

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078836.D
 Acq On : 30 Apr 2015 4:13
 Operator : TP/IZ
 Sample : G2022-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Apr 30 05:16:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 01:56:50 2015
 Response via : Initial Calibration

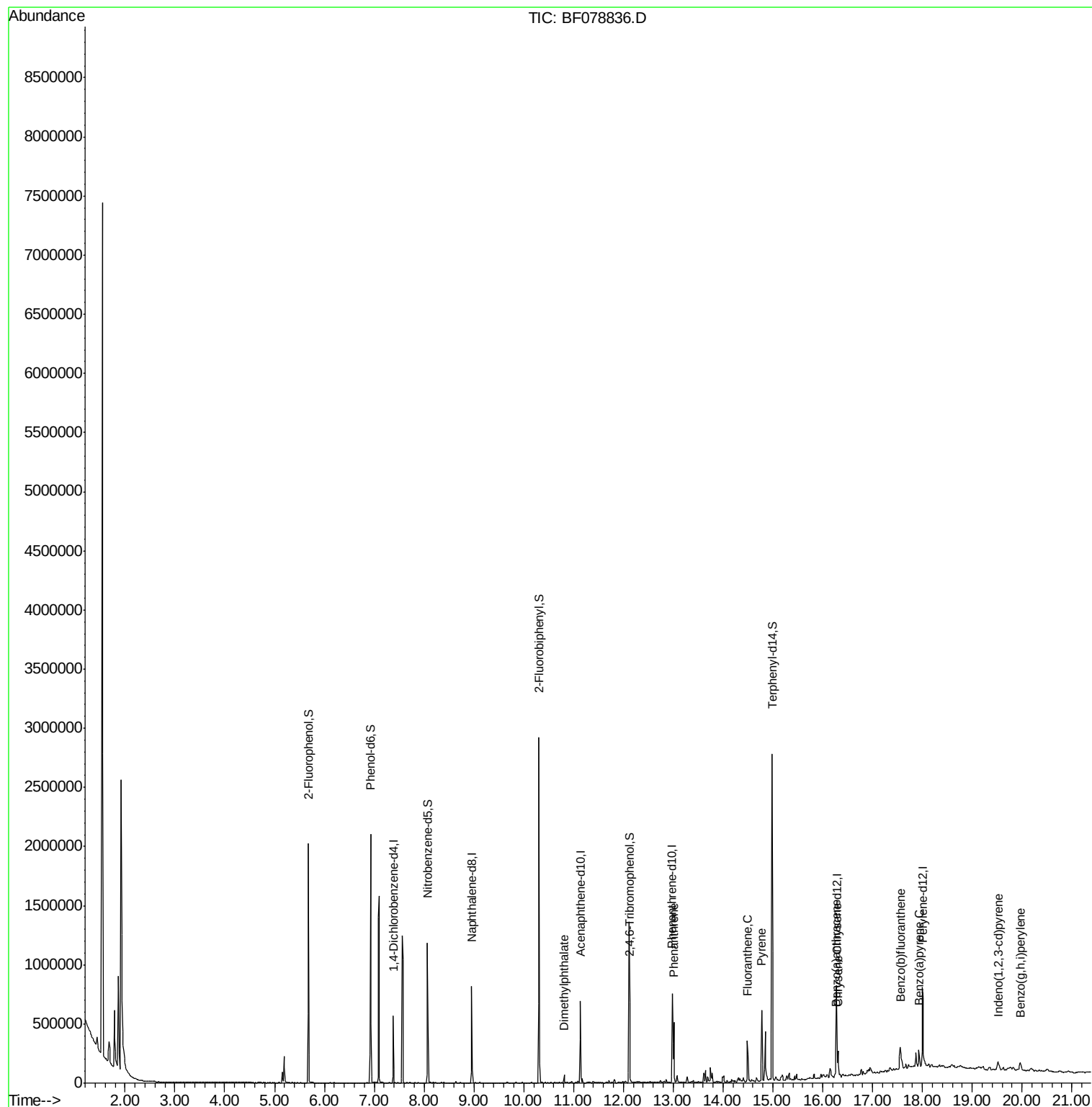
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	82548	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	344132	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	159065	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	307926	20.00	ng	0.00
75) Chrysene-d12	16.29	240	339020	20.00	ng	0.00
86) Perylene-d12	18.00	264	373176	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	560042	124.61	ng	0.01
7) Phenol-d6	6.92	99	694827	115.76	ng	0.00
23) Nitrobenzene-d5	8.07	82	395749	82.80	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	187833	119.23	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	887119	76.37	ng	0.00
78) Terphenyl-d14	14.98	244	997019	70.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.81	163	27929	2.47	ng	98
70) Phenanthrene	13.02	178	212222	12.73	ng	99
74) Fluoranthene	14.49	202	180588	10.86	ng	99
77) Pyrene	14.78	202	253620	12.80	ng	98
80) Benzo(a)anthracene	16.26	228	93027	5.11	ng	96
82) Chrysene	16.31	228	97935	5.52	ng	98
85) Indeno(1,2,3-cd)pyrene	19.52	276	56958	2.83	ng	# 100
87) Benzo(b)fluoranthene	17.55	252	128889m	6.38	ng	
89) Benzo(a)pyrene	17.93	252	76123	4.21	ng	# 93
91) Benzo(g,h,i)perylene	19.97	276	57594	3.07	ng	98

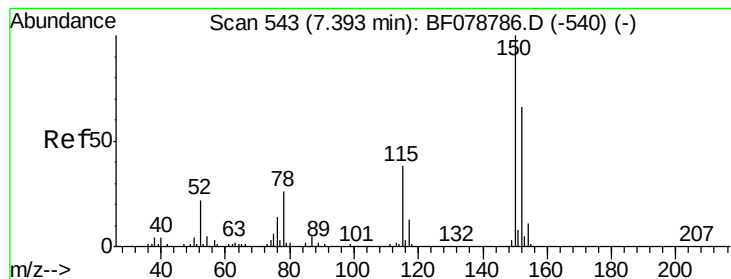
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078836.D
Acq On : 30 Apr 2015 4:13
Operator : TP/IZ
Sample : G2022-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Quant Time: Apr 30 05:16:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 01:56:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

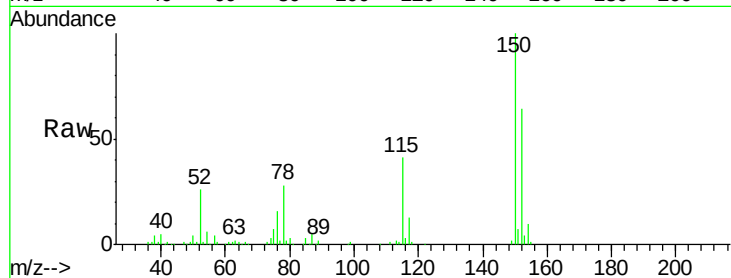
Tot Ion:152 Resp: 82548

Ion Ratio Lower Upper

152 100

150 156.2 122.0 183.0

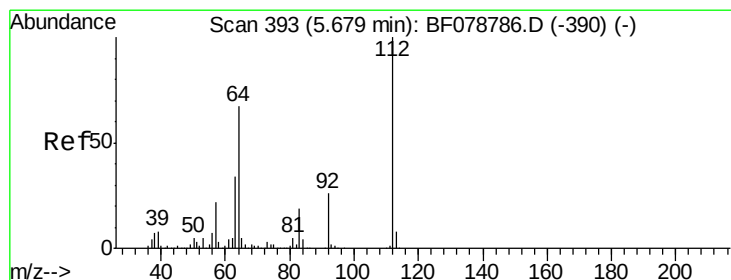
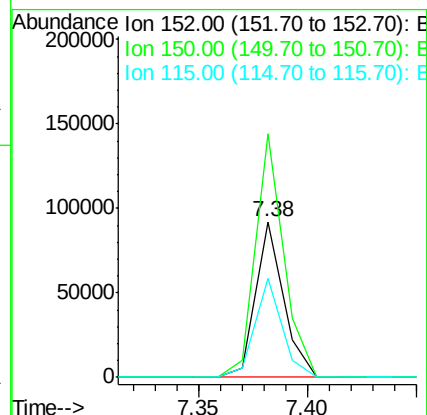
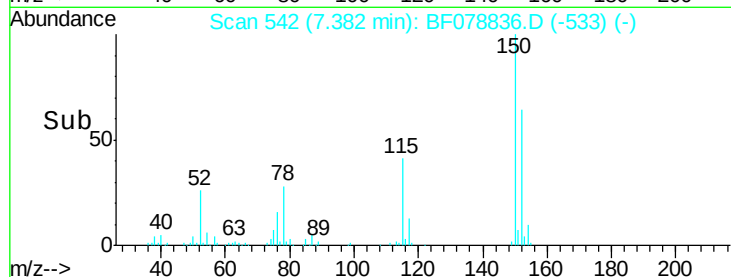
115 63.7 46.3 69.5



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: 124.61 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

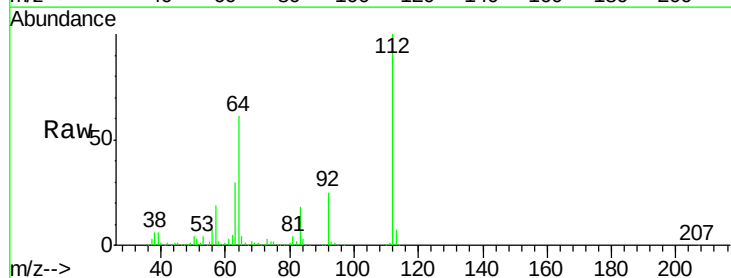
Tgt Ion:112 Resp: 560042

Ion Ratio Lower Upper

112 100

64 60.6 53.5 80.3

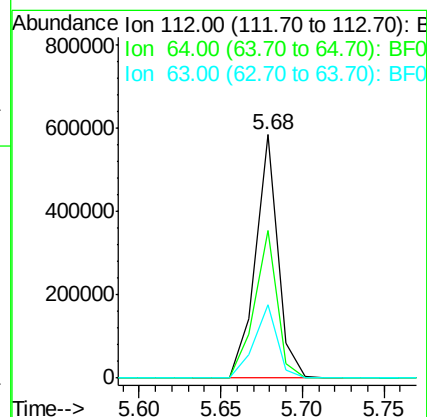
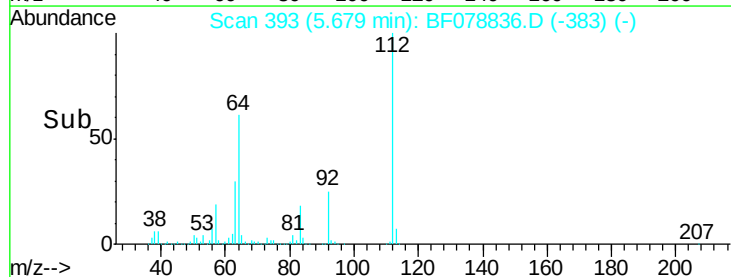
63 30.4 27.5 41.3

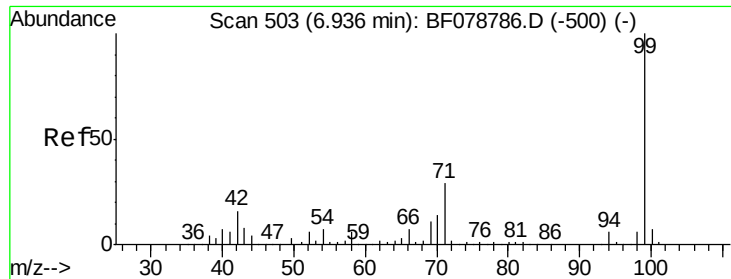


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.76 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

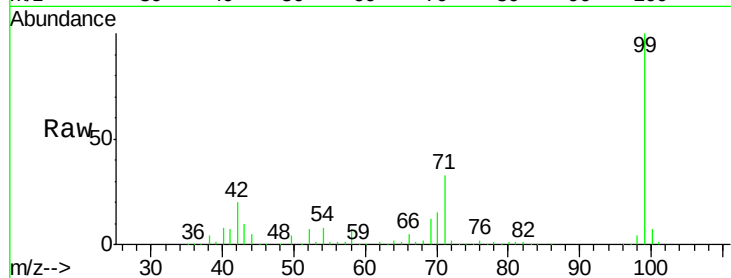
Tot Ion: 99 Resp: 694827

Ion Ratio Lower Upper

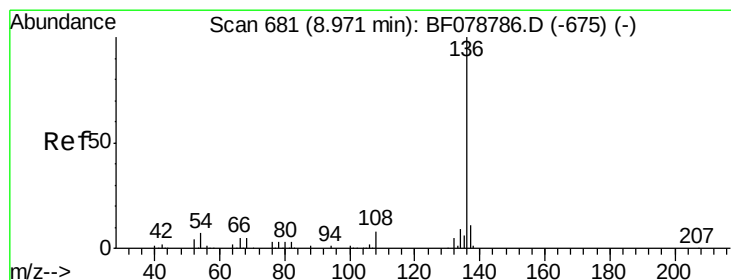
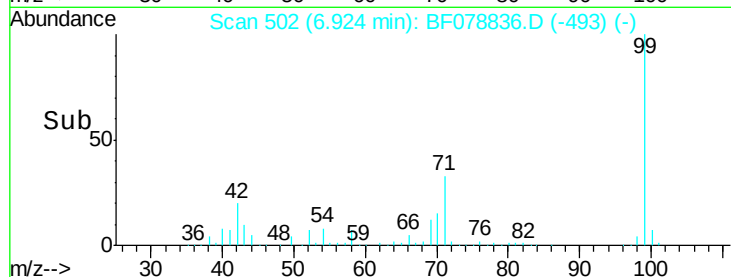
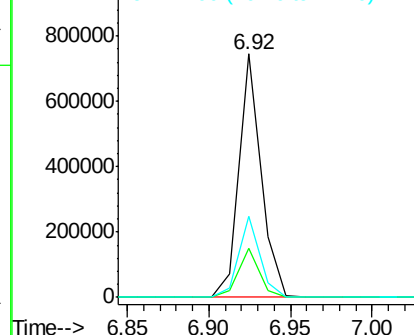
99 100

42 20.3 12.8 19.2#

71 33.3 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

Tgt Ion: 136 Resp: 344132

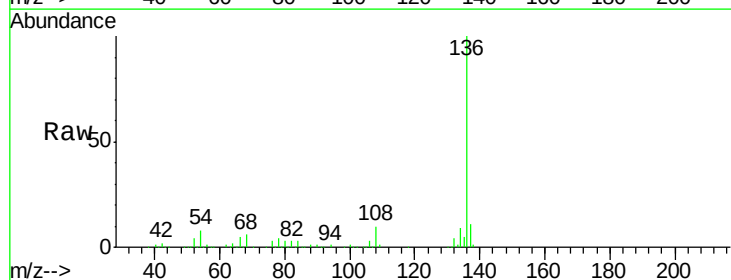
Ion Ratio Lower Upper

136 100

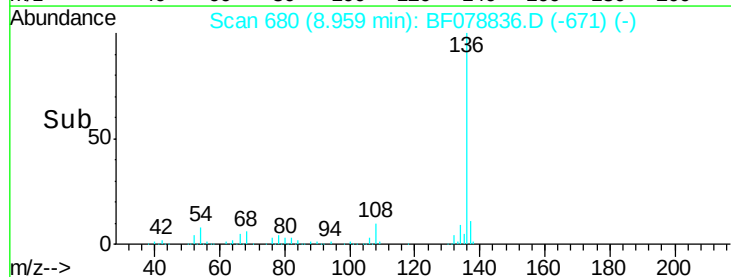
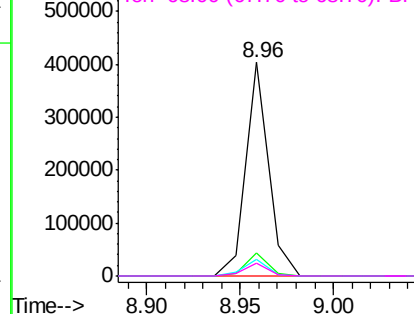
137 10.9 8.7 13.1

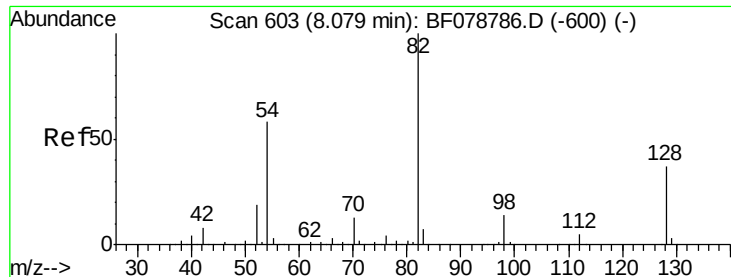
54 8.1 5.8 8.8

68 6.2 4.2 6.4



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

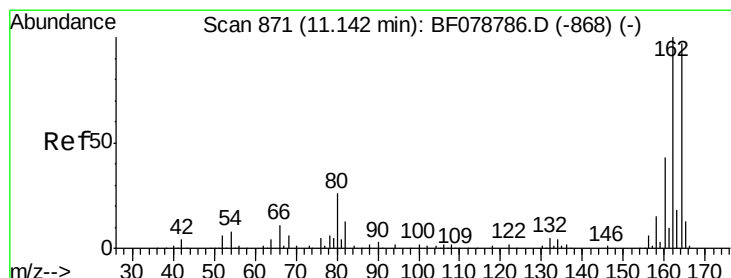
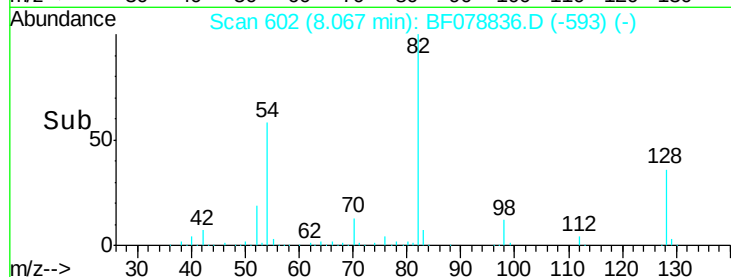
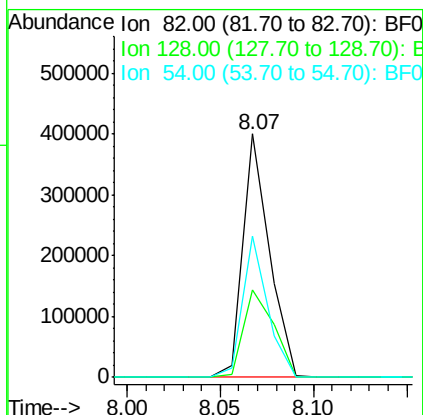
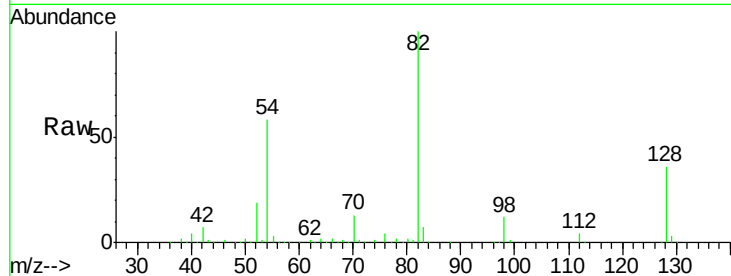




#23
 Nitrobenzene-d5
 Concen: 82.80 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078836.D
 Acq: 30 Apr 2015 4:13

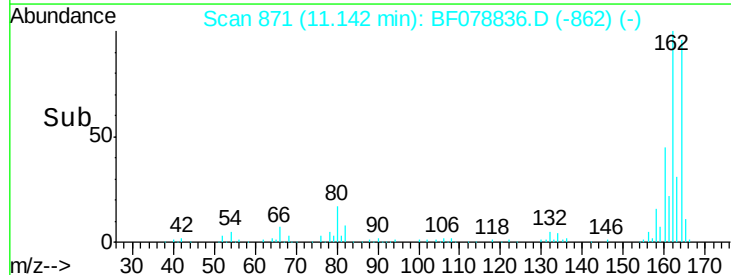
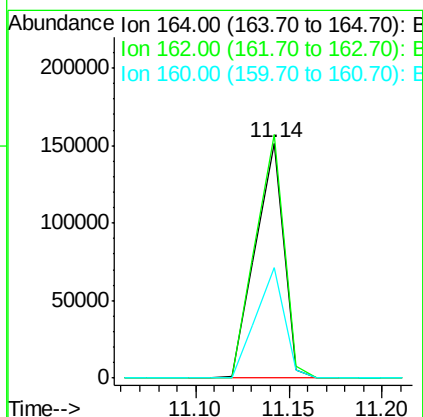
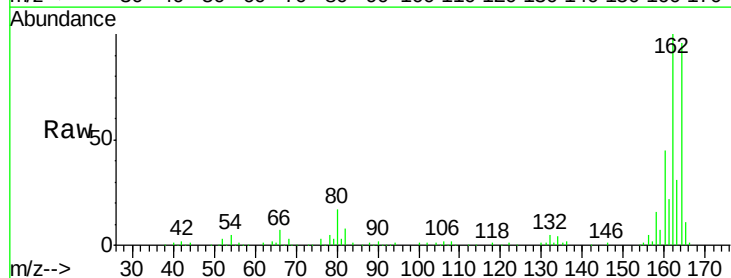
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

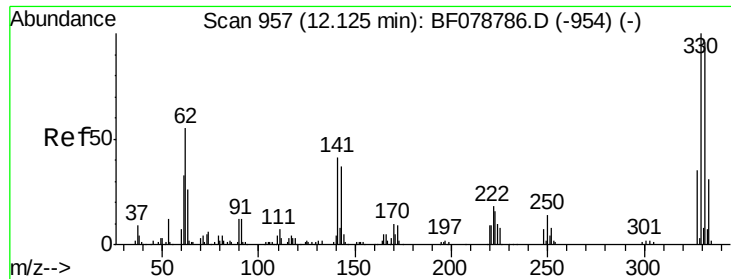
Tot Ion	82	Resp	395749
Ion Ratio	100	Lower	Upper
128	35.8	30.0	45.0
54	57.8	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078836.D
 Acq: 30 Apr 2015 4:13

Tgt Ion	164	Resp	159065
Ion Ratio	100	Lower	Upper
162	103.7	82.7	124.1
160	46.8	35.8	53.8

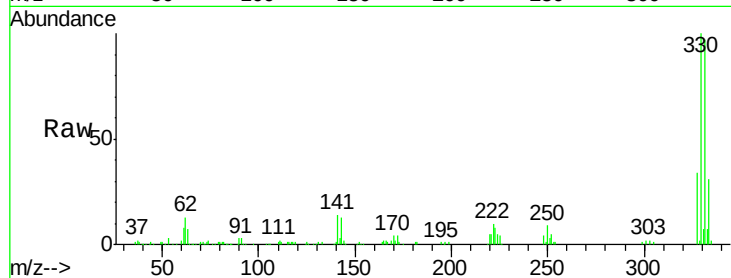




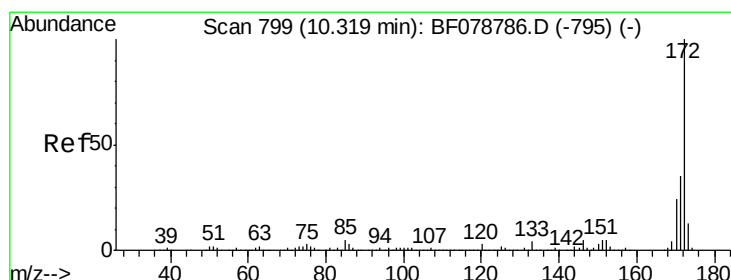
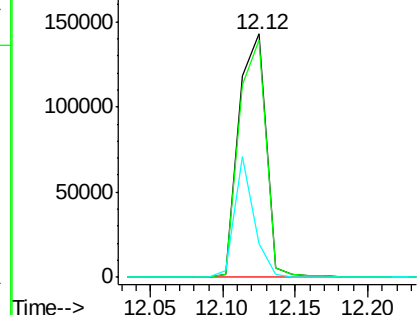
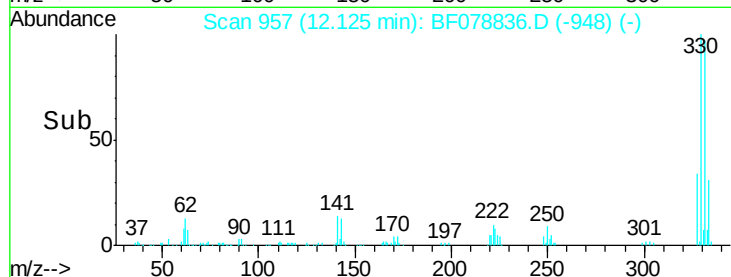
#41
 2,4,6-Tribromophenol
 Concen: 119.23 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078836.D
 Acq: 30 Apr 2015 4:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	35.8	0.0	0.0#

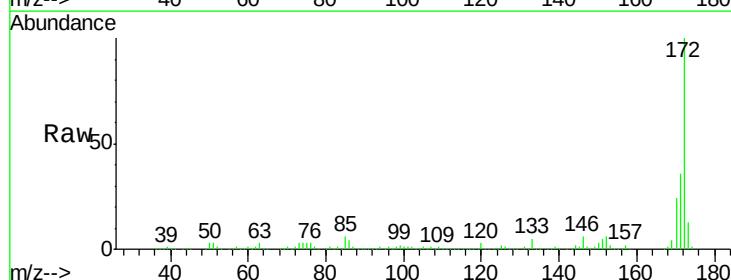


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

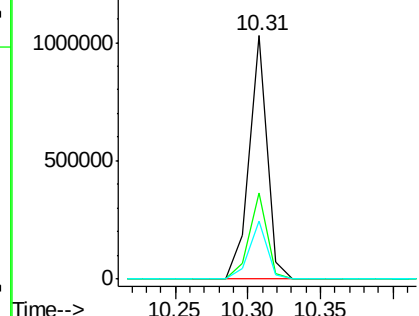
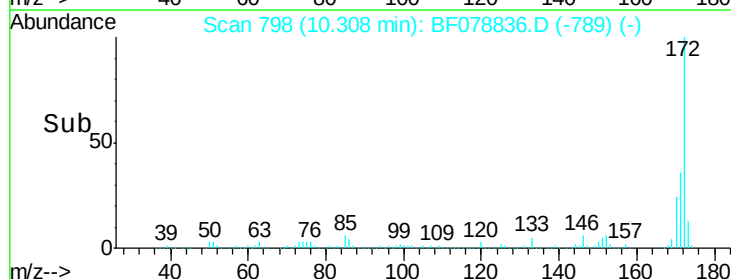


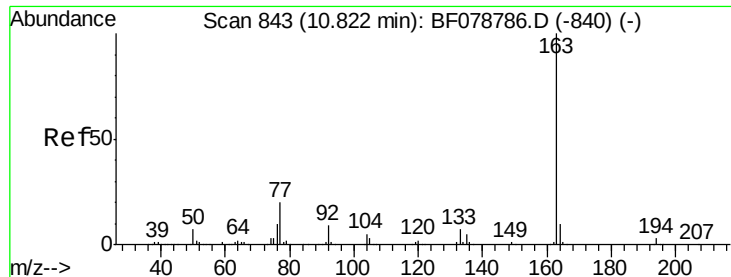
#44
 2-Fluorobiphenyl
 Concen: 76.37 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078836.D
 Acq: 30 Apr 2015 4:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.9	19.4	29.0



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

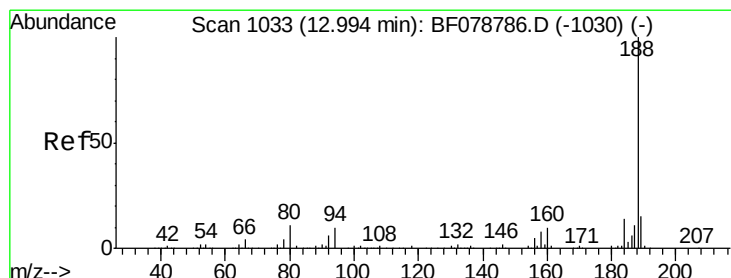
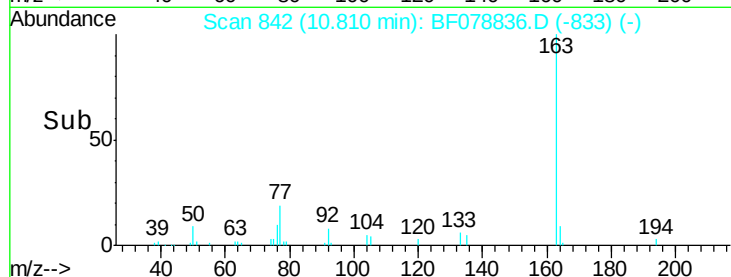
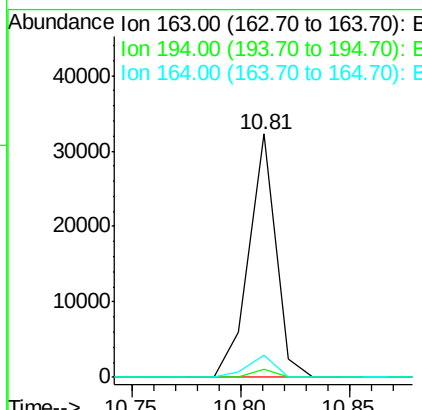
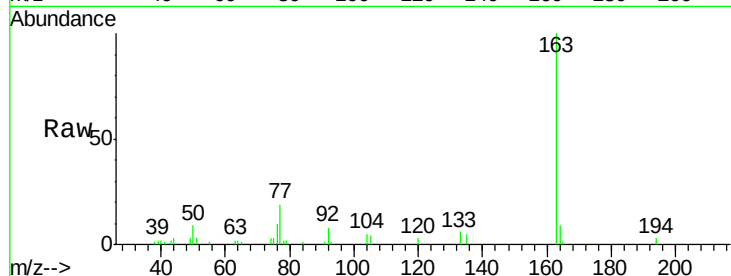




#49
Dimethylphthalate
Concen: 2.47 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

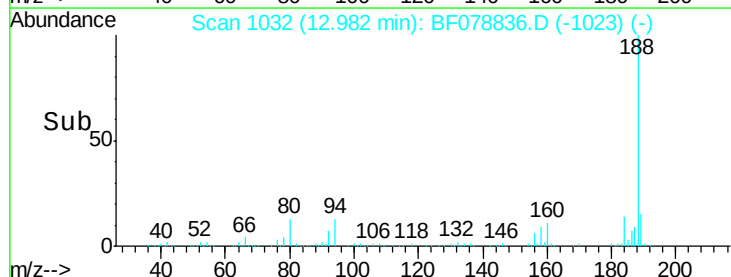
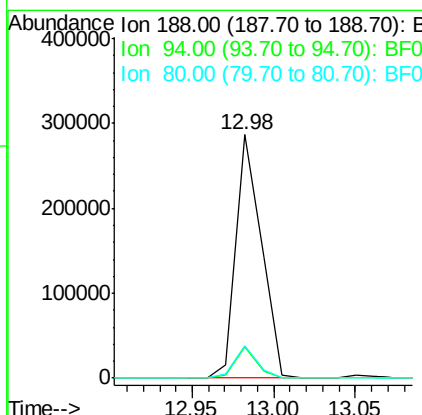
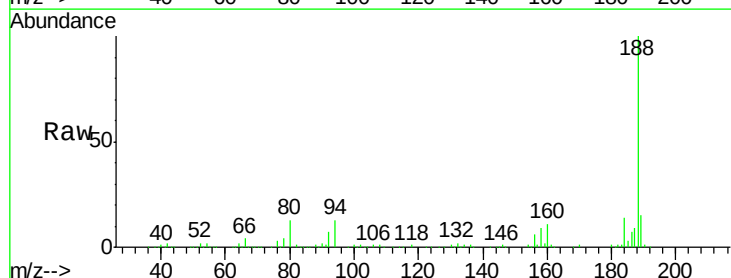
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

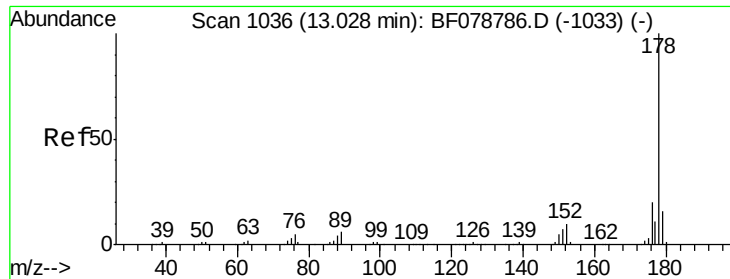
Tot Ion:163 Resp: 27929
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.0 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

Tgt Ion:188 Resp: 307926
Ion Ratio Lower Upper
188 100
94 12.7 8.2 12.2#
80 13.5 8.9 13.3#

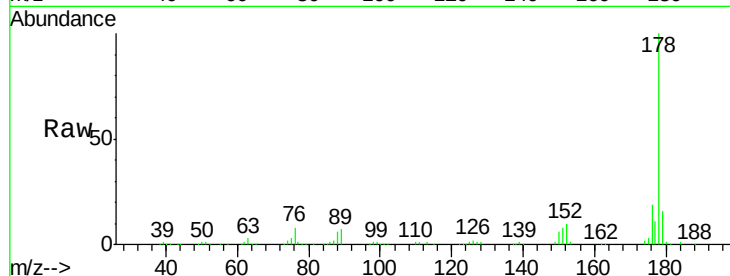




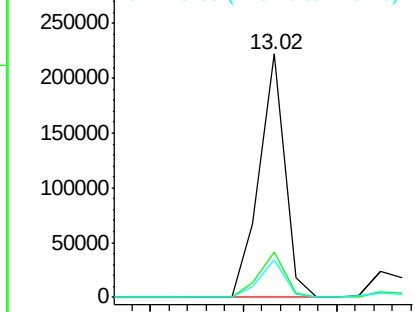
#70
Phenanthrene
Concen: 12.73 ng
RT: 13.02 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

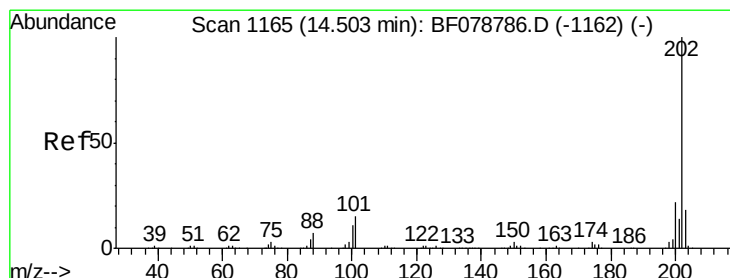
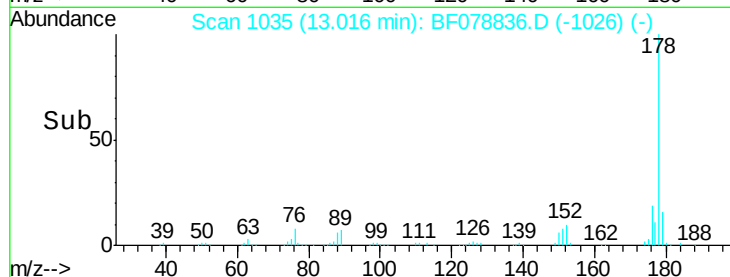
Tot Ion:178 Resp: 212222
Ion Ratio Lower Upper
178 100
176 18.6 15.8 23.8
179 15.6 12.5 18.7



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

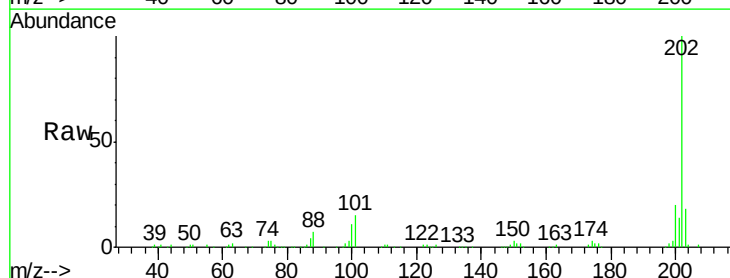


Time--> 12.95 13.00 13.05

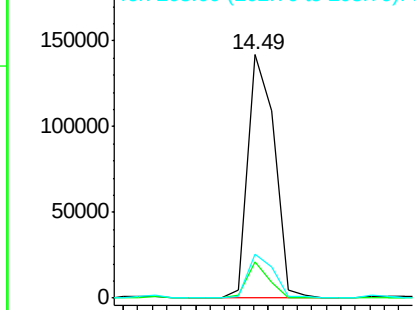


#74
Fluoranthene
Concen: 10.86 ng
RT: 14.49 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

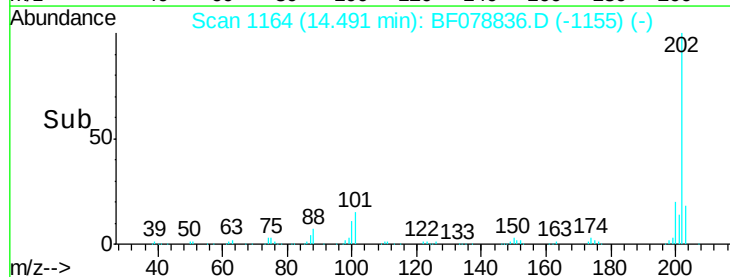
Tgt Ion:202 Resp: 180588
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.6
203 17.9 0.0 38.4

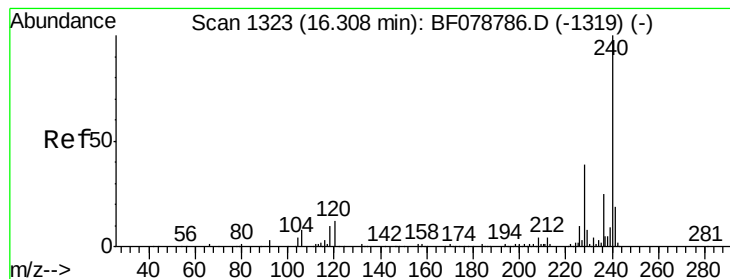


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 14.40 14.45 14.50 14.55





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

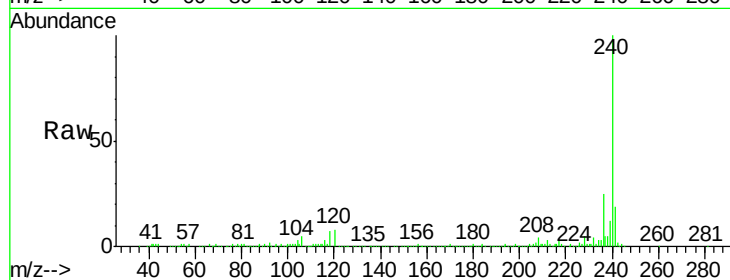
Tot Ion:240 Resp: 339020

Ion Ratio Lower Upper

240 100

120 8.3 9.7 14.5#

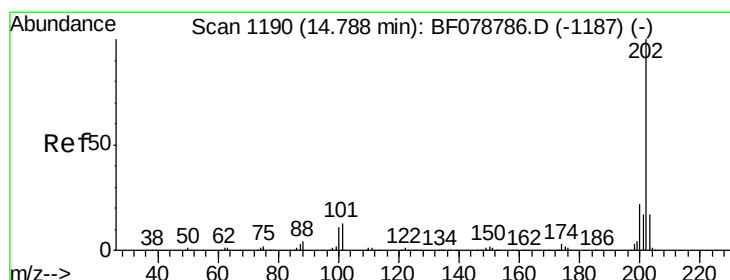
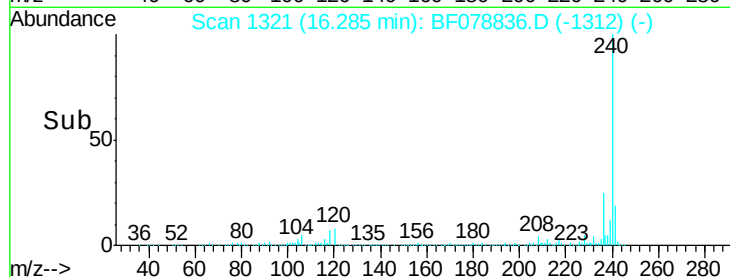
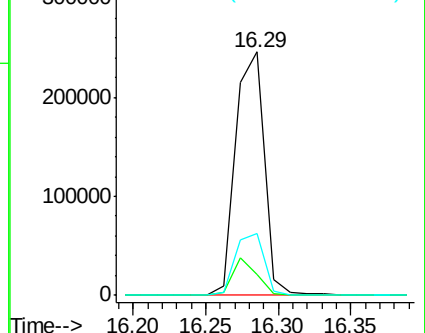
236 25.2 20.2 30.4



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: 12.80 ng

RT: 14.78 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

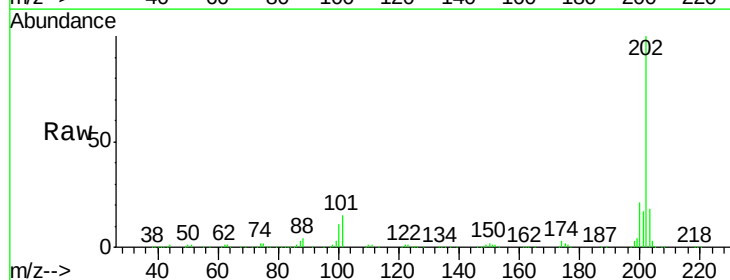
Tgt Ion:202 Resp: 253620

Ion Ratio Lower Upper

202 100

200 21.1 17.5 26.3

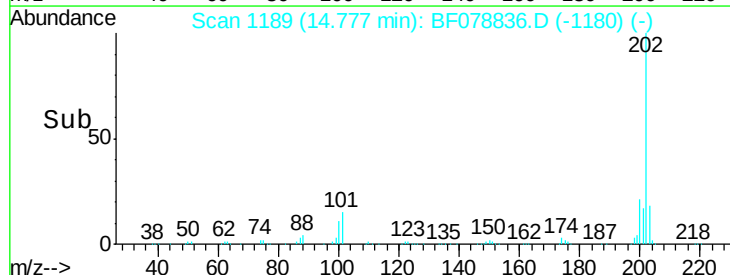
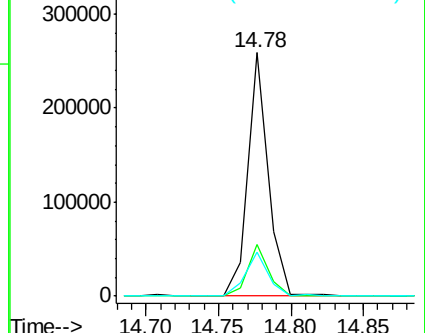
203 18.2 13.9 20.9

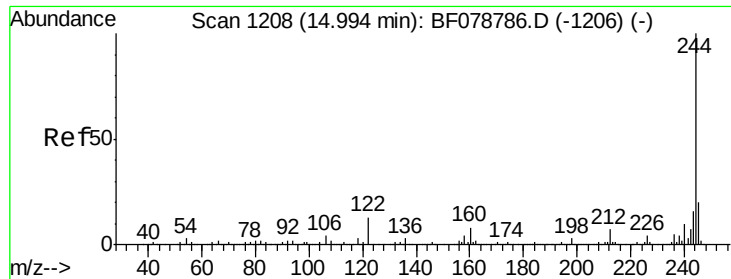


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

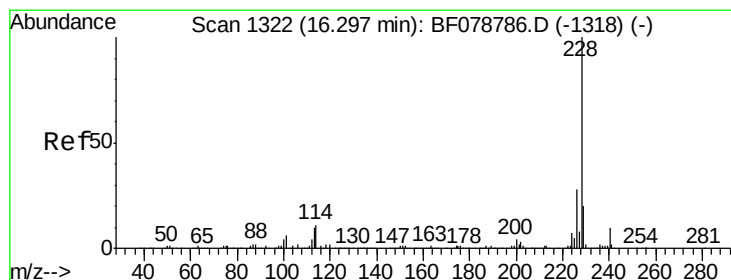
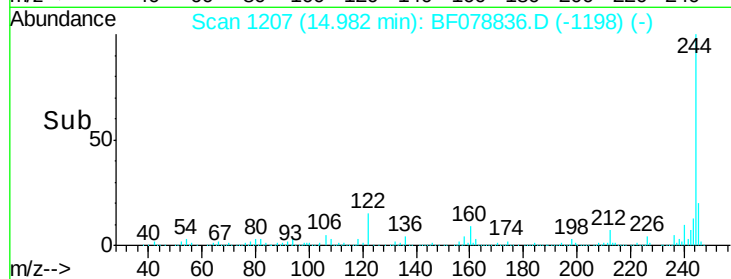
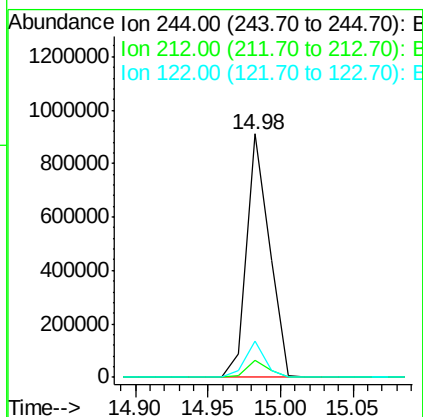
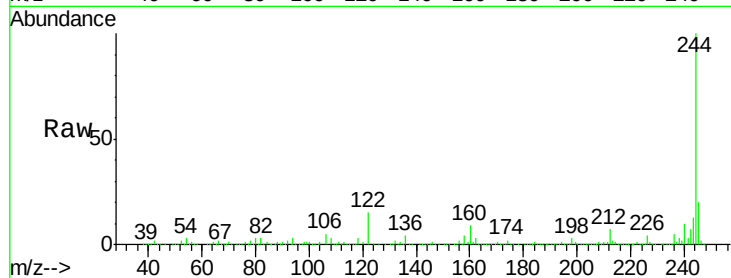




#78
 Terphenyl-d14
 Concen: 70.04 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF078836.D
 Acq: 30 Apr 2015 4:13

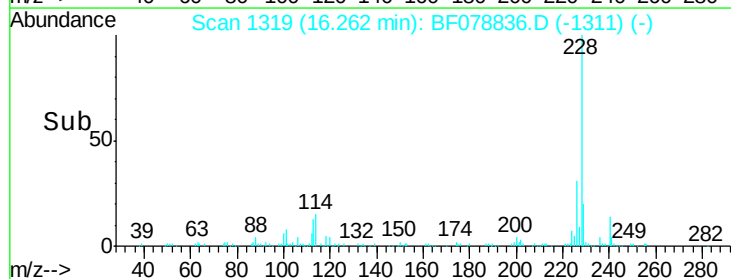
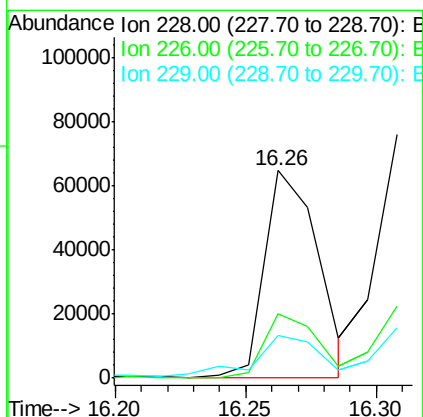
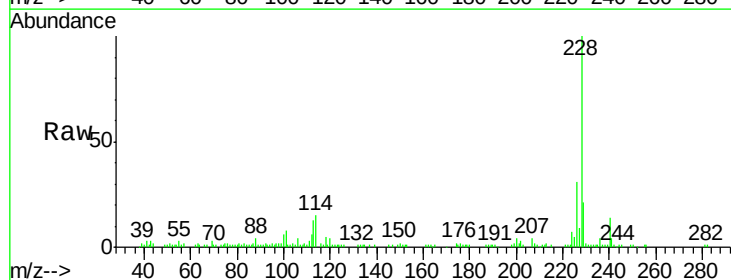
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

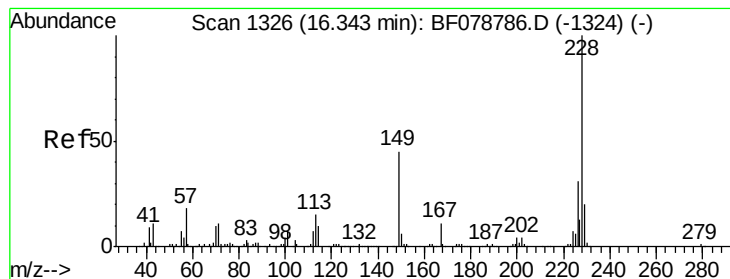
Tot Ion:244 Resp: 997019
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 14.9 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 5.11 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078836.D
 Acq: 30 Apr 2015 4:13

Tgt Ion:228 Resp: 93027
 Ion Ratio Lower Upper
 228 100
 226 31.4 22.6 33.8
 229 20.6 15.9 23.9





#82

Chrysene

Concen: 5.52 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

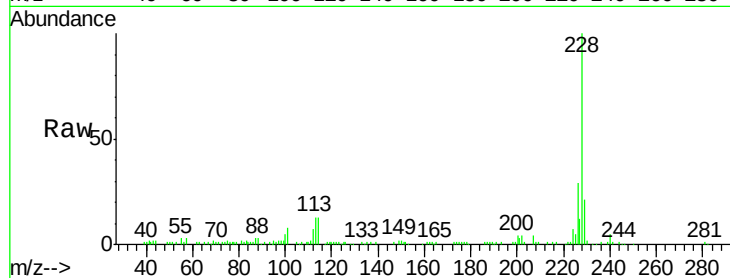
Tot Ion:228 Resp: 97935

Ion Ratio Lower Upper

228 100

226 29.4 24.9 37.3

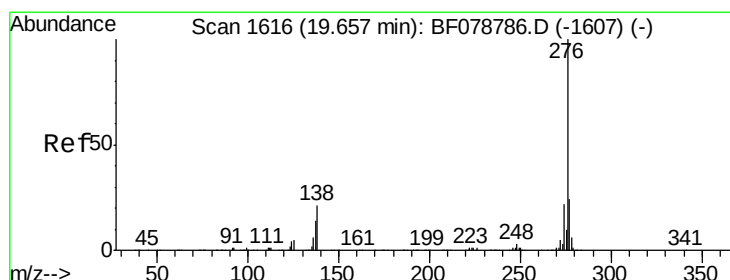
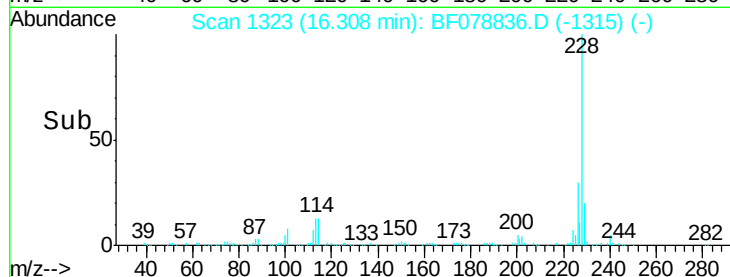
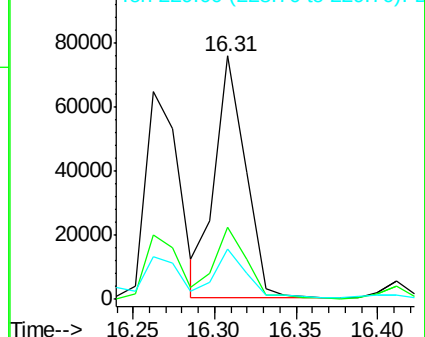
229 20.6 16.0 24.0



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.83 ng

RT: 19.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF078836.D

Acq: 30 Apr 2015 4:13

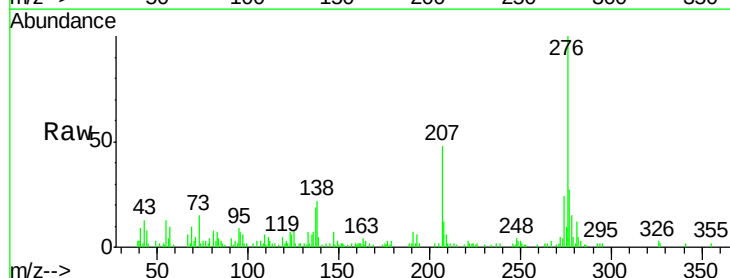
Tgt Ion:276 Resp: 56958

Ion Ratio Lower Upper

276 100

138 23.1 0.0 0.0#

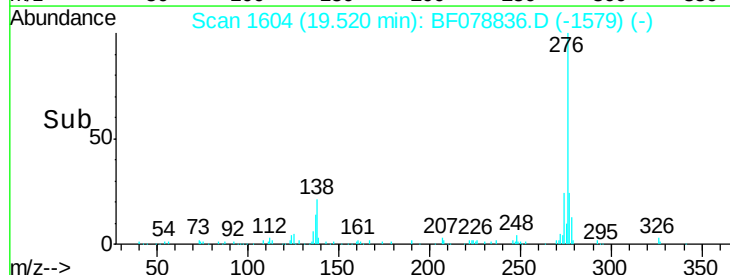
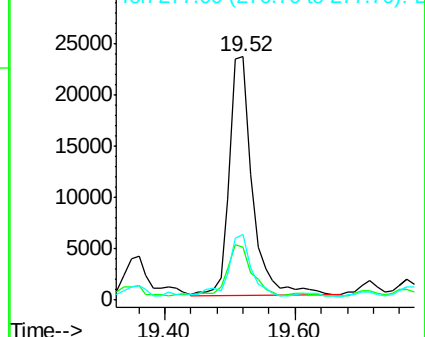
277 25.3 0.0 0.0#

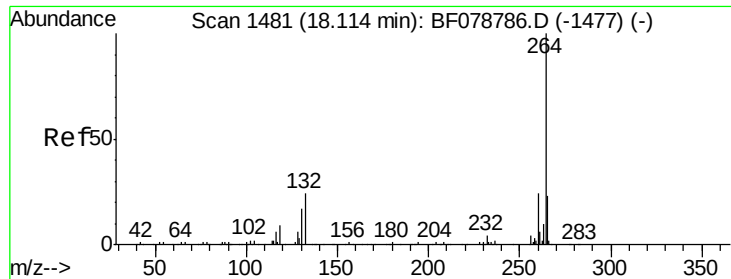


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



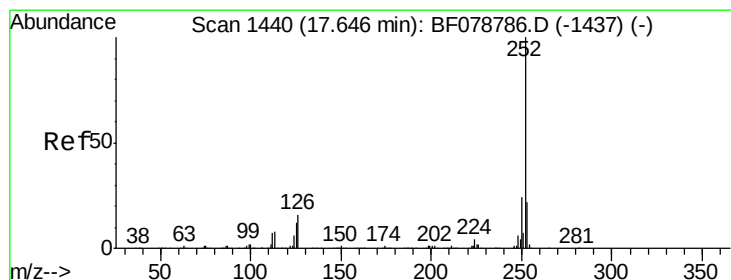
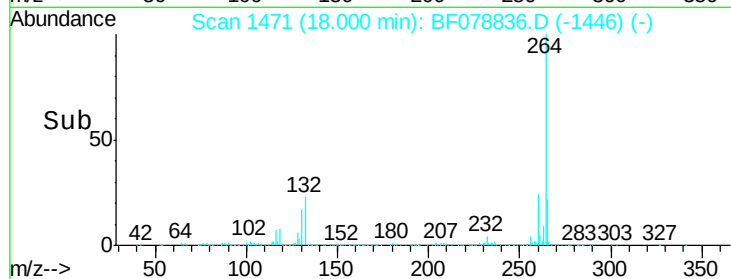
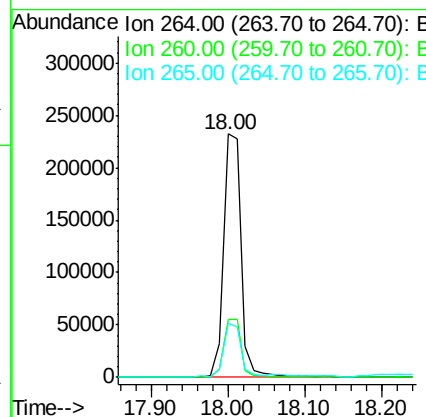
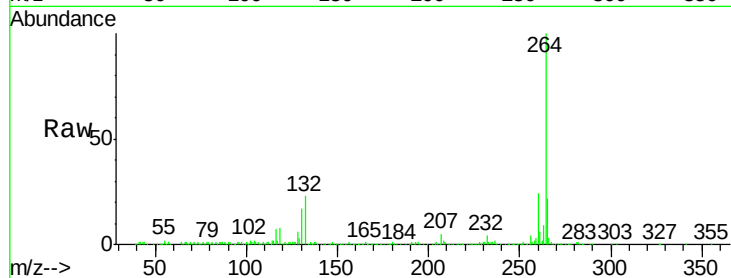


#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:264 Resp: 373176

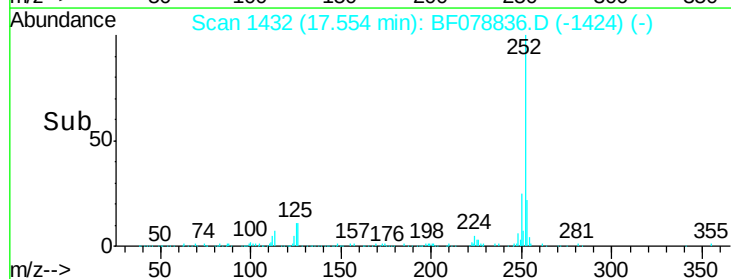
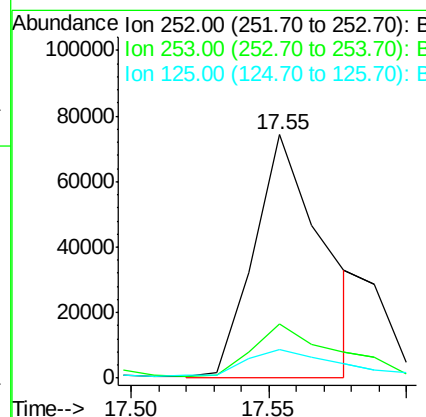
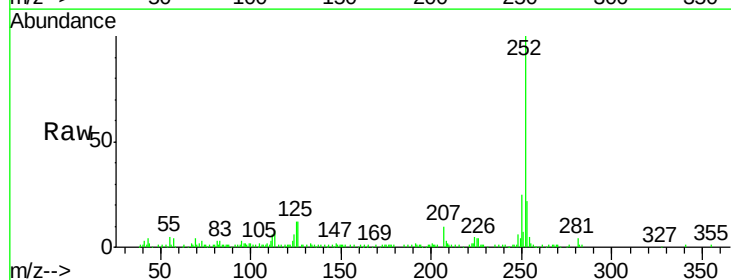
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.0	18.3	27.5

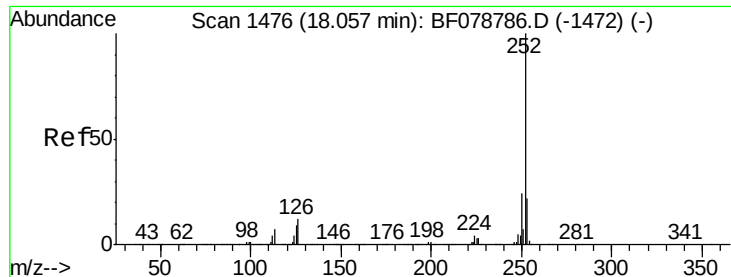


#87
Benzo(b)fluoranthene
Concen: 6.38 ng m
RT: 17.55 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

Tgt Ion:252 Resp: 128889

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.6	9.5	14.3

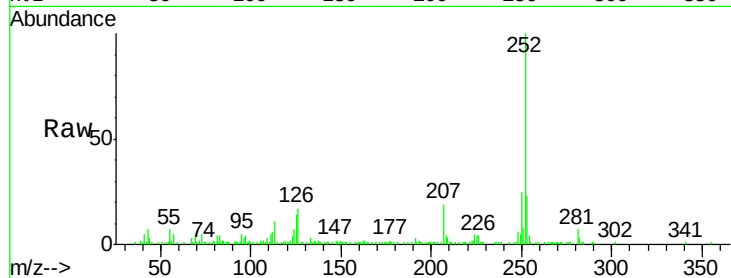




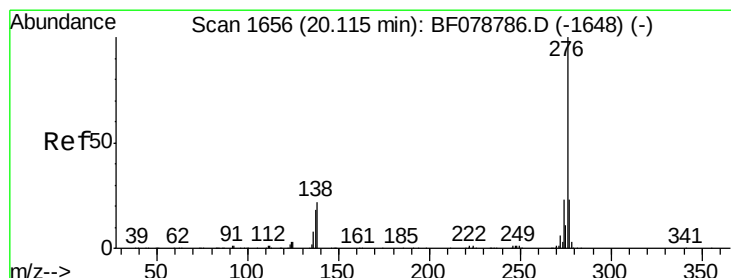
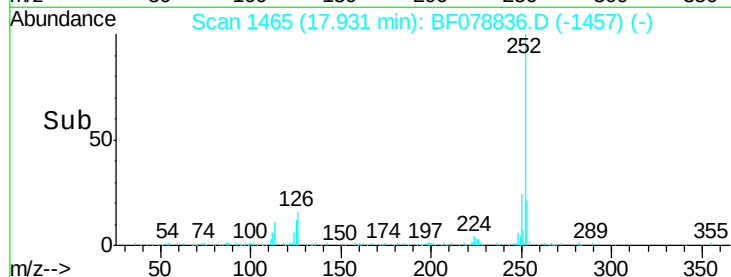
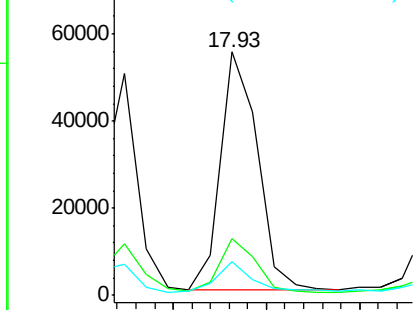
#89
Benzo(a)pyrene
Concen: 4.21 ng
RT: 17.93 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:252 Resp: 76123
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 13.8 7.0 10.6#

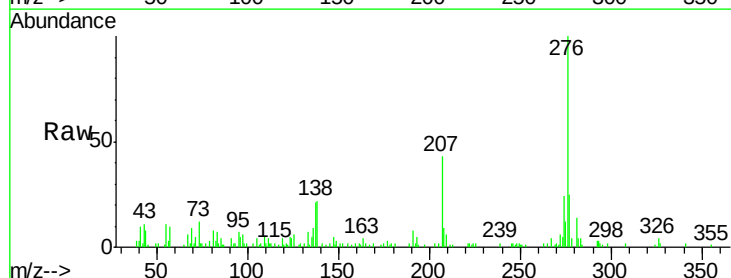


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 3.07 ng
RT: 19.97 min Scan# 1643
Delta R.T. -0.02 min
Lab File: BF078836.D
Acq: 30 Apr 2015 4:13

Tgt Ion:276 Resp: 57594
Ion Ratio Lower Upper
276 100
277 24.9 18.6 28.0
138 22.4 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

