

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091826.D
 Acq On : 20 Dec 2016 18:04
 Operator : UM/SJ
 Sample : H6165-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-10-11

Quant Time: Dec 21 01:02:50 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

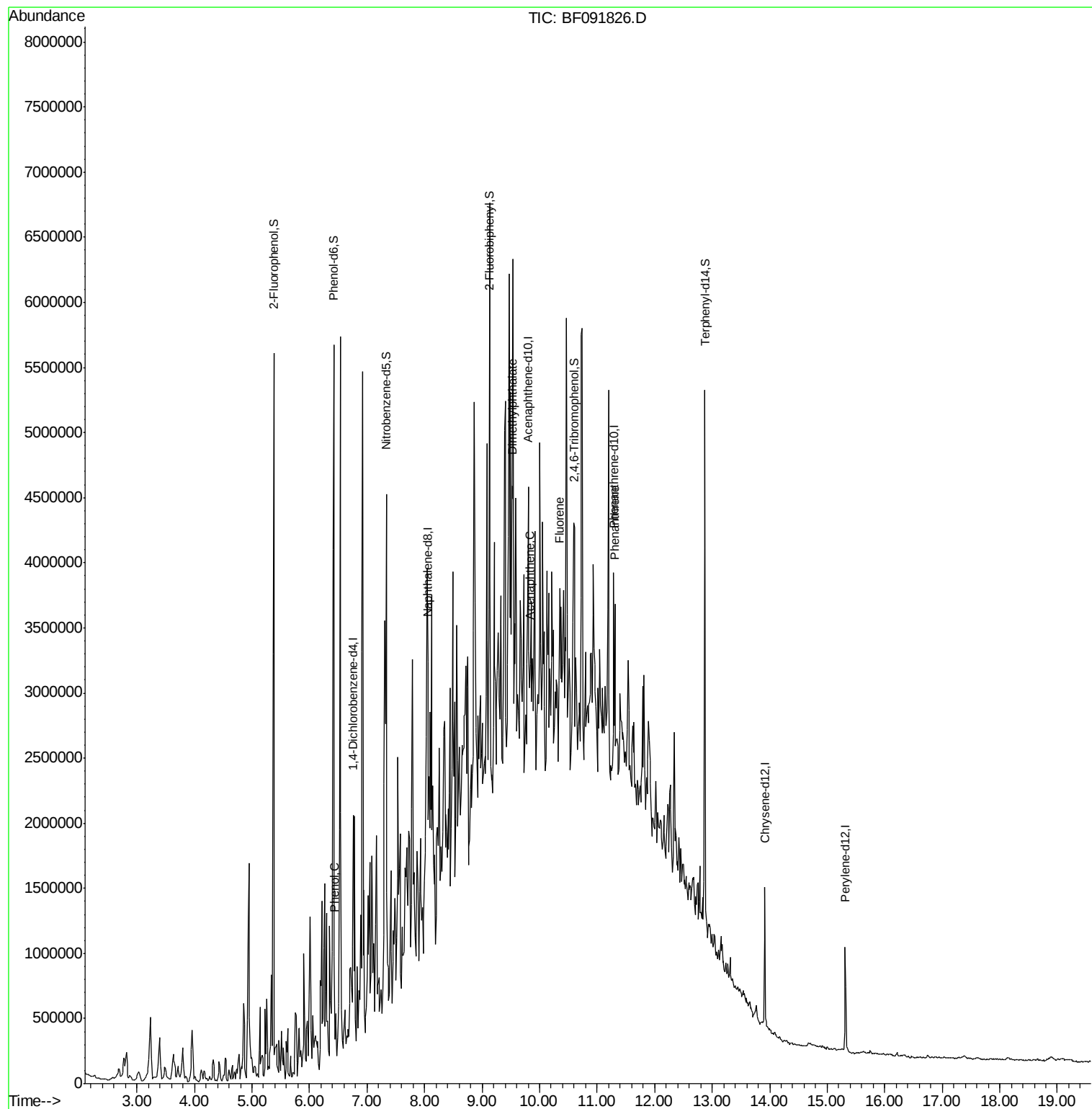
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	207040	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	766757	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	343135	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	580913	20.00	ng	0.00
75) Chrysene-d12	13.92	240	465129	20.00	ng	-0.01
86) Perylene-d12	15.31	264	396401	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1769647	143.20	ng	0.01
7) Phenol-d6	6.42	99	2269394	150.58	ng	0.00
23) Nitrobenzene-d5	7.33	82	1414038	106.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	364493	125.27	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1891649	110.75	ng	-0.01
78) Terphenyl-d14	12.88	244	1757177	95.39	ng	0.00
Target Compounds						
10) Phenol	6.43	94	102285	6.02	ng	# 65
49) Dimethylphthalate	9.53	163	350659	15.64	ng	# 97
51) Acenaphthene	9.84	154	86503	4.43	ng	# 86
57) Fluorene	10.35	166	145485	8.06	ng	# 83
70) Phenanthrene	11.31	178	450149	15.51	ng	# 95

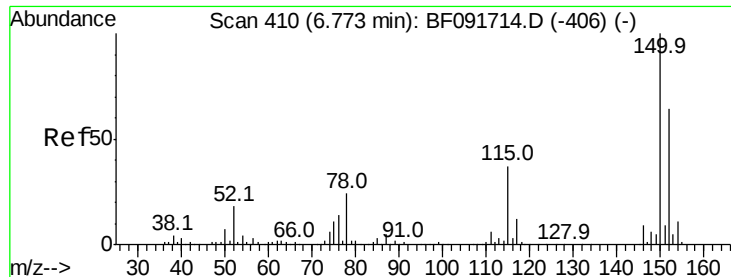
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091826.D

Acq: 20 Dec 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SB-2-10-11

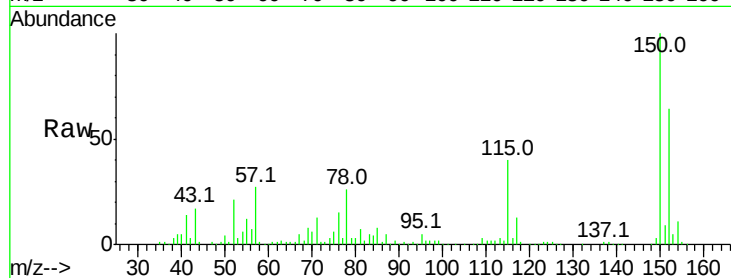
Tot Ion:152 Resp: 207040

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

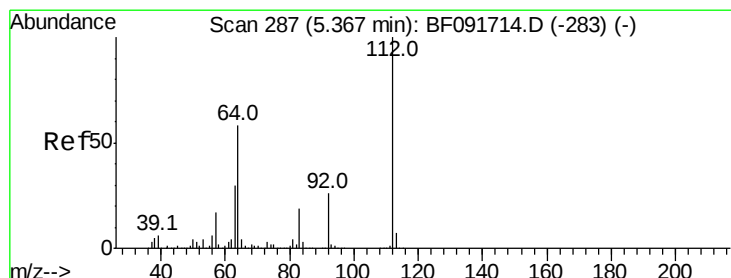
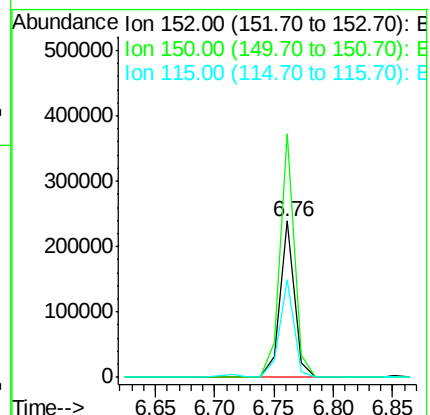
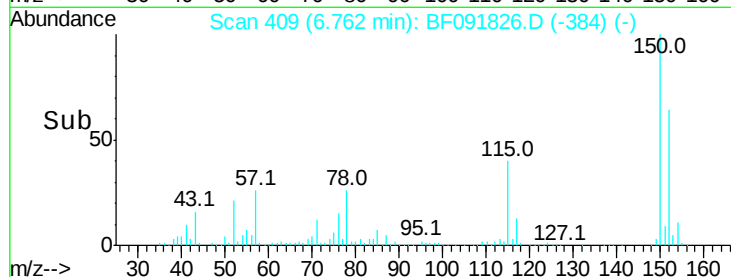
115 62.5 46.0 69.0



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: 143.20 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

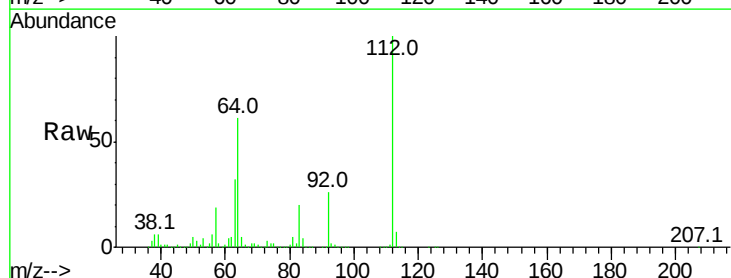
Tgt Ion:112 Resp: 1769647

Ion Ratio Lower Upper

112 100

64 60.9 46.1 69.1

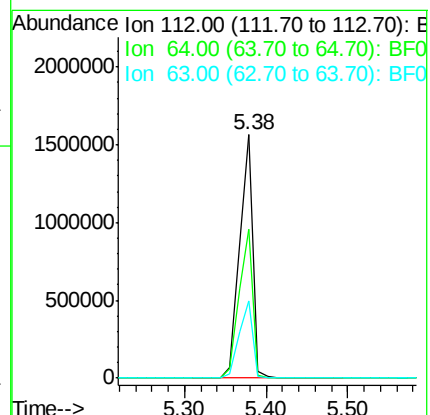
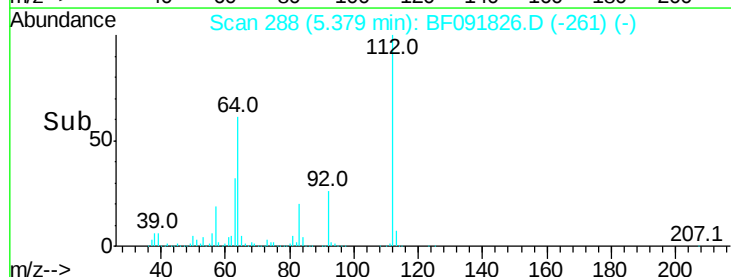
63 31.9 23.8 35.6

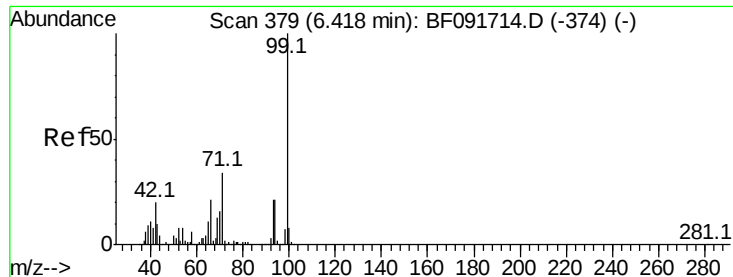


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.58 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SB-2-10-11

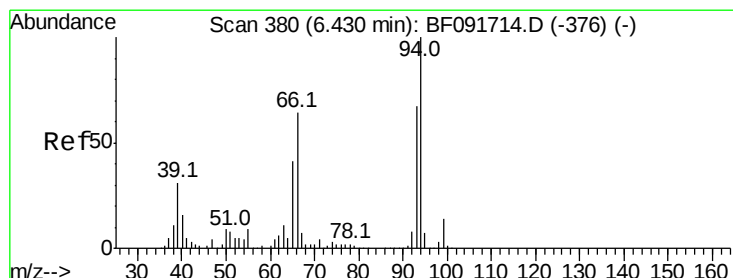
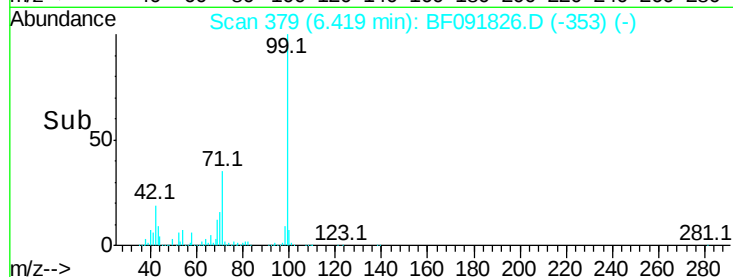
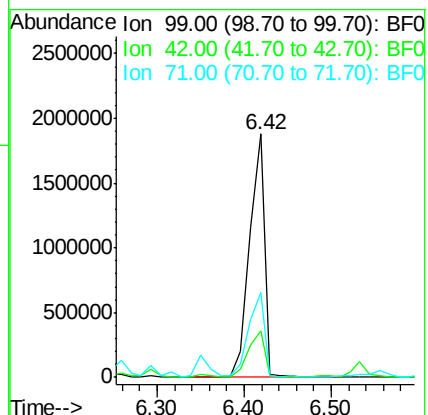
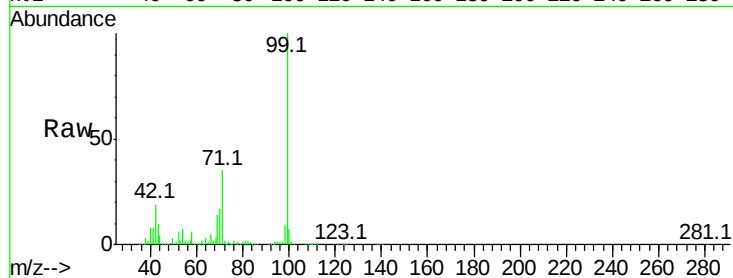
Tot Ion: 99 Resp: 2269394

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 35.0 27.5 41.3



#10

Phenol

Concen: 6.02 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

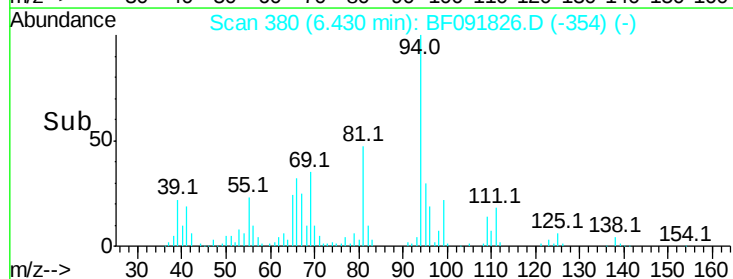
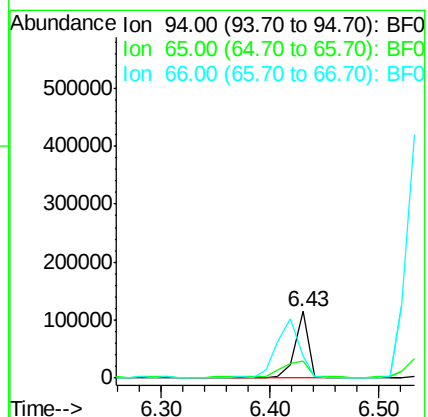
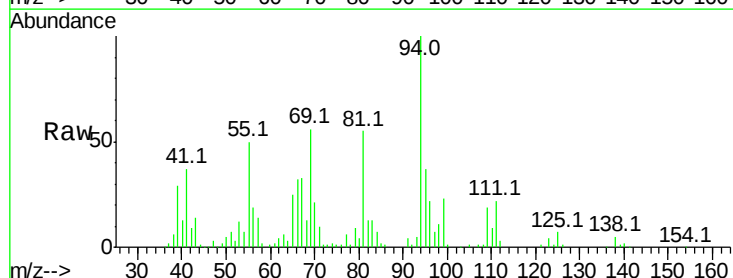
Tgt Ion: 94 Resp: 102285

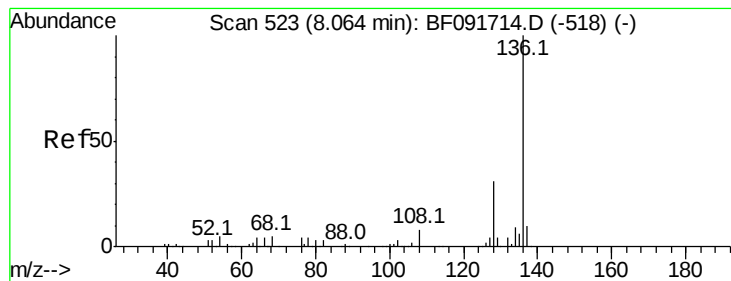
Ion Ratio Lower Upper

94 100

65 25.1 21.4 61.4

66 32.4 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: BF091826.D

Acq: 20 Dec 2016 18:04

Instrument :

BNA_F

ClientSampled :

SB-2-10-11

Tot Ion:136 Resp: 766757

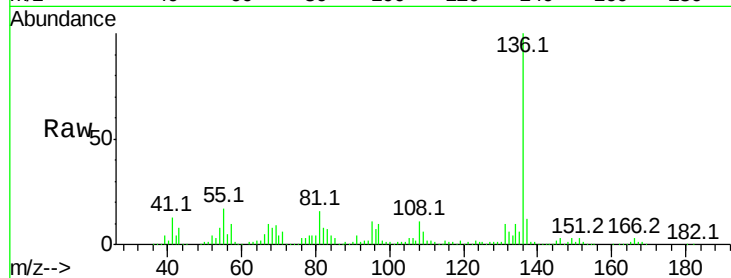
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 7.9 4.5 6.7#

68 7.6 3.6 5.4#

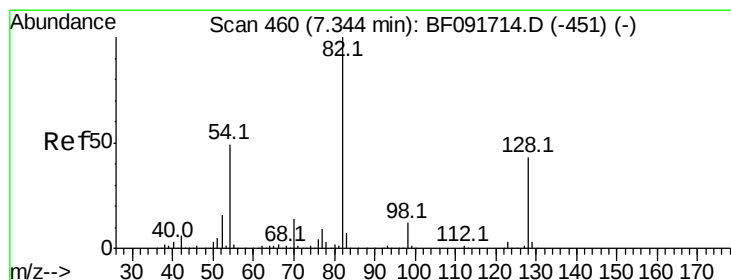
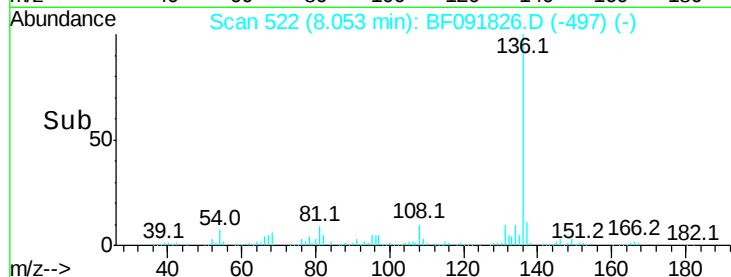
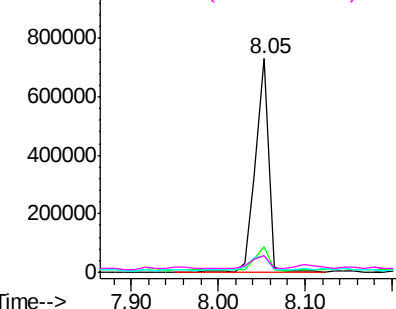


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.35 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

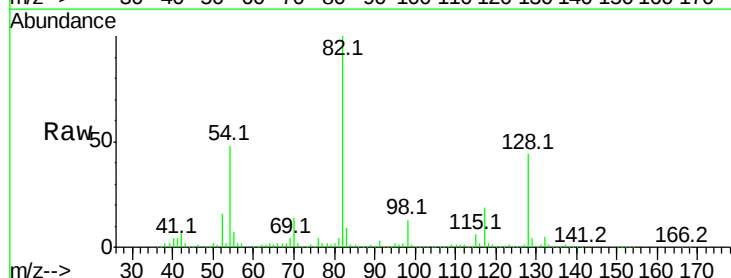
Tgt Ion: 82 Resp: 1414038

Ion Ratio Lower Upper

82 100

128 43.6 34.6 52.0

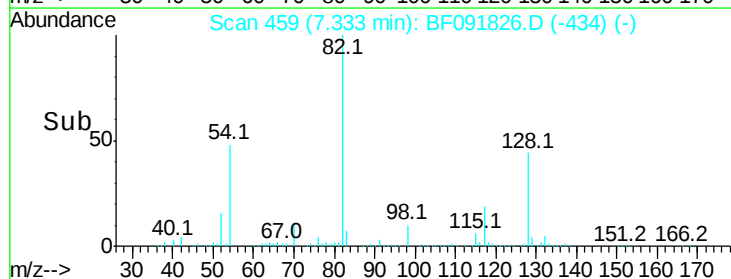
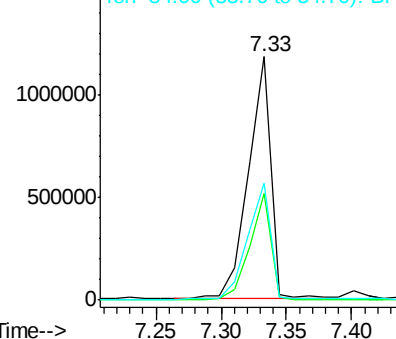
54 48.1 39.5 59.3

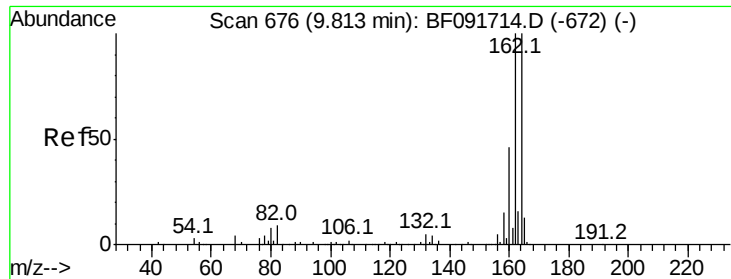


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF091826.D

Acq: 20 Dec 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SB-2-10-11

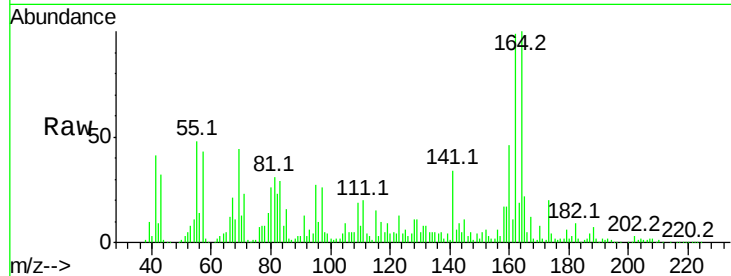
Tot Ion:164 Resp: 343135

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

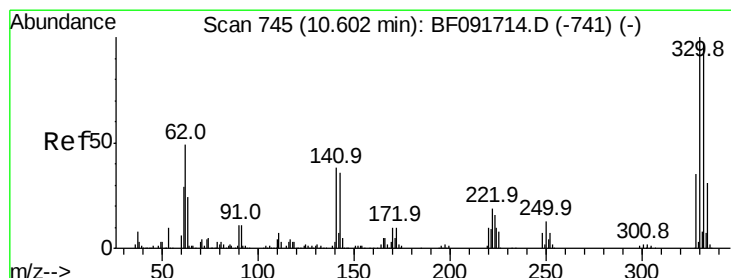
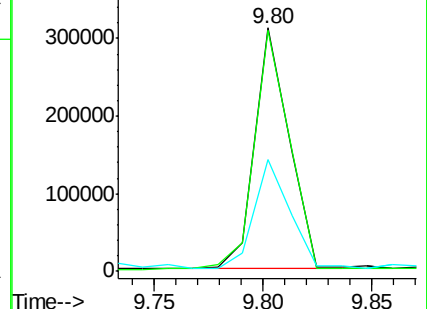
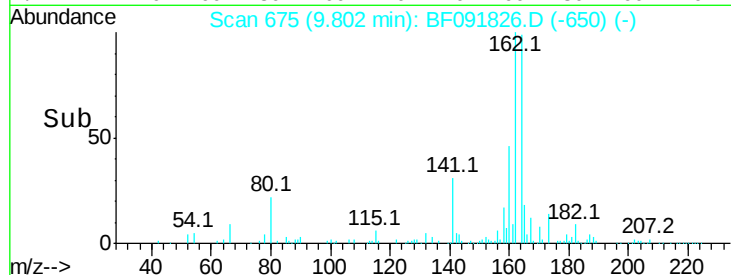
160 46.2 36.9 55.3



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: 125.27 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

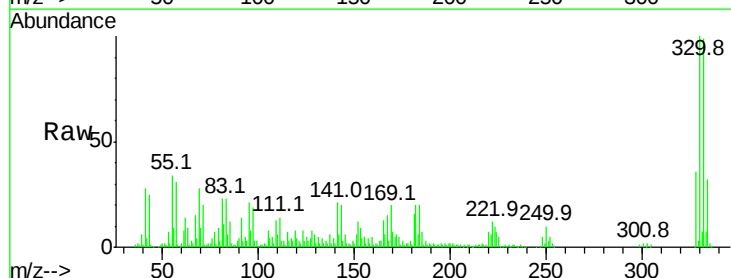
Tgt Ion:330 Resp: 364493

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

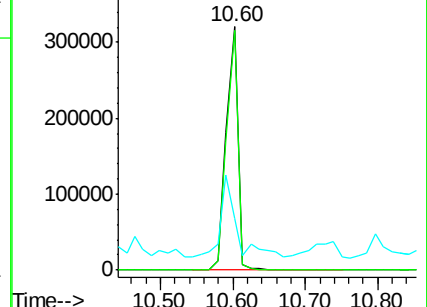
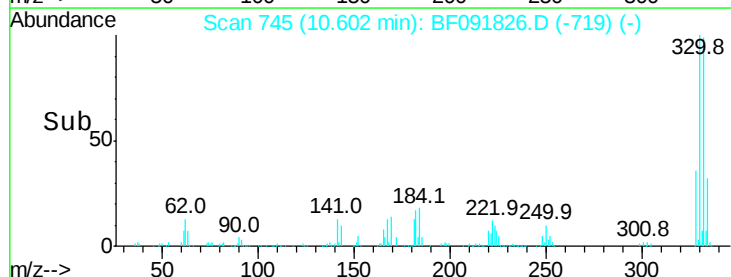
141 44.7 34.1 51.1

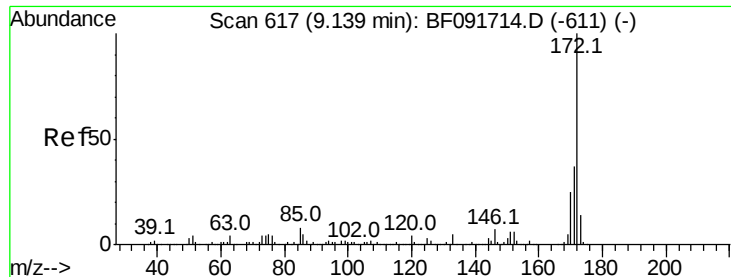


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

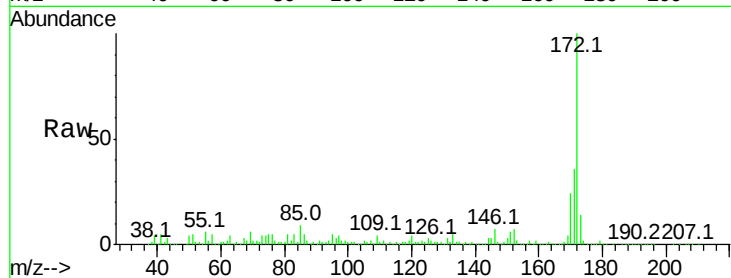




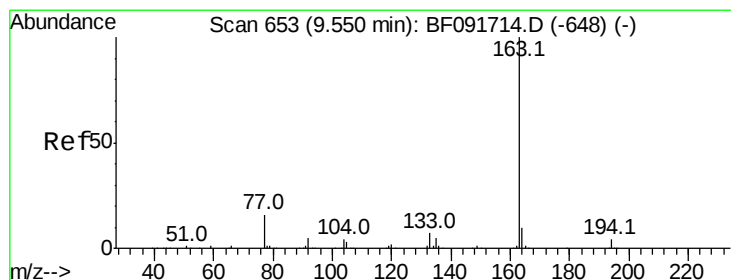
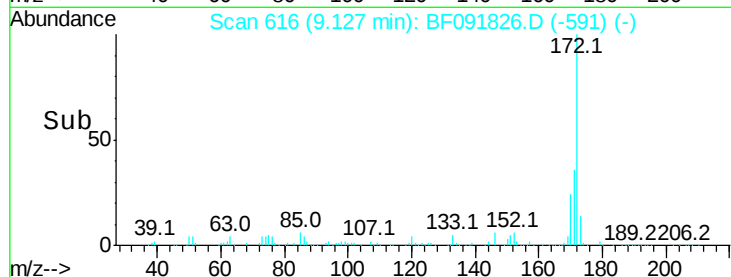
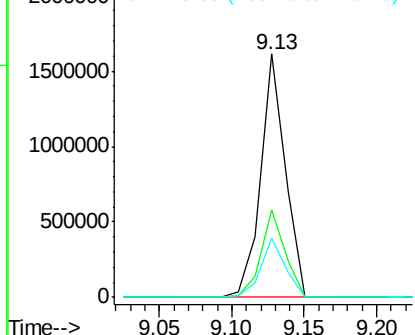
#44
2-Fluorobiphenyl
Concen: 110.75 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091826.D
Acq: 20 Dec 2016 18:04

Instrument :
BNA_F
ClientSampleId :
SB-2-10-11

Tot Ion:172 Resp: 1891649
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 24.3 20.2 30.4

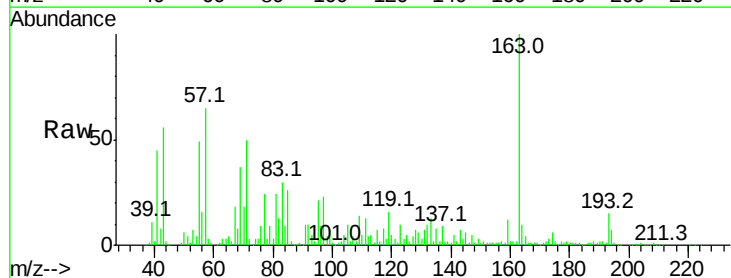


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

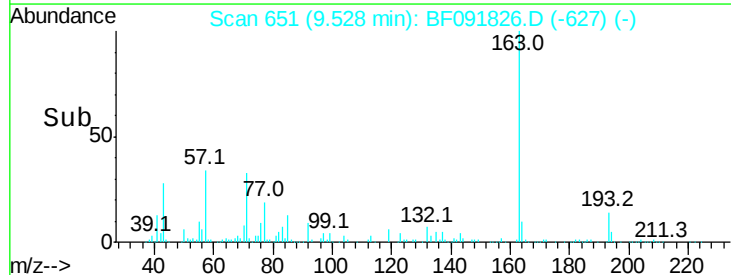
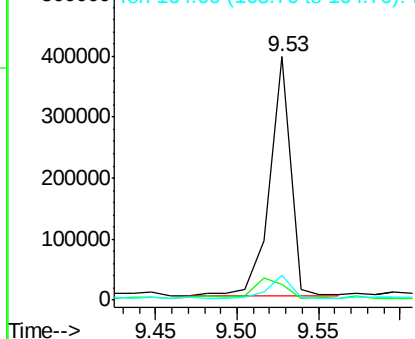


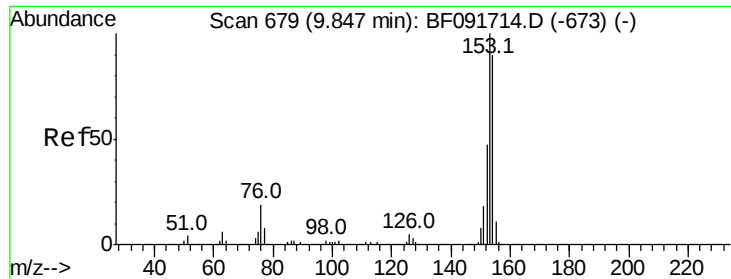
#49
Dimethylphthalate
Concen: 15.64 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091826.D
Acq: 20 Dec 2016 18:04

Tgt Ion:163 Resp: 350659
Ion Ratio Lower Upper
163 100
194 6.6 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





#51

Acenaphthene

Concen: 4.43 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SB-2-10-11

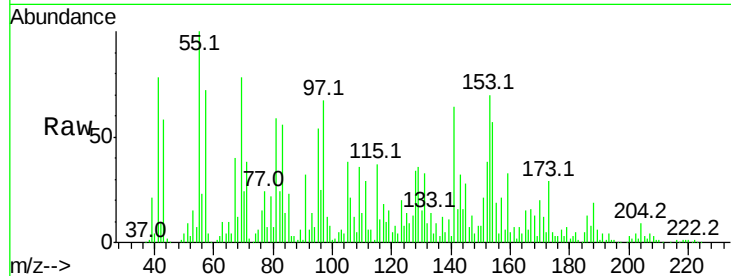
Tot Ion:154 Resp: 86503

Ion Ratio Lower Upper

154 100

153 122.0 88.6 133.0

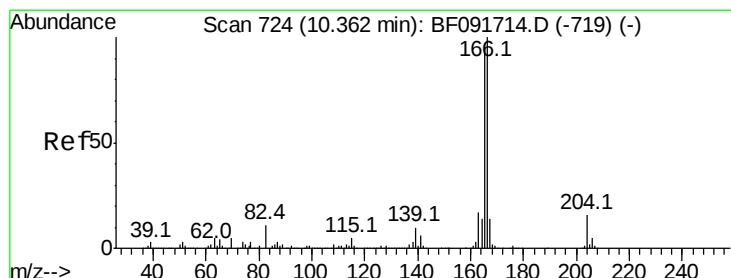
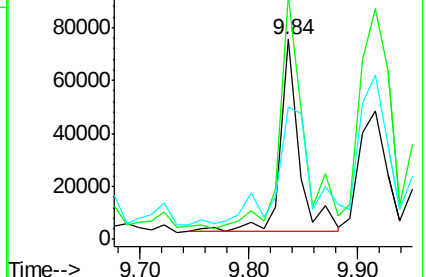
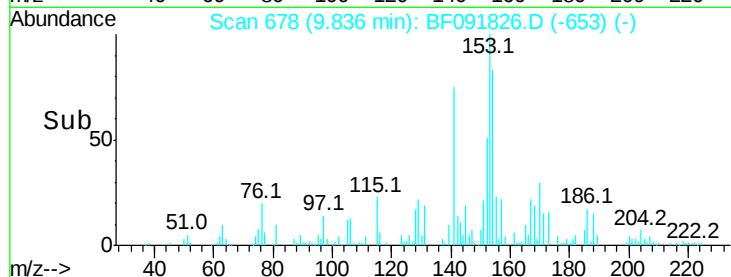
152 66.0 41.6 62.4#



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: 8.06 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

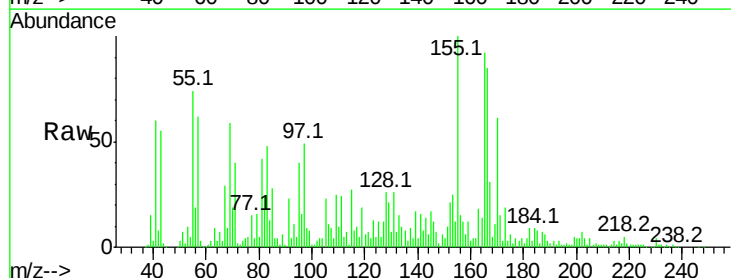
Tgt Ion:166 Resp: 145485

Ion Ratio Lower Upper

166 100

165 108.6 77.8 116.8

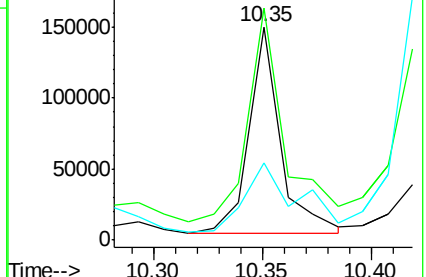
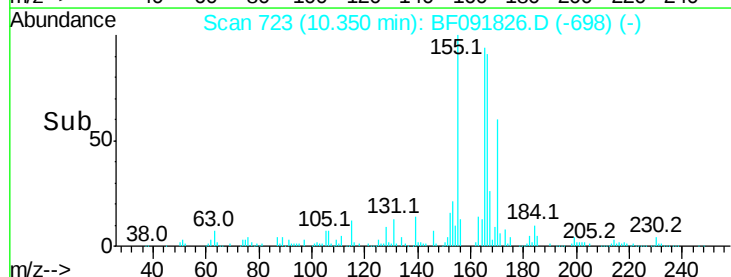
167 36.2 10.8 16.2#

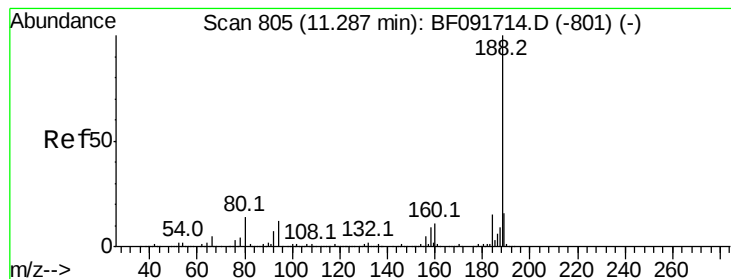


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF091826.D

Acq: 20 Dec 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SB-2-10-11

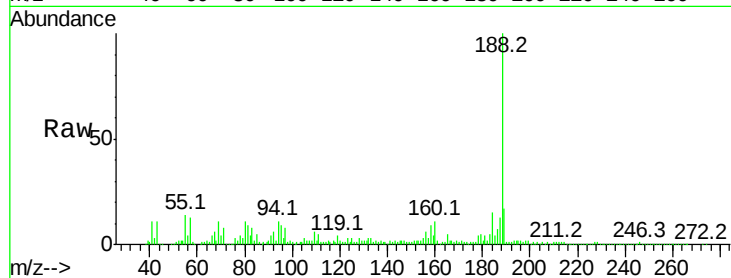
Tot Ion:188 Resp: 580913

Ion Ratio Lower Upper

188 100

94 10.8 10.0 15.0

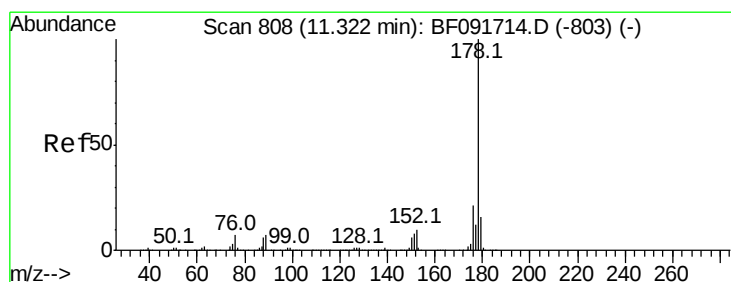
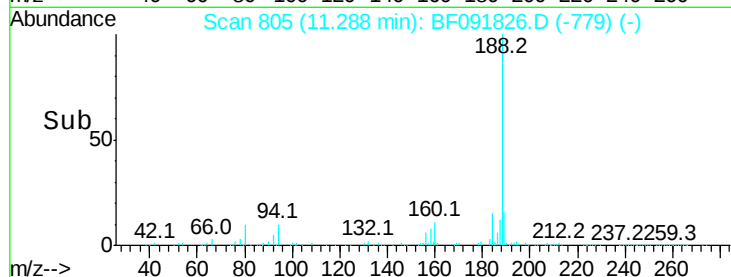
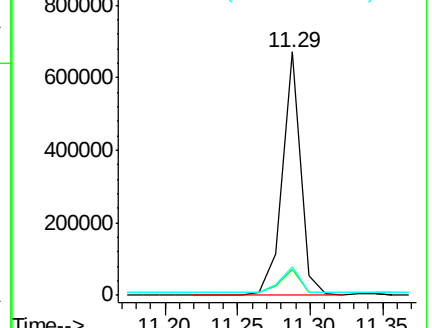
80 11.5 11.2 16.8



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: 15.51 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

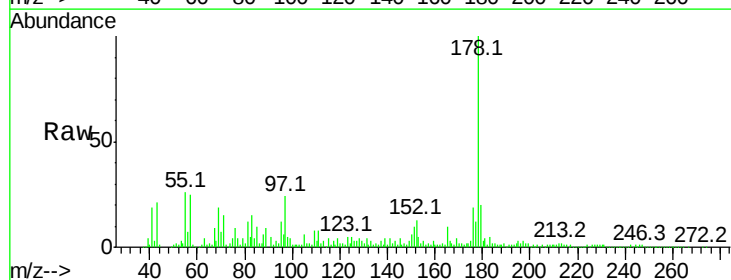
Tgt Ion:178 Resp: 450149

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

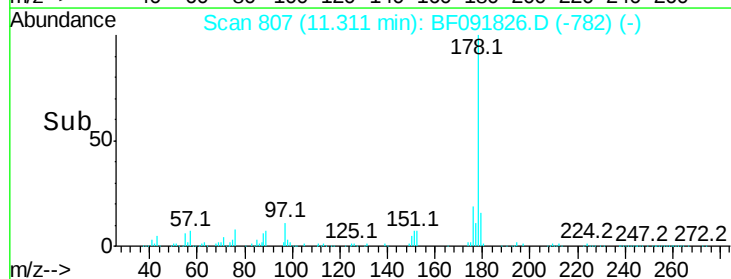
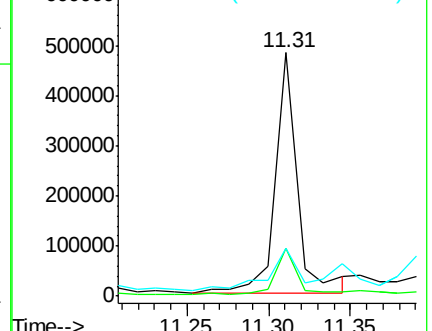
179 19.6 12.8 19.2#

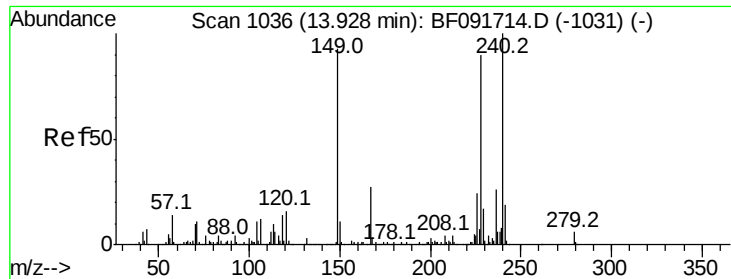


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SB-2-10-11

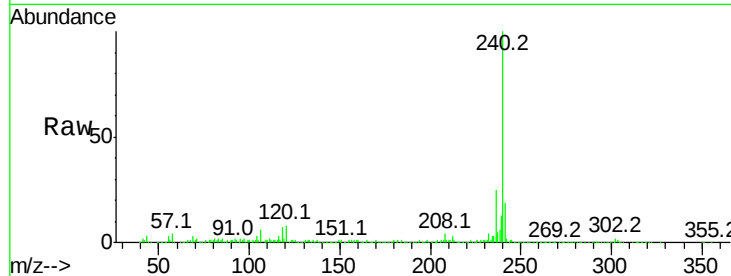
Tot Ion:240 Resp: 465129

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

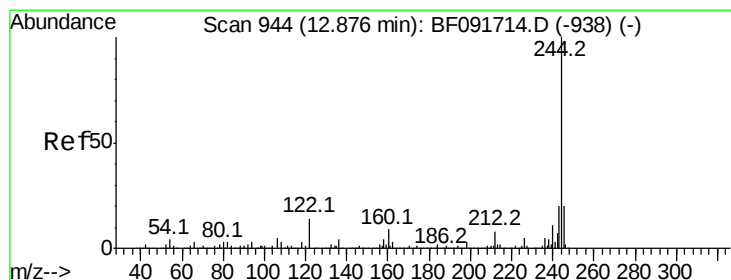
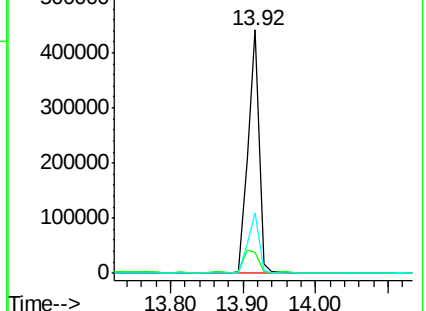
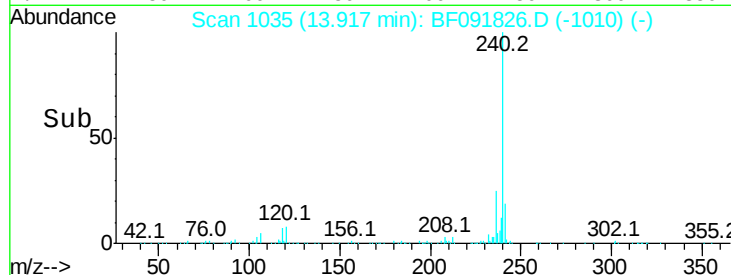
236 25.0 20.9 31.3



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



#78

Terphenyl-d14

Concen: 95.39 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091826.D

Acq: 20 Dec 2016 18:04

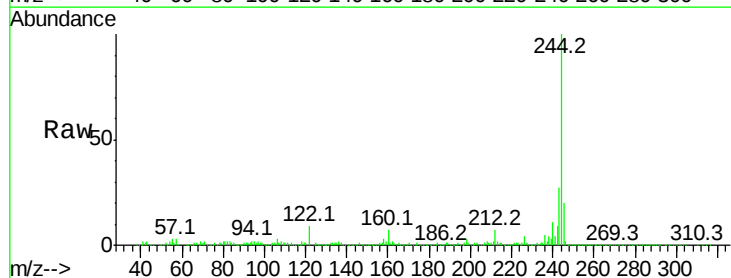
Tgt Ion:244 Resp: 1757177

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

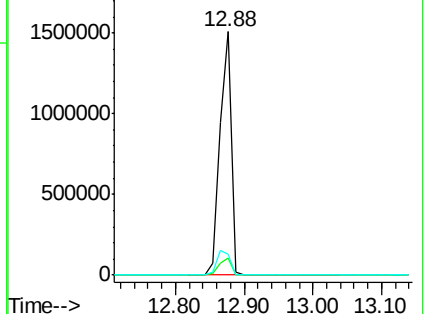
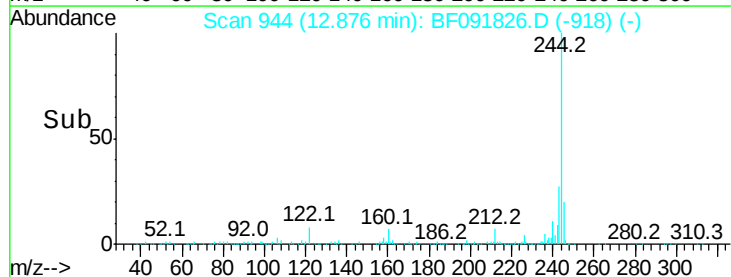
122 8.5 11.4 17.2#

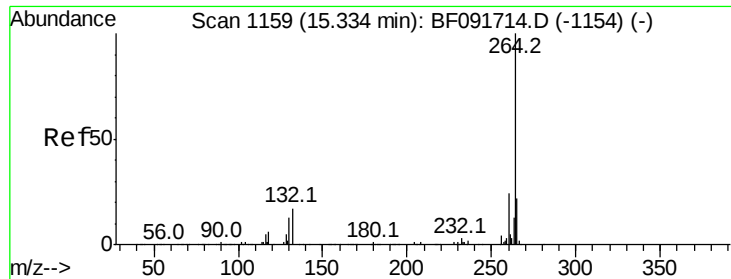


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

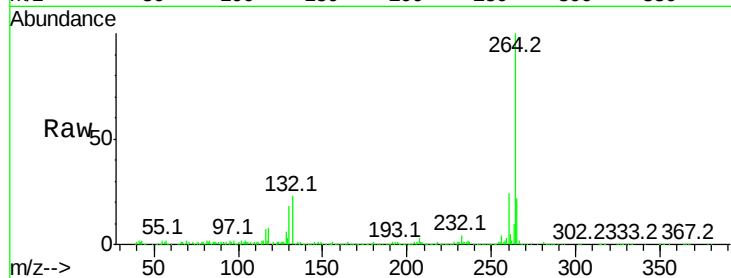




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091826.D
 Acq: 20 Dec 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-2-10-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	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

