

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 01:08:32 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

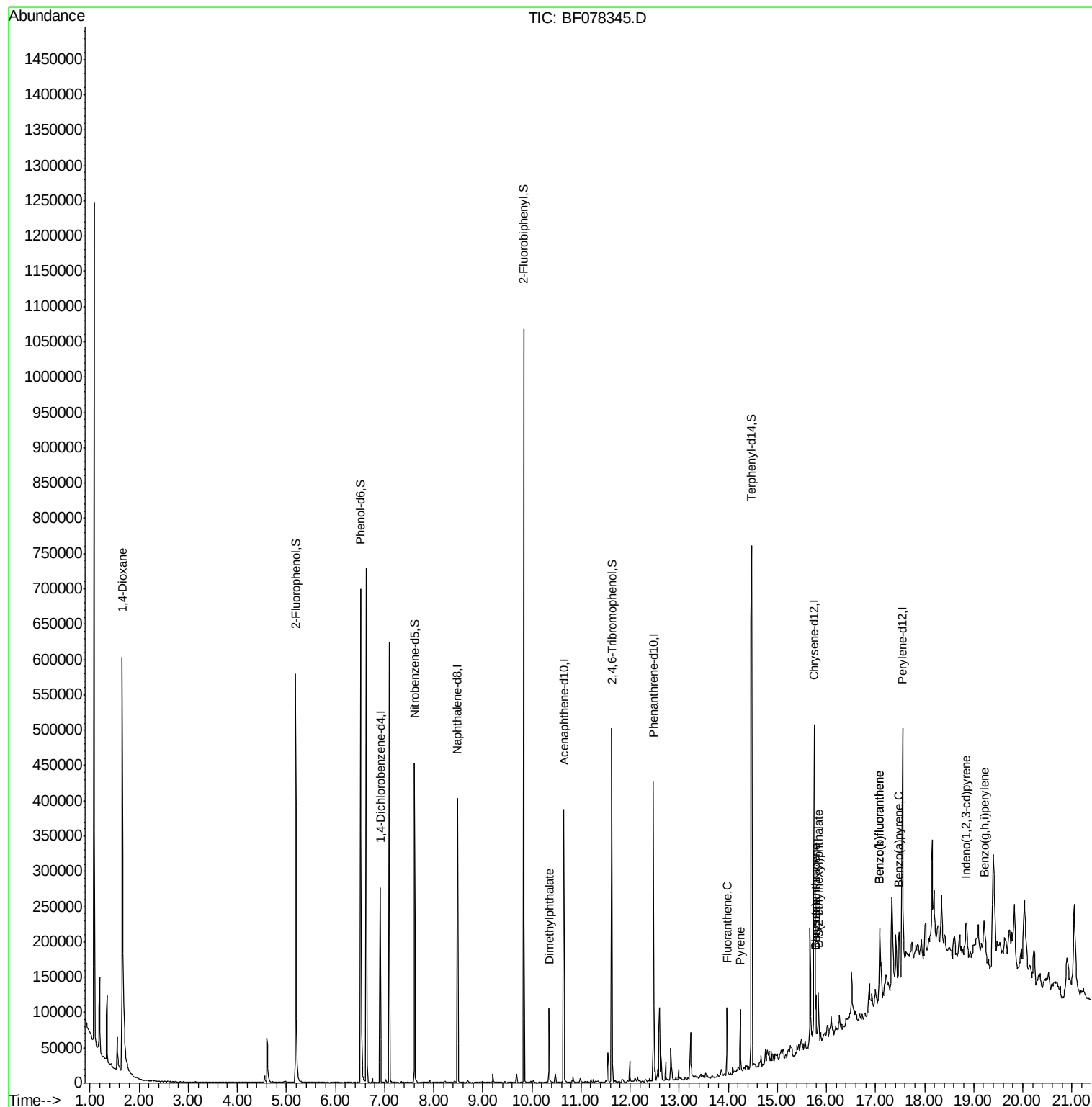
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.65	88	22091	18.35	ng	# 23
49) Dimethylphthalate	10.35	163	42494	6.67	ng	99
74) Fluoranthene	13.97	202	36277	3.65	ng	92
77) Pyrene	14.25	202	34058	3.10	ng	# 95
80) Benzo(a)anthracene	15.79	228	21114	2.03	ng	94
82) Chrysene	15.79	228	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	82208	7.86	ng	# 93
88) Benzo(k)fluoranthene	17.08	252	83001	8.93	ng	98
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

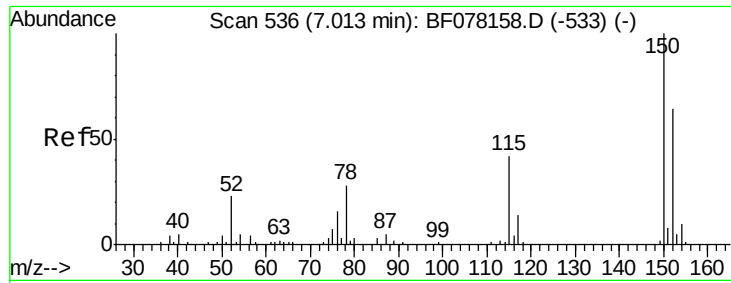
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 01:08:32 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





#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

ClientSampled :

SB-5S

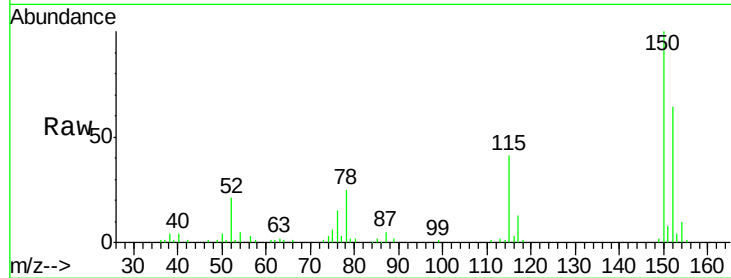
Tgt Ion:152 Resp: 43907

Ion Ratio Lower Upper

152 100

150 157.1 125.9 188.9

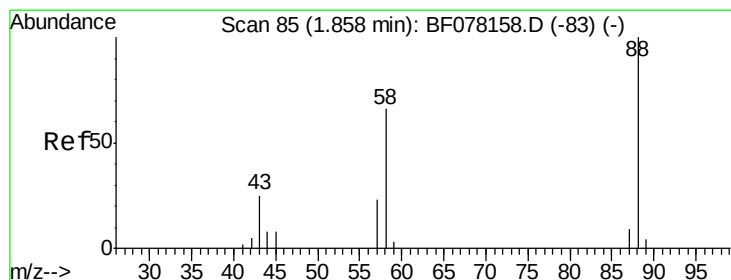
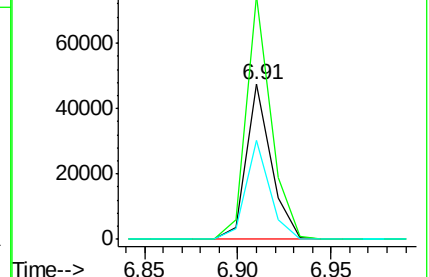
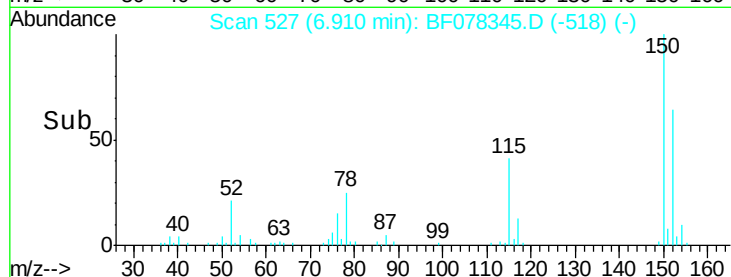
115 63.7 52.7 79.1



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



#2

1,4-Dioxane

Concen: 18.35 ng

RT: 1.65 min Scan# 67

Delta R.T. -0.07 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

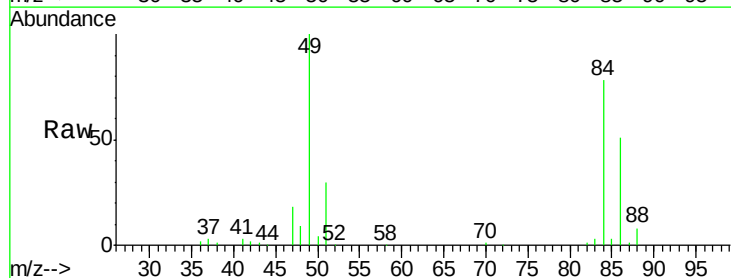
Tgt Ion: 88 Resp: 22091

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

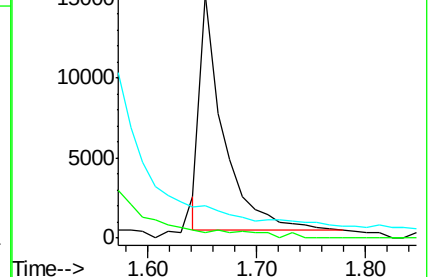
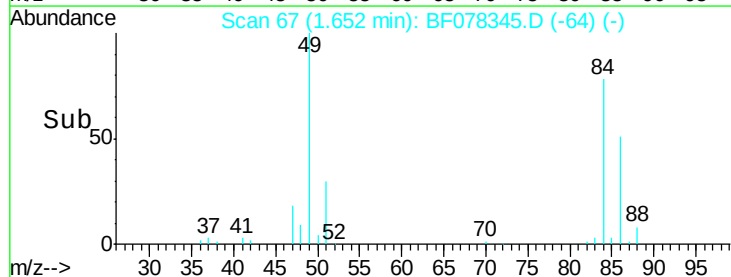
43 0.0 21.4 32.2#

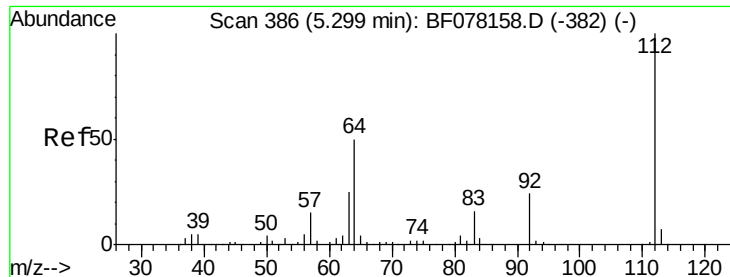


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 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

Instrument :

BNA_F

ClientSampleId :

SB-5S

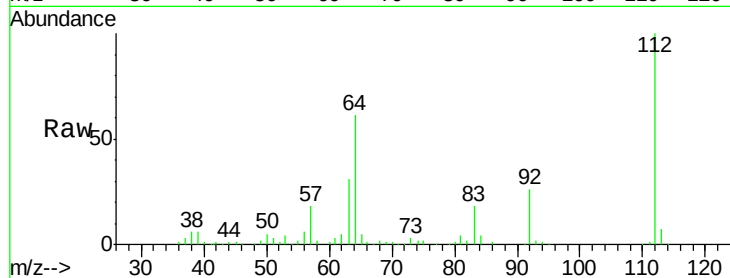
Tgt Ion: 112 Resp: 236057

Ion Ratio Lower Upper

112 100

64 61.0 39.9 59.9#

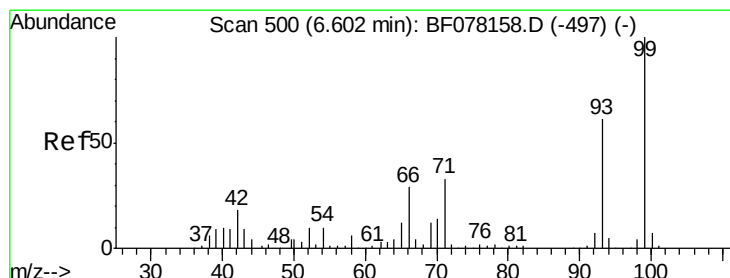
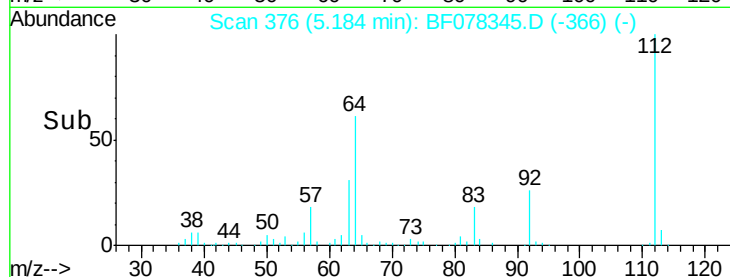
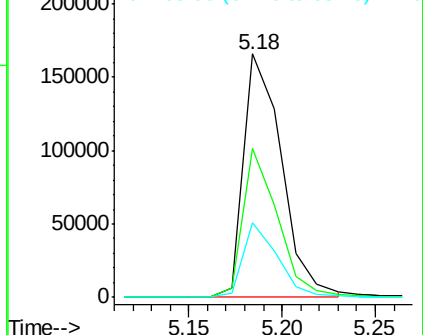
63 30.9 20.2 30.4#



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

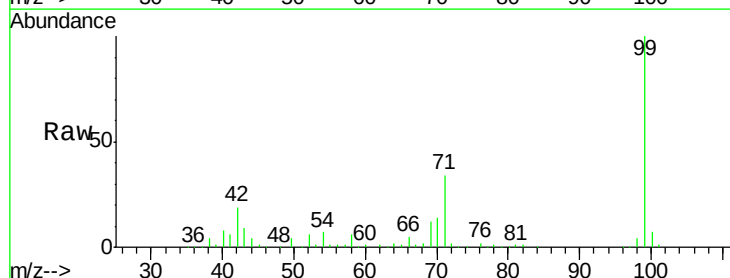
Tgt Ion: 99 Resp: 300465

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

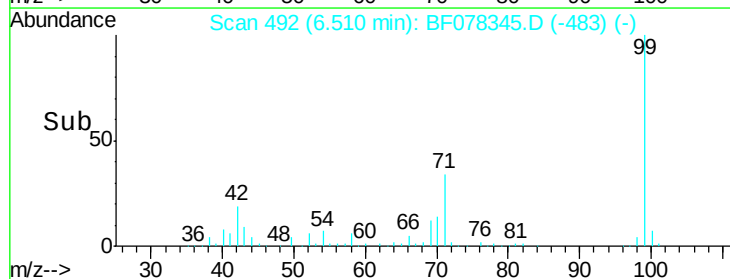
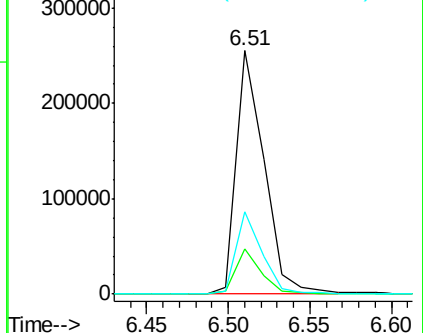
71 33.9 26.6 39.8

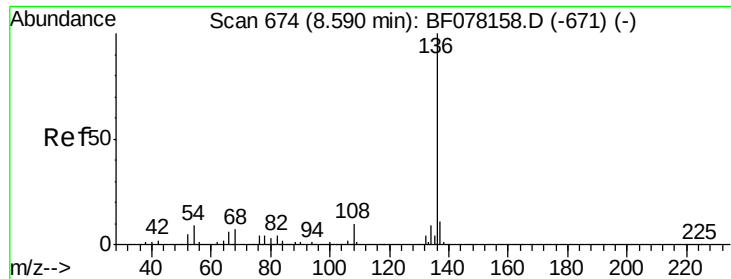


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

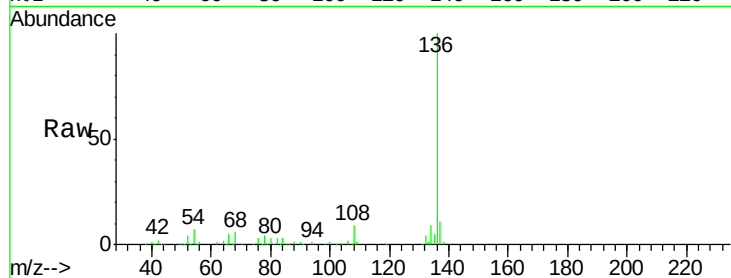




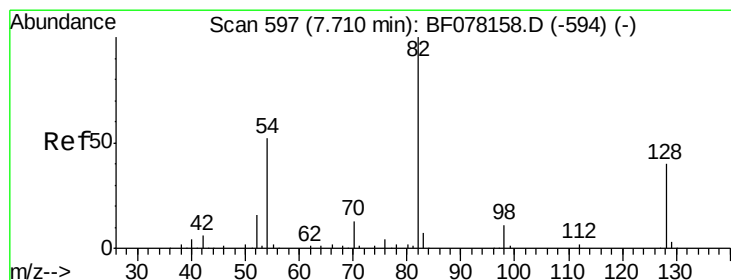
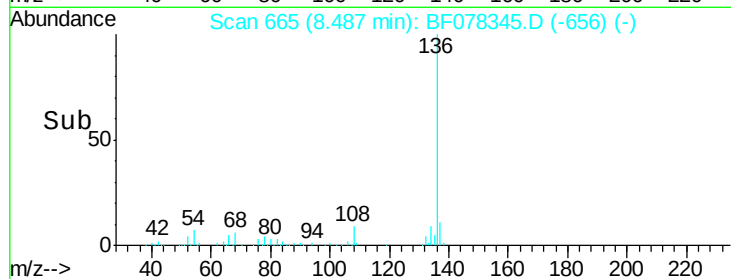
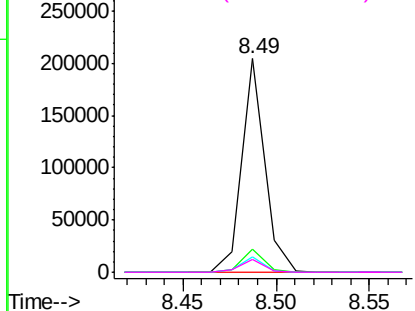
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.49 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

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

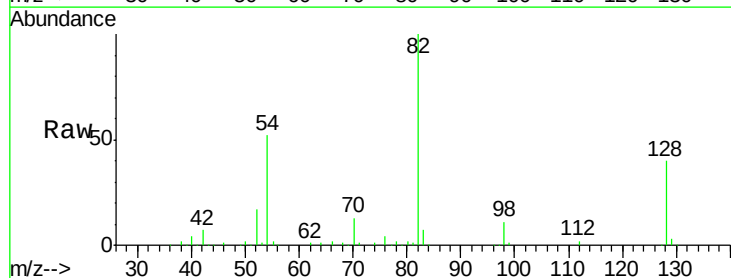


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

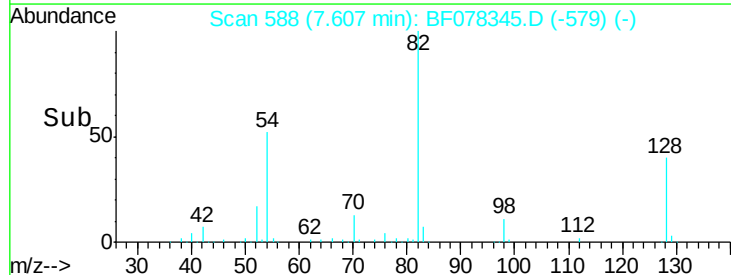
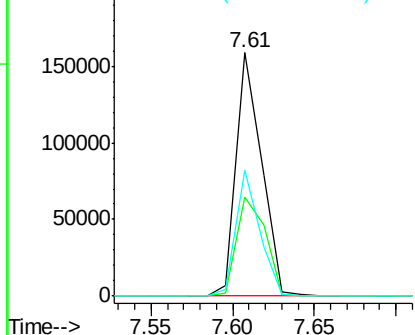


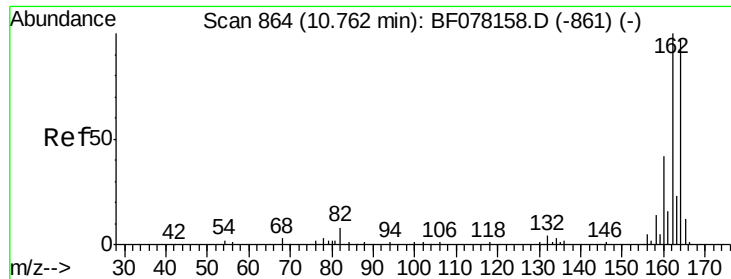
#23
Nitrobenzene-d5
Concen: 58.78 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt 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): E
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

Instrument :

BNA_F

ClientSampleId :

SB-5S

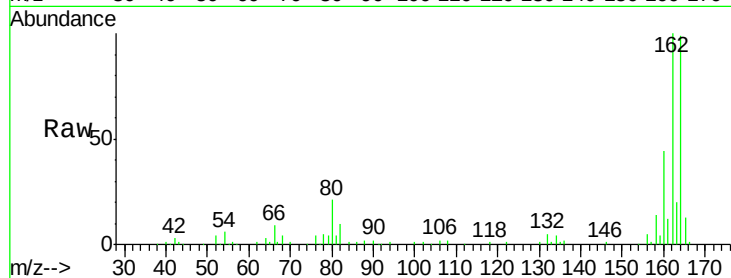
Tgt Ion:164 Resp: 84851

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

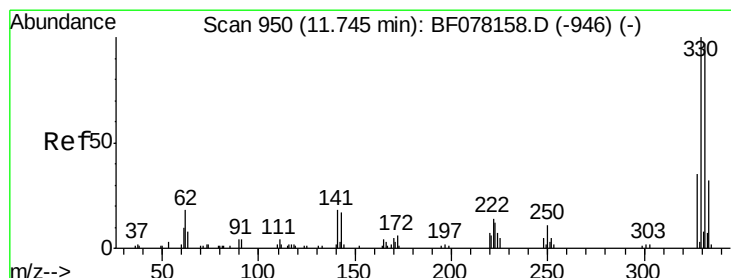
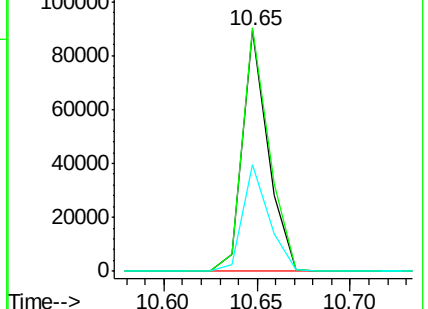
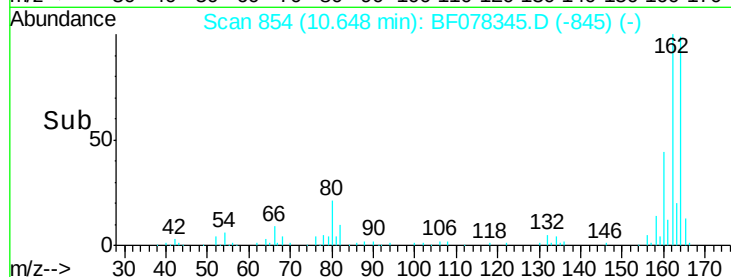
160 44.5 34.7 52.1



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

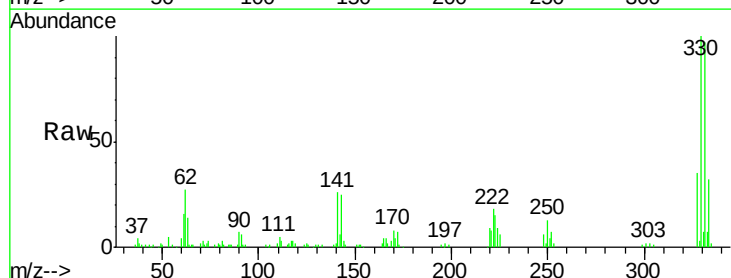
Tgt Ion:330 Resp: 72987

Ion Ratio Lower Upper

330 100

332 95.8 78.6 117.8

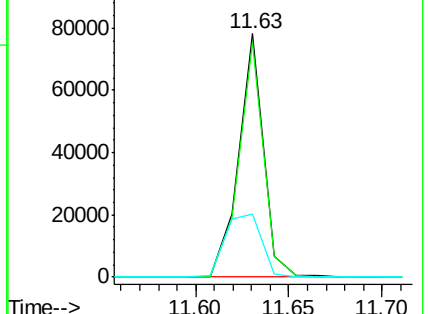
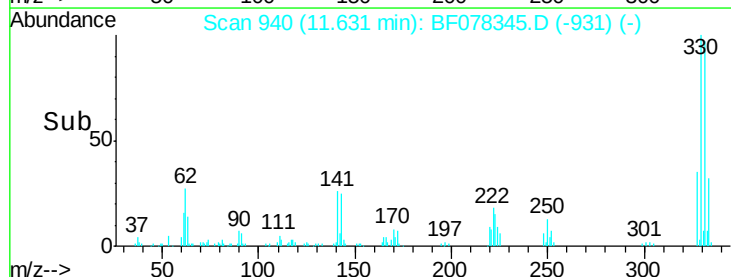
141 37.9 31.2 46.8

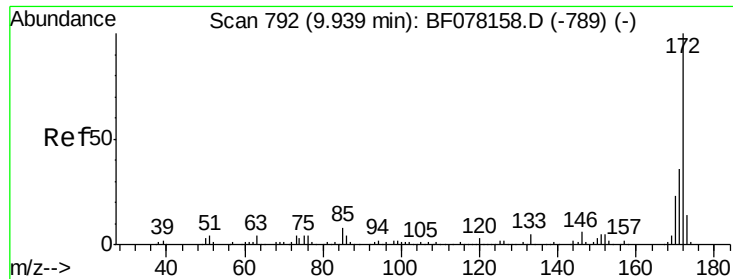


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

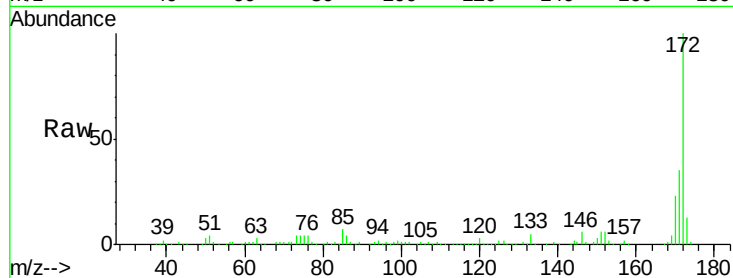




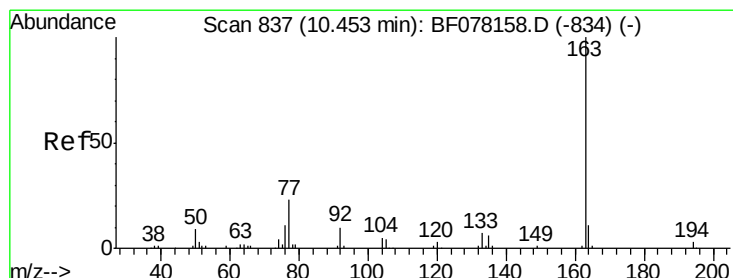
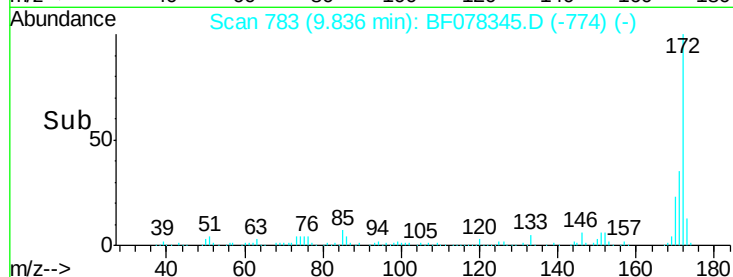
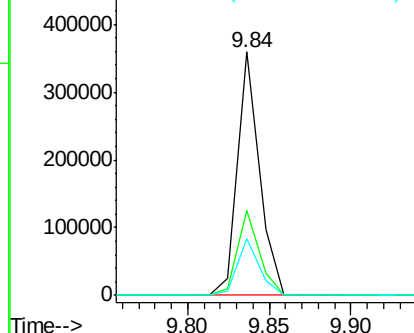
#44
 2-Fluorobiphenyl
 Concen: 55.80 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

Tgt Ion:172 Resp: 331210
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.5 18.5 27.7

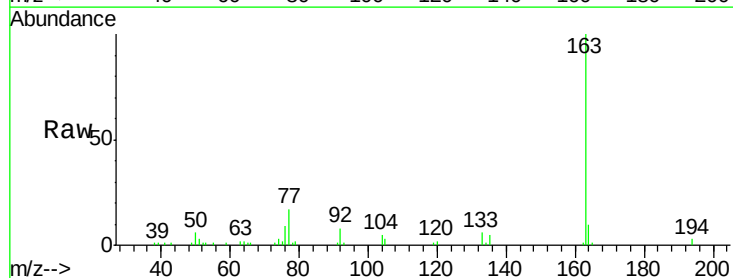


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

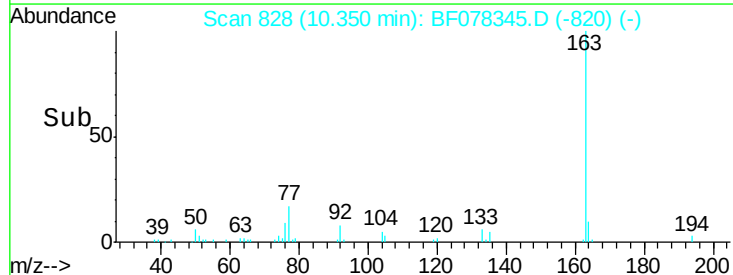
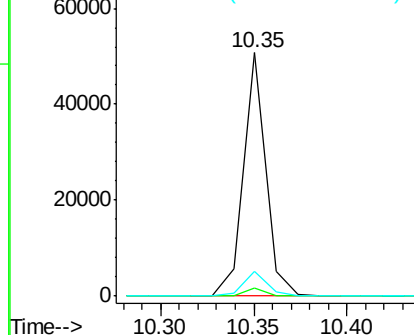


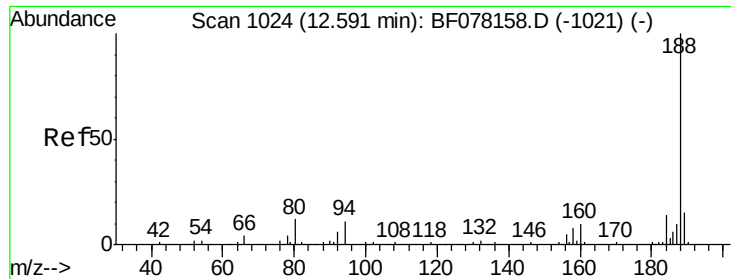
#49
 Dimethylphthalate
 Concen: 6.67 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

Tgt 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

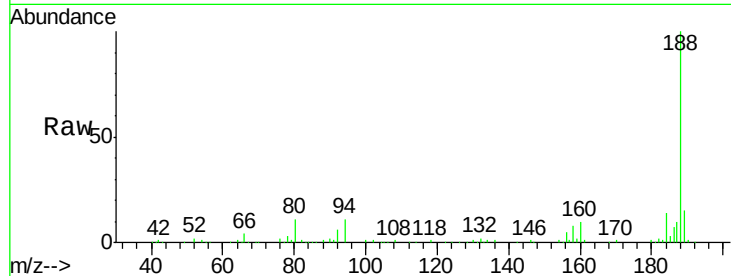




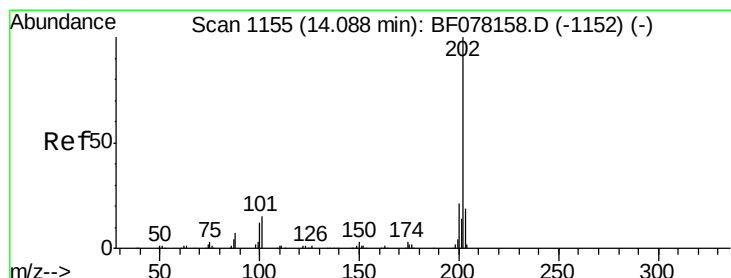
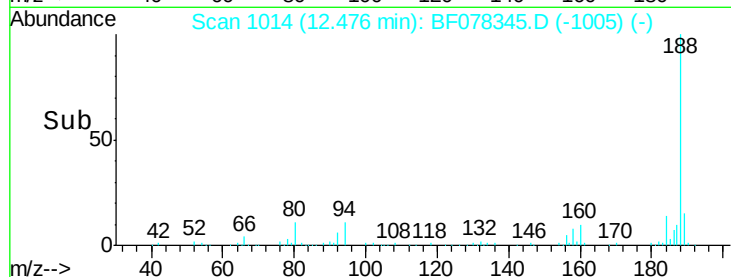
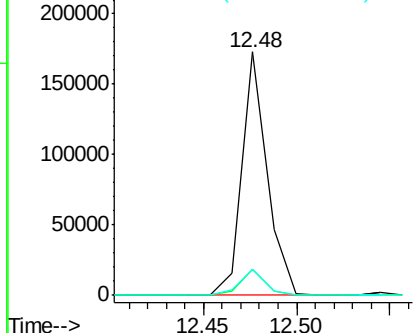
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Instrument :
BNA_F
ClientSampleId :
SB-5S

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

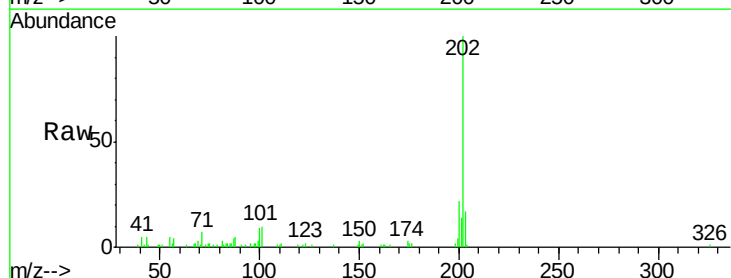


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

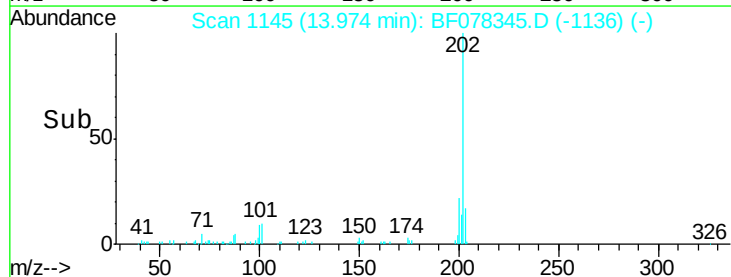
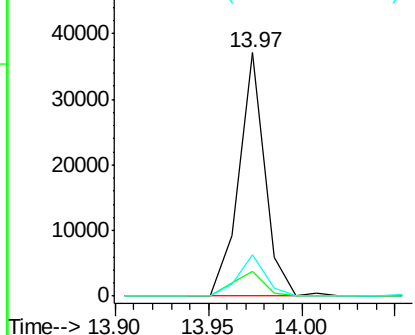


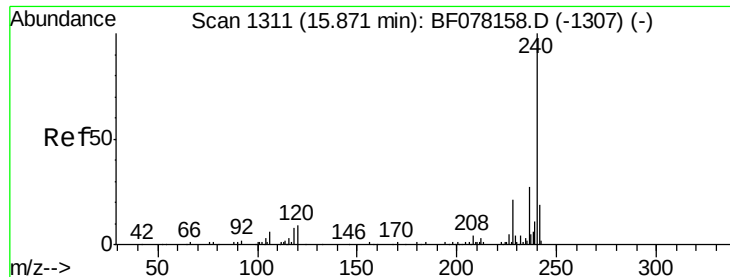
#74
Fluoranthene
Concen: 3.65 ng
RT: 13.97 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SB-5S

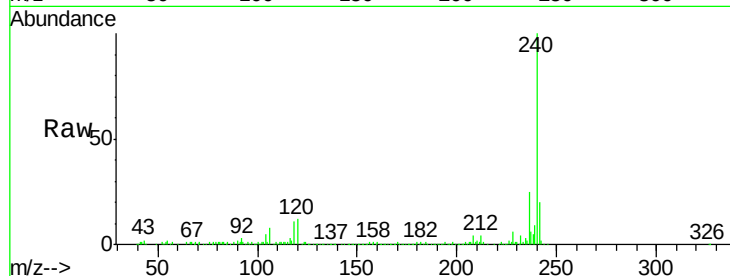
Tgt Ion:240 Resp: 174773

Ion Ratio Lower Upper

240 100

120 12.2 7.1 10.7#

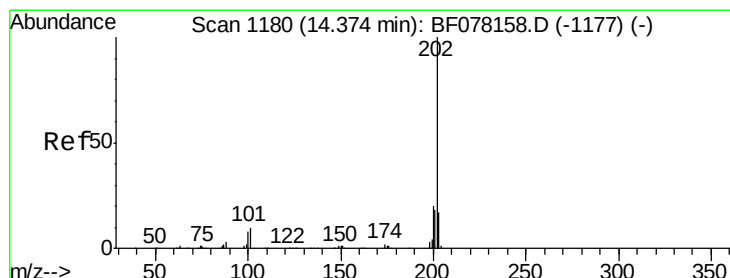
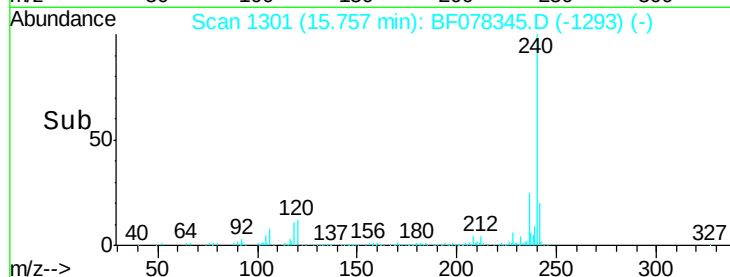
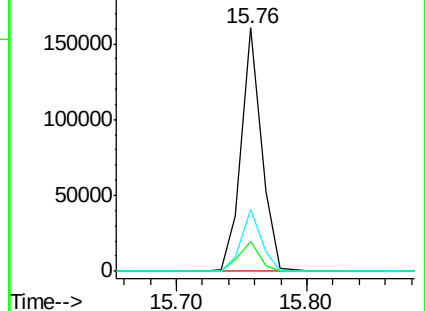
236 25.2 21.4 32.2



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

Pyrene

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

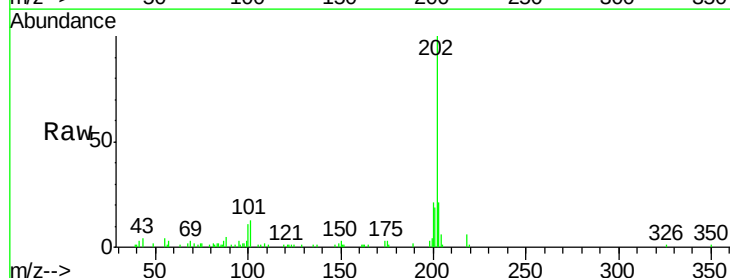
Tgt Ion:202 Resp: 34058

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

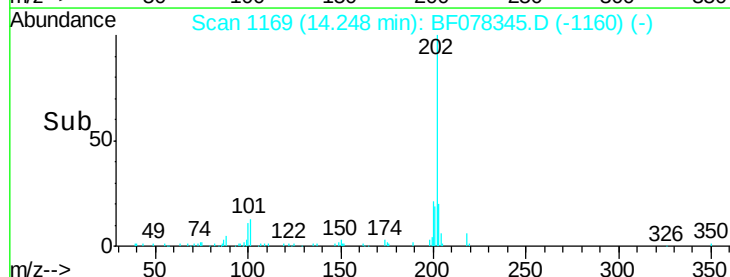
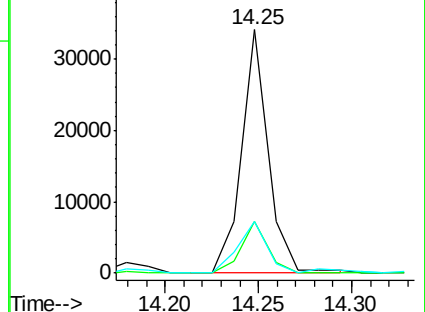
203 21.0 13.8 20.6#

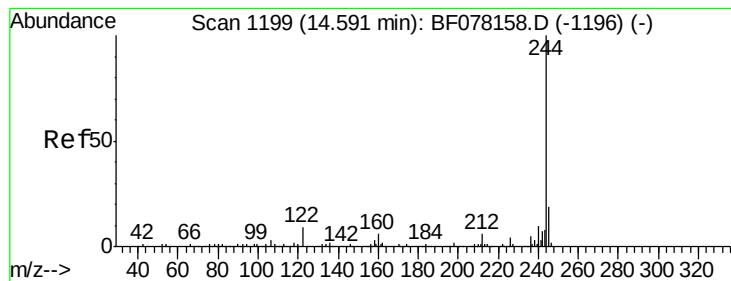


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

BNA_F

ClientSampleId :

SB-5S

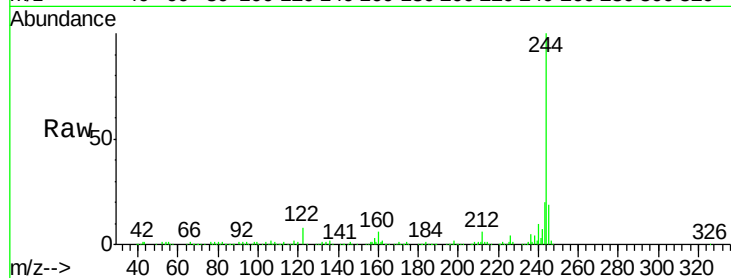
Tgt Ion:244 Resp: 346513

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

300000

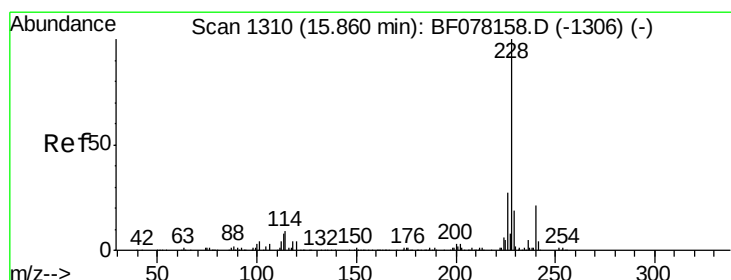
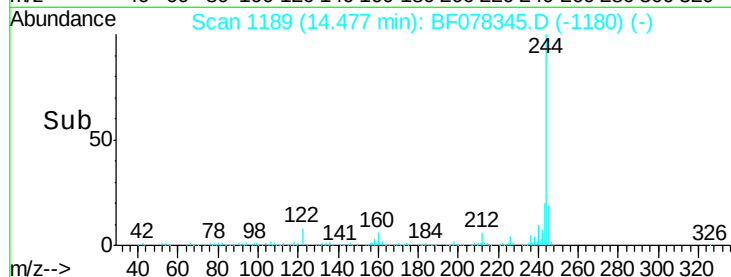
200000

100000

0

14.40 14.45 14.50 14.55

Time-->



#80

Benzo(a)anthracene

Concen: 2.03 ng

RT: 15.79 min Scan# 1304

Delta R.T. 0.03 min

Lab File: BF078345.D

Acq: 8 Apr 2015 20:33

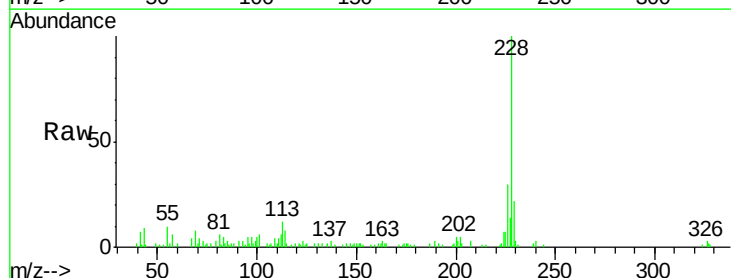
Tgt Ion:228 Resp: 21114

Ion Ratio Lower Upper

228 100

226 30.0 21.3 31.9

229 21.9 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

30000

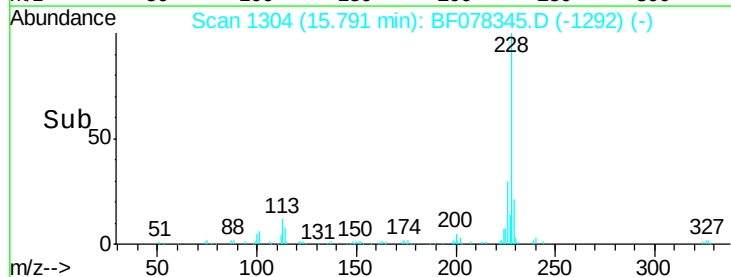
20000

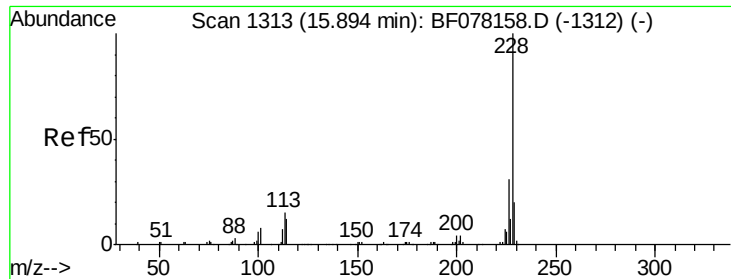
10000

0

15.76 15.78 15.80

Time-->

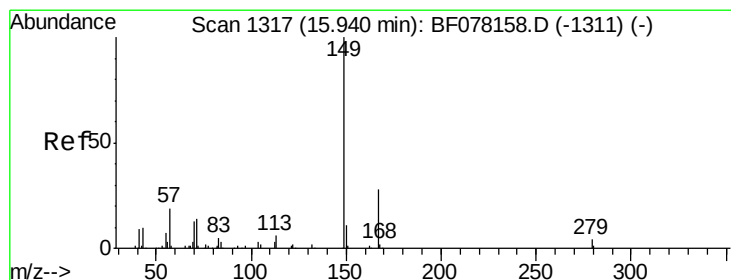
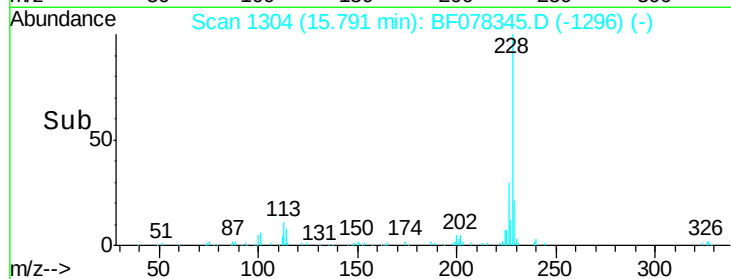
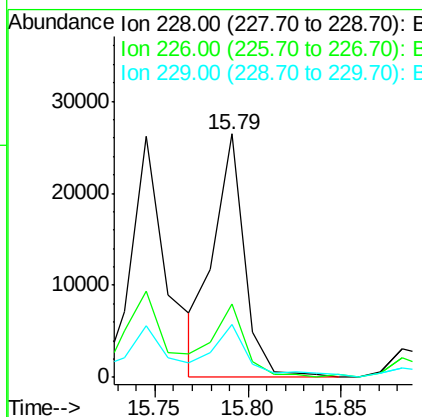
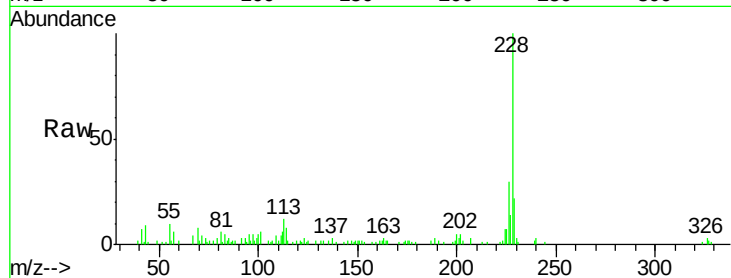




#82
Chrysene
 Concen: 3.11 ng
 RT: 15.79 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

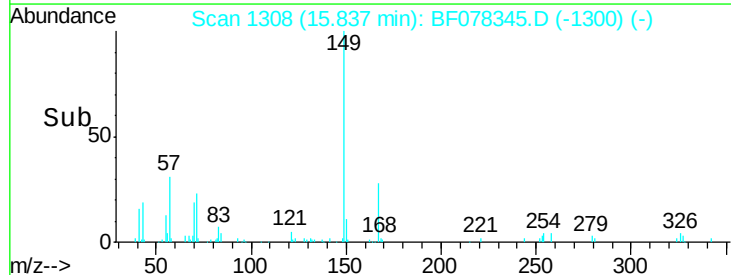
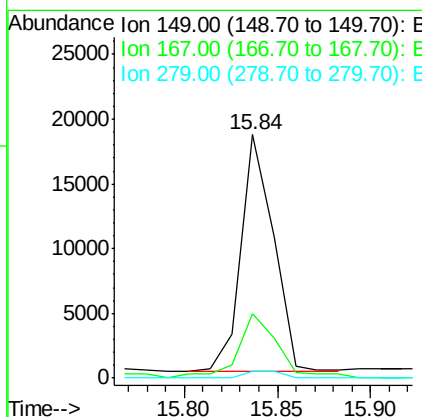
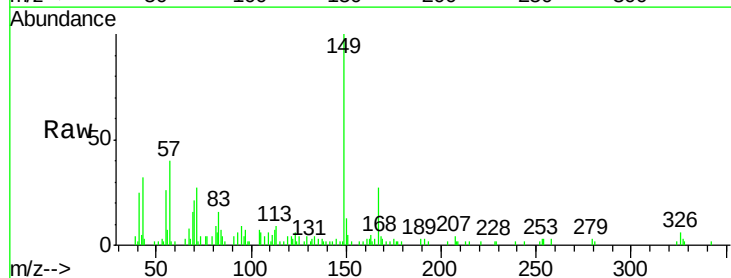
Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

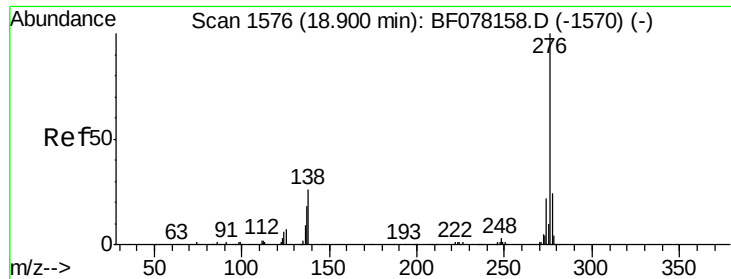
Tgt Ion: 228 Resp: 30379
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.4
 229 21.9 15.8 23.8



#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

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

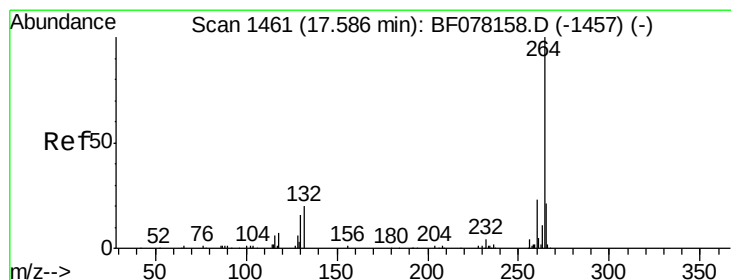
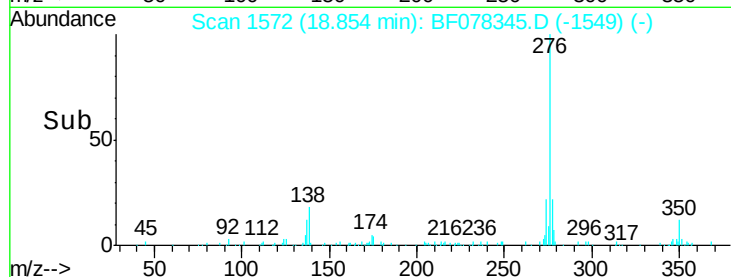
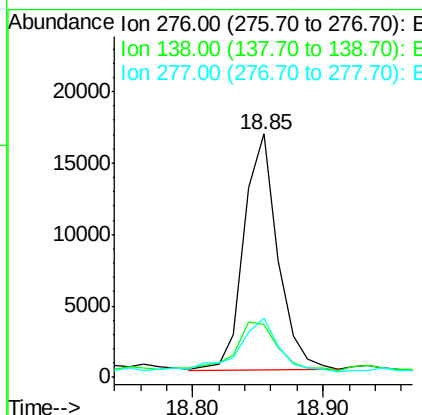
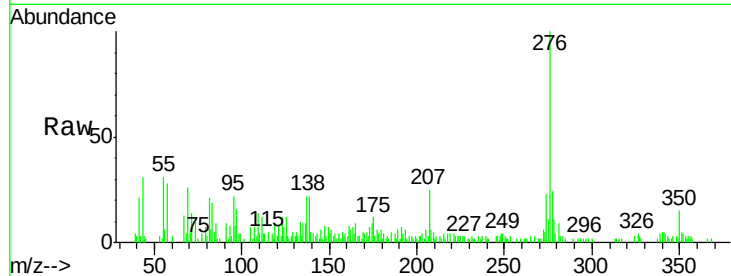




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.70 ng
 RT: 18.85 min Scan# 1572
 Delta R.T. -0.03 min
 Lab File: BF078345.D
 Acq: 8 Apr 2015 20:33

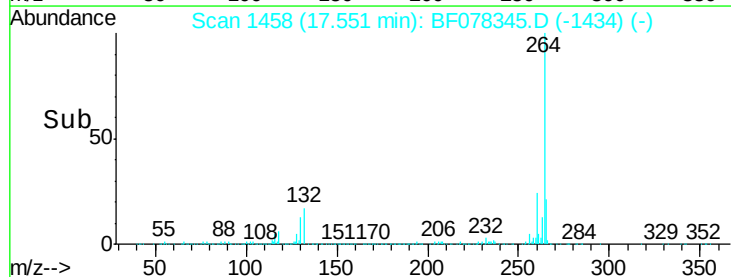
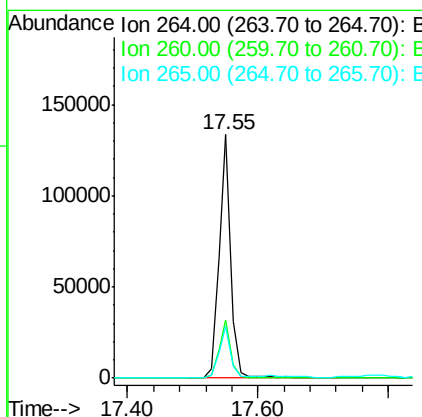
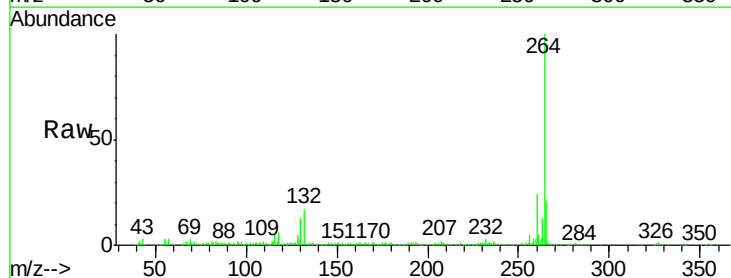
Instrument :
 BNA_F
 ClientSampleId :
 SB-5S

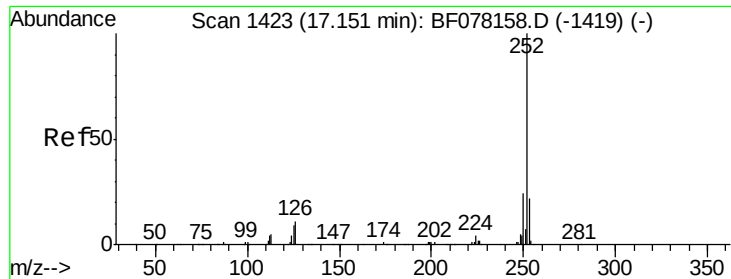
Tgt Ion: 276 Resp: 29897
 Ion Ratio Lower Upper
 276 100
 138 25.3 16.9 25.3
 277 26.8 15.8 23.6#



#86
 Perylene-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

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

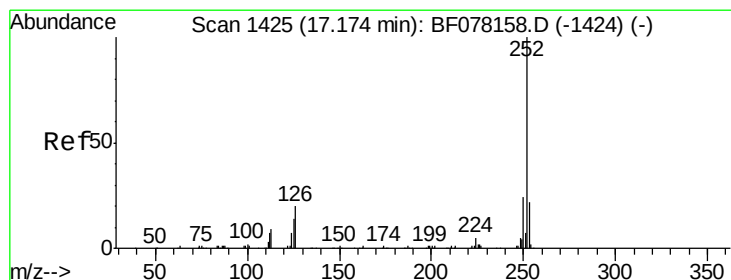
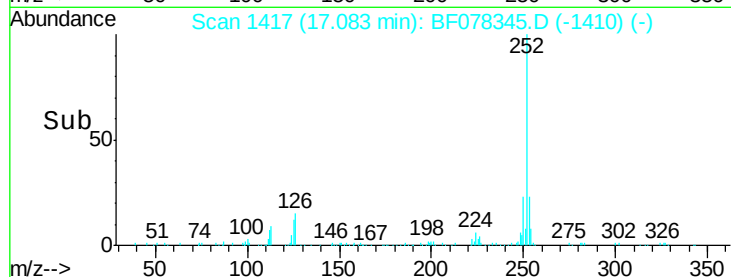
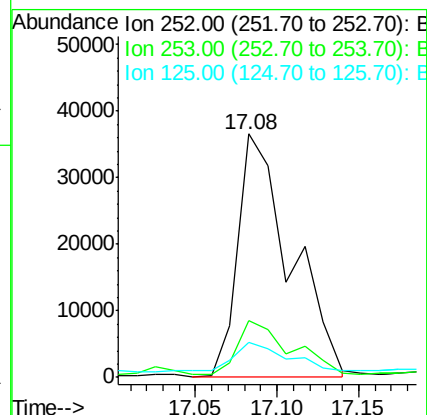
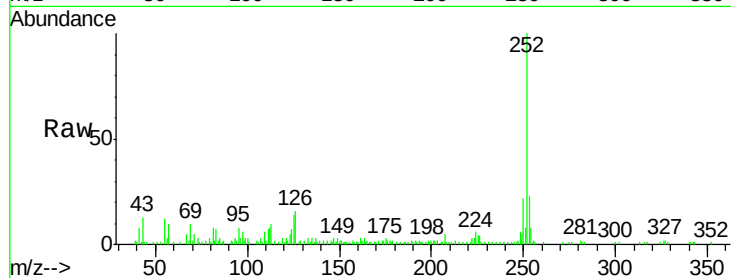




#87
Benzo(b)fluoranthene
Concen: 7.86 ng
RT: 17.08 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

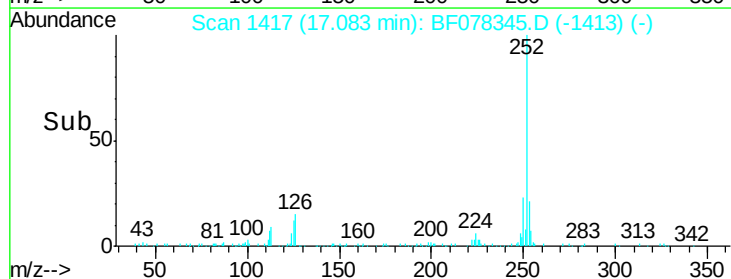
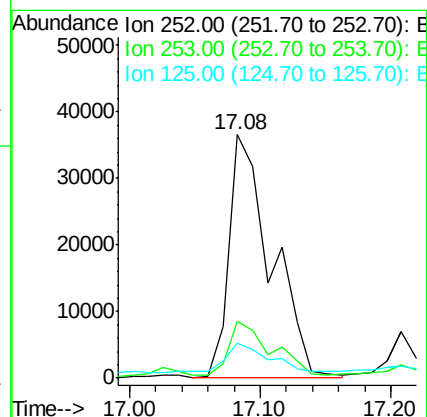
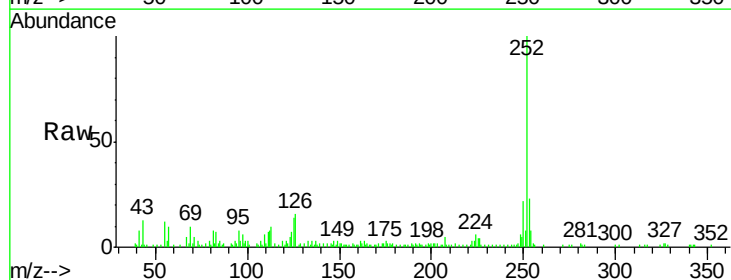
Instrument :
BNA_F
ClientSampleId :
SB-5S

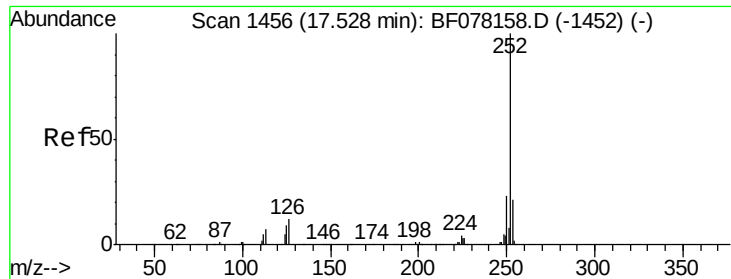
Tgt Ion:252 Resp: 82208
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 14.5 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 8.93 ng
RT: 17.08 min Scan# 1417
Delta R.T. -0.06 min
Lab File: BF078345.D
Acq: 8 Apr 2015 20:33

Tgt Ion:252 Resp: 83001
Ion Ratio Lower Upper
252 100
253 23.3 17.5 26.3
125 14.5 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

Instrument :

BNA_F

ClientSampleId :

SB-5S

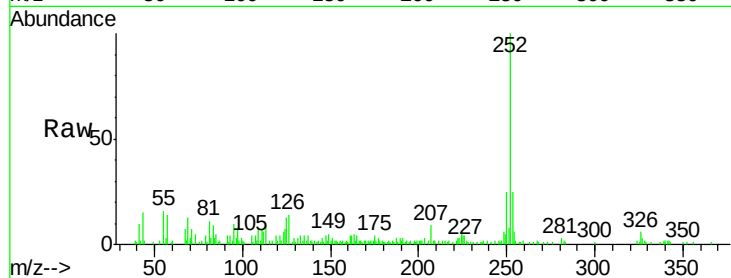
Tgt Ion:252 Resp: 36283

Ion Ratio Lower Upper

252 100

253 25.4 16.8 25.2#

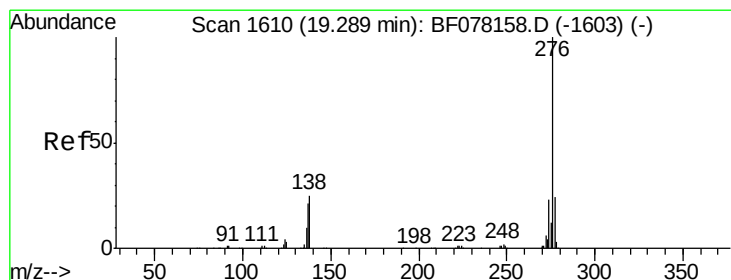
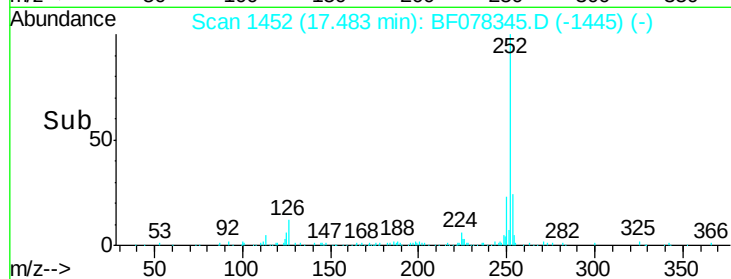
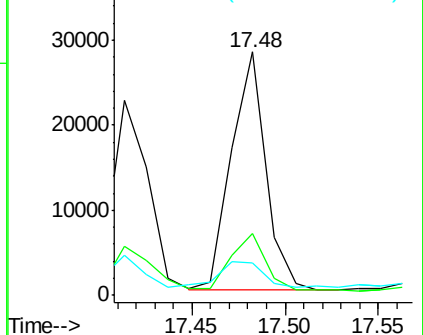
125 13.5 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 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

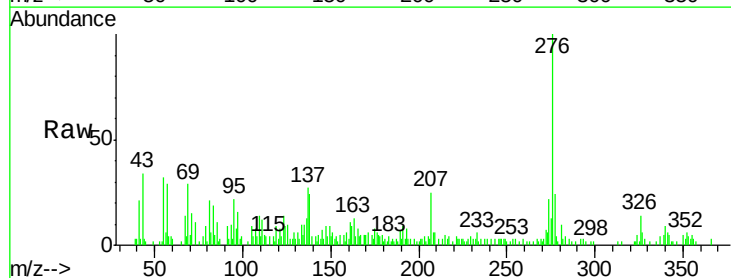
Tgt Ion:276 Resp: 30206

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 23.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

