

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091750.D
 Acq On : 18 Dec 2016 21:36
 Operator : UM/SJ
 Sample : H6099-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS04-0-2IN

Quant Time: Dec 19 03:39:27 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

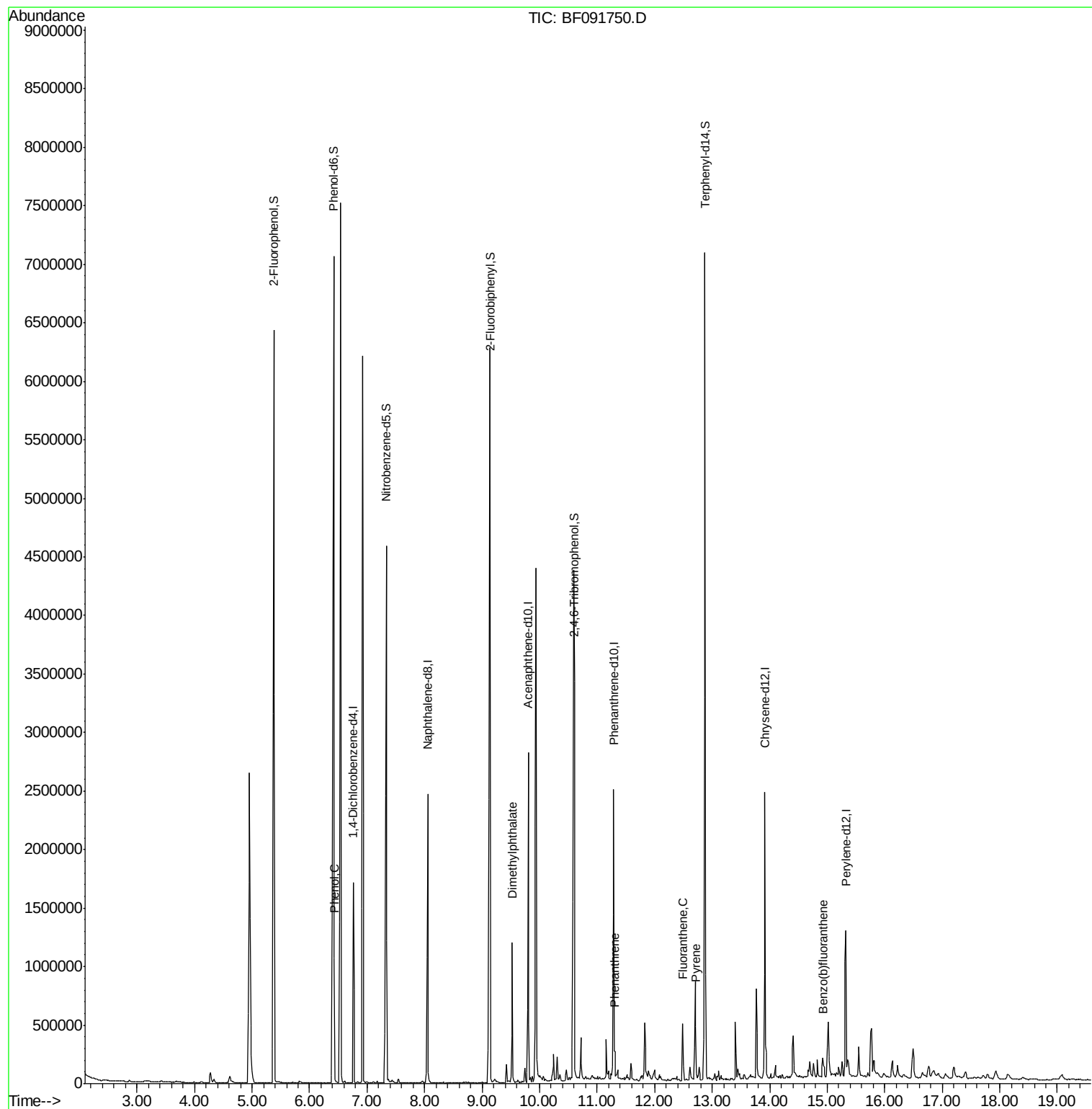
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	295701	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1275855	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	639007	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1095896	20.00	ng	0.00
75) Chrysene-d12	13.92	240	818868	20.00	ng	-0.01
86) Perylene-d12	15.32	264	640006	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2667143	151.12	ng	0.01
7) Phenol-d6	6.42	99	3176556	147.57	ng	0.00
23) Nitrobenzene-d5	7.33	82	2102418	95.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	888379	163.95	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3478288	109.36	ng	0.00
78) Terphenyl-d14	12.88	244	2533649	78.12	ng	0.00
Target Compounds						
10) Phenol	6.43	94	263403	10.86	ng	Qvalue # 65
49) Dimethylphthalate	9.53	163	529396	12.68	ng	99
70) Phenanthrene	11.31	178	115699	2.11	ng	96
74) Fluoranthene	12.49	202	195524	3.42	ng	97
77) Pyrene	12.72	202	164889	2.79	ng	99
87) Benzo(b)fluoranthene	14.92	252	88769m	2.19	ng	

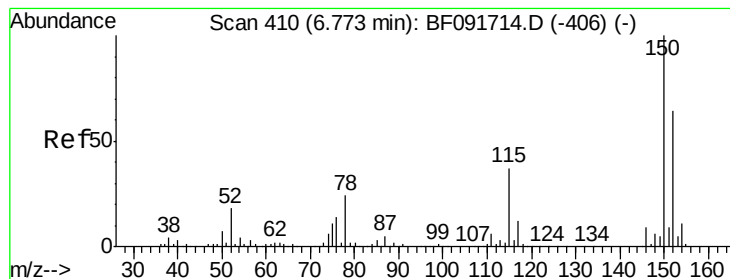
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

Instrument :

BNA_F

ClientSampleId :

SS04-0-2IN

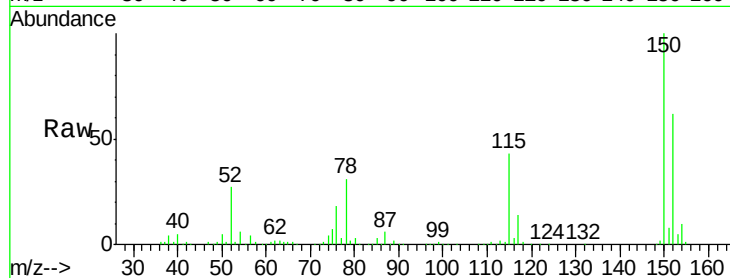
Tot Ion:152 Resp: 295701

Ion Ratio Lower Upper

152 100

150 160.4 124.9 187.3

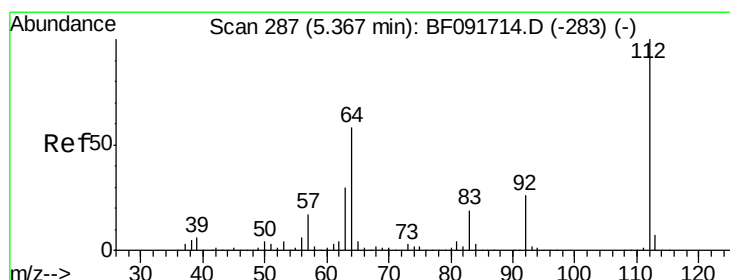
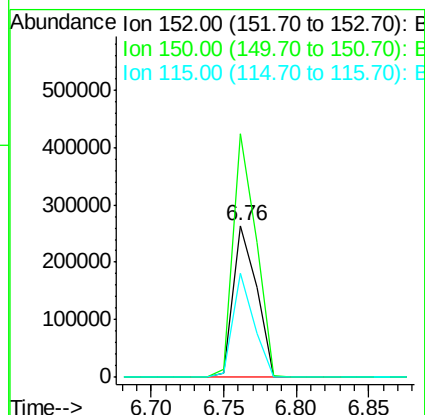
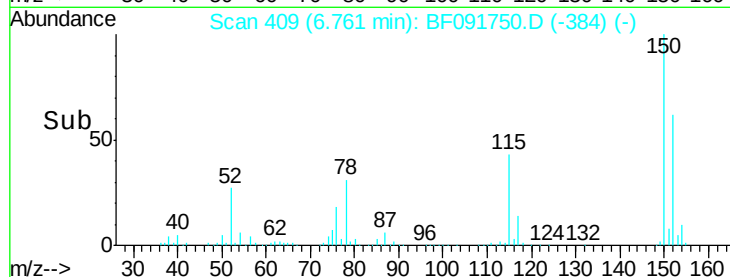
115 68.9 46.0 69.0



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: 151.12 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

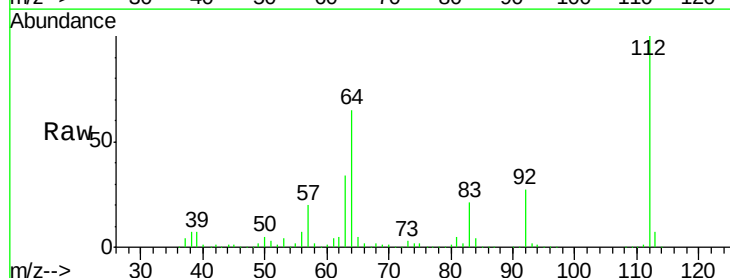
Tgt Ion:112 Resp: 2667143

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

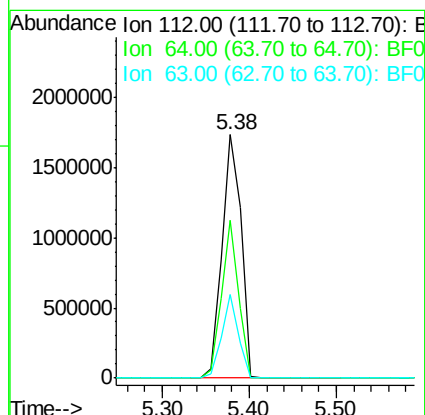
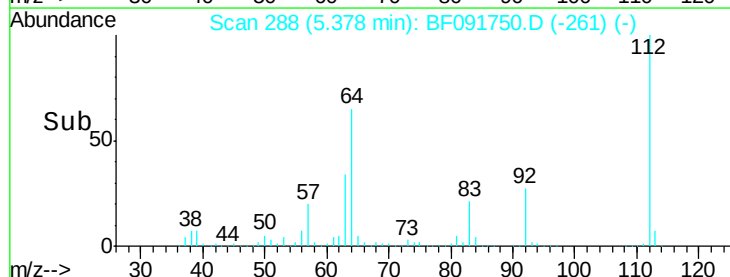
63 34.1 23.8 35.6

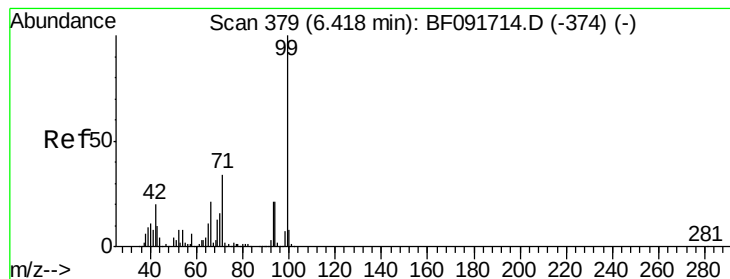


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.57 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

Instrument :

BNA_F

ClientSampleId :

SS04-0-2IN

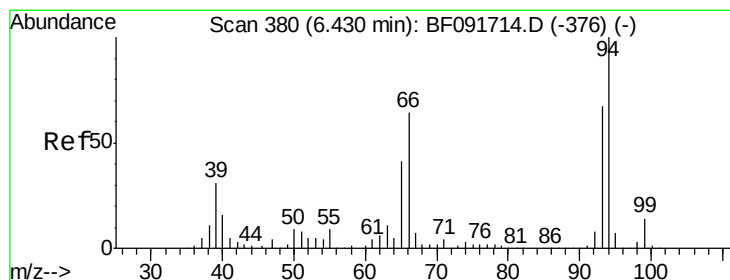
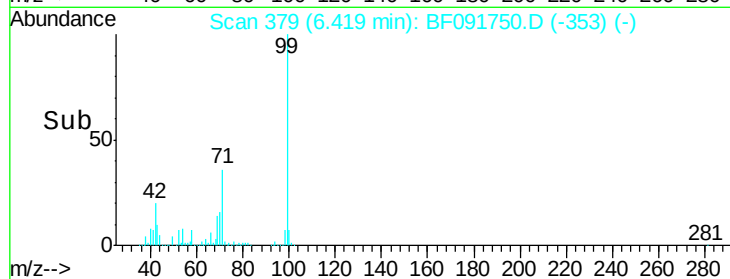
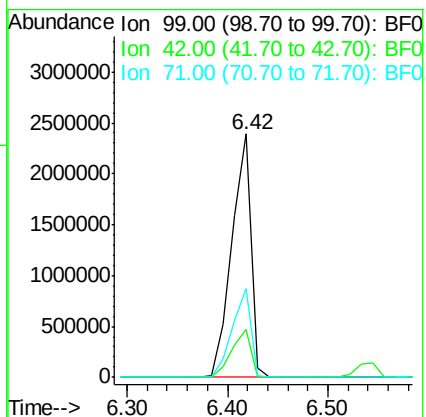
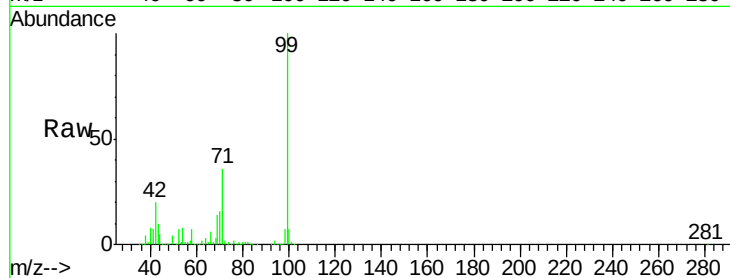
Tot Ion: 99 Resp: 3176556

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

71 36.3 27.5 41.3



#10

Phenol

Concen: 10.86 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

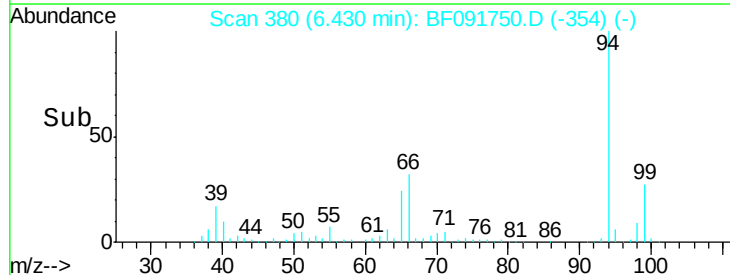
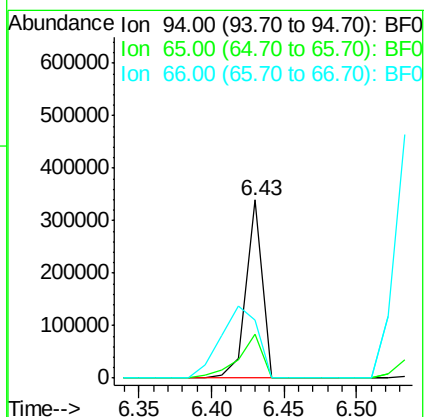
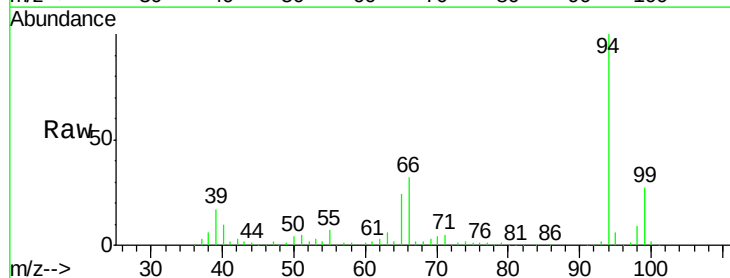
Tgt Ion: 94 Resp: 263403

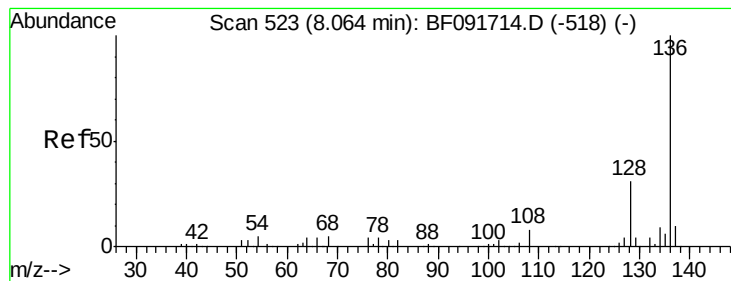
Ion Ratio Lower Upper

94 100

65 24.5 21.4 61.4

66 32.3 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

Instrument :

BNA_F

ClientSampleId :

SS04-0-2IN

Tot Ion:136 Resp: 1275855

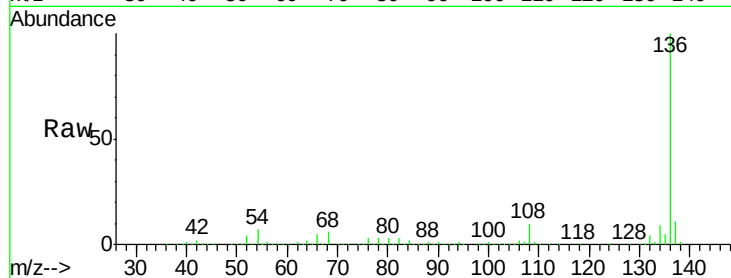
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 6.7 4.5 6.7#

68 5.7 3.6 5.4#

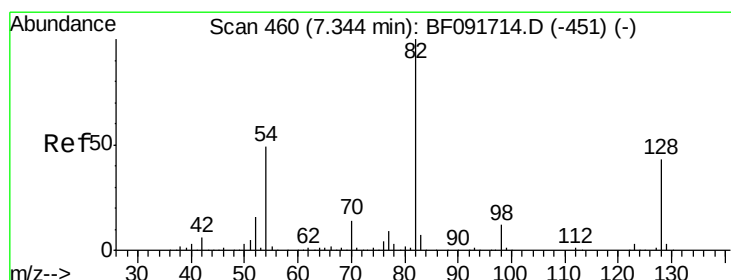
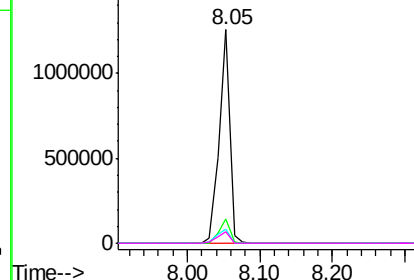
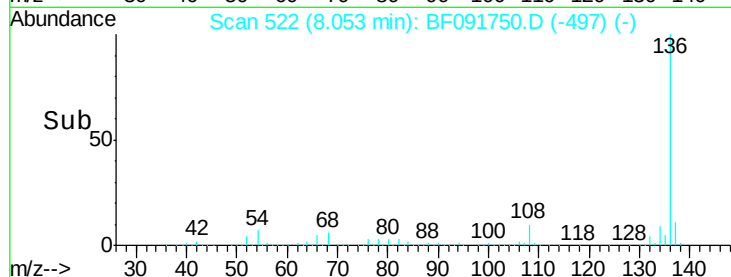


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.03 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

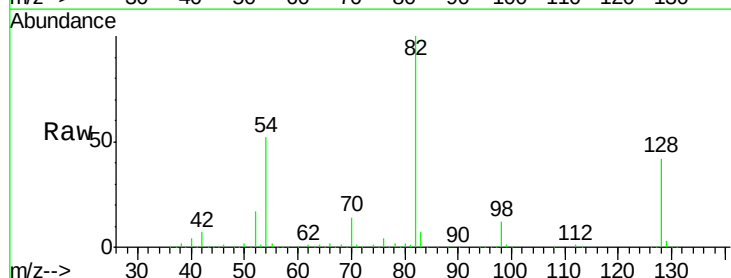
Tgt Ion: 82 Resp: 2102418

Ion Ratio Lower Upper

82 100

128 42.1 34.6 52.0

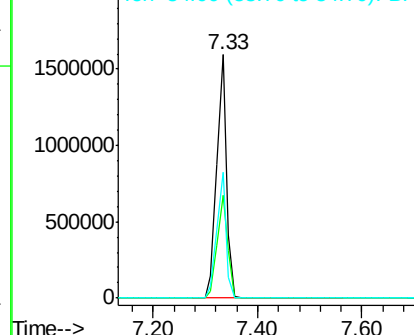
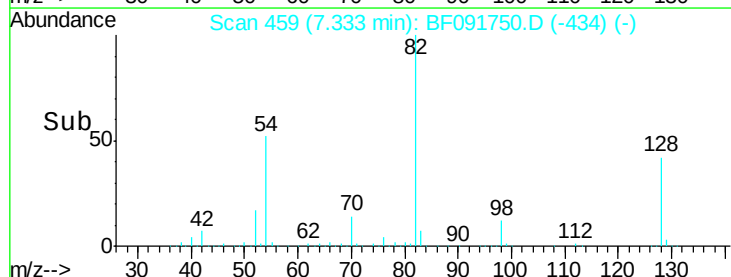
54 51.7 39.5 59.3

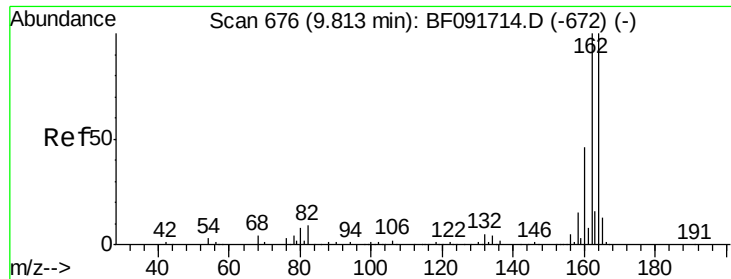


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

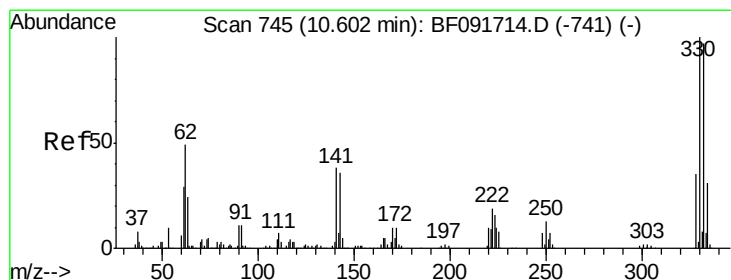
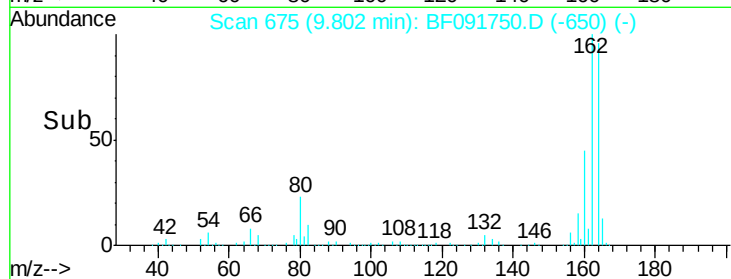
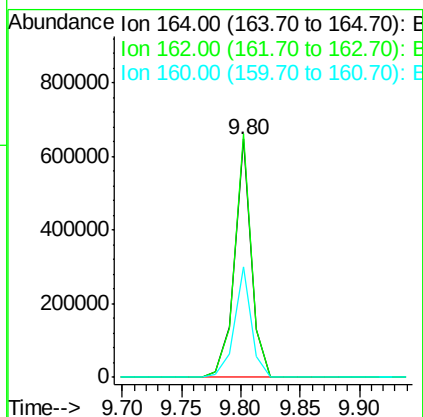
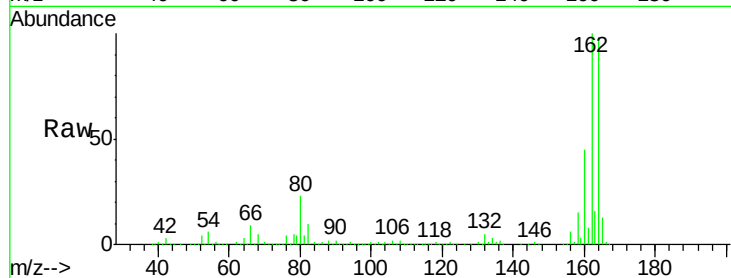




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091750.D
Acq: 18 Dec 2016 21:36

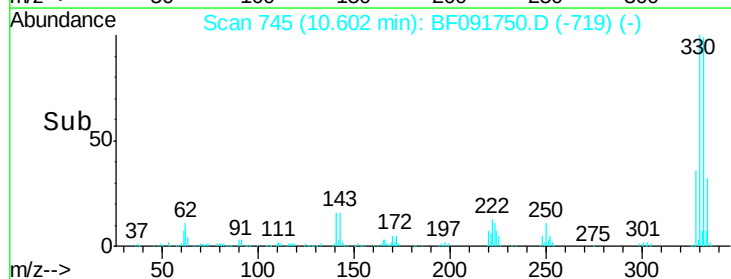
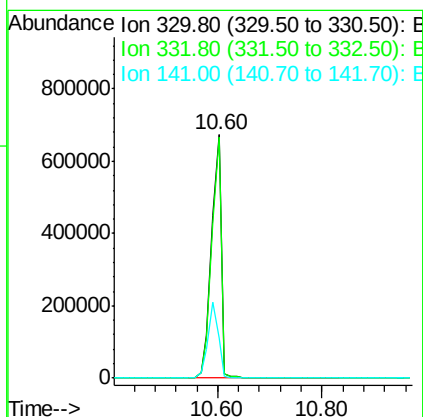
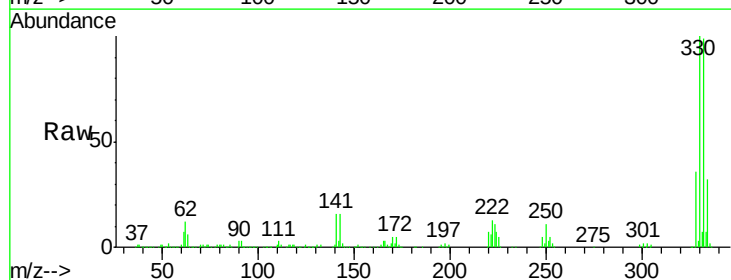
Instrument :
BNA_F
ClientSampleId :
SS04-0-2IN

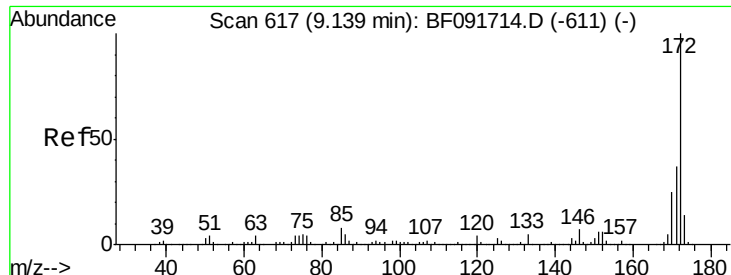
Tot Ion:164 Resp: 639007
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 46.3 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 163.95 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091750.D
Acq: 18 Dec 2016 21:36

Tgt Ion:330 Resp: 888379
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 33.0 34.1 51.1#

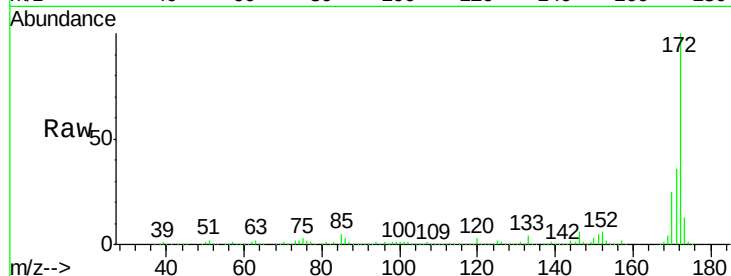




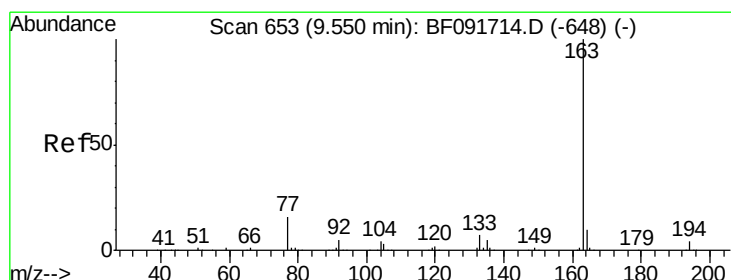
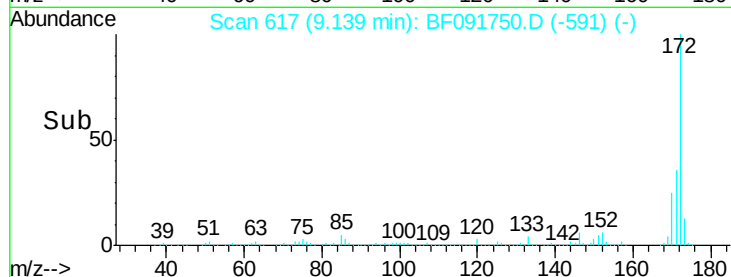
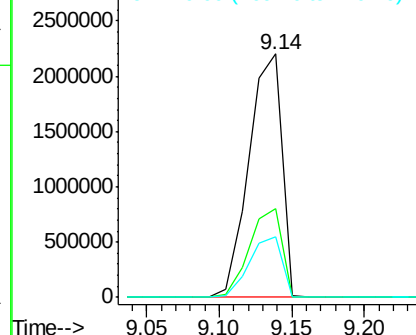
#44
2-Fluorobiphenyl
Concen: 109.36 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF091750.D
Acq: 18 Dec 2016 21:36

Instrument :
BNA_F
ClientSampleId :
SS04-0-2IN

Tot Ion:172 Resp: 3478288
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.0 20.2 30.4

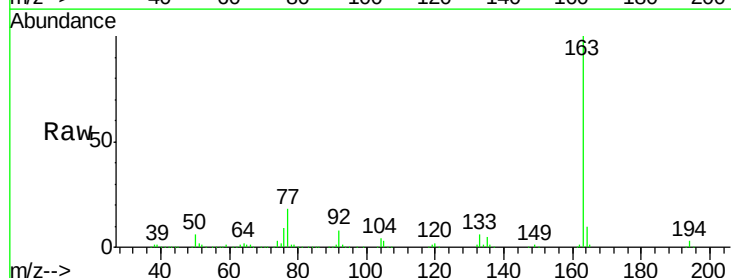


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

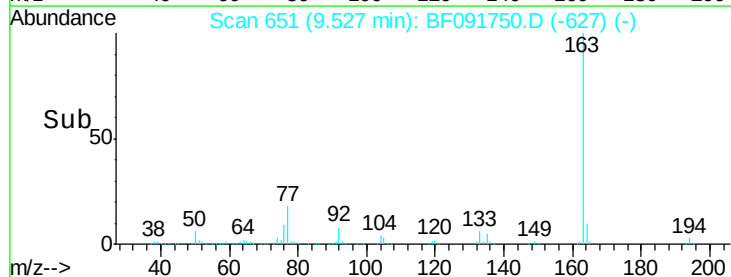
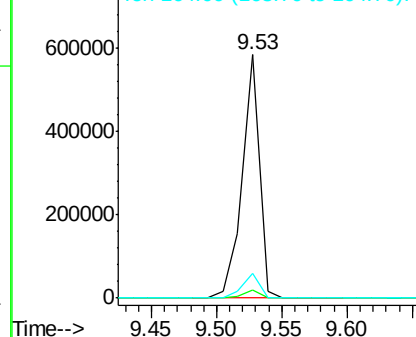


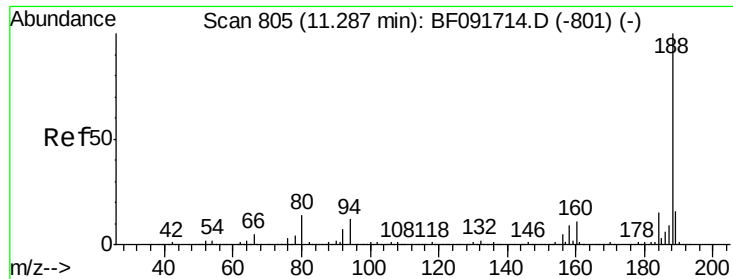
#49
Dimethylphthalate
Concen: 12.68 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091750.D
Acq: 18 Dec 2016 21:36

Tgt Ion:163 Resp: 529396
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.1 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

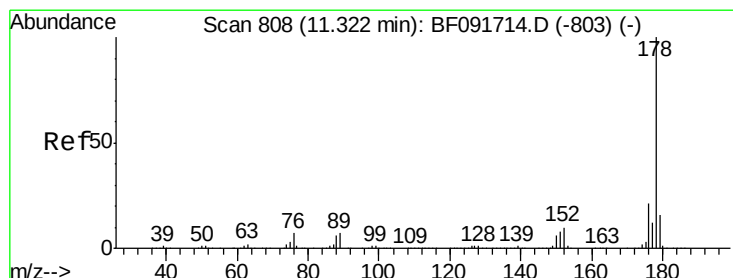
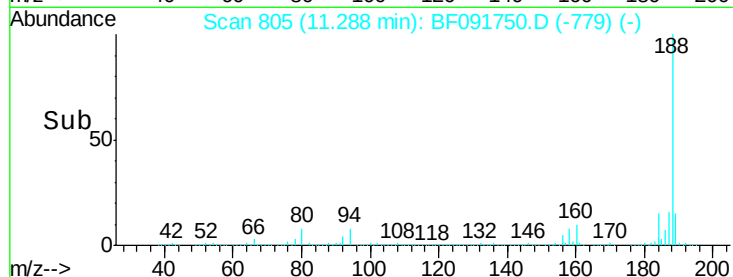
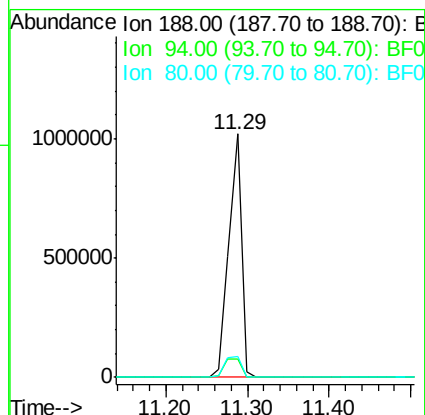
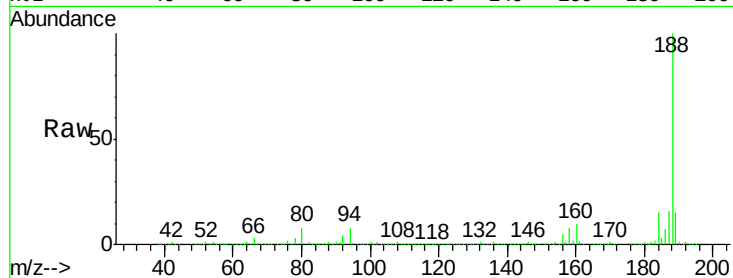




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091750.D
Acq: 18 Dec 2016 21:36

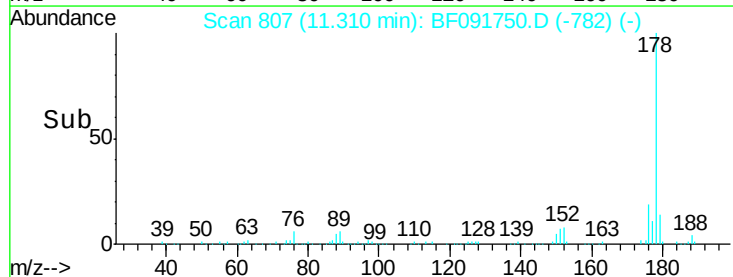
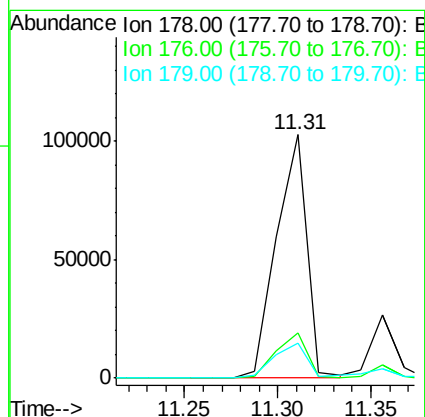
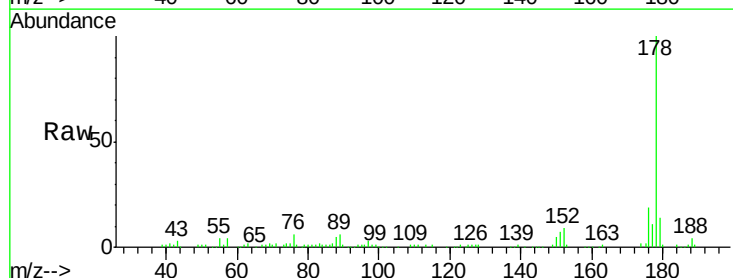
Instrument :
BNA_F
ClientSampleId :
SS04-0-2IN

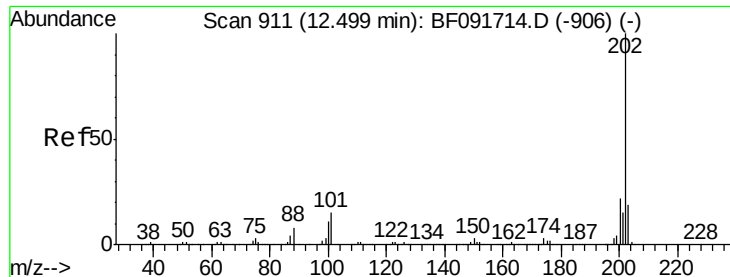
Tot Ion:188 Resp: 1095896
Ion Ratio Lower Upper
188 100
94 7.7 10.0 15.0#
80 8.5 11.2 16.8#



#70
Phenanthrene
Concen: 2.11 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF091750.D
Acq: 18 Dec 2016 21:36

Tgt Ion:178 Resp: 115699
Ion Ratio Lower Upper
178 100
176 18.7 16.6 25.0
179 14.2 12.8 19.2





#74

Fluoranthene

Concen: 3.42 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

Instrument :

BNA_F

ClientSampled :

SS04-0-2IN

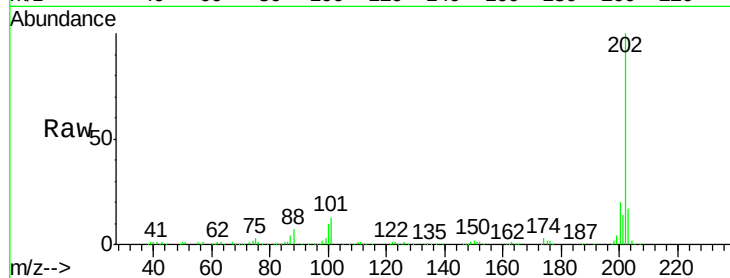
Tot Ion:202 Resp: 195524

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.6

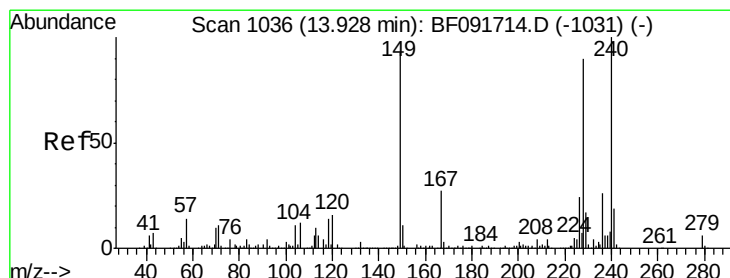
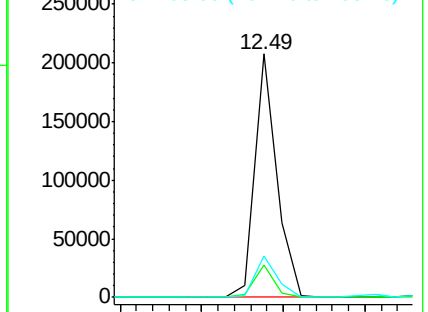
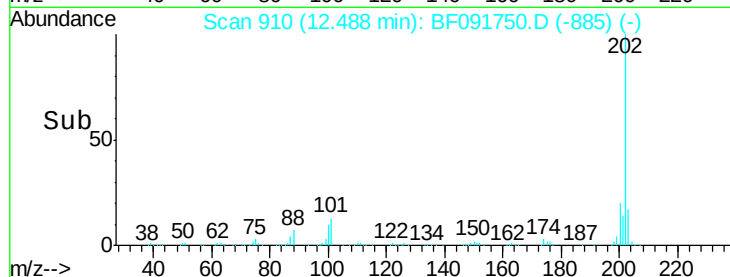
203 17.2 0.0 38.7



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

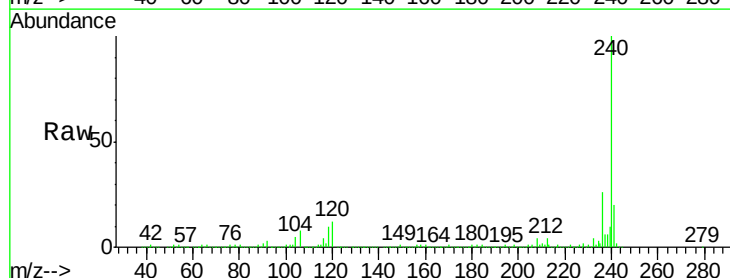
Tgt Ion:240 Resp: 818868

Ion Ratio Lower Upper

240 100

120 11.5 12.9 19.3#

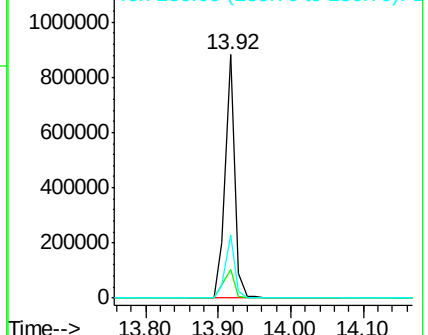
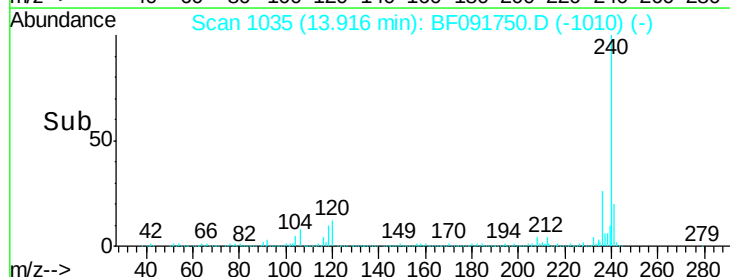
236 26.2 20.9 31.3

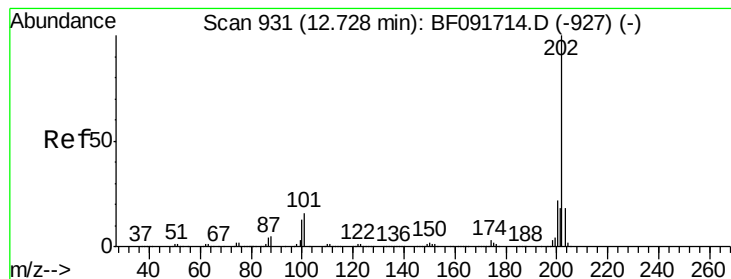


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.79 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

Instrument :

BNA_F

ClientSampleId :

SS04-0-2IN

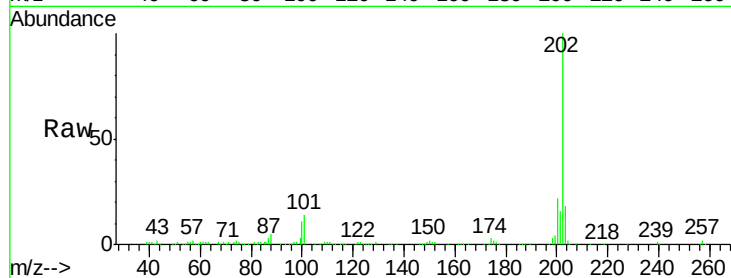
Tot Ion:202 Resp: 164889

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

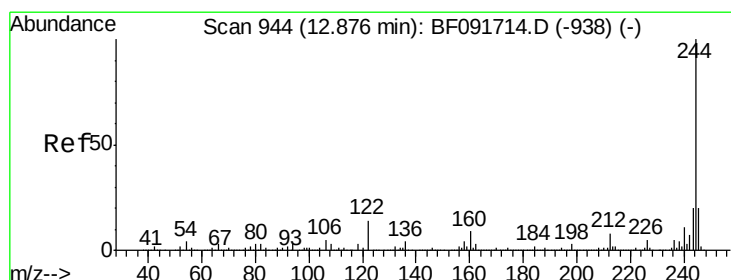
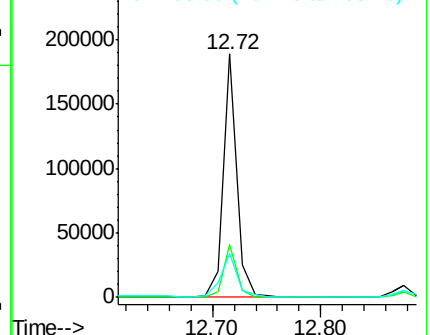
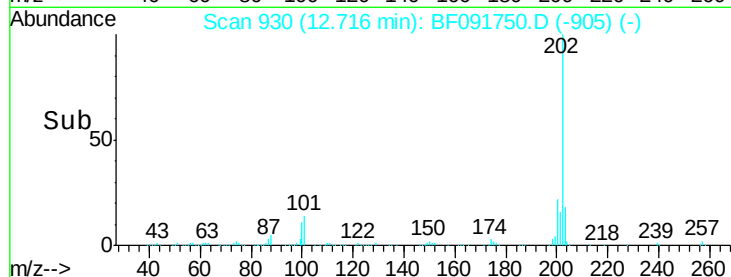
203 18.1 14.7 22.1



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: 78.12 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

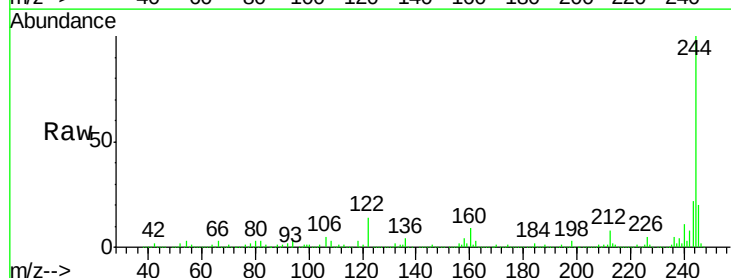
Tgt Ion:244 Resp: 2533649

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

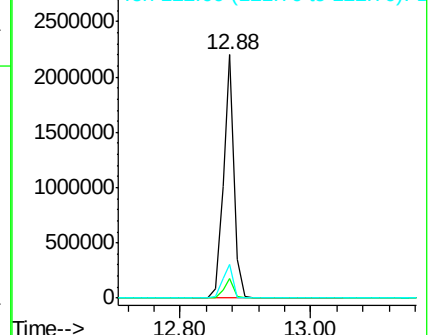
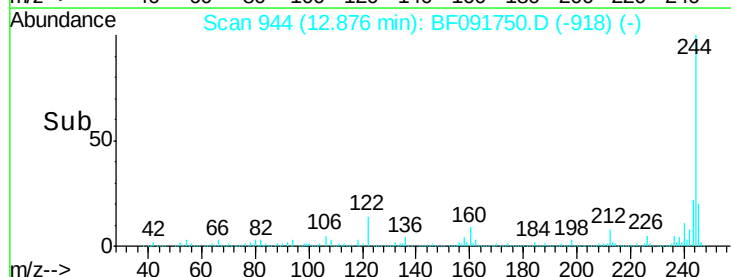
122 13.8 11.4 17.2

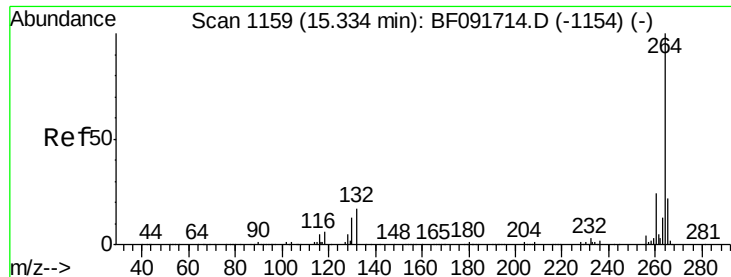


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

Instrument :

BNA_F

ClientSampleId :

SS04-0-2IN

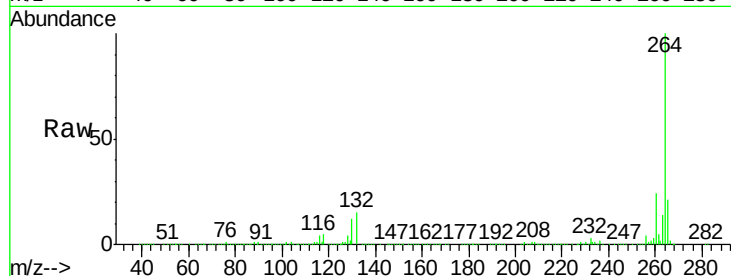
Tot Ion:264 Resp: 640006

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

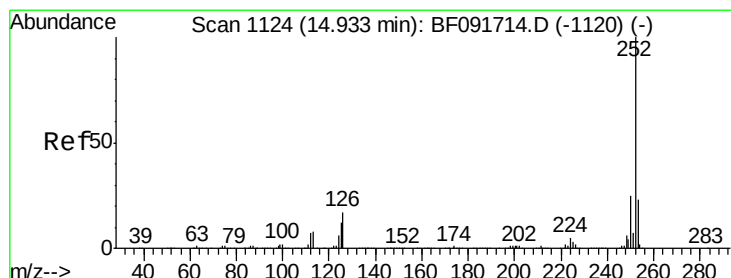
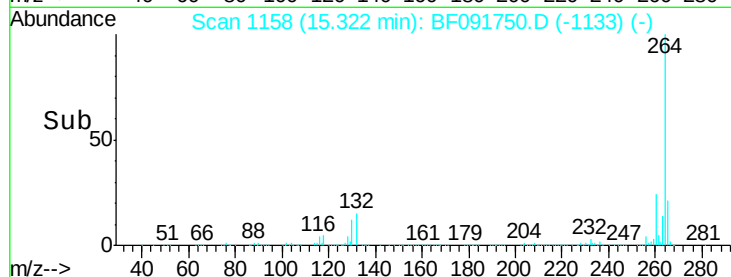
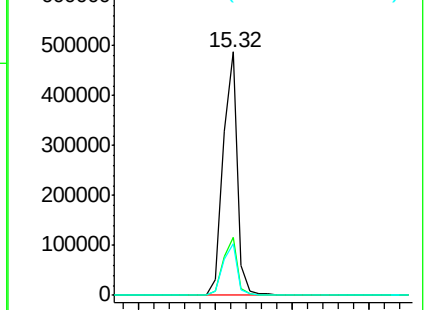
265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 2.19 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091750.D

Acq: 18 Dec 2016 21:36

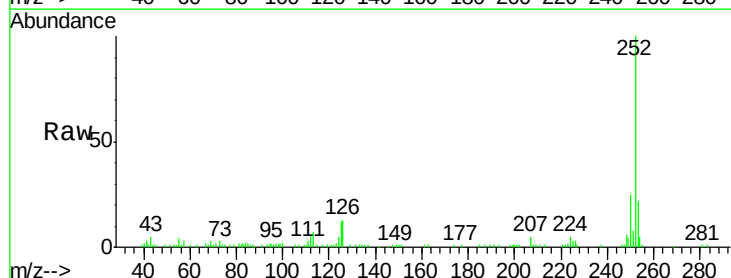
Tgt Ion:252 Resp: 88769

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

125 12.4 9.8 14.6



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

