

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078289.D
 Acq On : 7 Apr 2015 7:59
 Operator : TP/IZ
 Sample : G1779-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)

Quant Time: Apr 07 07:36:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:11:17 2015
 Response via : Initial Calibration

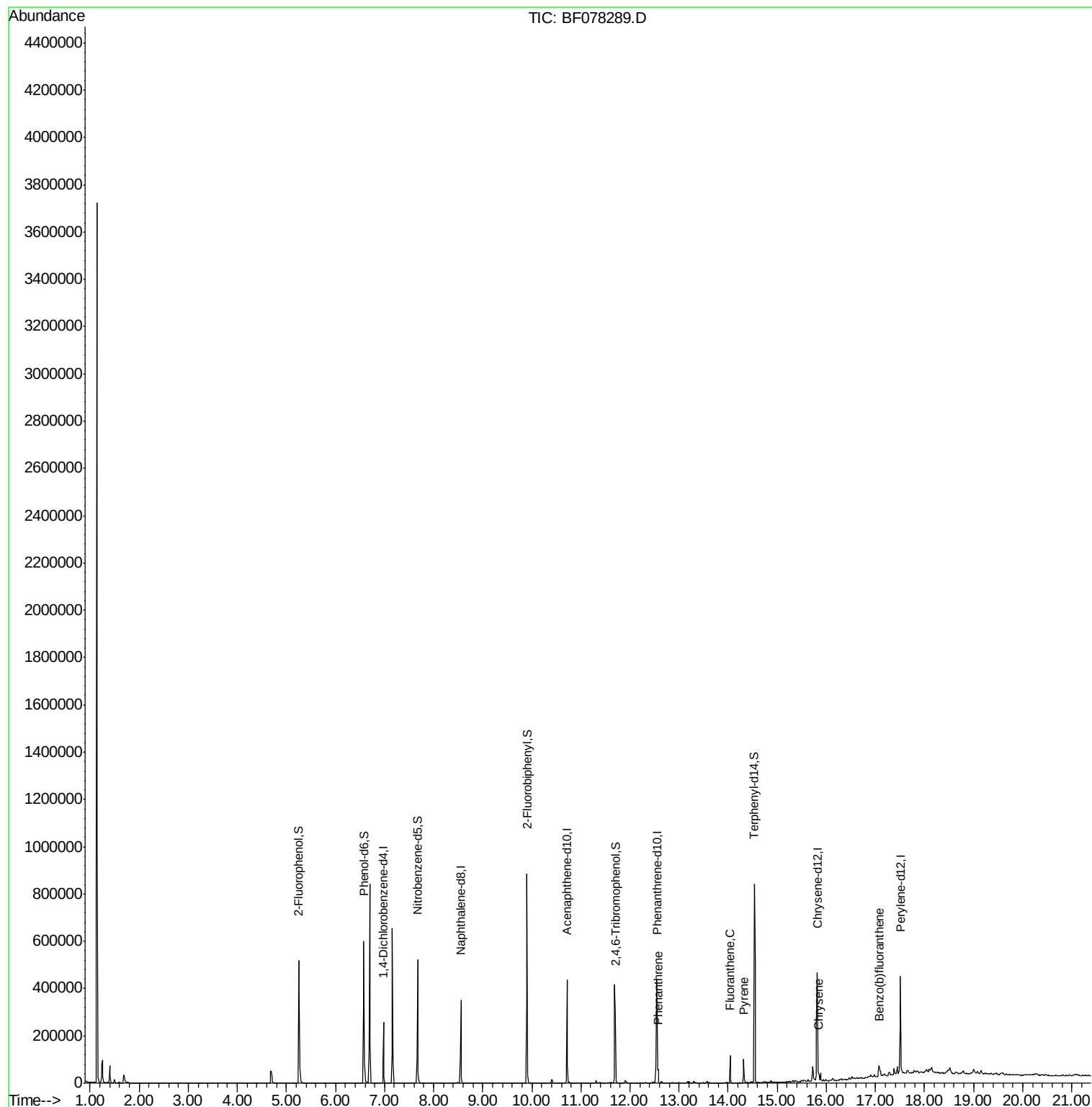
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	44063	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	176064	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	89205	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	172143	20.00	ng	0.00
75) Chrysene-d12	15.81	240	180818	20.00	ng	0.00
86) Perylene-d12	17.51	264	182269	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	215948	80.80	ng	0.00
7) Phenol-d6	6.58	99	279604	83.48	ng	0.00
23) Nitrobenzene-d5	7.68	82	163993	56.46	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	65217	88.15	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	319712	51.23	ng	0.00
78) Terphenyl-d14	14.53	244	355533	44.43	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	12.58	178	35279	3.54	ng	99
74) Fluoranthene	14.04	202	53044	5.05	ng	94
77) Pyrene	14.32	202	42368	3.73	ng	96
82) Chrysene	15.85	228	21279	2.11	ng	97
87) Benzo(b)fluoranthene	17.07	252	26098m	2.32	ng	

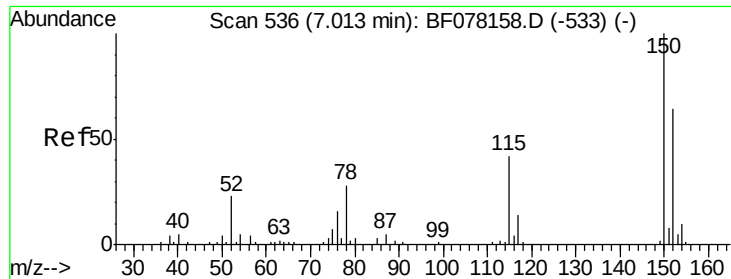
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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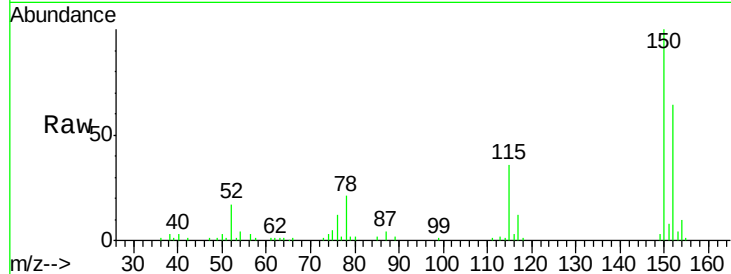


#1

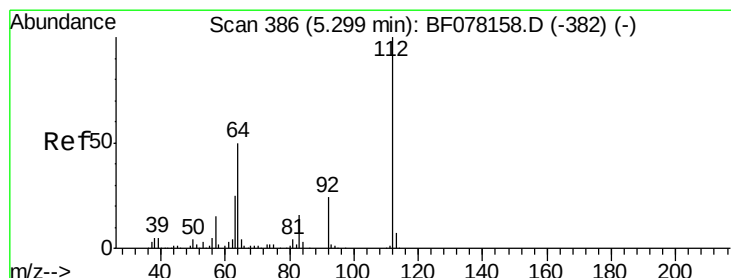
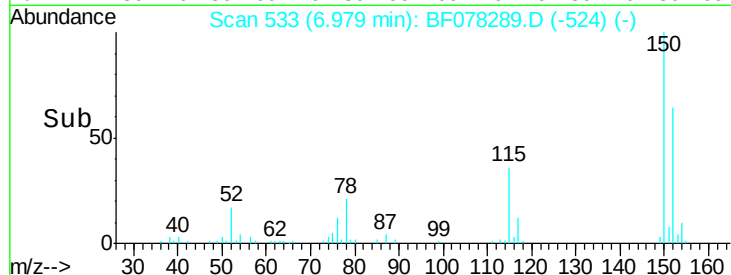
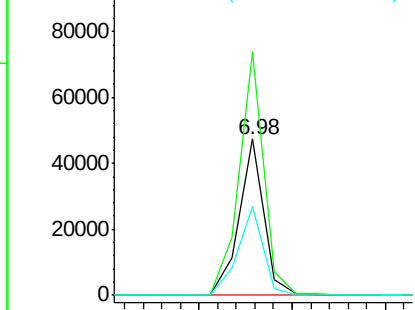
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078289.D
Acq: 7 Apr 2015 7:59

Instrument :
BNA_F
ClientSampleId :
SB-6(8-10)

Tot Ion:152 Resp: 44063
Ion Ratio Lower Upper
152 100
150 156.1 125.9 188.9
115 56.7 52.7 79.1



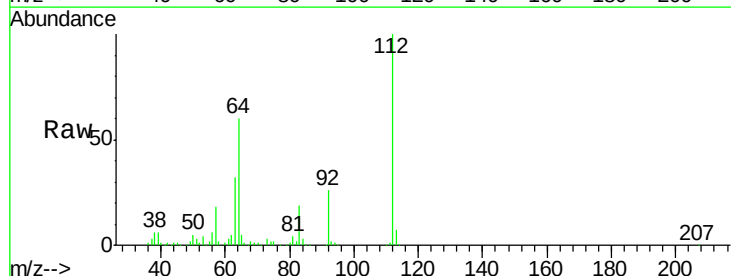
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



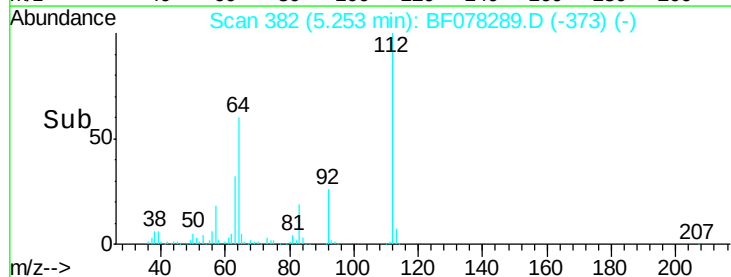
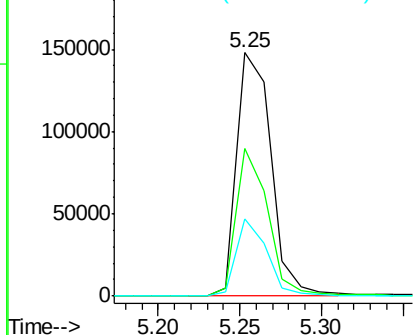
#5

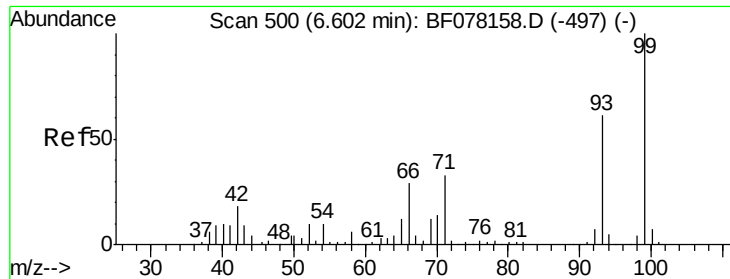
2-Fluorophenol
Concen: 80.80 ng
RT: 5.25 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF078289.D
Acq: 7 Apr 2015 7:59

Tgt Ion:112 Resp: 215948
Ion Ratio Lower Upper
112 100
64 60.5 39.9 59.9#
63 31.9 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: 83.48 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078289.D

Acq: 7 Apr 2015 7:59

Instrument :

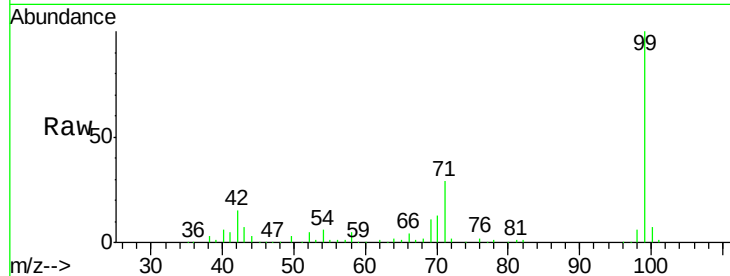
BNA_F

ClientSampleId :

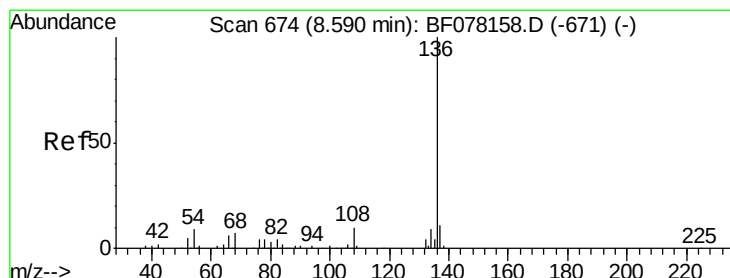
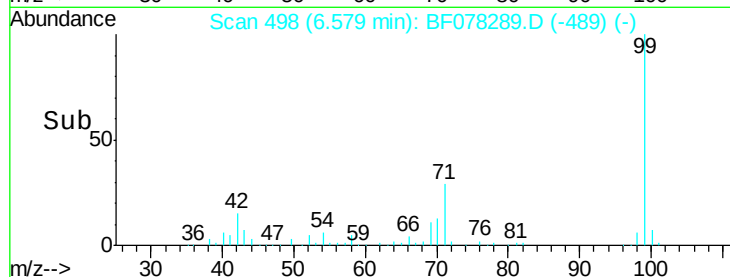
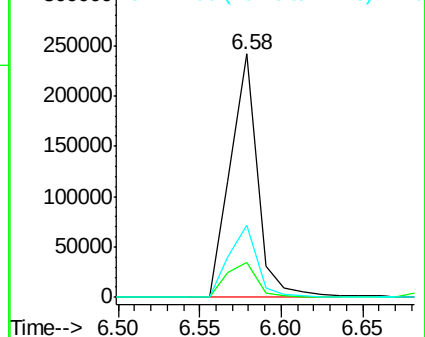
SB-6(8-10)

Tot Ion: 99 Resp: 279604

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.8	22.2#
71	29.4	26.6	39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

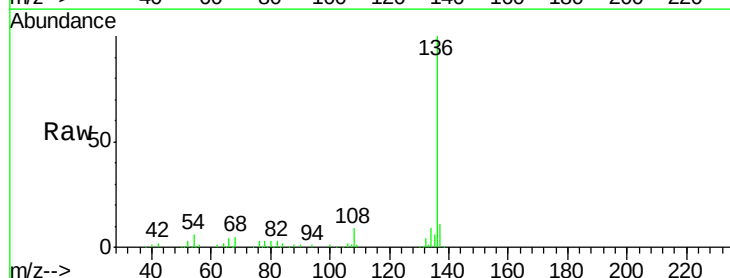
Delta R.T. 0.00 min

Lab File: BF078289.D

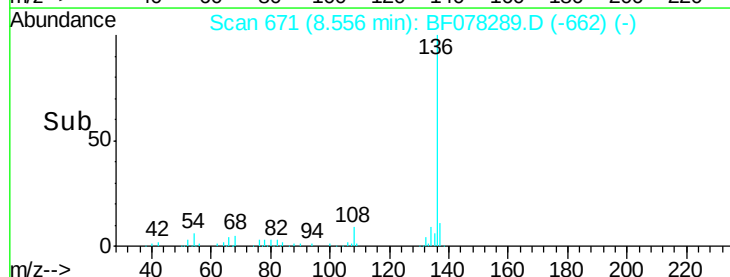
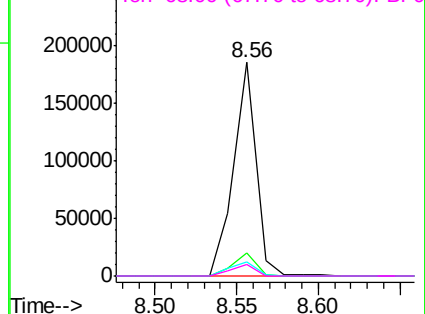
Acq: 7 Apr 2015 7:59

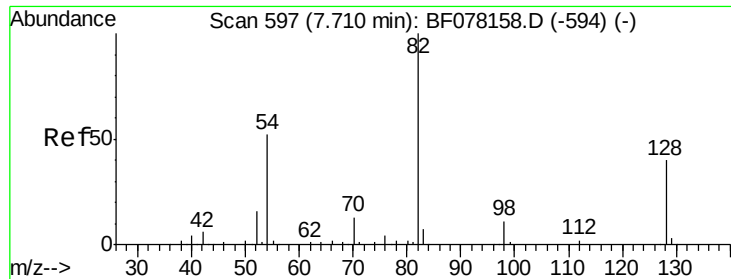
Tgt Ion: 136 Resp: 176064

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.5	7.0	10.6#
68	5.2	5.4	8.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

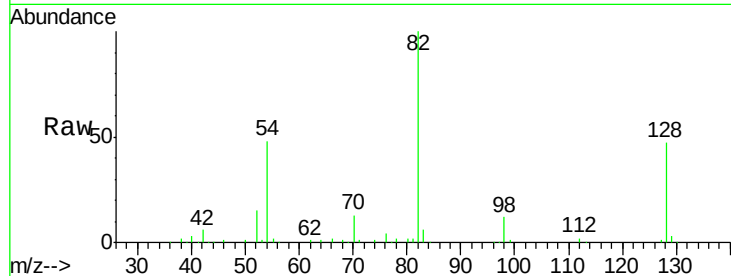




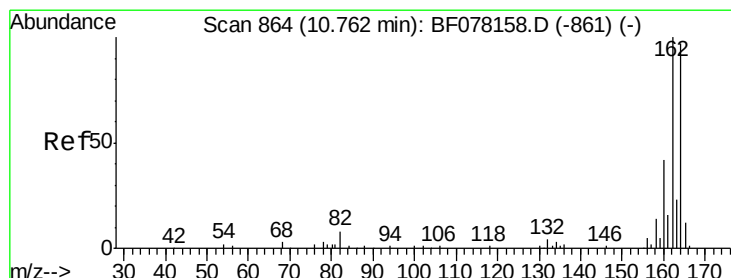
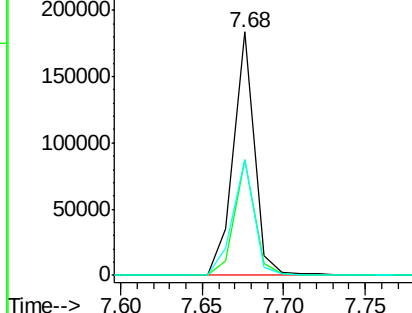
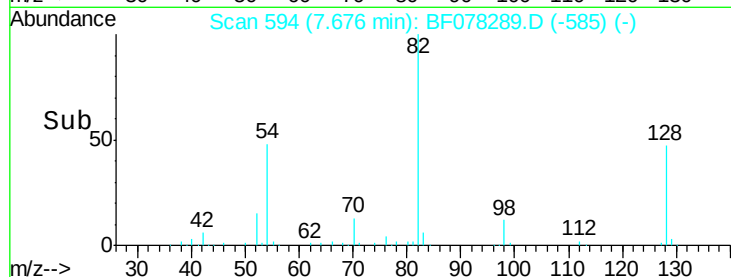
#23
 Nitrobenzene-d5
 Concen: 56.46 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078289.D
 Acq: 7 Apr 2015 7:59

Instrument :
 BNA_F
 ClientSampleID :
 SB-6(8-10)

Tot Ion	82	Resp	163993
Ion Ratio	100	Lower	Upper
128	47.3	31.8	47.8
54	47.6	41.5	62.3

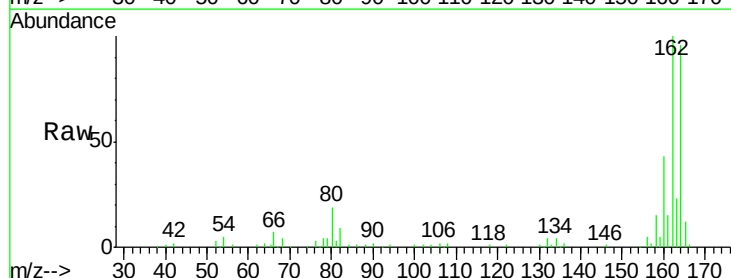


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

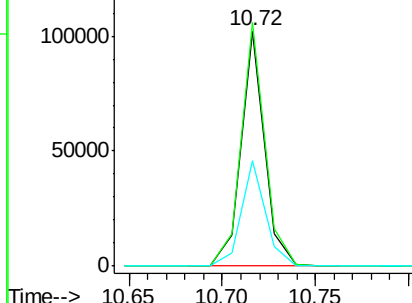
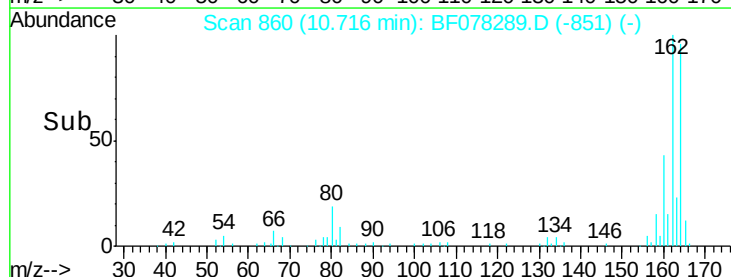


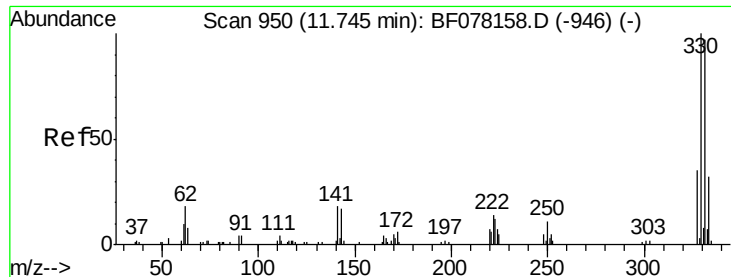
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078289.D
 Acq: 7 Apr 2015 7:59

Tgt Ion	164	Resp	89205
Ion Ratio	100	Lower	Upper
162	103.6	82.2	123.2
160	44.8	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

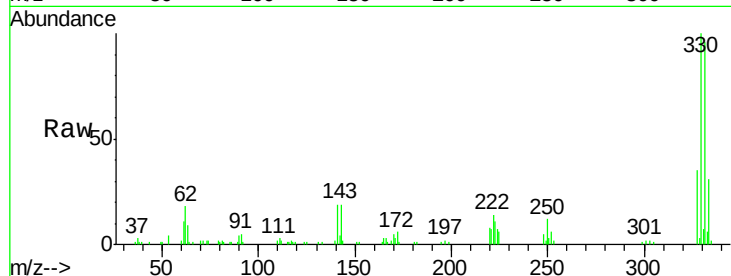




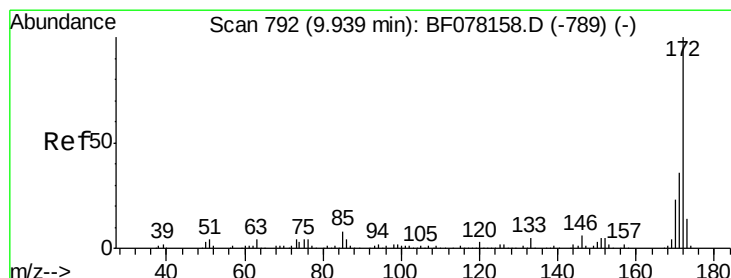
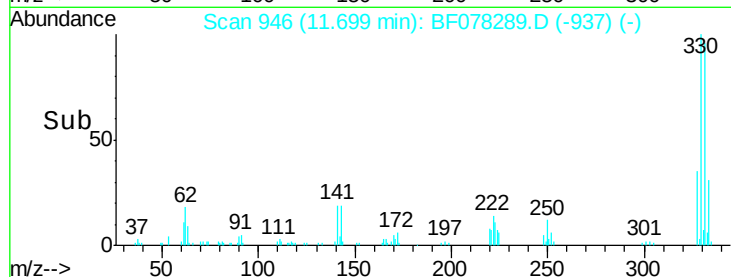
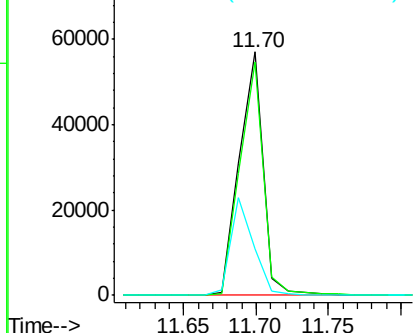
#41
 2,4,6-Tribromophenol
 Concen: 88.15 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078289.D
 Acq: 7 Apr 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.6	117.8
141	38.3	31.2	46.8

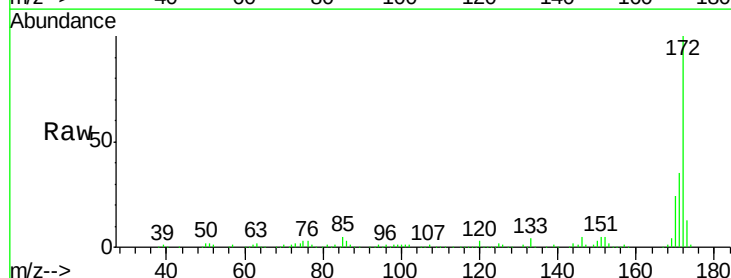


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

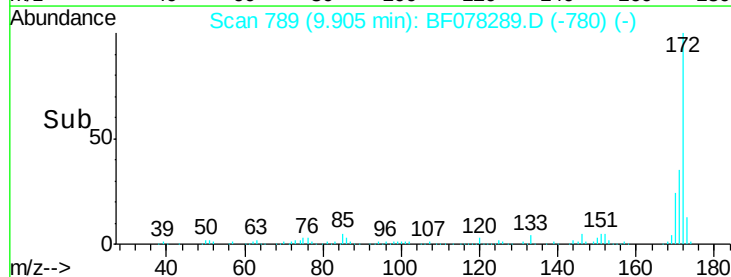
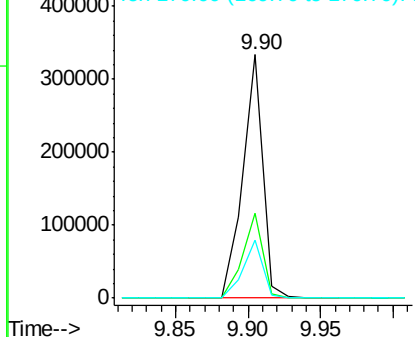


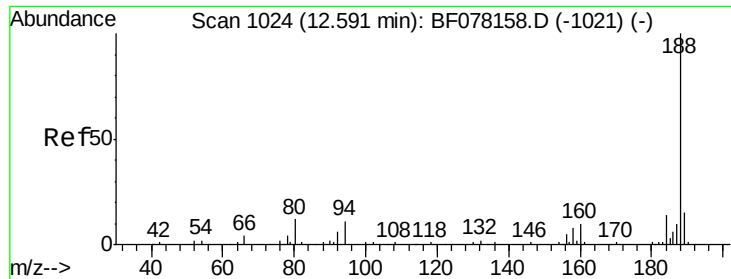
#44
 2-Fluorobiphenyl
 Concen: 51.23 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078289.D
 Acq: 7 Apr 2015 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.7	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

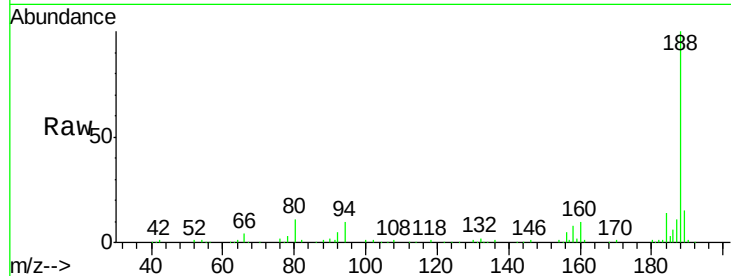




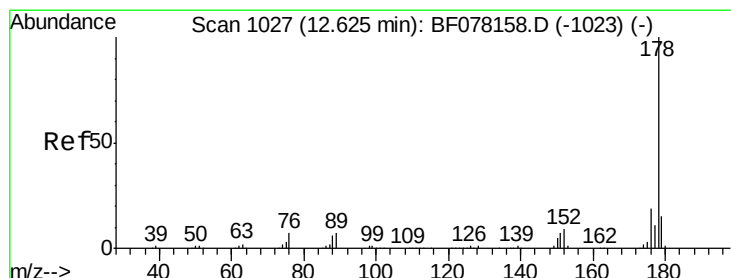
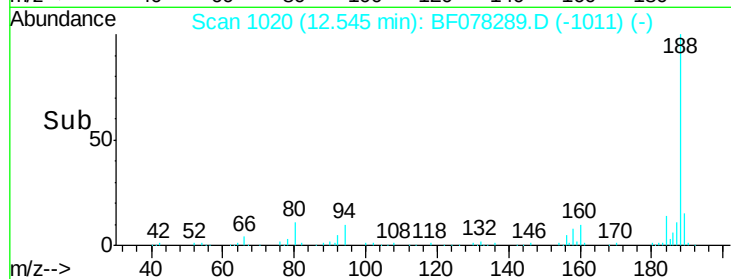
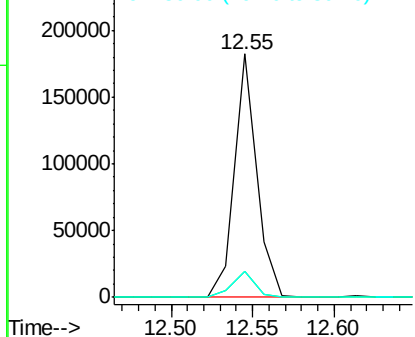
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF078289.D
Acq: 7 Apr 2015 7:59

Instrument :
BNA_F
ClientSampleId :
SB-6(8-10)

Tot Ion:188 Resp: 172143
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 10.8 9.5 14.3

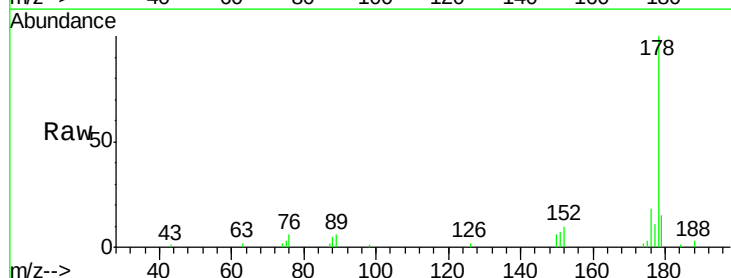


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

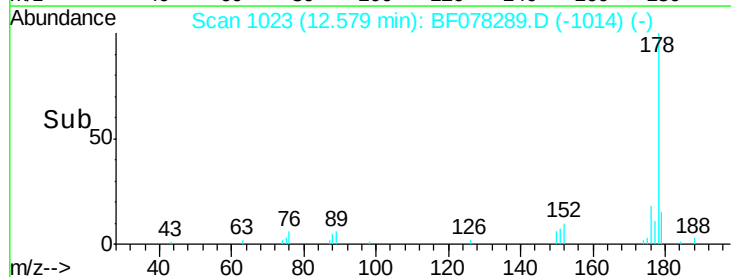
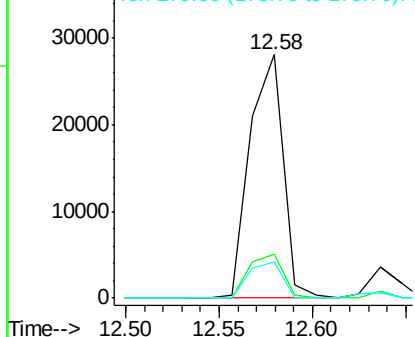


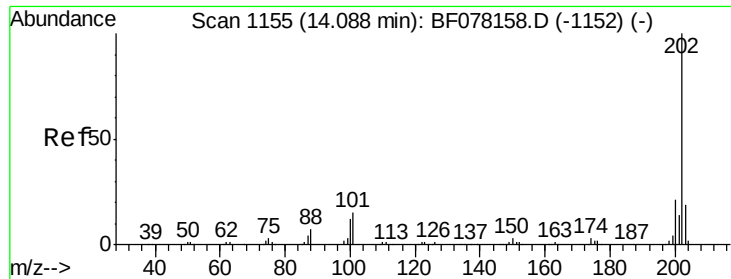
#70
Phenanthrene
Concen: 3.54 ng
RT: 12.58 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF078289.D
Acq: 7 Apr 2015 7:59

Tgt Ion:178 Resp: 35279
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 14.9 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

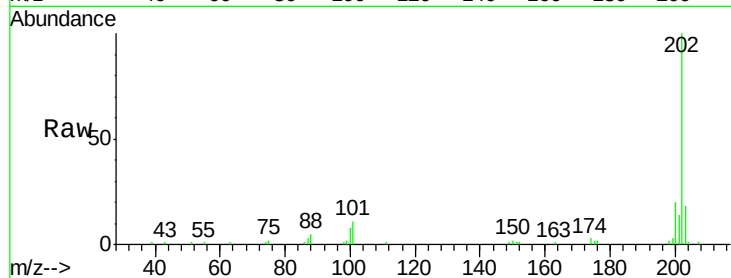




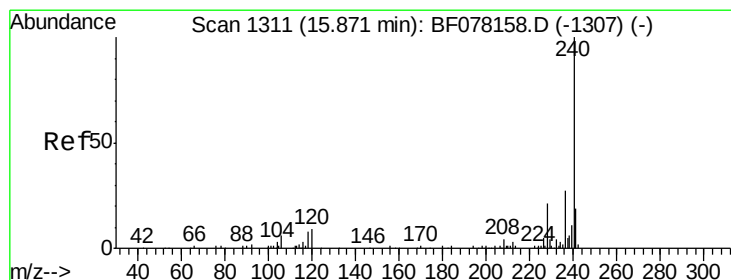
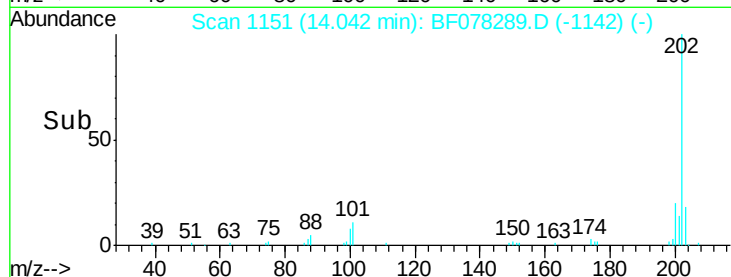
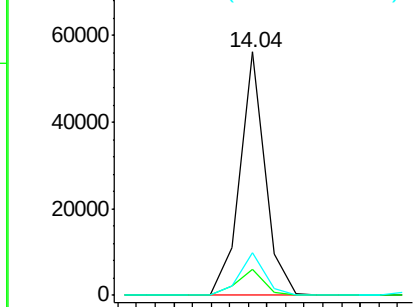
#74
Fluoranthene
Concen: 5.05 ng
RT: 14.04 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF078289.D
Acq: 7 Apr 2015 7:59

Instrument :
BNA_F
ClientSampleId :
SB-6(8-10)

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	35.2
203	17.6	0.0	38.5

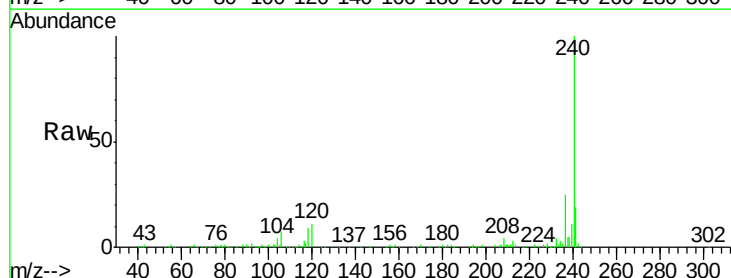


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

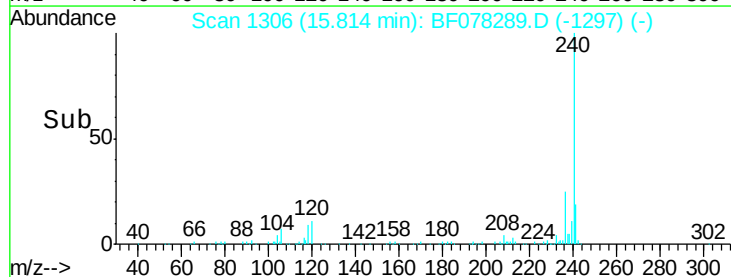
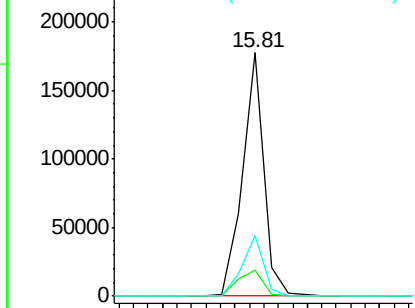


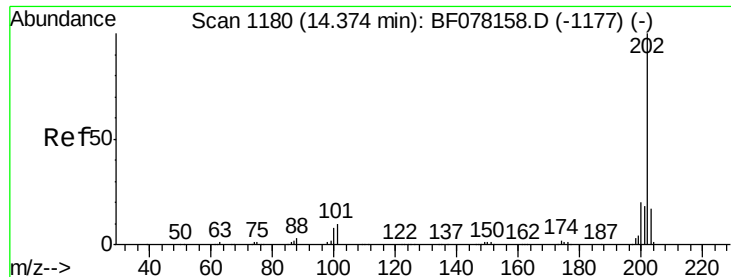
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF078289.D
Acq: 7 Apr 2015 7:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	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

Pvrene

Concen: 3.73 ng

RT: 14.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF078289.D

Acq: 7 Apr 2015 7:59

Instrument :

BNA_F

ClientSampleId :

SB-6(8-10)

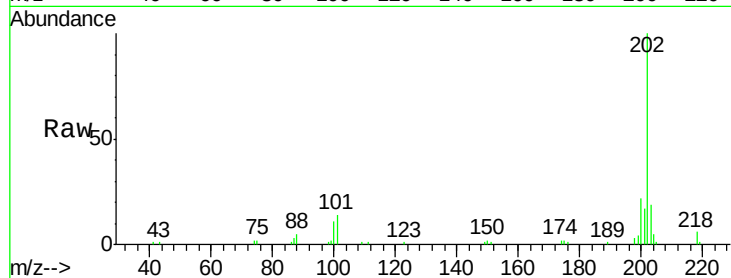
Tot Ion:202 Resp: 42368

Ion Ratio Lower Upper

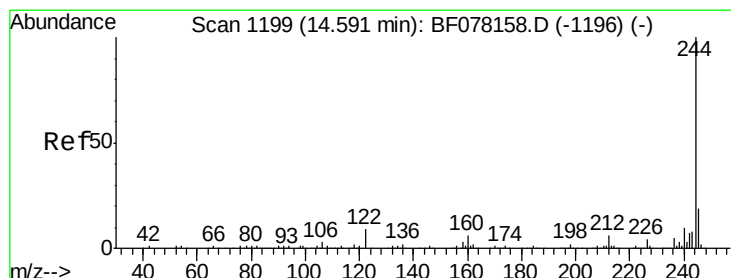
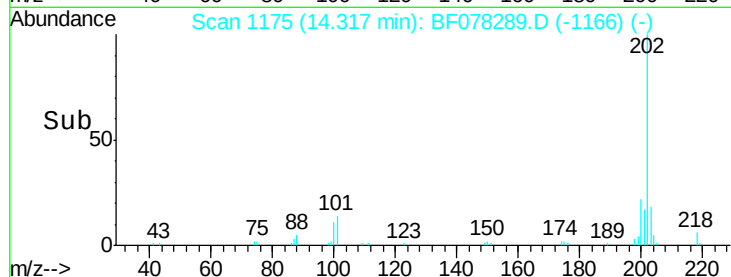
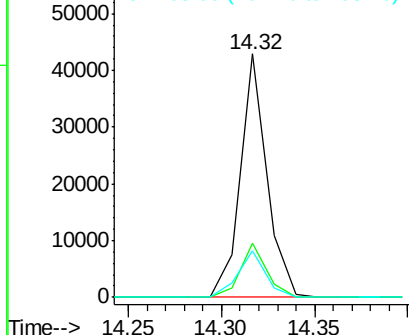
202 100

200 22.3 16.3 24.5

203 19.2 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: 44.43 ng

RT: 14.53 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF078289.D

Acq: 7 Apr 2015 7:59

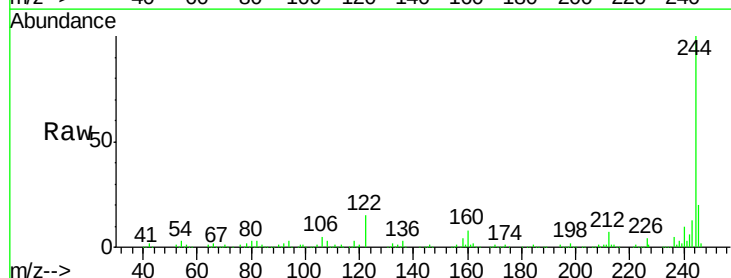
Tgt Ion:244 Resp: 355533

Ion Ratio Lower Upper

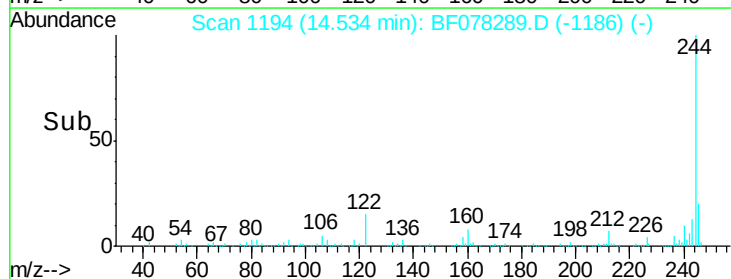
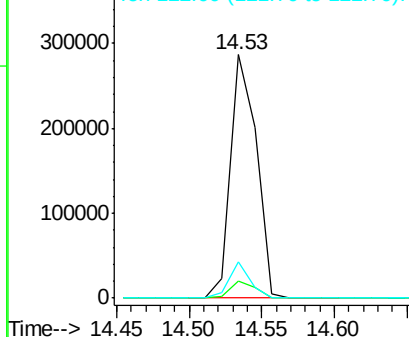
244 100

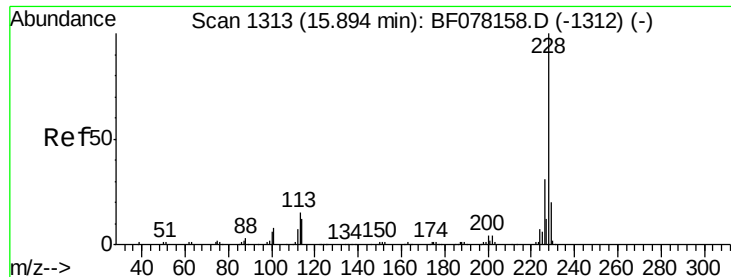
212 7.0 5.0 7.4

122 14.8 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.11 ng

RT: 15.85 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF078289.D

Acq: 7 Apr 2015 7:59

Instrument :

BNA_F

ClientSampleId :

SB-6(8-10)

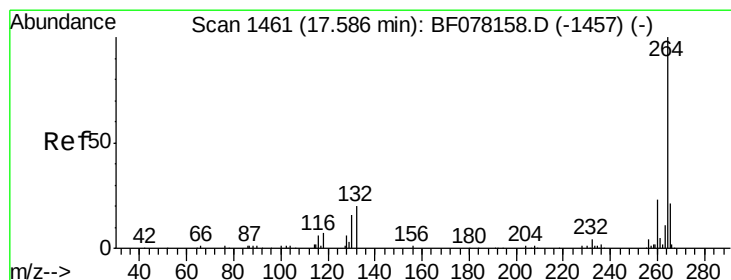
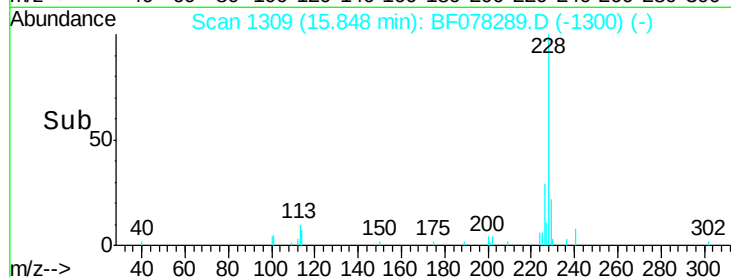
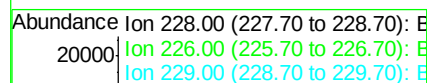
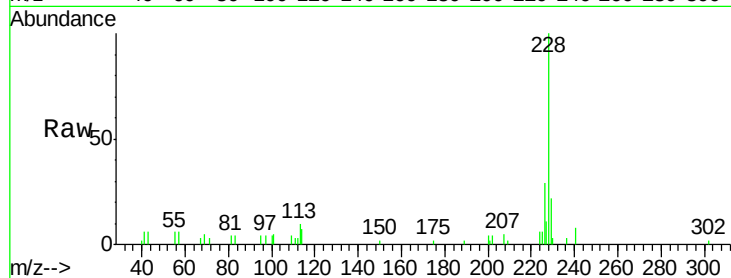
Tot Ion:228 Resp: 21279

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.4

229 21.7 15.8 23.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.51 min Scan# 1454

Delta R.T. 0.03 min

Lab File: BF078289.D

Acq: 7 Apr 2015 7:59

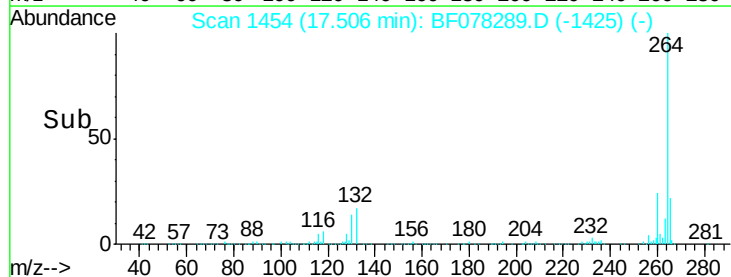
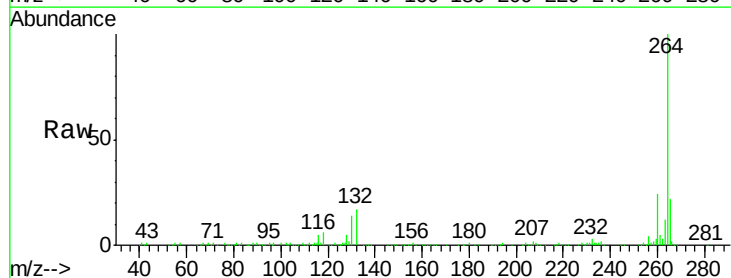
Tgt Ion:264 Resp: 182269

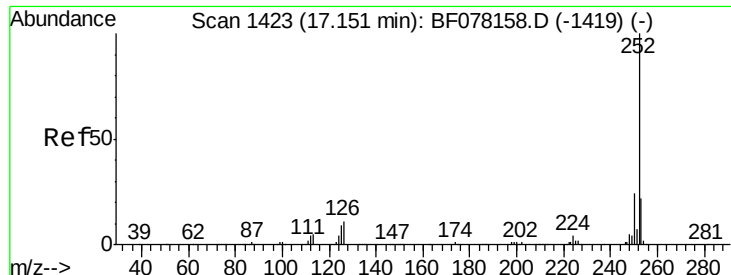
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.8 17.0 25.6





#87
 Benzo(b)fluoranthene
 Concen: 2.32 ng/ml
 RT: 17.07 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF078289.D
 Acq: 7 Apr 2015 7:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(8-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	14.6	7.0	10.4

