

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078832.D
 Acq On : 30 Apr 2015 2:18
 Operator : TP/IZ
 Sample : G2003-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

Quant Time: Apr 30 04:00:23 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

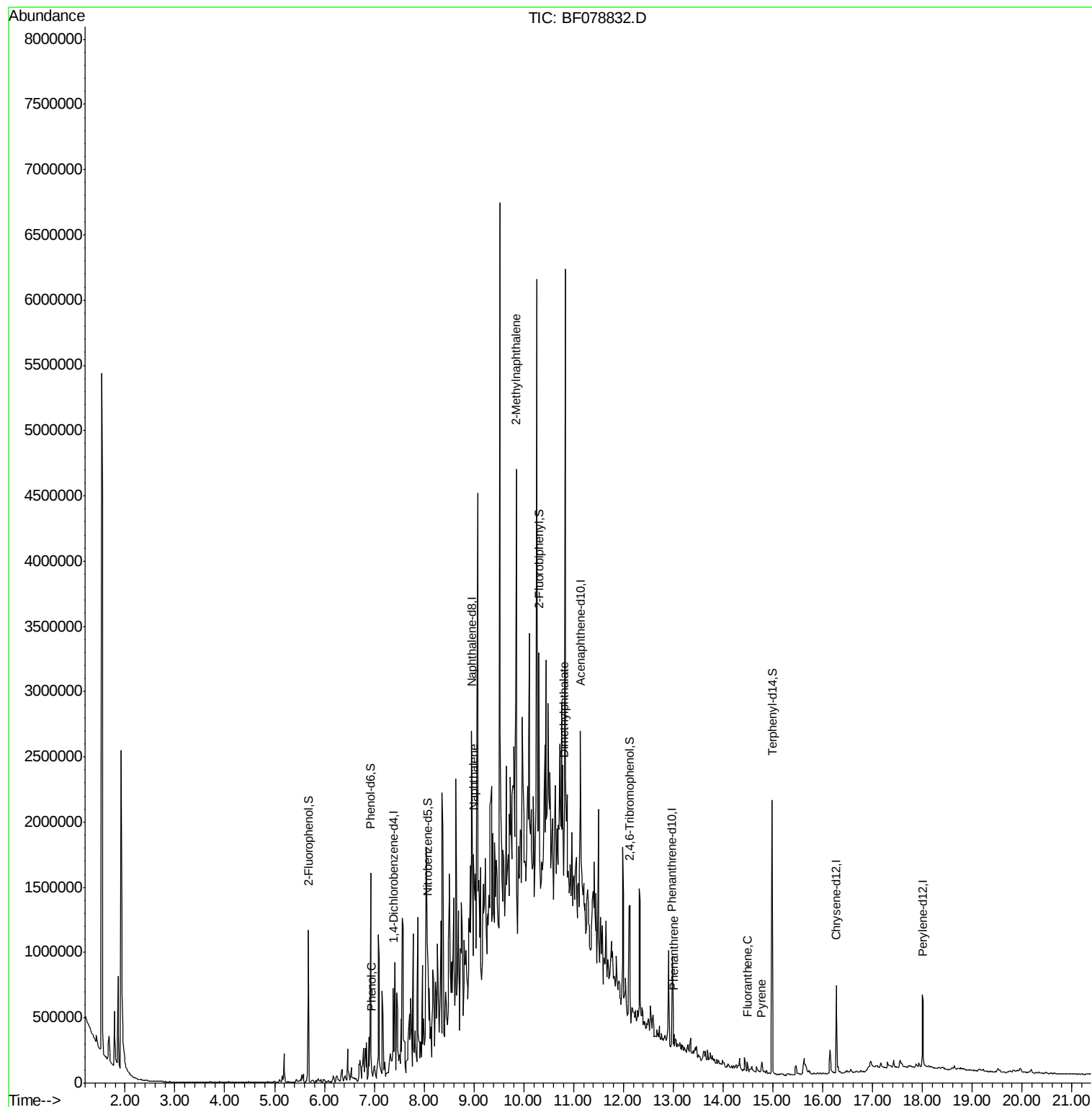
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	66198	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	263196	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	135387	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	265783	20.00	ng	0.00
75) Chrysene-d12	16.27	240	288471	20.00	ng	-0.01
86) Perylene-d12	18.01	264	315555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	361855	100.40	ng	0.01
7) Phenol-d6	6.92	99	487874	101.35	ng	0.00
23) Nitrobenzene-d5	8.07	82	272923	74.66	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	123214	93.10	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	560930	56.74	ng	0.00
78) Terphenyl-d14	14.98	244	685614	56.60	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.94	94	13533	2.38	ng	82
31) Naphthalene	8.99	128	200652	16.06	ng	# 88
37) 2-Methylnaphthalene	9.85	142	413039	49.15	ng	99
49) Dimethylphthalate	10.81	163	32382	3.36	ng	# 91
70) Phenanthrene	13.02	178	44643	3.10	ng	97
74) Fluoranthene	14.49	202	35485	2.47	ng	99
77) Pyrene	14.78	202	34049	2.02	ng	97

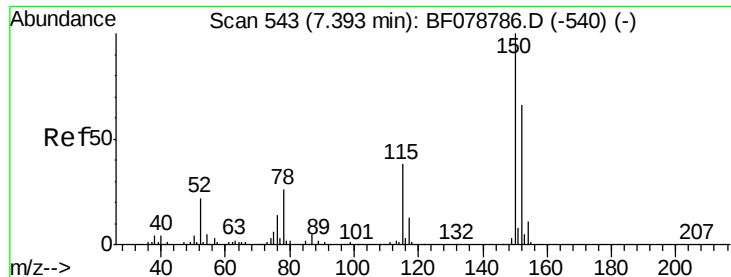
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
Data File : BF078832.D
Acq On : 30 Apr 2015 2:18
Operator : TP/IZ
Sample : G2003-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

Quant Time: Apr 30 04:00:23 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: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

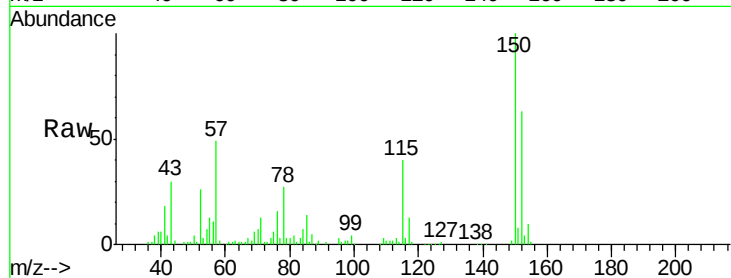
Tot Ion:152 Resp: 66198

Ion Ratio Lower Upper

152 100

150 158.8 122.0 183.0

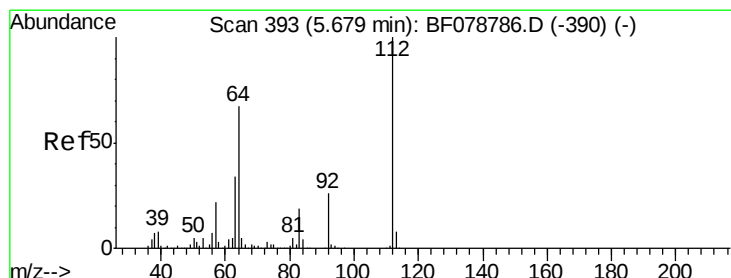
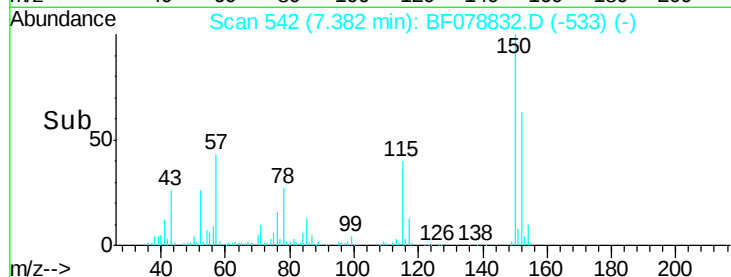
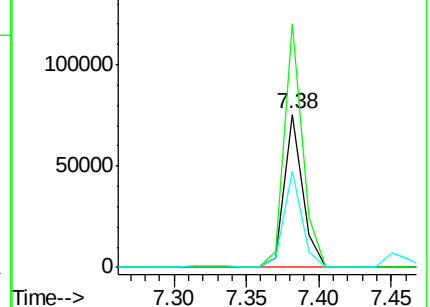
115 62.8 46.3 69.5



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: 100.40 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

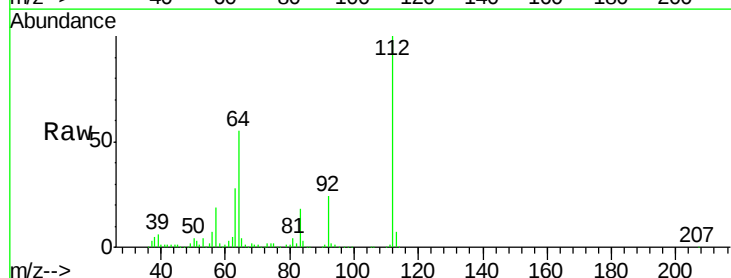
Tgt Ion:112 Resp: 361855

Ion Ratio Lower Upper

112 100

64 54.8 53.5 80.3

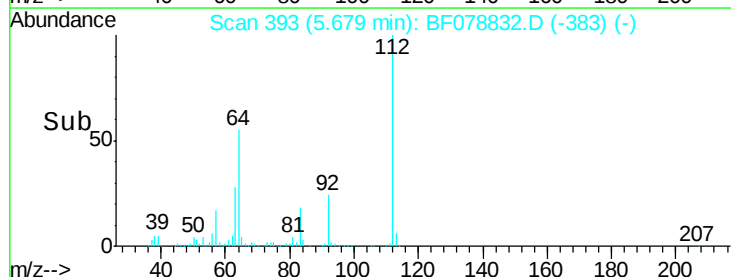
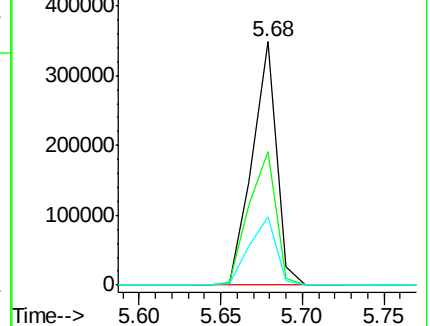
63 27.9 27.5 41.3

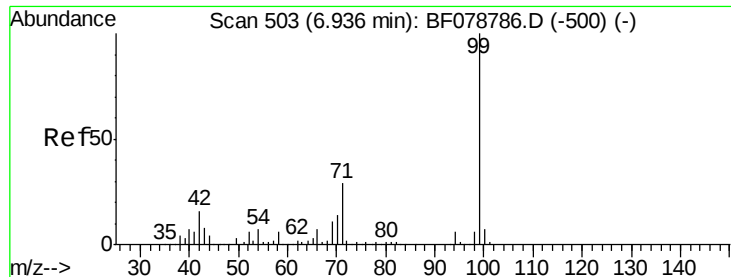


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.35 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

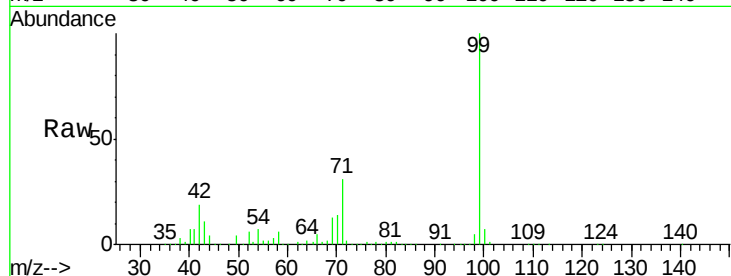
Tot Ion: 99 Resp: 487874

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

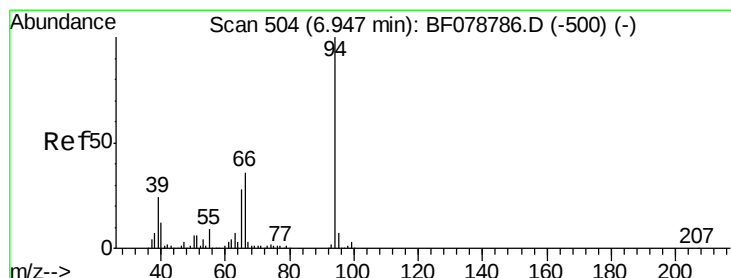
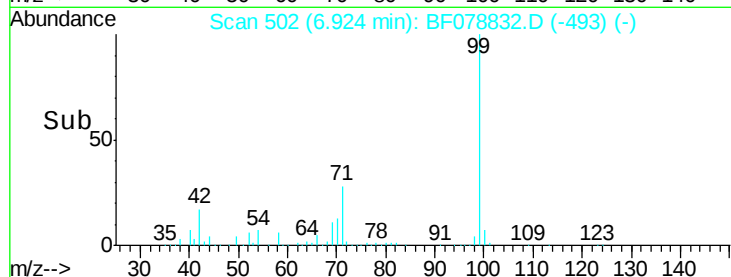
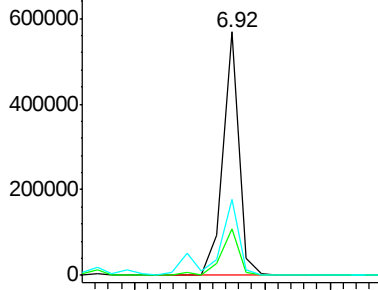
71 31.0 23.4 35.2



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



#10

Phenol

Concen: 2.38 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

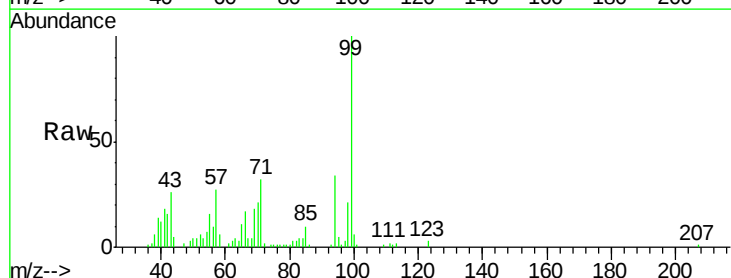
Tgt Ion: 94 Resp: 13533

Ion Ratio Lower Upper

94 100

65 32.9 8.5 48.5

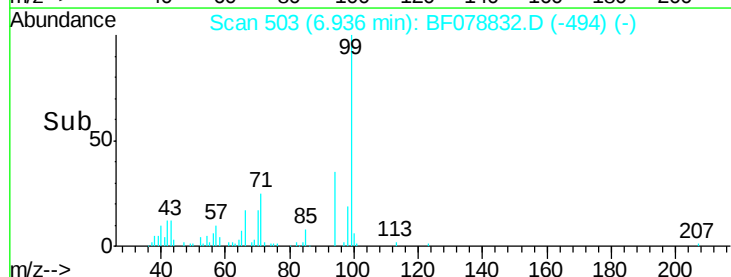
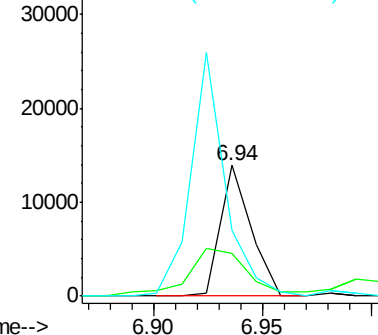
66 50.8 16.0 56.0

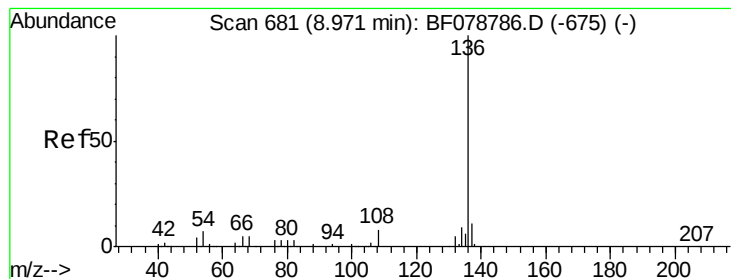


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

Tot Ion:136 Resp: 263196

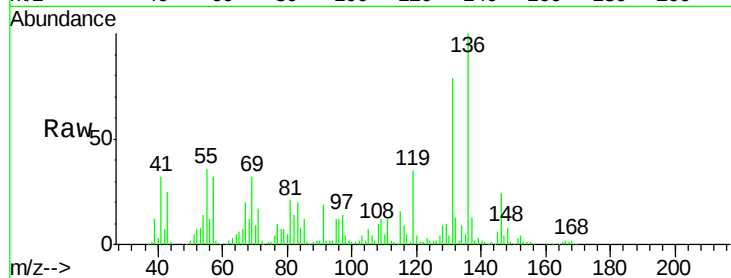
Ion Ratio Lower Upper

136 100

137 12.8 8.7 13.1

54 13.6 5.8 8.8#

68 11.7 4.2 6.4#

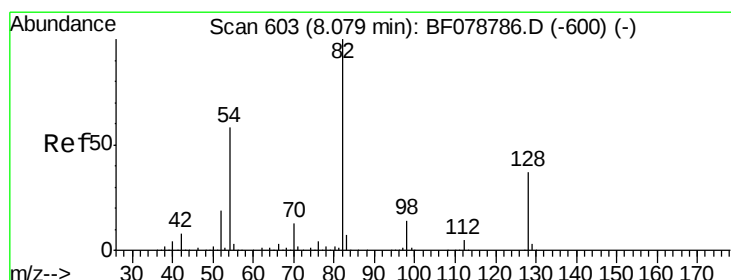
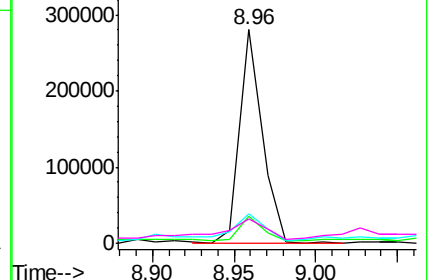
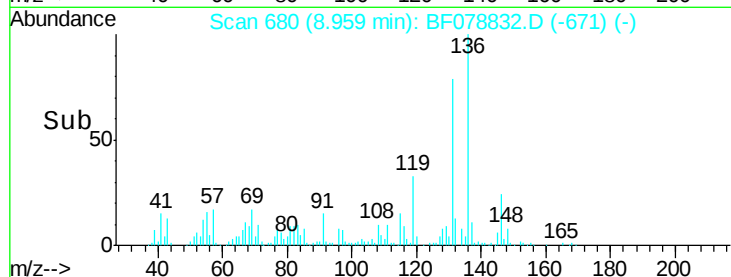


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.66 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

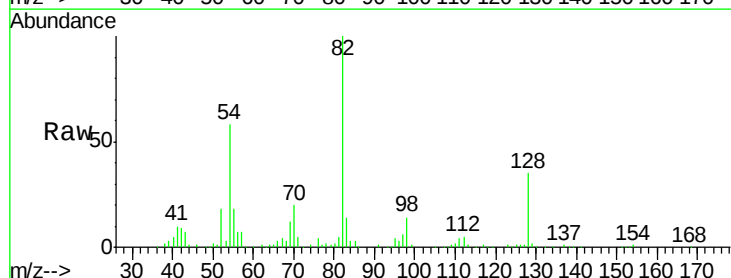
Tgt Ion: 82 Resp: 272923

Ion Ratio Lower Upper

82 100

128 35.2 30.0 45.0

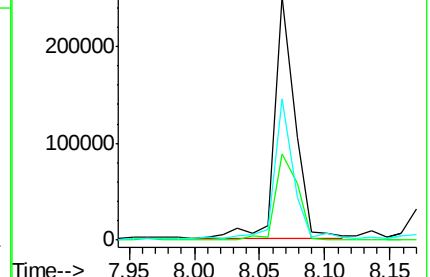
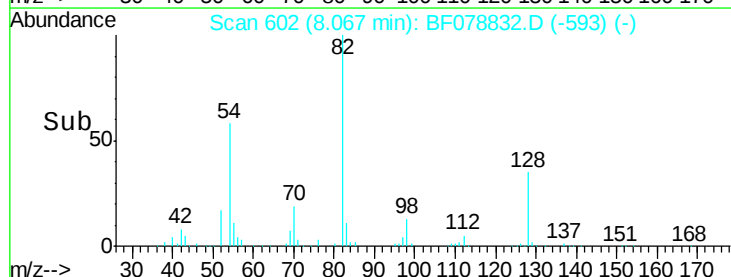
54 58.0 46.4 69.6

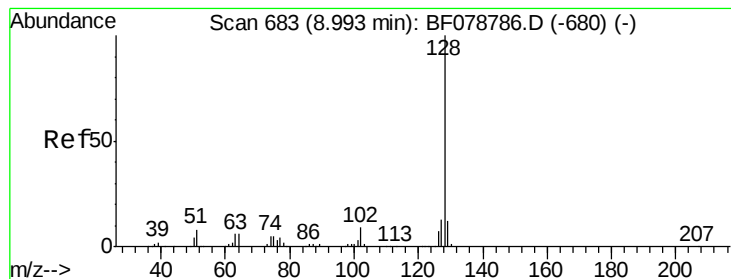


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 16.06 ng

RT: 8.99 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

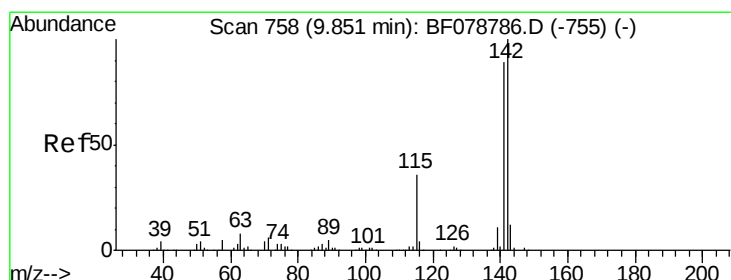
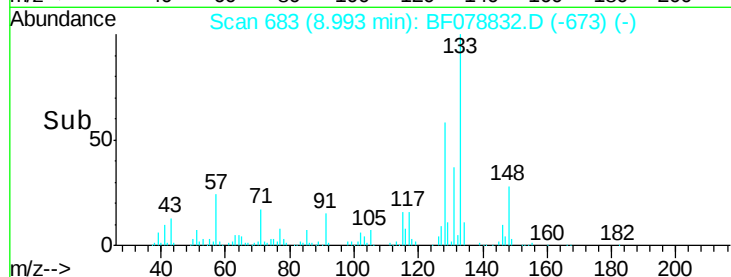
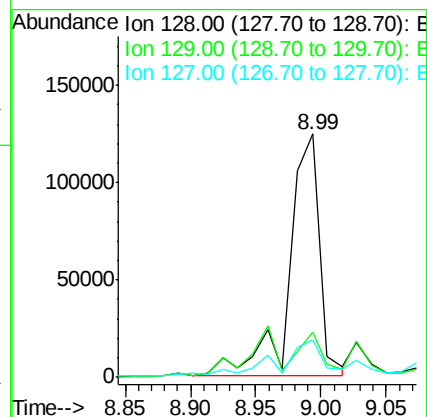
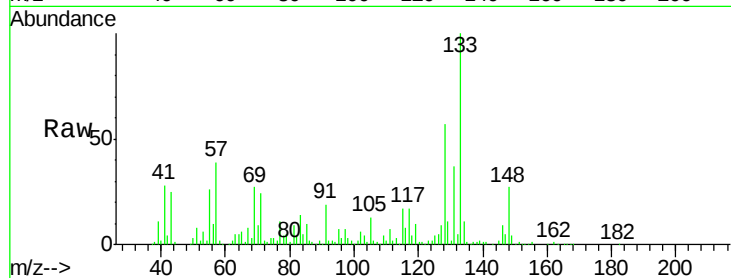
Tot Ion:128 Resp: 200652

Ion Ratio Lower Upper

128 100

129 18.7 9.3 13.9#

127 15.6 10.7 16.1



#37

2-Methylnaphthalene

Concen: 49.15 ng

RT: 9.85 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

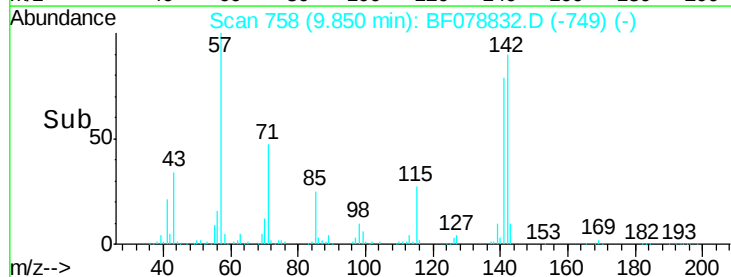
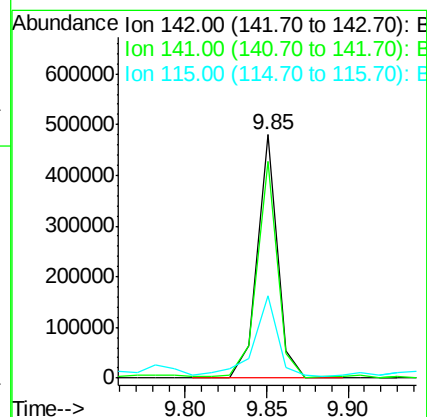
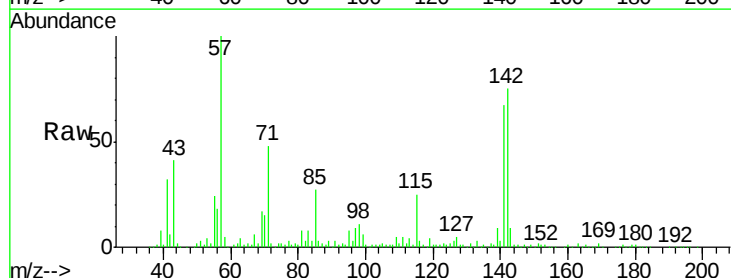
Tgt Ion:142 Resp: 413039

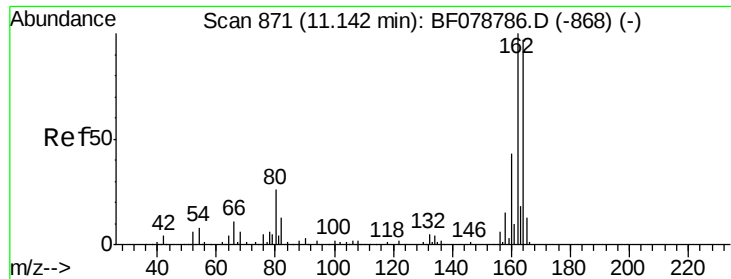
Ion Ratio Lower Upper

142 100

141 89.1 70.9 106.3

115 34.0 28.5 42.7

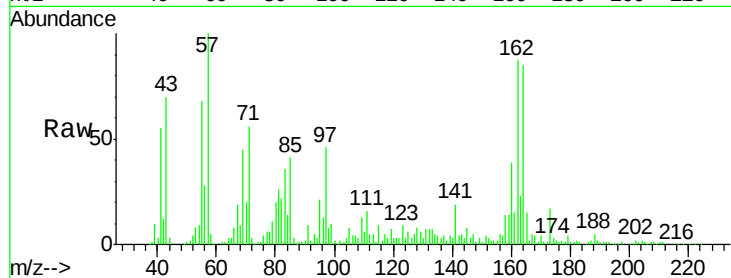




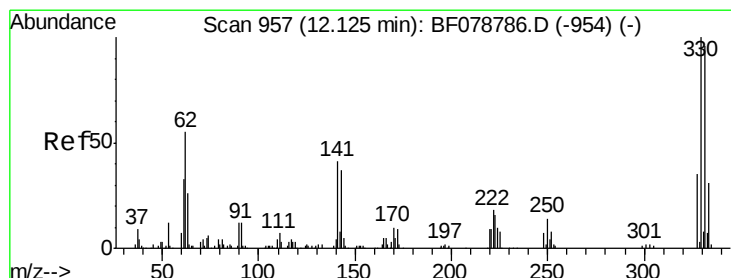
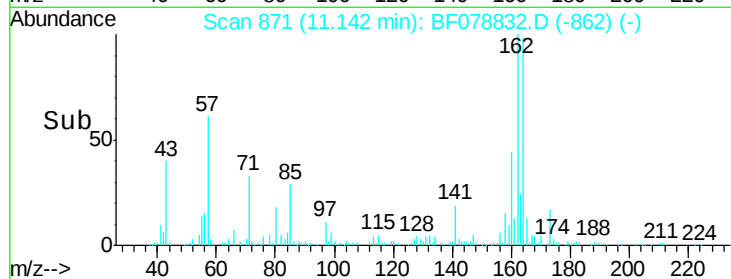
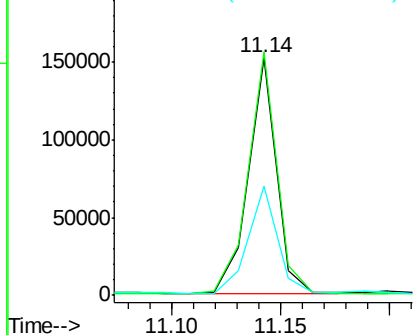
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.7	124.1
160	45.7	35.8	53.8

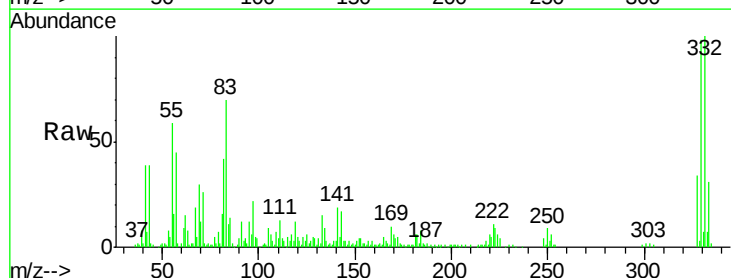


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

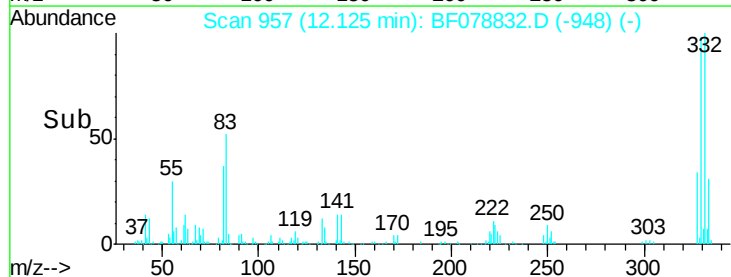
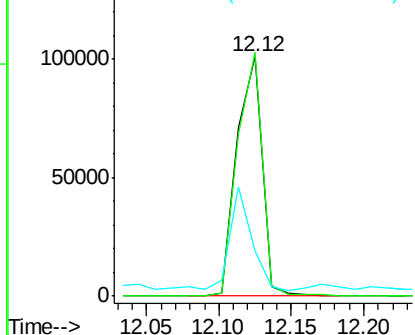


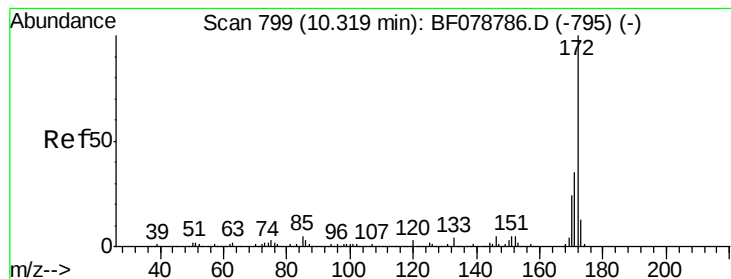
#41
 2,4,6-Tribromophenol
 Concen: 93.10 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	0.0	0.0#
141	38.3	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

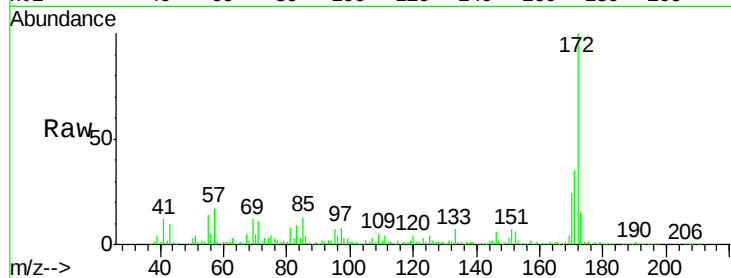




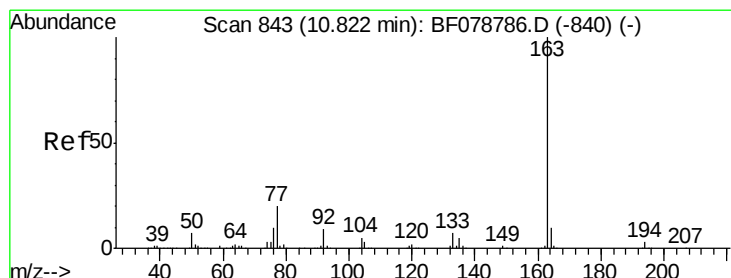
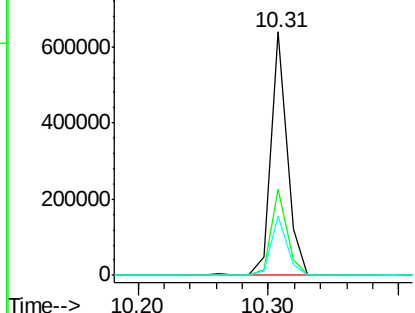
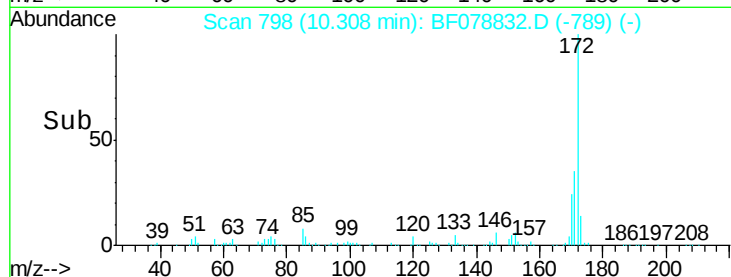
#44
2-Fluorobiphenyl
Concen: 56.74 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

Tot Ion:172 Resp: 560930
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 24.4 19.4 29.0

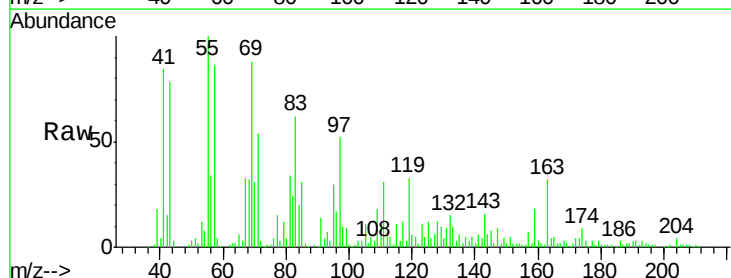


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

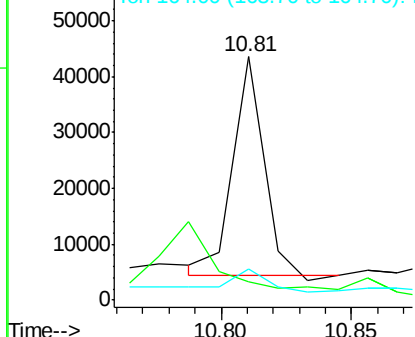
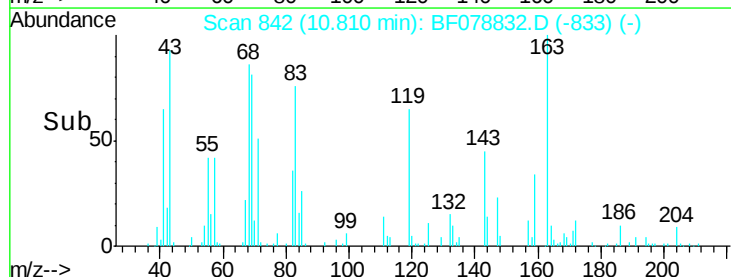


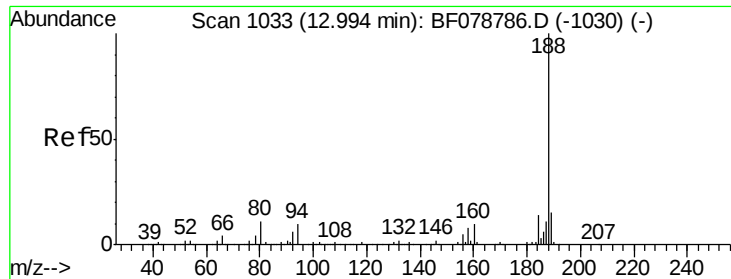
#49
Dimethylphthalate
Concen: 3.36 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion:163 Resp: 32382
Ion Ratio Lower Upper
163 100
194 7.5 2.6 4.0#
164 13.0 8.1 12.1#



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: 12.98 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

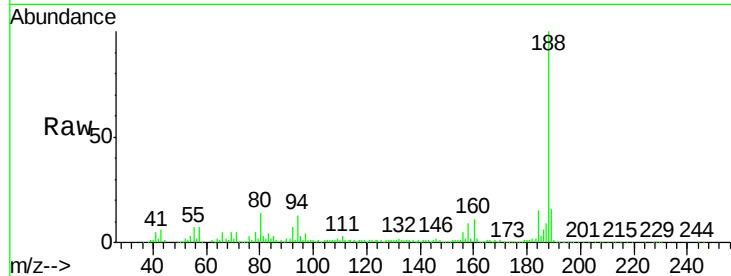
Tot Ion:188 Resp: 265783

Ion Ratio Lower Upper

188 100

94 12.9 8.2 12.2#

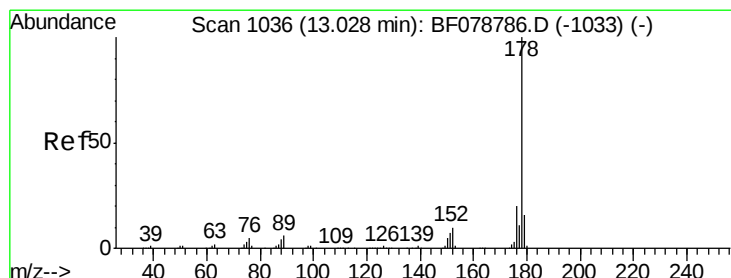
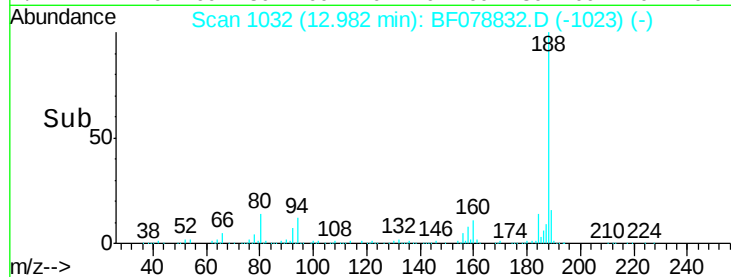
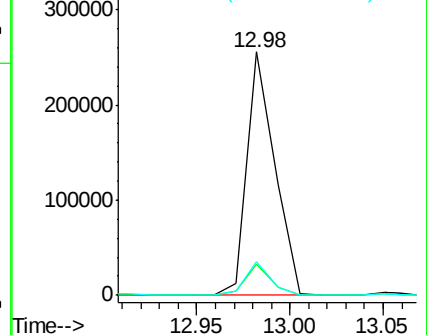
80 14.0 8.9 13.3#



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: 3.10 ng

RT: 13.02 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

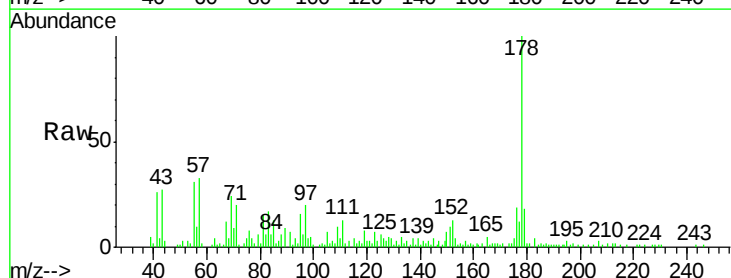
Tgt Ion:178 Resp: 44643

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

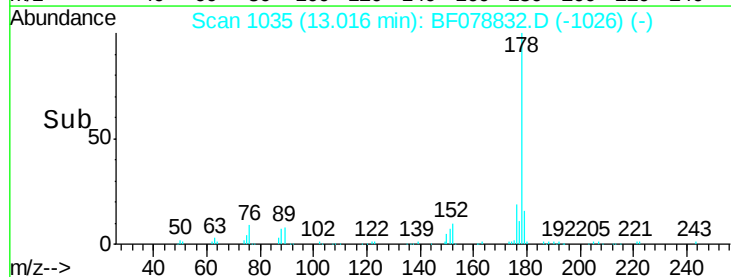
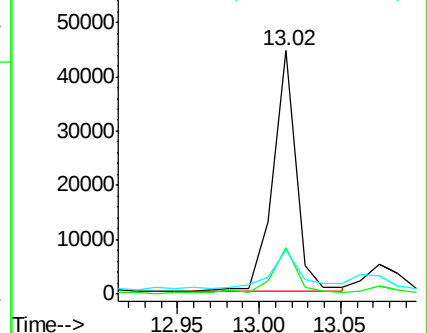
179 17.8 12.5 18.7

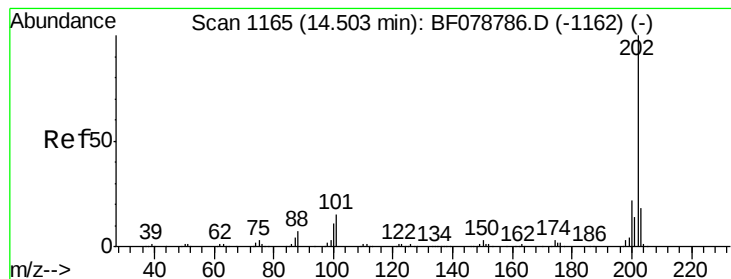


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.47 ng

RT: 14.49 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

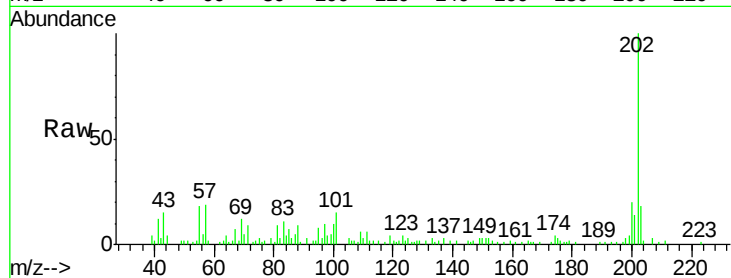
Instrument :

BNA_F

ClientSampleId :

SB-19(40-45)

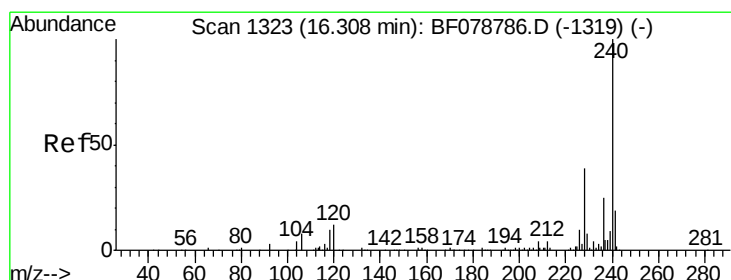
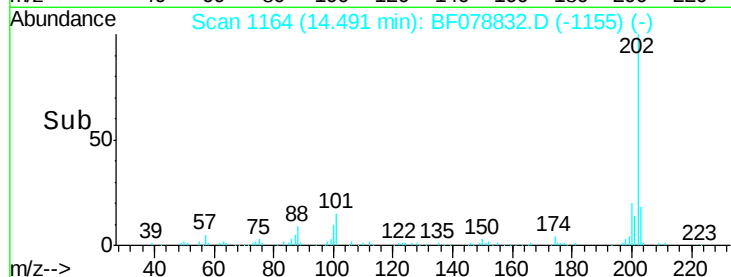
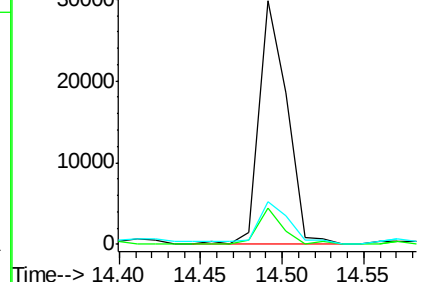
Tot Ion:	202	Resp:	35485
Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.6
203	17.8	0.0	38.4



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



#75

Chrysene-d12

Concen: 20.00 ng

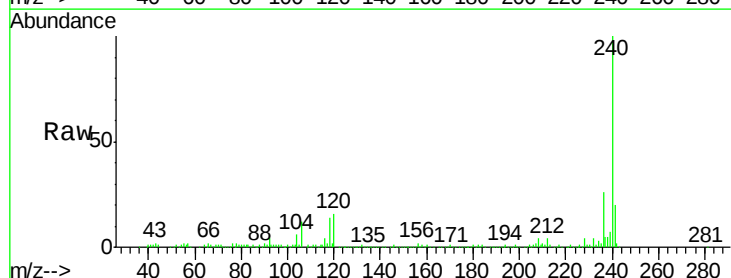
RT: 16.27 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF078832.D

Acq: 30 Apr 2015 2:18

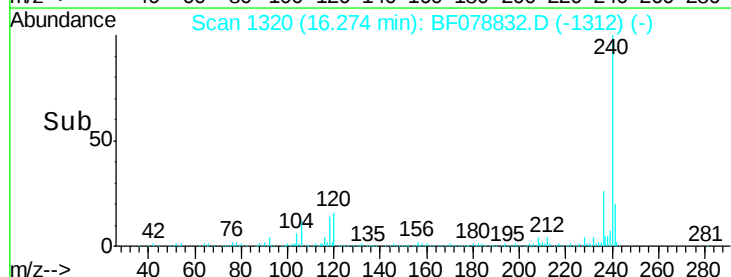
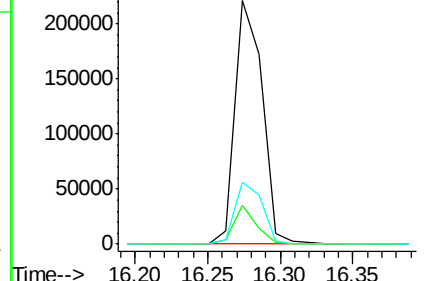
Tgt Ion:	240	Resp:	288471
Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.7	14.5#
236	25.6	20.2	30.4

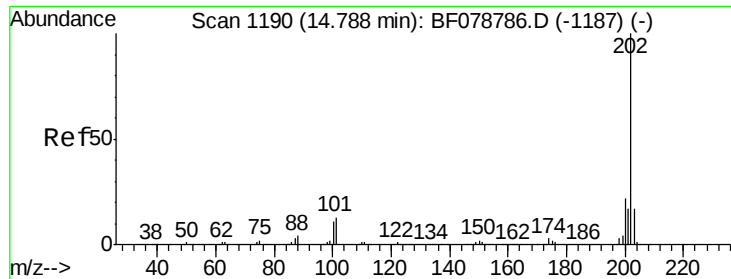


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

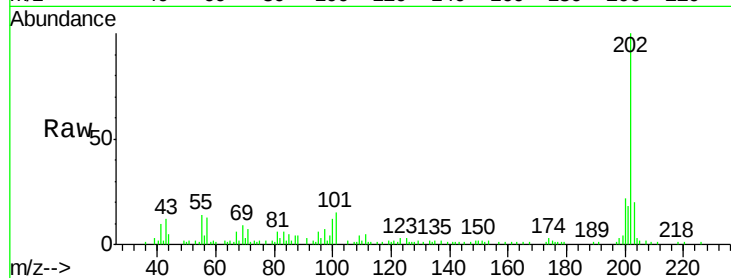




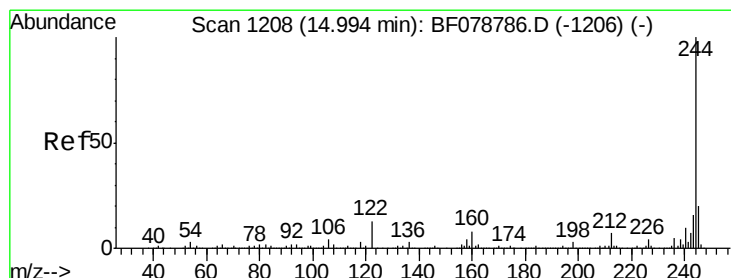
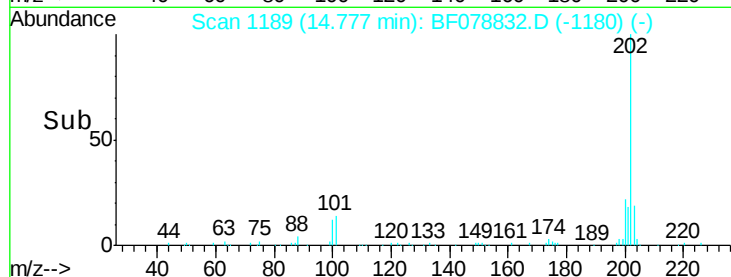
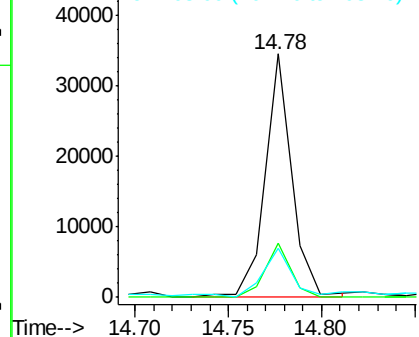
#77
Pvrene
Concen: 2.02 ng
RT: 14.78 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Instrument :
BNA_F
ClientSampleId :
SB-19(40-45)

Tot Ion:	202	Resp:	34049
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	20.1	13.9	20.9

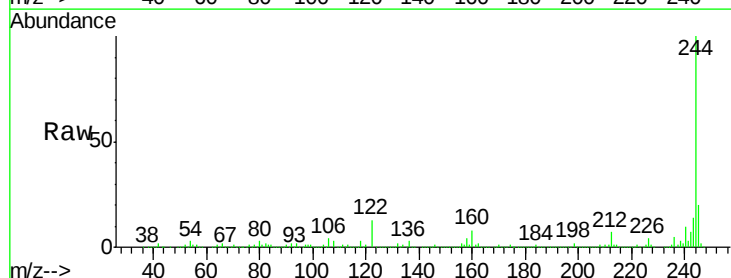


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

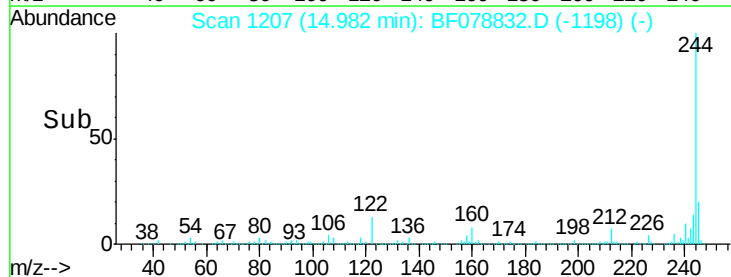
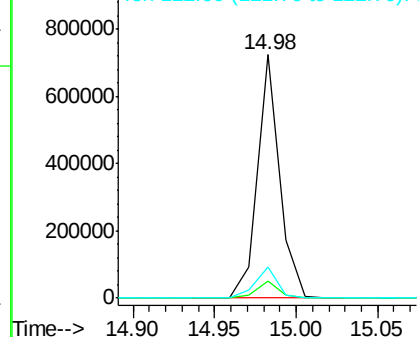


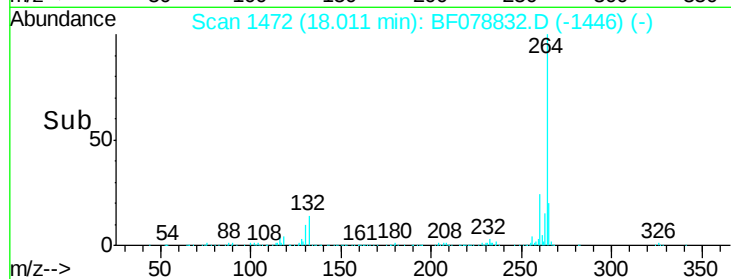
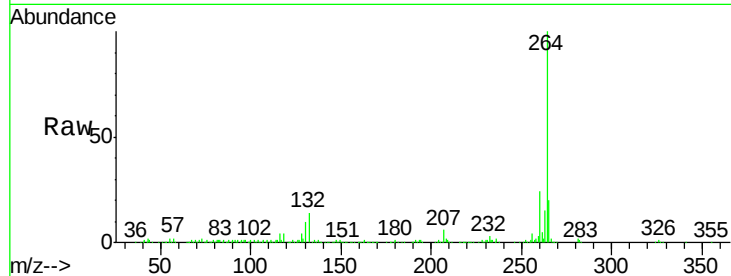
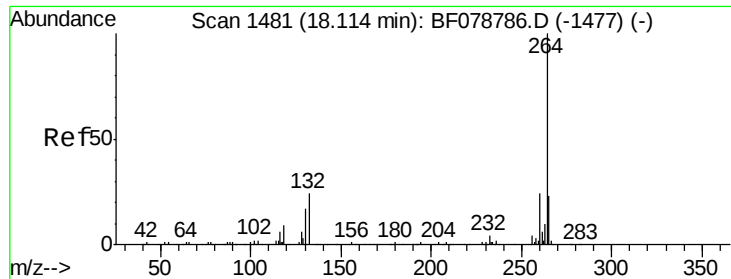
#78
Terphenyl-d14
Concen: 56.60 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF078832.D
Acq: 30 Apr 2015 2:18

Tgt Ion:	244	Resp:	685614
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	13.0	10.3	15.5



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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.00 min
 Lab File: BF078832.D
 Acq: 30 Apr 2015 2:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(40-45)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	20.3	18.3	27.5

