

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078334.D
 Acq On : 8 Apr 2015 10:50
 Operator : TP/IZ
 Sample : G1792-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Apr 08 14:52:39 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

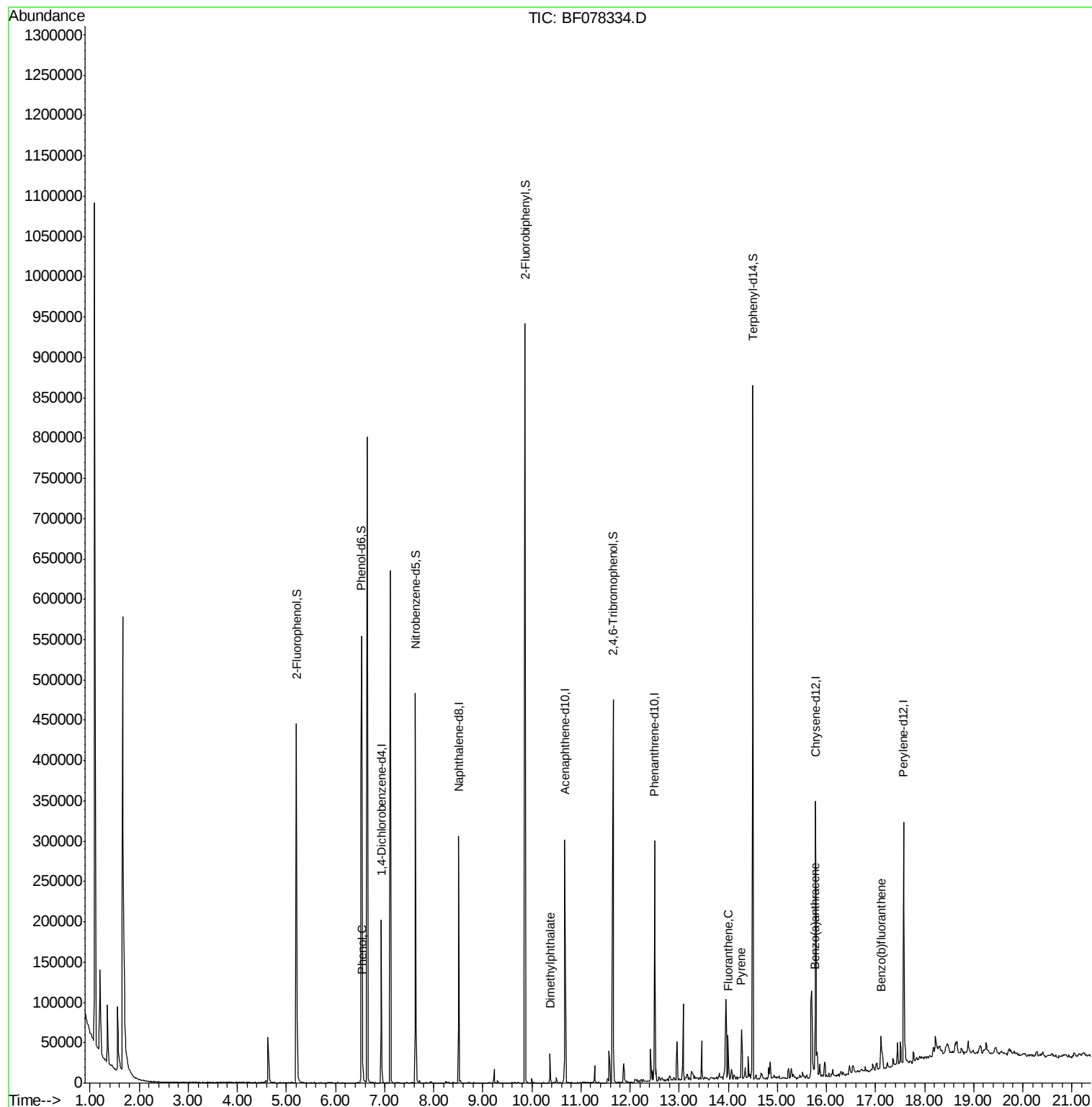
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	35168	20.00	ng	-0.05
21) Naphthalene-d8	8.51	136	143405	20.00	ng	-0.05
38) Acenaphthene-d10	10.67	164	70795	20.00	ng	-0.06
63) Phenanthrene-d10	12.50	188	135053	20.00	ng	-0.06
75) Chrysene-d12	15.78	240	145596	20.00	ng	-0.06
86) Perylene-d12	17.57	264	146966	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	211523	99.17	ng	-0.06
7) Phenol-d6	6.53	99	271947	101.73	ng	-0.03
23) Nitrobenzene-d5	7.63	82	153058	64.69	ng	-0.05
41) 2,4,6-Tribromophenol	11.65	330	65272	111.17	ng	-0.06
44) 2-Fluorobiphenyl	9.86	172	295552	59.67	ng	-0.05
78) Terphenyl-d14	14.50	244	337768	52.42	ng	-0.06
Target Compounds						Qvalue
10) Phenol	6.54	94	7403	2.31	ng	79
49) Dimethylphthalate	10.37	163	17215	3.24	ng	# 97
74) Fluoranthene	14.00	202	24677	3.00	ng	95
77) Pyrene	14.27	202	27532	3.01	ng	93
80) Benzo(a)anthracene	15.77	228	17656m	2.04	ng	
87) Benzo(b)fluoranthene	17.12	252	29620m	3.26	ng	

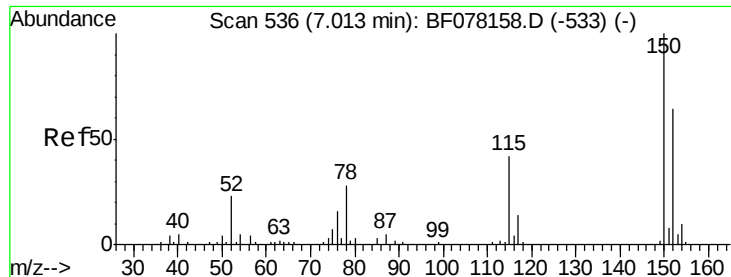
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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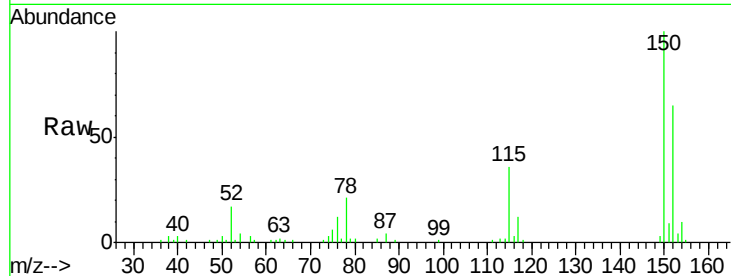


#1

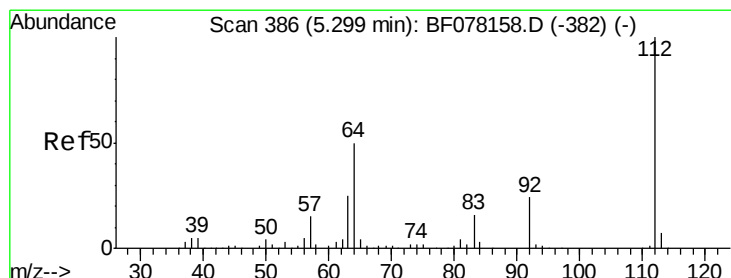
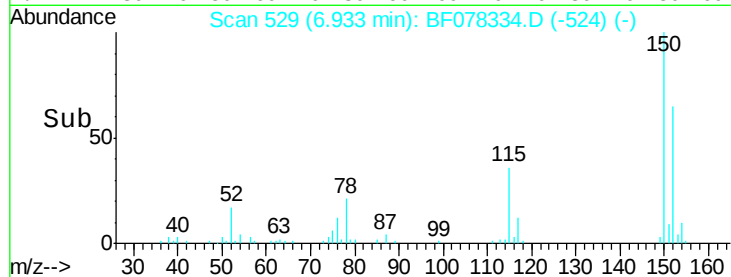
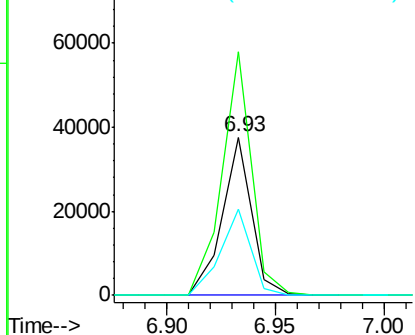
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.05 min
 Lab File: BF078334.D
 Acq: 8 Apr 2015 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion:152 Resp: 35168
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.9 188.9
 115 54.8 52.7 79.1



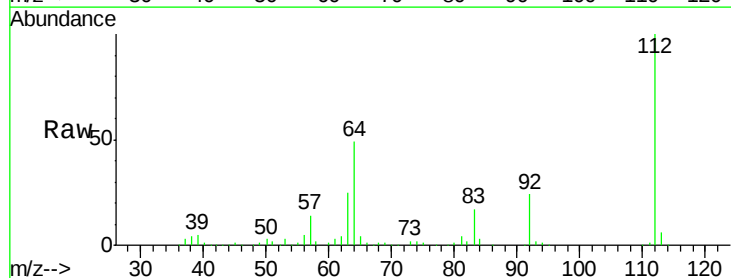
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



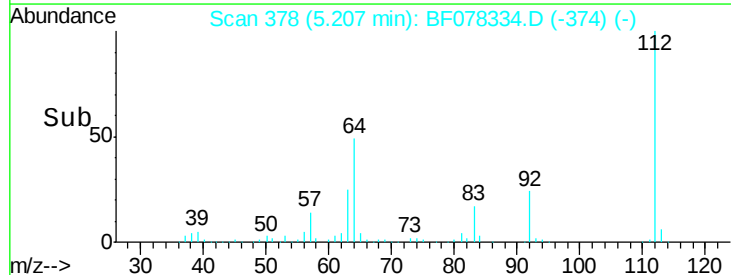
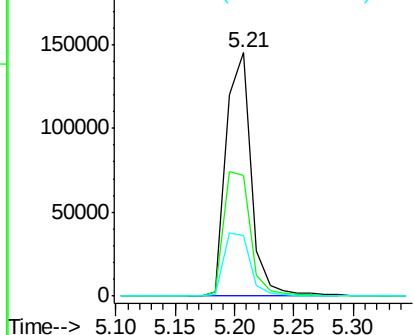
#5

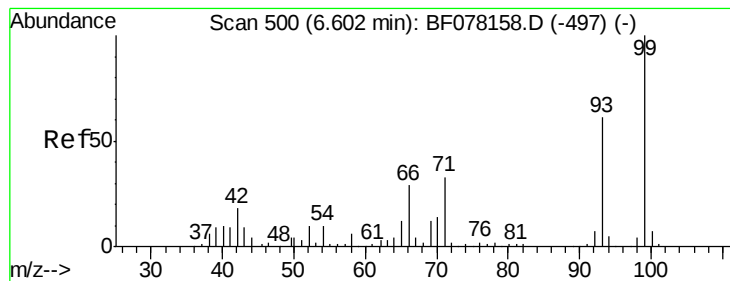
2-Fluorophenol
 Concen: 99.17 ng
 RT: 5.21 min Scan# 378
 Delta R.T. -0.06 min
 Lab File: BF078334.D
 Acq: 8 Apr 2015 10:50

Tgt Ion:112 Resp: 211523
 Ion Ratio Lower Upper
 112 100
 64 49.5 39.9 59.9
 63 25.0 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: 101.73 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.03 min

Lab File: BF078334.D

Acq: 8 Apr 2015 10:50

Instrument :

BNA_F

ClientSampleId :

PE-2

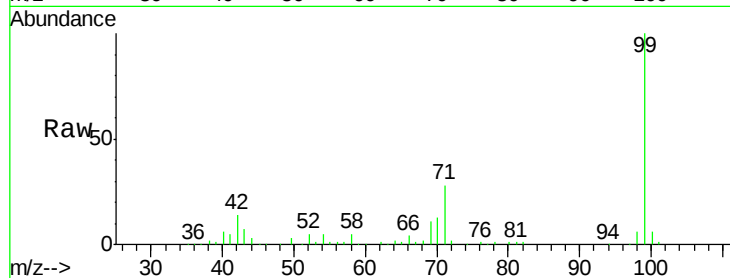
Tot Ion: 99 Resp: 271947

Ion Ratio Lower Upper

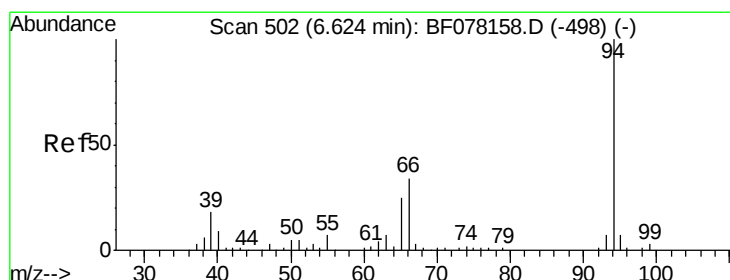
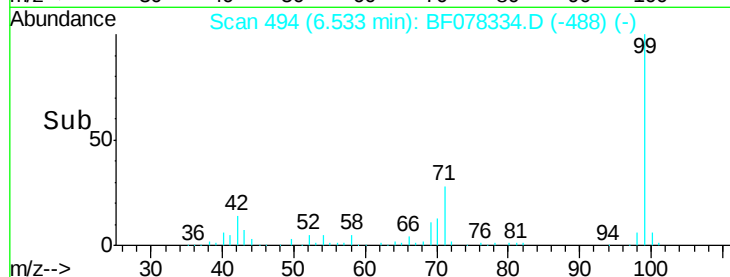
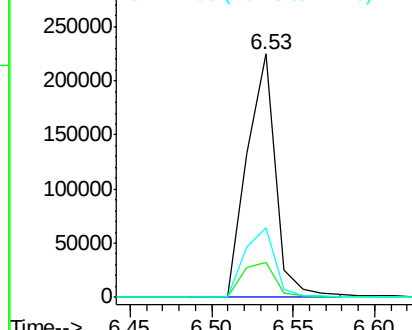
99 100

42 14.4 14.8 22.2#

71 28.4 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



#10

Phenol

Concen: 2.31 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF078334.D

Acq: 8 Apr 2015 10:50

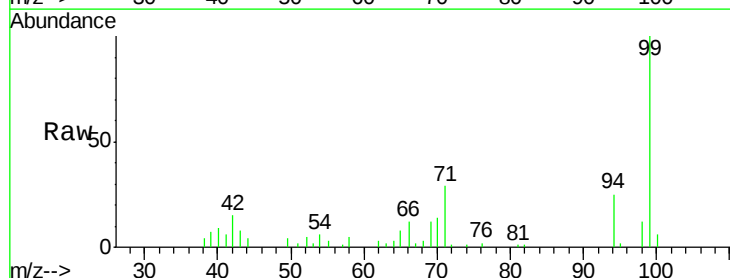
Tgt Ion: 94 Resp: 7403

Ion Ratio Lower Upper

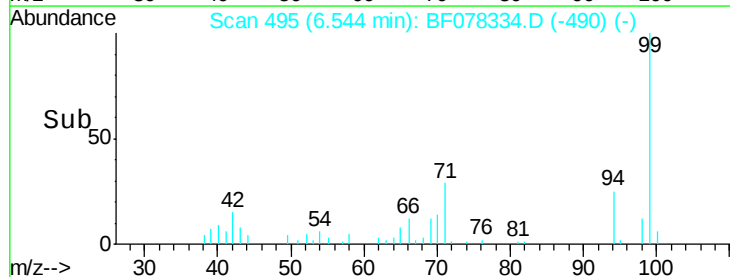
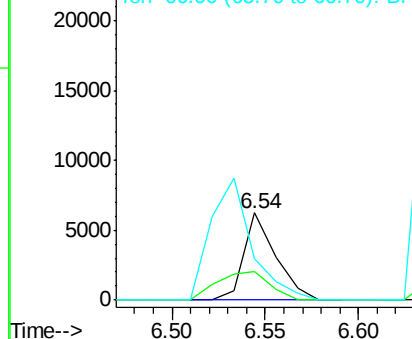
94 100

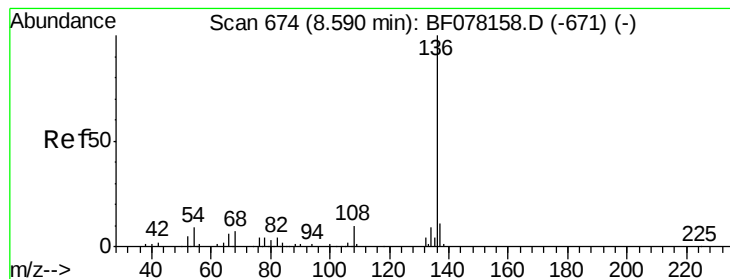
65 33.2 4.9 44.9

66 47.6 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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF078334.D

Acq: 8 Apr 2015 10:50

Instrument :

BNA_F

ClientSampleId :

PE-2

Tot Ion:136 Resp: 143405

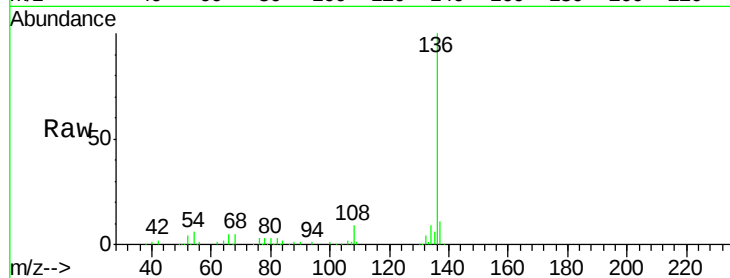
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.3 7.0 10.6#

68 5.0 5.4 8.2#

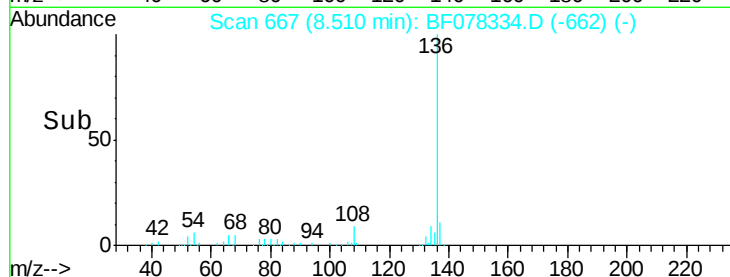


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

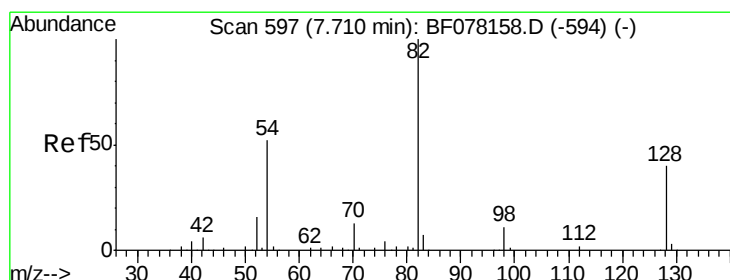
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.45 8.50 8.55



#23

Nitrobenzene-d5

Concen: 64.69 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.05 min

Lab File: BF078334.D

Acq: 8 Apr 2015 10:50

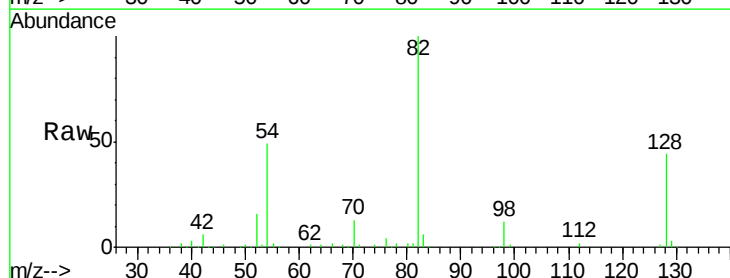
Tgt Ion: 82 Resp: 153058

Ion Ratio Lower Upper

82 100

128 43.8 31.8 47.8

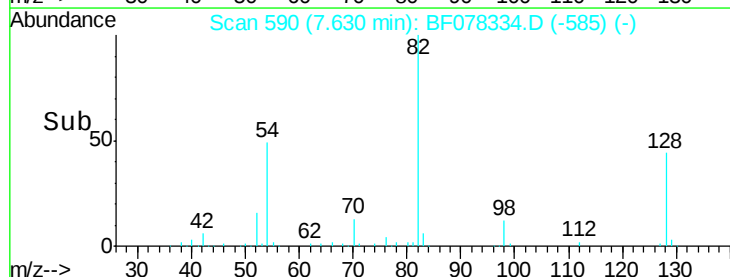
54 48.8 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

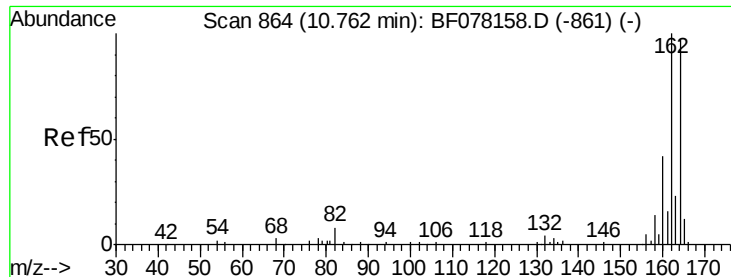
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

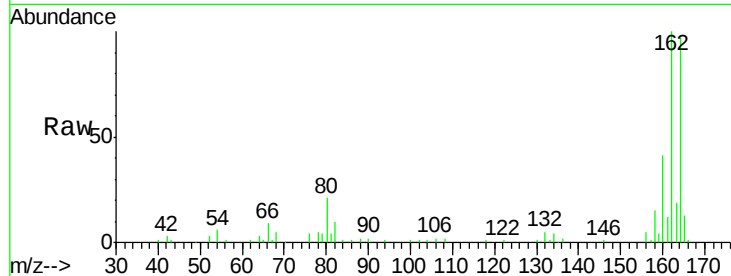
7.60 7.65 7.70



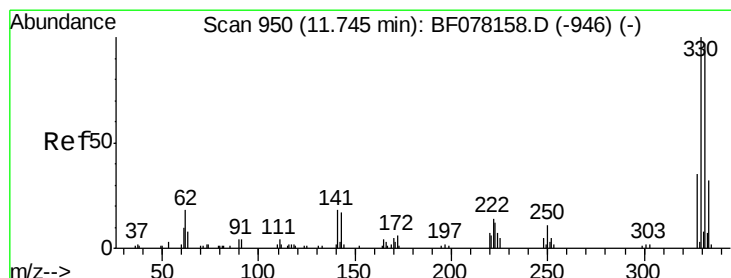
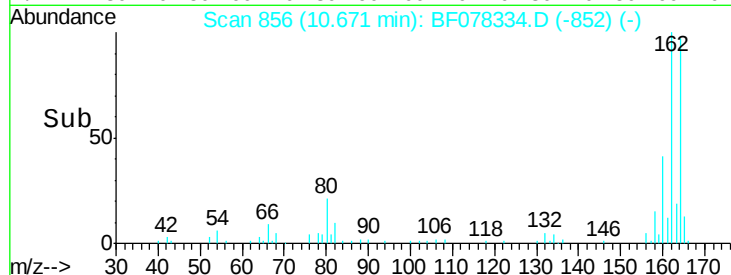
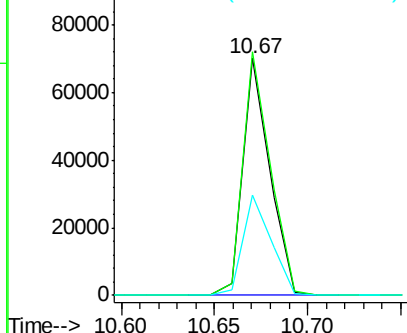
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.06 min
 Lab File: BF078334.D
 Acq: 8 Apr 2015 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tot Ion:164 Resp: 70795
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.2 123.2
 160 42.5 34.7 52.1

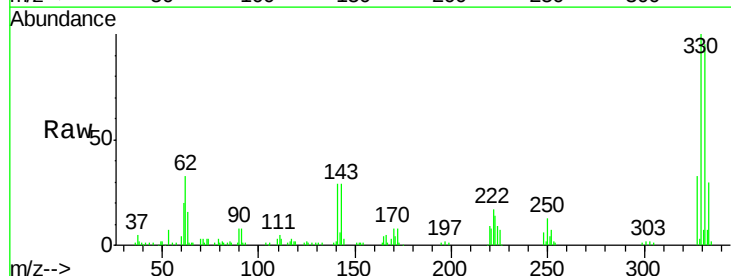


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

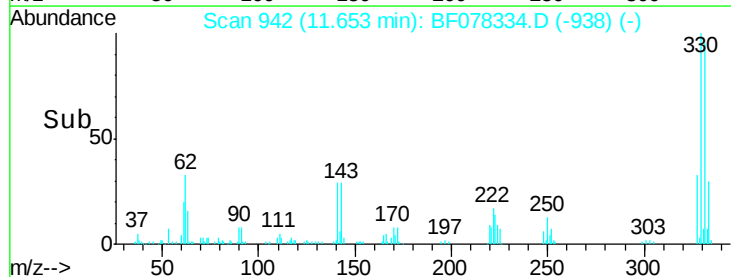
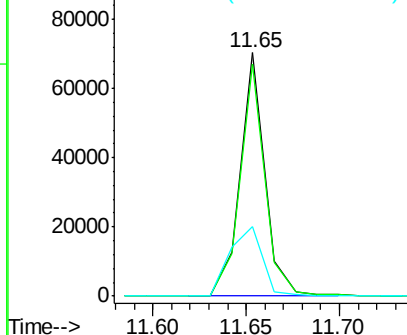


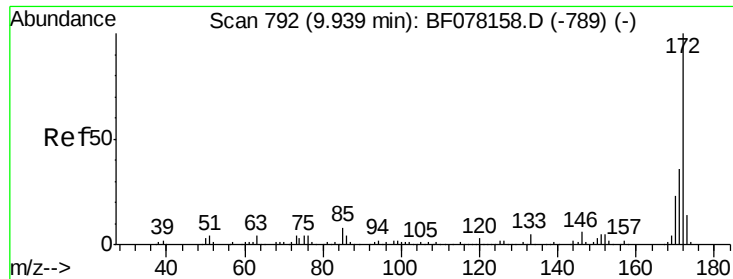
#41
 2,4,6-Tribromophenol
 Concen: 111.17 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF078334.D
 Acq: 8 Apr 2015 10:50

Tgt Ion:330 Resp: 65272
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.6 117.8
 141 38.0 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

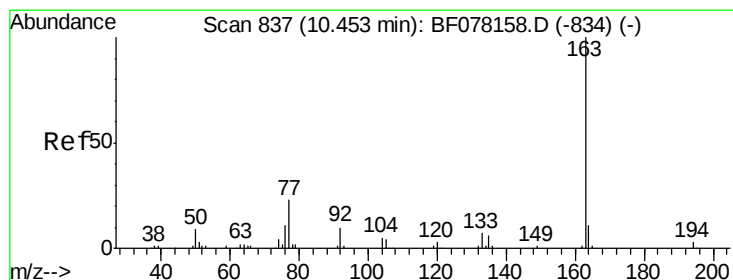
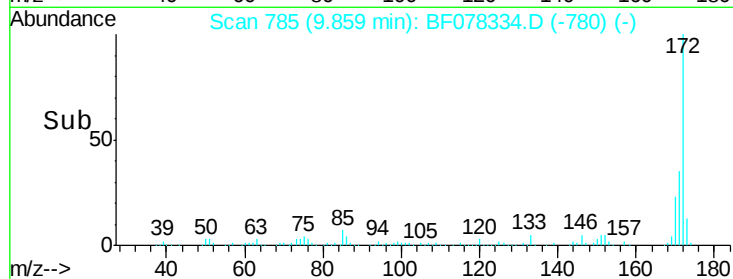
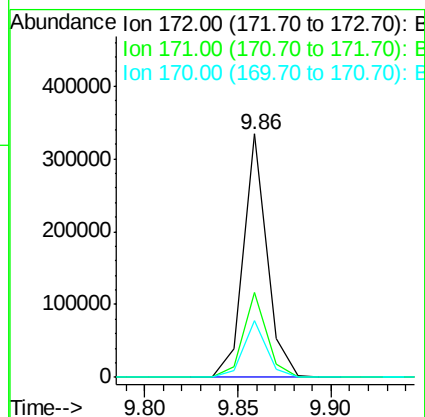
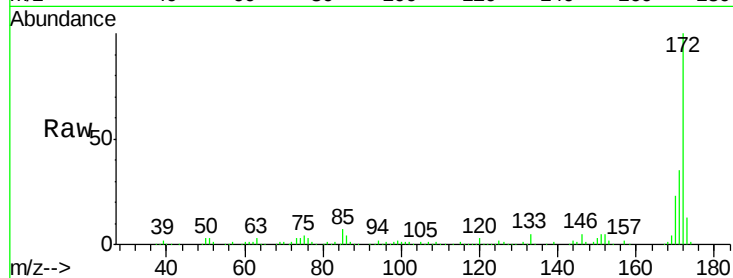




#44
2-Fluorobiphenyl
Concen: 59.67 ng
RT: 9.86 min Scan# 785
Delta R.T. -0.05 min
Lab File: BF078334.D
Acq: 8 Apr 2015 10:50

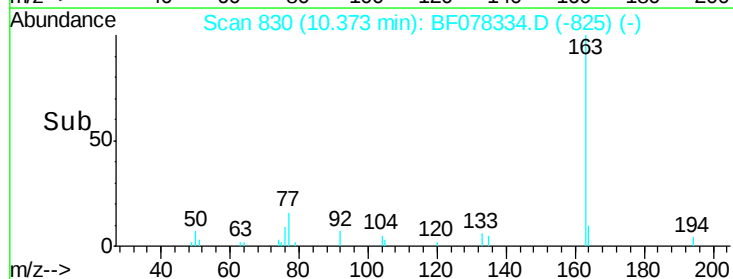
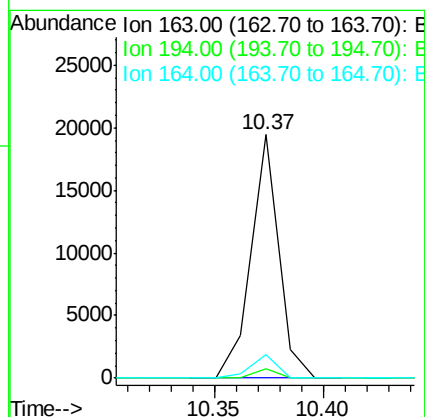
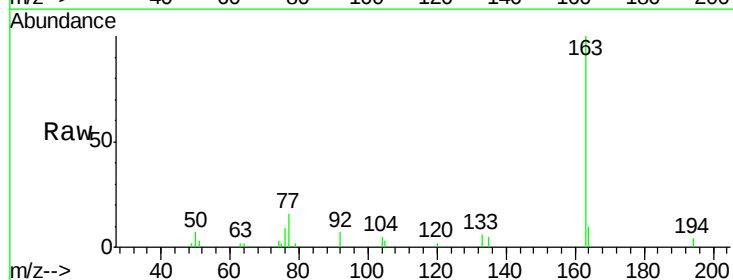
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BNA_F
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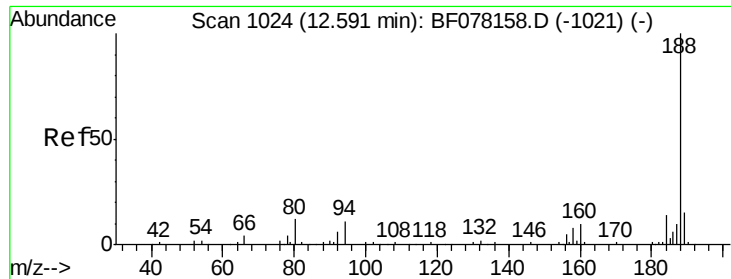
Tot Ion:172 Resp: 295552
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.3 18.5 27.7



#49
Dimethylphthalate
Concen: 3.24 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF078334.D
Acq: 8 Apr 2015 10:50

Tgt Ion:163 Resp: 17215
Ion Ratio Lower Upper
163 100
194 3.8 2.3 3.5#
164 9.7 8.6 13.0

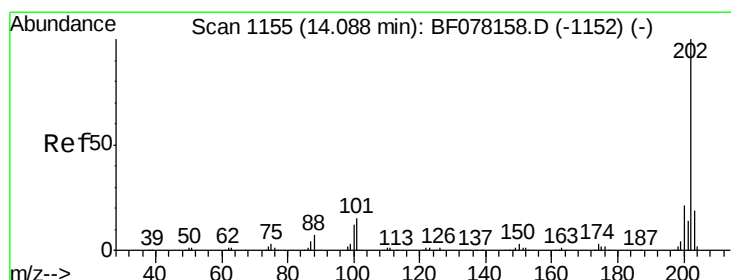
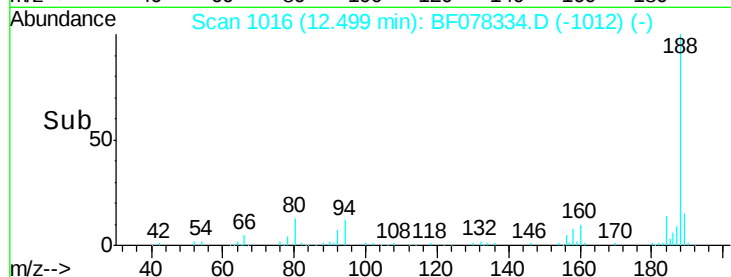
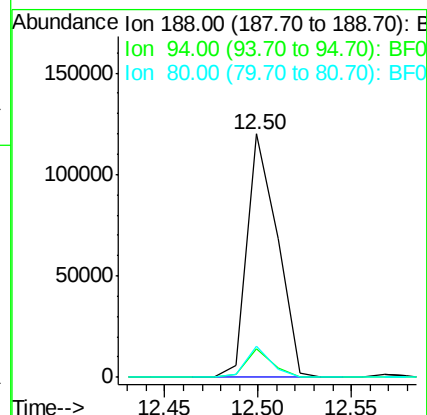
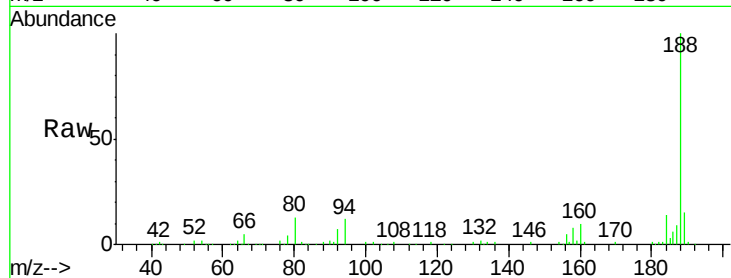




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.06 min
Lab File: BF078334.D
Acq: 8 Apr 2015 10:50

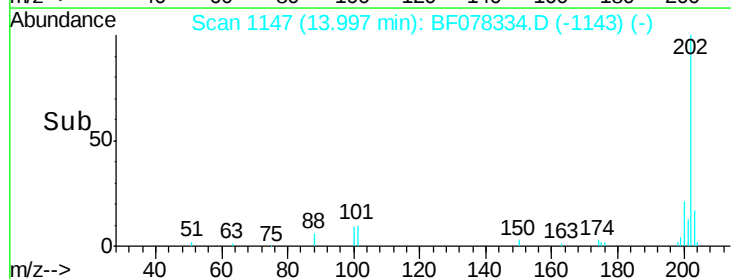
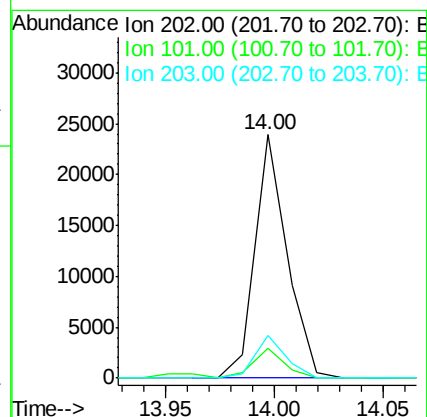
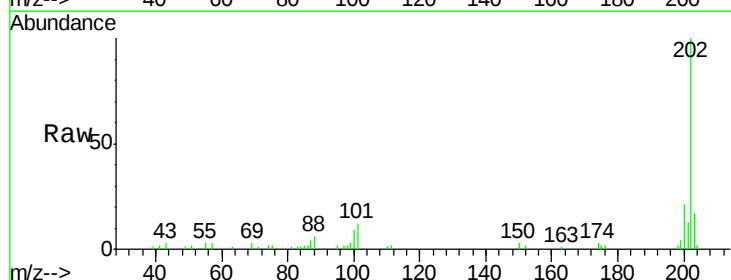
Instrument :
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ClientSampleId :
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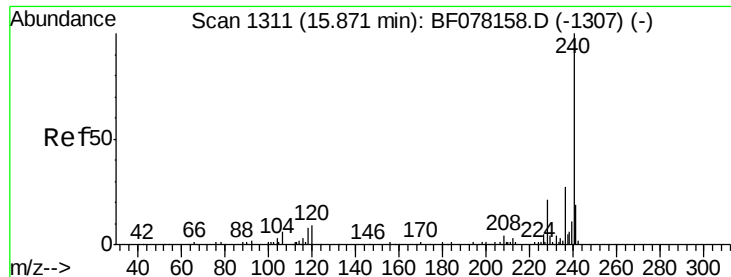
Tot Ion:188 Resp: 135053
Ion Ratio Lower Upper
188 100
94 11.9 9.0 13.4
80 12.6 9.5 14.3



#74
Fluoranthene
Concen: 3.00 ng
RT: 14.00 min Scan# 1147
Delta R.T. -0.06 min
Lab File: BF078334.D
Acq: 8 Apr 2015 10:50

Tgt Ion:202 Resp: 24677
Ion Ratio Lower Upper
202 100
101 12.1 0.0 35.2
203 17.3 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: BF078334.D

Acq: 8 Apr 2015 10:50

Instrument :

BNA_F

ClientSampleId :

PE-2

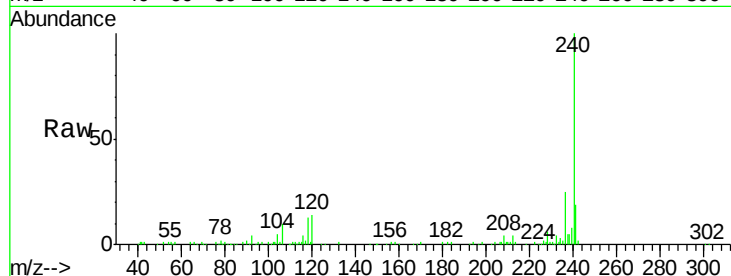
Tot Ion:240 Resp: 145596

Ion Ratio Lower Upper

240 100

120 13.9 7.1 10.7#

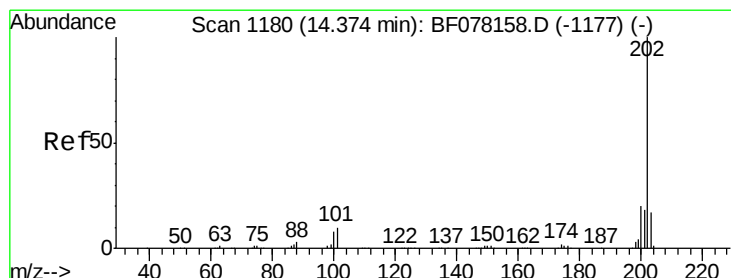
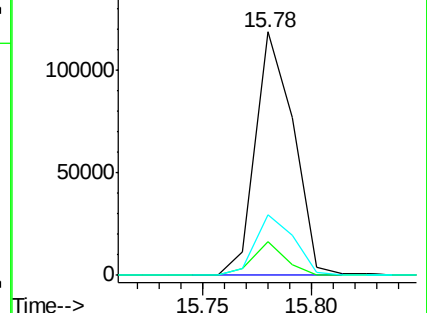
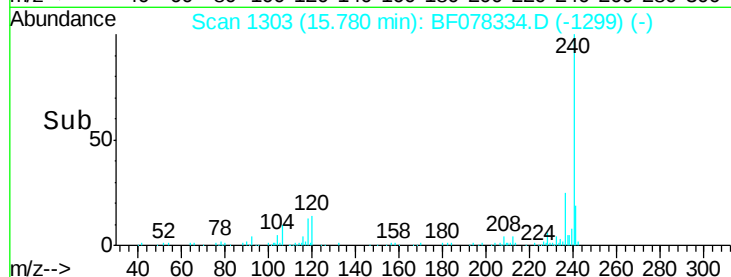
236 24.9 21.4 32.2



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: 3.01 ng

RT: 14.27 min Scan# 1171

Delta R.T. -0.07 min

Lab File: BF078334.D

Acq: 8 Apr 2015 10:50

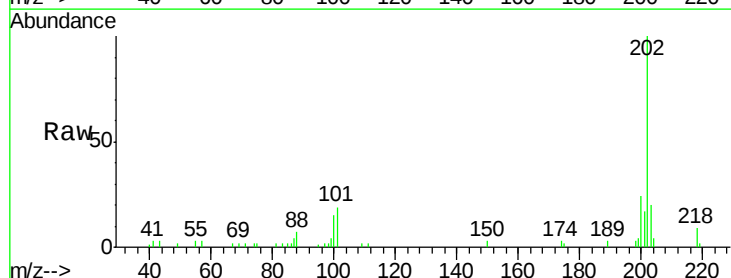
Tgt Ion:202 Resp: 27532

Ion Ratio Lower Upper

202 100

200 23.9 16.3 24.5

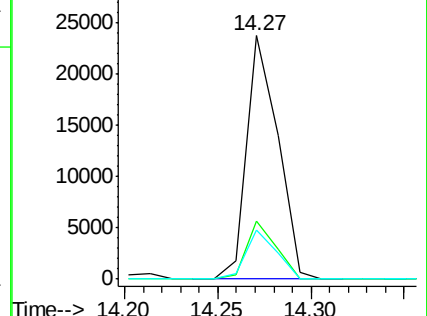
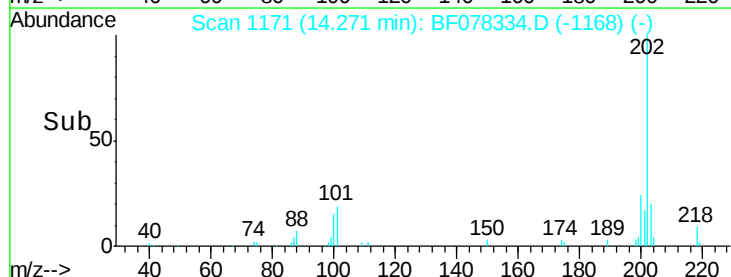
203 20.1 13.8 20.6

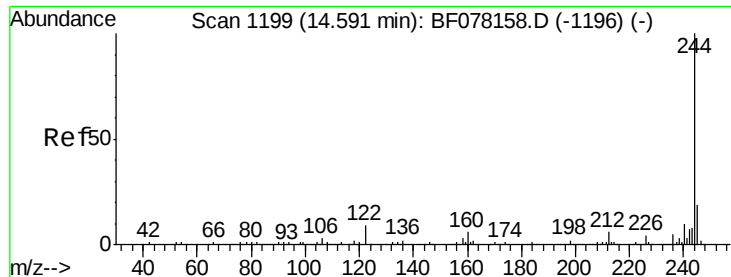


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

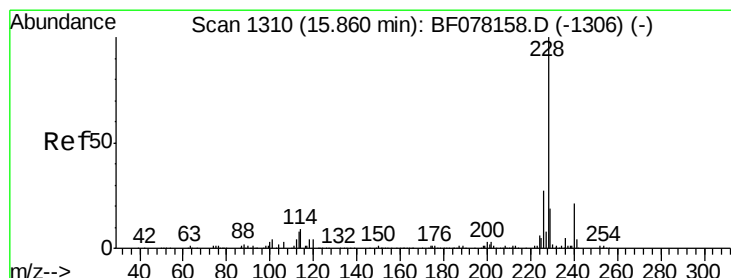
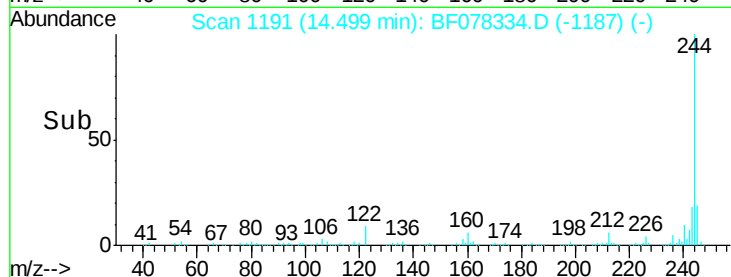
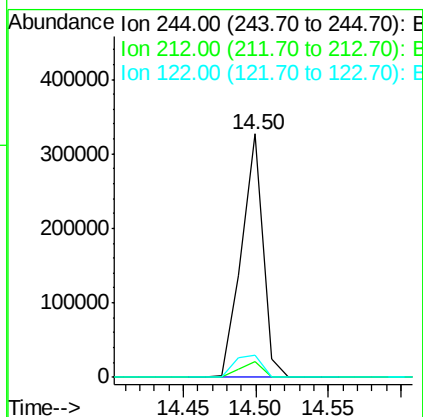
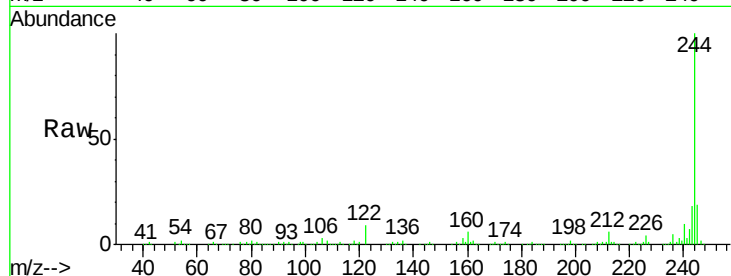




#78
 Terphenyl-d14
 Concen: 52.42 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.06 min
 Lab File: BF078334.D
 Acq: 8 Apr 2015 10:50

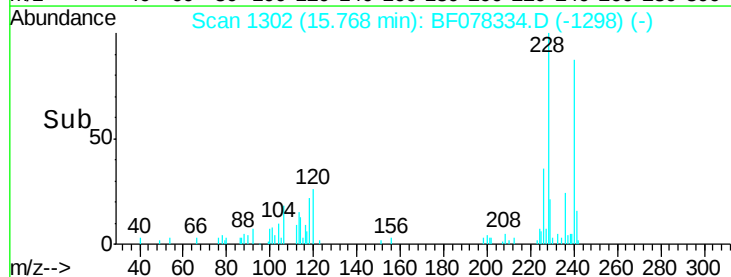
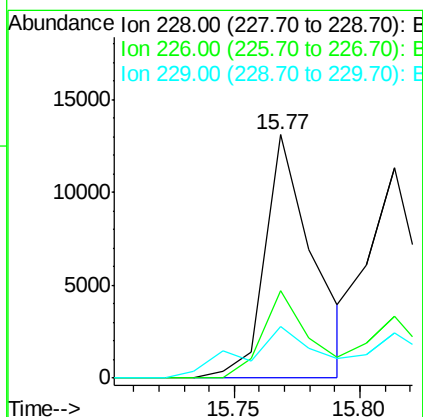
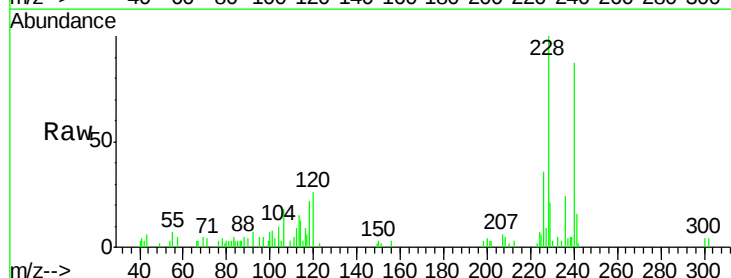
Instrument :
 BNA_F
 ClientSampleId :
 PE-2

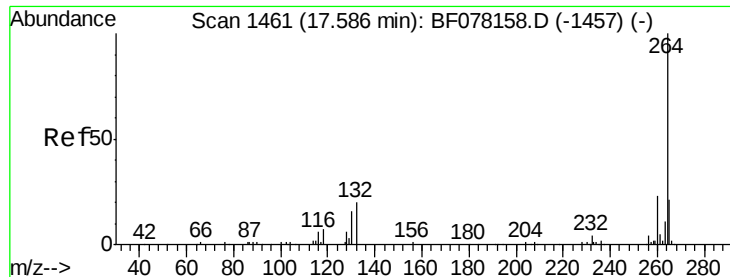
Tot Ion:244 Resp: 337768
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.2 7.1 10.7



#80
 Benzo(a)anthracene
 Concen: 2.04 ng m
 RT: 15.77 min Scan# 1302
 Delta R.T. -0.06 min
 Lab File: BF078334.D
 Acq: 8 Apr 2015 10:50

Tgt Ion:228 Resp: 17656
 Ion Ratio Lower Upper
 228 100
 226 35.9 21.3 31.9#
 229 21.5 15.4 23.2

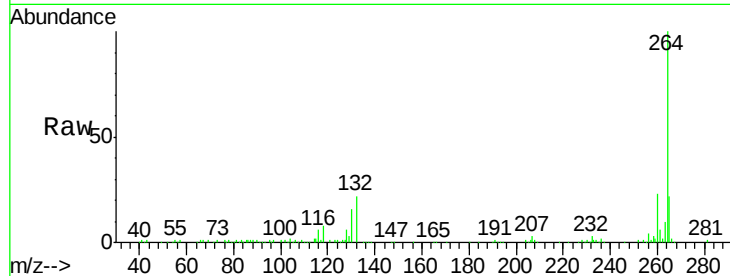




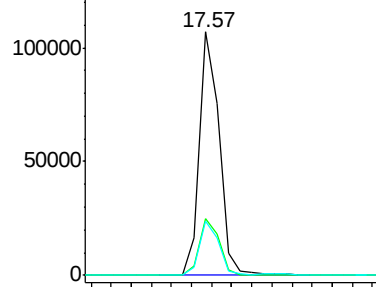
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.02 min
Lab File: BF078334.D
Acq: 8 Apr 2015 10:50

Instrument :
BNA_F
ClientSampled :
PE-2

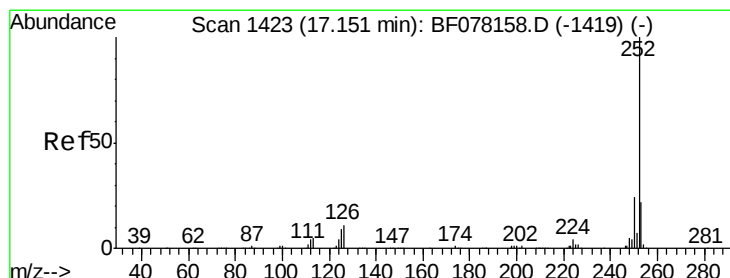
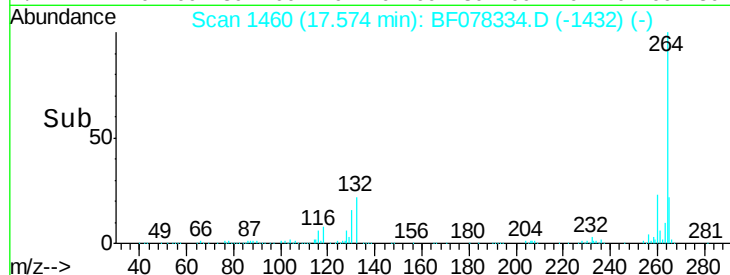
Tot Ion:264 Resp: 146966
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 22.1 17.0 25.6



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

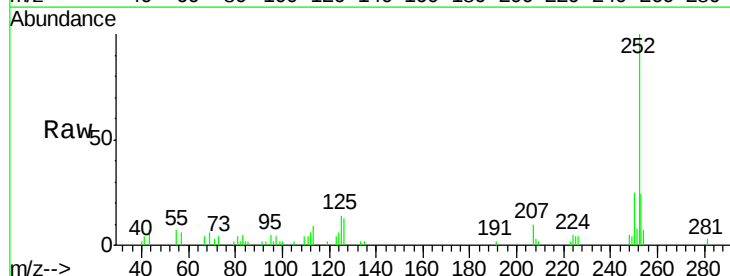


Time-->

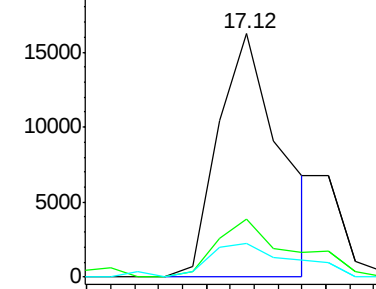


#87
Benzo(b)fluoranthene
Concen: 3.26 ng m
RT: 17.12 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF078334.D
Acq: 8 Apr 2015 10:50

Tgt Ion:252 Resp: 29620
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 14.1 7.0 10.4#



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



Time-->

