

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093461.D
 Acq On : 9 Mar 2017 7:38
 Operator : SJ/MA
 Sample : I2127-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-1

Quant Time: Mar 09 10:18:24 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	6.77	152	170721	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	659340	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	263233	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	388147	20.00	ng	0.01
75) Chrysene-d12	13.93	240	364553	20.00	ng	0.01
86) Perylene-d12	15.35	264	275609	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1322108	128.89	ng	0.02
7) Phenol-d6	6.42	99	1640875	126.85	ng	0.01
23) Nitrobenzene-d5	7.34	82	1153389	97.06	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	228661	133.33	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1740530	122.99	ng	0.00
78) Terphenyl-d14	12.87	244	1037015	73.96	ng	0.00

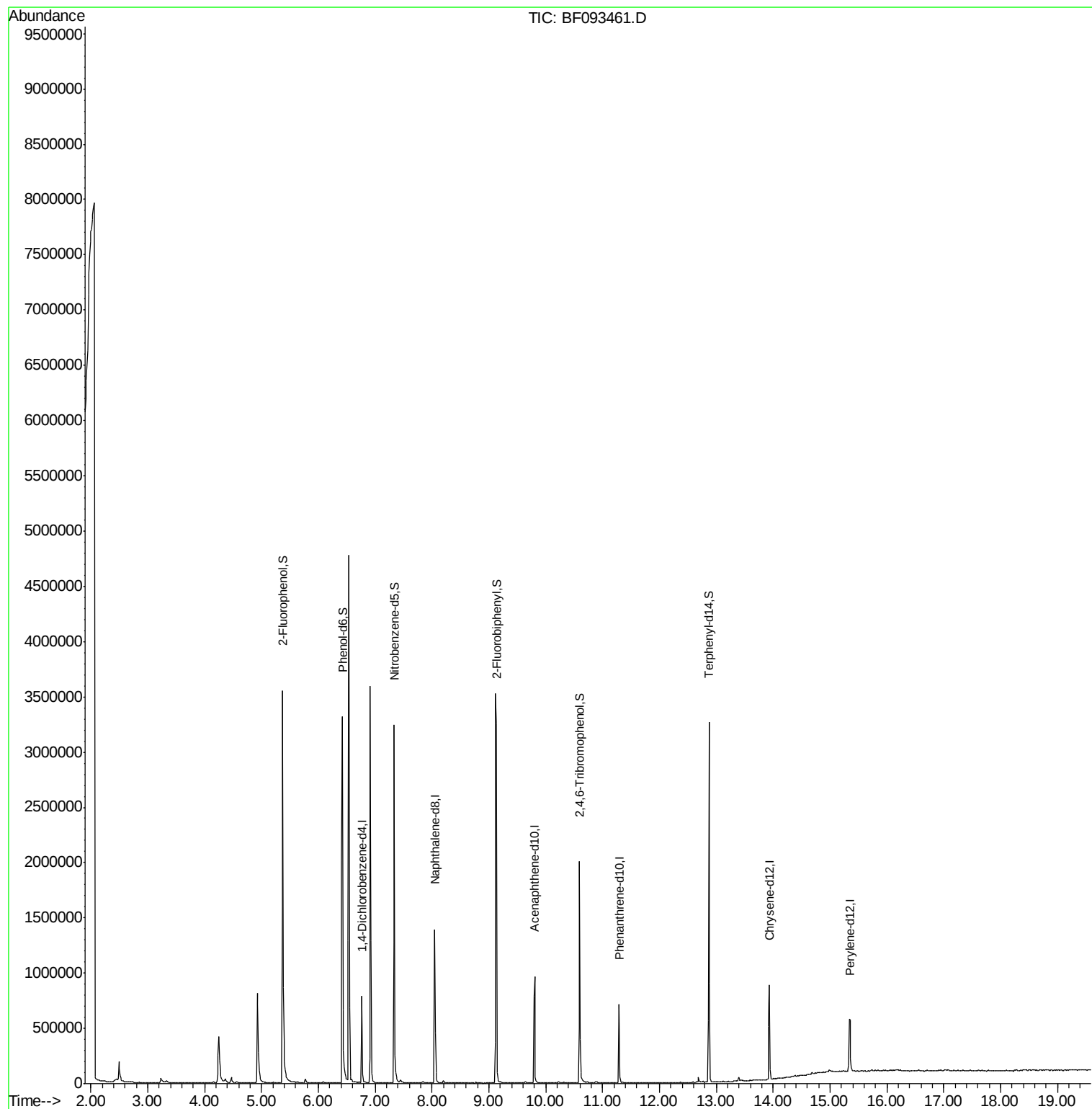
Target Compounds Qvalue

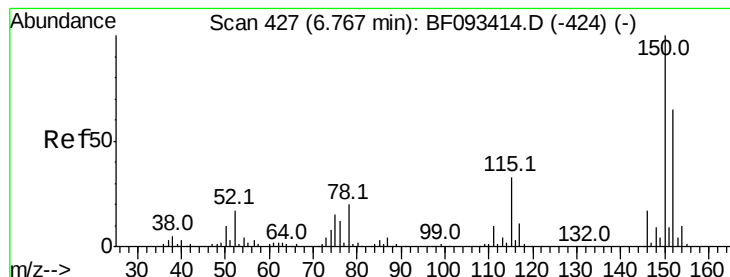
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093461.D

Acq: 9 Mar 2017 7:38

Instrument :

BNA_F

ClientSampled :

D-1

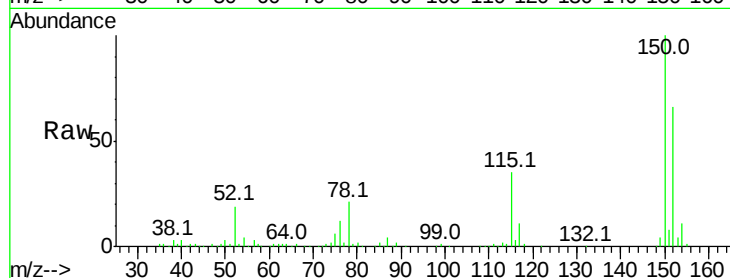
Tot Ion:152 Resp: 170721

Ion Ratio Lower Upper

152 100

150 150.5 124.9 187.3

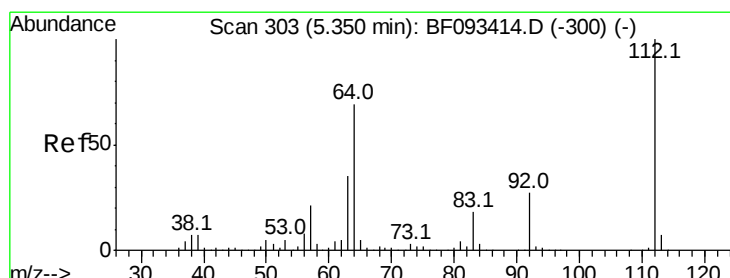
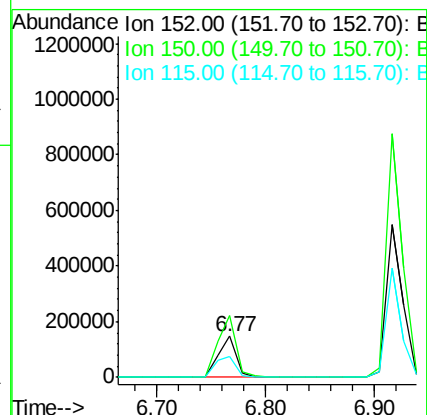
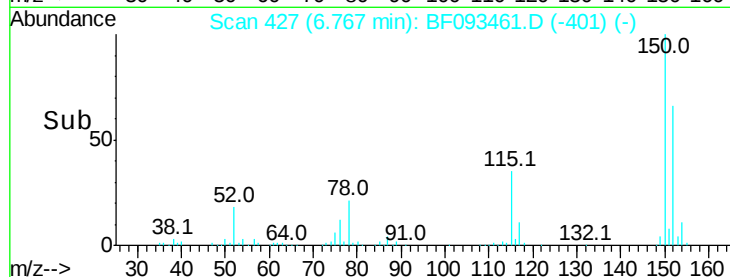
115 52.2 46.0 69.0



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: 128.89 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093461.D

Acq: 9 Mar 2017 7:38

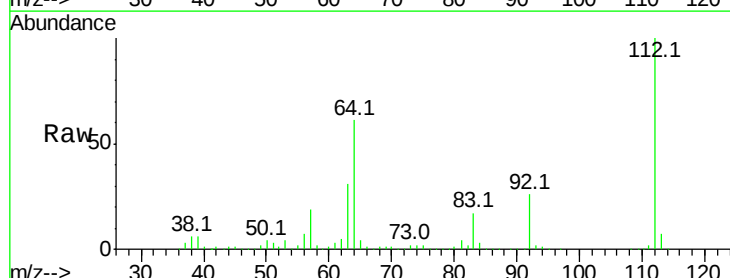
Tgt Ion:112 Resp: 1322108

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

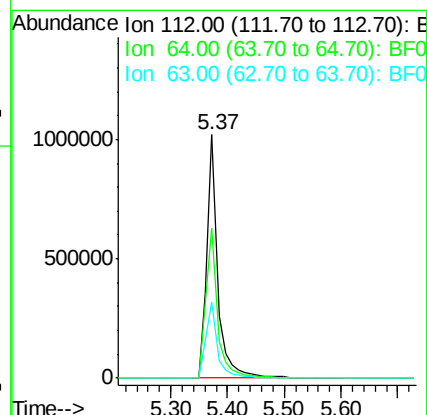
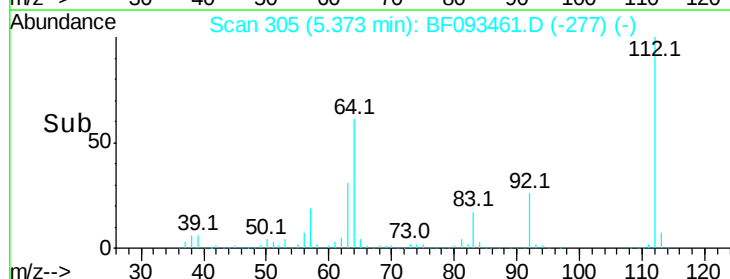
63 31.4 23.8 35.6

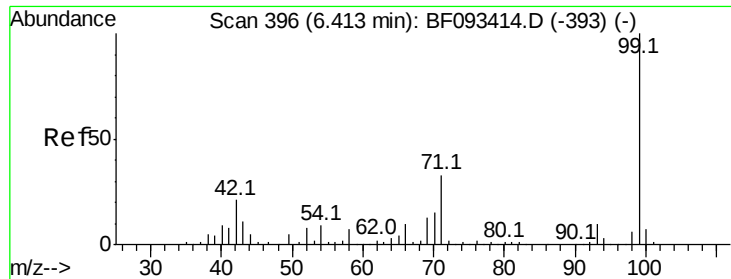


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.85 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093461.D

Acq: 9 Mar 2017 7:38

Instrument :

BNA_F

ClientSampleId :

D-1

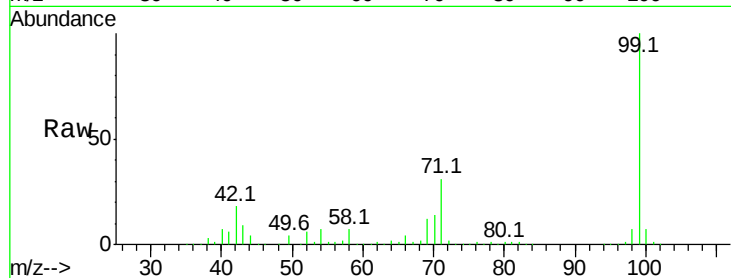
Tot Ion: 99 Resp: 1640875

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

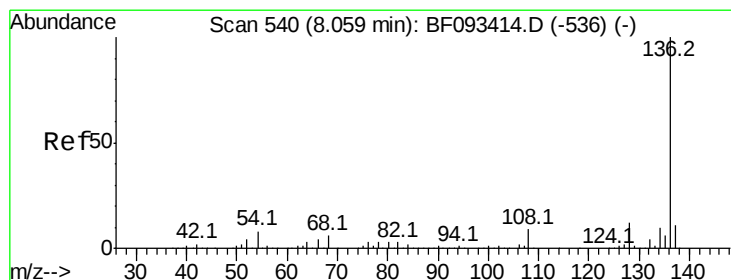
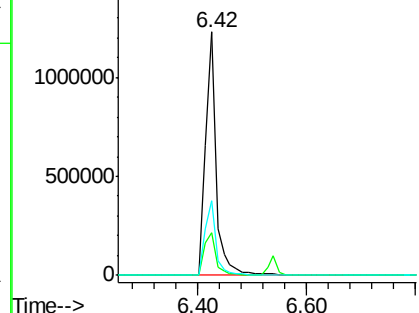
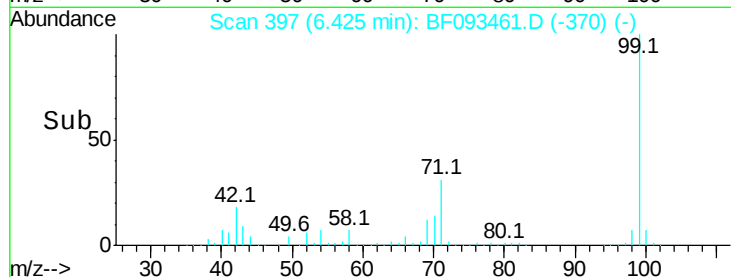
71 30.6 27.5 41.3



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: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093461.D

Acq: 9 Mar 2017 7:38

Tgt Ion: 136 Resp: 659340

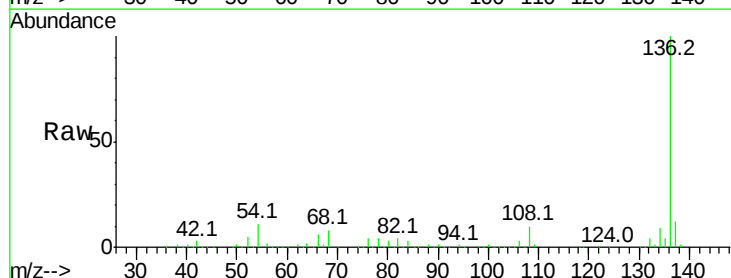
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.4 4.5 6.7#

68 8.1 3.6 5.4#

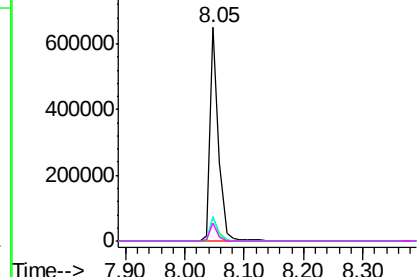
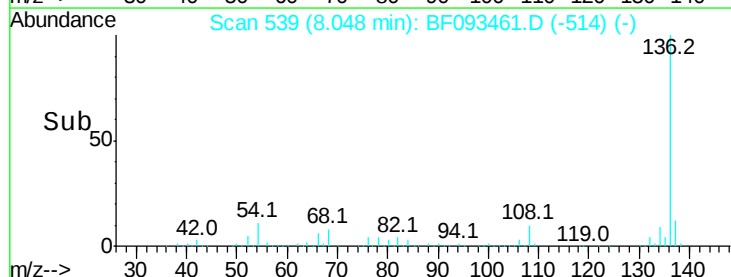


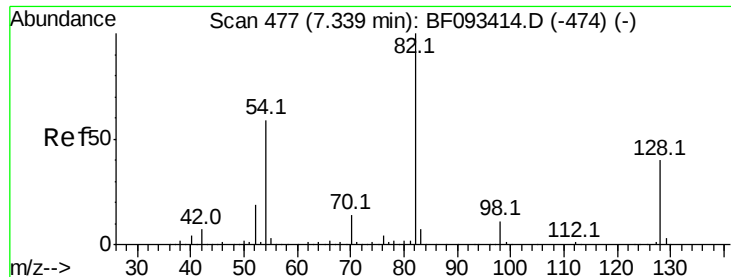
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.06 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF093461.D

Acq: 9 Mar 2017 7:38

Instrument :

BNA_F

ClientSampleId :

D-1

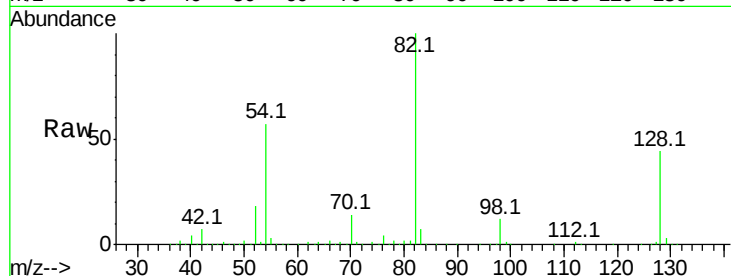
Tot Ion: 82 Resp: 1153389

Ion Ratio Lower Upper

82 100

128 43.8 34.6 52.0

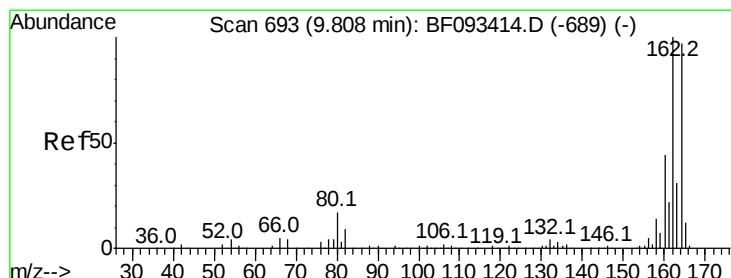
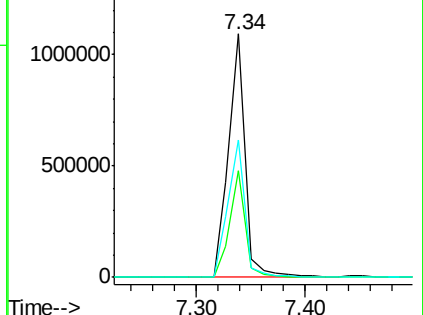
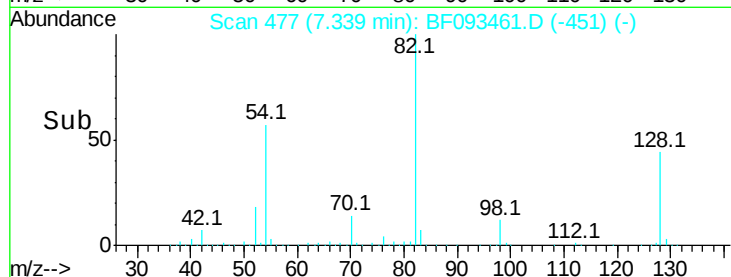
54 56.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF093461.D

Acq: 9 Mar 2017 7:38

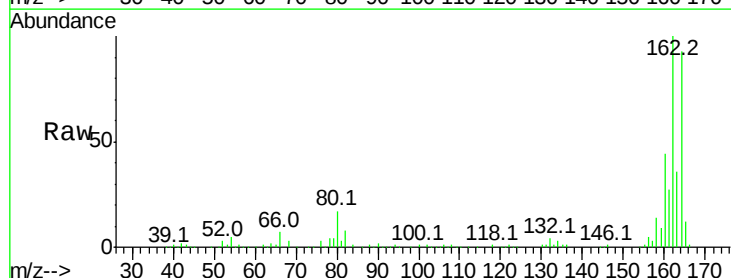
Tgt Ion: 164 Resp: 263233

Ion Ratio Lower Upper

164 100

162 107.3 80.2 120.2

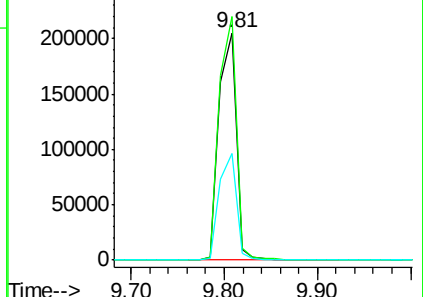
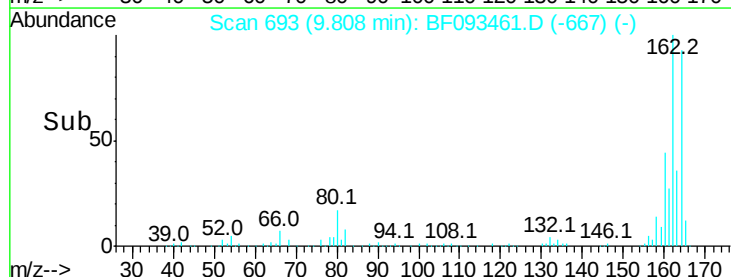
160 47.2 36.9 55.3

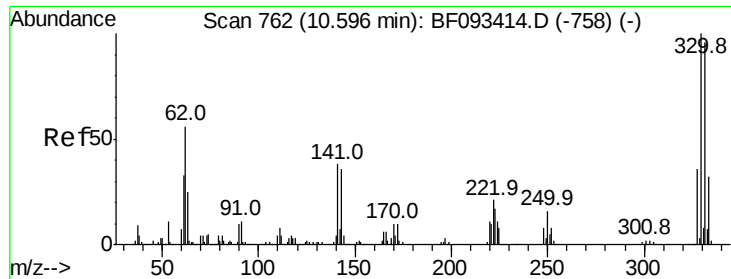


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

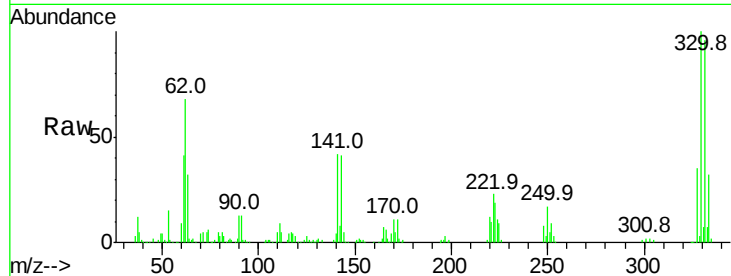




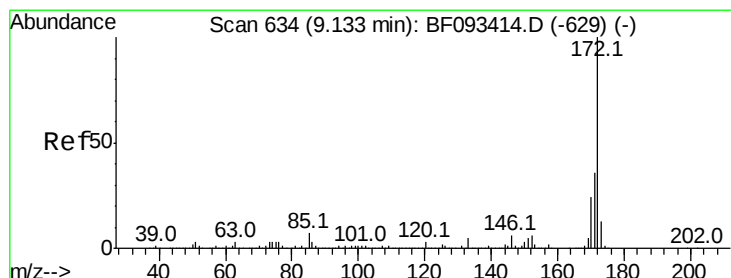
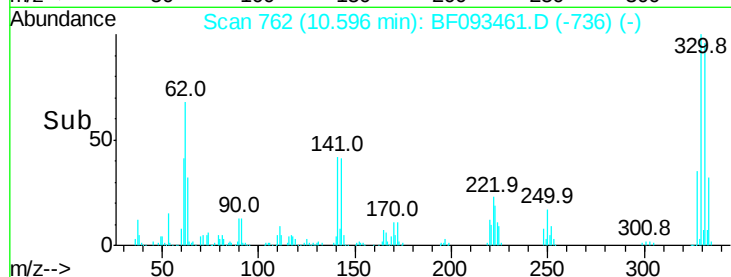
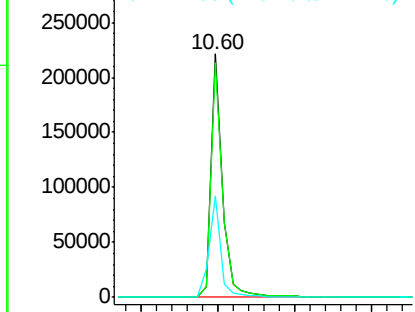
#41
 2,4,6-Tribromophenol
 Concen: 133.33 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093461.D
 Acq: 9 Mar 2017 7:38

Instrument :
 BNA_F
 ClientSampleId :
 D-1

Tot Ion:330 Resp: 228661
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 43.2 34.1 51.1

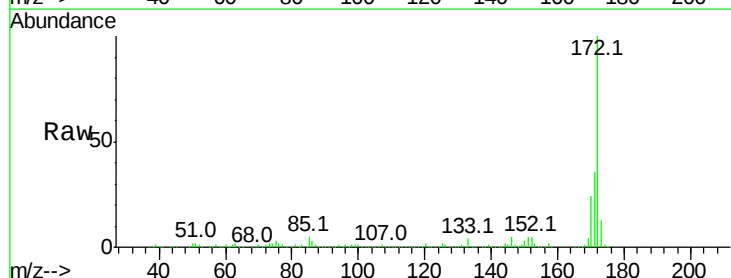


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

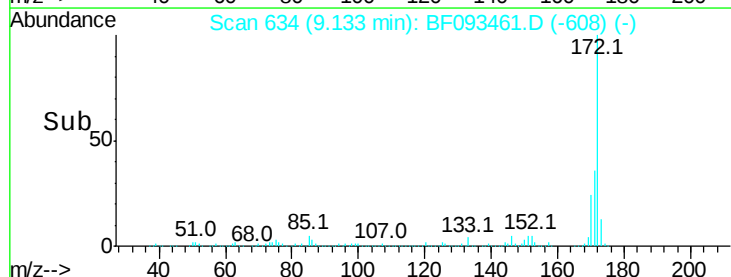
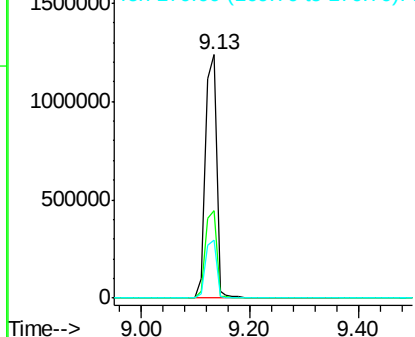


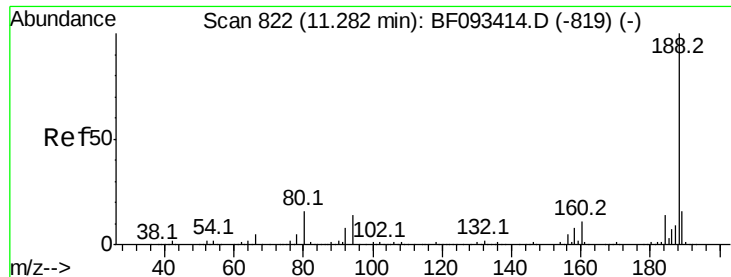
#44
 2-Fluorobiphenyl
 Concen: 122.99 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093461.D
 Acq: 9 Mar 2017 7:38

Tgt Ion:172 Resp: 1740530
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

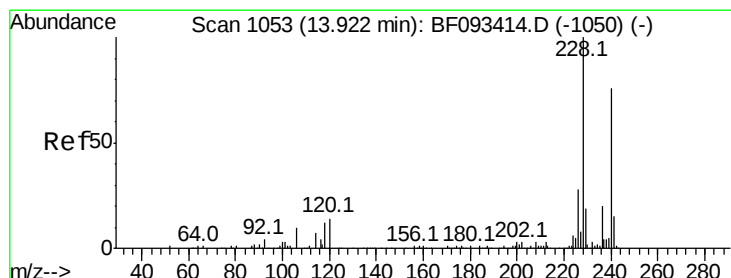
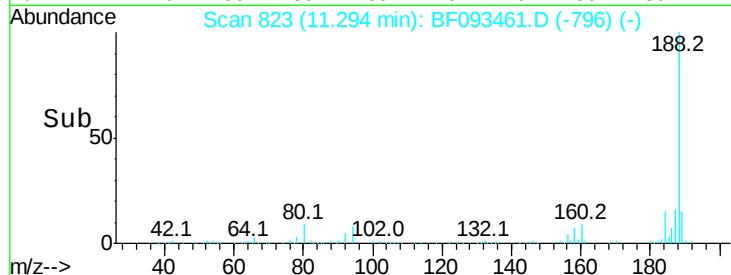
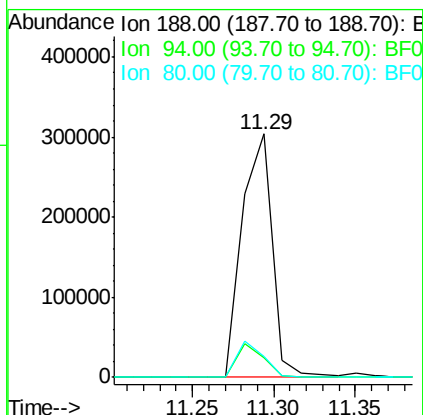
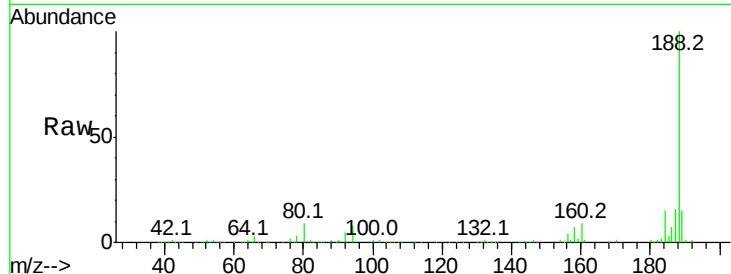




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093461.D
Acq: 9 Mar 2017 7:38

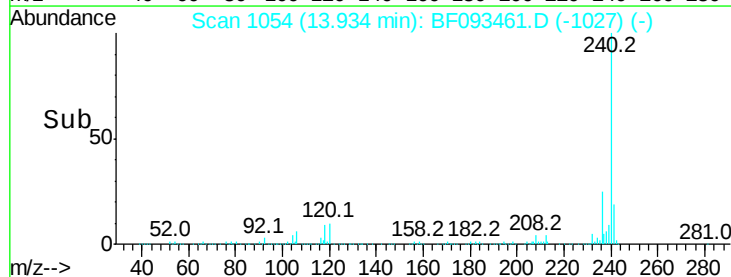
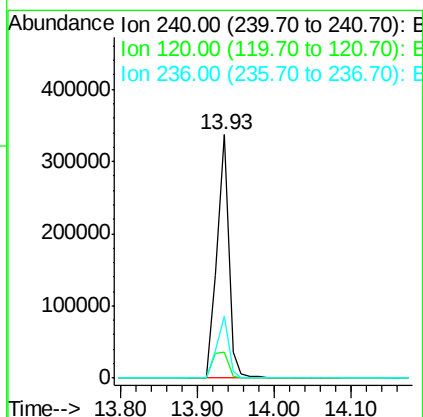
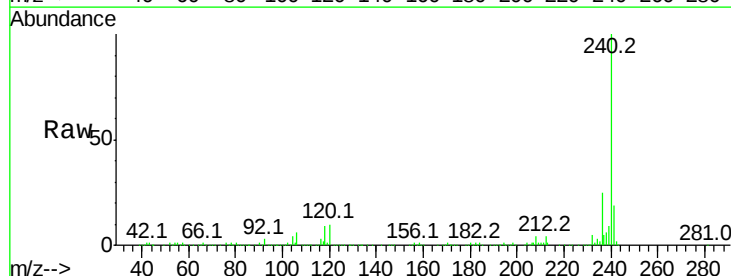
Instrument :
BNA_F
ClientSampleId :
D-1

Tot Ion:188 Resp: 388147
Ion Ratio Lower Upper
188 100
94 7.8 10.0 15.0#
80 8.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093461.D
Acq: 9 Mar 2017 7:38

Tgt Ion:240 Resp: 364553
Ion Ratio Lower Upper
240 100
120 10.4 12.9 19.3#
236 25.5 20.9 31.3



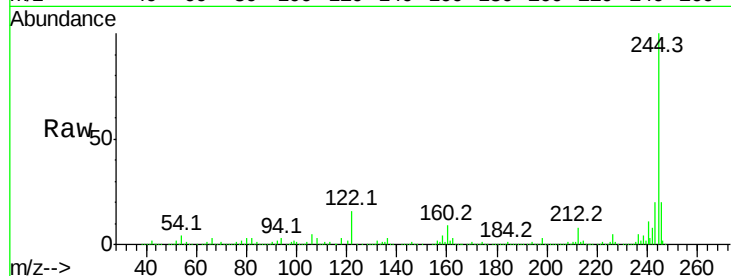


#78
 Terphenyl-d14
 Concen: 73.96 ng
 RT: 12.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF093461.D
 Acq: 9 Mar 2017 7:38

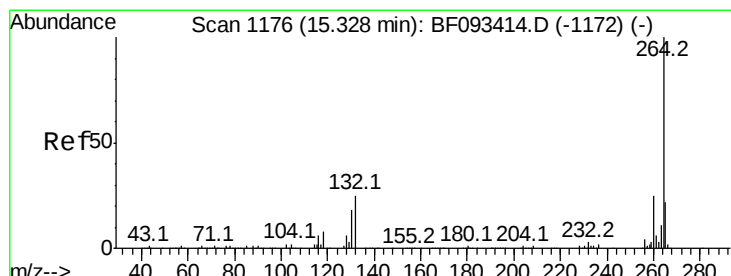
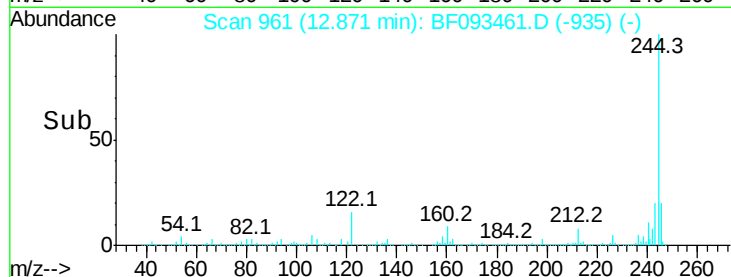
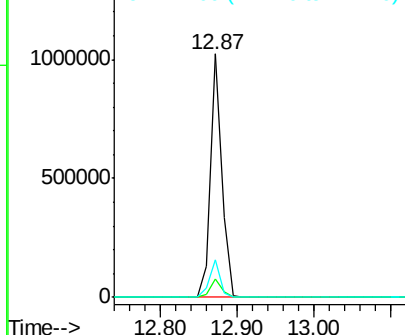
Instrument :
 BNA_F
 ClientSampled :
 D-1

Tot Ion:244 Resp: 1037015

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	15.6	11.4	17.2



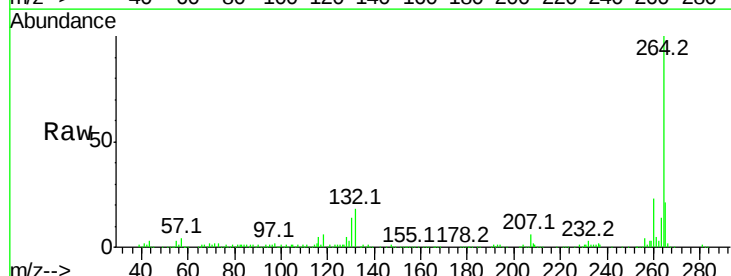
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093461.D
 Acq: 9 Mar 2017 7:38

Tgt Ion:264 Resp: 275609

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	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

