

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091800.D
 Acq On : 20 Dec 2016 3:43
 Operator : UM/SJ
 Sample : H6165-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SBW-1

Quant Time: Dec 20 06:11:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

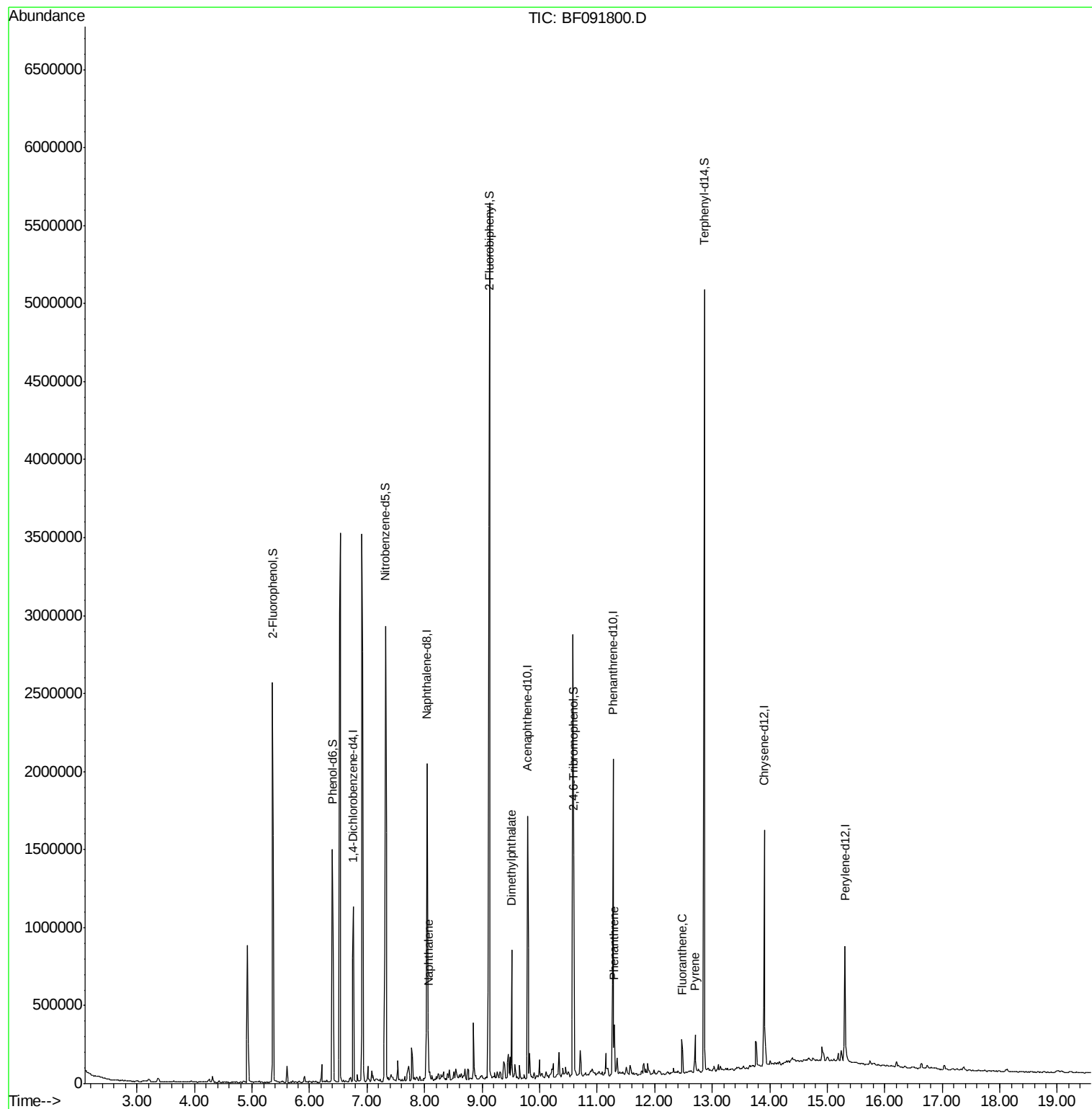
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	225764	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	902662	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	434449	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	751270	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	507286	20.00	ng	-0.02
86) Perylene-d12	15.31	264	431193	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	898748	66.70	ng	-0.01
7) Phenol-d6	6.40	99	637448	38.79	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1268445	81.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	422046	114.56	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2270982	105.02	ng	-0.01
78) Terphenyl-d14	12.86	244	1730184	86.12	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.06	128	100092	2.32	ng	99
49) Dimethylphthalate	9.52	163	306008	10.78	ng	100
70) Phenanthrene	11.30	178	126636	3.37	ng	96
74) Fluoranthene	12.48	202	112046	2.86	ng	97
77) Pyrene	12.70	202	100240	2.74	ng	99

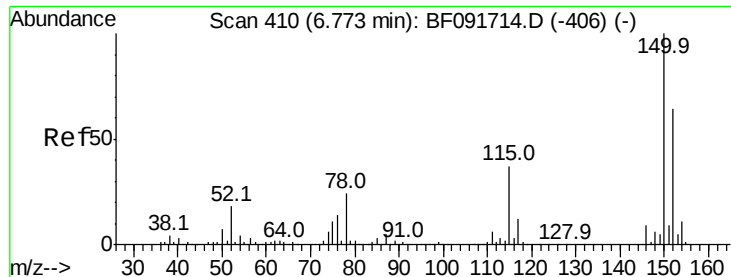
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091800.D
Acq On : 20 Dec 2016 3:43
Operator : UM/SJ
Sample : H6165-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SBW-1

Quant Time: Dec 20 06:11:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SBW-1

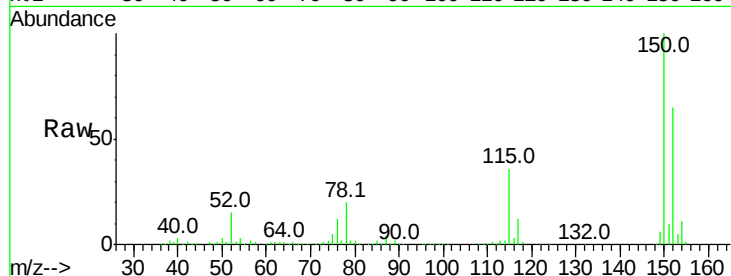
Tot Ion:152 Resp: 225764

Ion Ratio Lower Upper

152 100

150 153.2 124.9 187.3

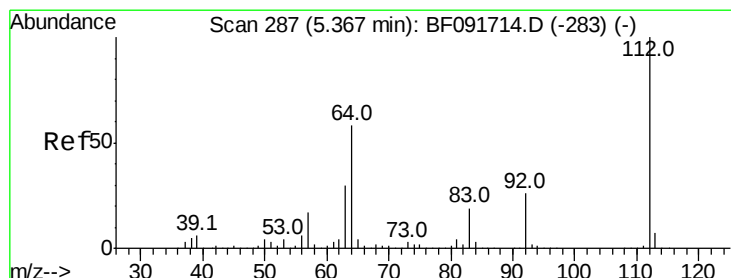
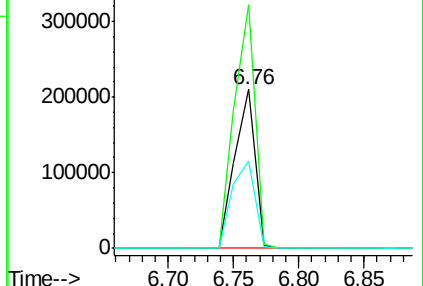
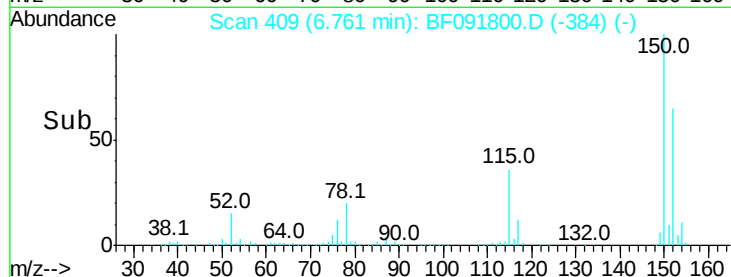
115 54.9 46.0 69.0



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: 66.70 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

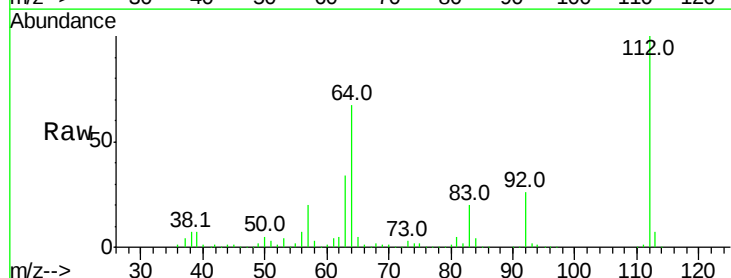
Tgt Ion:112 Resp: 898748

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

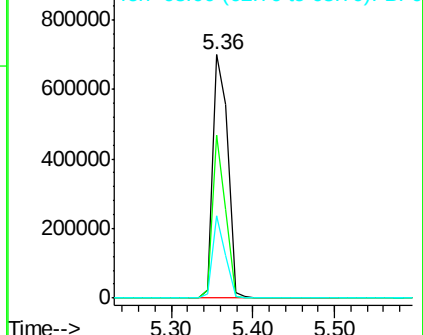
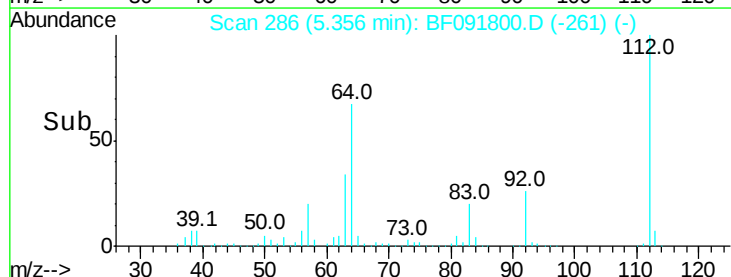
63 33.6 23.8 35.6

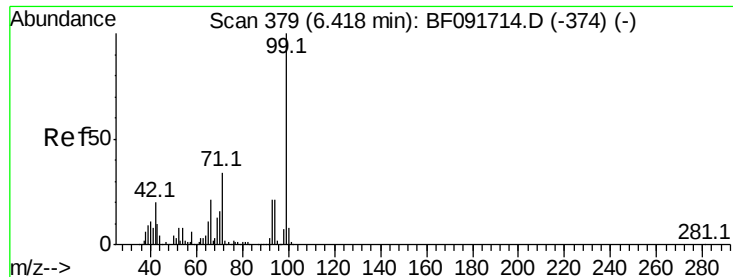


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.79 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SBW-1

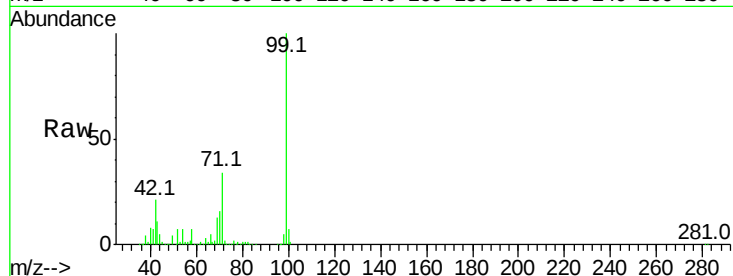
Tot Ion: 99 Resp: 637448

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

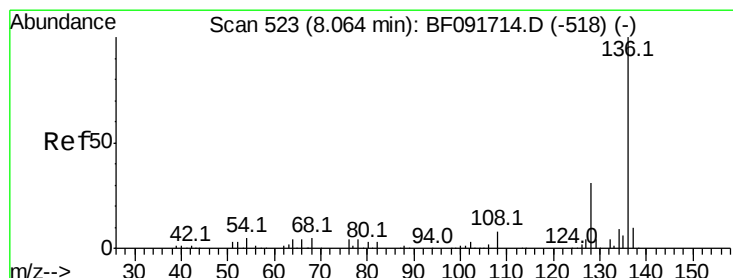
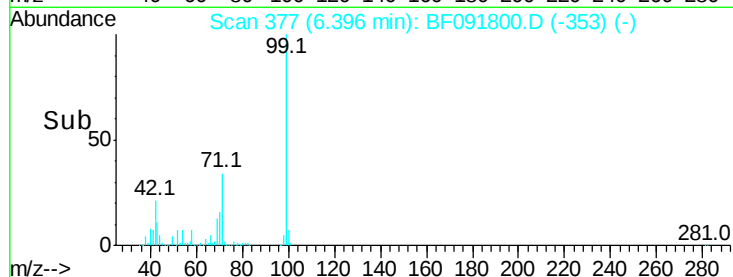
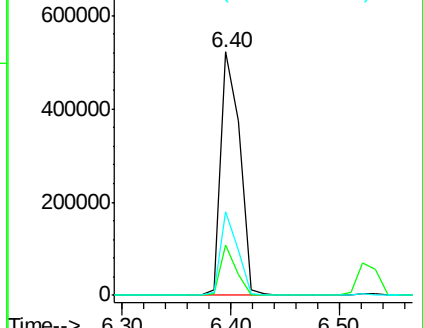
71 34.4 27.5 41.3



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: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

Tgt Ion: 136 Resp: 902662

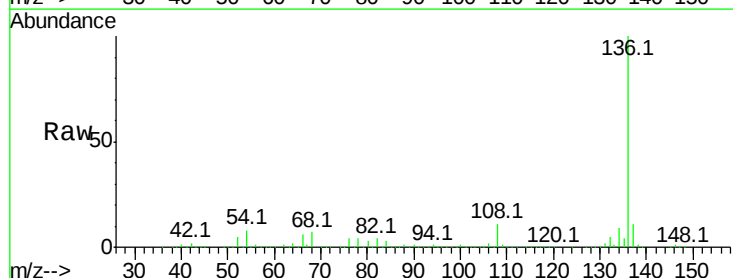
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.5 4.5 6.7#

68 6.8 3.6 5.4#

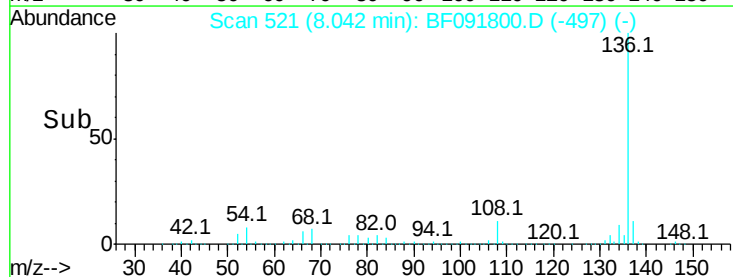
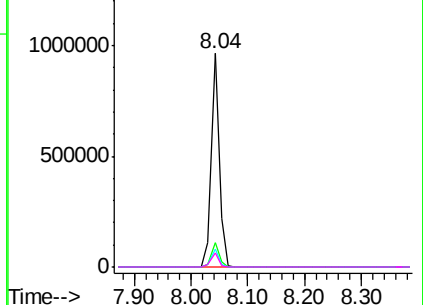


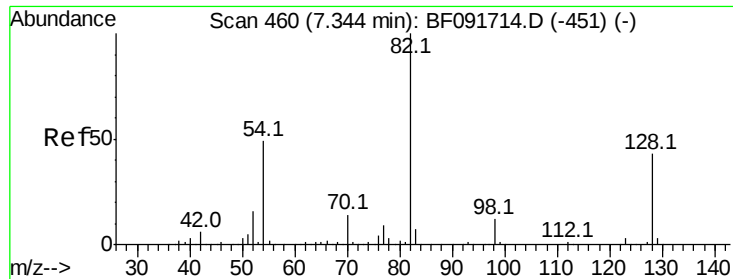
Abundance Ion 136.00 (135.70 to 136.70): E

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

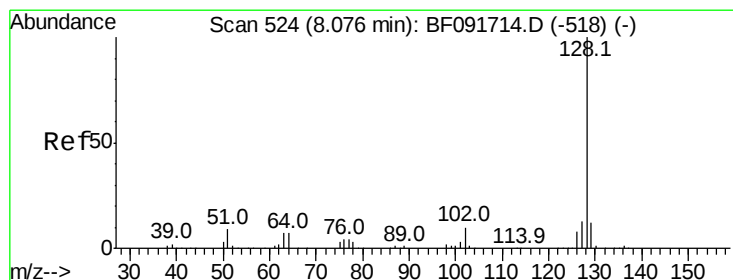
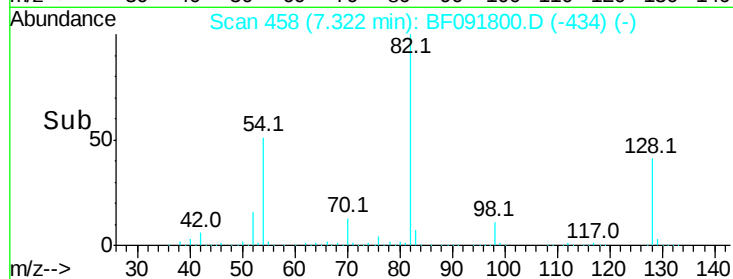
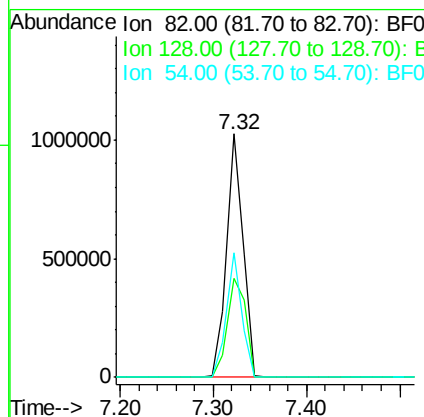
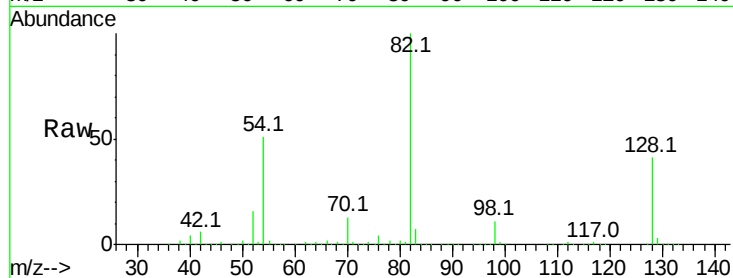




#23
Nitrobenzene-d5
Concen: 81.04 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

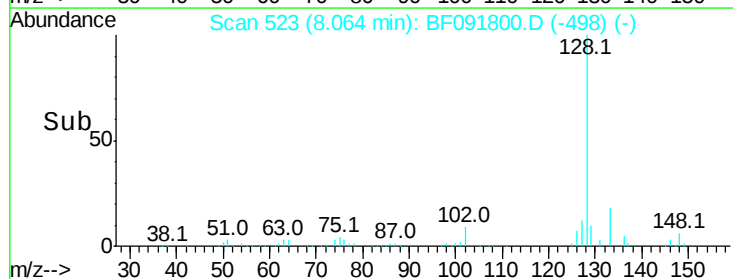
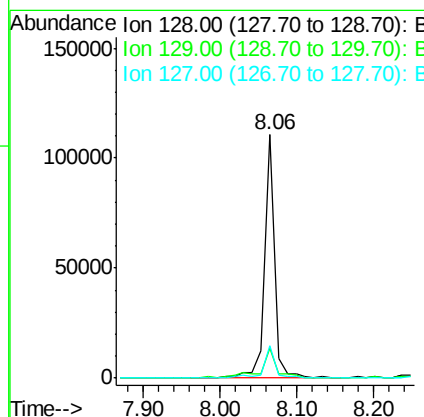
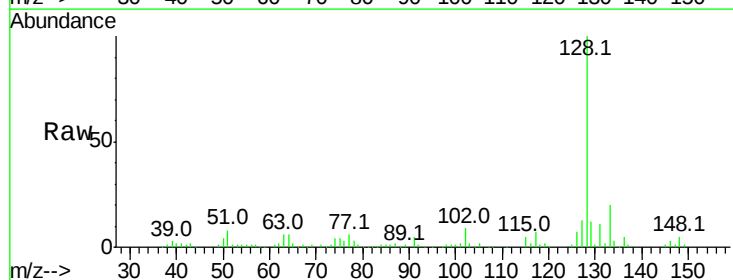
Instrument :
BNA_F
ClientSampleId :
SBW-1

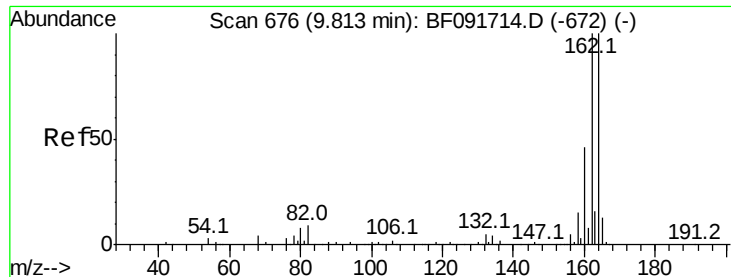
Tot Ion: 82 Resp: 1268445
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 51.0 39.5 59.3



#31
Naphthalene
Concen: 2.32 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion: 128 Resp: 100092
Ion Ratio Lower Upper
128 100
129 12.4 9.5 14.3
127 13.3 10.8 16.2

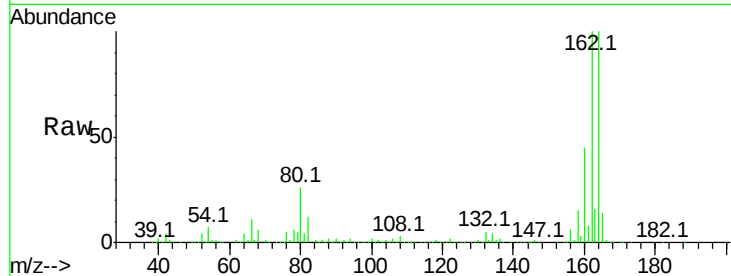




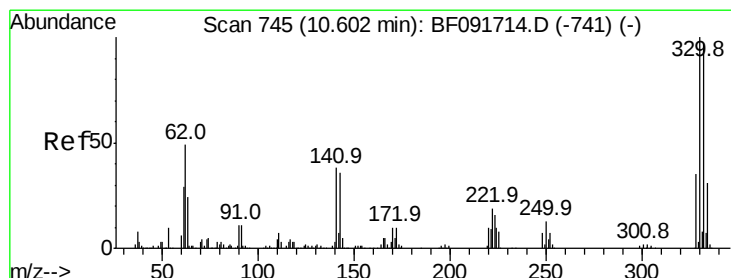
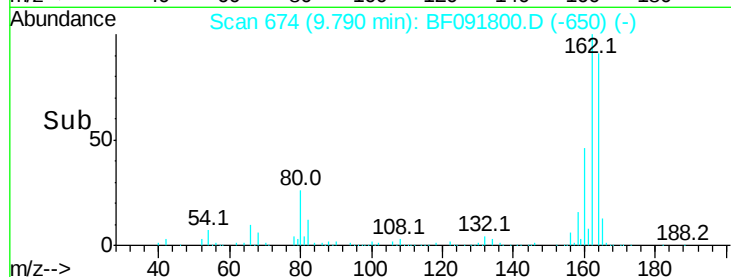
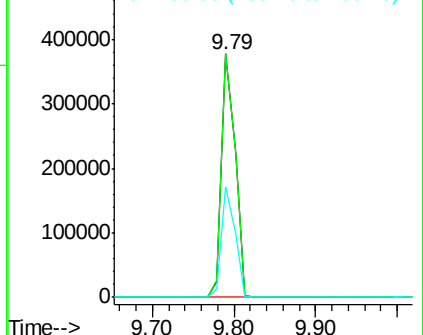
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampled :
SBW-1

Tot Ion:164 Resp: 434449
Ion Ratio Lower Upper
164 100
162 99.8 80.2 120.2
160 45.5 36.9 55.3

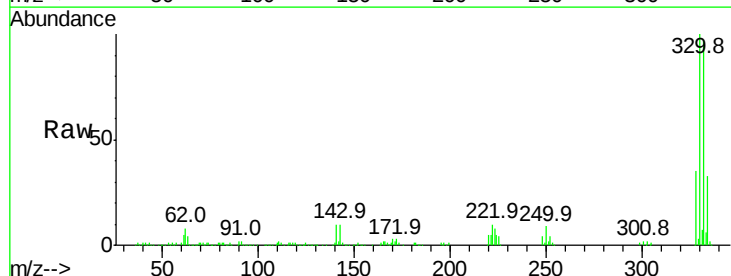


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

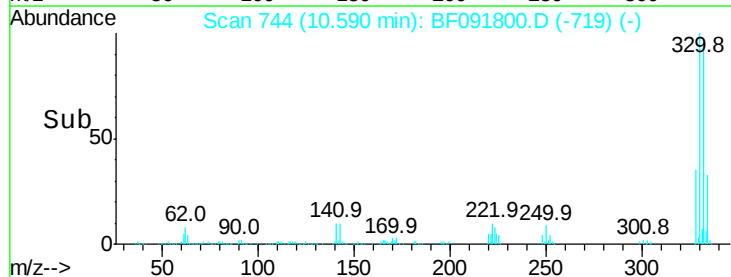
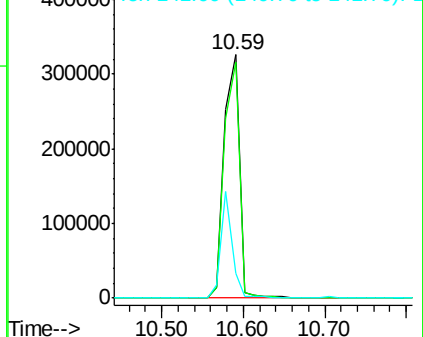


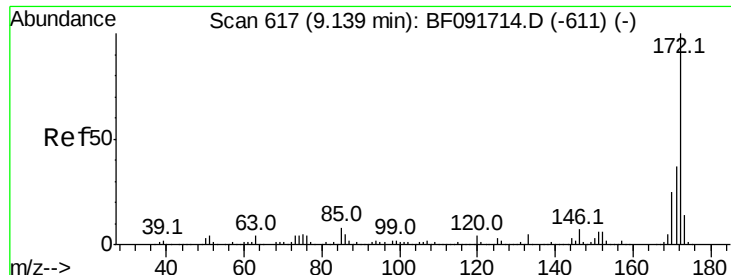
#41
2,4,6-Tribromophenol
Concen: 114.56 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:330 Resp: 422046
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 32.7 34.1 51.1#



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



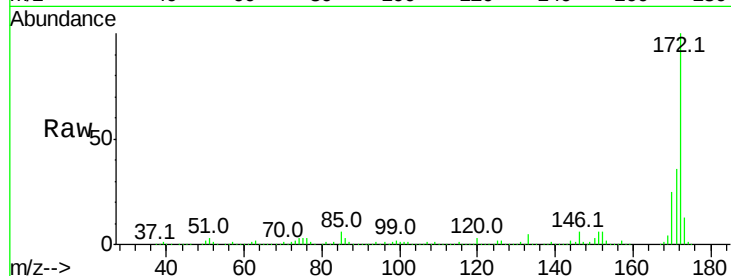


#44
 2-Fluorobiphenyl
 Concen: 105.02 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091800.D
 Acq: 20 Dec 2016 3:43

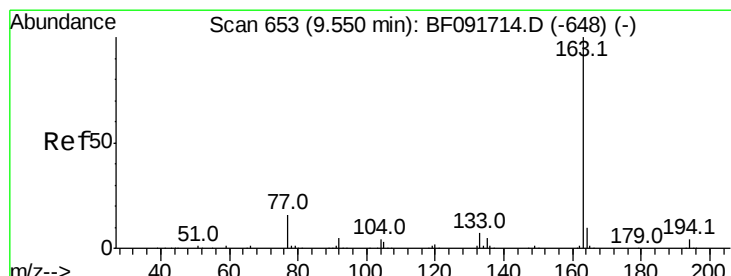
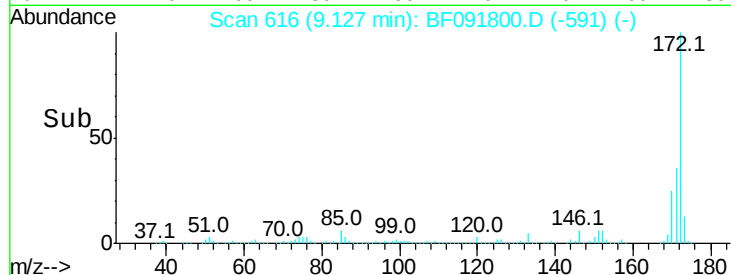
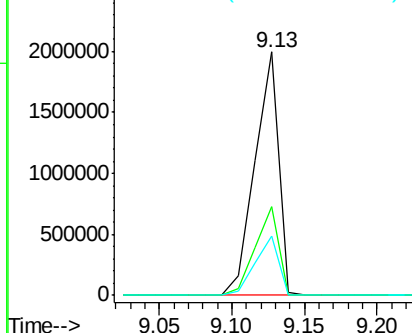
Instrument :
 BNA_F
 ClientSampleId :
 SBW-1

Tot Ion:172 Resp: 2270982

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4



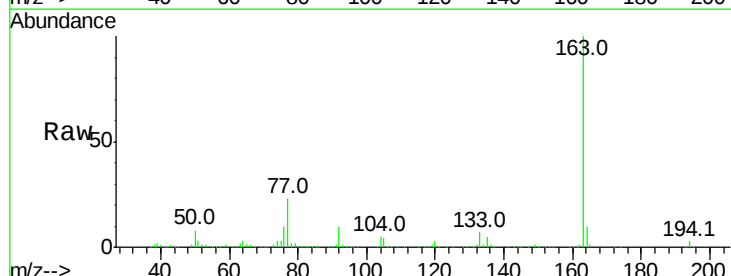
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



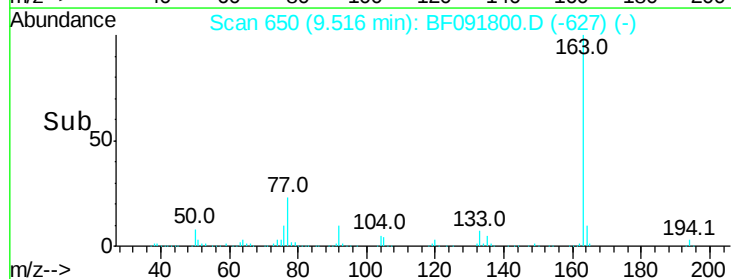
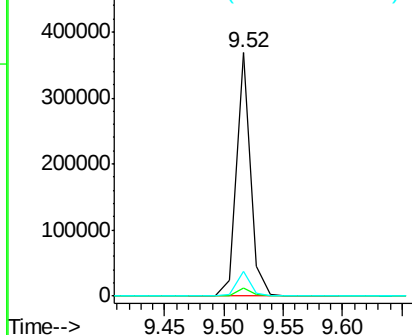
#49
 Dimethylphthalate
 Concen: 10.78 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091800.D
 Acq: 20 Dec 2016 3:43

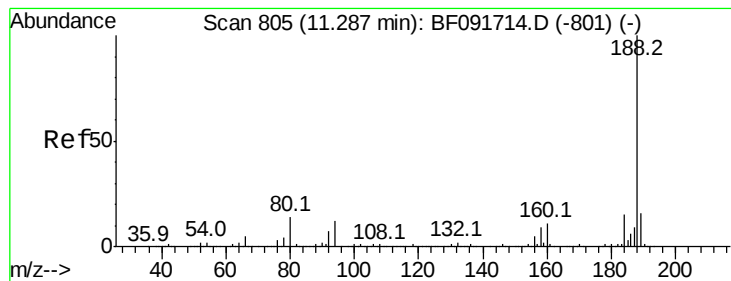
Tgt Ion:163 Resp: 306008

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.0	8.0	12.0



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: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

Instrument :

BNA_F

ClientSampled :

SBW-1

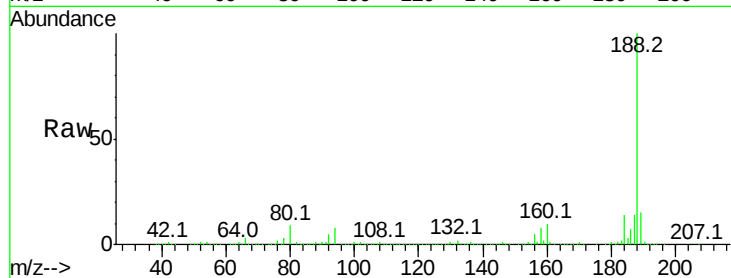
Tot Ion:188 Resp: 751270

Ion Ratio Lower Upper

188 100

94 8.4 10.0 15.0#

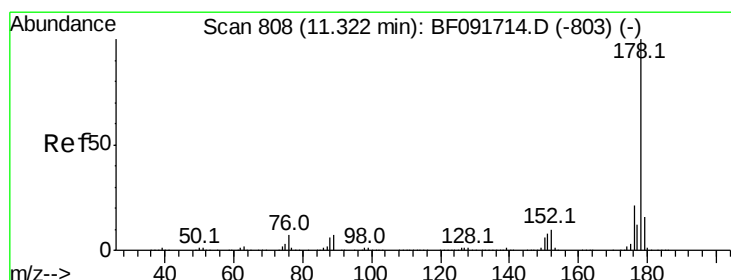
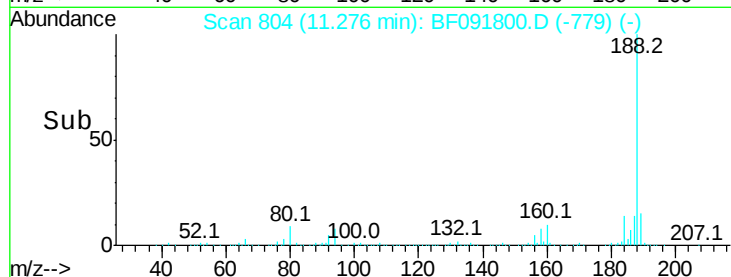
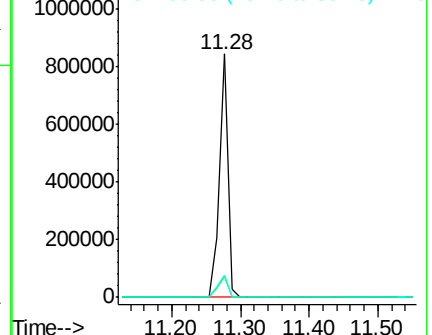
80 9.1 11.2 16.8#



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: 3.37 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

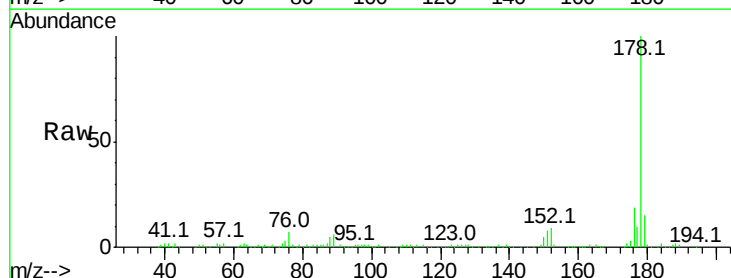
Tgt Ion:178 Resp: 126636

Ion Ratio Lower Upper

178 100

176 18.7 16.6 25.0

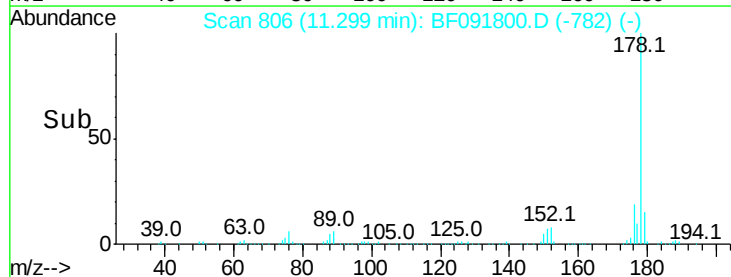
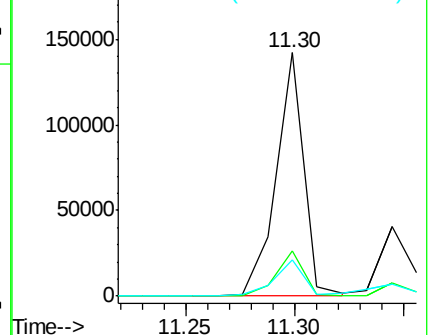
179 15.1 12.8 19.2

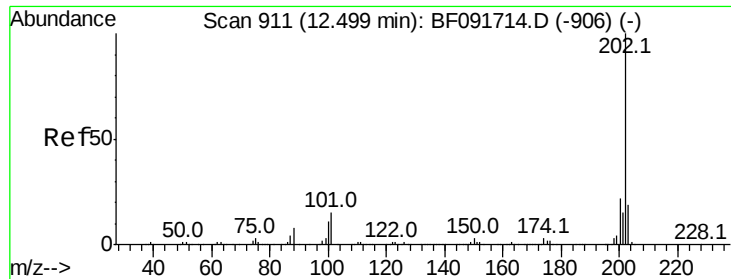


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

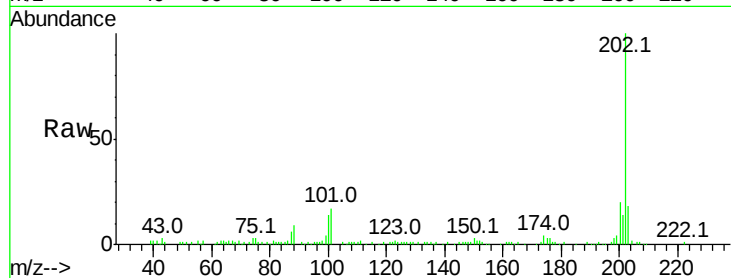




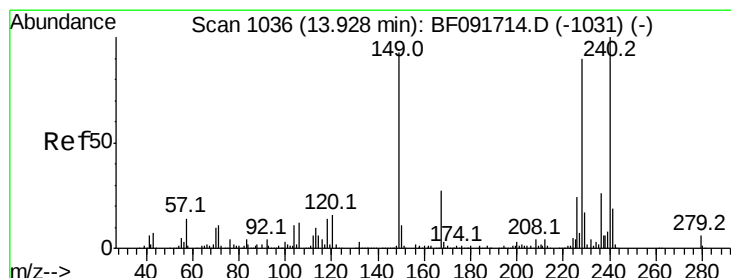
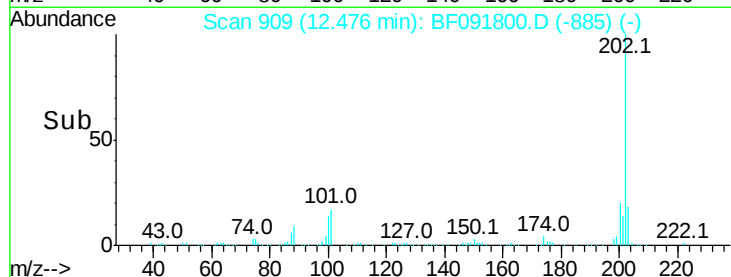
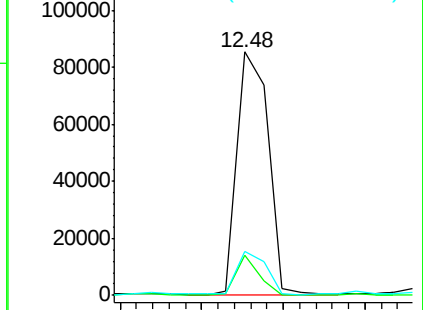
#74
Fluoranthene
Concen: 2.86 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampled :
SBW-1

Tot Ion:202 Resp: 112046
Ion Ratio Lower Upper
202 100
101 16.5 0.0 34.6
203 18.2 0.0 38.7

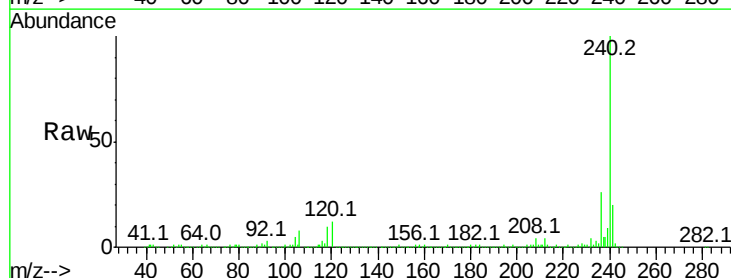


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

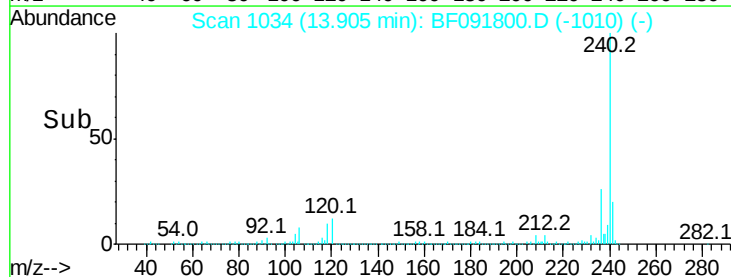
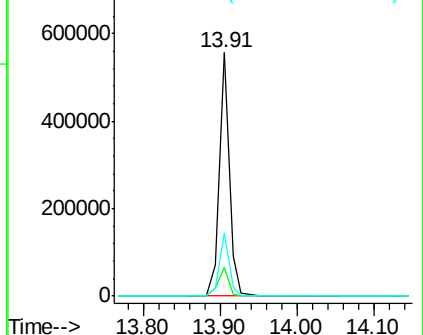


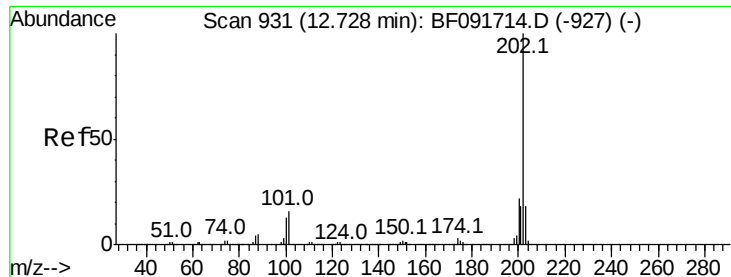
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:240 Resp: 507286
Ion Ratio Lower Upper
240 100
120 11.8 12.9 19.3#
236 26.0 20.9 31.3



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: 2.74 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SBW-1

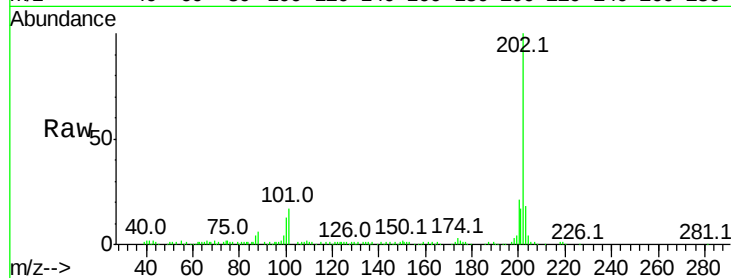
Tot Ion:202 Resp: 100240

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

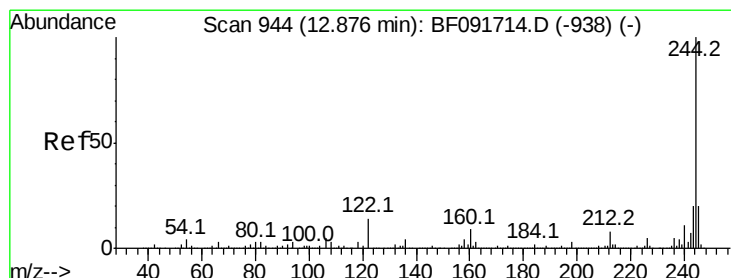
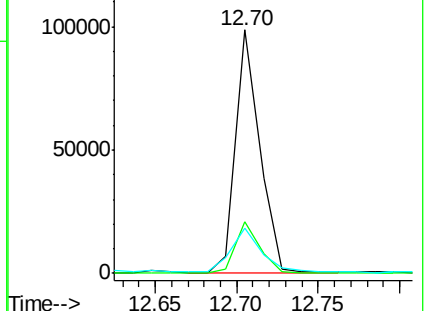
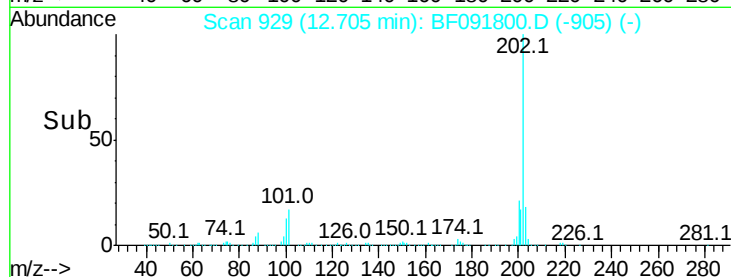
203 18.4 14.7 22.1



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: 86.12 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

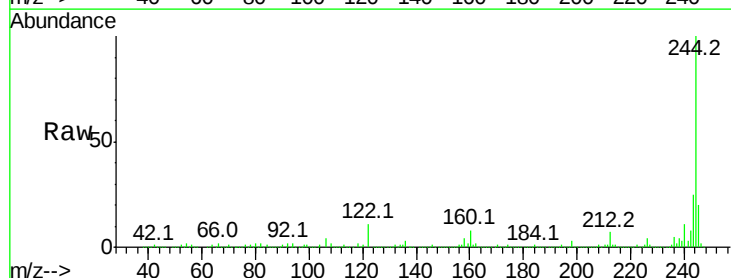
Tgt Ion:244 Resp: 1730184

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

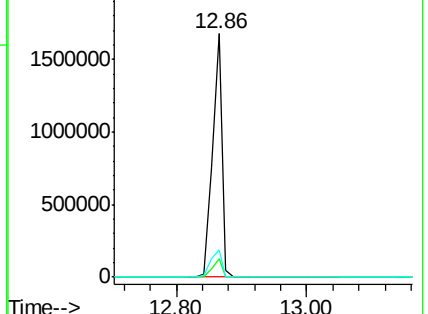
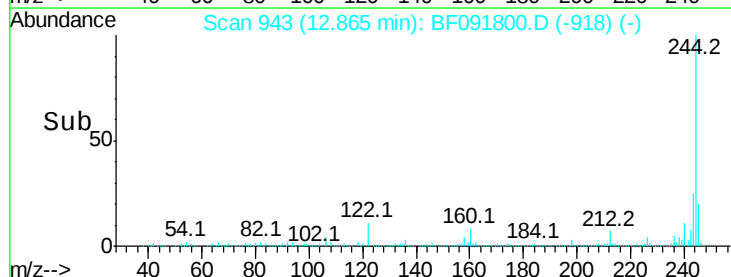
122 11.2 11.4 17.2#

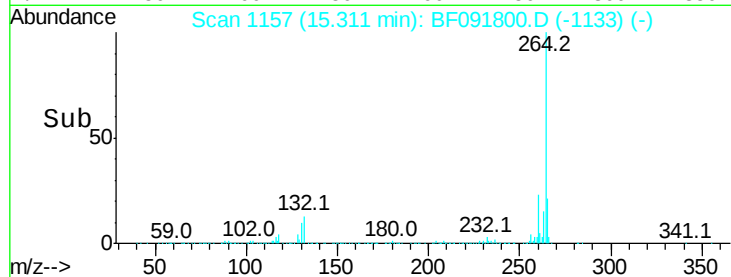
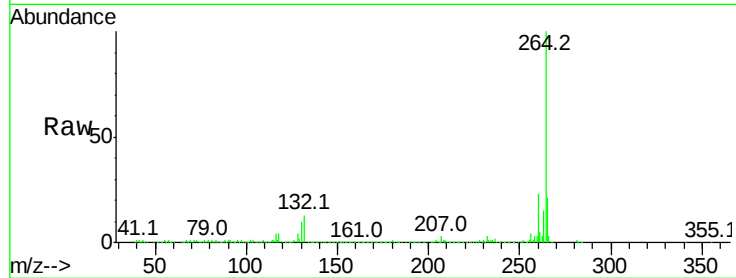
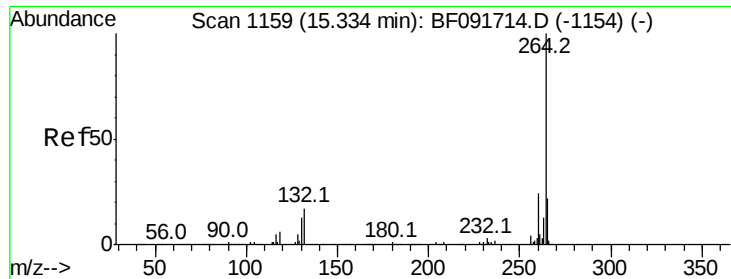


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BF091800.D

Acq: 20 Dec 2016 3:43

Instrument :

BNA_F

ClientSampleId :

SBW-1

Tot Ion: 264 Resp: 431193

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 17.4 26.0

