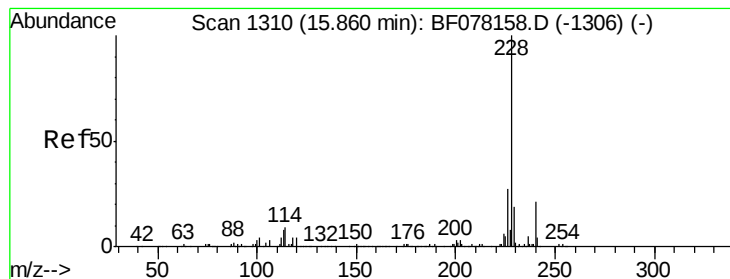


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 3.29 ng

RT: 15.75 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

Instrument :

BNA_F

ClientSampleId :

SB-5S

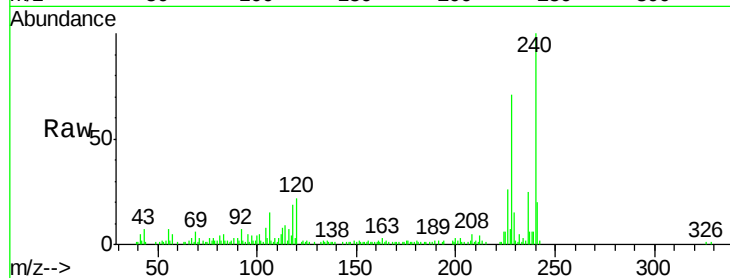
Tot Ion:228 Resp: 34162

Ion Ratio Lower Upper

228 100

226 35.8 21.3 31.9#

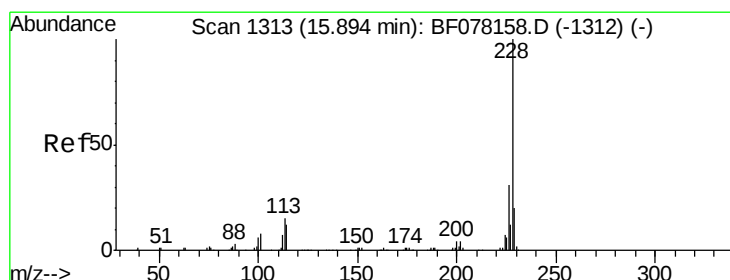
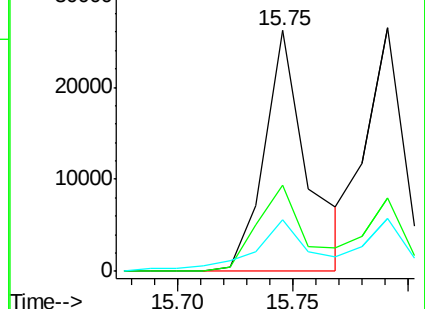
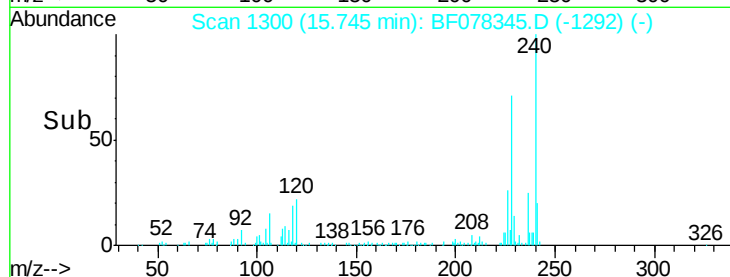
229 21.4 15.4 23.2



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: 3.11 ng

RT: 15.79 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

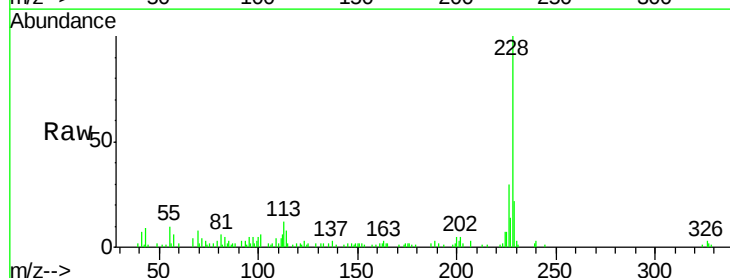
Tgt Ion:228 Resp: 30379

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

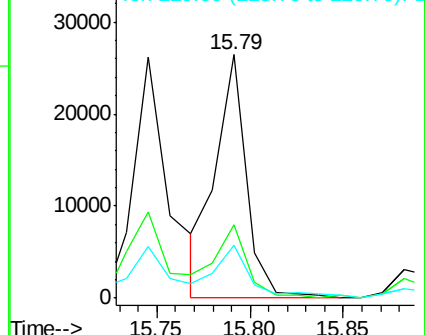
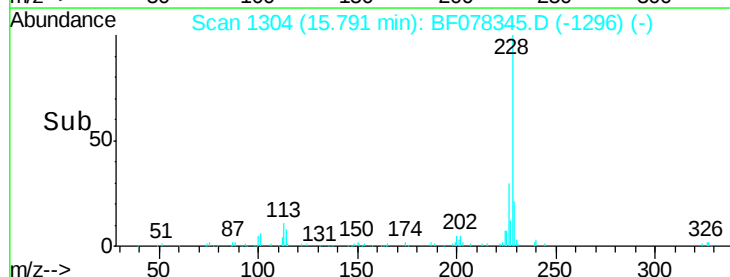
229 21.9 15.8 23.8

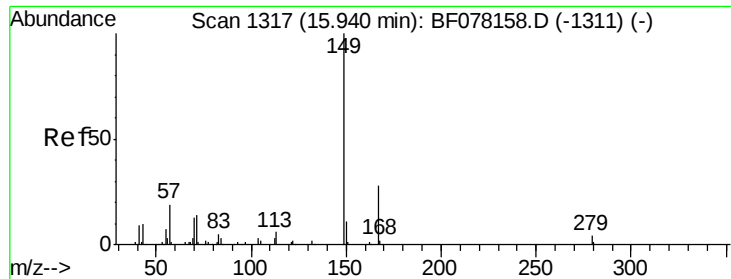


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

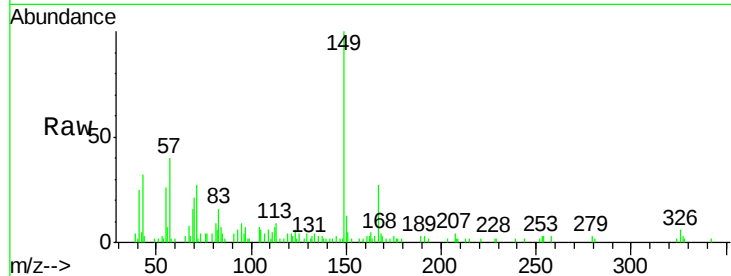




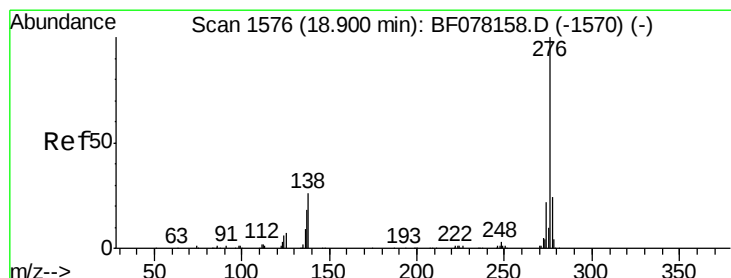
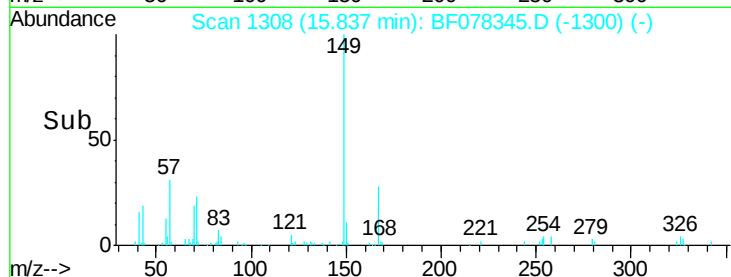
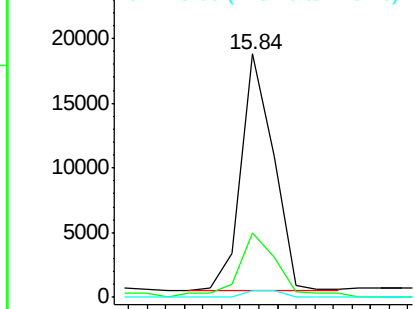
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.37 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Tot Ion:149 Resp: 22077
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.2 33.2
 279 2.8 3.2 4.8#

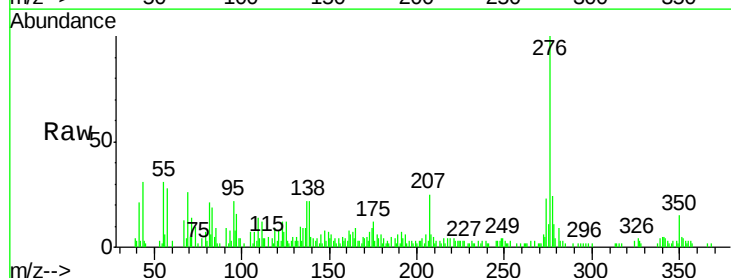


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

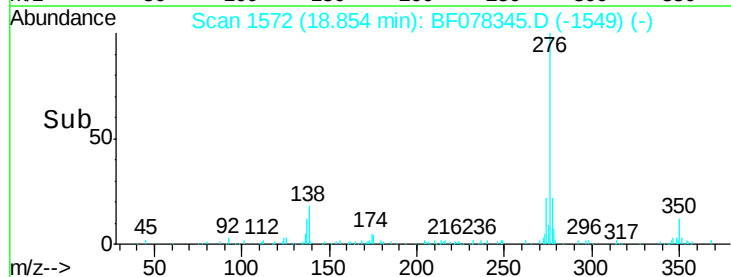
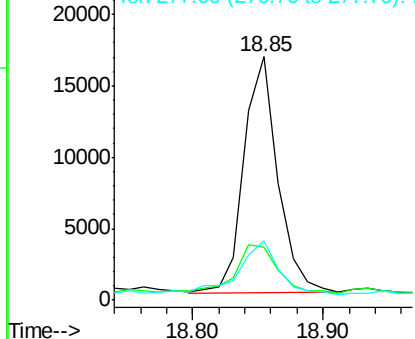


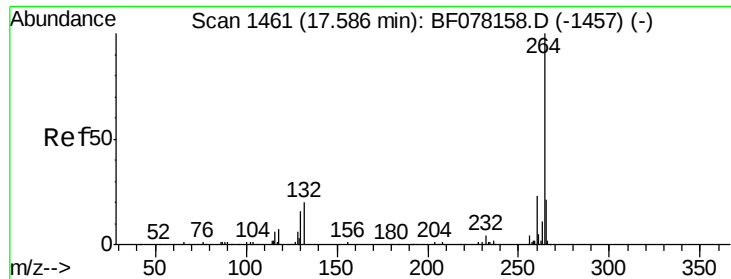
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.70 ng
 RT: 18.85 min Scan# 1572
 Delta R.T. -0.03 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

Tgt Ion:276 Resp: 29897
 Ion Ratio Lower Upper
 276 100
 138 25.3 16.9 25.3
 277 26.8 15.8 23.6#



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

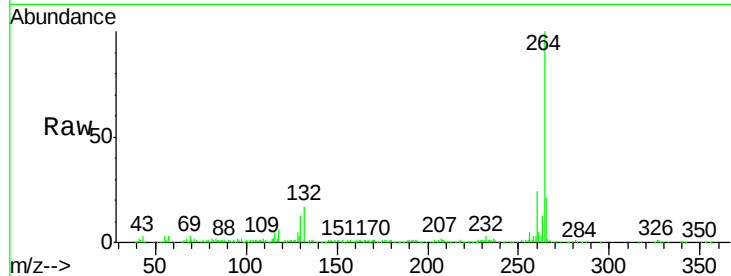




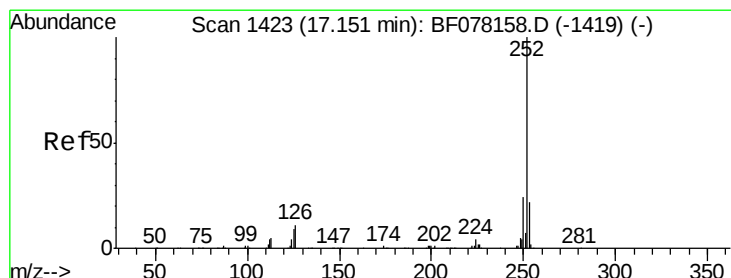
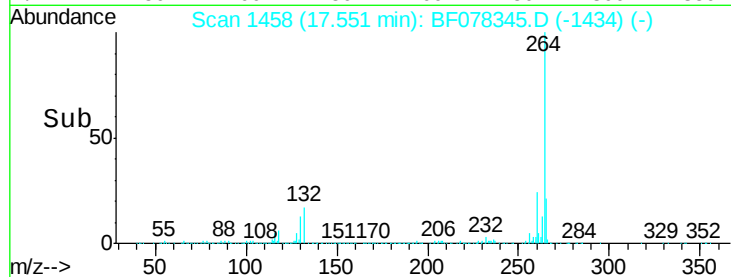
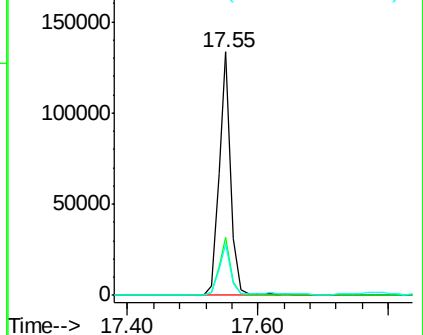
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

Tot Ion:264 Resp: 169162
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 21.2 17.0 25.6

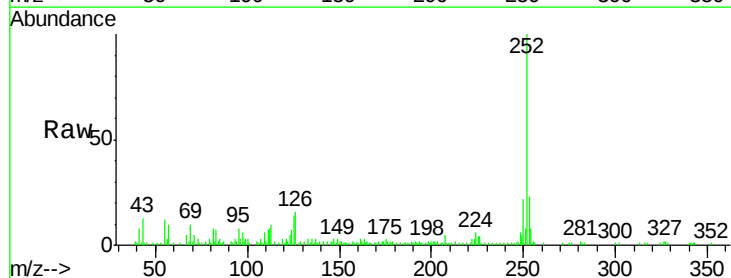


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

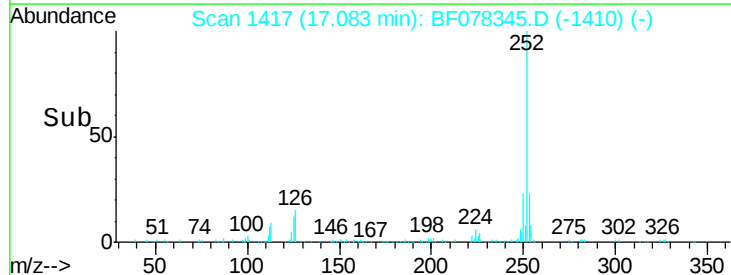
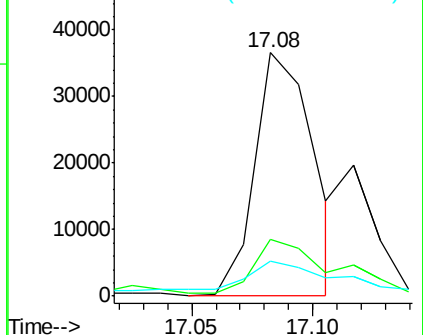


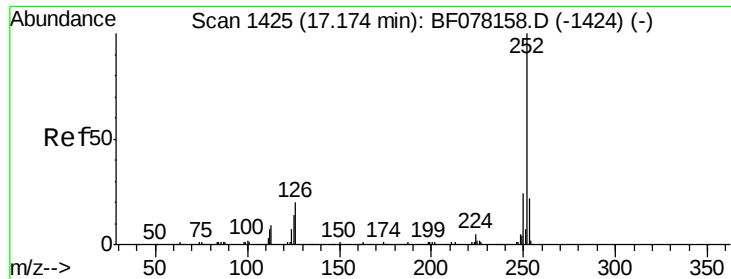
#87
Benzo(b)fluoranthene
Concen: 5.96 ng m
RT: 17.08 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:252 Resp: 62282
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 14.5 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

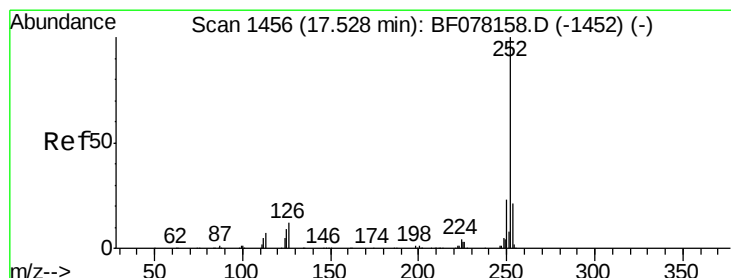
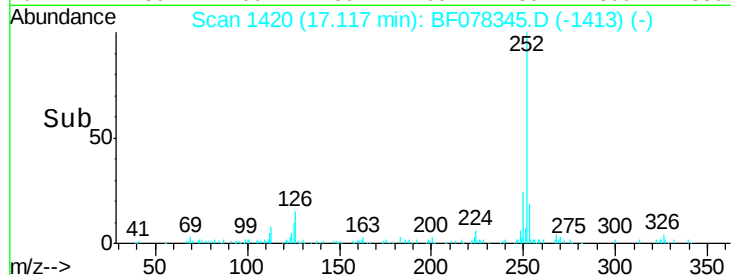
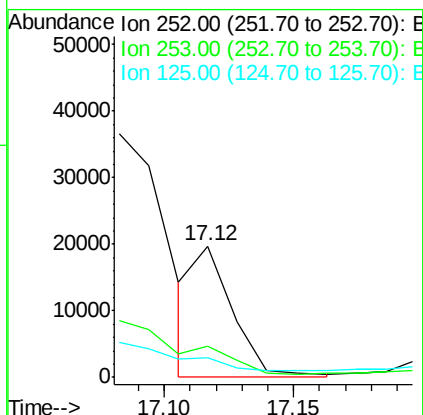
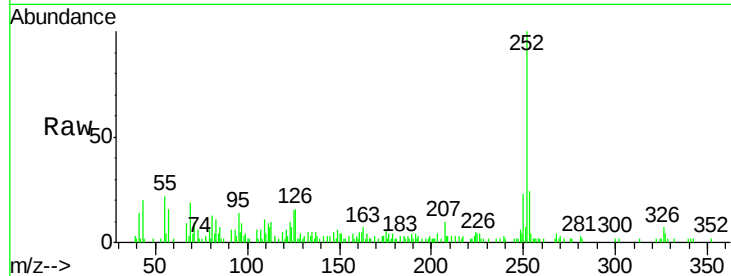




#88
Benzo(k)fluoranthene
Concen: 2.23 ng m
RT: 17.12 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

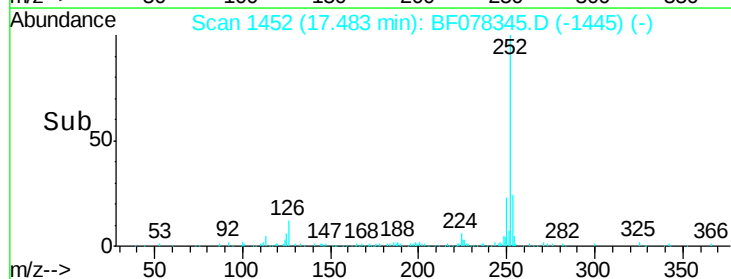
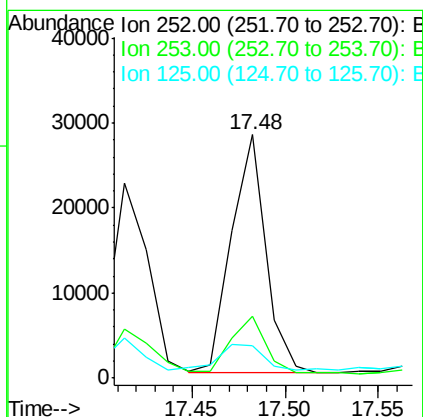
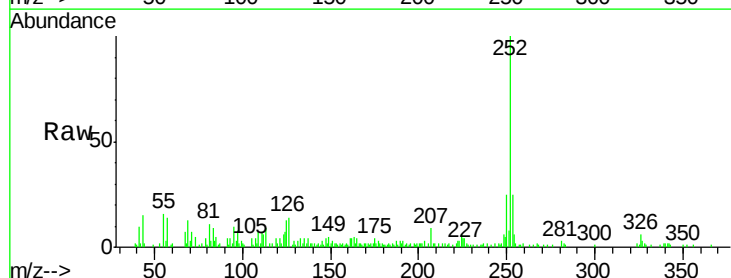
Instrument :
BNA_F
ClientSampled :
SB-5S

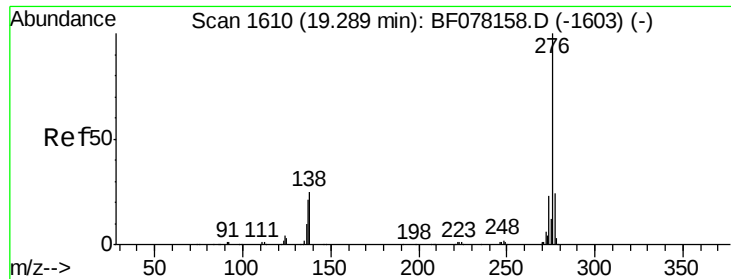
Tot Ion:252 Resp: 20719
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 14.7 11.6 17.4



#89
Benzo(a)pyrene
Concen: 3.98 ng
RT: 17.48 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:252 Resp: 36283
Ion Ratio Lower Upper
252 100
253 25.4 16.8 25.2#
125 13.5 7.4 11.0#





#91
 Benzo(a,h,i)perylene
 Concen: 3.30 ng
 RT: 19.22 min Scan# 1604
 Delta R.T. -0.03 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	23.6	19.9	29.9

