

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093623.D
 Acq On : 13 Mar 2017 22:28
 Operator : SJ/MA
 Sample : I2137-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Quant Time: Mar 14 02:07:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

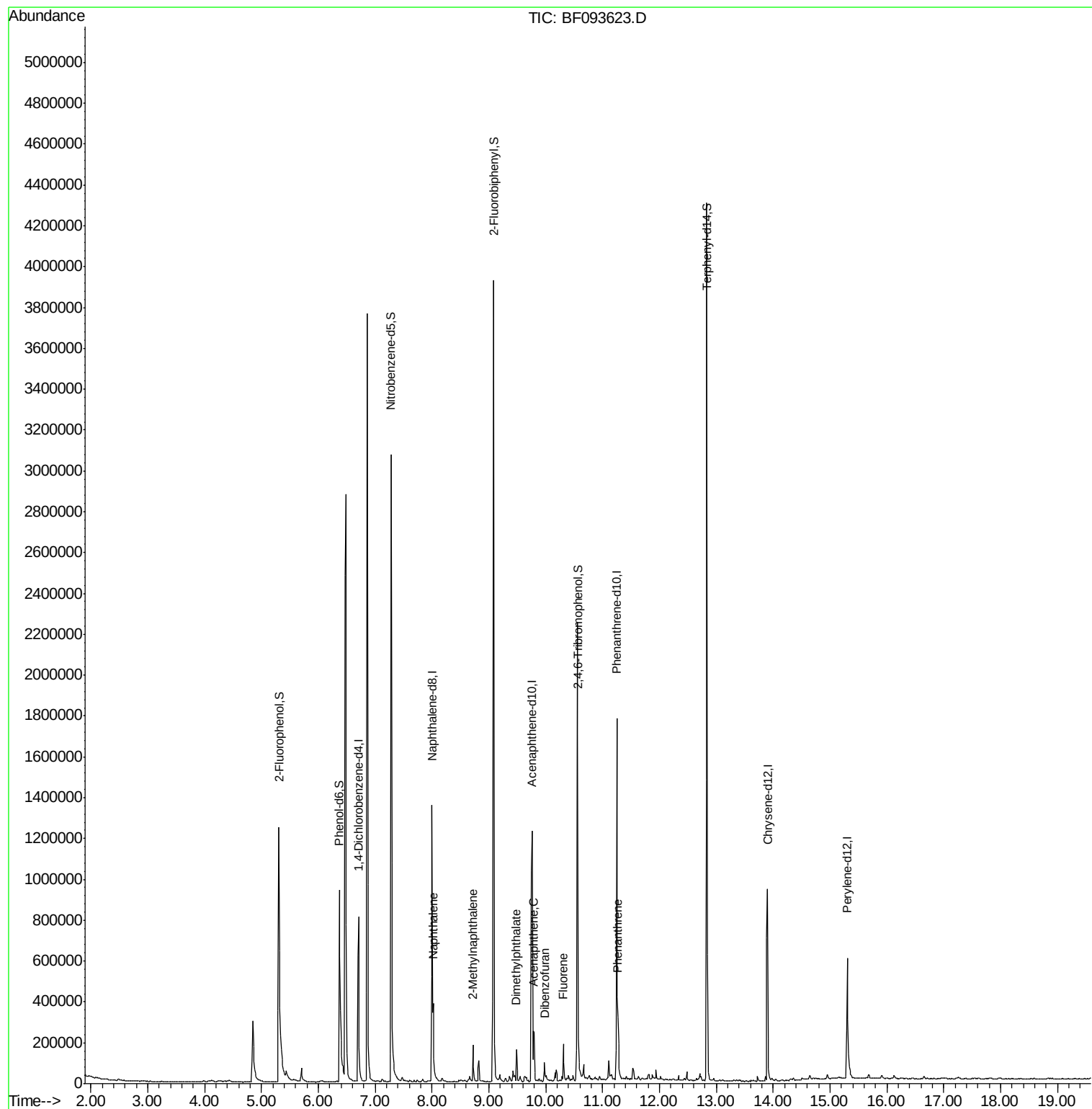
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	177533	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	687602	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	331286	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	647855	20.00	ng	0.00
75) Chrysene-d12	13.90	240	480731	20.00	ng	0.01
86) Perylene-d12	15.31	264	300299	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	644083	60.38	ng	-0.01
7) Phenol-d6	6.37	99	598185	44.47	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1143999	92.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	357341	165.56	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1928901	108.30	ng	0.00
78) Terphenyl-d14	12.84	244	1405240	76.00	ng	0.01
Target Compounds						Qvalue
31) Naphthalene	8.02	128	204238	5.93	ng	98
37) 2-Methylnaphthalene	8.72	142	55052	2.51	ng	98
49) Dimethylphthalate	9.49	163	68235	3.11	ng	99
51) Acenaphthene	9.80	154	84074	4.67	ng	99
54) Dibenzofuran	9.98	168	52413	2.32	ng	95
57) Fluorene	10.31	166	63283	3.31	ng	96
70) Phenanthrene	11.27	178	130167	3.52	ng	96

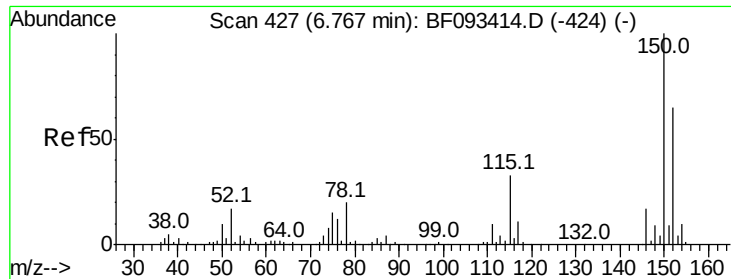
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093623.D
Acq On : 13 Mar 2017 22:28
Operator : SJ/MA
Sample : I2137-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
38D-9-11

Quant Time: Mar 14 02:07:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration



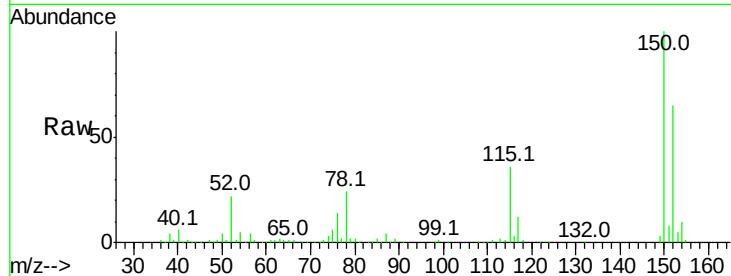


#1

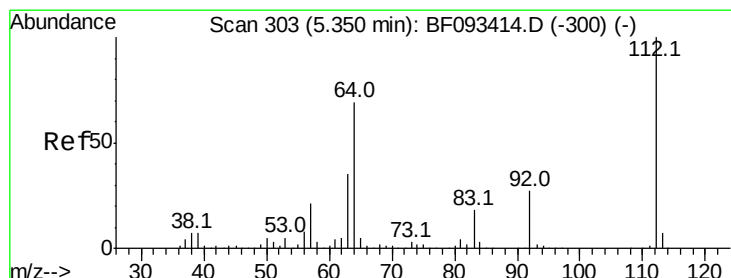
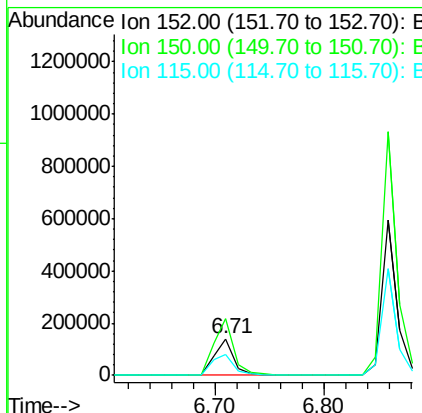
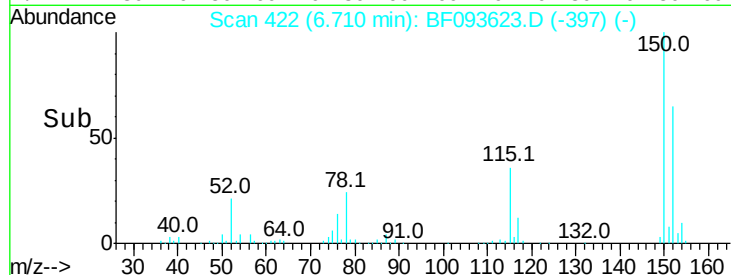
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093623.D
 Acq: 13 Mar 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Tot Ion:152 Resp: 177533
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.9 187.3
 115 55.8 46.0 69.0



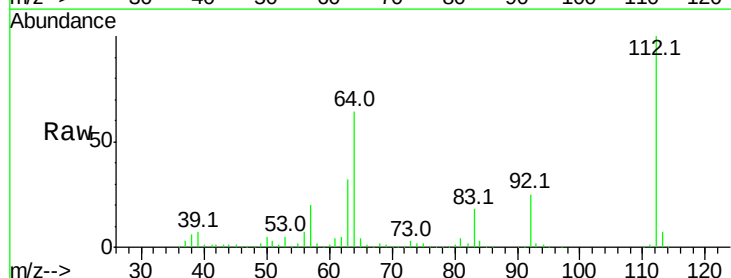
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



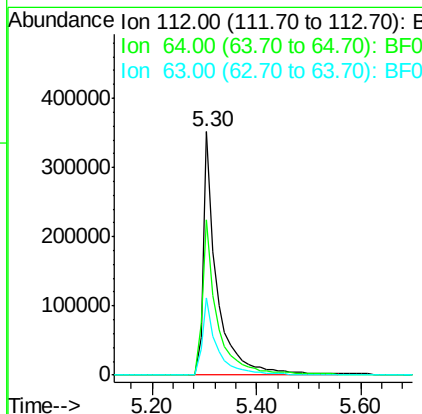
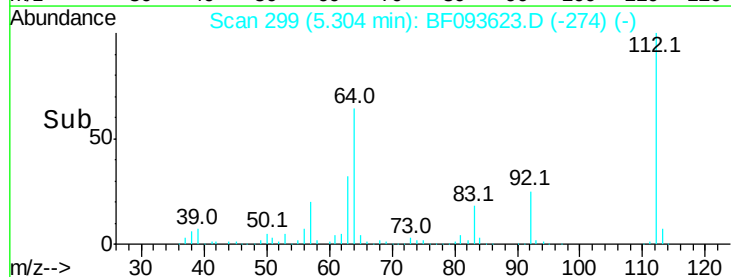
#5

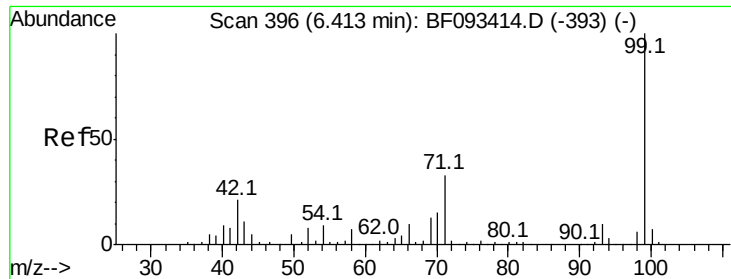
2-Fluorophenol
 Concen: 60.38 ng
 RT: 5.30 min Scan# 299
 Delta R.T. -0.01 min
 Lab File: BF093623.D
 Acq: 13 Mar 2017 22:28

Tgt Ion:112 Resp: 644083
 Ion Ratio Lower Upper
 112 100
 64 63.9 46.1 69.1
 63 31.5 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: 44.47 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

Instrument :

BNA_F

ClientSampleId :

38D-9-11

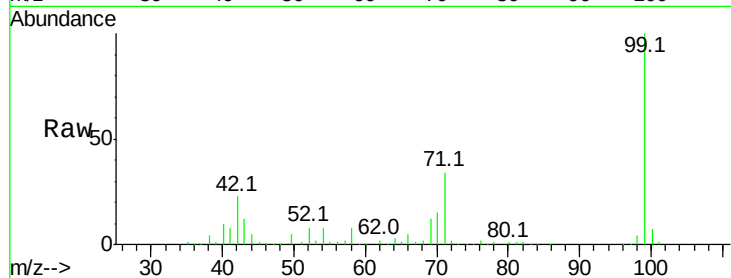
Tot Ion: 99 Resp: 598185

Ion Ratio Lower Upper

99 100

42 23.0 15.6 23.4

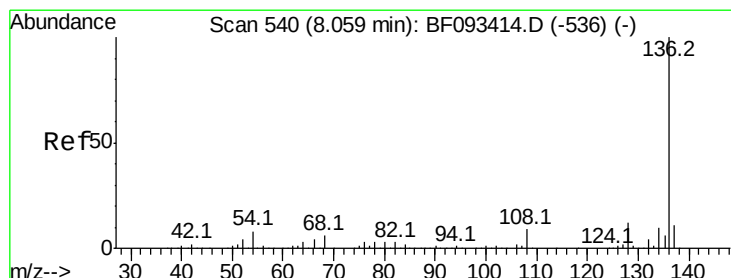
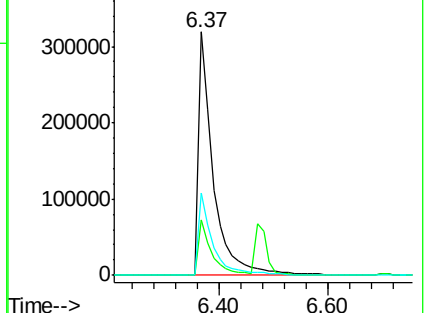
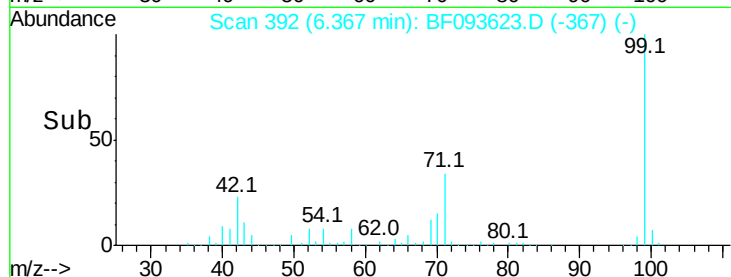
71 33.9 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

Tgt Ion: 136 Resp: 687602

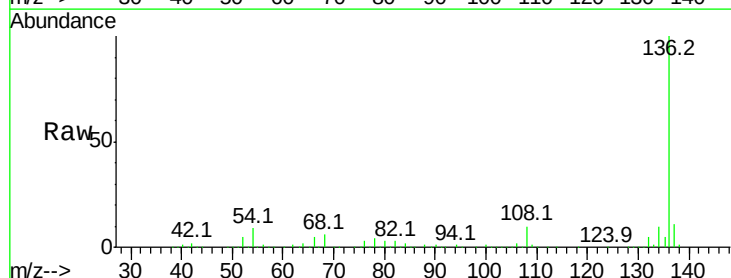
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.1 4.5 6.7#

68 6.4 3.6 5.4#

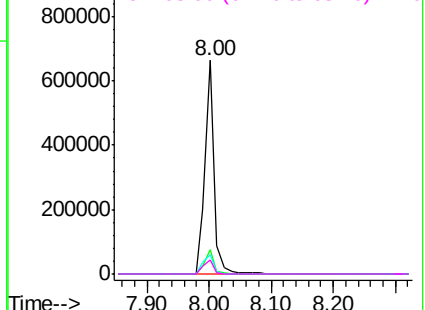
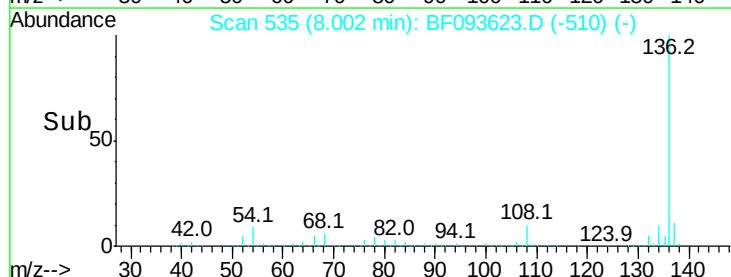


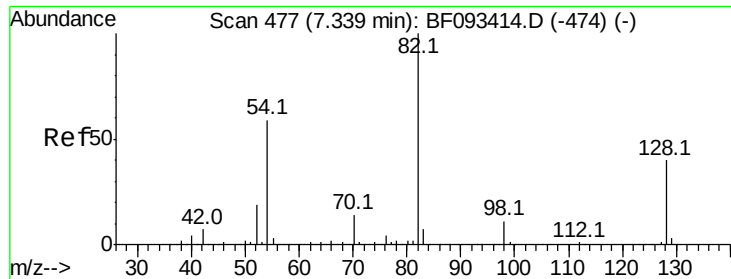
Abundance Ion 136.00 (135.70 to 136.70): E

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

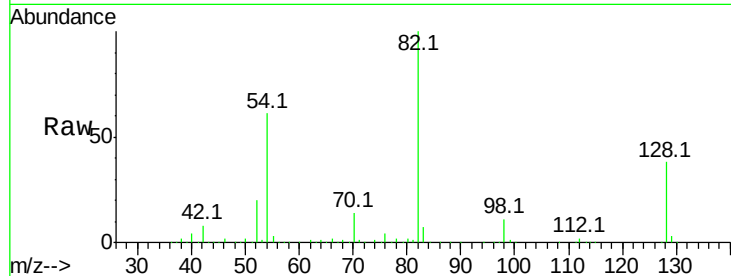




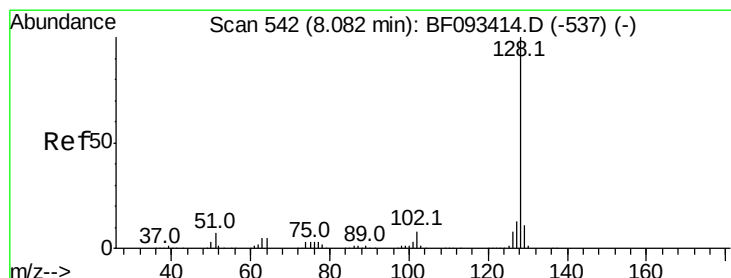
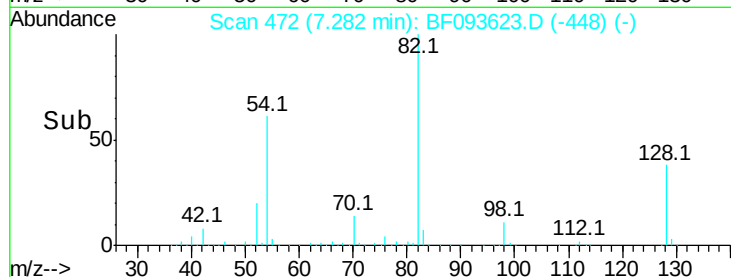
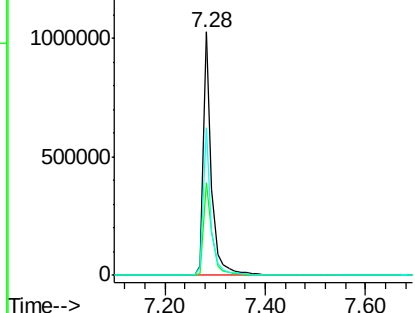
#23
 Nitrobenzene-d5
 Concen: 92.31 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093623.D
 Acq: 13 Mar 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Tot Ion: 82 Resp: 1143999
 Ion Ratio Lower Upper
 82 100
 128 37.8 34.6 52.0
 54 60.7 39.5 59.3#

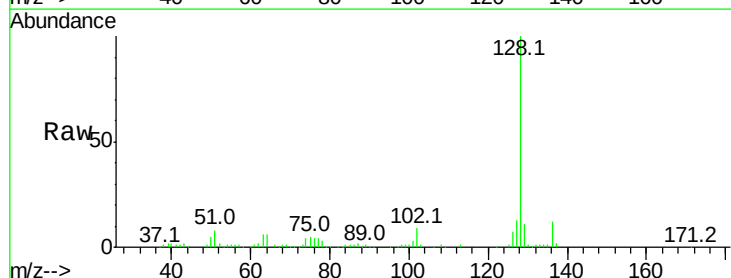


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

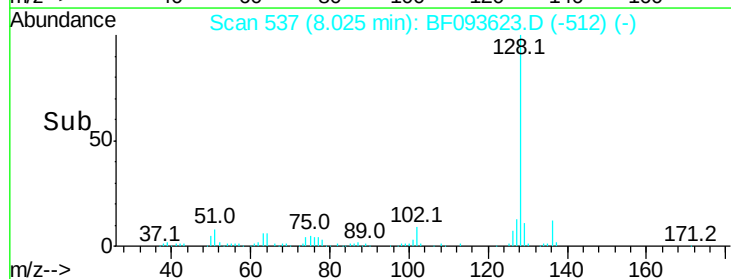
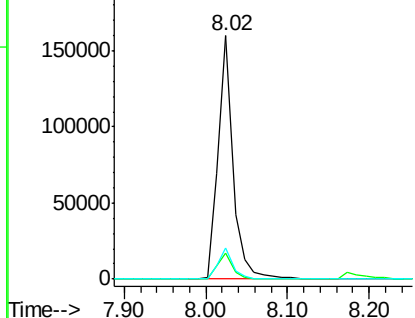


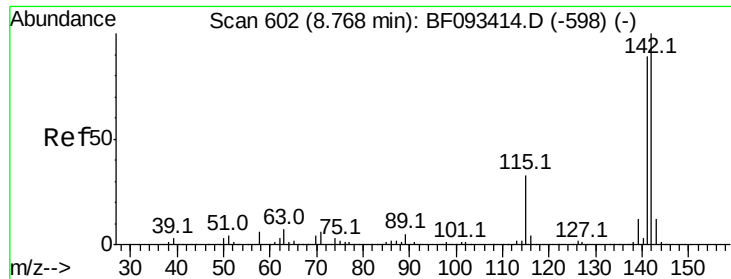
#31
 Naphthalene
 Concen: 5.93 ng
 RT: 8.02 min Scan# 537
 Delta R.T. -0.01 min
 Lab File: BF093623.D
 Acq: 13 Mar 2017 22:28

Tgt Ion:128 Resp: 204238
 Ion Ratio Lower Upper
 128 100
 129 10.8 9.5 14.3
 127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

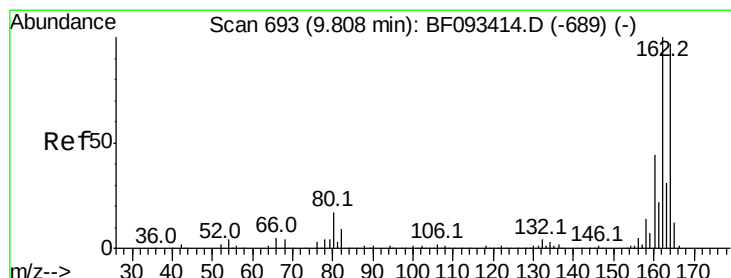
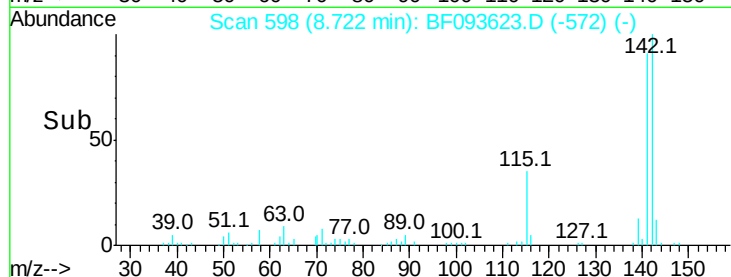
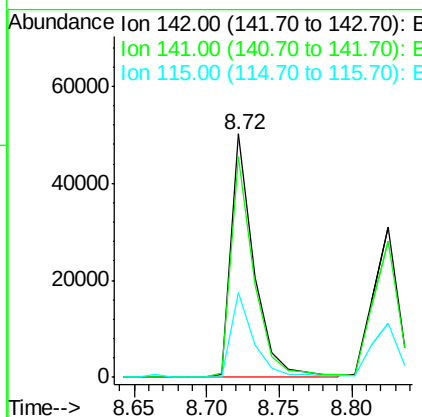
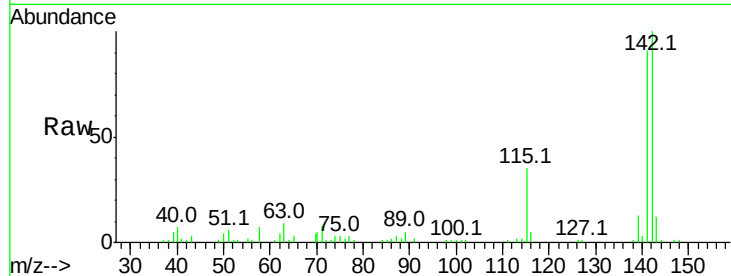




#37
2-Methylnaphthalene
Concen: 2.51 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093623.D
Acq: 13 Mar 2017 22:28

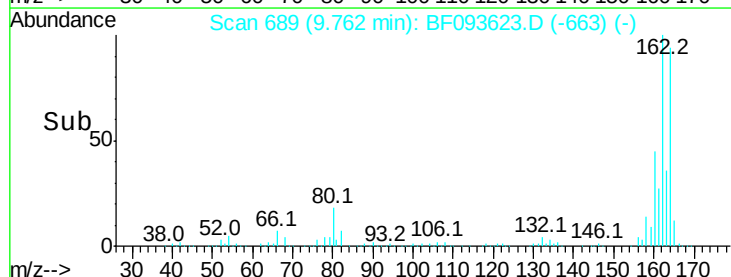
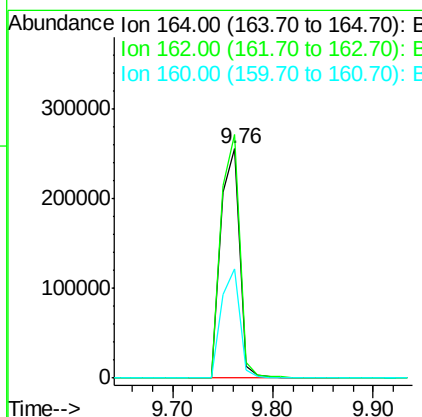
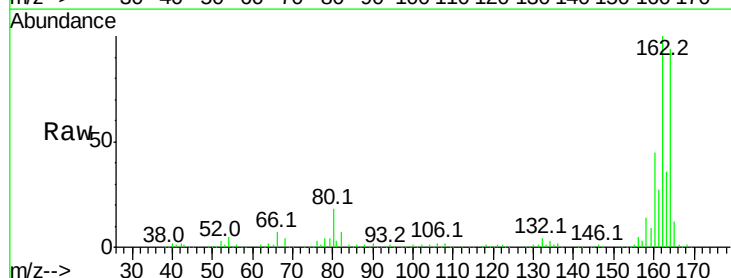
Instrument :
BNA_F
ClientSampleId :
38D-9-11

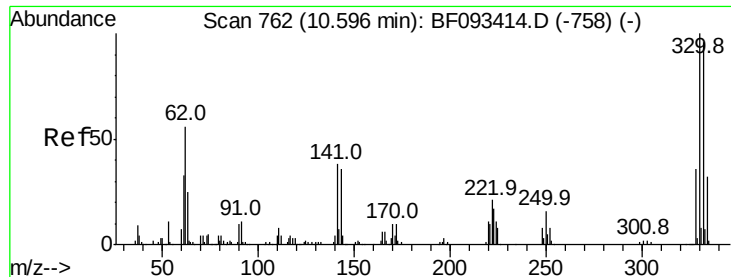
Tot Ion:142 Resp: 55052
Ion Ratio Lower Upper
142 100
141 90.8 71.0 106.6
115 34.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093623.D
Acq: 13 Mar 2017 22:28

Tgt Ion:164 Resp: 331286
Ion Ratio Lower Upper
164 100
162 106.2 80.2 120.2
160 47.4 36.9 55.3

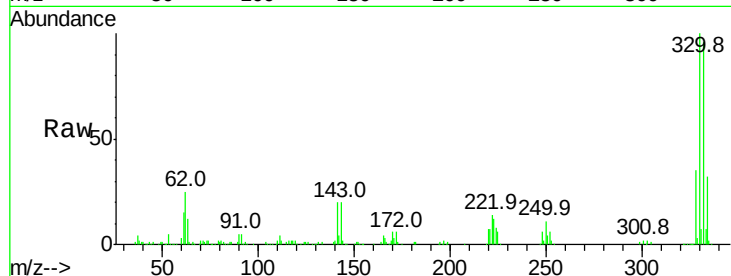




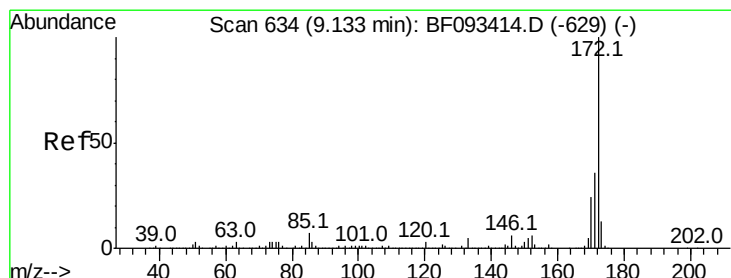
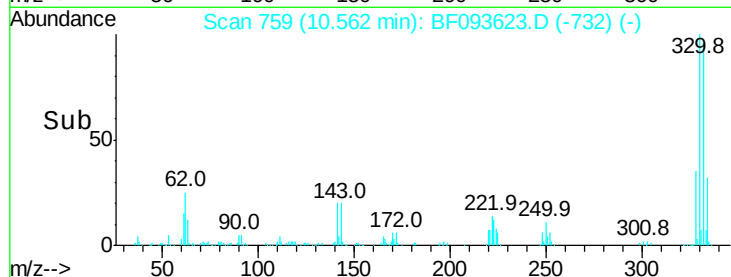
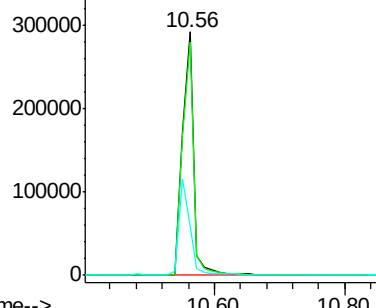
#41
 2,4,6-Tribromophenol
 Concen: 165.56 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093623.D
 Acq: 13 Mar 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	39.1	34.1	51.1

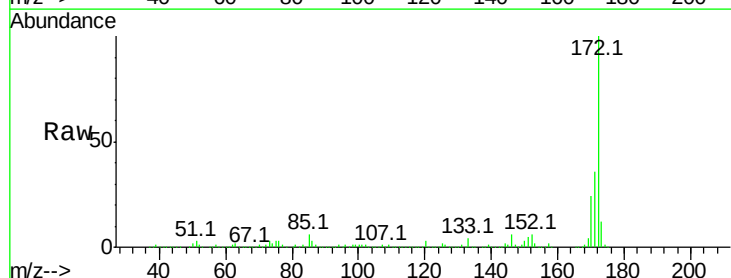


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

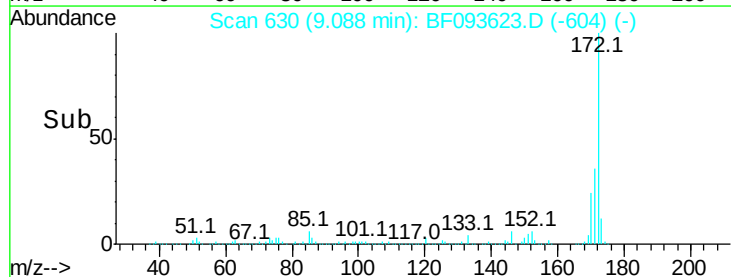
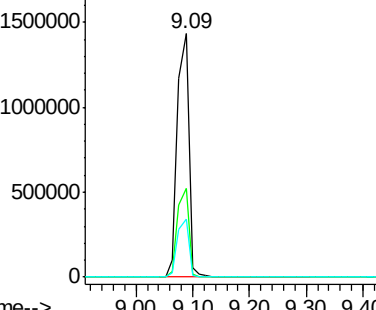


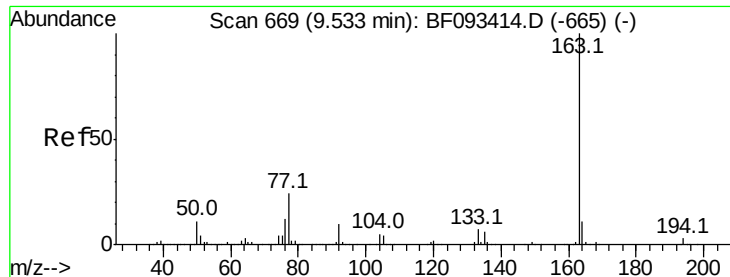
#44
 2-Fluorobiphenyl
 Concen: 108.30 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093623.D
 Acq: 13 Mar 2017 22:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.0	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: 3.11 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

Instrument :

BNA_F

ClientSampleId :

38D-9-11

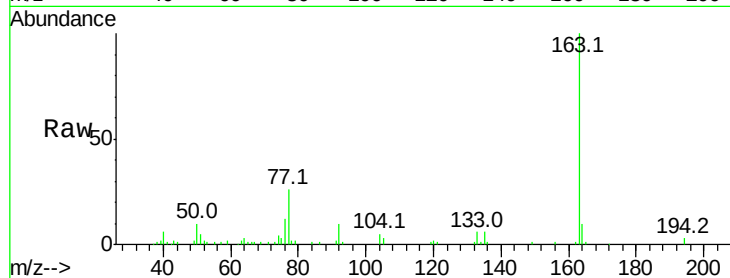
Tot Ion:163 Resp: 68235

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

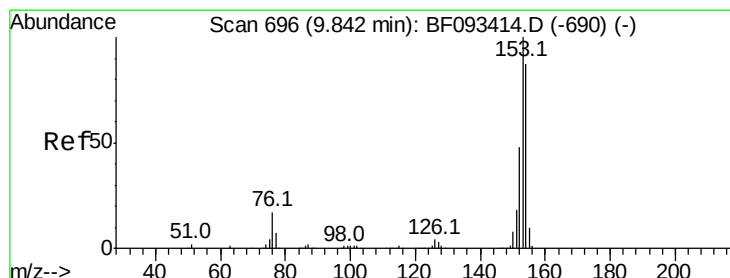
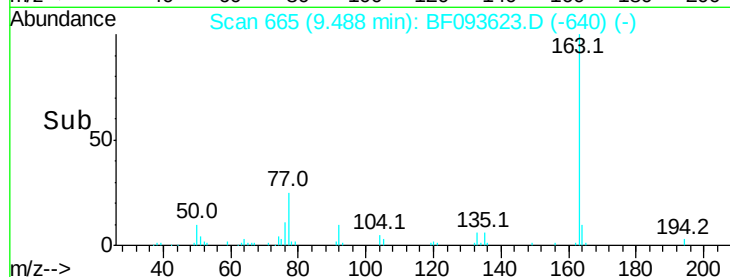
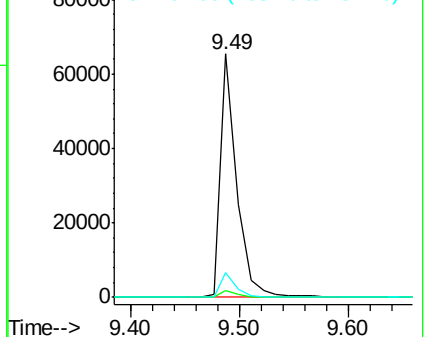
164 10.1 8.0 12.0



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: 4.67 ng

RT: 9.80 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

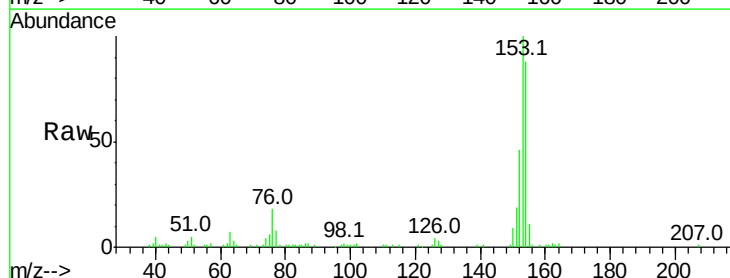
Tgt Ion:154 Resp: 84074

Ion Ratio Lower Upper

154 100

153 113.0 88.6 133.0

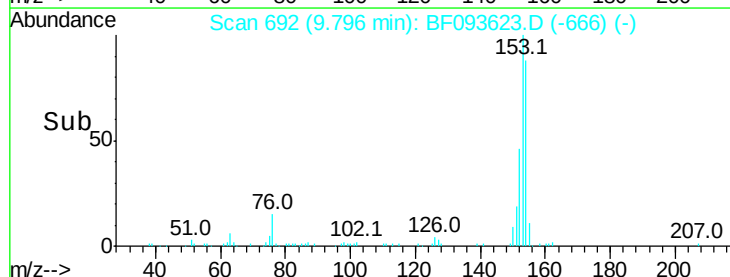
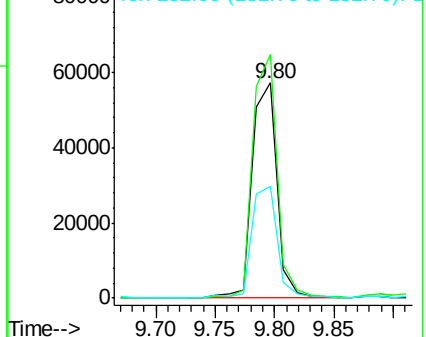
152 52.0 41.6 62.4

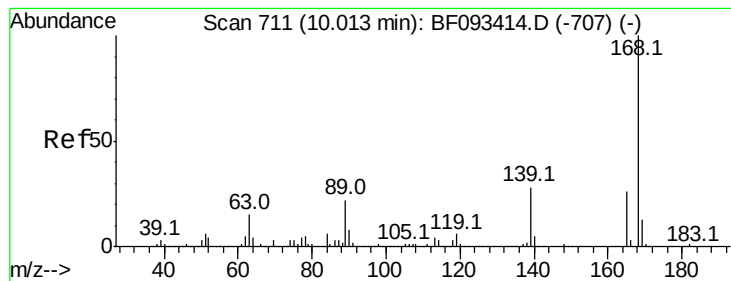


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 2.32 ng

RT: 9.98 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

Instrument :

BNA_F

ClientSampleId :

38D-9-11

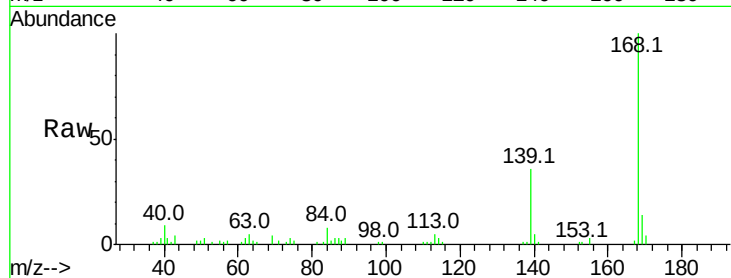
Tot Ion:168 Resp: 52413

Ion Ratio Lower Upper

168 100

139 36.3 32.6 49.0

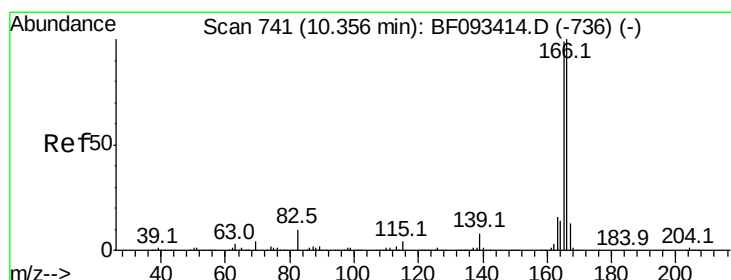
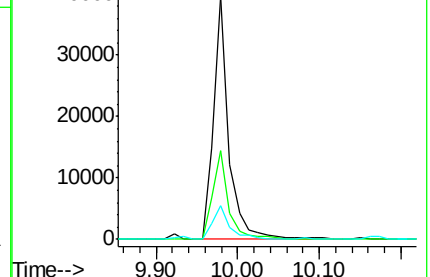
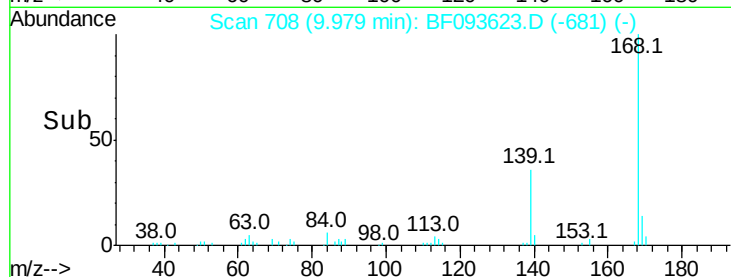
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 3.31 ng

RT: 10.31 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

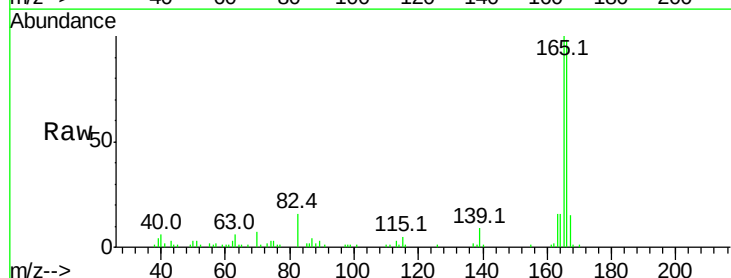
Tgt Ion:166 Resp: 63283

Ion Ratio Lower Upper

166 100

165 101.5 77.8 116.8

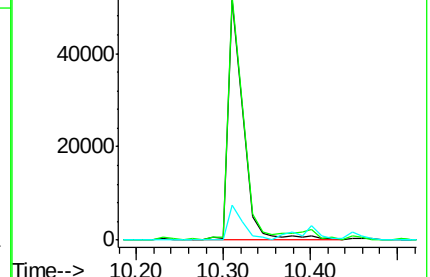
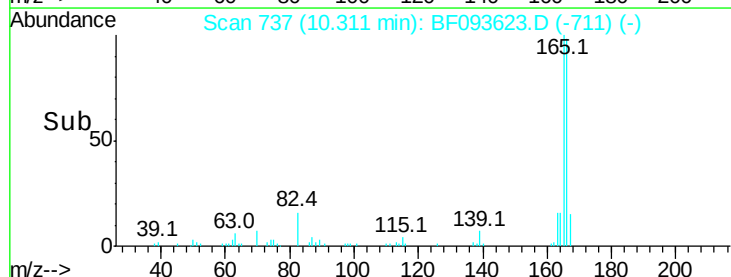
167 14.7 10.8 16.2

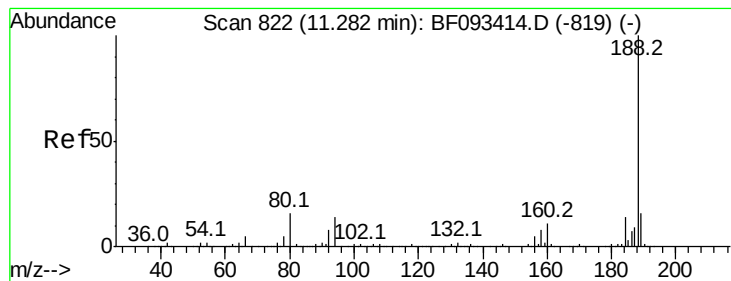


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.25 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

Instrument :

BNA_F

ClientSampleId :

38D-9-11

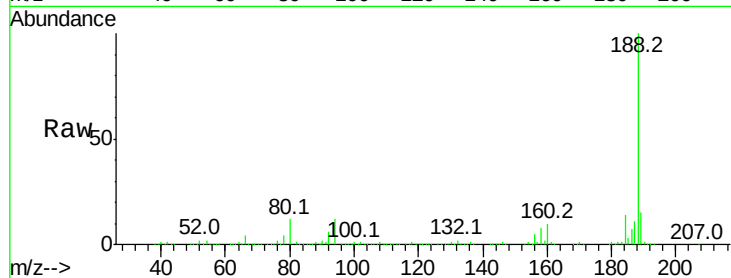
Tot Ion:188 Resp: 647855

Ion Ratio Lower Upper

188 100

94 11.5 10.0 15.0

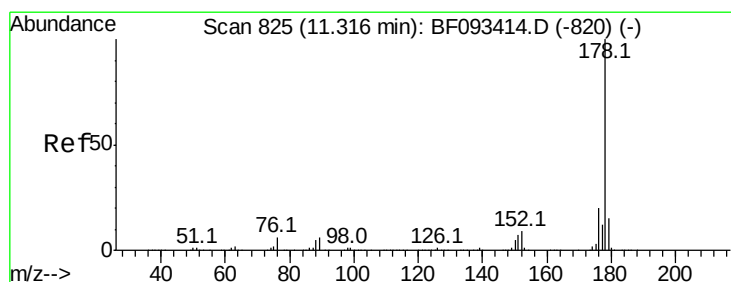
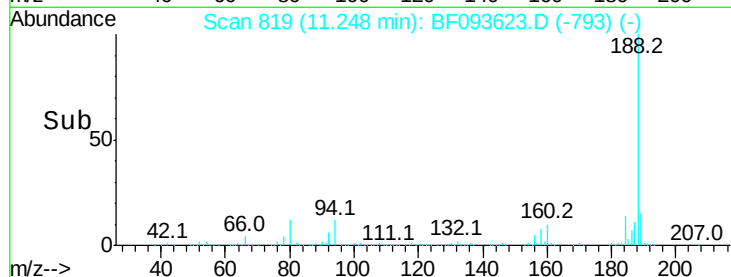
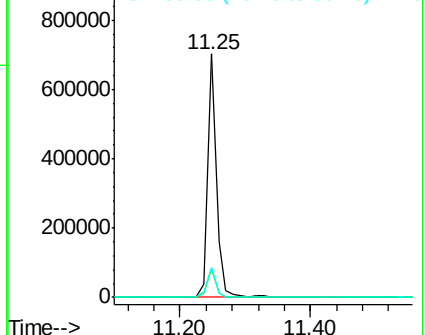
80 12.1 11.2 16.8



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: 3.52 ng

RT: 11.27 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

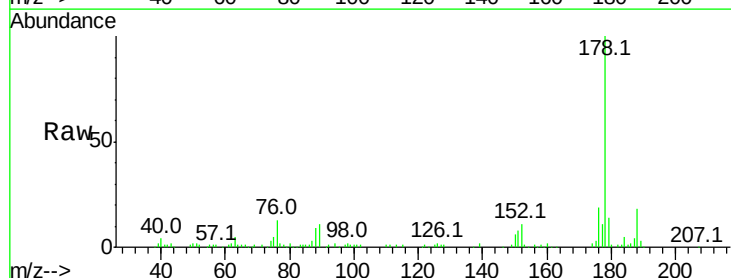
Tgt Ion:178 Resp: 130167

Ion Ratio Lower Upper

178 100

176 18.9 16.6 25.0

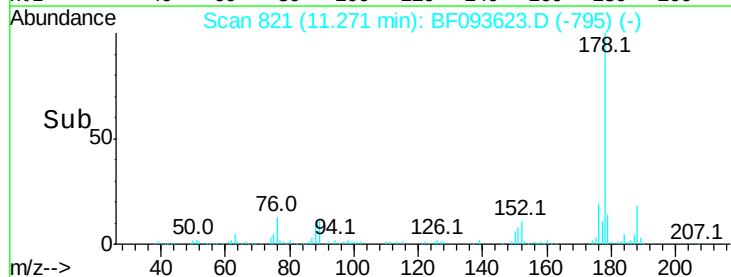
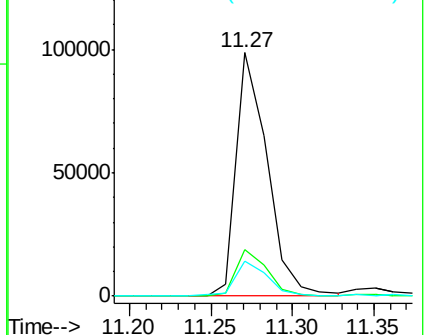
179 14.3 12.8 19.2

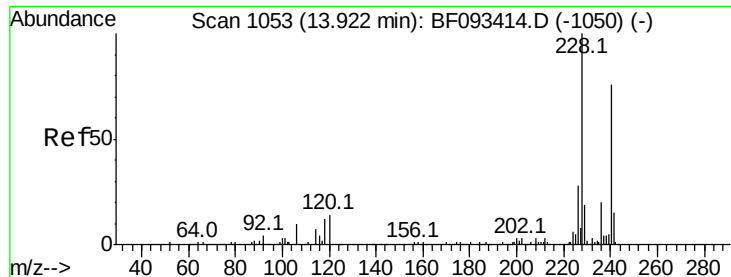


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

Instrument :

BNA_F

ClientSampleId :

38D-9-11

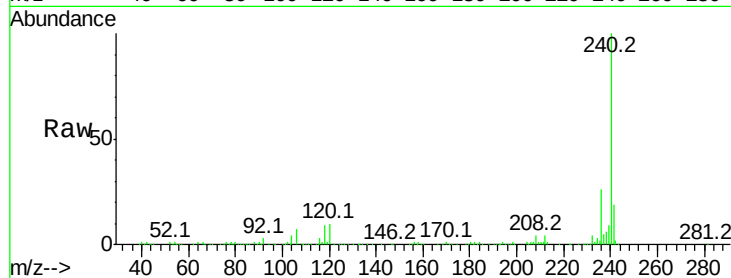
Tot Ion:240 Resp: 480731

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

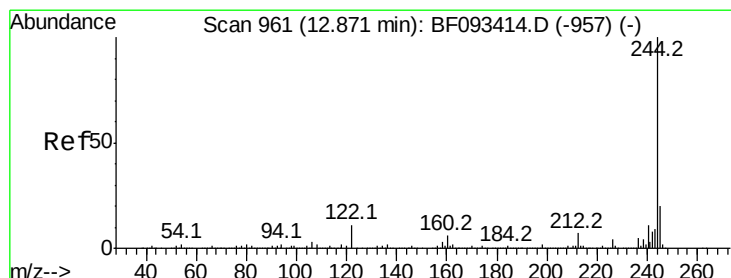
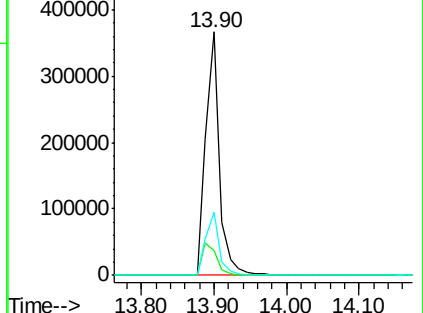
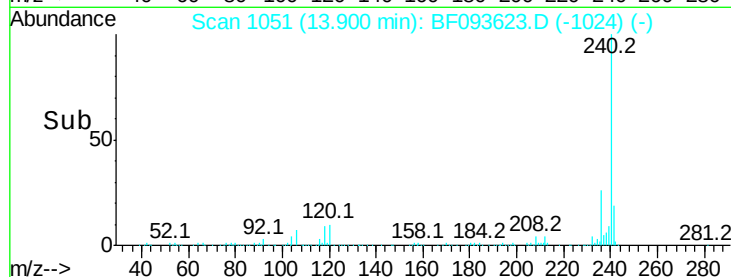
236 25.8 20.9 31.3



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: 76.00 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093623.D

Acq: 13 Mar 2017 22:28

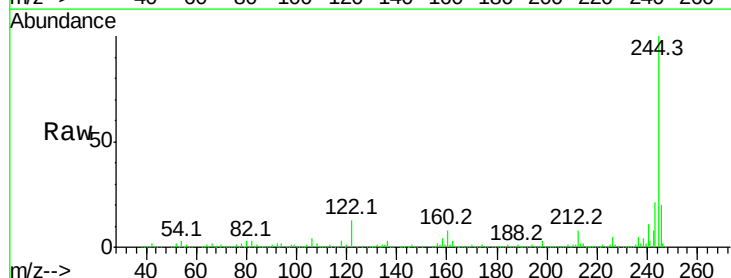
Tgt Ion:244 Resp: 1405240

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

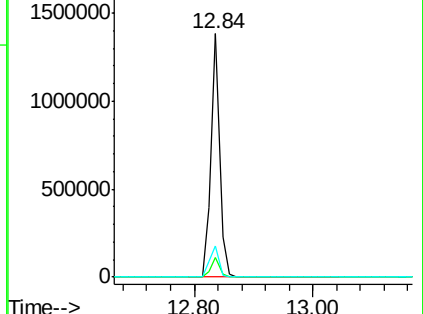
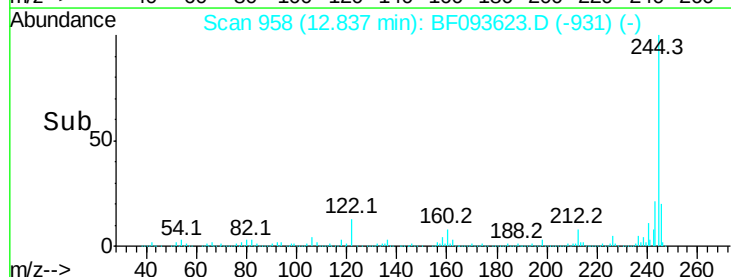
122 12.7 11.4 17.2

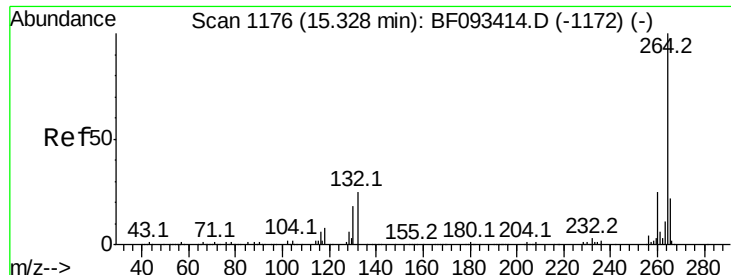


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

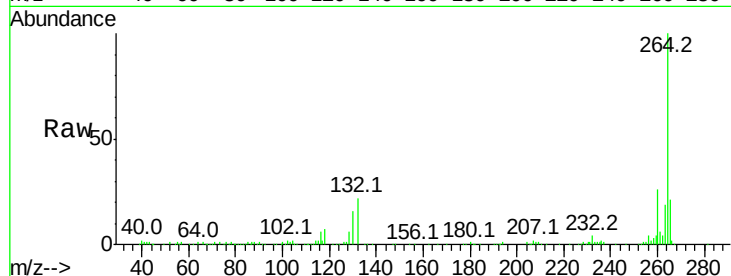




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093623.D
 Acq: 13 Mar 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Tot Ion: 264 Resp: 300299
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.2 28.8
 265 21.5 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

