

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078436.D
 Acq On : 11 Apr 2015 11:18
 Operator : TP/IZ
 Sample : G1793-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7D

Quant Time: Apr 13 02:22:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 11:29:31 2015
 Response via : Initial Calibration

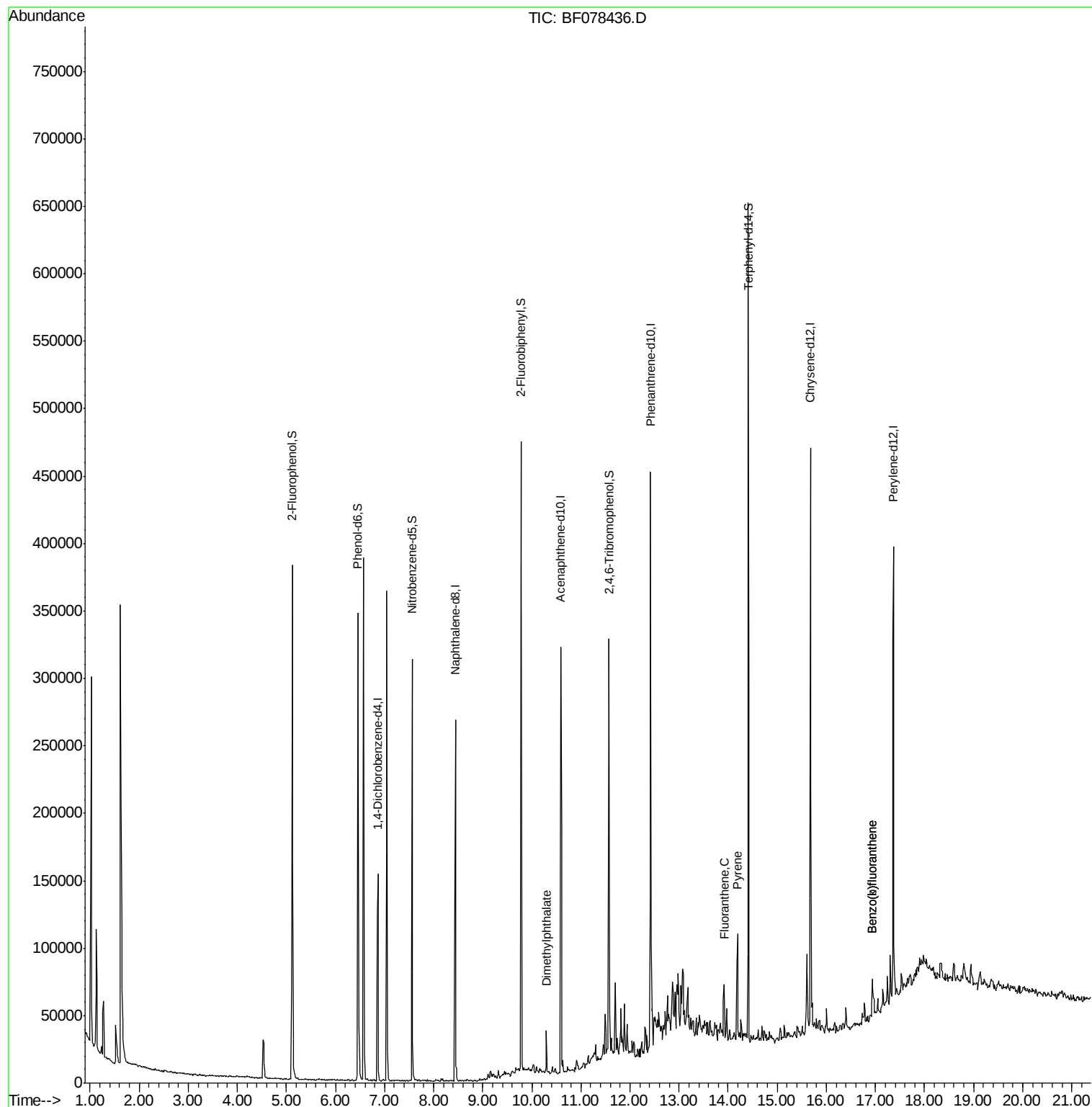
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	34095	20.00	ng	-0.02
21) Naphthalene-d8	8.44	136	147841	20.00	ng	-0.02
38) Acenaphthene-d10	10.59	164	78246	20.00	ng	-0.05
63) Phenanthrene-d10	12.42	188	156918	20.00	ng	-0.05
75) Chrysene-d12	15.68	240	171092	20.00	ng	-0.07
86) Perylene-d12	17.37	264	167466	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	139458	67.44	ng	-0.06
7) Phenol-d6	6.45	99	176418	68.07	ng	-0.02
23) Nitrobenzene-d5	7.56	82	104818	42.97	ng	-0.02
41) 2,4,6-Tribromophenol	11.57	330	47941	73.88	ng	-0.05
44) 2-Fluorobiphenyl	9.78	172	210505	38.46	ng	-0.03
78) Terphenyl-d14	14.41	244	234859	31.02	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	10.29	163	12941	2.20	ng	99
74) Fluoranthene	13.92	202	21371	2.23	ng	90
77) Pyrene	14.19	202	40766	3.80	ng	96
87) Benzo(b)fluoranthene	16.93	252	21062	2.03	ng	# 93
88) Benzo(k)fluoranthene	16.93	252	21062	2.29	ng	# 96

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078436.D
Acq On : 11 Apr 2015 11:18
Operator : TP/IZ
Sample : G1793-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7D

Quant Time: Apr 13 02:22:12 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 11:29:31 2015
Response via : Initial Calibration

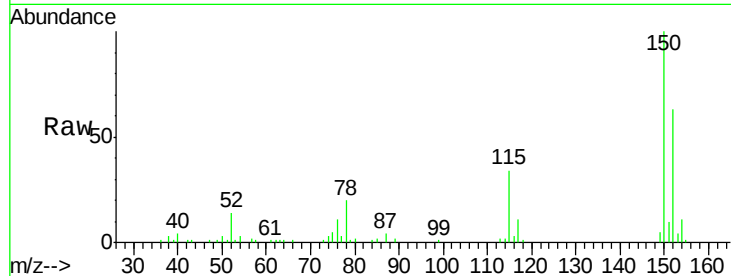




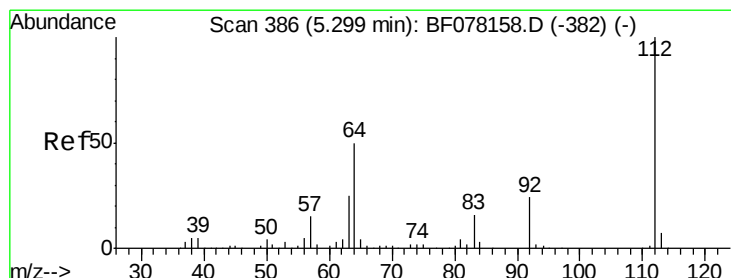
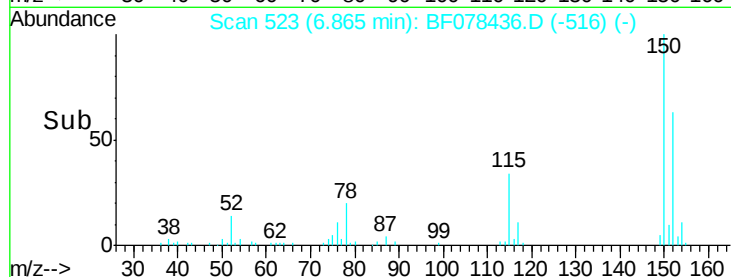
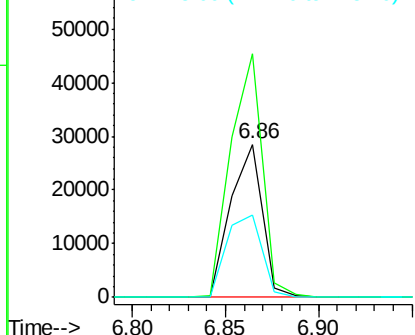
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF078436.D
 Acq: 11 Apr 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-7D

Tgt Ion:152 Resp: 34095
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.9 188.9
 115 53.6 52.7 79.1

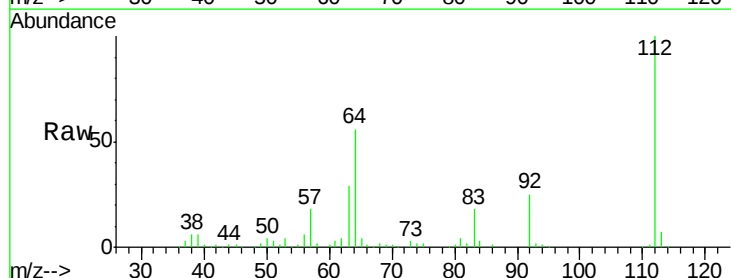


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

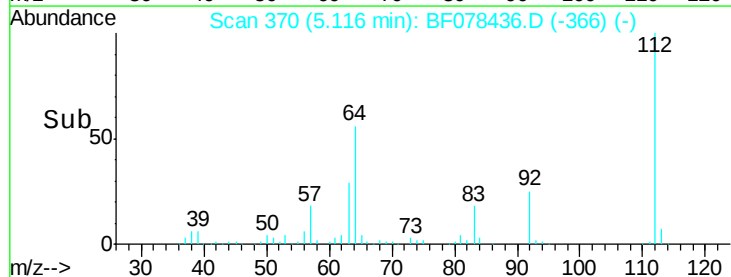
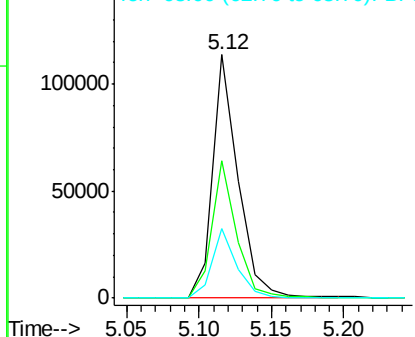


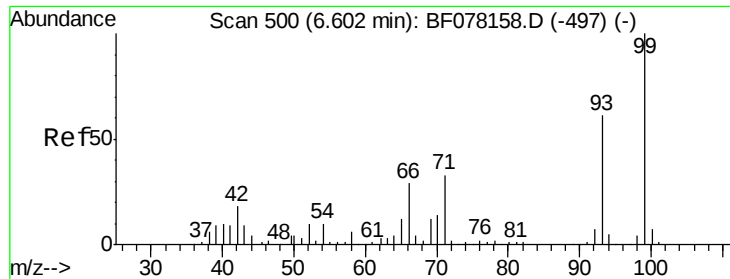
#5
 2-Fluorophenol
 Concen: 67.44 ng
 RT: 5.12 min Scan# 370
 Delta R.T. -0.06 min
 Lab File: BF078436.D
 Acq: 11 Apr 2015 11:18

Tgt Ion:112 Resp: 139458
 Ion Ratio Lower Upper
 112 100
 64 56.3 39.9 59.9
 63 28.8 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: 68.07 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF078436.D

Acq: 11 Apr 2015 11:18

Instrument :

BNA_F

ClientSampleId :

SB-7D

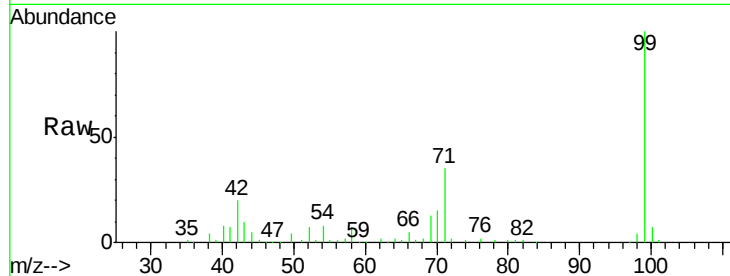
Tgt Ion: 99 Resp: 176418

Ion Ratio Lower Upper

99 100

42 20.5 14.8 22.2

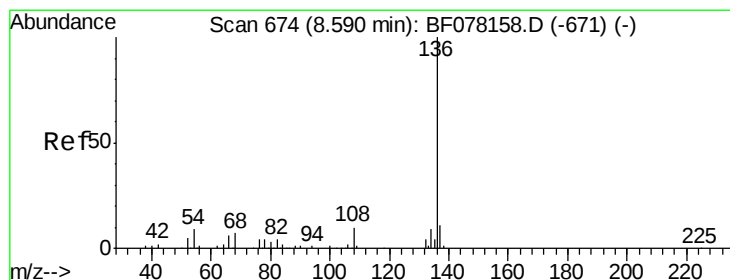
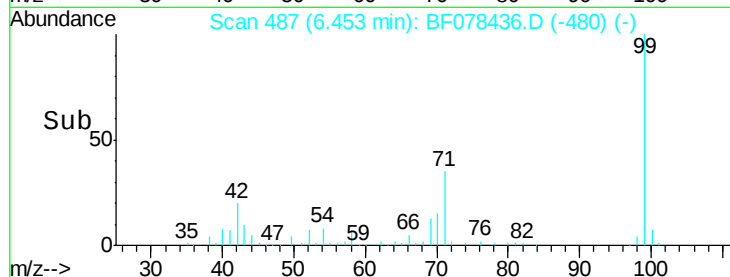
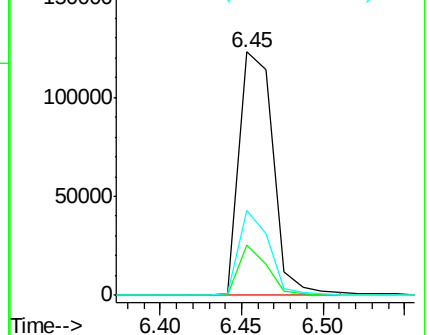
71 34.7 26.6 39.8



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: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF078436.D

Acq: 11 Apr 2015 11:18

Tgt Ion: 136 Resp: 147841

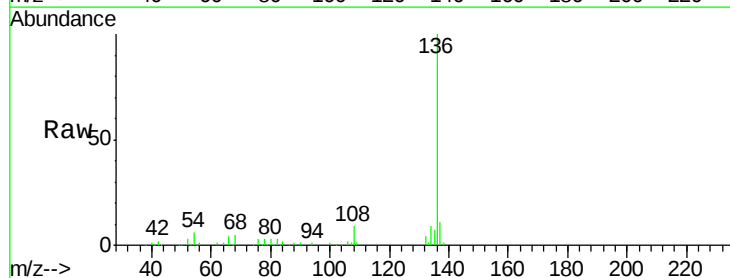
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.9 7.0 10.6#

68 4.6 5.4 8.2#

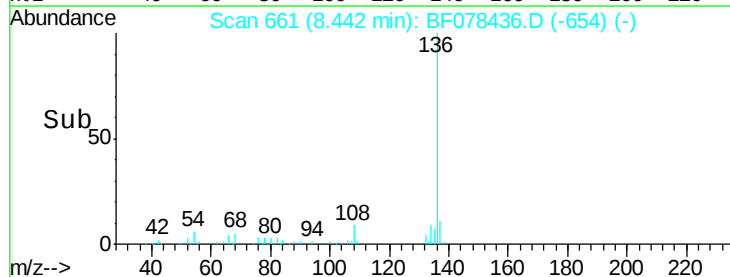
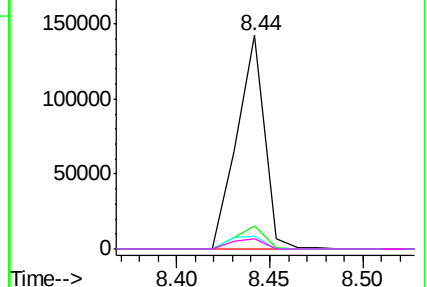


Abundance Ion 136.00 (135.70 to 136.70): E

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

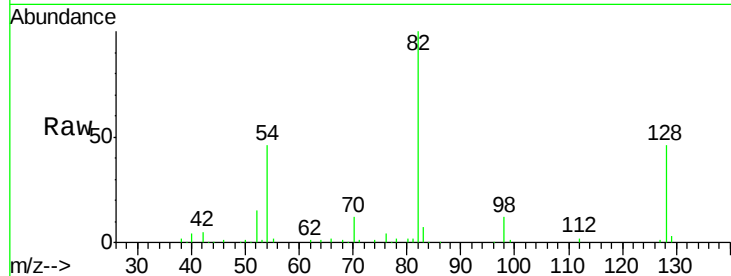




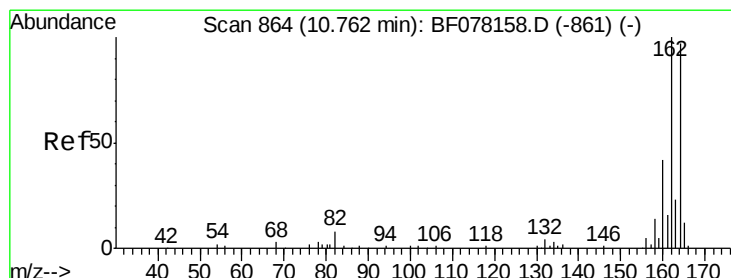
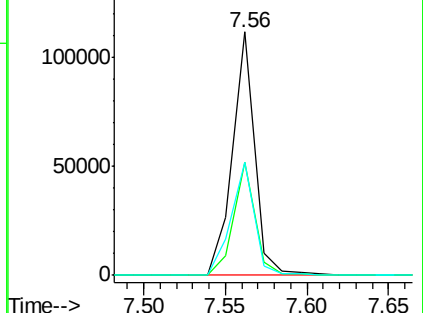
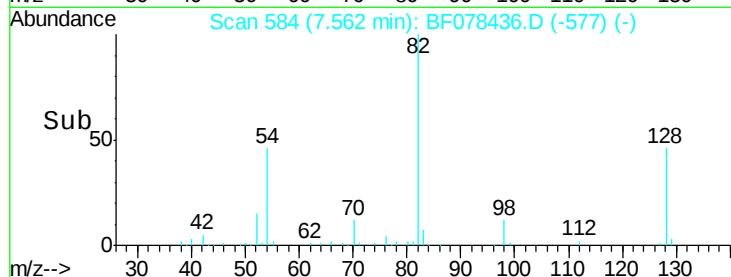
#23
 Nitrobenzene-d5
 Concen: 42.97 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF078436.D
 Acq: 11 Apr 2015 11:18

Instrument :
 BNA_F
 ClientSampleID :
 SB-7D

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	31.8	47.8
54	46.4	41.5	62.3

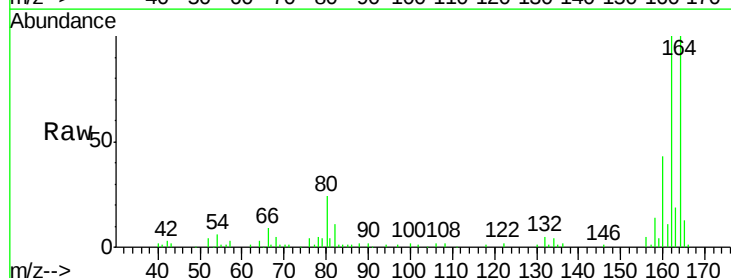


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

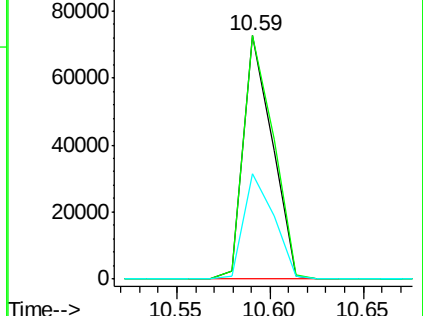
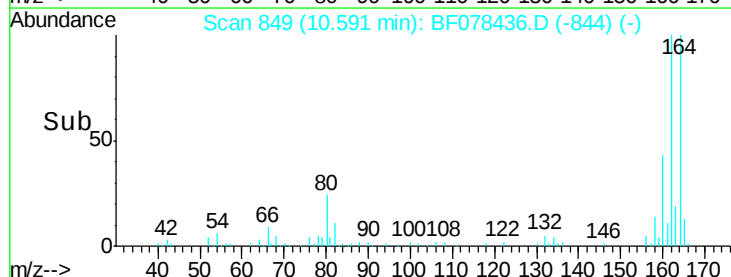


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF078436.D
 Acq: 11 Apr 2015 11:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.2	123.2
160	43.3	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

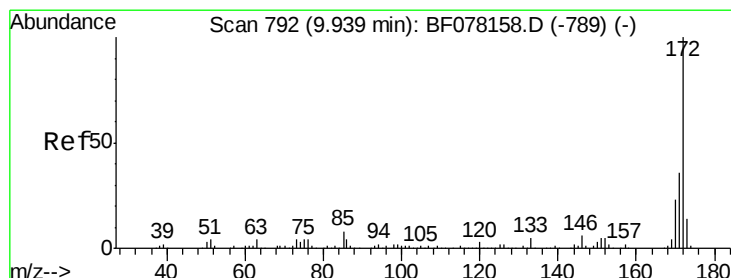
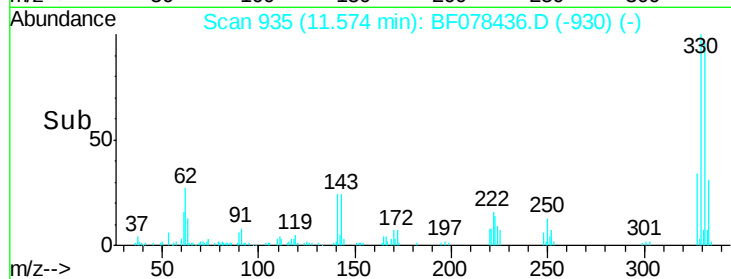
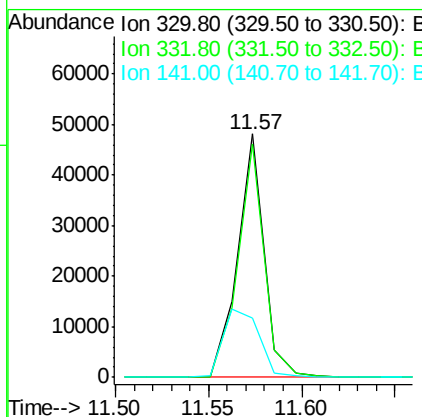
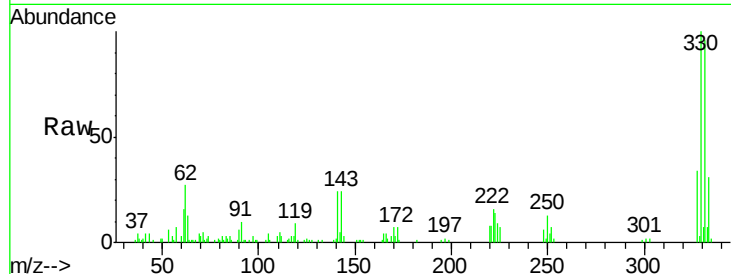




#41
 2,4,6-Tribromophenol
 Concen: 73.88 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.05 min
 Lab File: BF078436.D
 Acq: 11 Apr 2015 11:18

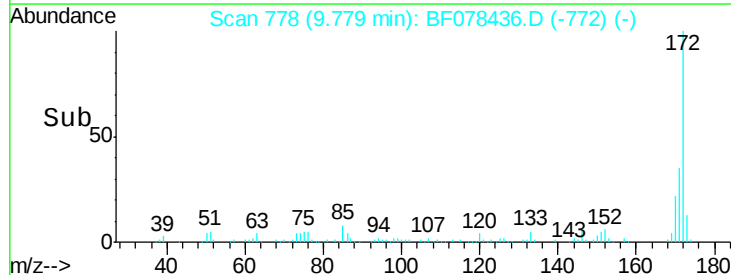
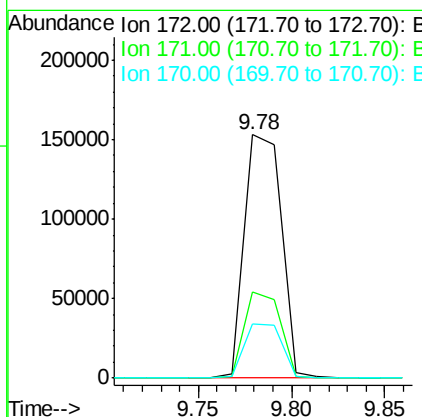
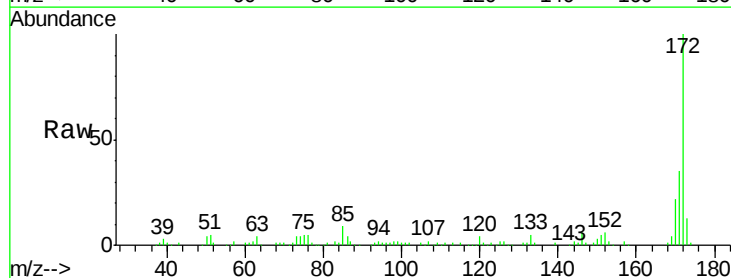
Instrument :
 BNA_F
 ClientSampleId :
 SB-7D

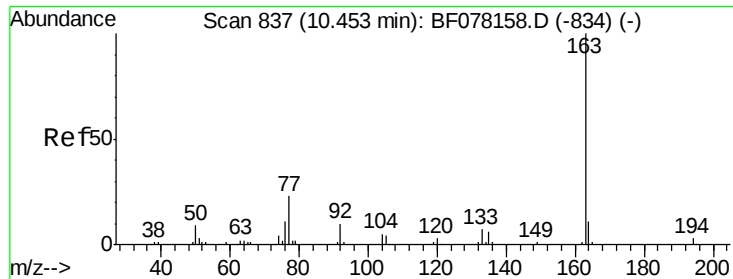
Tgt Ion:330 Resp: 47941
 Ion Ratio Lower Upper
 330 100
 332 94.6 78.6 117.8
 141 38.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 38.46 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF078436.D
 Acq: 11 Apr 2015 11:18

Tgt Ion:172 Resp: 210505
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 22.4 18.5 27.7

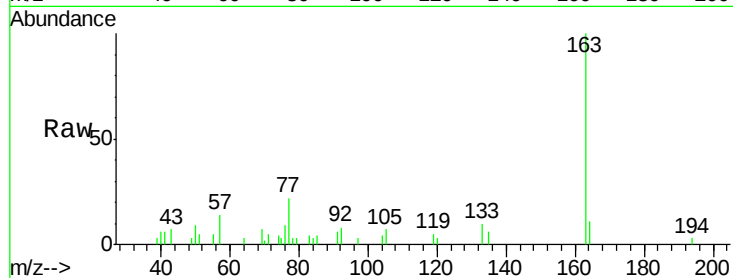




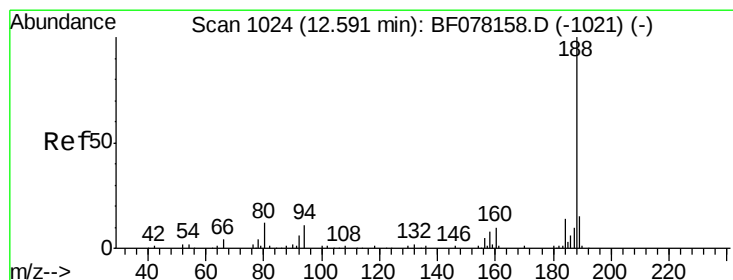
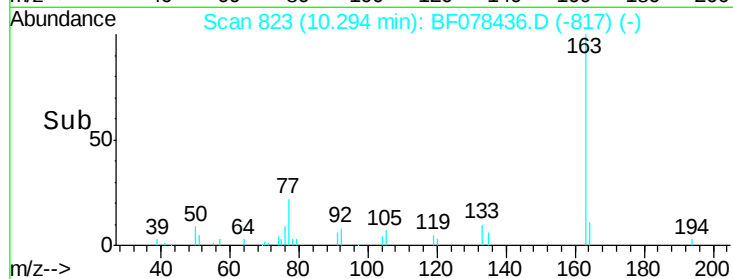
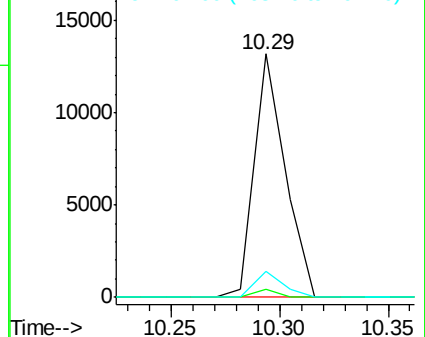
#49
Dimethylphthalate
Concen: 2.20 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF078436.D
Acq: 11 Apr 2015 11:18

Instrument :
BNA_F
ClientSampleId :
SB-7D

Tgt Ion:163 Resp: 12941
Ion Ratio Lower Upper
163 100
194 3.4 2.3 3.5
164 10.7 8.6 13.0

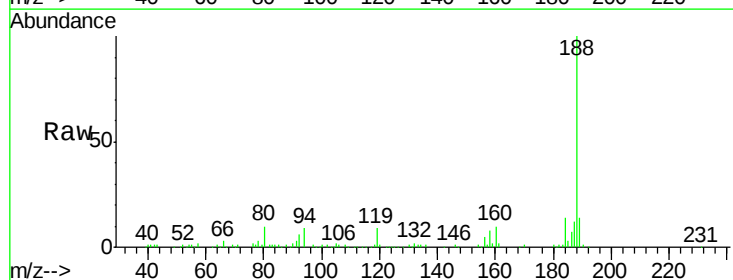


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

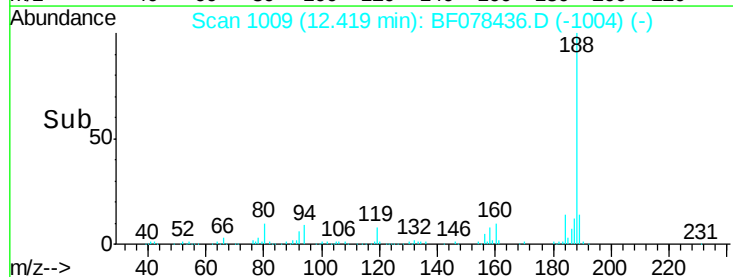
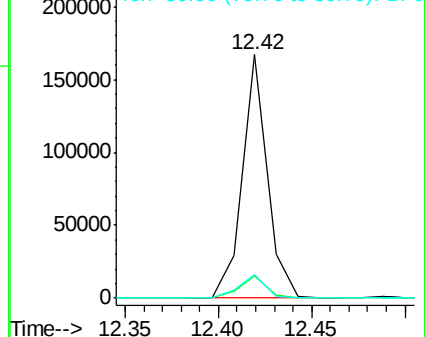


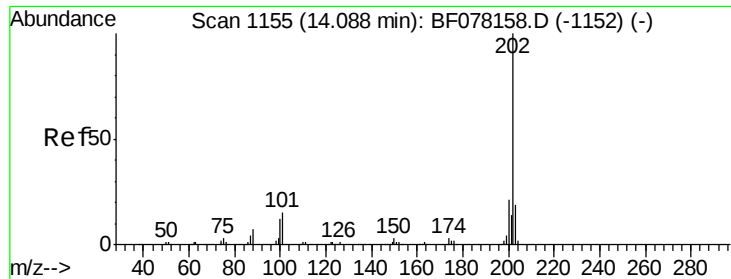
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF078436.D
Acq: 11 Apr 2015 11:18

Tgt Ion:188 Resp: 156918
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.8 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: 2.23 ng

RT: 13.92 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF078436.D

Acq: 11 Apr 2015 11:18

Instrument :

BNA_F

ClientSampleId :

SB-7D

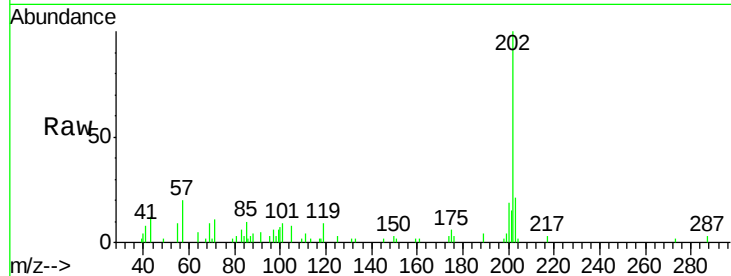
Tgt Ion:202 Resp: 21371

Ion Ratio Lower Upper

202 100

101 8.8 0.0 35.2

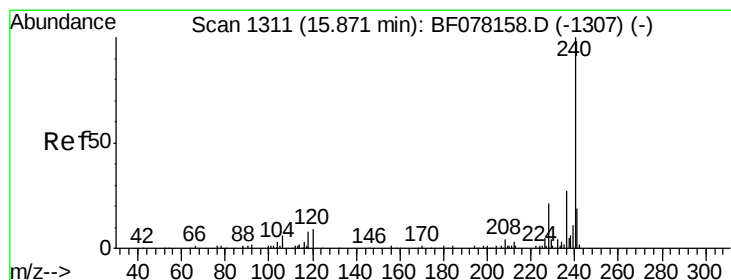
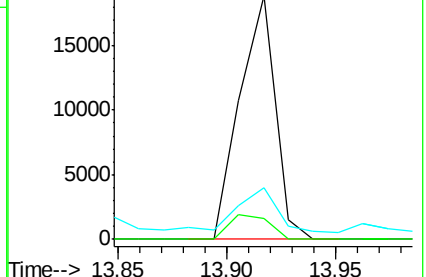
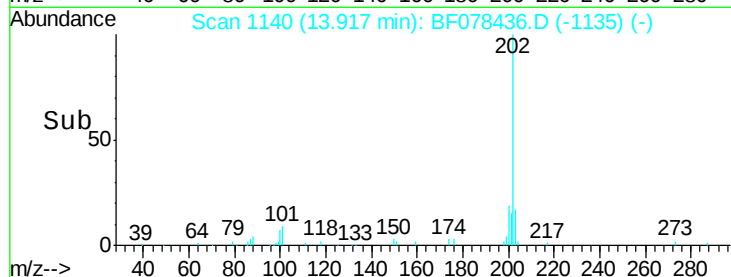
203 21.0 0.0 38.5



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: 15.68 min Scan# 1294

Delta R.T. -0.07 min

Lab File: BF078436.D

Acq: 11 Apr 2015 11:18

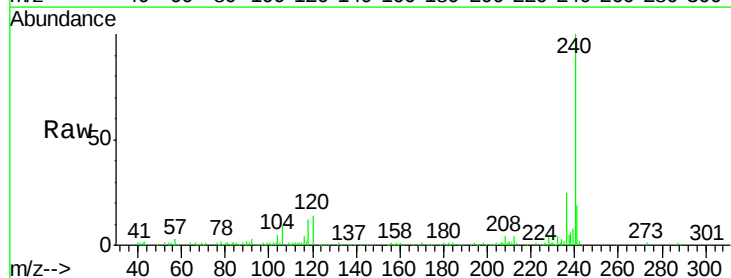
Tgt Ion:240 Resp: 171092

Ion Ratio Lower Upper

240 100

120 13.7 7.1 10.7#

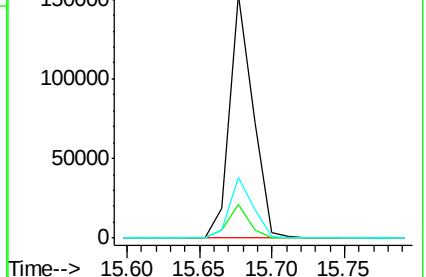
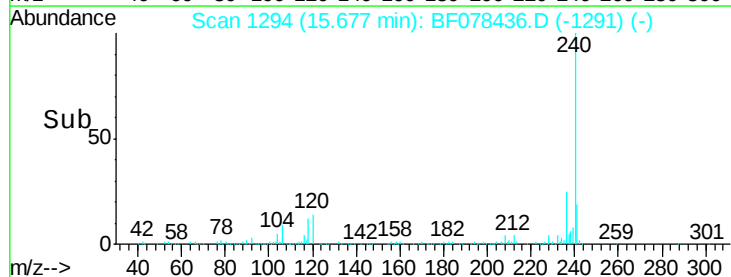
236 24.9 21.4 32.2

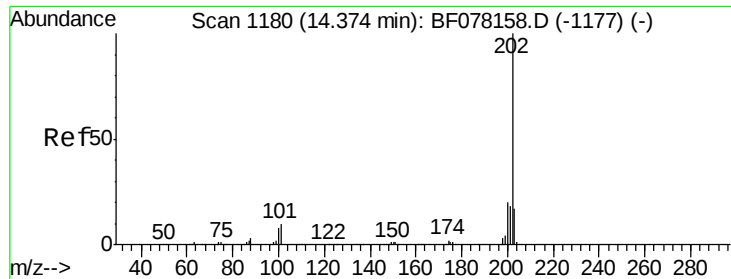


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.80 ng

RT: 14.19 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF078436.D

Acq: 11 Apr 2015 11:18

Instrument :

BNA_F

ClientSampleId :

SB-7D

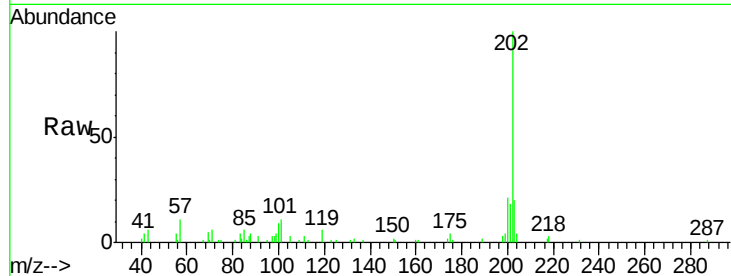
Tgt Ion:202 Resp: 40766

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

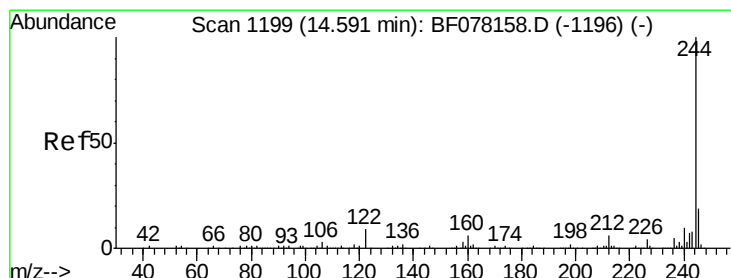
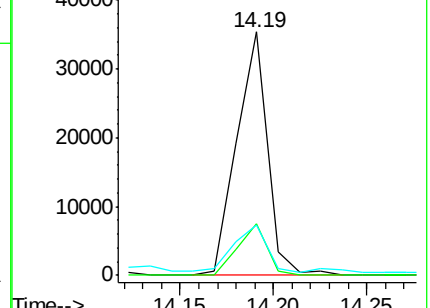
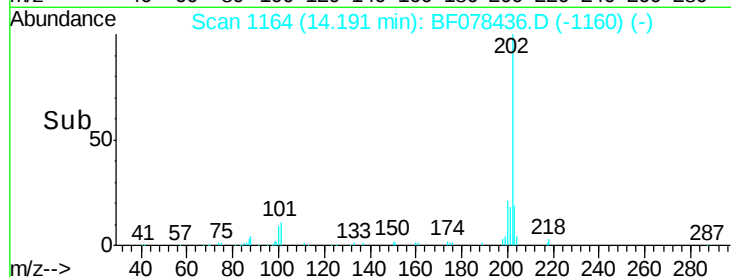
203 20.4 13.8 20.6



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: 31.02 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.06 min

Lab File: BF078436.D

Acq: 11 Apr 2015 11:18

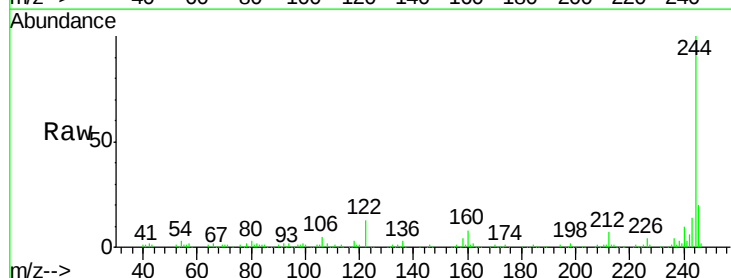
Tgt Ion:244 Resp: 234859

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

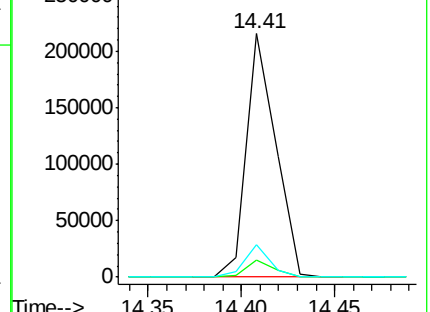
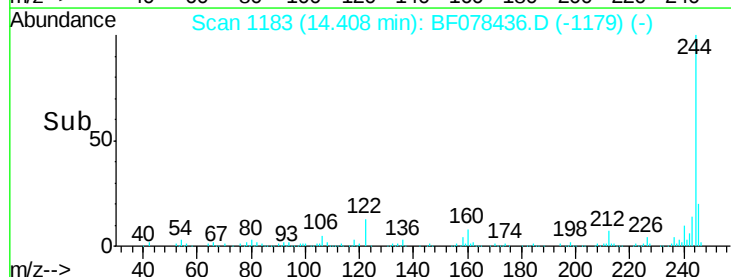
122 13.3 7.1 10.7#

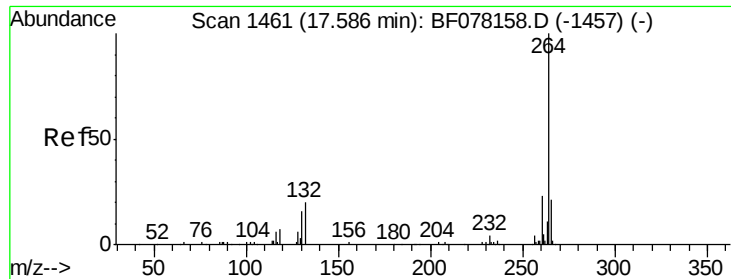


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

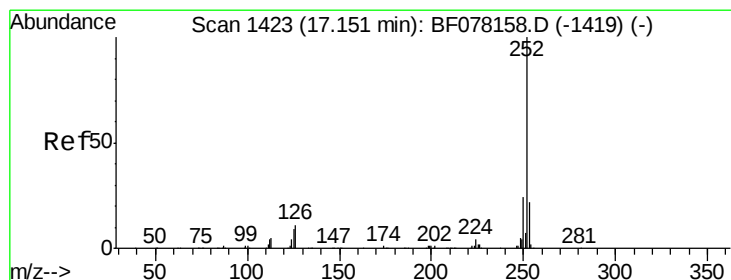
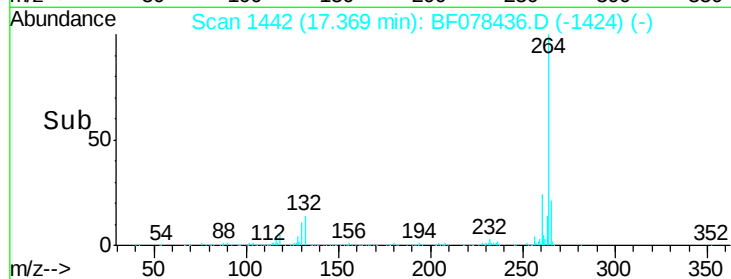
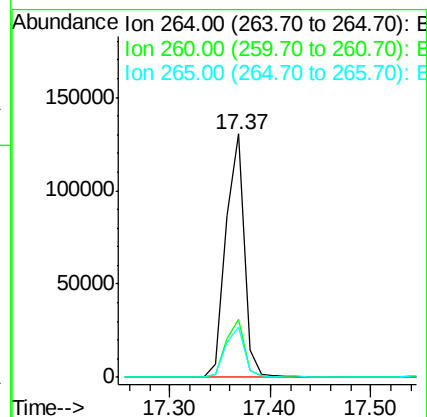
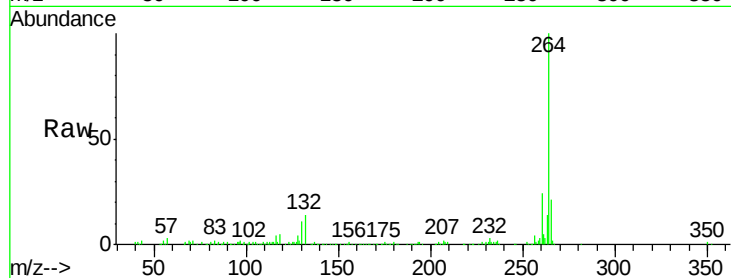




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.09 min
Lab File: BF078436.D
Acq: 11 Apr 2015 11:18

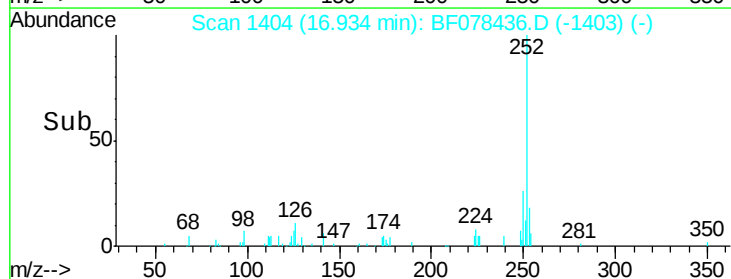
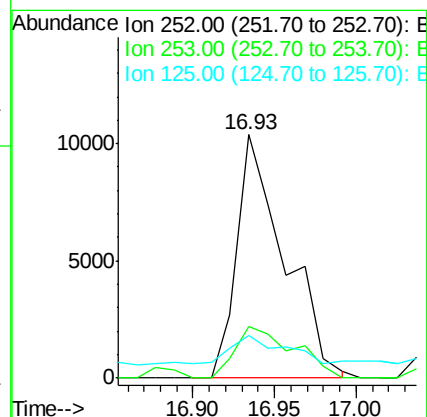
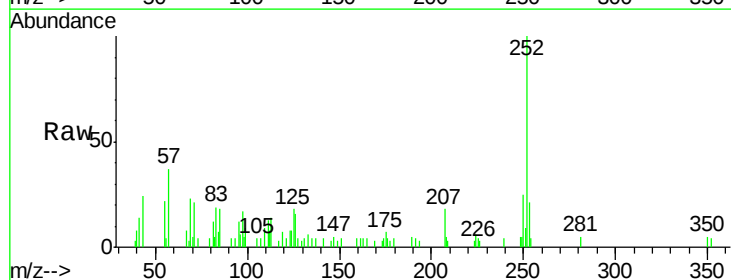
Instrument :
BNA_F
ClientSampleId :
SB-7D

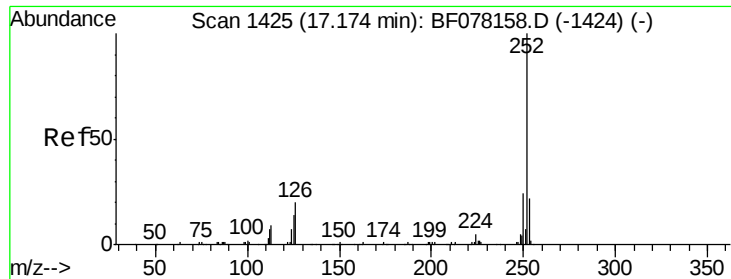
Tgt Ion: 264 Resp: 167466
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 20.9 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 2.03 ng
RT: 16.93 min Scan# 1404
Delta R.T. -0.09 min
Lab File: BF078436.D
Acq: 11 Apr 2015 11:18

Tgt Ion: 252 Resp: 21062
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 17.8 7.0 10.4#





#88
 Benzo(k)fluoranthene
 Concen: 2.29 ng
 RT: 16.93 min Scan# 1404
 Delta R.T. -0.11 min
 Lab File: BF078436.D
 Acq: 11 Apr 2015 11:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-7D

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	17.8	11.6	17.4

