

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091799.D
 Acq On : 20 Dec 2016 3:15
 Operator : UM/SJ
 Sample : H6165-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SBW-2

Quant Time: Dec 20 06:08:35 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

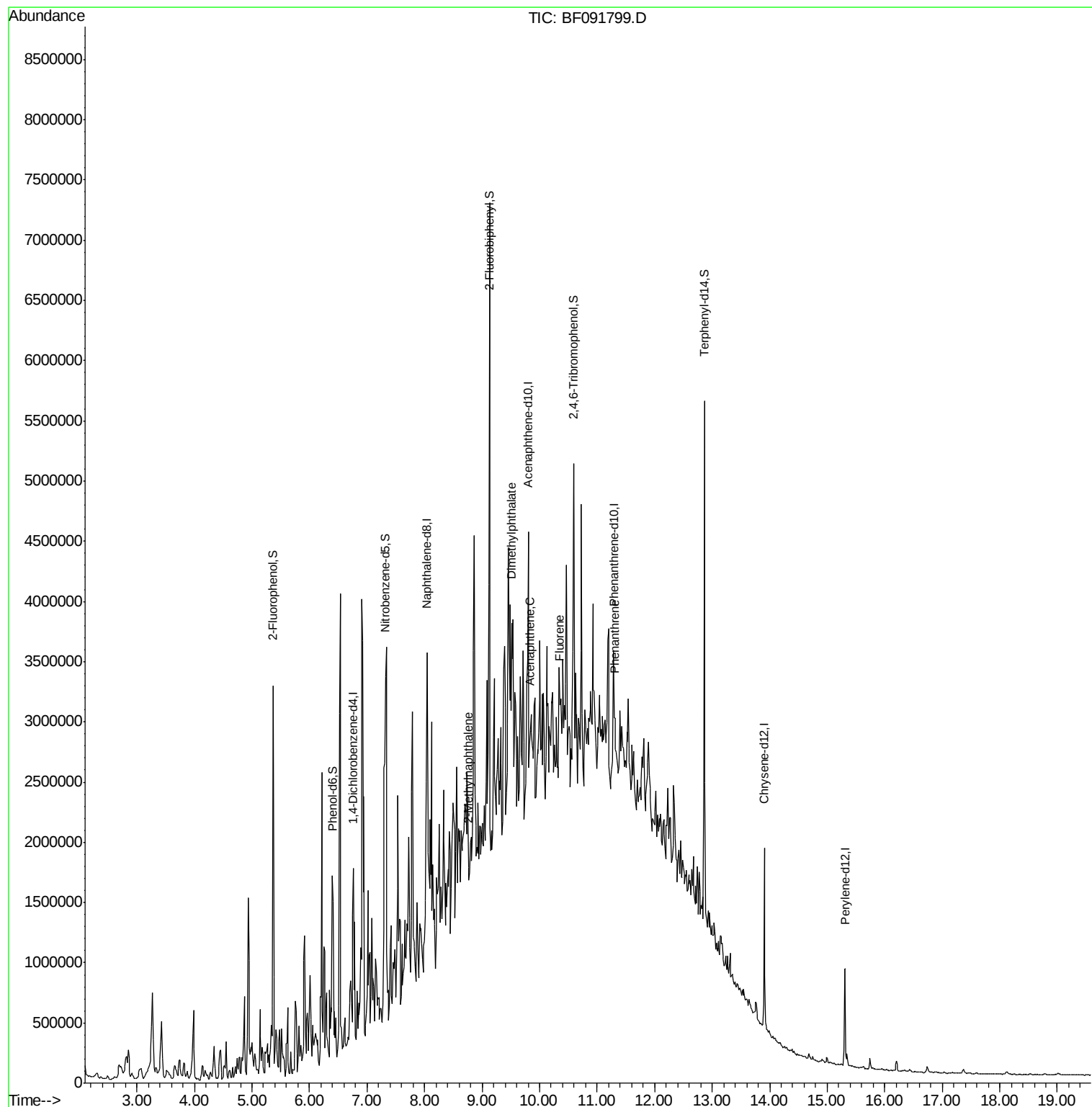
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	242331	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	840409	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	437815	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	652460	20.00	ng	0.00
75) Chrysene-d12	13.91	240	549809	20.00	ng	-0.02
86) Perylene-d12	15.31	264	472327	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	875343	60.52	ng	0.00
7) Phenol-d6	6.40	99	657942	37.30	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1322148	90.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	338809	91.26	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2027962	93.06	ng	-0.01
78) Terphenyl-d14	12.87	244	1517248	69.68	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	132680	5.24	ng	Qvalue 99
49) Dimethylphthalate	9.52	163	158868	5.56	ng	# 74
51) Acenaphthene	9.84	154	65335	2.62	ng	# 72
57) Fluorene	10.35	166	125796	5.46	ng	# 88
70) Phenanthrene	11.31	178	258997	7.94	ng	# 88

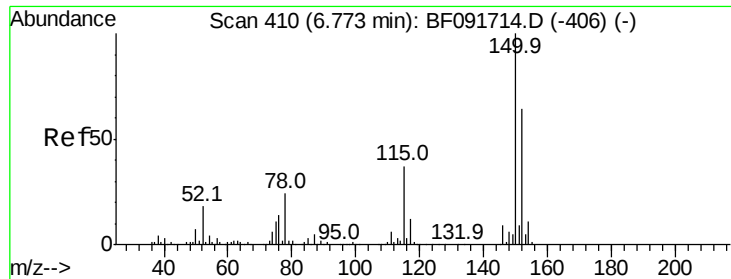
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091799.D

Acq: 20 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

SBW-2

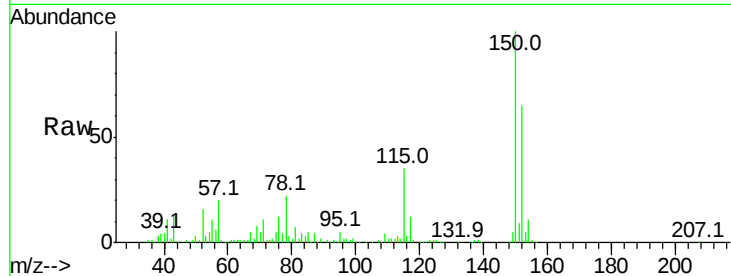
Tot Ion:152 Resp: 242331

Ion Ratio Lower Upper

152 100

150 153.2 124.9 187.3

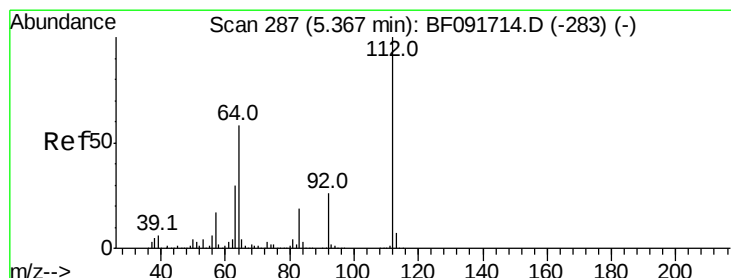
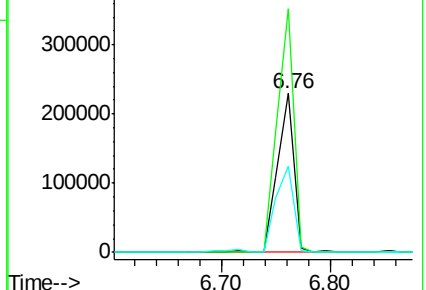
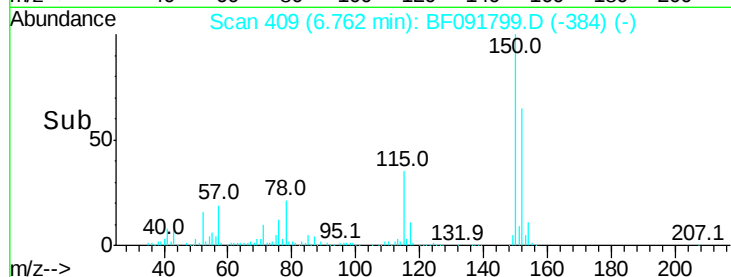
115 54.2 46.0 69.0



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: 60.52 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

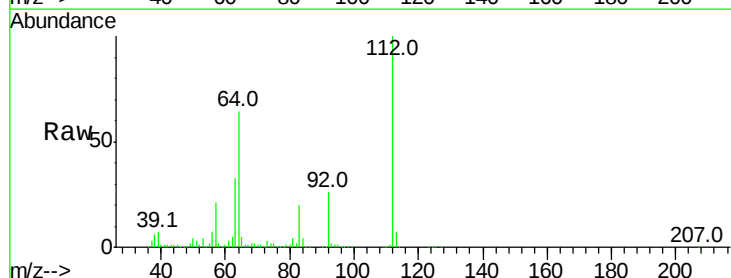
Tgt Ion:112 Resp: 875343

Ion Ratio Lower Upper

112 100

64 63.6 46.1 69.1

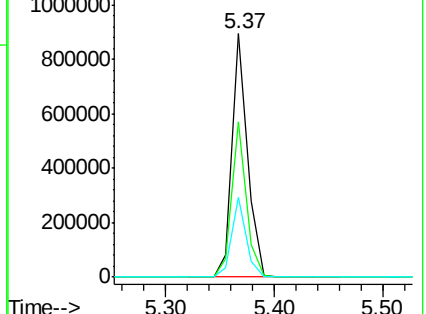
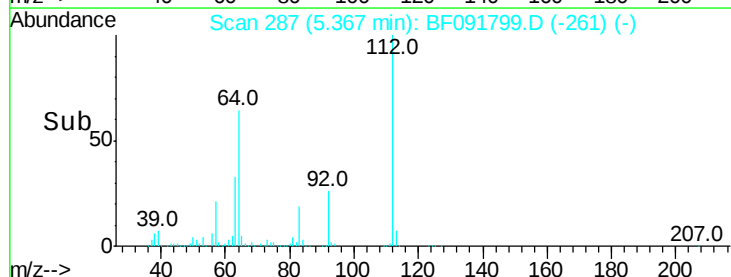
63 32.6 23.8 35.6

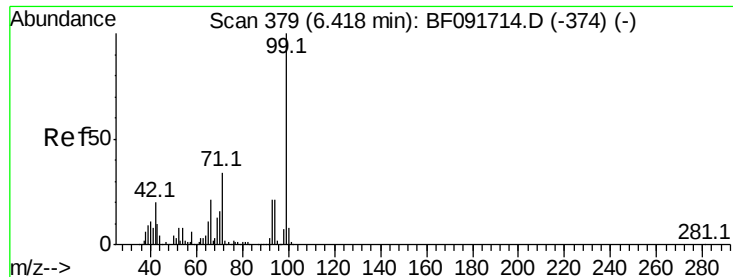


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.30 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

SBW-2

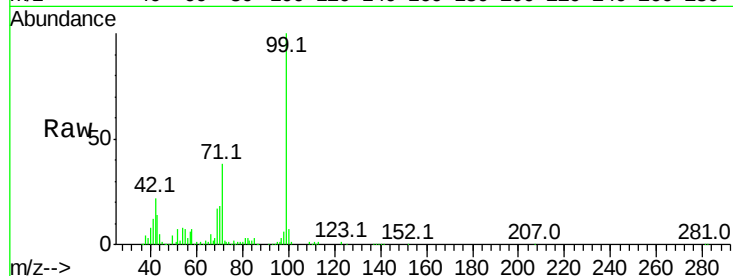
Tot Ion: 99 Resp: 657942

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

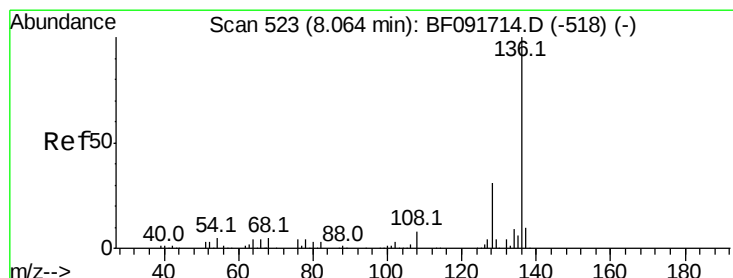
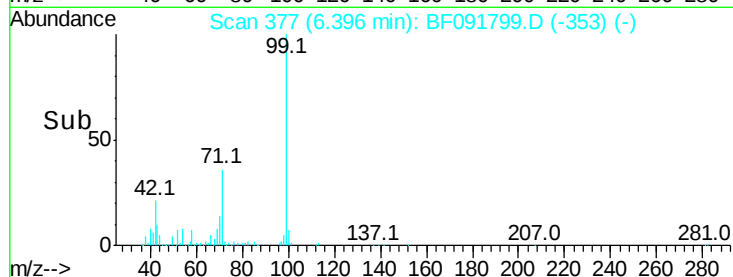
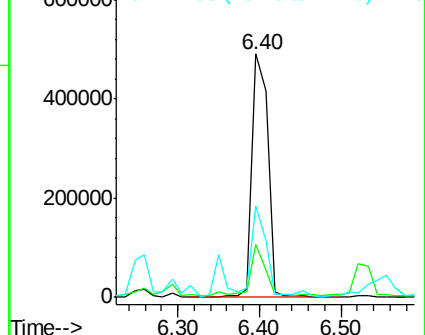
71 37.6 27.5 41.3



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: BF091799.D

Acq: 20 Dec 2016 3:15

Tgt Ion: 136 Resp: 840409

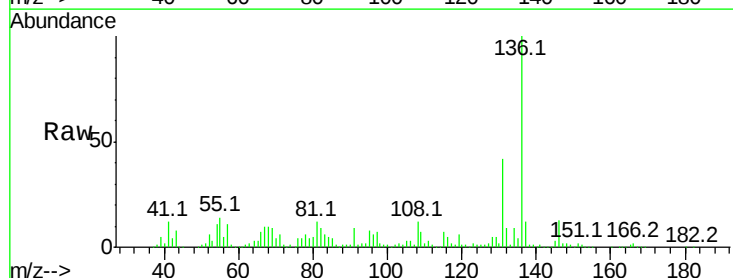
Ion Ratio Lower Upper

136 100

137 12.3 8.4 12.6

54 11.0 4.5 6.7#

68 9.5 3.6 5.4#

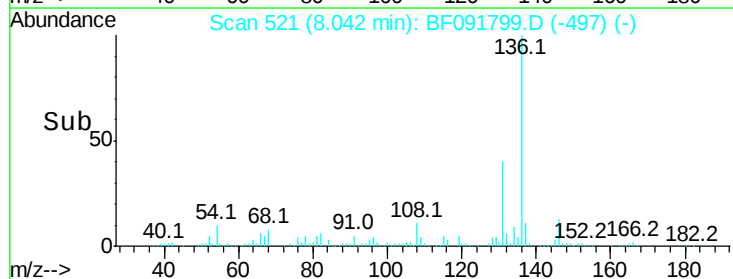
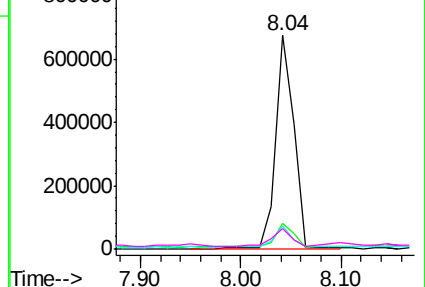


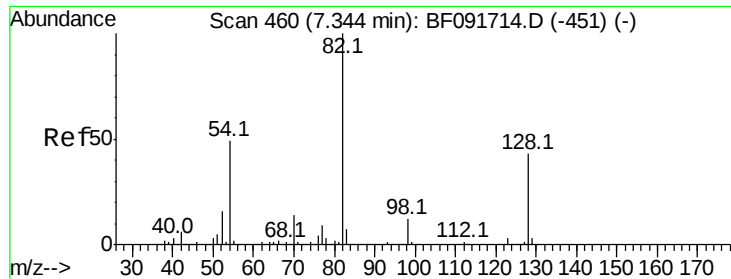
Abundance Ion 136.00 (135.70 to 136.70): E

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

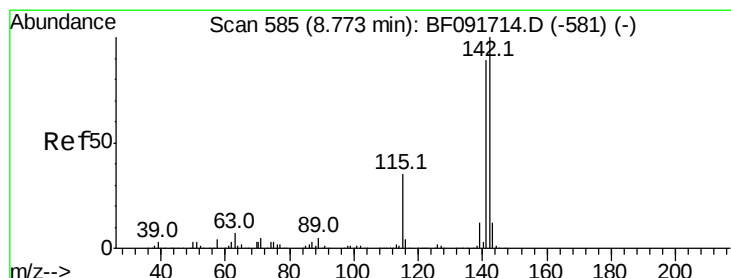
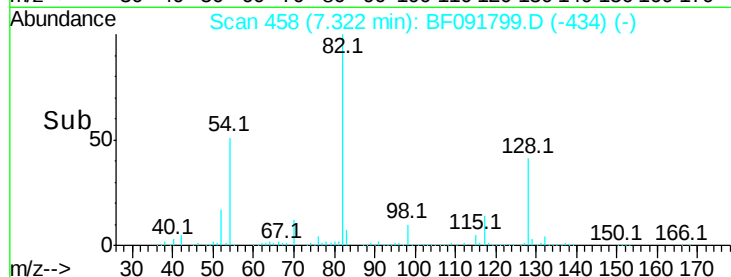
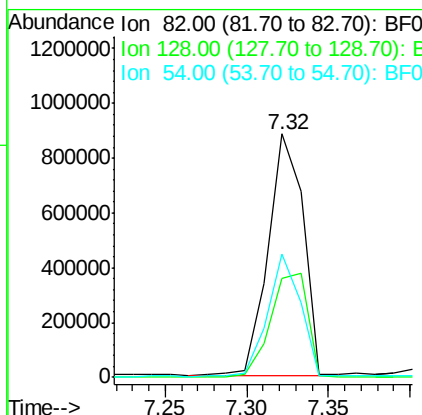
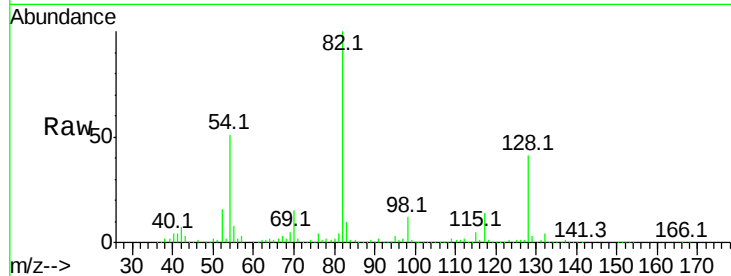




#23
 Nitrobenzene-d5
 Concen: 90.72 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091799.D
 Acq: 20 Dec 2016 3:15

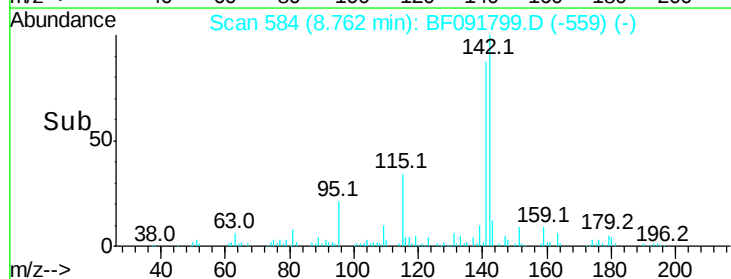
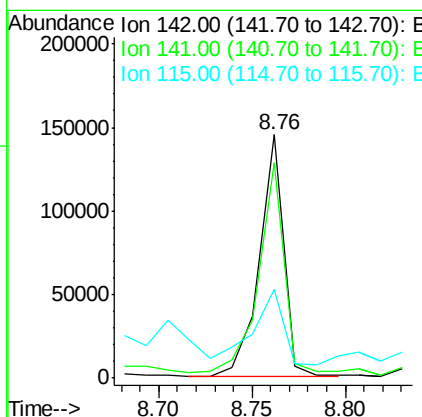
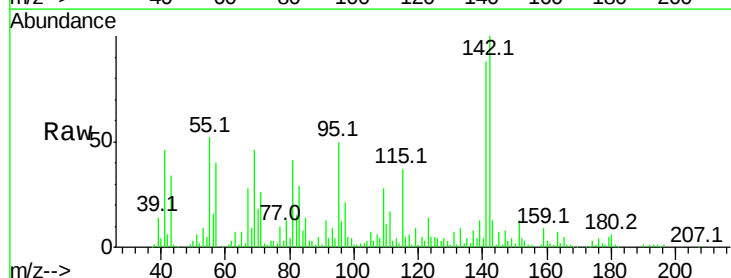
Instrument :
 BNA_F
 ClientSampled :
 SBW-2

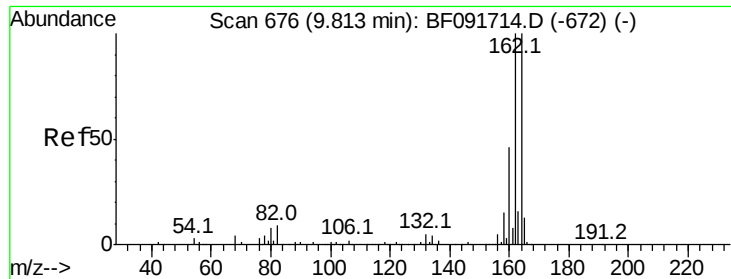
Tot Ion: 82 Resp: 1322148
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 52.0
 54 50.6 39.5 59.3



#37
 2-Methylnaphthalene
 Concen: 5.24 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF091799.D
 Acq: 20 Dec 2016 3:15

Tgt Ion: 142 Resp: 132680
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 36.5 28.3 42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

SBW-2

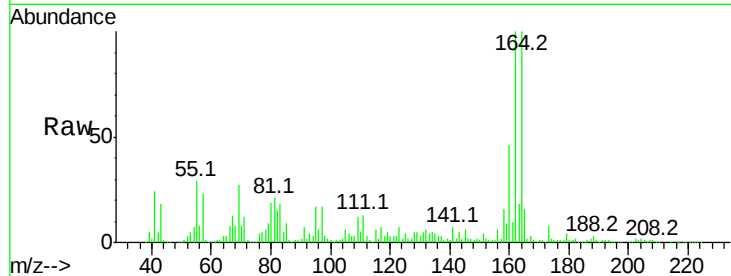
Tot Ion:164 Resp: 437815

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

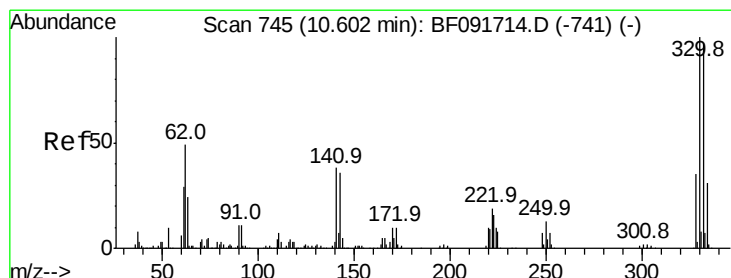
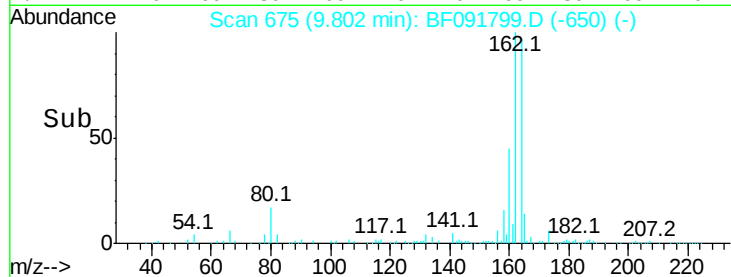
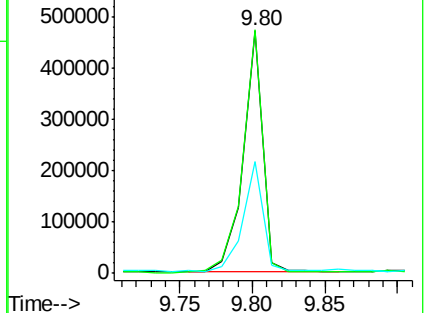
160 46.1 36.9 55.3



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: 91.26 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

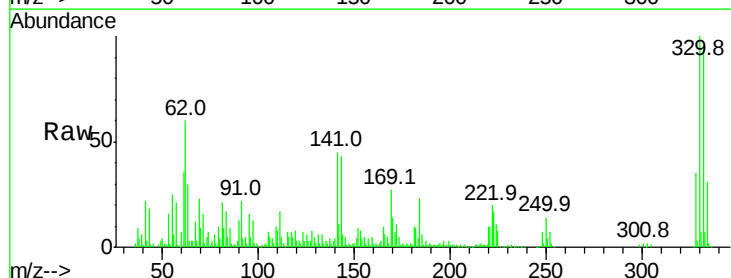
Tgt Ion:330 Resp: 338809

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

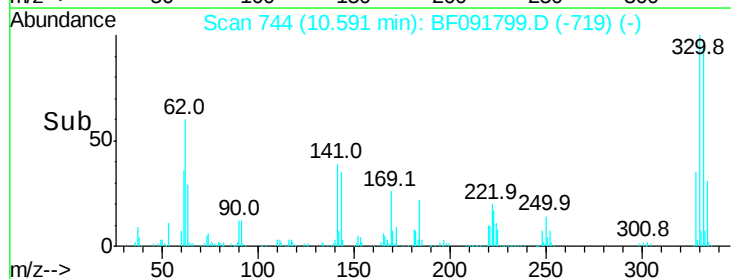
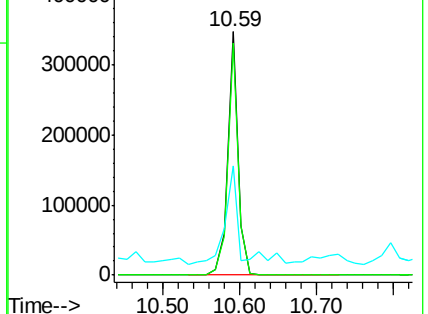
141 46.0 34.1 51.1

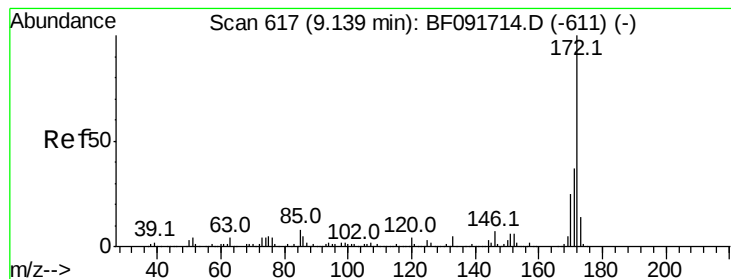


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

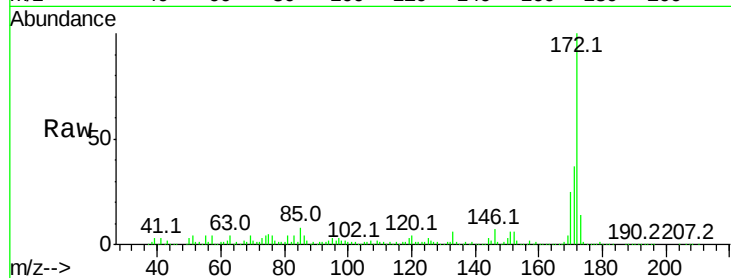




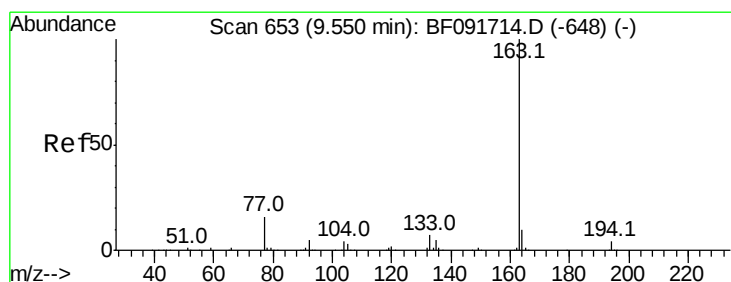
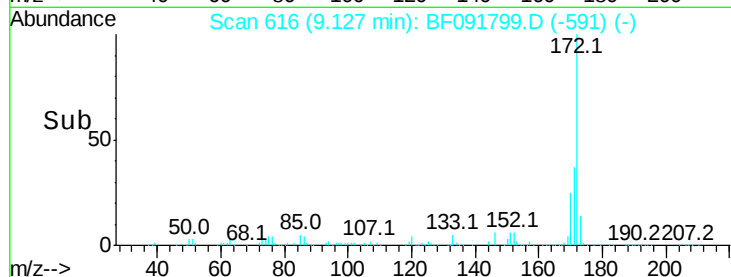
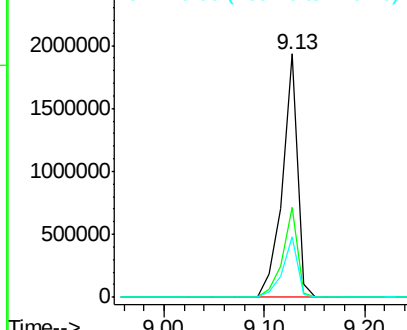
#44
2-Fluorobiphenyl
Concen: 93.06 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091799.D
Acq: 20 Dec 2016 3:15

Instrument :
BNA_F
ClientSampleId :
SBW-2

Tot Ion:172 Resp: 2027962
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.8 20.2 30.4

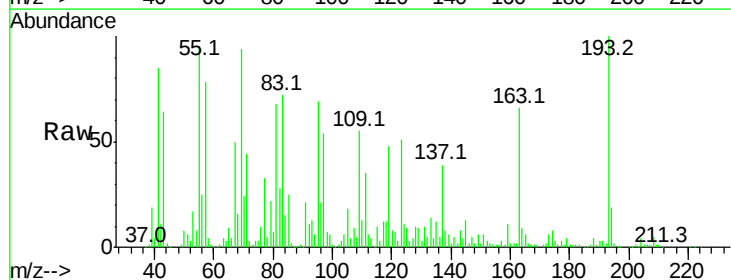


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

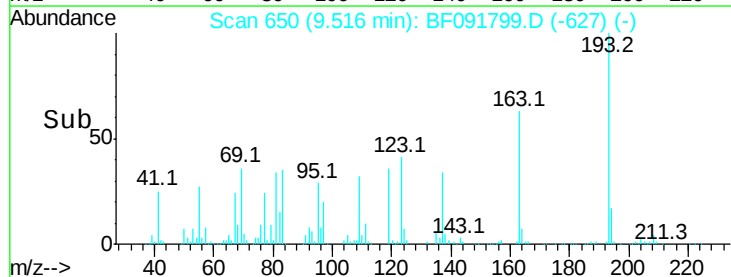
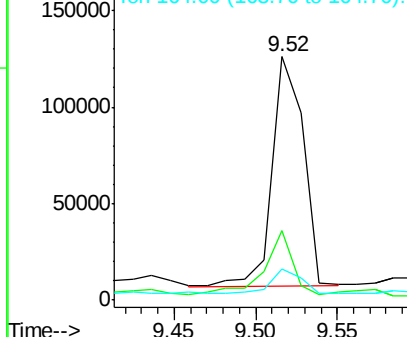


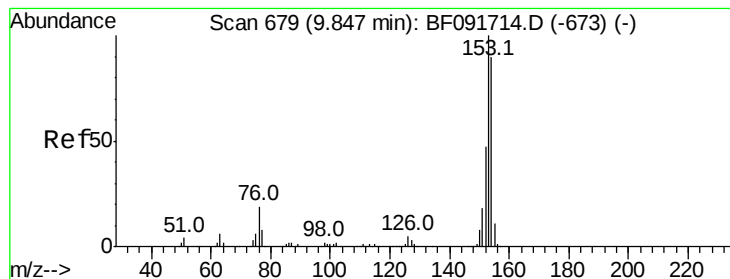
#49
Dimethylphthalate
Concen: 5.56 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091799.D
Acq: 20 Dec 2016 3:15

Tgt Ion:163 Resp: 158868
Ion Ratio Lower Upper
163 100
194 28.8 3.0 4.4#
164 13.0 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





#51

Acenaphthene

Concen: 2.62 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

SBW-2

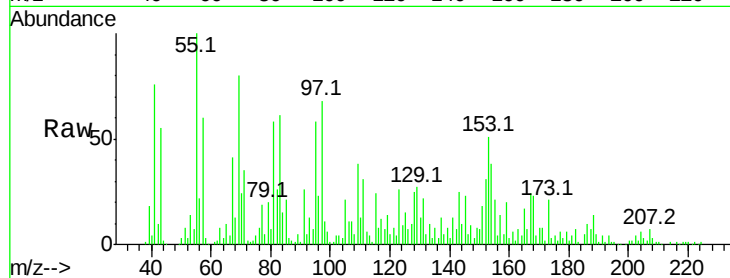
Tot Ion:154 Resp: 65335

Ion Ratio Lower Upper

154 100

153 133.6 88.6 133.0#

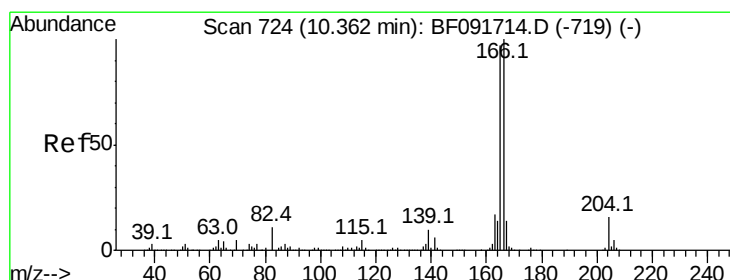
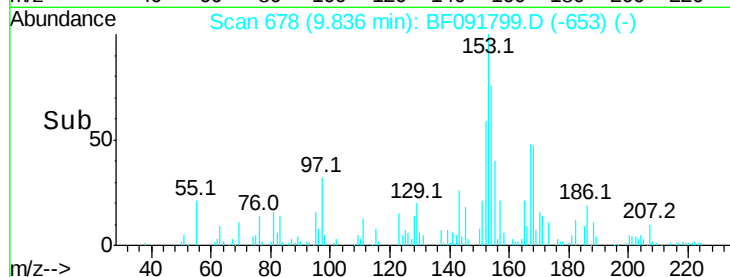
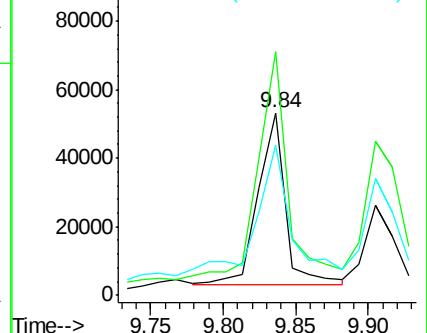
152 82.2 41.6 62.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 5.46 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

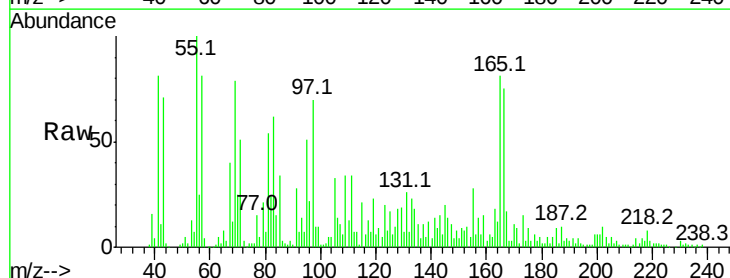
Tgt Ion:166 Resp: 125796

Ion Ratio Lower Upper

166 100

165 107.8 77.8 116.8

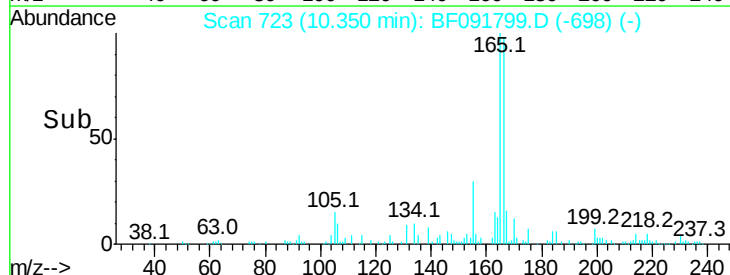
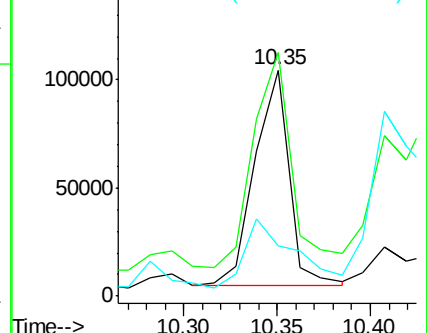
167 22.2 10.8 16.2#

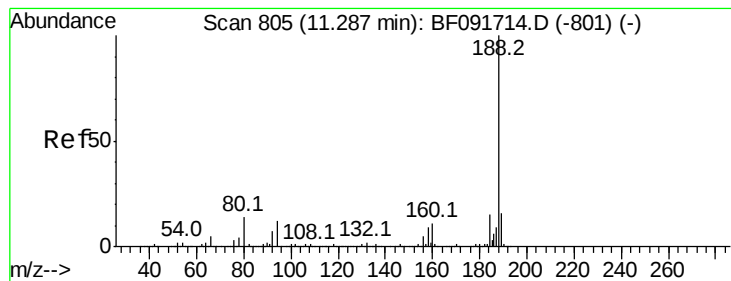


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

SBW-2

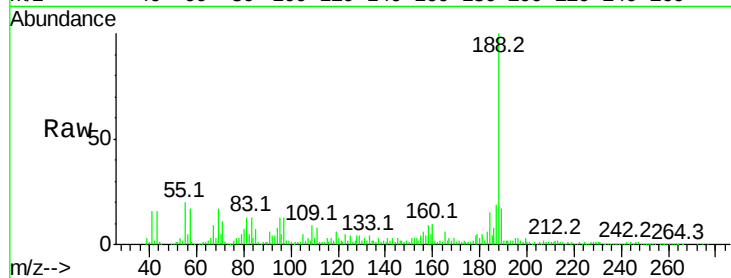
Tot Ion:188 Resp: 652460

Ion Ratio Lower Upper

188 100

94 7.6 10.0 15.0#

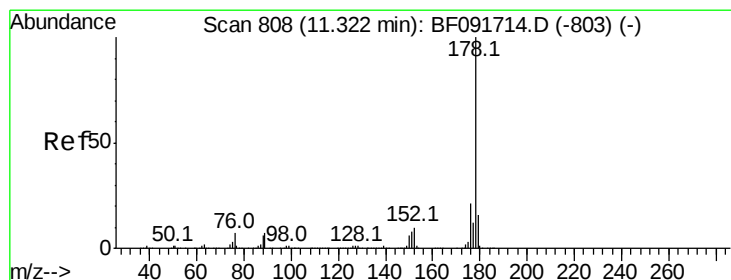
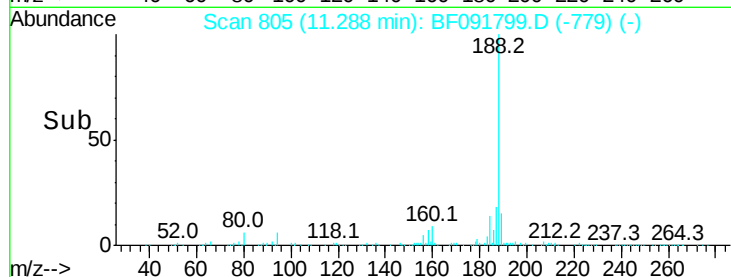
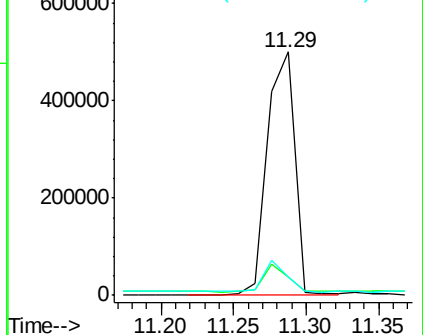
80 7.4 11.2 16.8#



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: 7.94 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

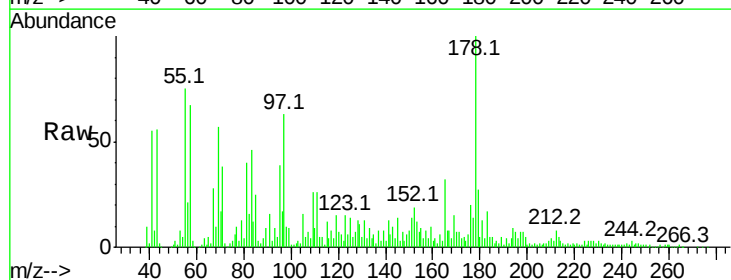
Tgt Ion:178 Resp: 258997

Ion Ratio Lower Upper

178 100

176 19.7 16.6 25.0

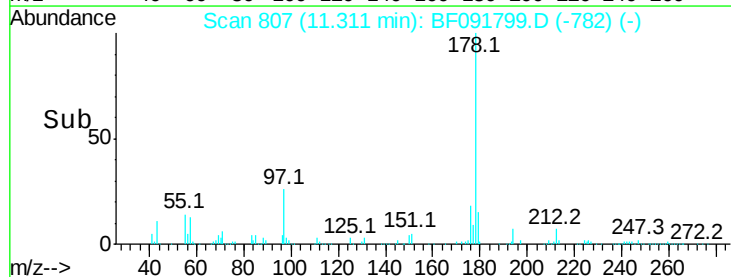
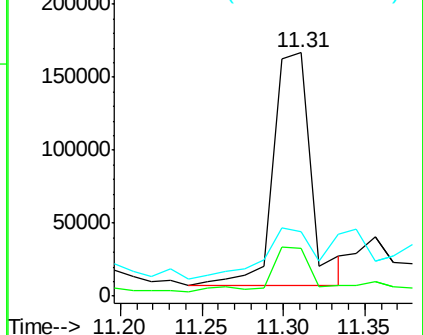
179 26.7 12.8 19.2#

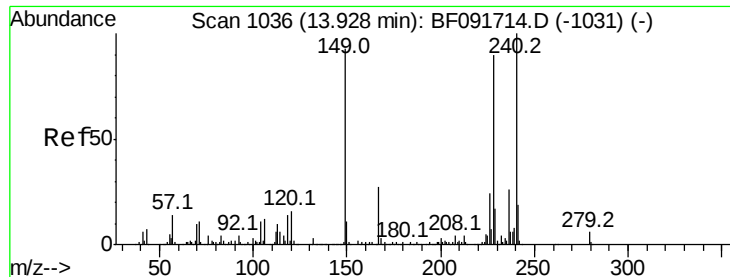


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

Instrument :

BNA_F

ClientSampleId :

SBW-2

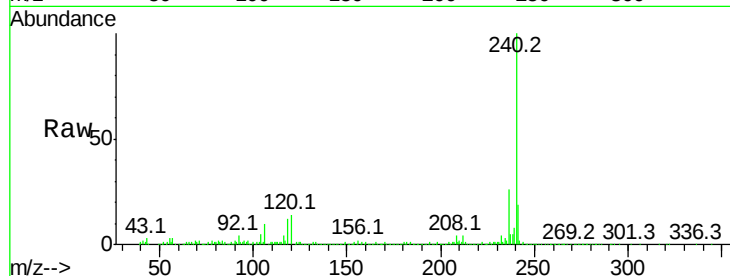
Tot Ion:240 Resp: 549809

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

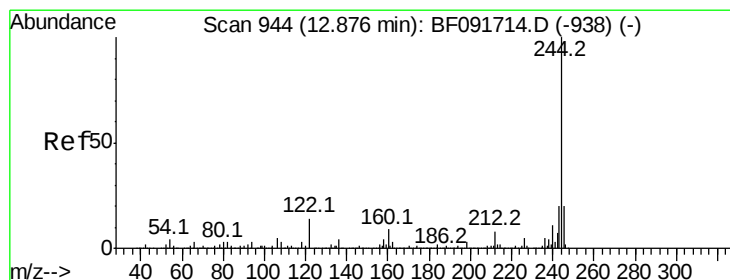
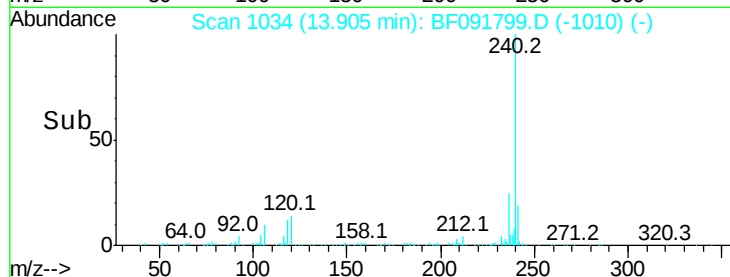
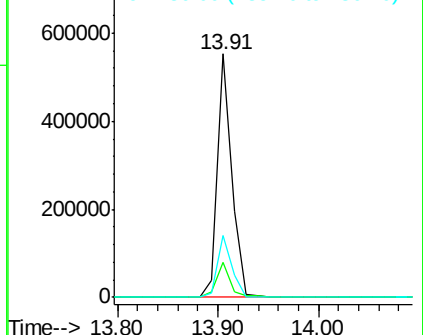
236 25.5 20.9 31.3



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



#78

Terphenyl-d14

Concen: 69.68 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091799.D

Acq: 20 Dec 2016 3:15

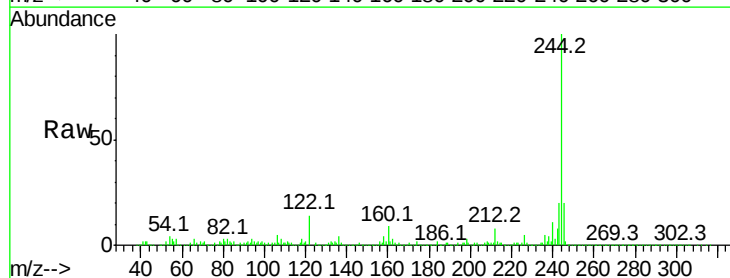
Tgt Ion:244 Resp: 1517248

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

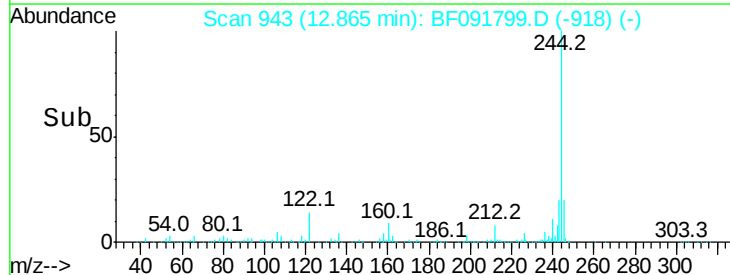
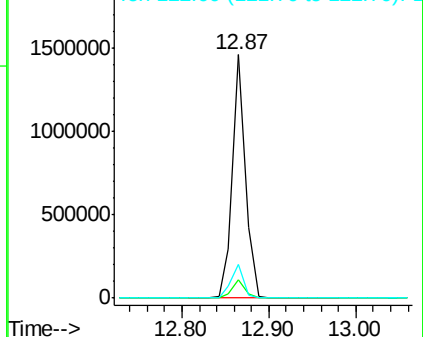
122 14.1 11.4 17.2

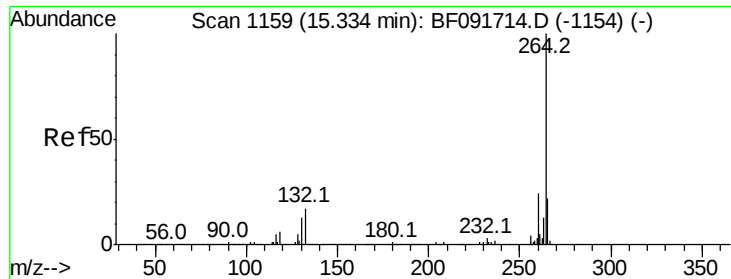


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091799.D
Acq: 20 Dec 2016 3:15

Instrument :
BNA_F
ClientSampleId :
SBW-2

Tot Ion: 264 Resp: 472327

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	17.4	26.0

