

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078440.D
 Acq On : 11 Apr 2015 13:13
 Operator : TP/IZ
 Sample : G1793-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

Quant Time: Apr 13 02:23:08 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

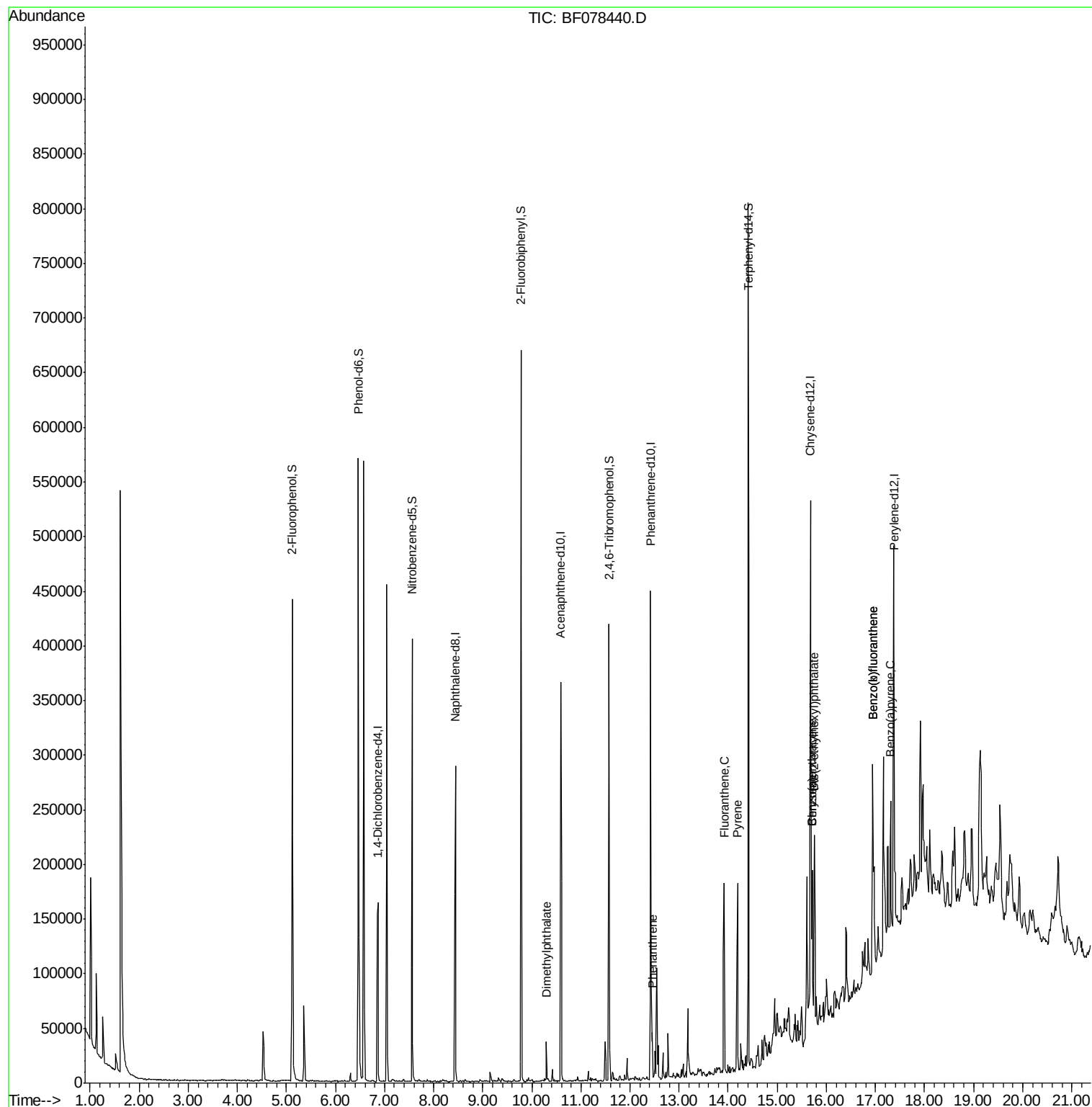
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	38807	20.00	ng	-0.02
21) Naphthalene-d8	8.44	136	166056	20.00	ng	-0.02
38) Acenaphthene-d10	10.59	164	85832	20.00	ng	-0.05
63) Phenanthrene-d10	12.42	188	171474	20.00	ng	-0.05
75) Chrysene-d12	15.68	240	191846	20.00	ng	-0.07
86) Perylene-d12	17.38	264	189533	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	167938	71.35	ng	-0.06
7) Phenol-d6	6.46	99	225415	76.42	ng	-0.01
23) Nitrobenzene-d5	7.56	82	134418	49.06	ng	-0.02
41) 2,4,6-Tribromophenol	11.57	330	61499	86.39	ng	-0.05
44) 2-Fluorobiphenyl	9.78	172	271825	45.27	ng	-0.03
78) Terphenyl-d14	14.41	244	321984	37.92	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	10.29	163	15960	2.48	ng	99
70) Phenanthrene	12.45	178	20042	2.02	ng	98
74) Fluoranthene	13.92	202	89195	8.53	ng	92
77) Pyrene	14.19	202	79540	6.60	ng	98
80) Benzo(a)anthracene	15.71	228	42007	3.68	ng	94
82) Chrysene	15.71	228	58208	5.43	ng	97
83) Bis(2-ethylhexyl)phthalate	15.76	149	55499	7.71	ng	# 93
87) Benzo(b)fluoranthene	16.95	252	129084	11.02	ng	# 96
88) Benzo(k)fluoranthene	16.95	252	130185	12.51	ng	97
89) Benzo(a)pyrene	17.31	252	60703	5.94	ng	# 96

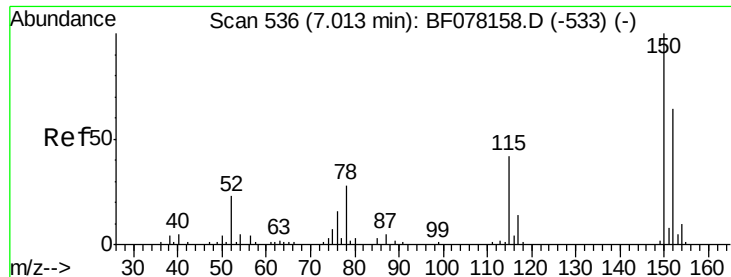
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078440.D
Acq On : 11 Apr 2015 13:13
Operator : TP/IZ
Sample : G1793-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-7S

Quant Time: Apr 13 02:23:08 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: BF078440.D

Acq: 11 Apr 2015 13:13

Instrument :

BNA_F

ClientSampleId :

SB-7S

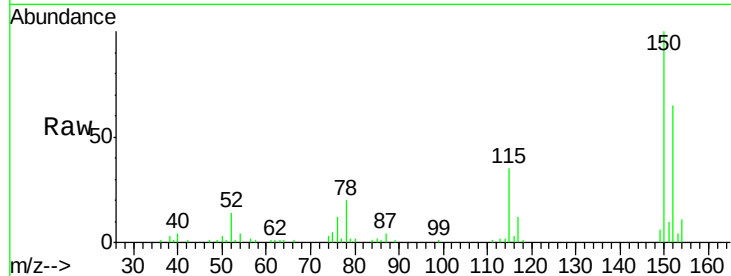
Tgt Ion:152 Resp: 38807

Ion Ratio Lower Upper

152 100

150 154.3 125.9 188.9

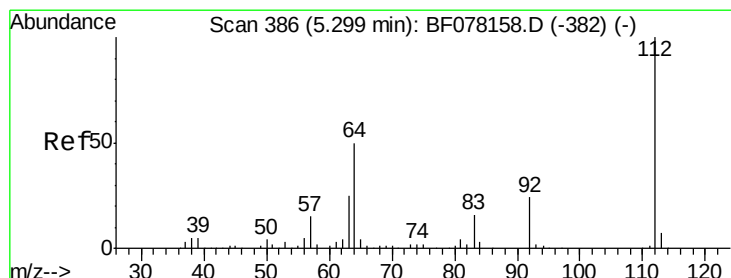
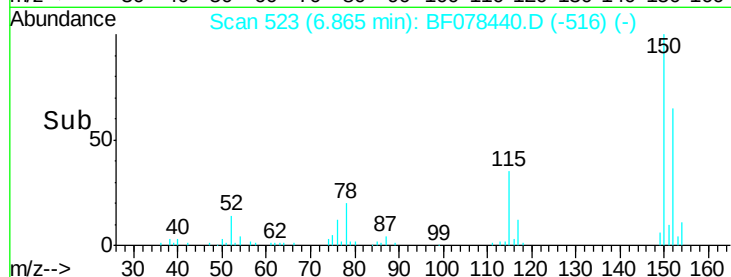
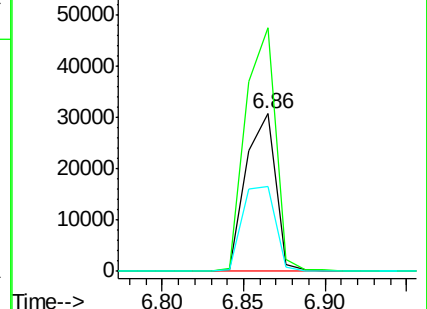
115 53.9 52.7 79.1



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: 71.35 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.06 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

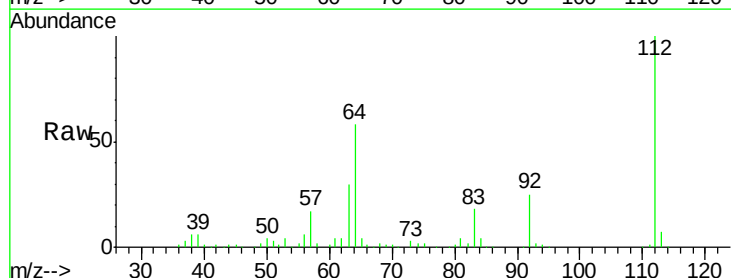
Tgt Ion:112 Resp: 167938

Ion Ratio Lower Upper

112 100

64 58.1 39.9 59.9

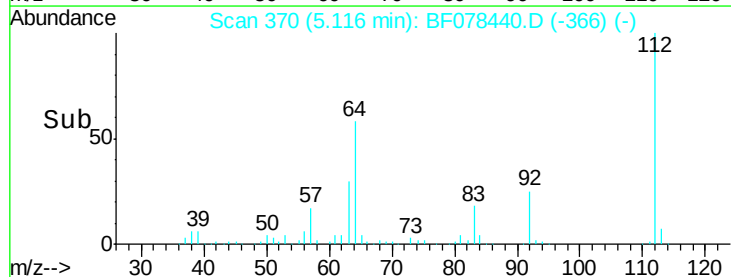
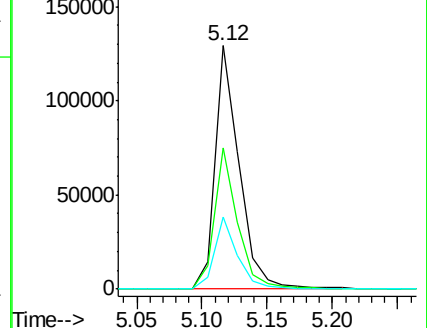
63 29.7 20.2 30.4

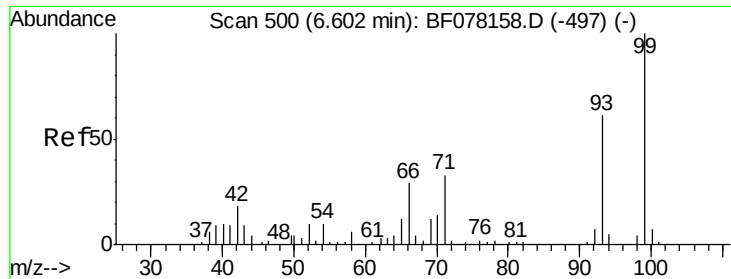


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.42 ng

RT: 6.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Instrument :

BNA_F

ClientSampleId :

SB-7S

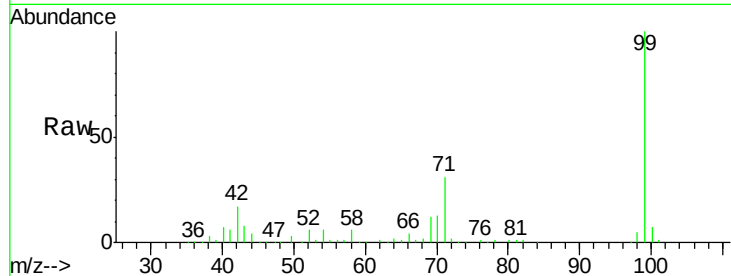
Tgt Ion: 99 Resp: 225415

Ion Ratio Lower Upper

99 100

42 16.6 14.8 22.2

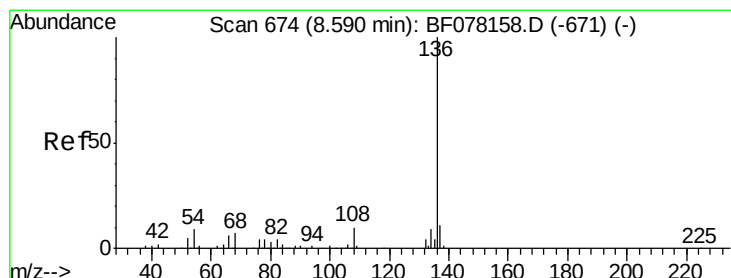
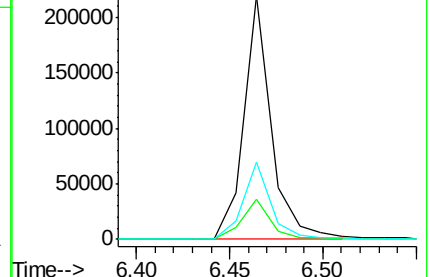
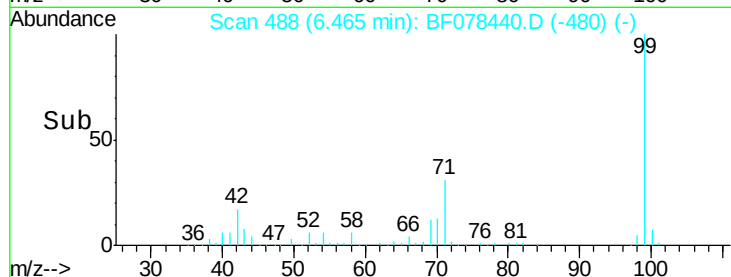
71 31.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Tgt Ion: 136 Resp: 166056

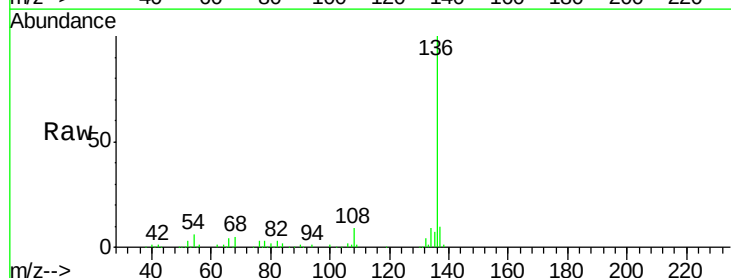
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.6 7.0 10.6#

68 4.6 5.4 8.2#

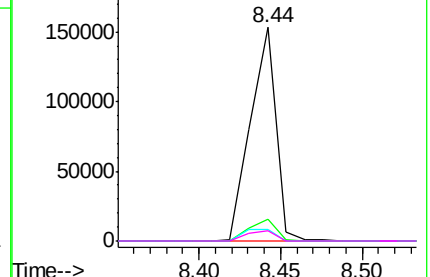
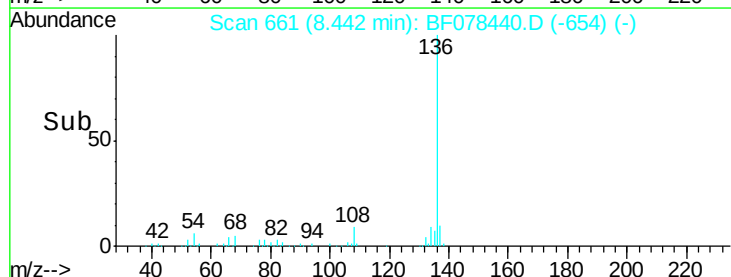


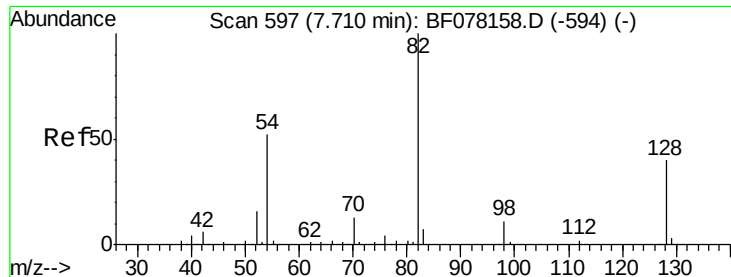
Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)

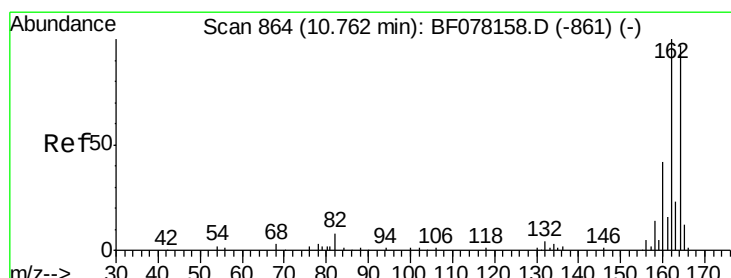
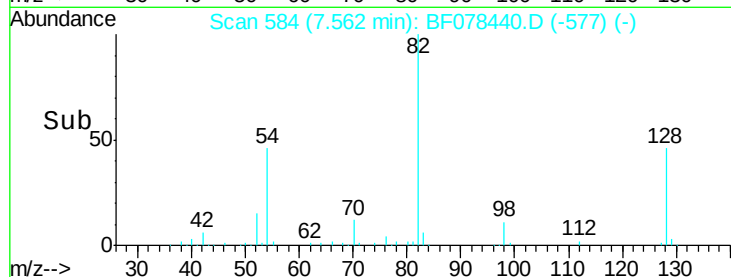
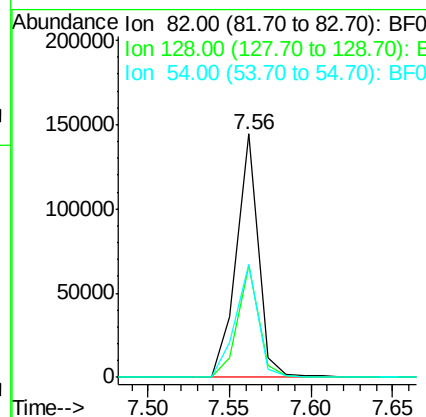
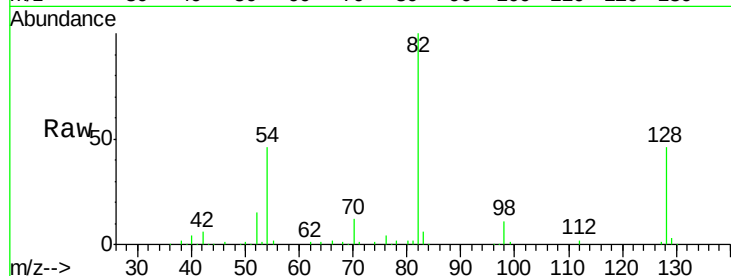




#23
 Nitrobenzene-d5
 Concen: 49.06 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

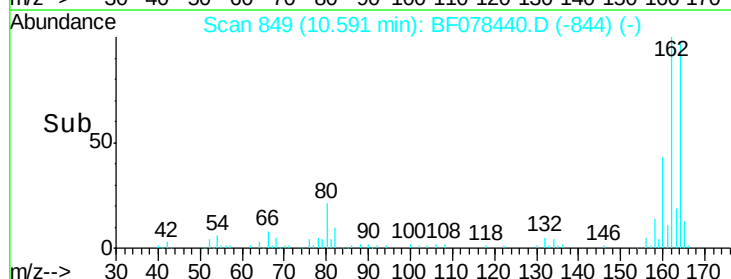
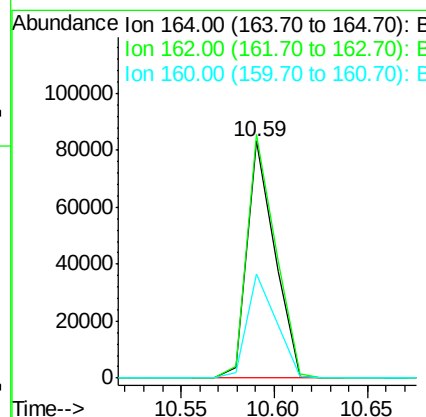
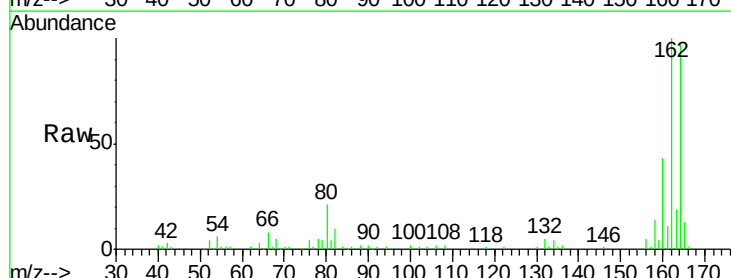
Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

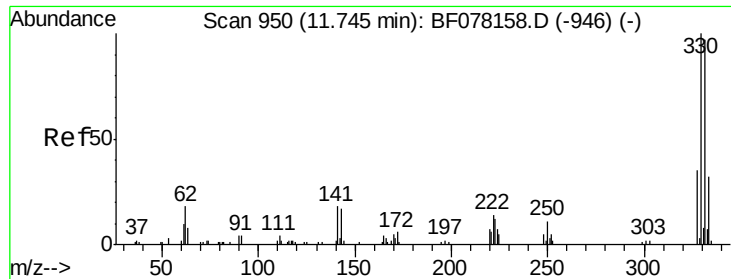
Tgt Ion: 82 Resp: 134418
 Ion Ratio Lower Upper
 82 100
 128 46.0 31.8 47.8
 54 46.4 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion: 164 Resp: 85832
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.2 123.2
 160 43.9 34.7 52.1

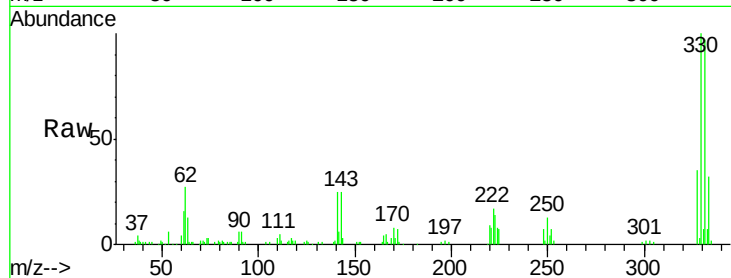




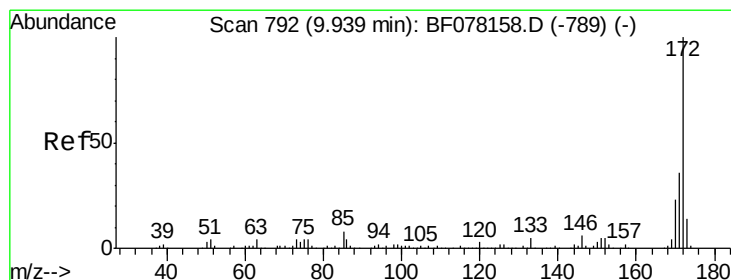
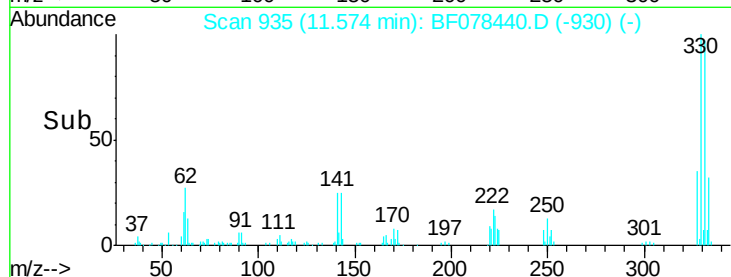
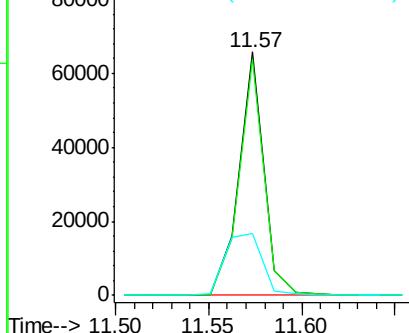
#41
 2,4,6-Tribromophenol
 Concen: 86.39 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.05 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

Tgt Ion:330 Resp: 61499
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 38.2 31.2 46.8

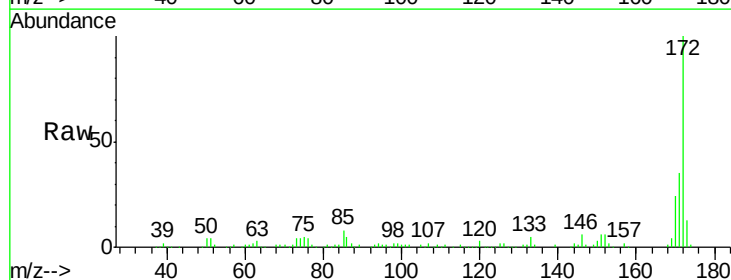


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

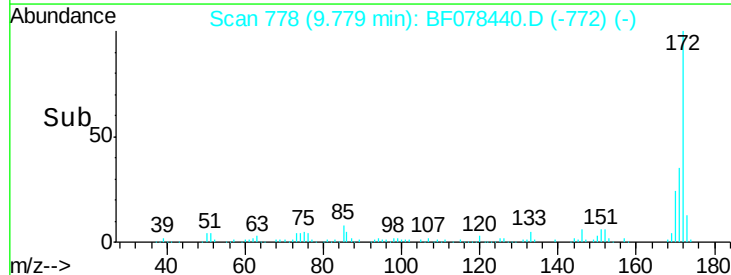
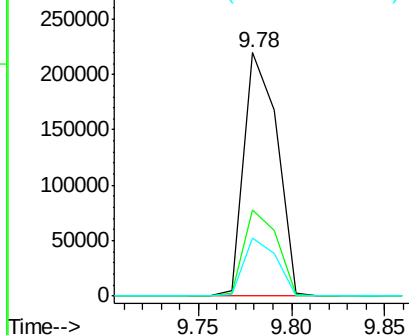


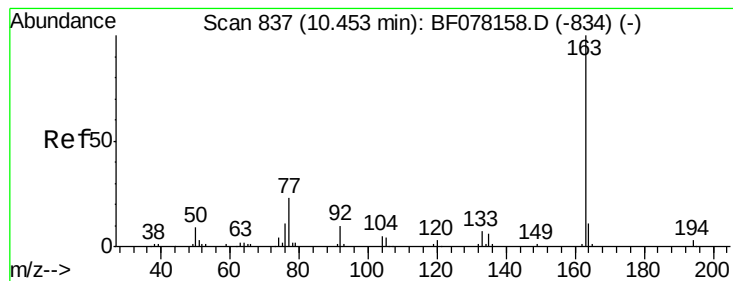
#44
 2-Fluorobiphenyl
 Concen: 45.27 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion:172 Resp: 271825
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.9 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: 2.48 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

Instrument :

BNA_F

ClientSampleId :

SB-7S

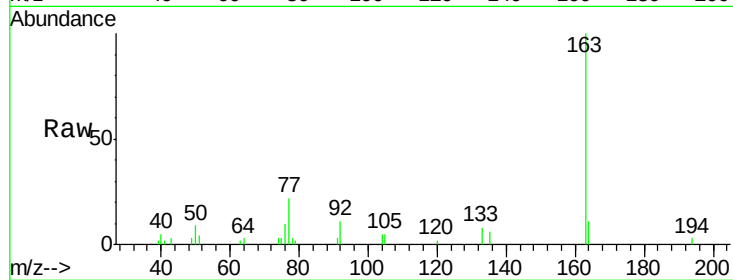
Tgt Ion:163 Resp: 15960

Ion Ratio Lower Upper

163 100

194 2.7 2.3 3.5

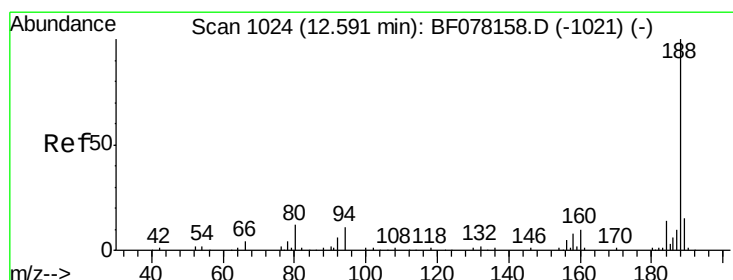
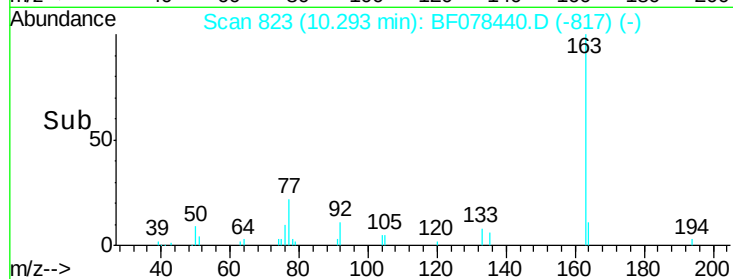
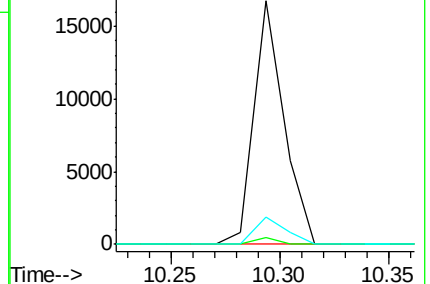
164 11.4 8.6 13.0



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: 12.42 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

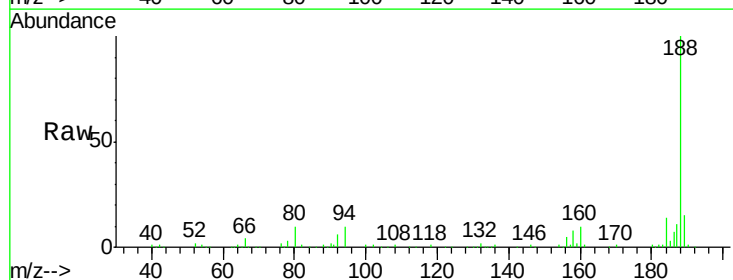
Tgt Ion:188 Resp: 171474

Ion Ratio Lower Upper

188 100

94 10.1 9.0 13.4

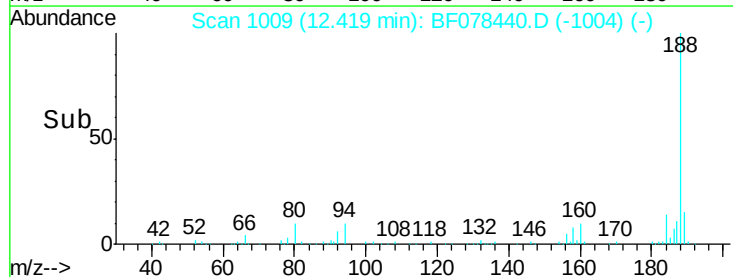
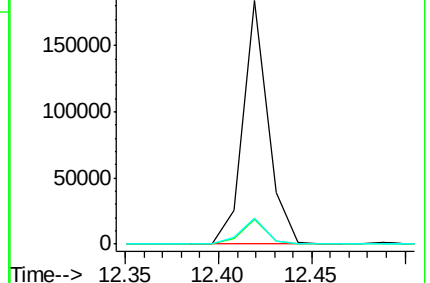
80 10.5 9.5 14.3

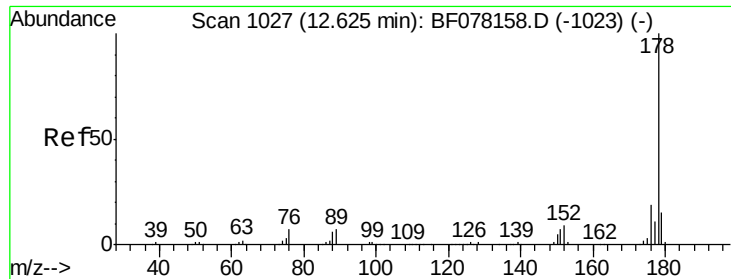


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

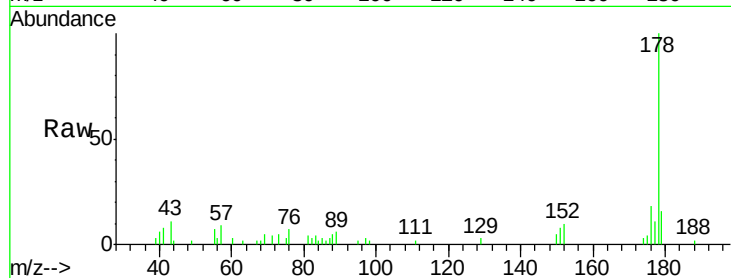




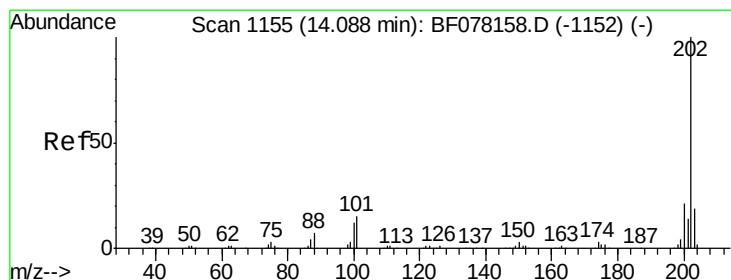
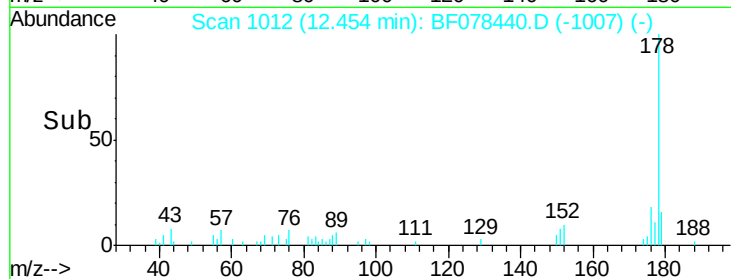
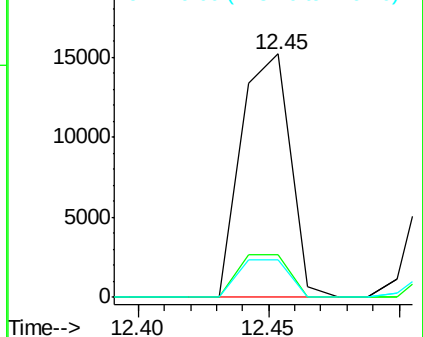
#70
 Phenanthrene
 Concen: 2.02 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. -0.05 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

Tgt Ion:178 Resp: 20042
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.4 23.0
 179 15.5 12.2 18.2

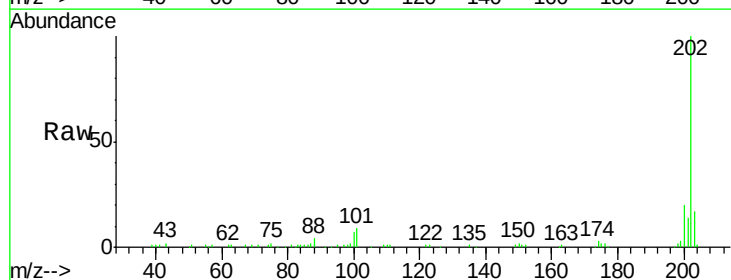


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

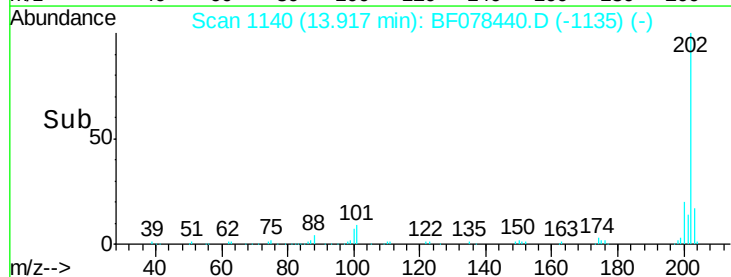
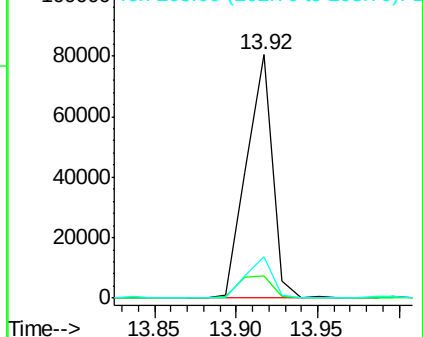


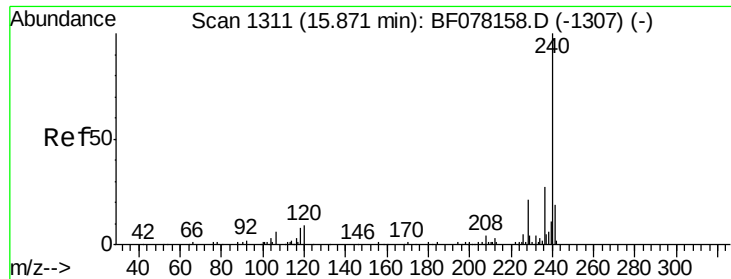
#74
 Fluoranthene
 Concen: 8.53 ng
 RT: 13.92 min Scan# 1140
 Delta R.T. -0.05 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion:202 Resp: 89195
 Ion Ratio Lower Upper
 202 100
 101 9.4 0.0 35.2
 203 17.0 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: BF078440.D

Acq: 11 Apr 2015 13:13

Instrument :

BNA_F

ClientSampleId :

SB-7S

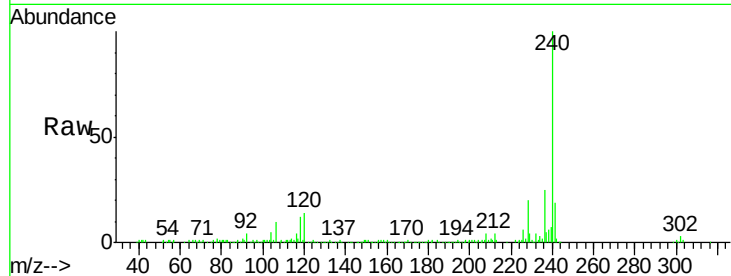
Tgt Ion:240 Resp: 191846

Ion Ratio Lower Upper

240 100

120 14.1 7.1 10.7#

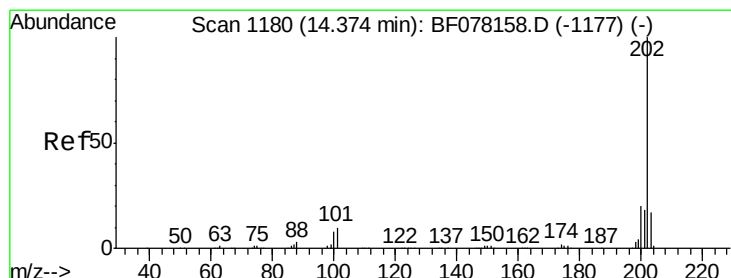
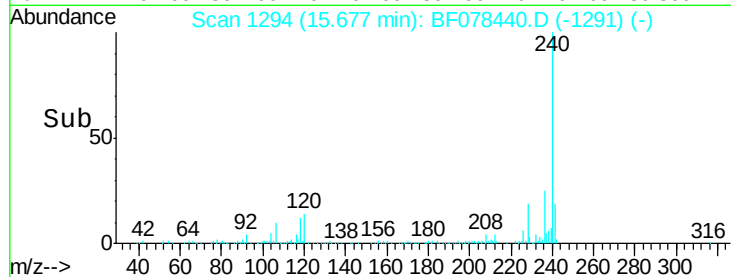
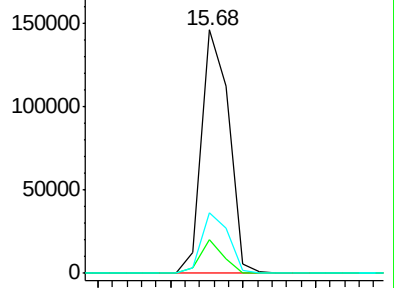
236 25.1 21.4 32.2



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: 6.60 ng

RT: 14.19 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF078440.D

Acq: 11 Apr 2015 13:13

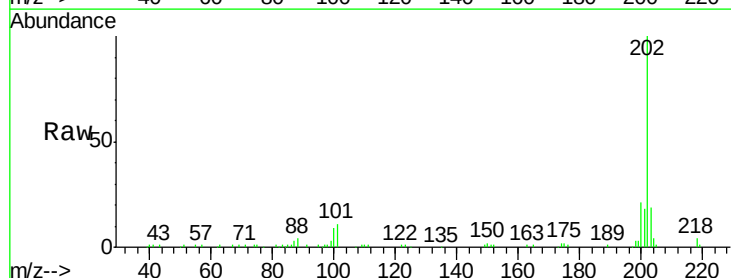
Tgt Ion:202 Resp: 79540

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

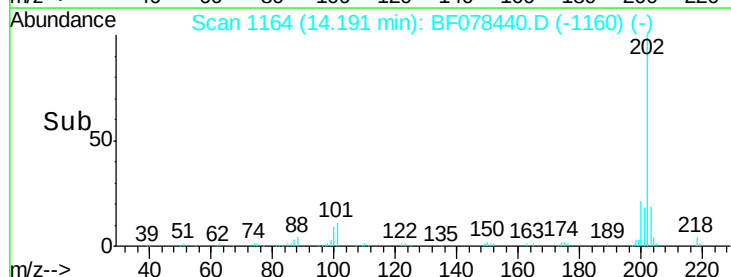
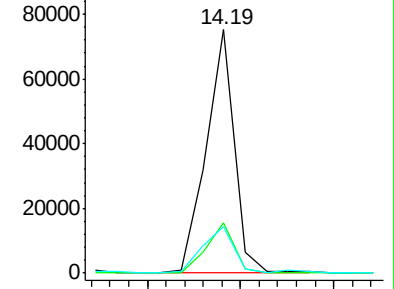
203 19.1 13.8 20.6

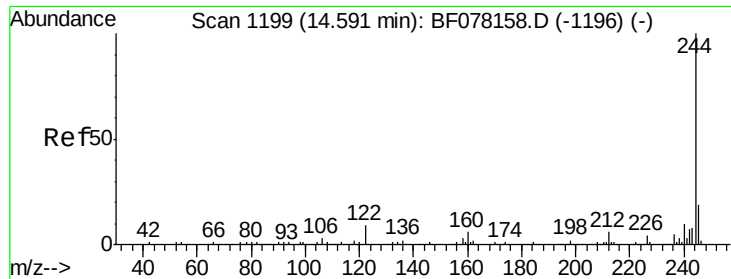


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

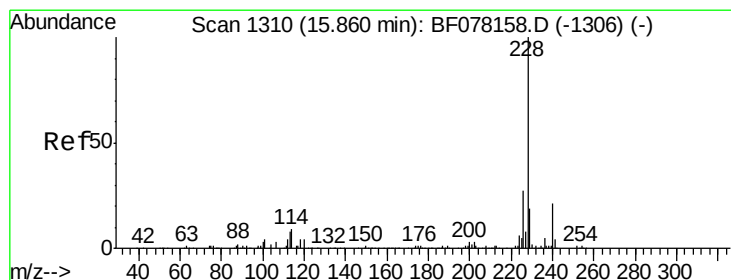
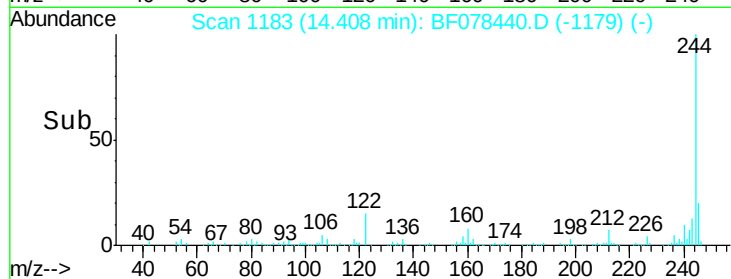
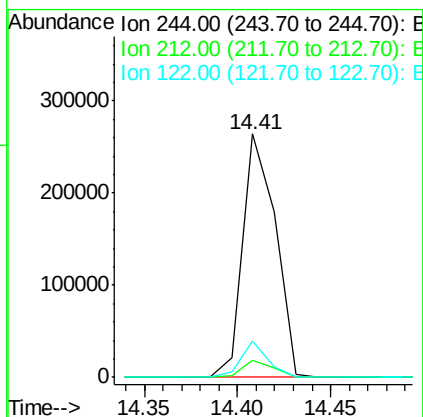
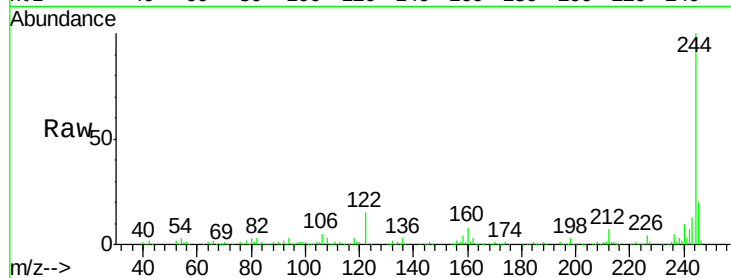




#78
 Terphenyl-d14
 Concen: 37.92 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.06 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

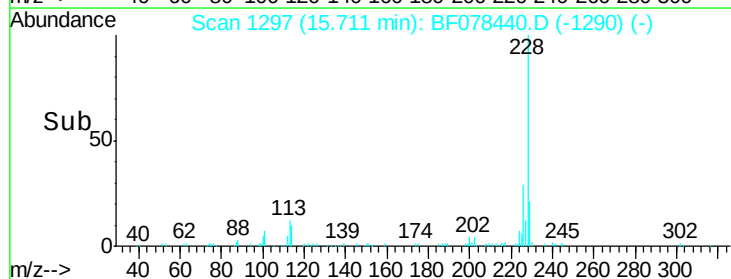
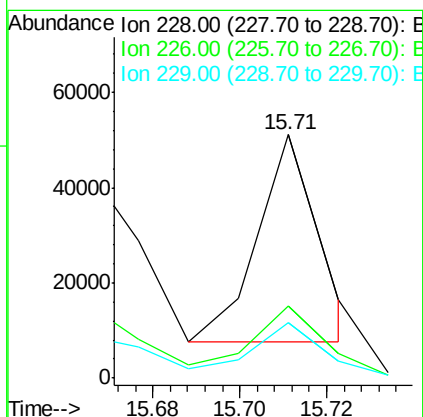
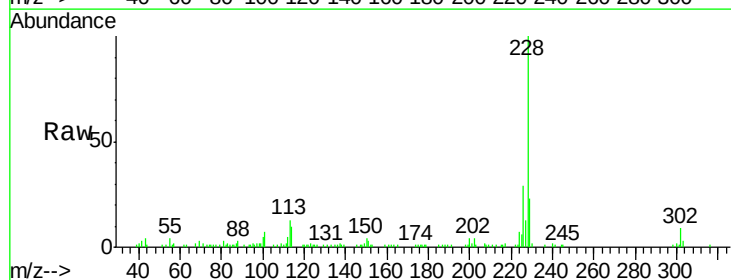
Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

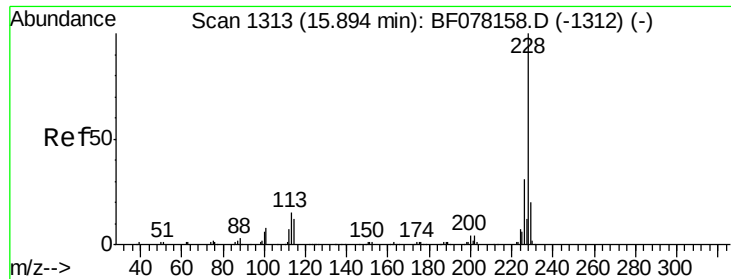
Tgt Ion: 244 Resp: 321984
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 14.9 7.1 10.7#



#80
 Benzo(a)anthracene
 Concen: 3.68 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion: 228 Resp: 42007
 Ion Ratio Lower Upper
 228 100
 226 29.4 21.3 31.9
 229 22.5 15.4 23.2

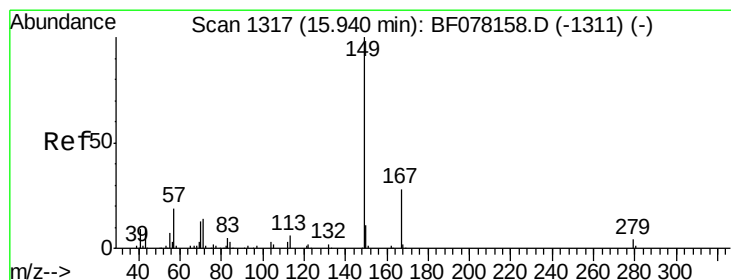
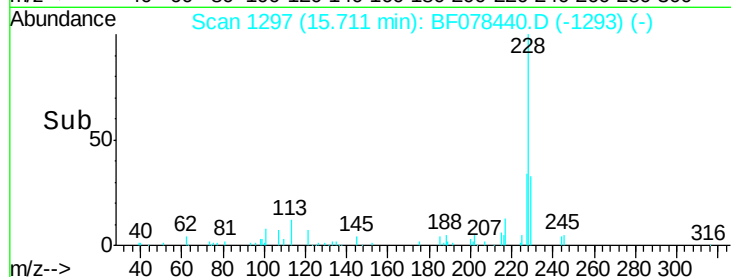
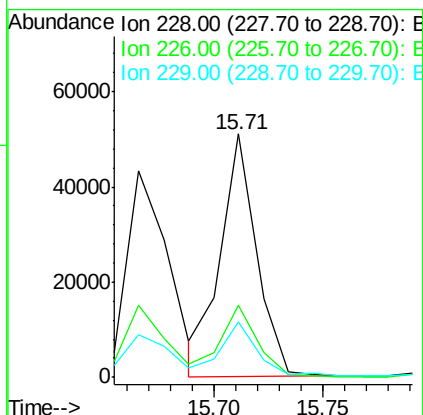
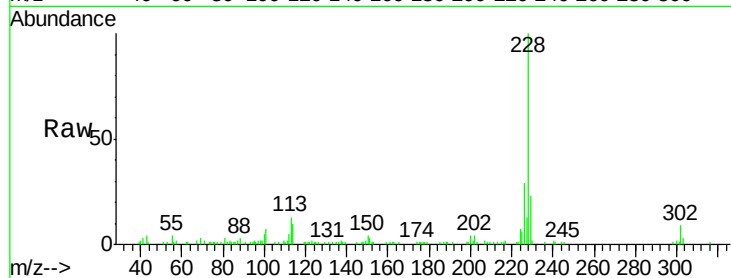




#82
Chrysene
 Concen: 5.43 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

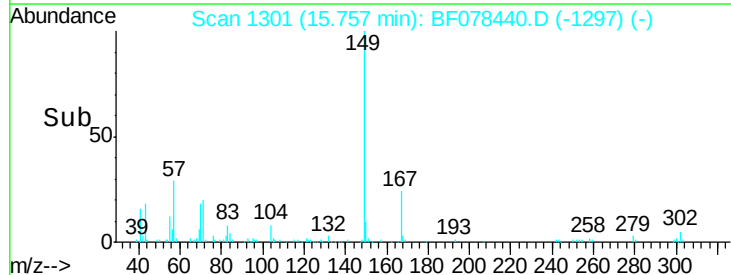
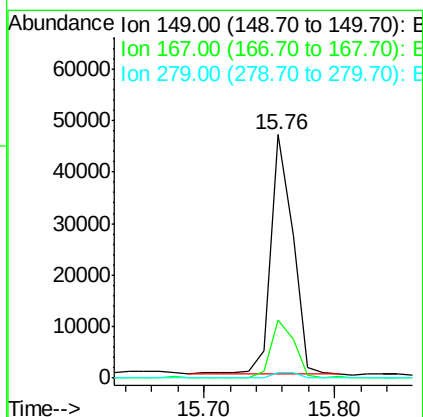
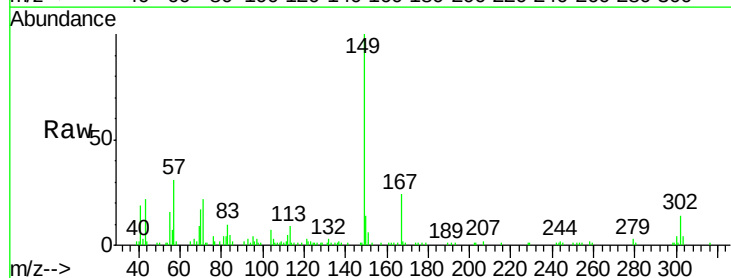
Instrument :
 BNA_F
 ClientSampleId :
 SB-7S

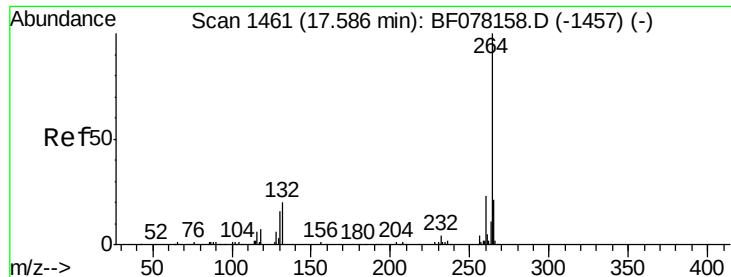
Tgt Ion: 228 Resp: 58208
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.2 36.4
 229 22.5 15.8 23.8



#83
Bis(2-ethylhexyl)phthalate
 Concen: 7.71 ng
 RT: 15.76 min Scan# 1301
 Delta R.T. -0.06 min
 Lab File: BF078440.D
 Acq: 11 Apr 2015 13:13

Tgt Ion: 149 Resp: 55499
 Ion Ratio Lower Upper
 149 100
 167 23.7 22.2 33.2
 279 2.5 3.2 4.8#

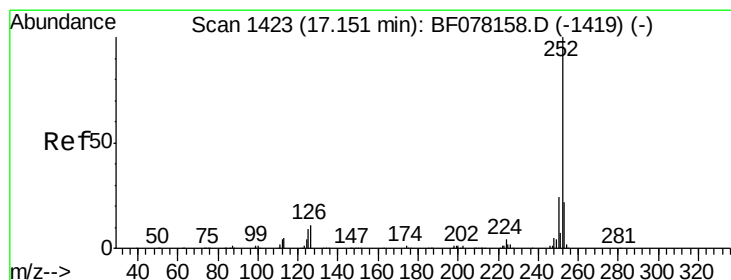
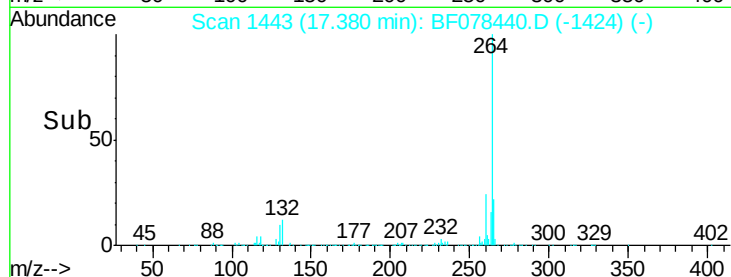
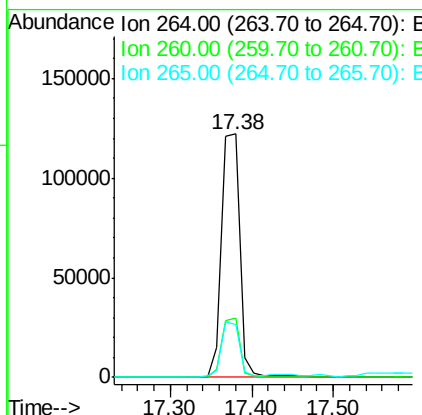
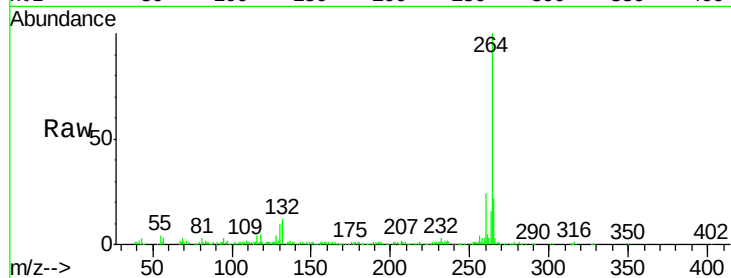




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.08 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

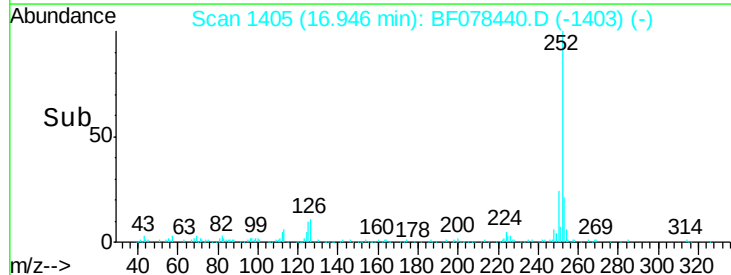
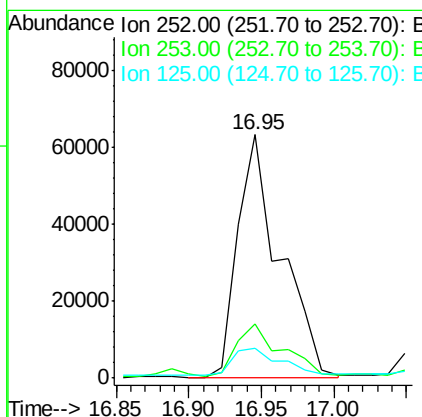
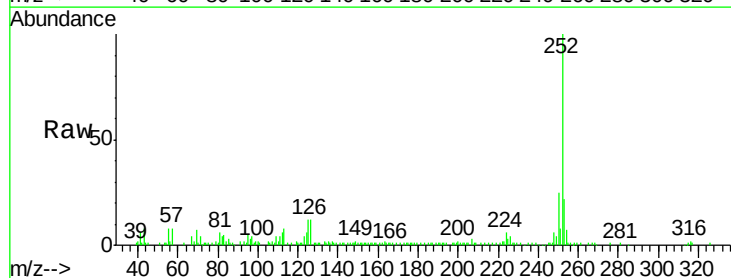
Instrument :
BNA_F
ClientSampleId :
SB-7S

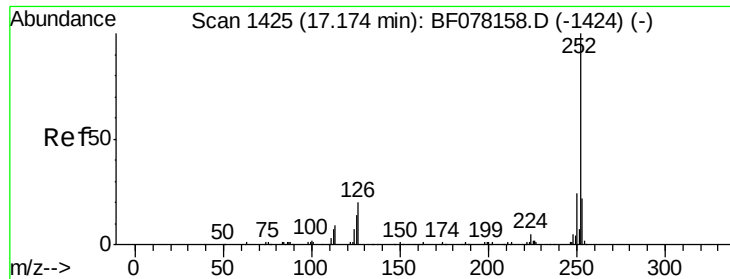
Tgt Ion:264 Resp: 189533
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 21.6 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 11.02 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.08 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Tgt Ion:252 Resp: 129084
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.4 7.0 10.4#

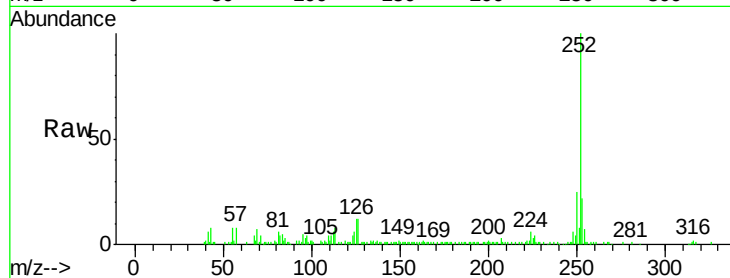




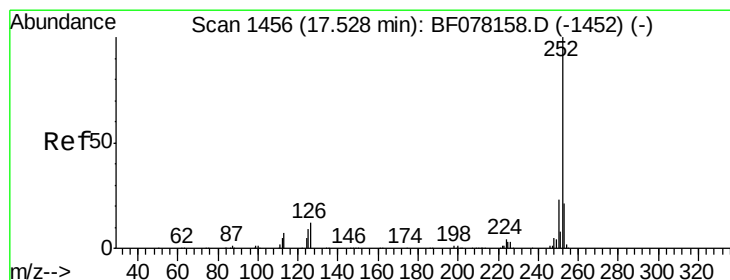
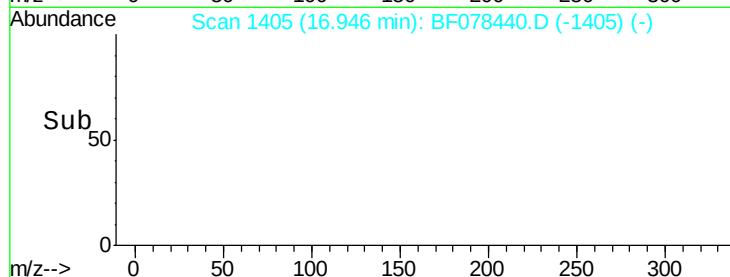
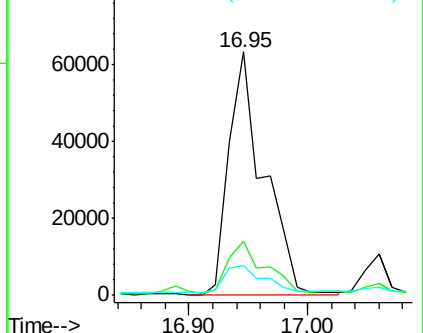
#88
Benzo(k)fluoranthene
Concen: 12.51 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.10 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Instrument :
BNA_F
ClientSampleId :
SB-7S

Tgt Ion: 252 Resp: 130185
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.4 11.6 17.4

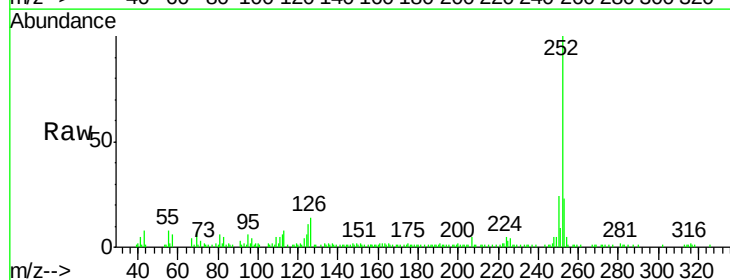


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 5.94 ng
RT: 17.31 min Scan# 1437
Delta R.T. -0.09 min
Lab File: BF078440.D
Acq: 11 Apr 2015 13:13

Tgt Ion: 252 Resp: 60703
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 11.3 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

