

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093479.D
 Acq On : 9 Mar 2017 15:49
 Operator : SJ/MA
 Sample : I2133-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB411GW

Quant Time: Mar 09 16:13:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

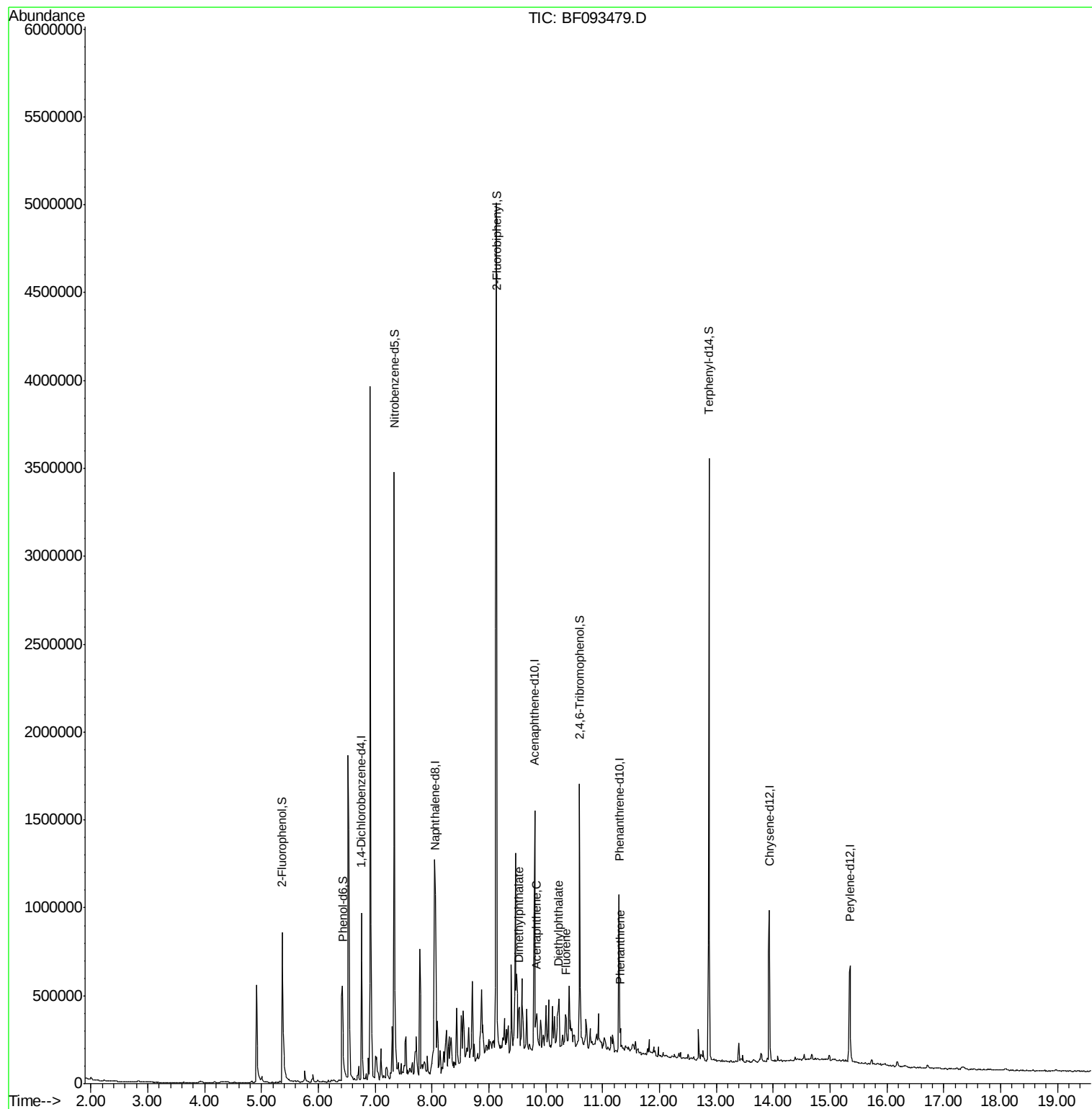
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	185401	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	696776	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	315710	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	480183	20.00	ng	0.01
75) Chrysene-d12	13.93	240	389502	20.00	ng	0.01
86) Perylene-d12	15.35	264	295870	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	431155	38.70	ng	0.01
7) Phenol-d6	6.42	99	380541	27.09	ng	0.01
23) Nitrobenzene-d5	7.34	82	1195541	95.20	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	156978	76.32	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1799167	106.00	ng	0.00
78) Terphenyl-d14	12.87	244	1053294	70.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	109691	5.24	ng	Qvalue 100
51) Acenaphthene	9.84	154	44378	2.58	ng	# 82
57) Fluorene	10.36	166	52994	2.91	ng	# 94
59) Diethylphthalate	10.22	149	69822	3.49	ng	97
70) Phenanthrene	11.32	178	60368	2.20	ng	97

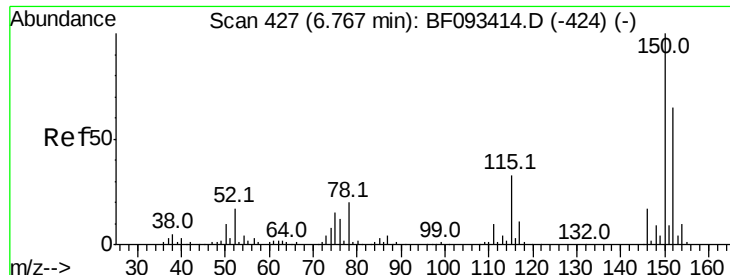
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093479.D

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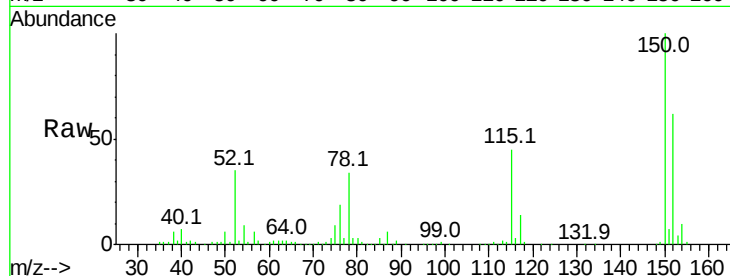
Tot Ion:152 Resp: 185401

Ion Ratio Lower Upper

152 100

150 161.3 124.9 187.3

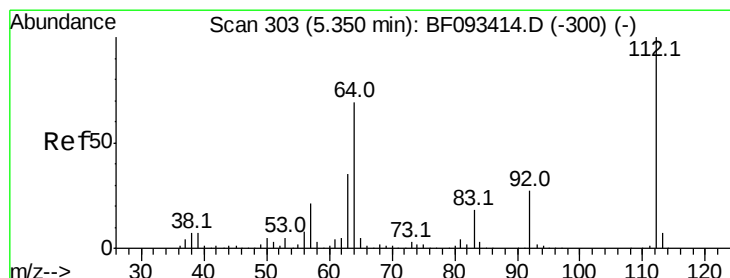
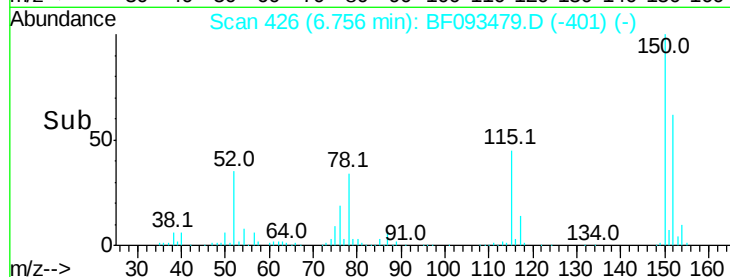
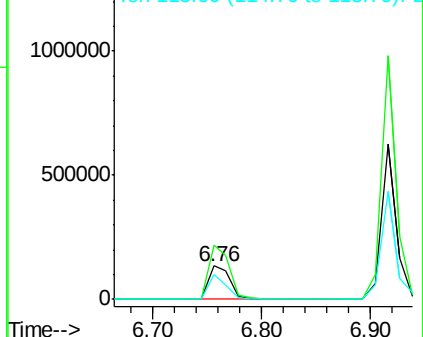
115 72.6 46.0 69.0#



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: 38.70 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

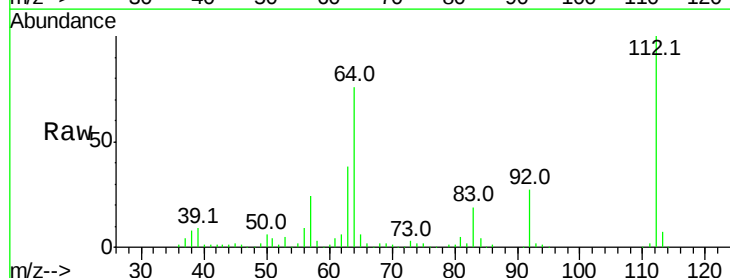
Tgt Ion:112 Resp: 431155

Ion Ratio Lower Upper

112 100

64 76.2 46.1 69.1#

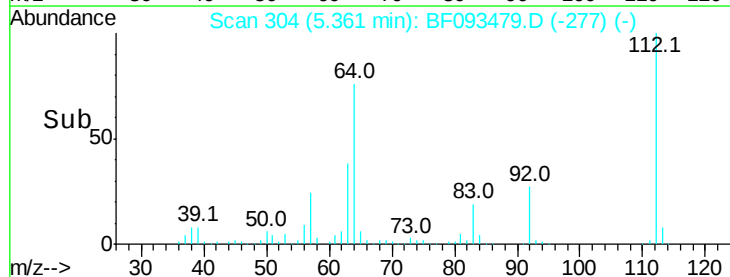
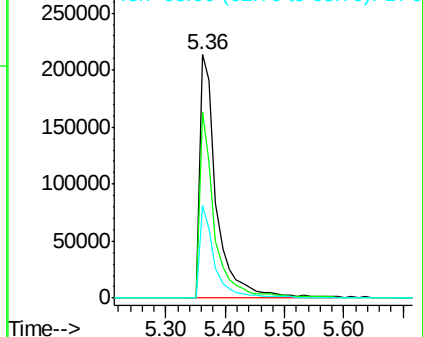
63 38.1 23.8 35.6#

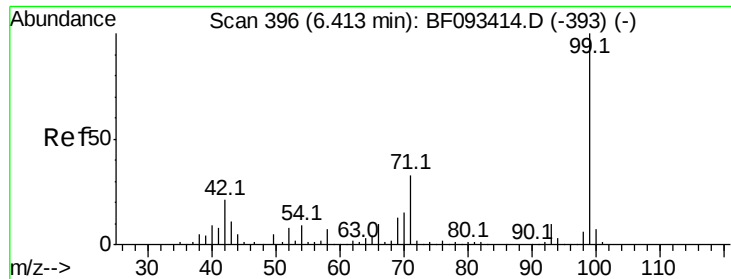


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.09 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

ClientSampleId :

HY-SB411GW

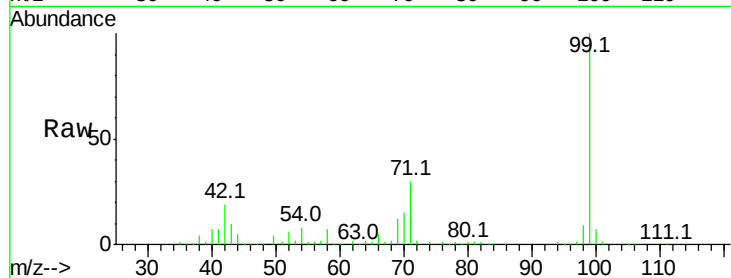
Tot Ion: 99 Resp: 380541

Ion Ratio Lower Upper

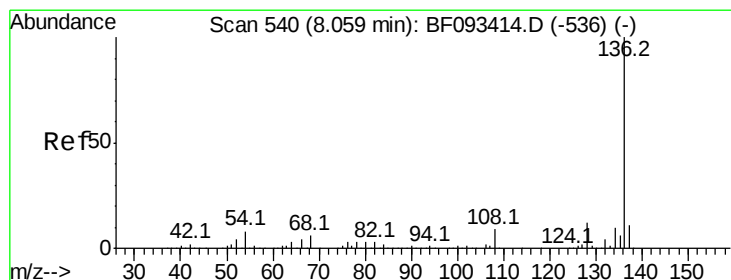
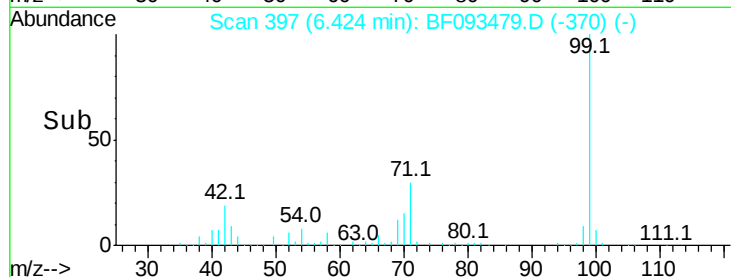
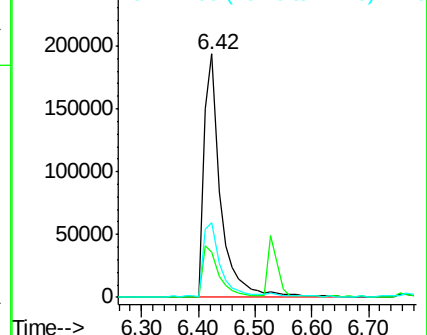
99 100

42 18.7 15.6 23.4

71 30.4 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: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Tgt Ion: 136 Resp: 696776

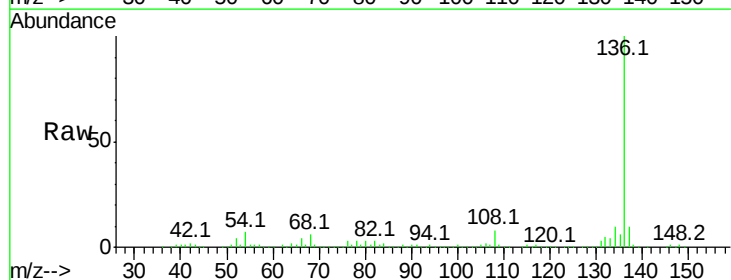
Ion Ratio Lower Upper

136 100

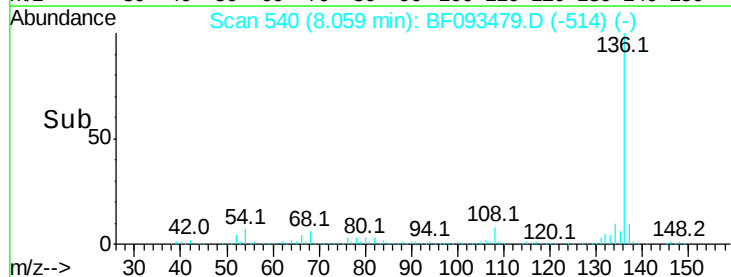
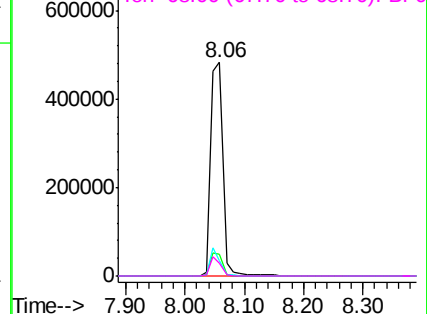
137 10.3 8.4 12.6

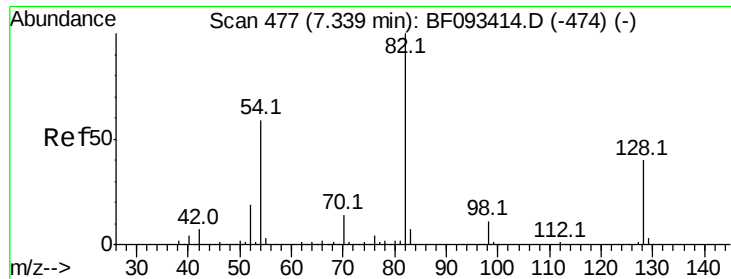
54 7.4 4.5 6.7#

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

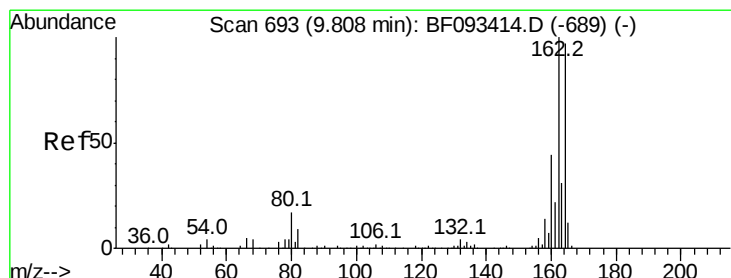
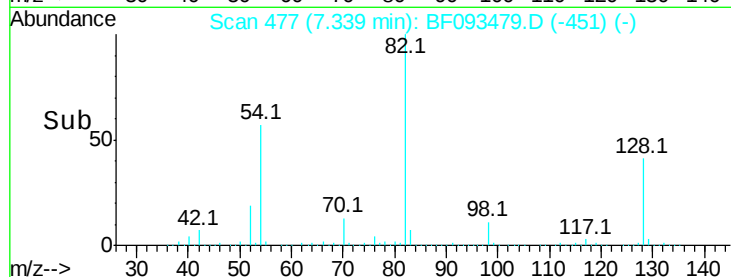
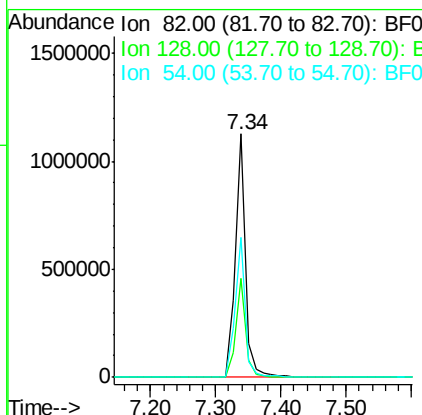
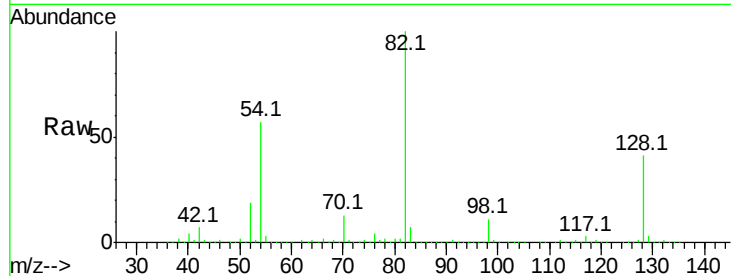




#23
 Nitrobenzene-d5
 Concen: 95.20 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

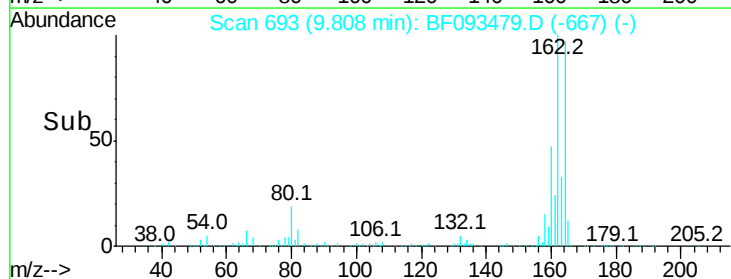
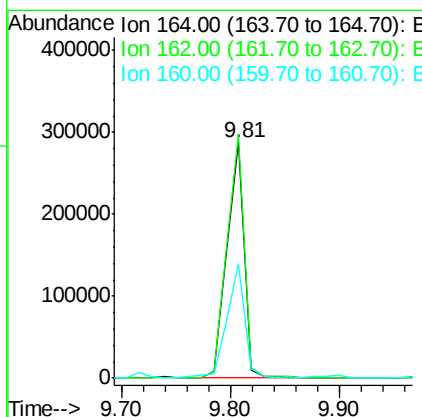
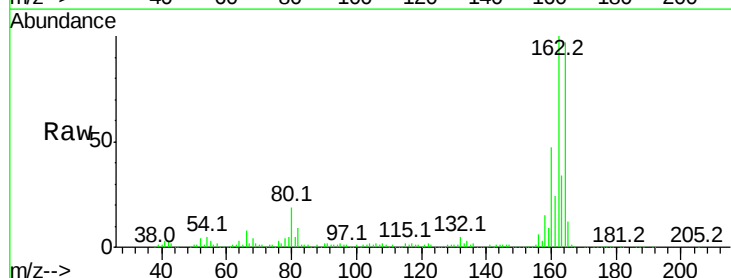
Instrument :
 BNA_F
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 HY-SB411GW

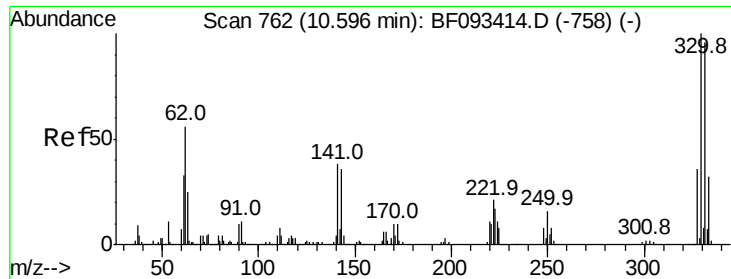
Tot Ion: 82 Resp: 1195541
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.6 52.0
 54 57.4 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

Tgt Ion:164 Resp: 315710
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.2 120.2
 160 48.4 36.9 55.3

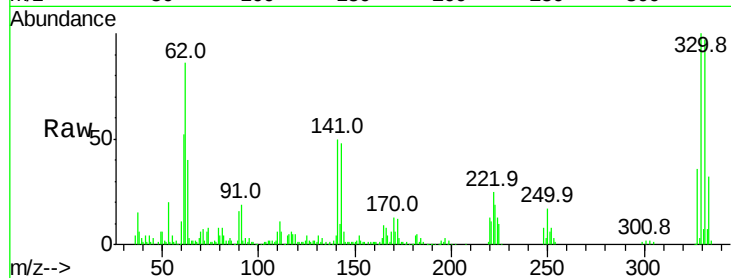




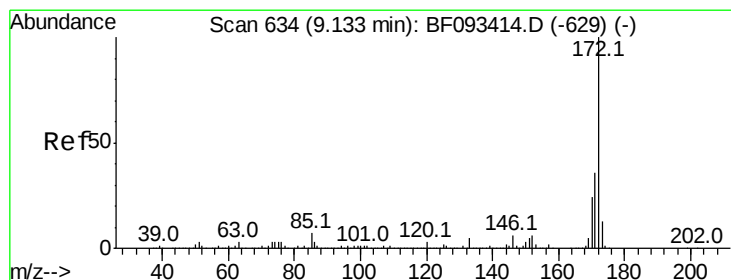
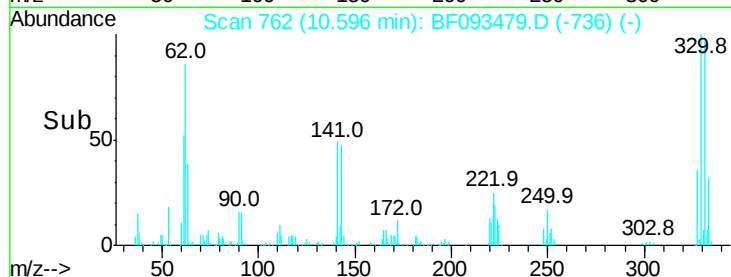
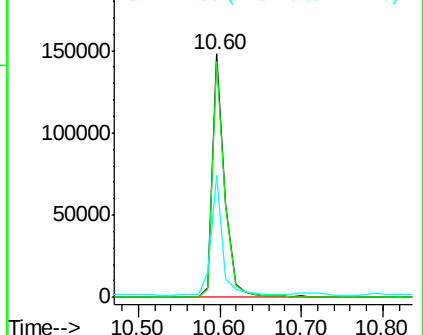
#41
 2,4,6-Tribromophenol
 Concen: 76.32 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB411GW

Tot Ion:330 Resp: 156978
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 45.9 34.1 51.1

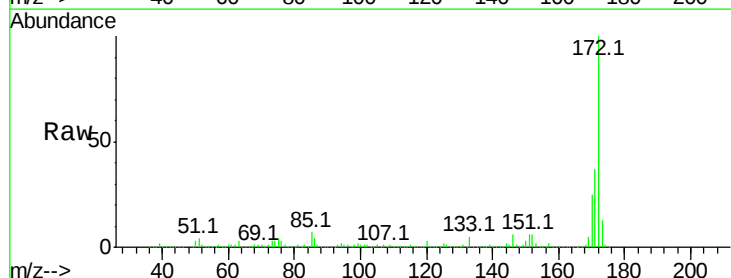


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

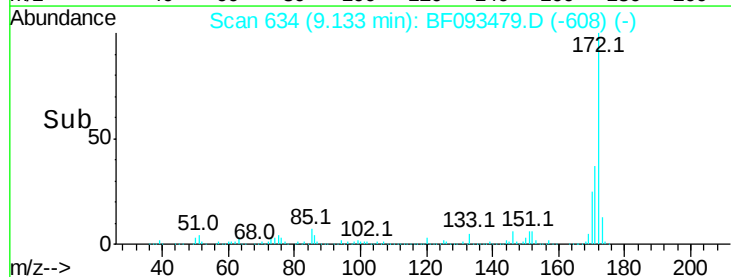
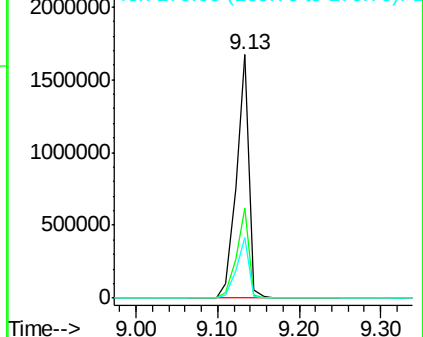


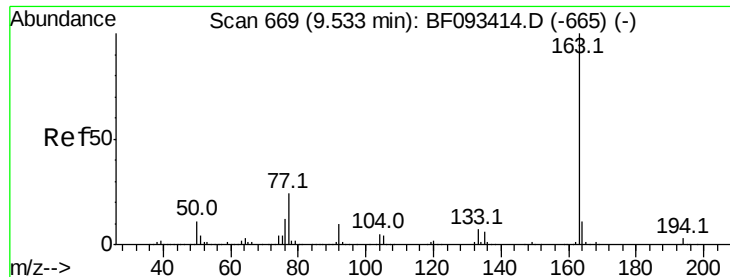
#44
 2-Fluorobiphenyl
 Concen: 106.00 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

Tgt Ion:172 Resp: 1799167
 Ion Ratio Lower Upper
 172 100
 171 36.9 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

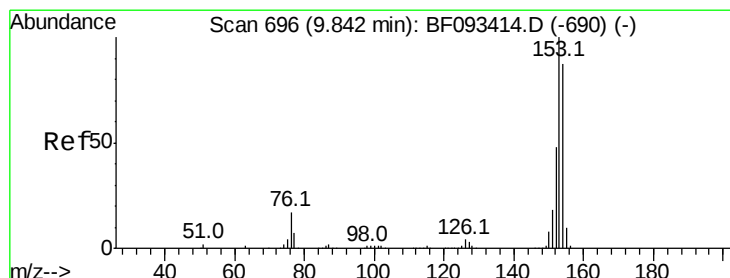
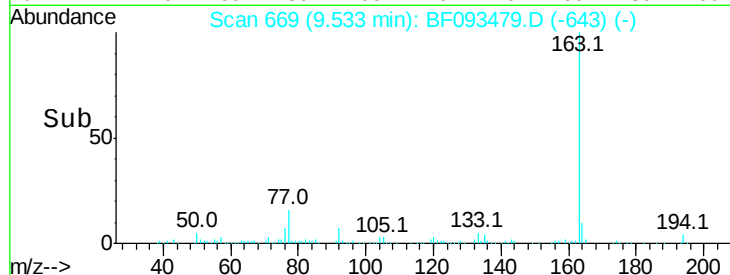
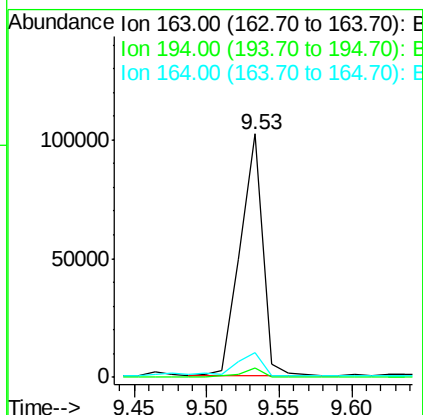
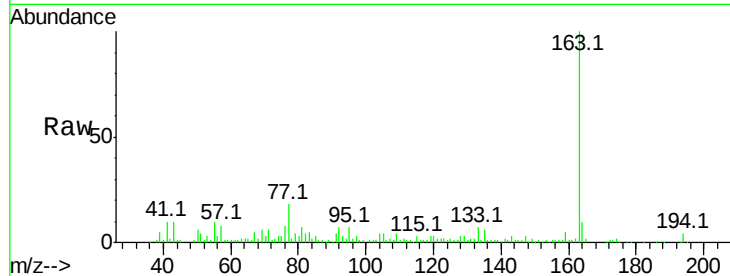




#49
Dimethylphthalate
Concen: 5.24 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

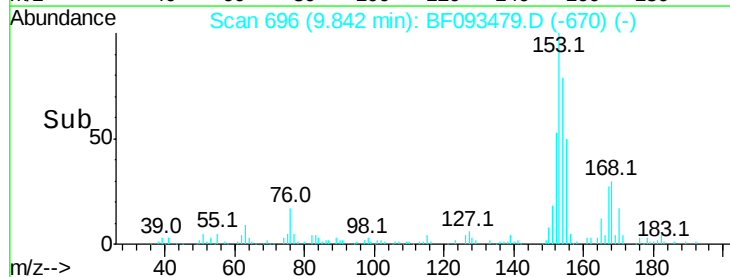
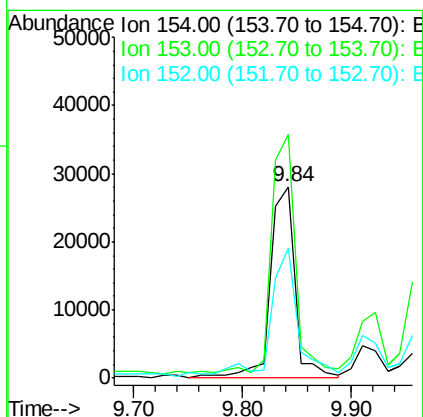
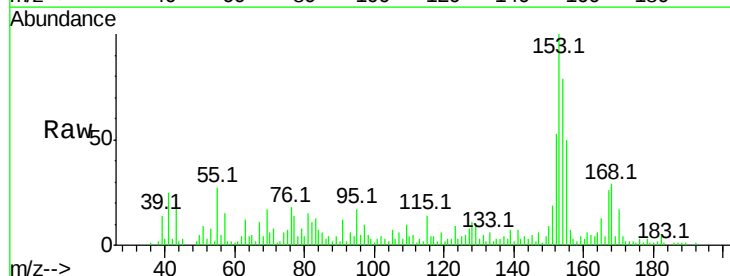
Instrument :
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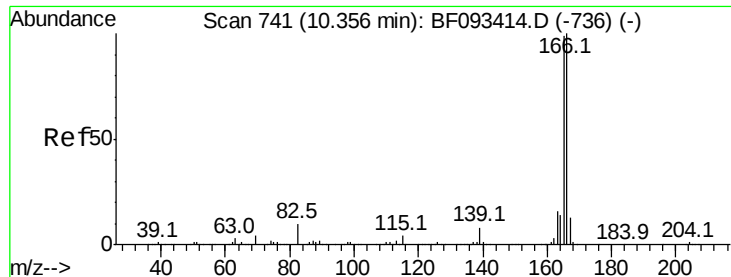
Tot Ion:163 Resp: 109691
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.2 8.0 12.0



#51
Acenaphthene
Concen: 2.58 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093479.D
Acq: 9 Mar 2017 15:49

Tgt Ion:154 Resp: 44378
Ion Ratio Lower Upper
154 100
153 127.1 88.6 133.0
152 67.6 41.6 62.4#





#57

Fluorene

Concen: 2.91 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

ClientSampleId :

HY-SB411GW

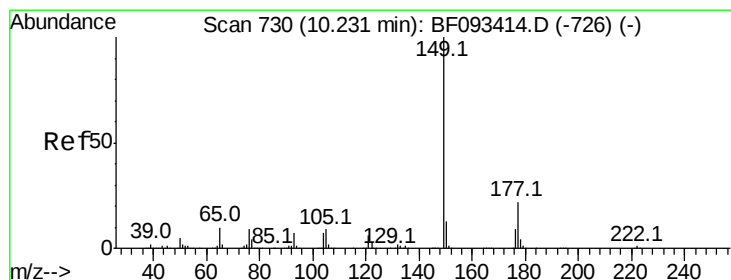
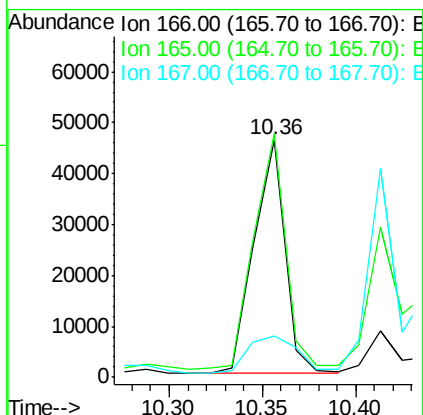
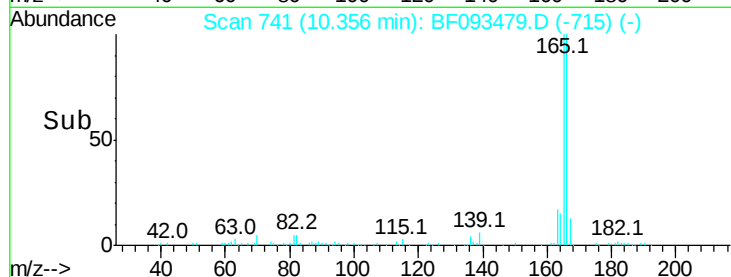
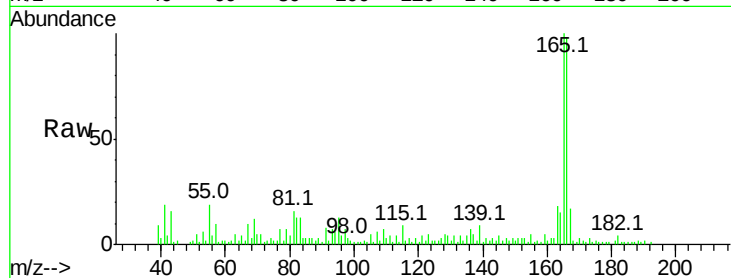
Tot Ion:166 Resp: 52994

Ion Ratio Lower Upper

166 100

165 102.5 77.8 116.8

167 17.2 10.8 16.2#



#59

Diethylphthalate

Concen: 3.49 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

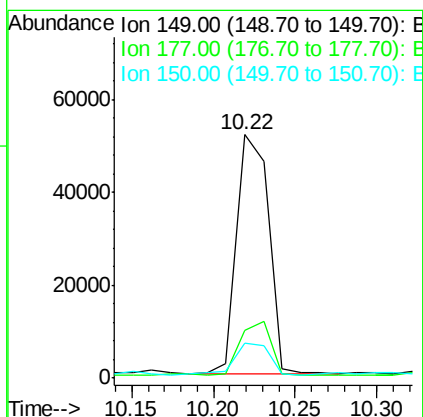
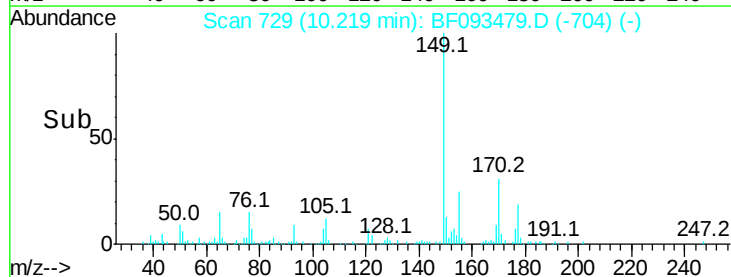
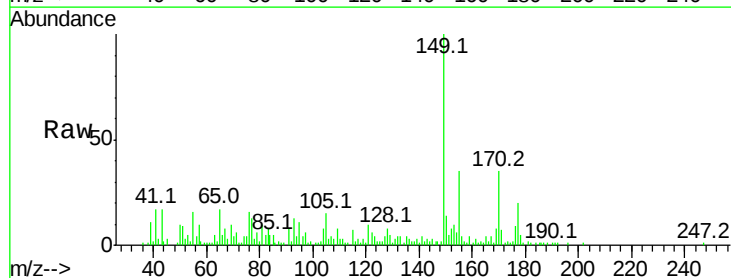
Tgt Ion:149 Resp: 69822

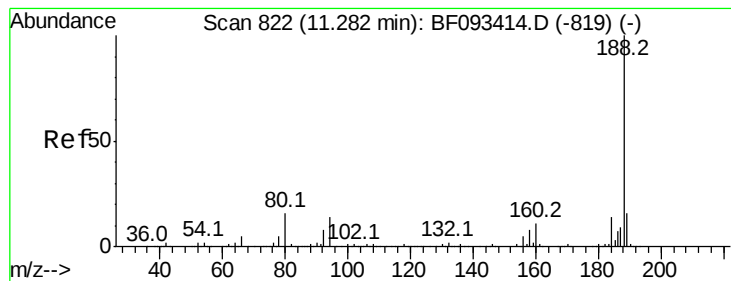
Ion Ratio Lower Upper

149 100

177 19.7 16.6 25.0

150 14.4 10.4 15.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

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HY-SB411GW

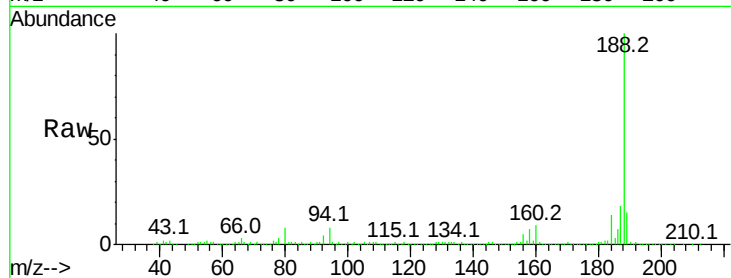
Tot Ion:188 Resp: 480183

Ion Ratio Lower Upper

188 100

94 7.9 10.0 15.0#

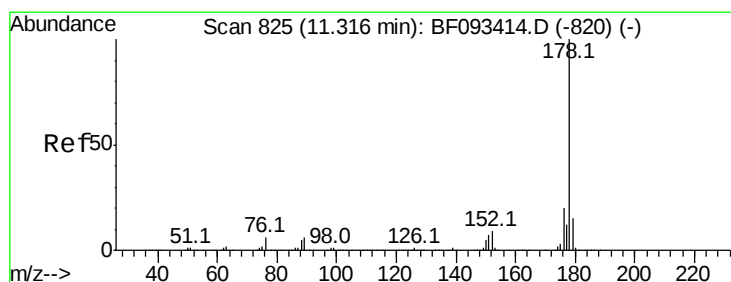
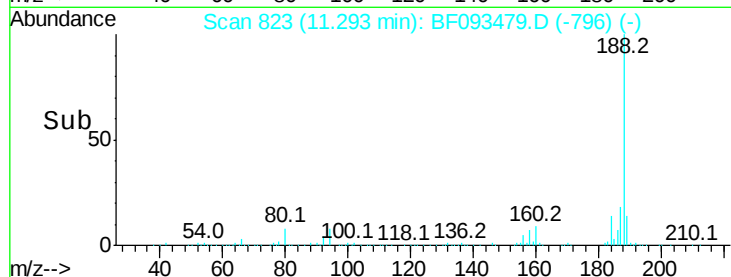
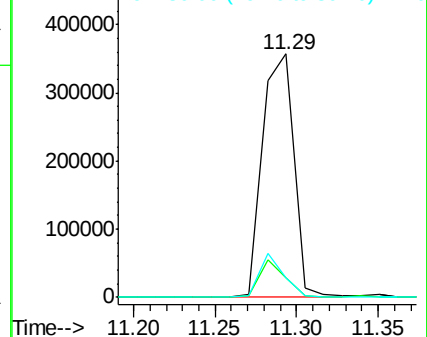
80 8.2 11.2 16.8#



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: 2.20 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

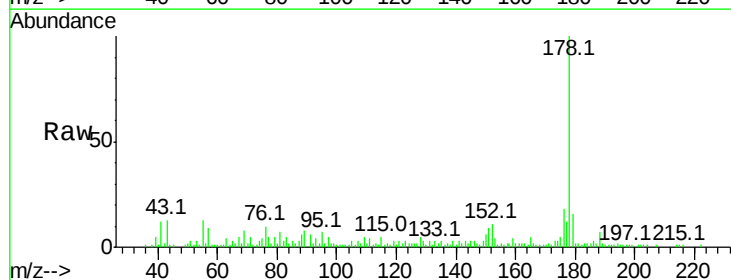
Tgt Ion:178 Resp: 60368

Ion Ratio Lower Upper

178 100

176 18.3 16.6 25.0

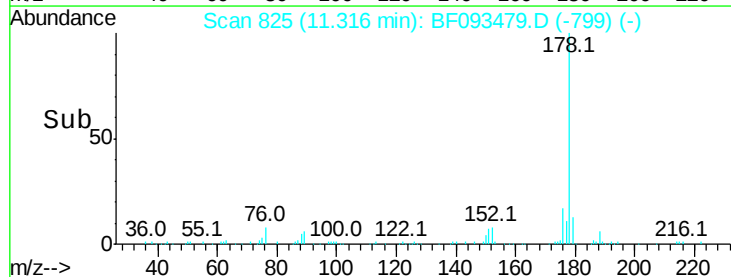
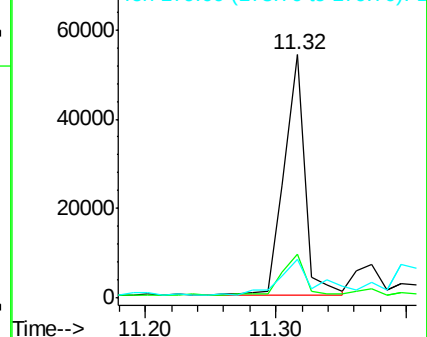
179 16.1 12.8 19.2

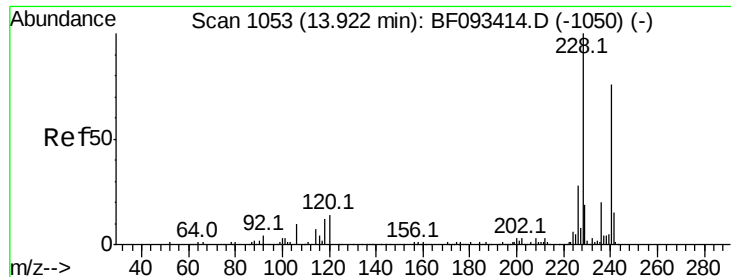


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

Instrument :

BNA_F

ClientSampleId :

HY-SB411GW

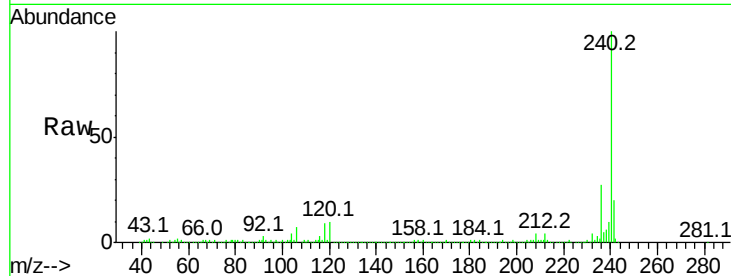
Tot Ion:240 Resp: 389502

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

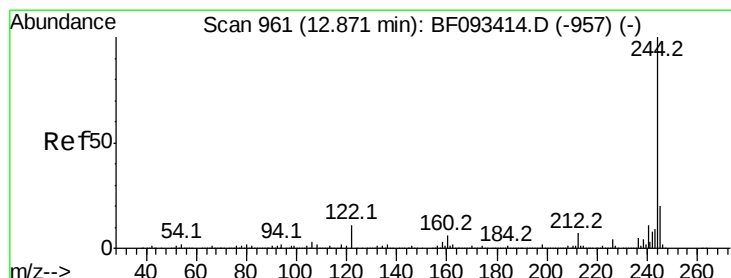
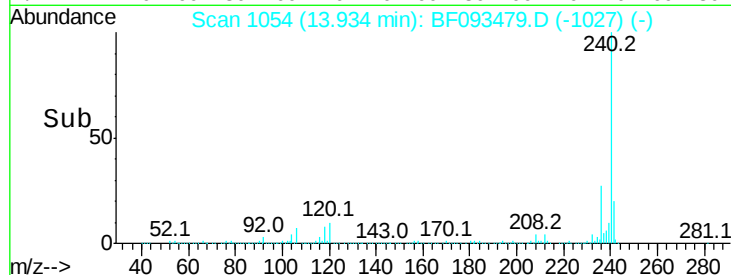
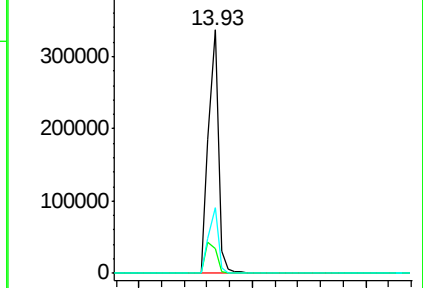
236 26.8 20.9 31.3



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: 70.31 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093479.D

Acq: 9 Mar 2017 15:49

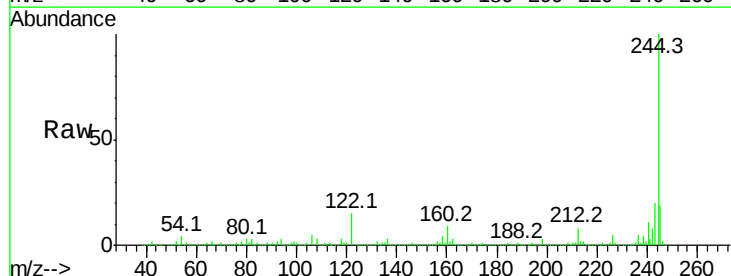
Tgt Ion:244 Resp: 1053294

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

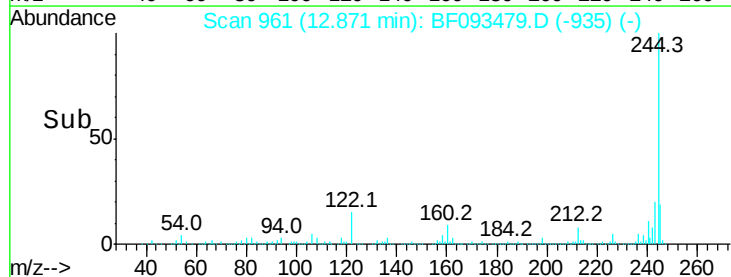
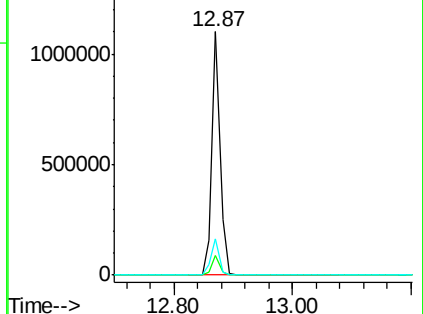
122 14.8 11.4 17.2

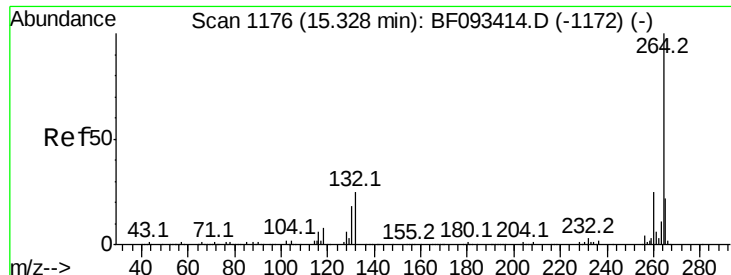


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093479.D
 Acq: 9 Mar 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB411GW

Tot Ion: 264 Resp: 295870
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.0 17.4 26.0

