

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078441.D
 Acq On : 11 Apr 2015 13:42
 Operator : TP/IZ
 Sample : G1793-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Quant Time: Apr 13 02:23:18 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

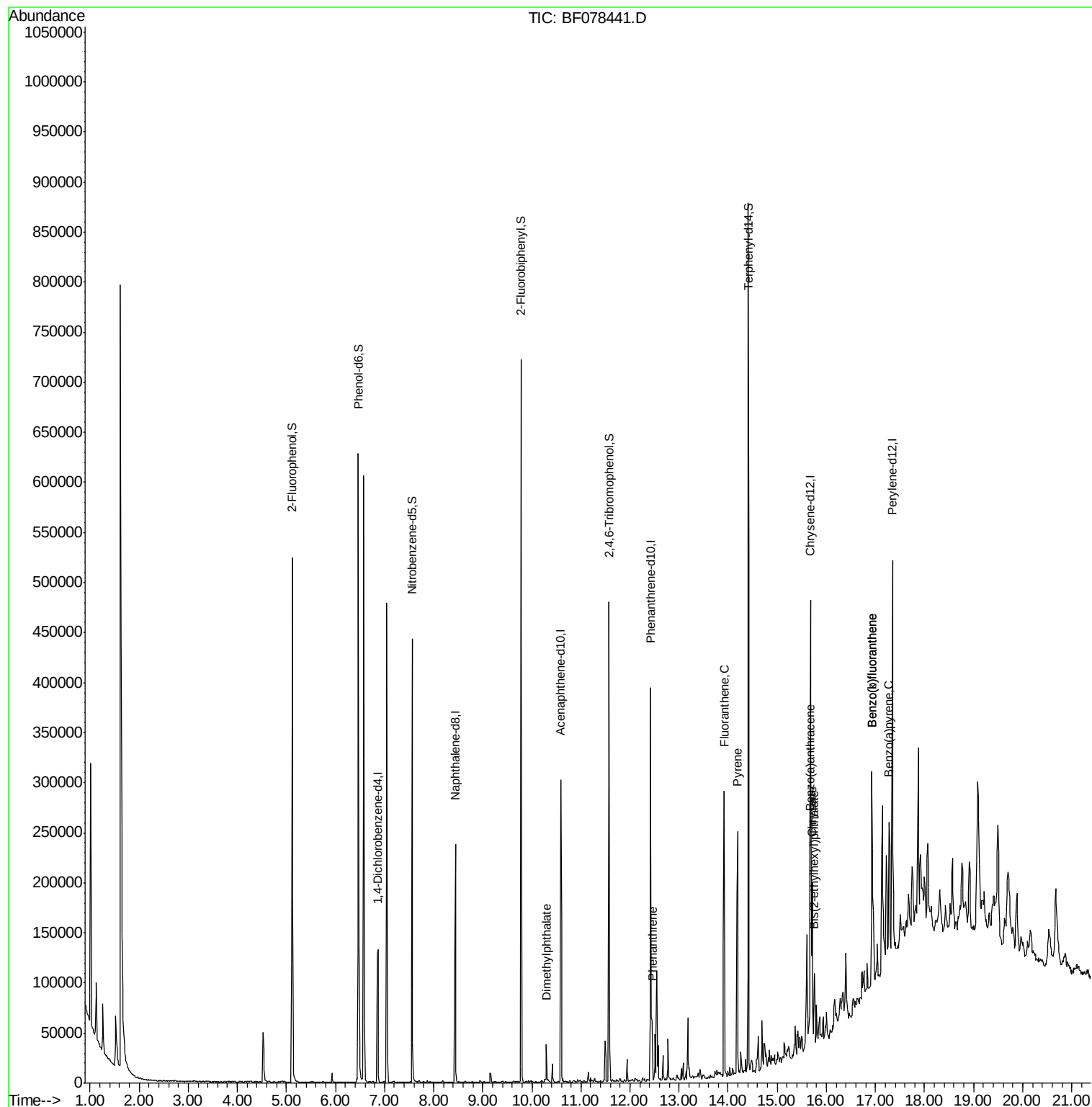
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	31928	20.00	ng	-0.02
21) Naphthalene-d8	8.44	136	135571	20.00	ng	-0.02
38) Acenaphthene-d10	10.59	164	71634	20.00	ng	-0.05
63) Phenanthrene-d10	12.42	188	149510	20.00	ng	-0.05
75) Chrysene-d12	15.68	240	165622	20.00	ng	-0.07
86) Perylene-d12	17.35	264	163187	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	185073	95.57	ng	-0.06
7) Phenol-d6	6.46	99	243743	100.44	ng	-0.01
23) Nitrobenzene-d5	7.56	82	140809	62.96	ng	-0.02
41) 2,4,6-Tribromophenol	11.57	330	66699	112.27	ng	-0.05
44) 2-Fluorobiphenyl	9.78	172	290373	57.94	ng	-0.03
78) Terphenyl-d14	14.41	244	361761	49.36	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	10.29	163	15398	2.86	ng	99
70) Phenanthrene	12.45	178	34412	3.98	ng	99
74) Fluoranthene	13.92	202	133937	14.69	ng	91
77) Pyrene	14.19	202	119462	11.49	ng	98
80) Benzo(a)anthracene	15.67	228	77995	7.91	ng	93
82) Chrysene	15.71	228	68300	7.38	ng	97
83) Bis(2-ethylhexyl)phthalate	15.76	149	20604	3.32	ng	93
87) Benzo(b)fluoranthene	16.92	252	135109	13.40	ng	# 92
88) Benzo(k)fluoranthene	16.92	252	135828	15.15	ng	97
89) Benzo(a)pyrene	17.28	252	67637	7.68	ng	# 91

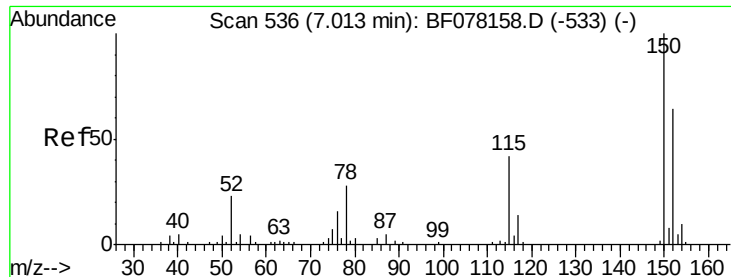
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

ClientSampled :

SB-8S

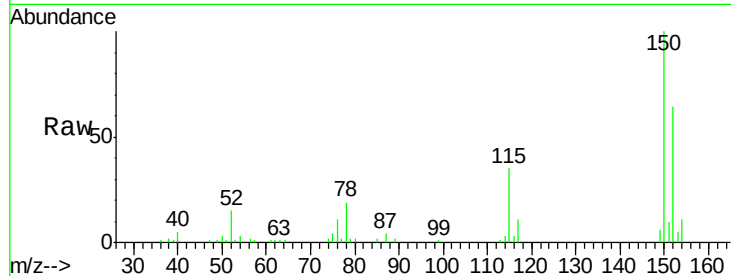
Tgt Ion:152 Resp: 31928

Ion Ratio Lower Upper

152 100

150 156.3 125.9 188.9

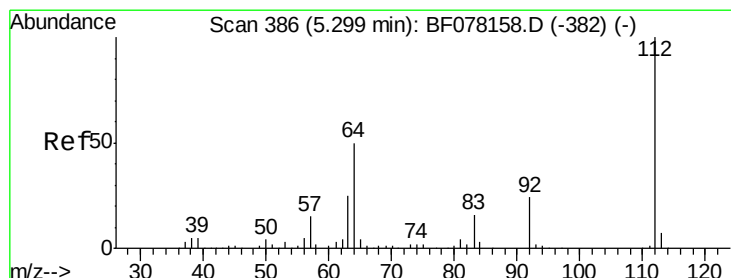
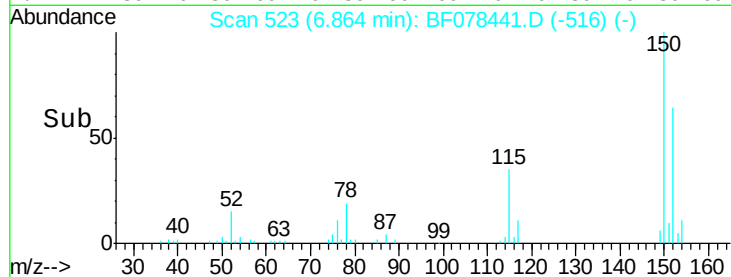
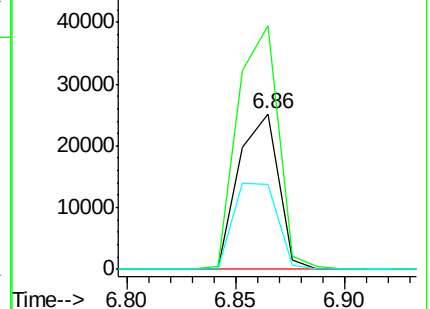
115 54.1 52.7 79.1



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: 95.57 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.06 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

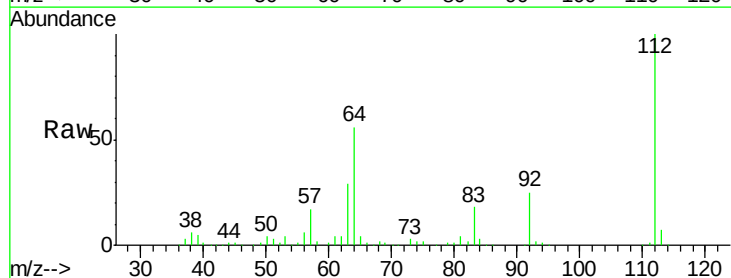
Tgt Ion:112 Resp: 185073

Ion Ratio Lower Upper

112 100

64 56.4 39.9 59.9

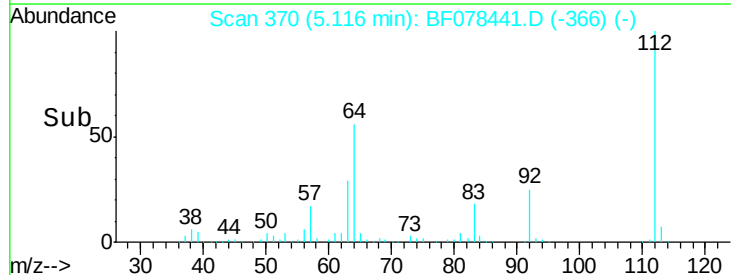
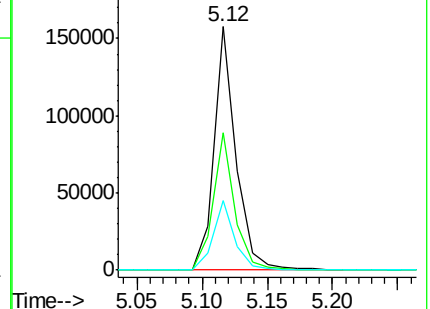
63 28.8 20.2 30.4

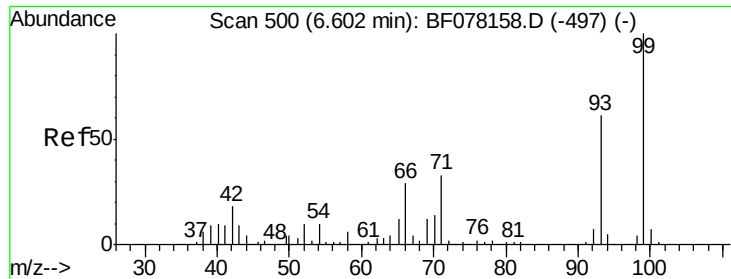


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.44 ng

RT: 6.46 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

ClientSampleId :

SB-8S

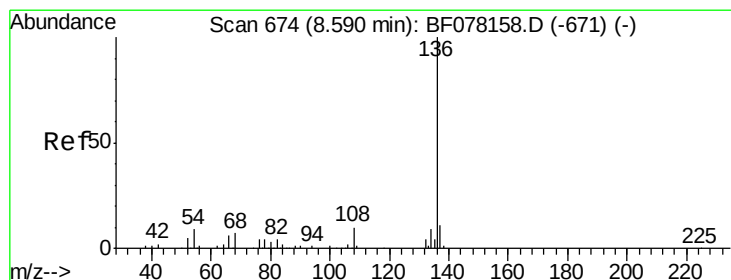
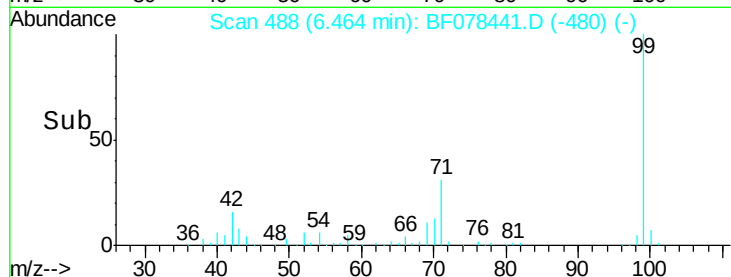
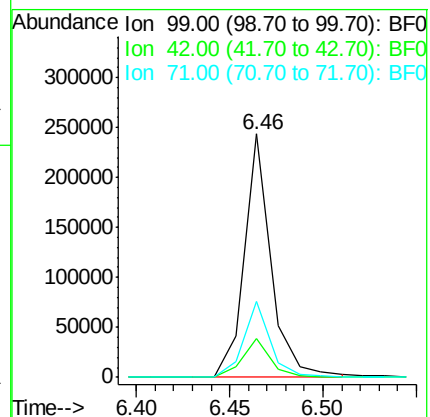
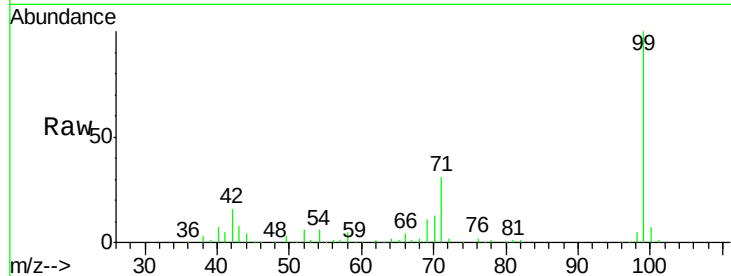
Tgt Ion: 99 Resp: 243743

Ion Ratio Lower Upper

99 100

42 15.8 14.8 22.2

71 31.3 26.6 39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Tgt Ion: 136 Resp: 135571

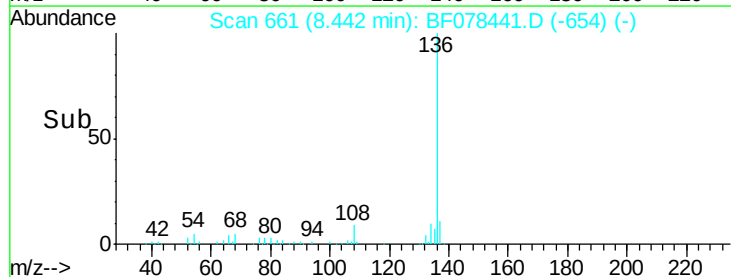
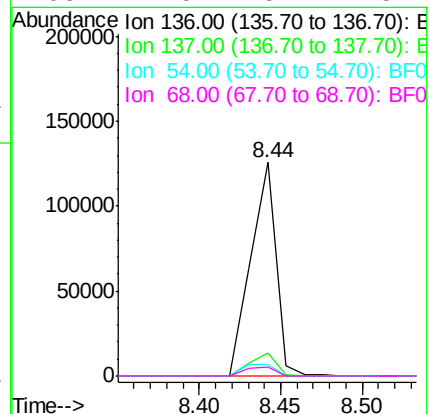
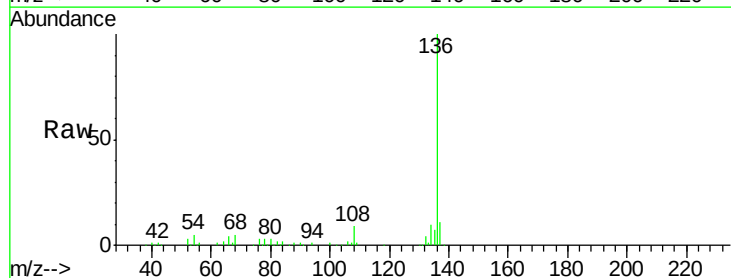
Ion Ratio Lower Upper

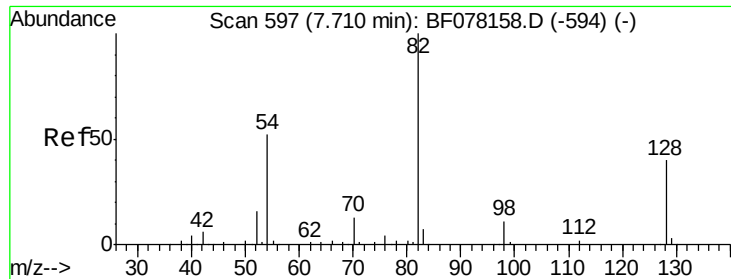
136 100

137 10.6 9.0 13.4

54 5.4 7.0 10.6#

68 4.5 5.4 8.2#

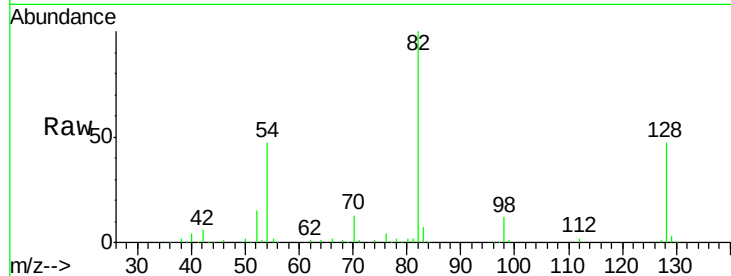




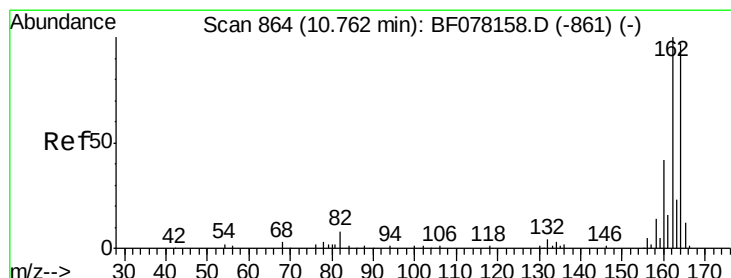
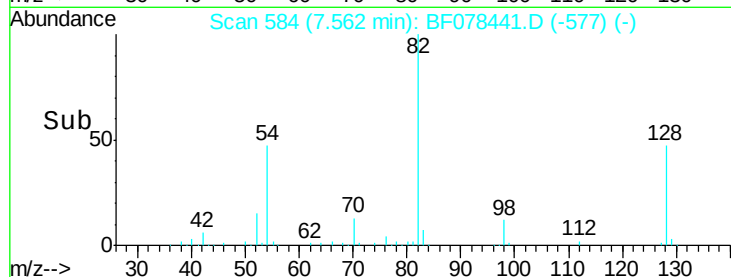
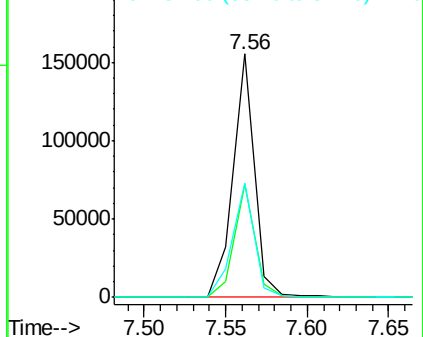
#23
 Nitrobenzene-d5
 Concen: 62.96 ng
 RT: 7.56 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	31.8	47.8
54	47.2	41.5	62.3

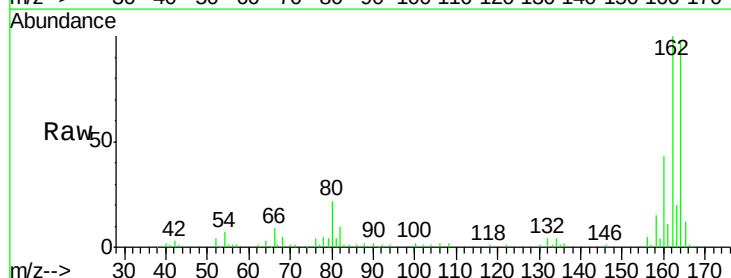


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

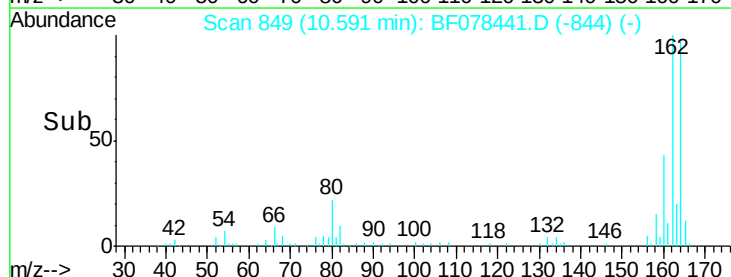
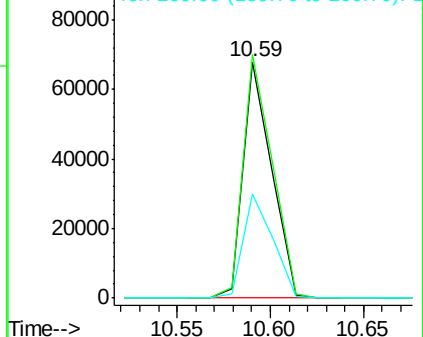


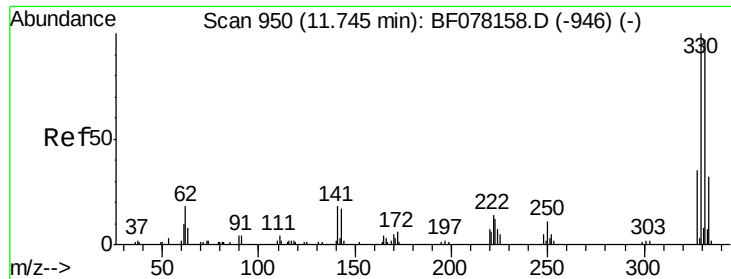
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.2
160	43.9	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

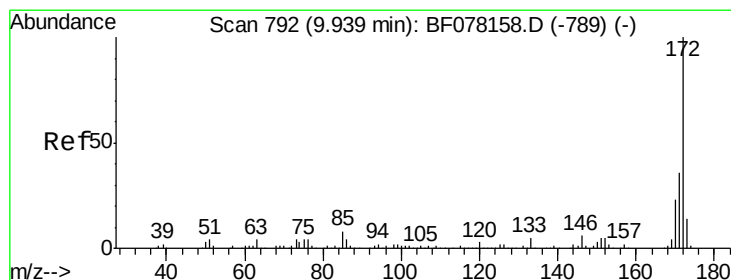
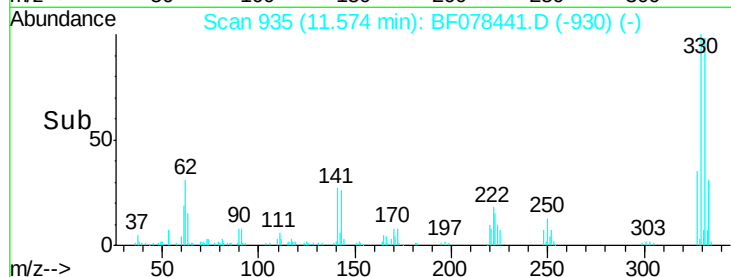
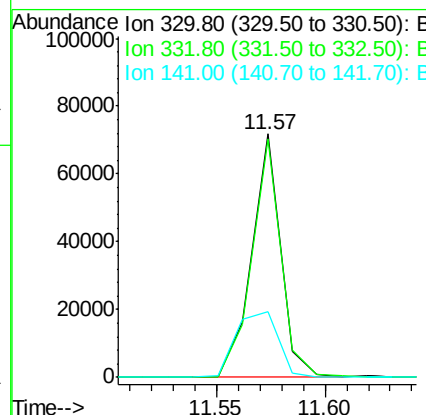
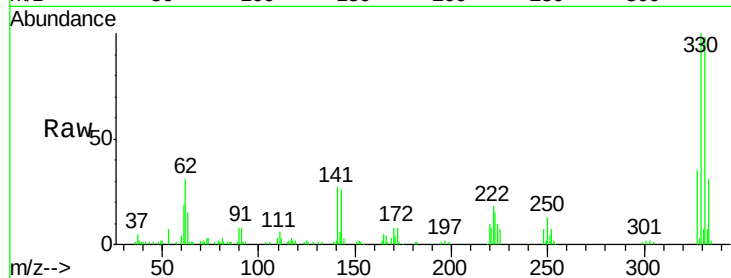




#41
 2,4,6-Tribromophenol
 Concen: 112.27 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.05 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

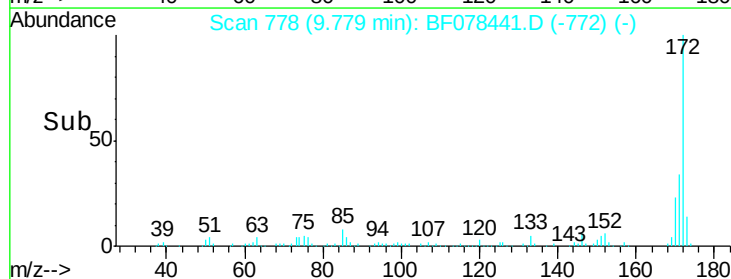
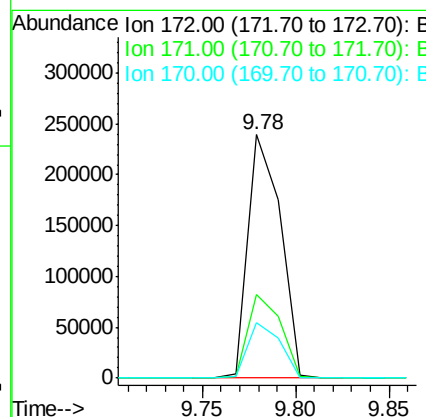
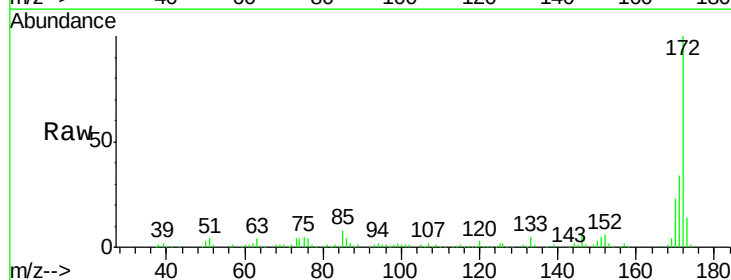
Instrument :
 BNA_F
 ClientSampleID :
 SB-8S

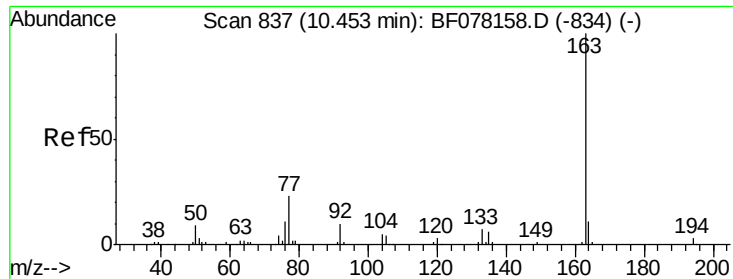
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.6	117.8
141	38.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 57.94 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	42.8
170	22.9	18.5	27.7

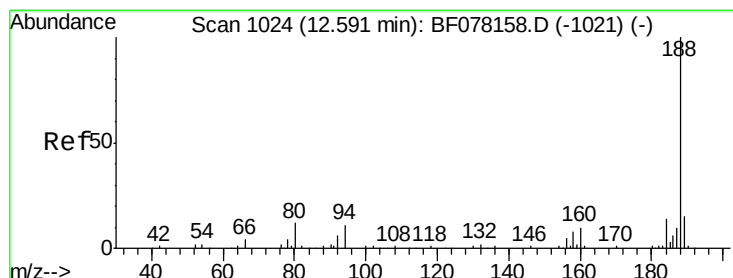
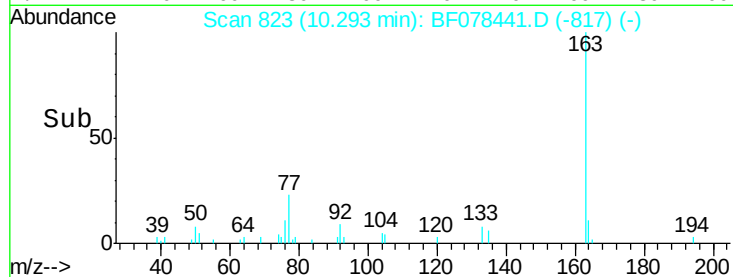
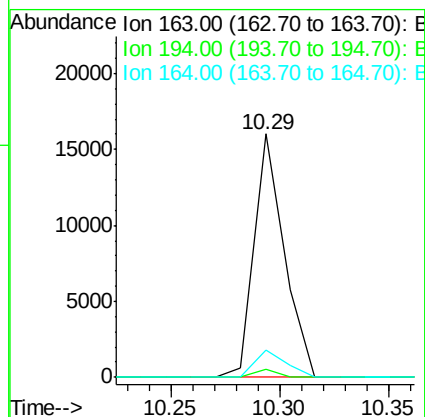
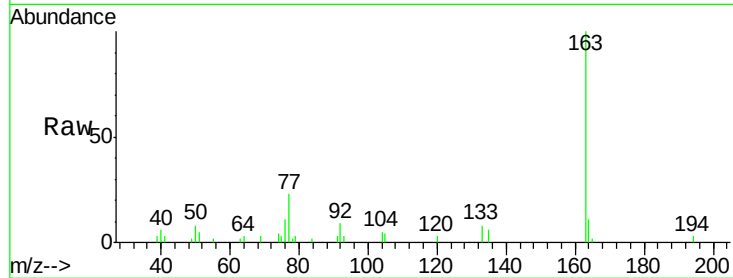




#49
Dimethylphthalate
Concen: 2.86 ng
RT: 10.29 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

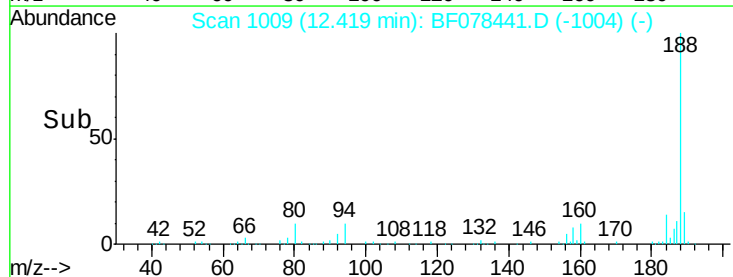
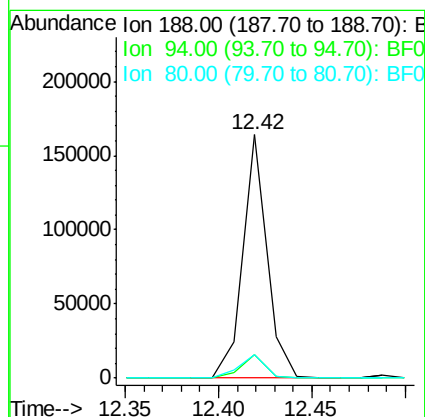
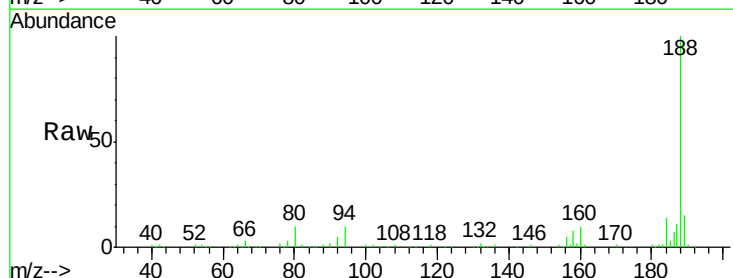
Instrument :
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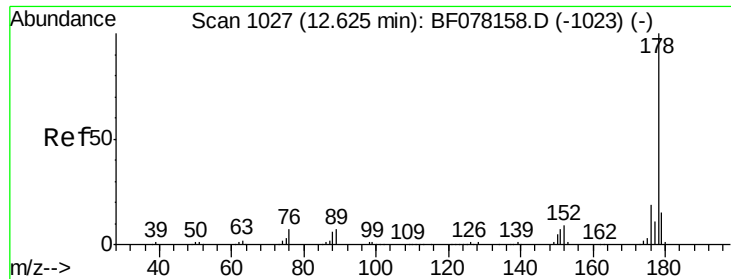
Tgt Ion:163 Resp: 15398
Ion Ratio Lower Upper
163 100
194 3.4 2.3 3.5
164 11.2 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Tgt Ion:188 Resp: 149510
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 9.7 9.5 14.3

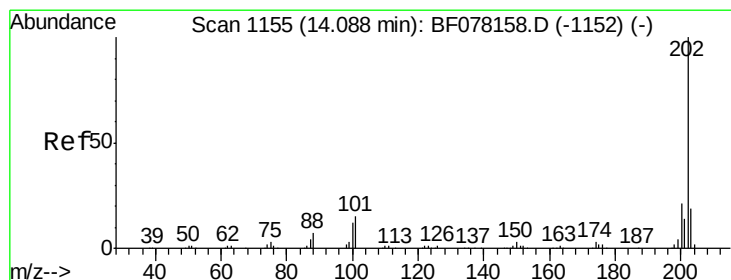
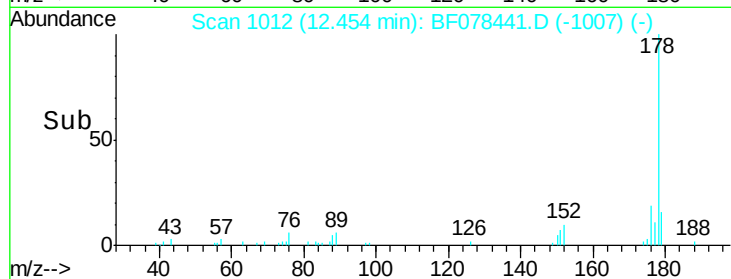
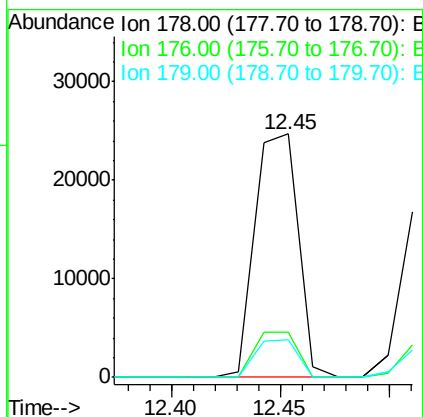
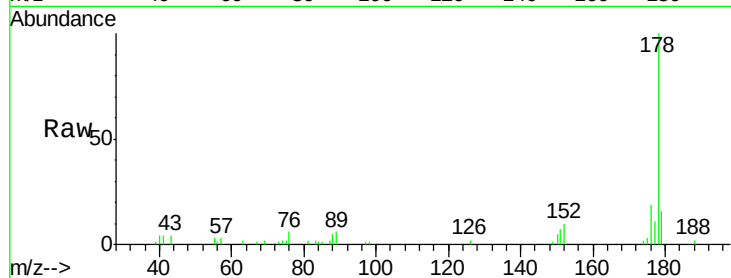




#70
 Phenanthrene
 Concen: 3.98 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. -0.05 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

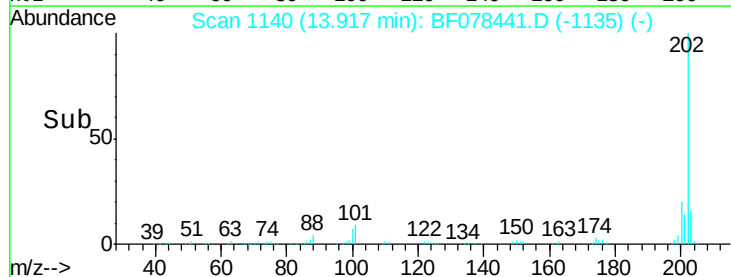
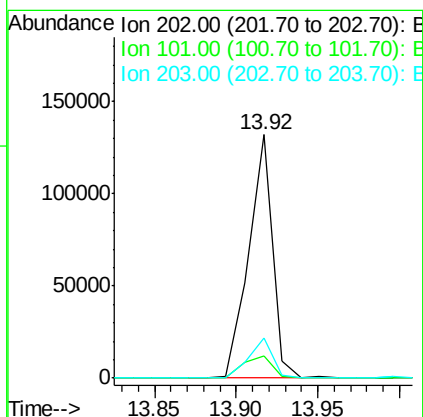
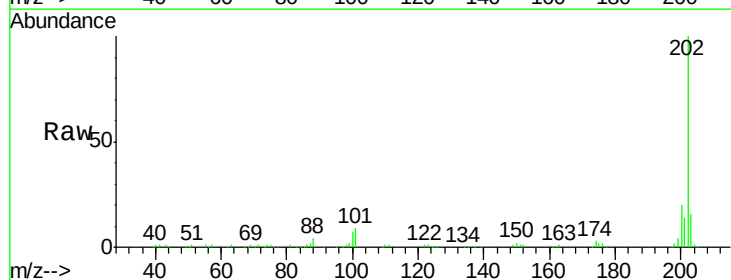
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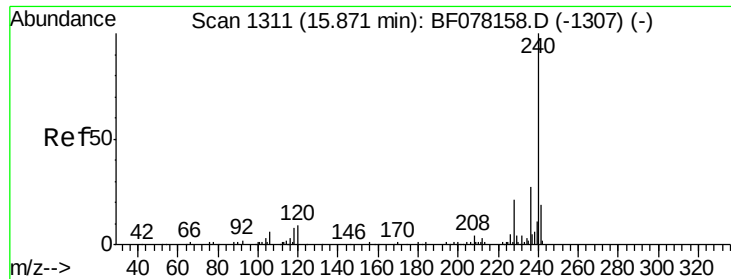
Tgt Ion:178 Resp: 34412
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.5 12.2 18.2



#74
 Fluoranthene
 Concen: 14.69 ng
 RT: 13.92 min Scan# 1140
 Delta R.T. -0.05 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion:202 Resp: 133937
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 35.2
 203 16.4 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1294

Delta R.T. -0.07 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

ClientSampleId :

SB-8S

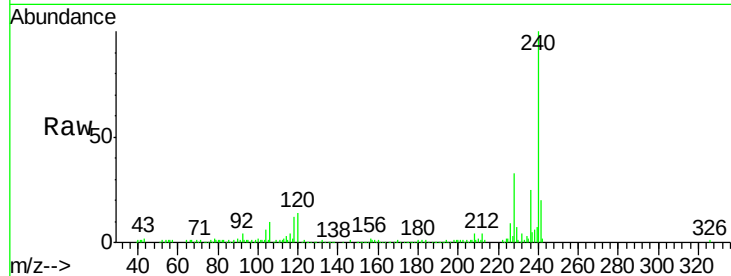
Tgt Ion:240 Resp: 165622

Ion Ratio Lower Upper

240 100

120 13.9 7.1 10.7#

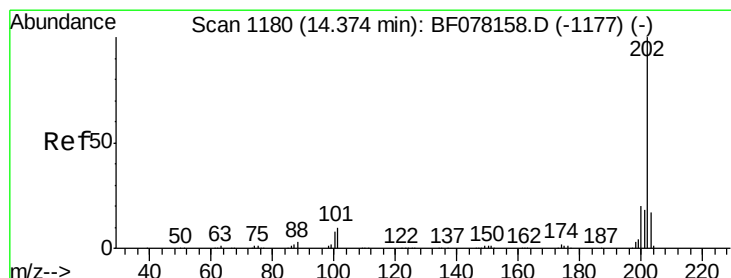
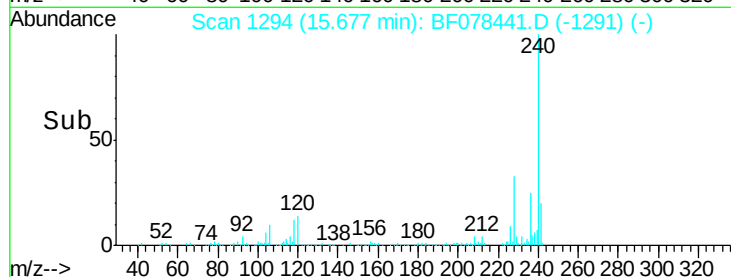
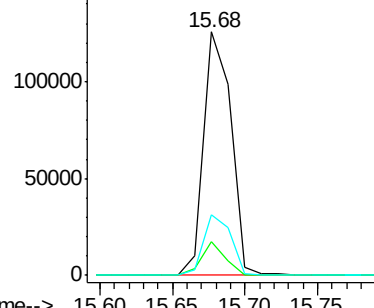
236 25.1 21.4 32.2



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: 11.49 ng

RT: 14.19 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

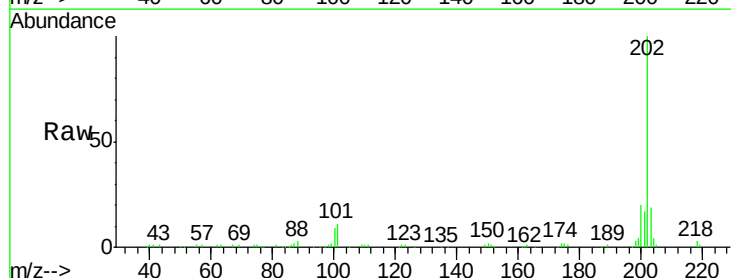
Tgt Ion:202 Resp: 119462

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

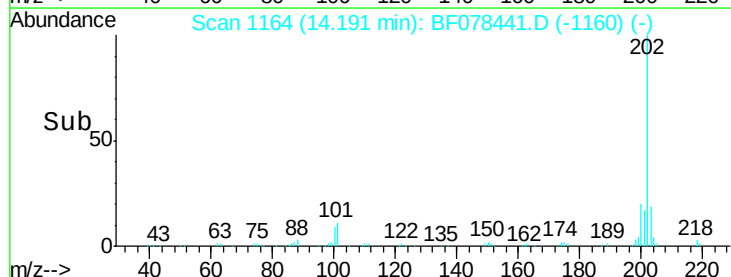
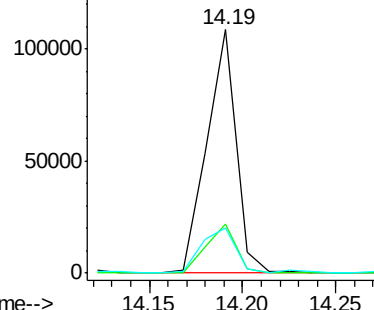
203 18.7 13.8 20.6

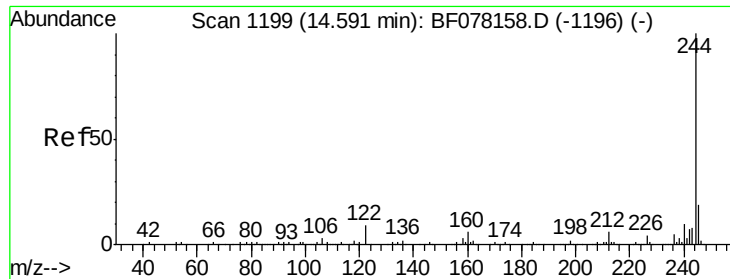


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

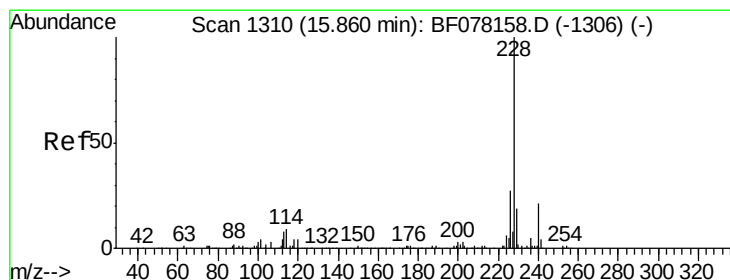
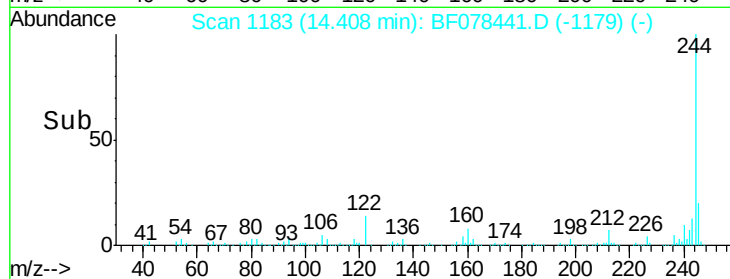
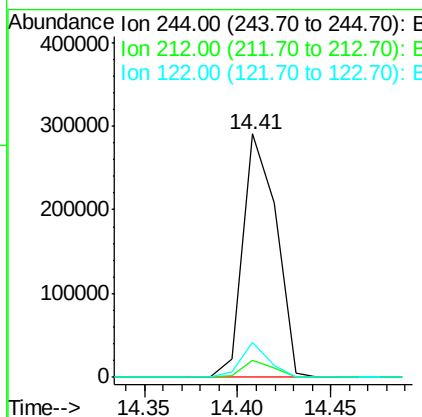
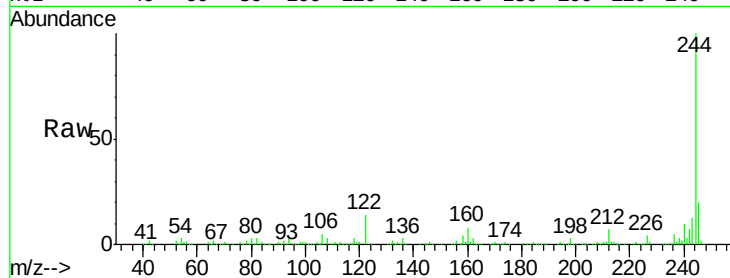




#78
 Terphenyl-d14
 Concen: 49.36 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. -0.06 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

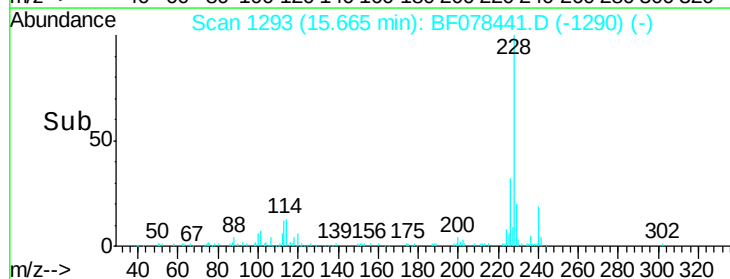
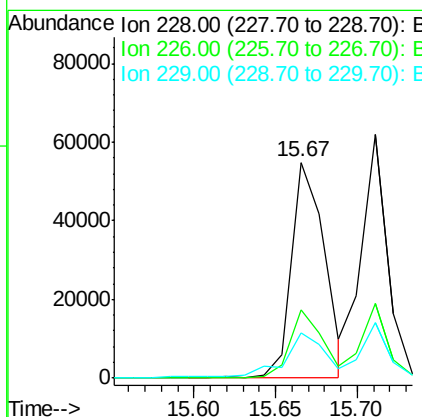
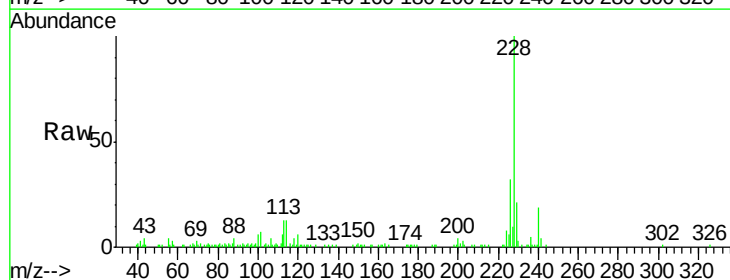
Instrument :
 BNA_F
 ClientSampleId :
 SB-8S

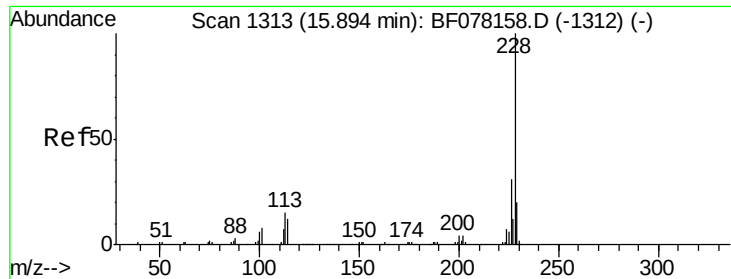
Tgt Ion:244 Resp: 361761
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 14.3 7.1 10.7#



#80
 Benzo(a)anthracene
 Concen: 7.91 ng
 RT: 15.67 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: BF078441.D
 Acq: 11 Apr 2015 13:42

Tgt Ion:228 Resp: 77995
 Ion Ratio Lower Upper
 228 100
 226 31.5 21.3 31.9
 229 21.2 15.4 23.2





#82

Chrysene

Concen: 7.38 ng

RT: 15.71 min Scan# 1297

Delta R.T. -0.06 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

Instrument :

BNA_F

ClientSampleId :

SB-8S

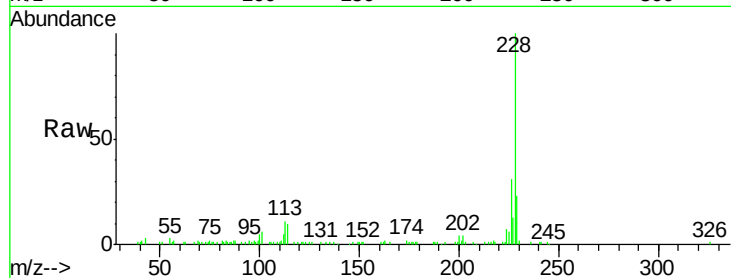
Tgt Ion:228 Resp: 68300

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

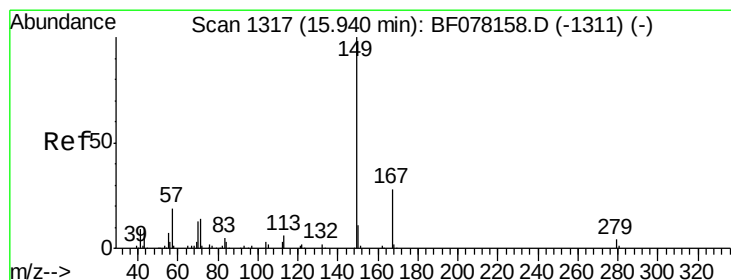
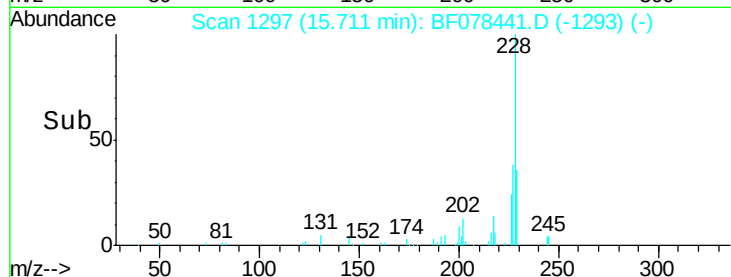
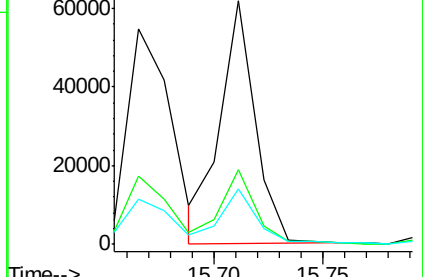
229 22.9 15.8 23.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.32 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF078441.D

Acq: 11 Apr 2015 13:42

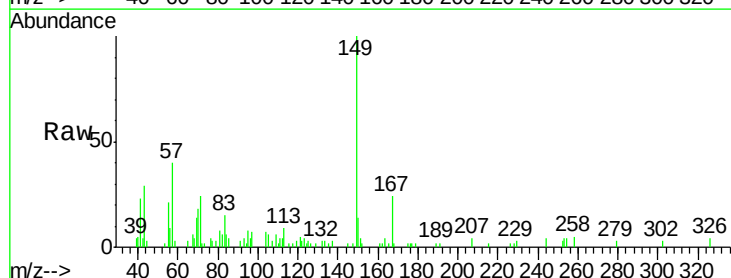
Tgt Ion:149 Resp: 20604

Ion Ratio Lower Upper

149 100

167 23.8 22.2 33.2

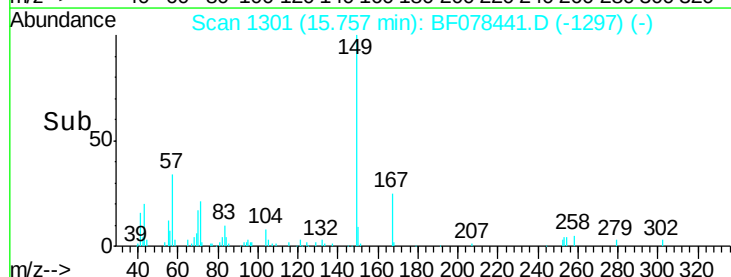
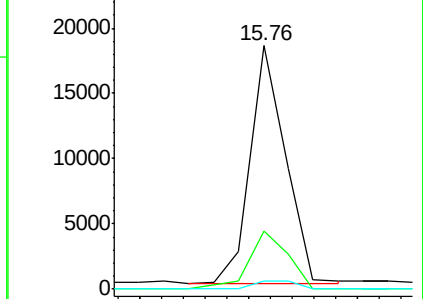
279 3.3 3.2 4.8

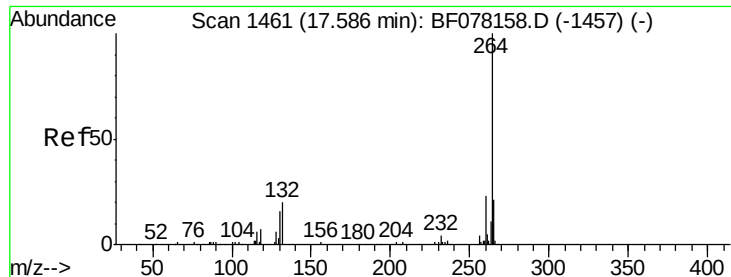


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

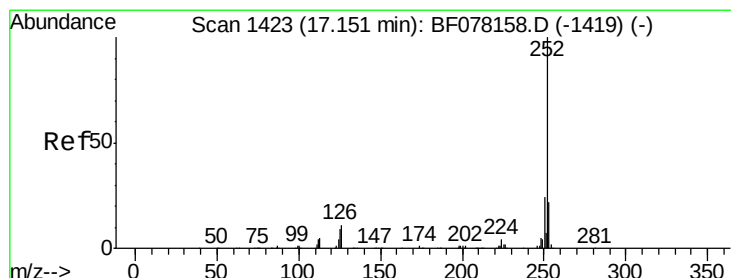
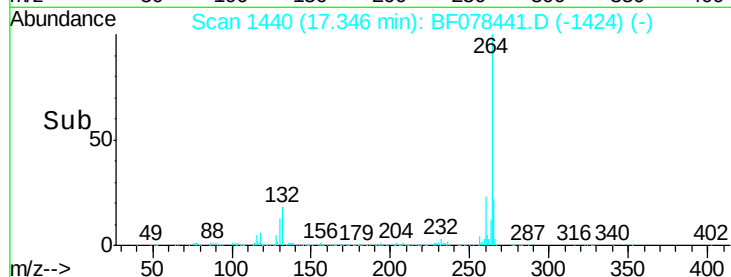
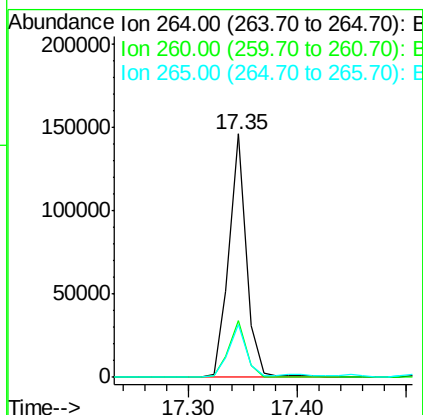
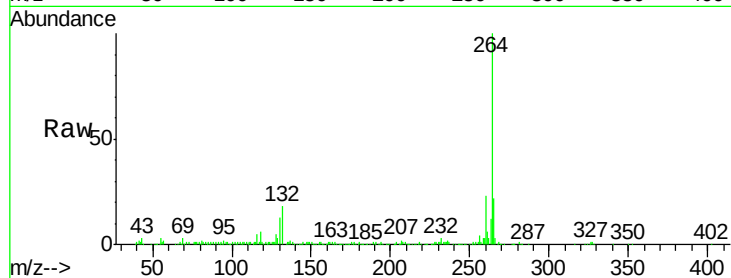




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.35 min Scan# 1440
Delta R.T. -0.11 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

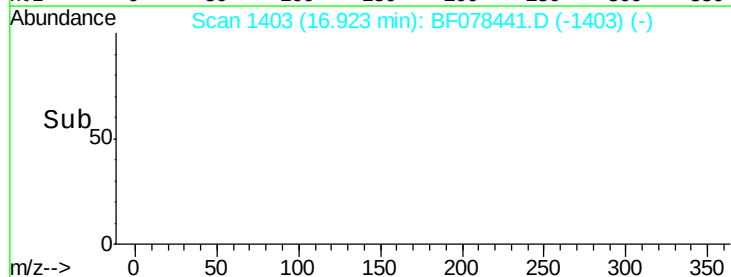
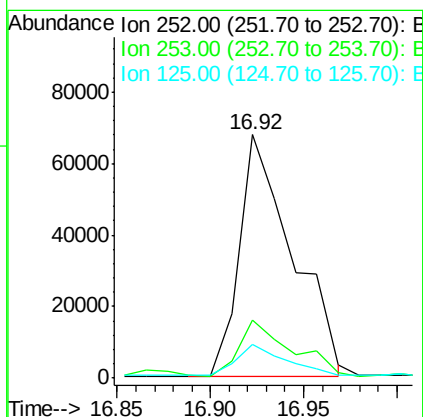
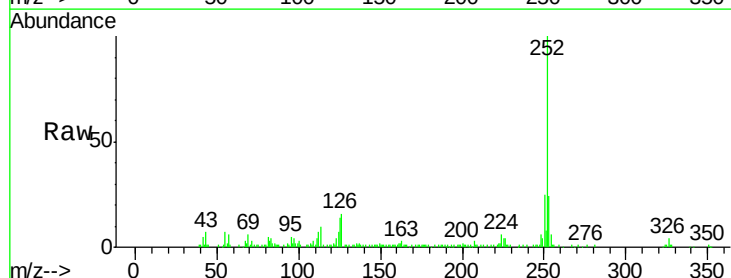
Instrument :
BNA_F
ClientSampleId :
SB-8S

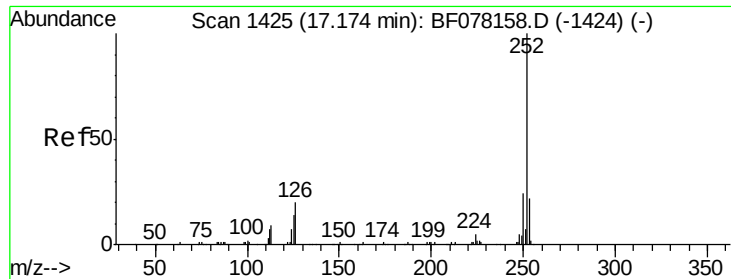
Tgt Ion: 264 Resp: 163187
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 21.6 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 13.40 ng
RT: 16.92 min Scan# 1403
Delta R.T. -0.10 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Tgt Ion: 252 Resp: 135109
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 13.7 7.0 10.4#

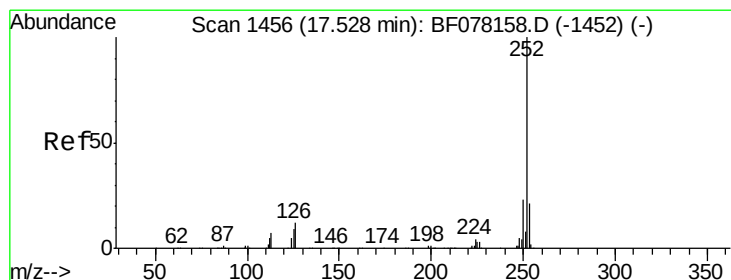
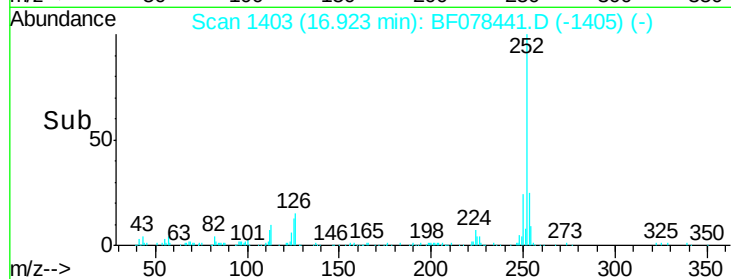
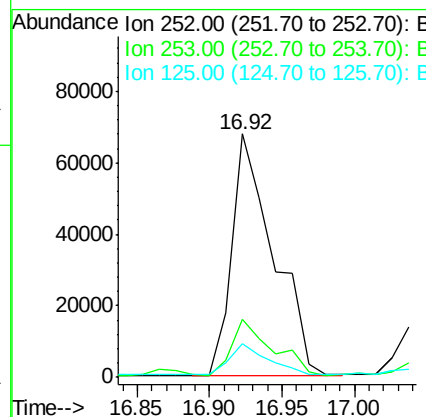
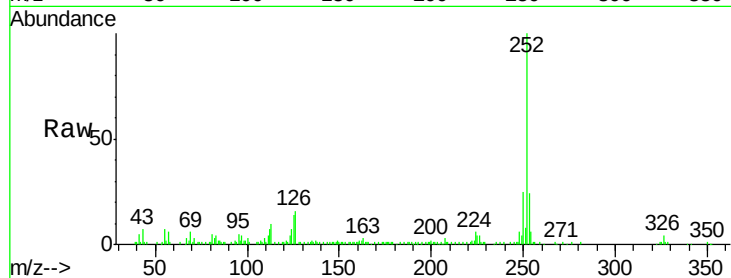




#88
Benzo(k)fluoranthene
Concen: 15.15 ng
RT: 16.92 min Scan# 1403
Delta R.T. -0.13 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Instrument :
BNA_F
ClientSampleId :
SB-8S

Tgt Ion:252 Resp: 135828
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 13.7 11.6 17.4



#89
Benzo(a)pyrene
Concen: 7.68 ng
RT: 17.28 min Scan# 1434
Delta R.T. -0.13 min
Lab File: BF078441.D
Acq: 11 Apr 2015 13:42

Tgt Ion:252 Resp: 67637
Ion Ratio Lower Upper
252 100
253 23.1 16.8 25.2
125 16.1 7.4 11.0#

