

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078335.D
 Acq On : 8 Apr 2015 11:18
 Operator : TP/IZ
 Sample : G1792-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Quant Time: Apr 08 15:18:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 14:42:25 2015
 Response via : Initial Calibration

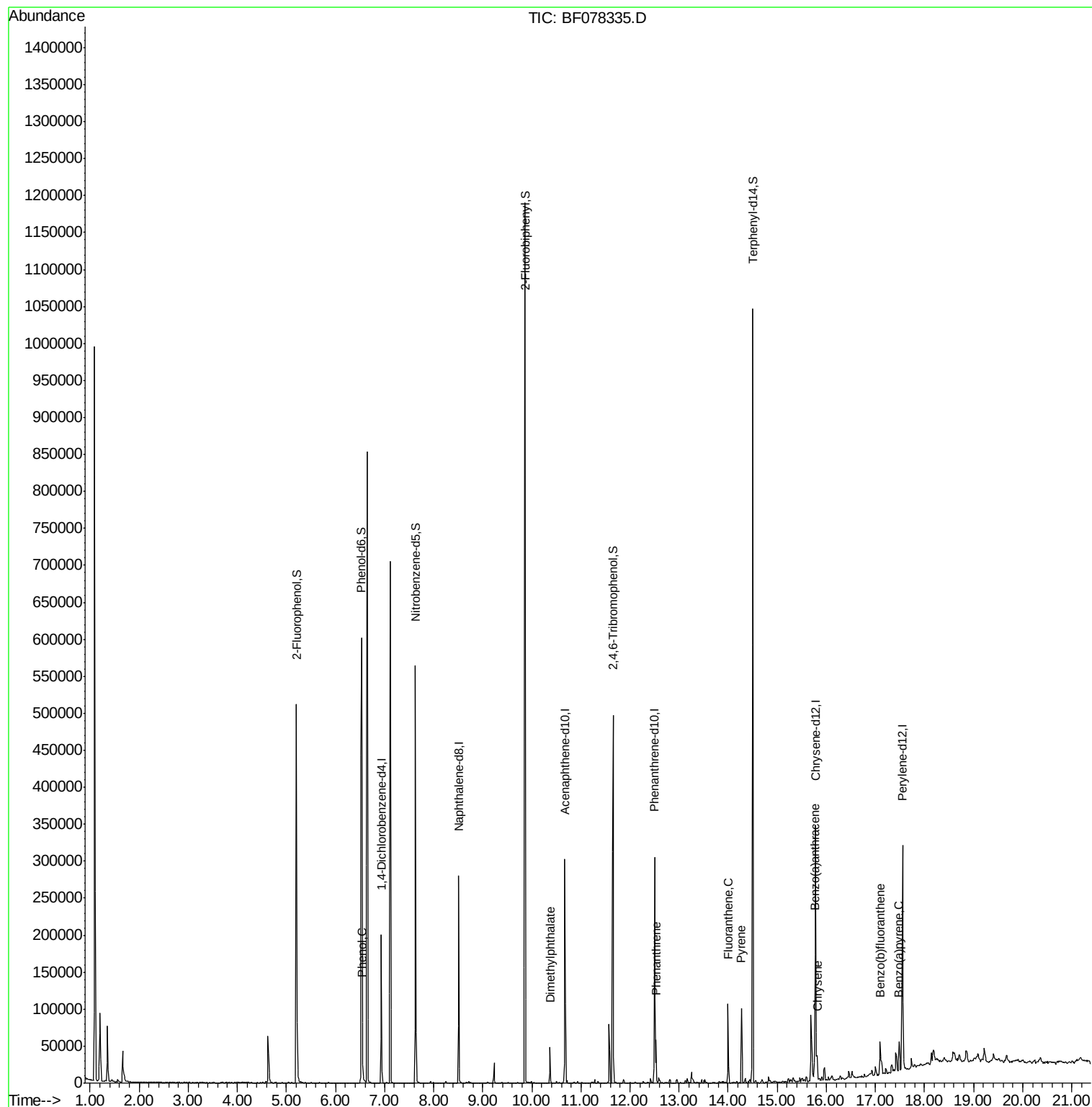
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	33124	20.00	ng	-0.05
21) Naphthalene-d8	8.51	136	135625	20.00	ng	-0.05
38) Acenaphthene-d10	10.67	164	65994	20.00	ng	-0.06
63) Phenanthrene-d10	12.50	188	127260	20.00	ng	-0.06
75) Chrysene-d12	15.78	240	138396	20.00	ng	-0.06
86) Perylene-d12	17.55	264	140956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	234343	116.65	ng	-0.06
7) Phenol-d6	6.53	99	298979	118.75	ng	-0.03
23) Nitrobenzene-d5	7.63	82	173887	77.71	ng	-0.05
41) 2,4,6-Tribromophenol	11.65	330	70372	128.57	ng	-0.06
44) 2-Fluorobiphenyl	9.86	172	358587	77.67	ng	-0.05
78) Terphenyl-d14	14.50	244	425439	69.46	ng	-0.06
Target Compounds						
10) Phenol	6.54	94	8832	2.93	ng	Qvalue 85
49) Dimethylphthalate	10.37	163	22955	4.63	ng	# 99
70) Phenanthrene	12.53	178	27898	3.79	ng	100
74) Fluoranthene	14.00	202	47392	6.10	ng	96
77) Pyrene	14.27	202	42443	4.89	ng	# 95
80) Benzo(a)anthracene	15.77	228	20064m	2.44	ng	
82) Chrysene	15.81	228	22022m	2.85	ng	
87) Benzo(b)fluoranthene	17.09	252	30007m	3.44	ng	
89) Benzo(a)pyrene	17.48	252	19296	2.54	ng	# 94

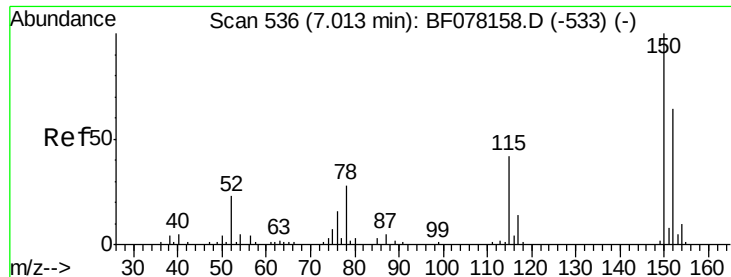
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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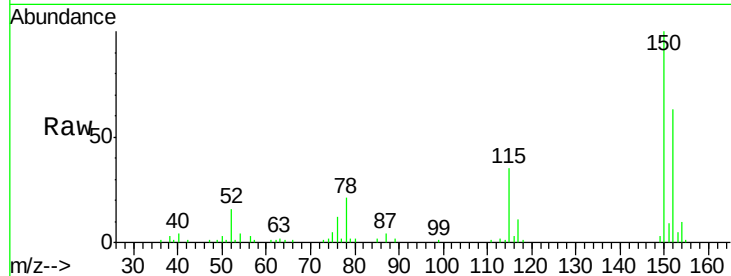


#1

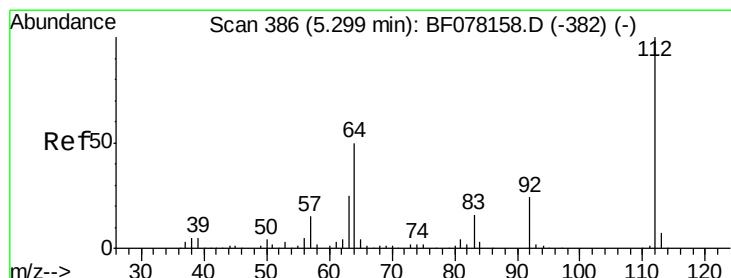
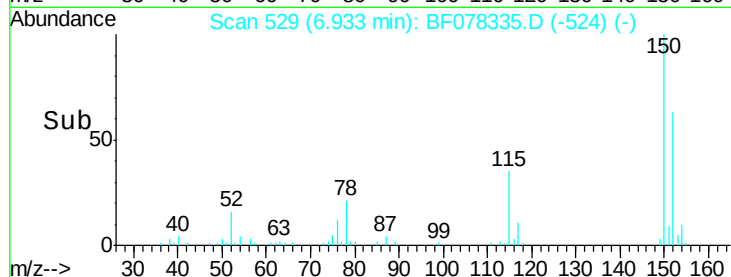
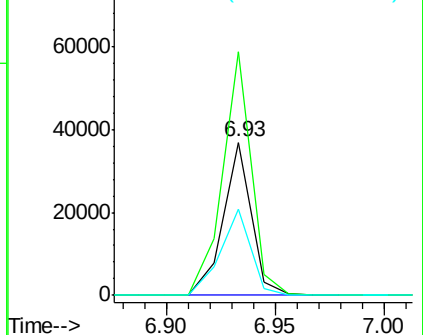
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. -0.05 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

Instrument :
BNA_F
ClientSampleId :
PE-5

Tot Ion:152 Resp: 33124
Ion Ratio Lower Upper
152 100
150 159.2 125.9 188.9
115 56.4 52.7 79.1



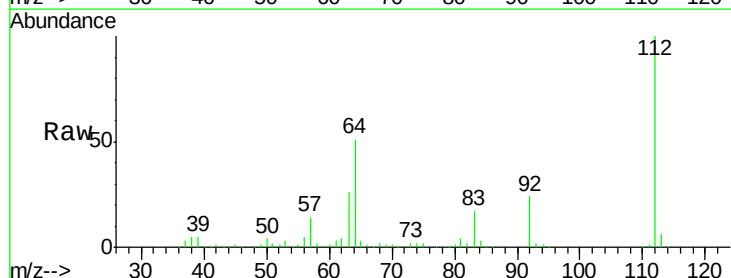
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



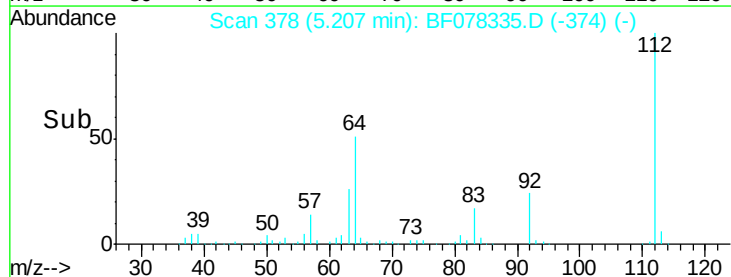
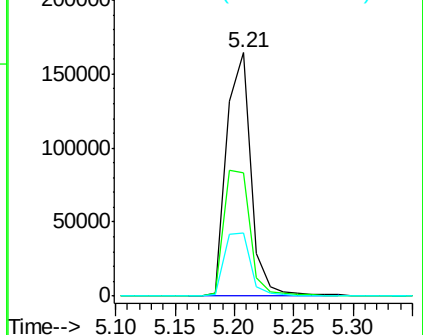
#5

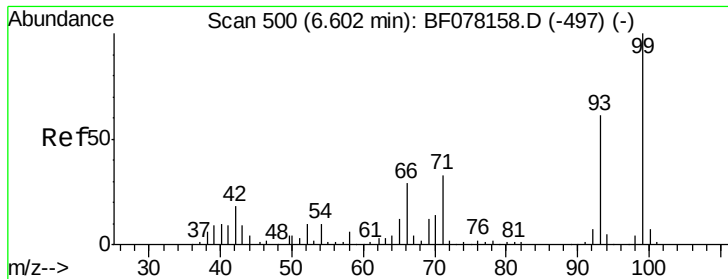
2-Fluorophenol
Concen: 116.65 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.06 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

Tgt Ion:112 Resp: 234343
Ion Ratio Lower Upper
112 100
64 50.8 39.9 59.9
63 25.7 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: 118.75 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.03 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

Instrument :

BNA_F

ClientSampled :

PE-5

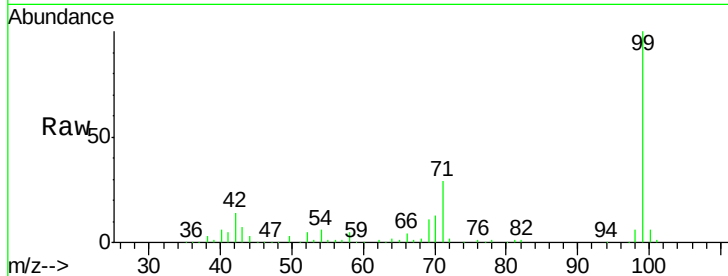
Tot Ion: 99 Resp: 298979

Ion Ratio Lower Upper

99 100

42 14.2 14.8 22.2#

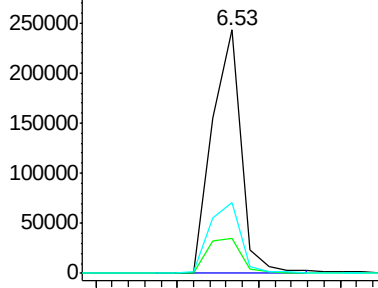
71 29.1 26.6 39.8



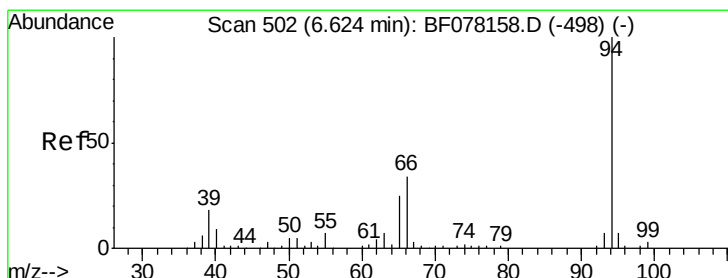
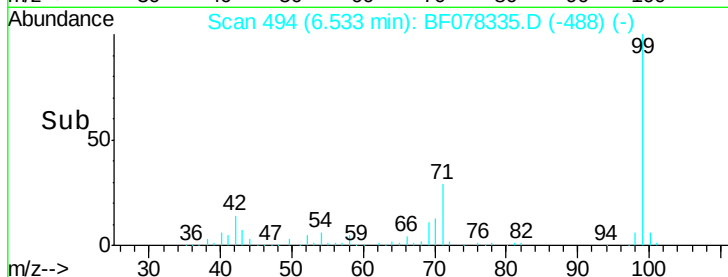
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 2.93 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

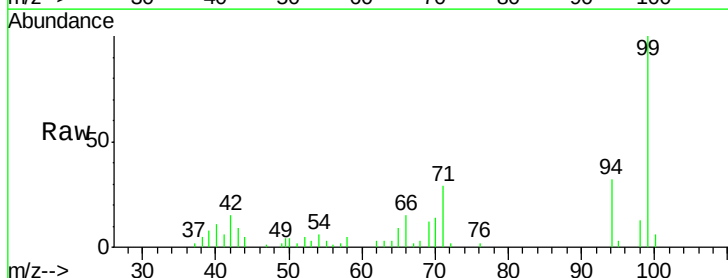
Tgt Ion: 94 Resp: 8832

Ion Ratio Lower Upper

94 100

65 28.8 4.9 44.9

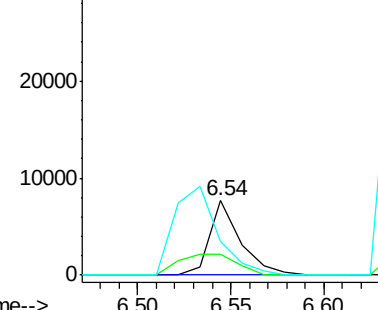
66 45.4 13.8 53.8



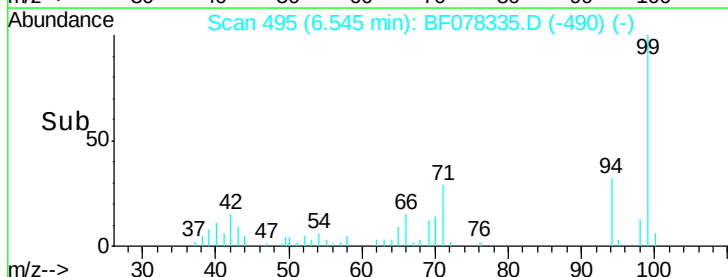
Abundance Ion 94.00 (93.70 to 94.70): BF0

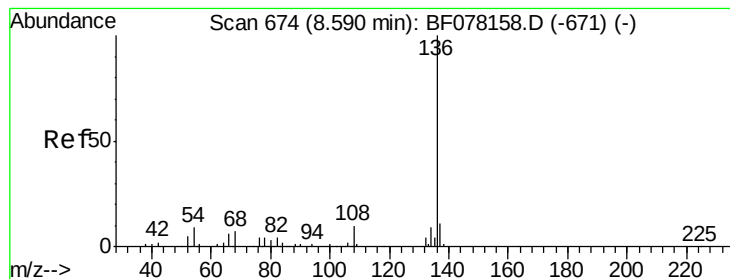
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

Instrument :

BNA_F

ClientSampleId :

PE-5

Tot Ion:136 Resp: 135625

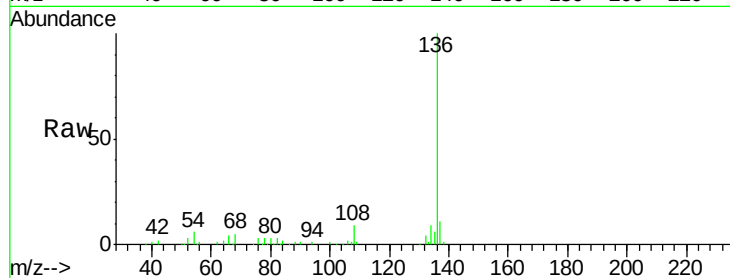
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.4 7.0 10.6#

68 5.2 5.4 8.2#

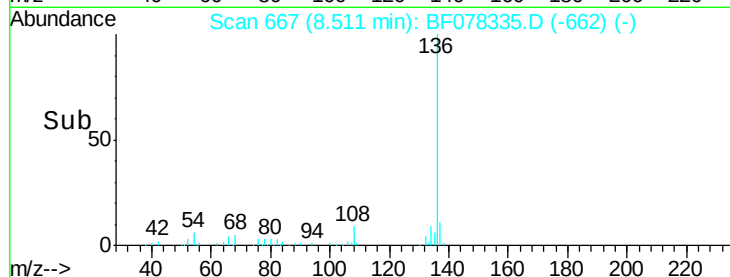


Abundance Ion 136.00 (135.70 to 136.70): E

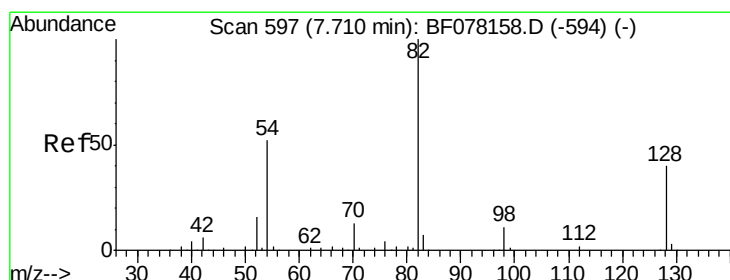
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 77.71 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.05 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

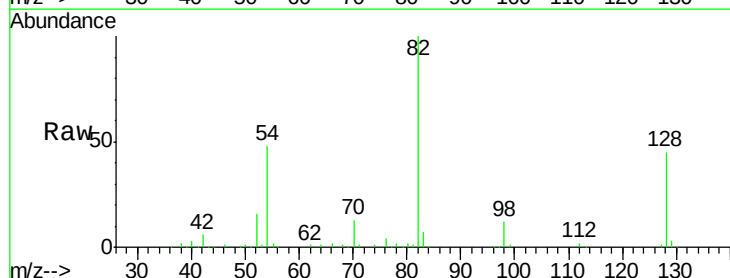
Tgt Ion: 82 Resp: 173887

Ion Ratio Lower Upper

82 100

128 44.6 31.8 47.8

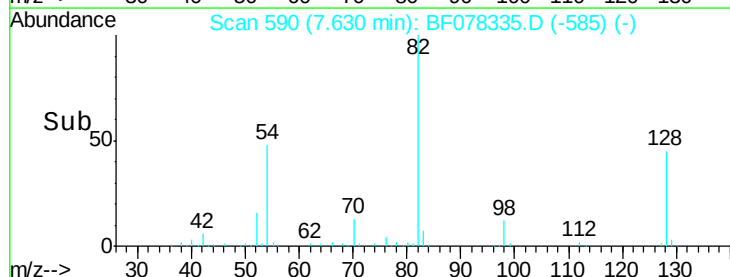
54 48.4 41.5 62.3



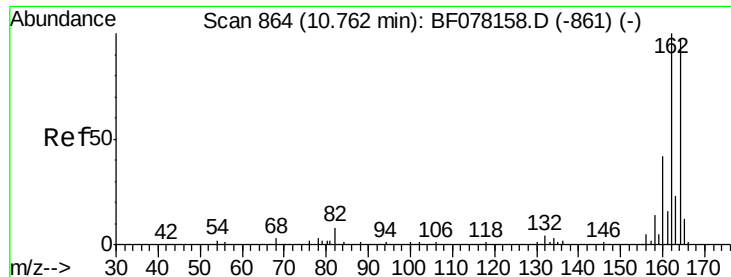
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



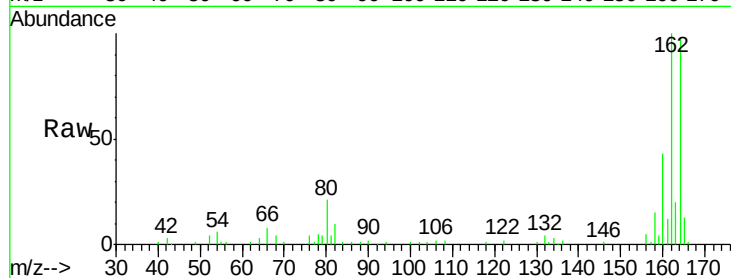
Time-->



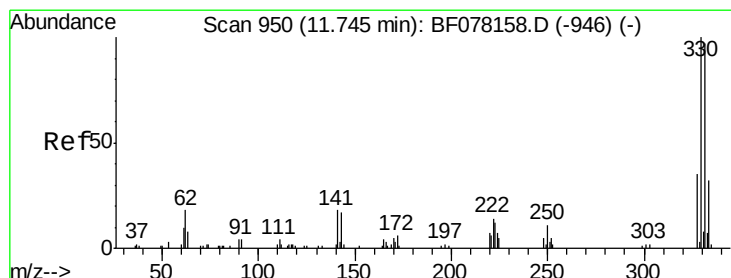
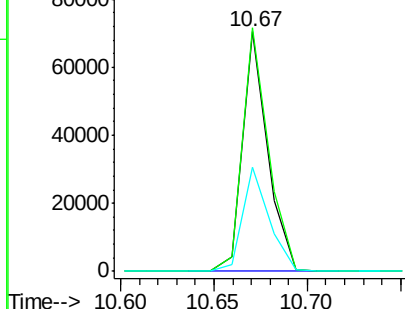
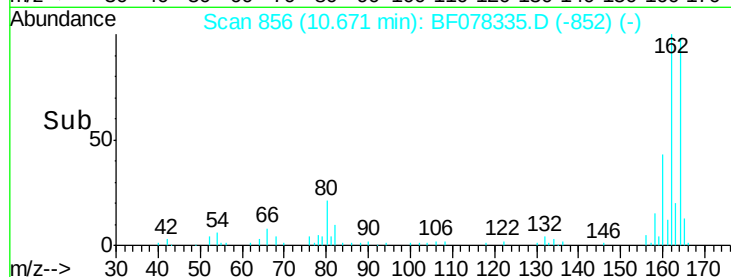
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.06 min
 Lab File: BF078335.D
 Acq: 8 Apr 2015 11:18

Instrument :
 BNA_F
 ClientSampleID :
 PE-5

Tot Ion:164 Resp: 65994
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.2 123.2
 160 43.7 34.7 52.1

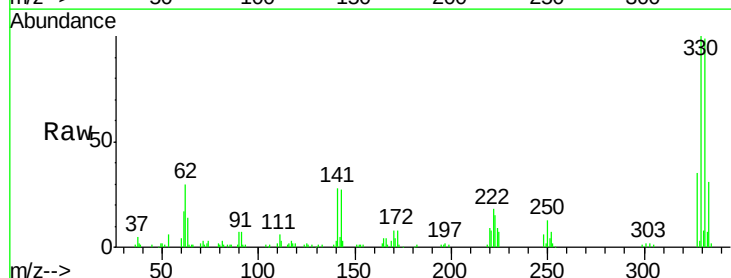


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

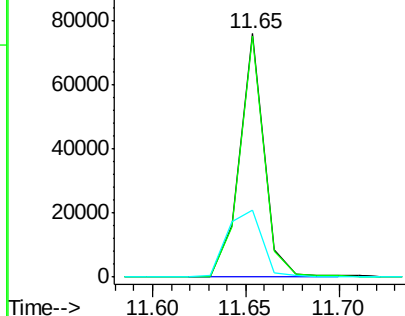
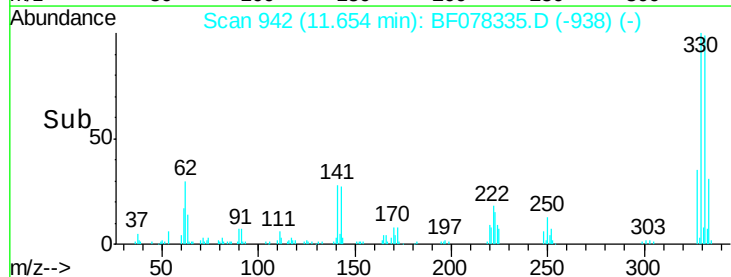


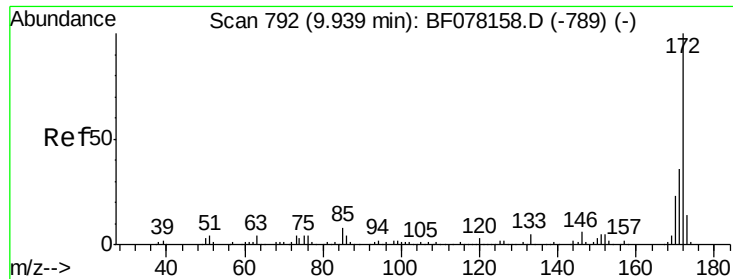
#41
 2,4,6-Tribromophenol
 Concen: 128.57 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF078335.D
 Acq: 8 Apr 2015 11:18

Tgt Ion:330 Resp: 70372
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.6 117.8
 141 39.2 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

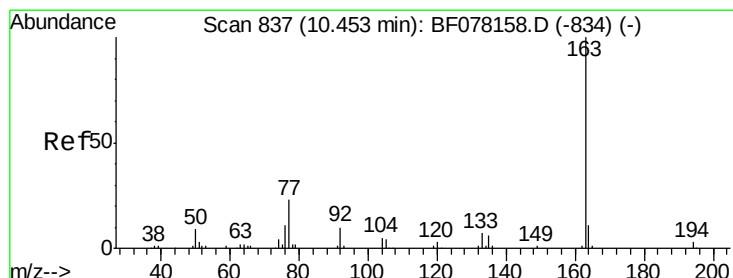
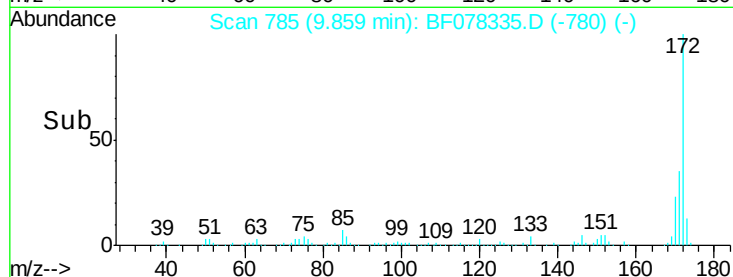
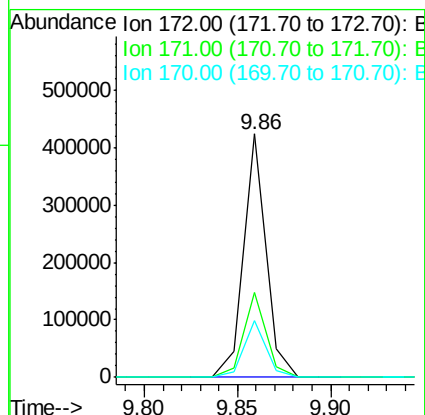
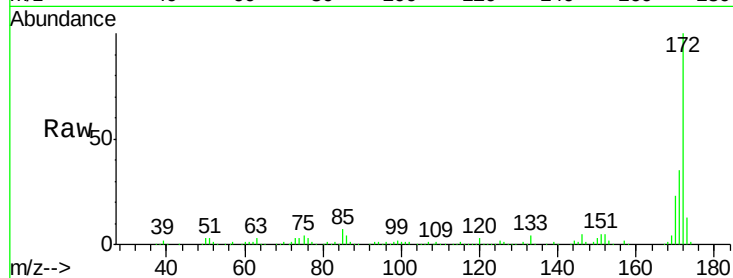




#44
2-Fluorobiphenyl
Concen: 77.67 ng
RT: 9.86 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

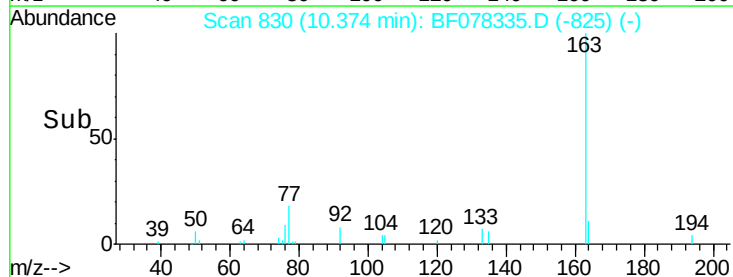
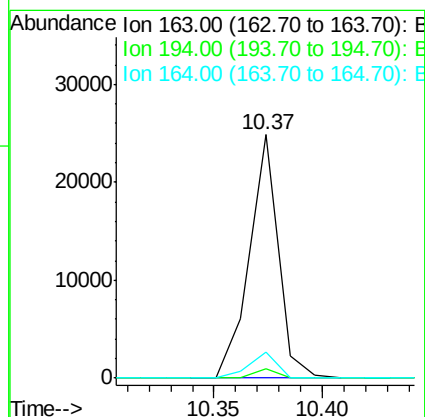
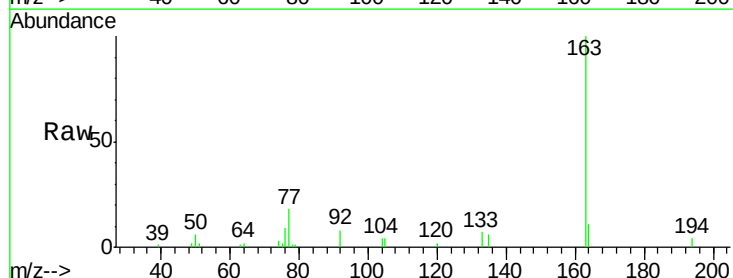
Instrument :
BNA_F
ClientSampleId :
PE-5

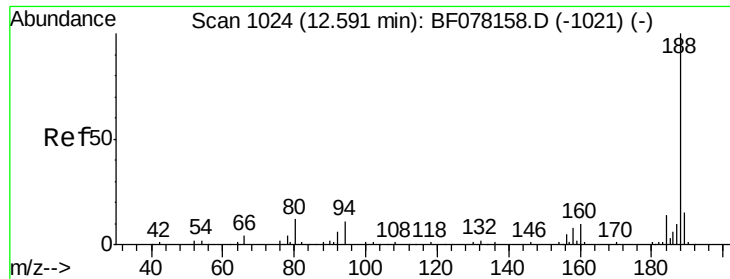
Tot Ion:172 Resp: 358587
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.3 18.5 27.7



#49
Dimethylphthalate
Concen: 4.63 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

Tgt Ion:163 Resp: 22955
Ion Ratio Lower Upper
163 100
194 3.8 2.3 3.5#
164 10.5 8.6 13.0

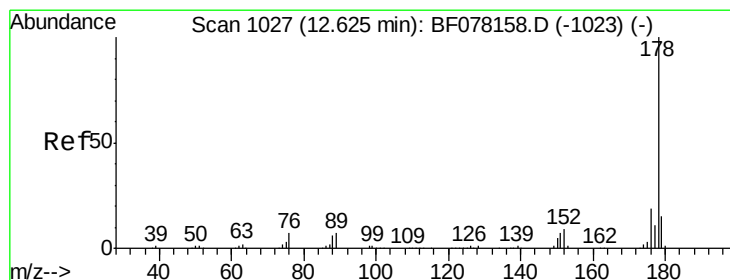
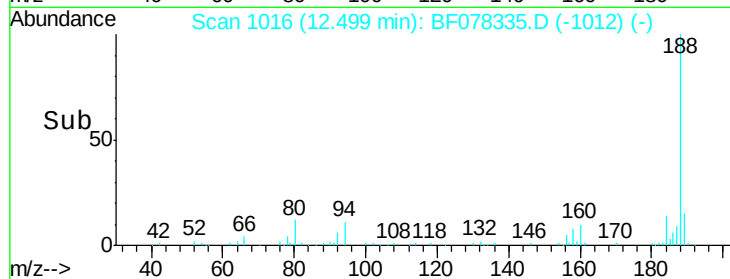
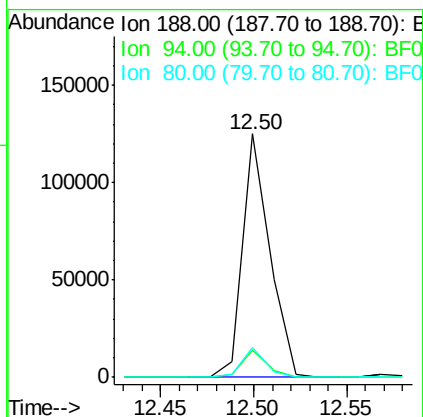
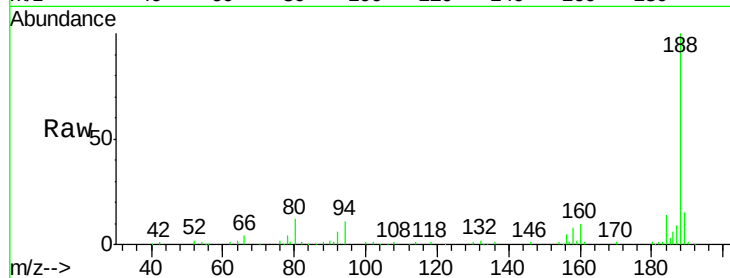




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.06 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

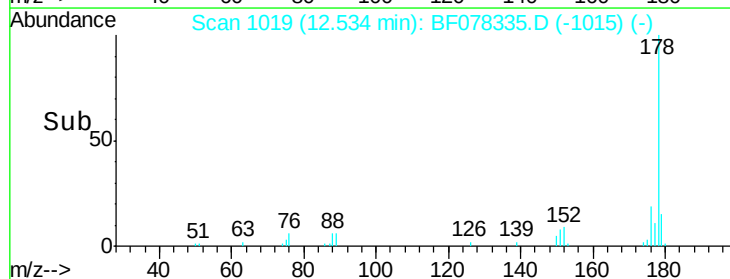
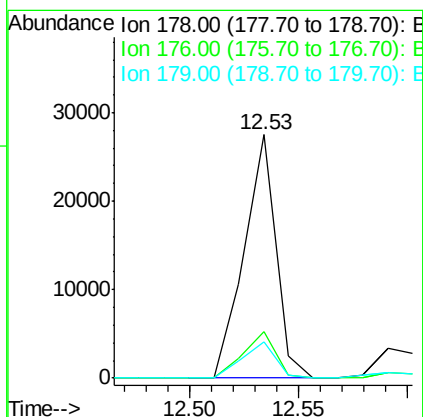
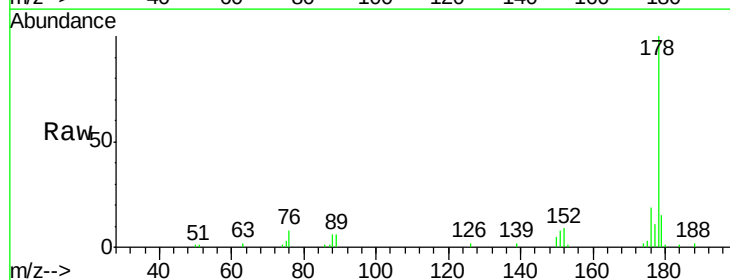
Instrument :
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ClientSampleId :
PE-5

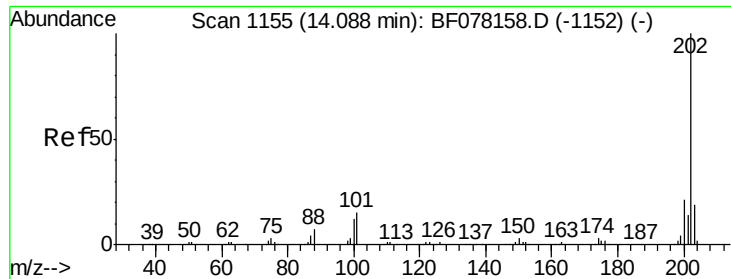
Tot Ion:188 Resp: 127260
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.4
80 12.0 9.5 14.3



#70
Phenanthrene
Concen: 3.79 ng
RT: 12.53 min Scan# 1019
Delta R.T. -0.06 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

Tgt Ion:178 Resp: 27898
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.1 12.2 18.2

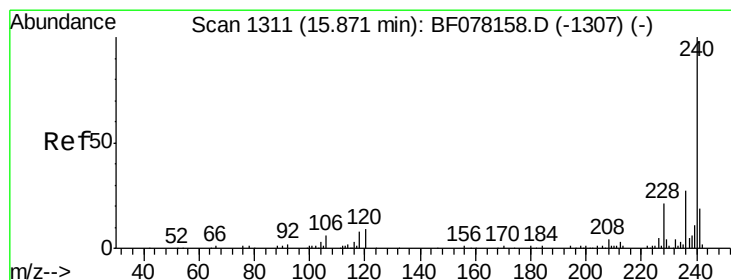
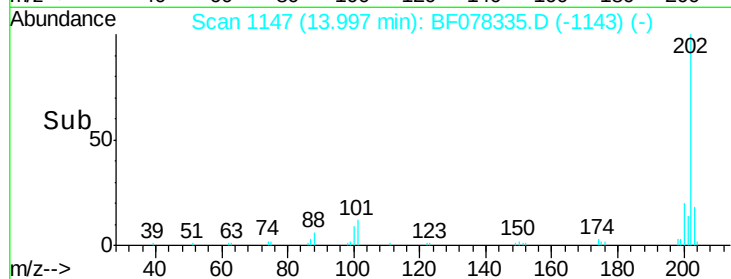
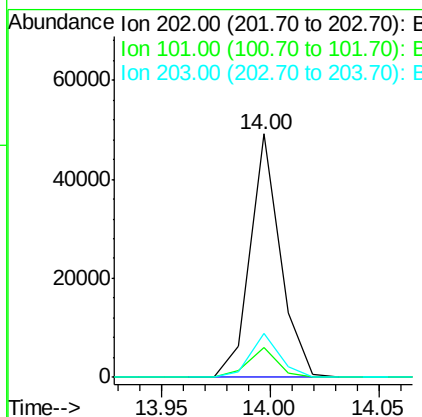
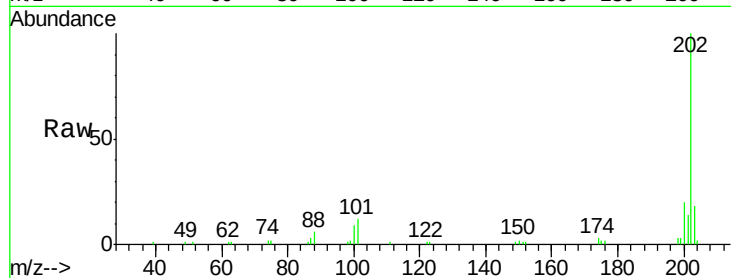




#74
 Fluoranthene
 Concen: 6.10 ng
 RT: 14.00 min Scan# 1147
 Delta R.T. -0.06 min
 Lab File: BF078335.D
 Acq: 8 Apr 2015 11:18

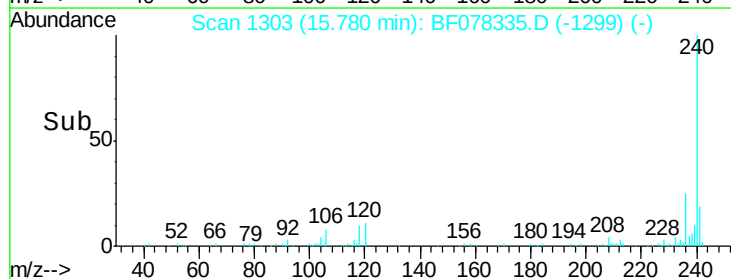
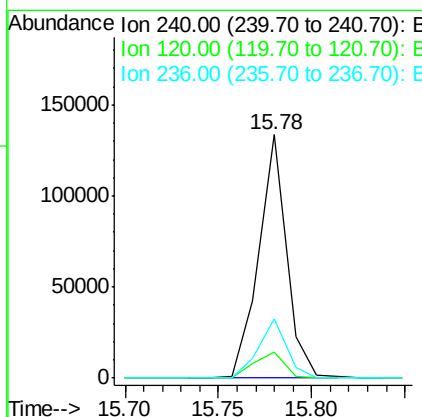
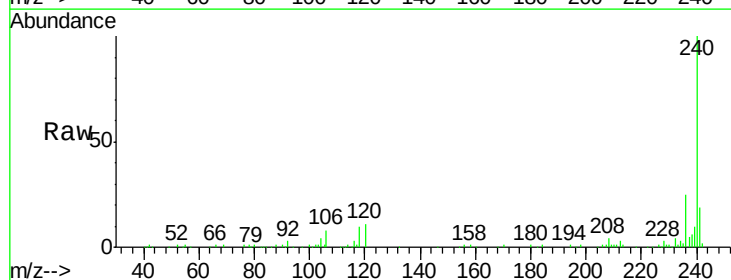
Instrument :
 BNA_F
 ClientSampleId :
 PE-5

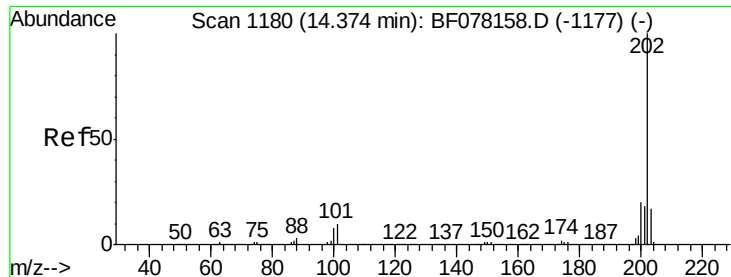
Tot Ion:202 Resp: 47392
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 35.2
 203 17.9 0.0 38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.78 min Scan# 1303
 Delta R.T. -0.06 min
 Lab File: BF078335.D
 Acq: 8 Apr 2015 11:18

Tgt Ion:240 Resp: 138396
 Ion Ratio Lower Upper
 240 100
 120 10.9 7.1 10.7#
 236 24.5 21.4 32.2





#77

Pvrene

Concen: 4.89 ng

RT: 14.27 min Scan# 1171

Delta R.T. -0.07 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

Instrument :

BNA_F

ClientSampleId :

PE-5

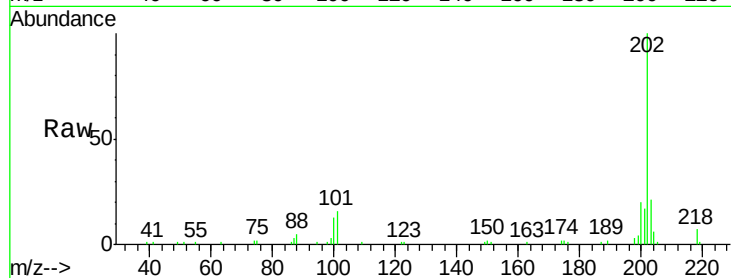
Tot Ion:202 Resp: 42443

Ion Ratio Lower Upper

202 100

200 19.9 16.3 24.5

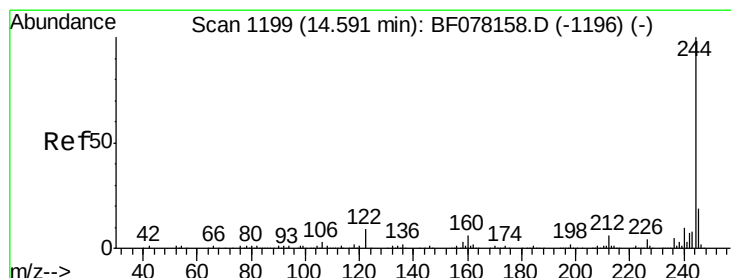
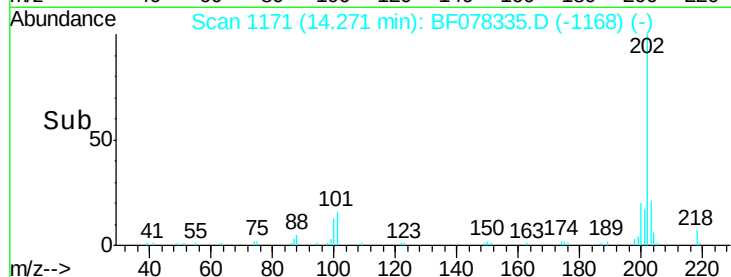
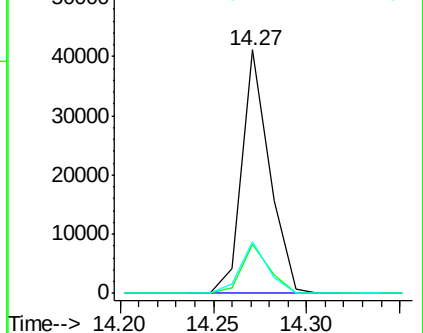
203 21.1 13.8 20.6#



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: 69.46 ng

RT: 14.50 min Scan# 1191

Delta R.T. -0.06 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

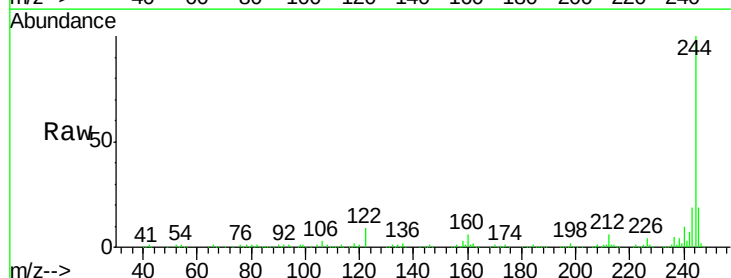
Tgt Ion:244 Resp: 425439

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

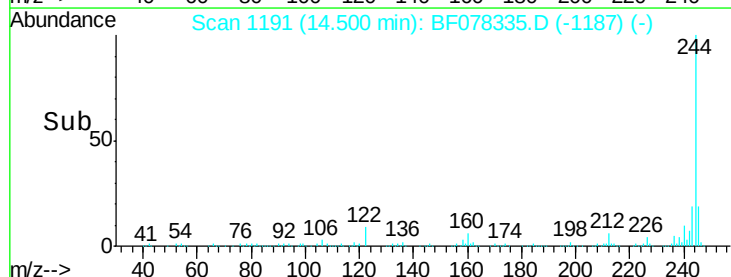
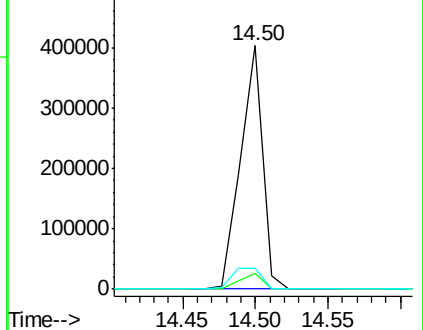
122 8.7 7.1 10.7

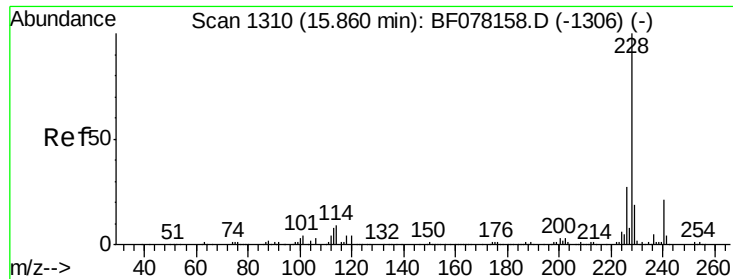


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.44 ng m

RT: 15.77 min Scan# 1302

Delta R.T. -0.06 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

Instrument :

BNA_F

ClientSampleId :

PE-5

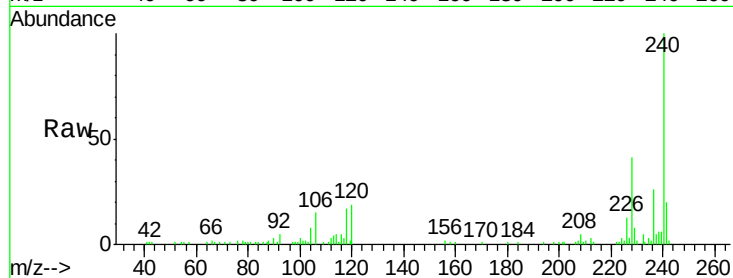
Tot Ion:228 Resp: 20064

Ion Ratio Lower Upper

228 100

226 30.4 21.3 31.9

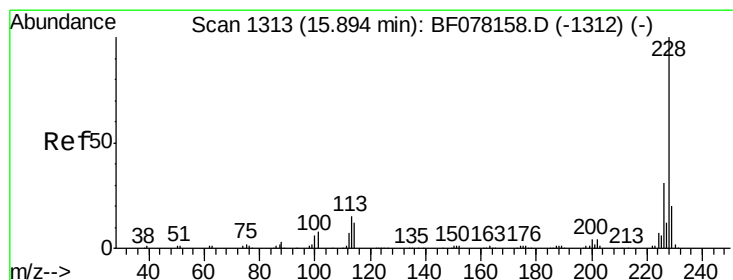
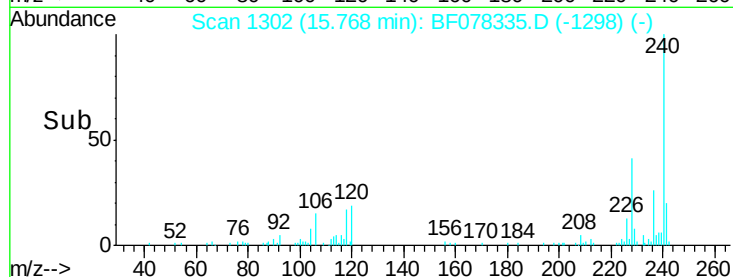
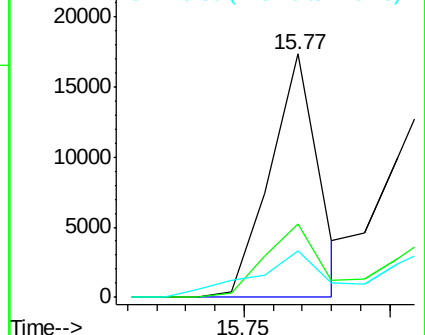
229 19.2 15.4 23.2



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: 2.85 ng m

RT: 15.81 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

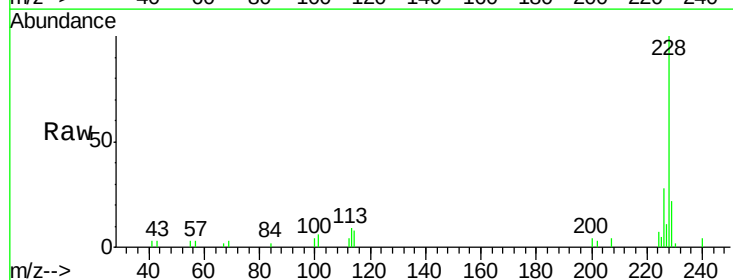
Tgt Ion:228 Resp: 22022

Ion Ratio Lower Upper

228 100

226 27.6 24.2 36.4

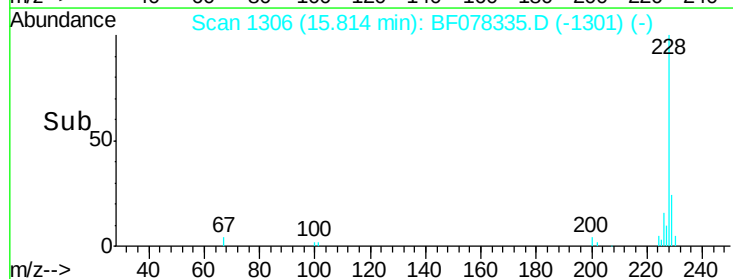
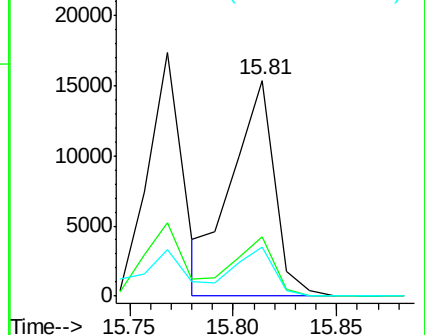
229 22.5 15.8 23.8

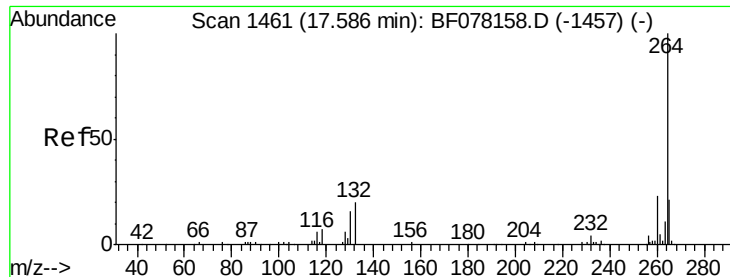


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

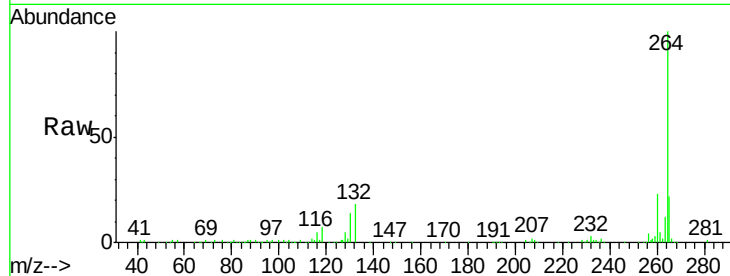




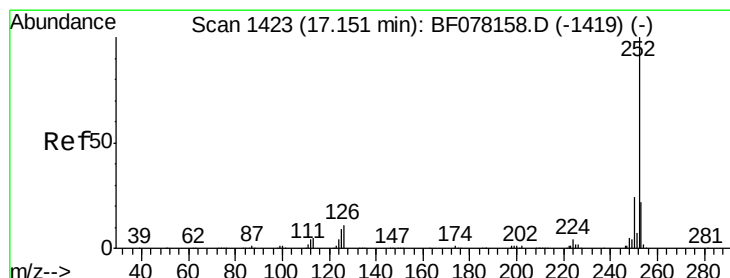
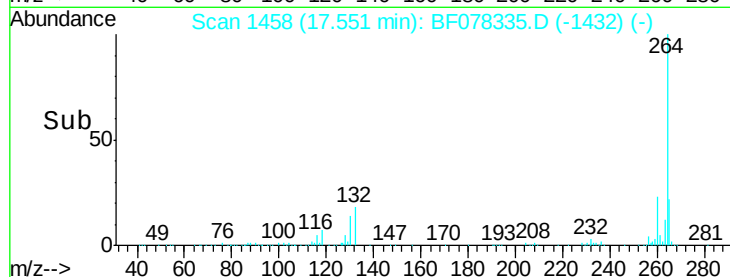
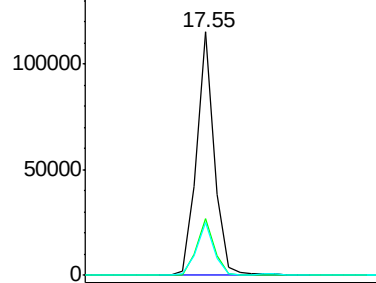
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.55 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

Instrument :
BNA_F
ClientSampleId :
PE-5

Tot Ion:264 Resp: 140956
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.6 17.0 25.6

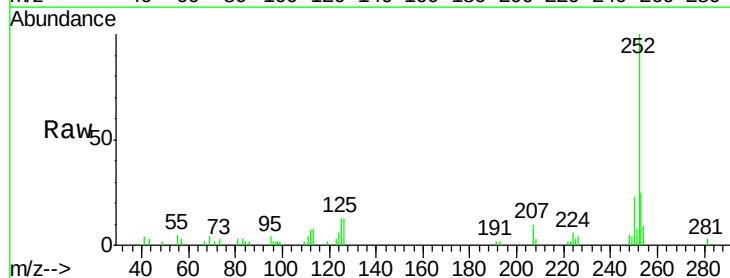


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

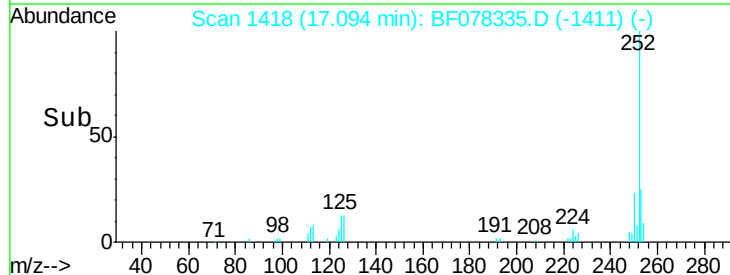
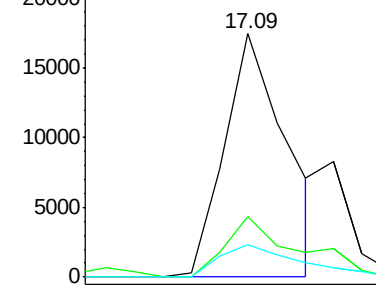


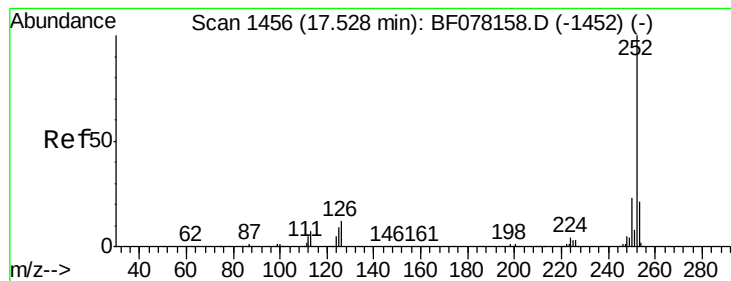
#87
Benzo(b)fluoranthene
Concen: 3.44 ng m
RT: 17.09 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF078335.D
Acq: 8 Apr 2015 11:18

Tgt Ion:252 Resp: 30007
Ion Ratio Lower Upper
252 100
253 24.6 17.2 25.8
125 13.2 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





#89

Benzo(a)pyrene

Concen: 2.54 ng

RT: 17.48 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF078335.D

Acq: 8 Apr 2015 11:18

Instrument :

BNA_F

ClientSampleId :

PE-5

Tot Ion:252 Resp: 19296

Ion Ratio Lower Upper

252 100

253 23.1 16.8 25.2

125 12.9 7.4 11.0#

