

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030617\
 Data File : BF093403.D
 Acq On : 6 Mar 2017 16:23
 Operator : SJ/MA
 Sample : I2078-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-8

Quant Time: Mar 07 00:07:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 00:03:56 2017
 Response via : Initial Calibration

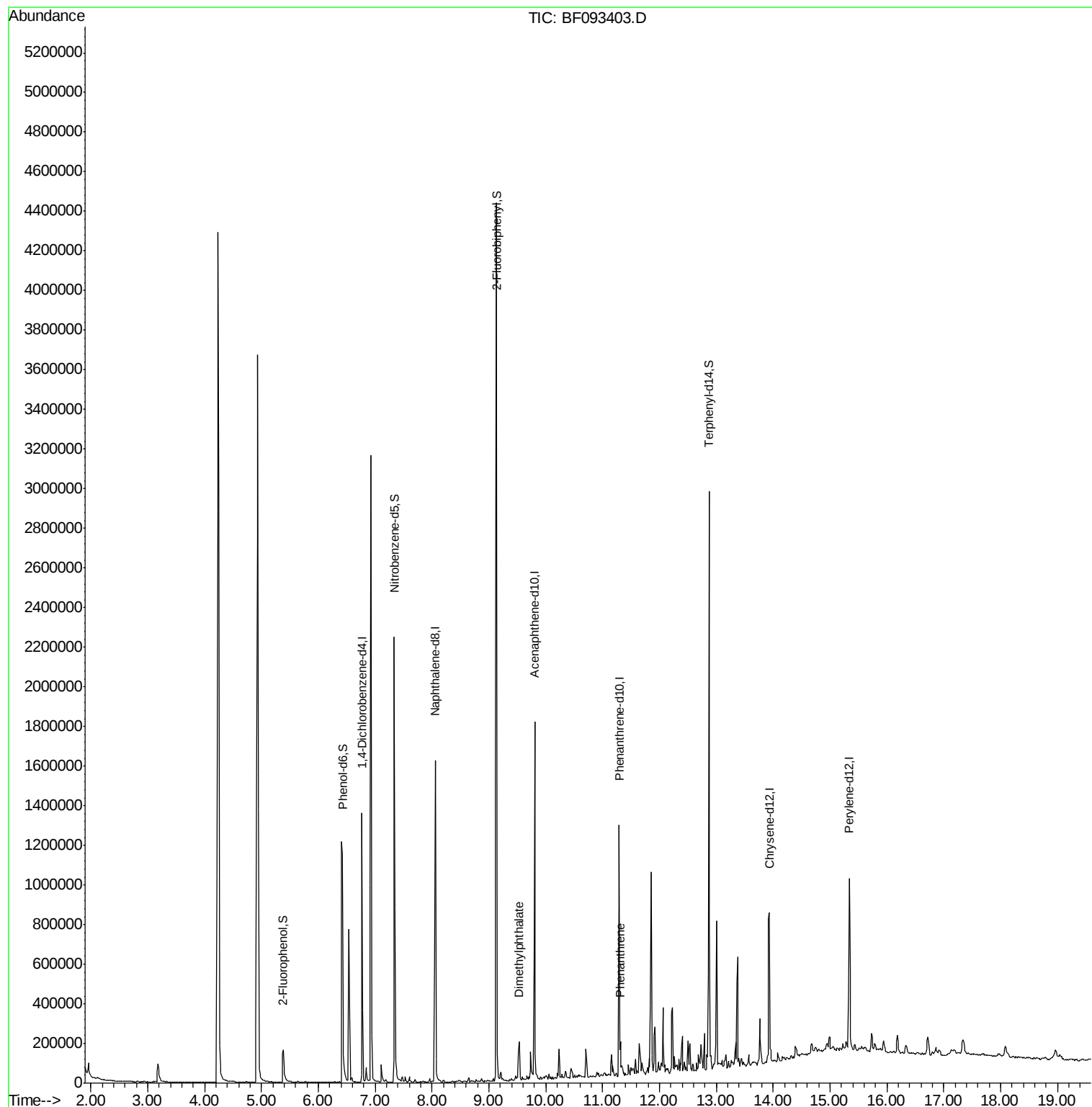
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	205174	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	799045	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	363844	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	596914	20.00	ng	0.00
75) Chrysene-d12	13.93	240	381906	20.00	ng	0.00
86) Perylene-d12	15.34	264	367308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	97305	8.14	ng	0.03
7) Phenol-d6	6.42	99	710171	46.15	ng	0.00
23) Nitrobenzene-d5	7.34	82	815202	56.81	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	1862	0.71	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1447505	72.07	ng	0.00
78) Terphenyl-d14	12.87	244	919186	56.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	104246	4.25	ng	98
70) Phenanthrene	11.32	178	70256	2.05	ng	97

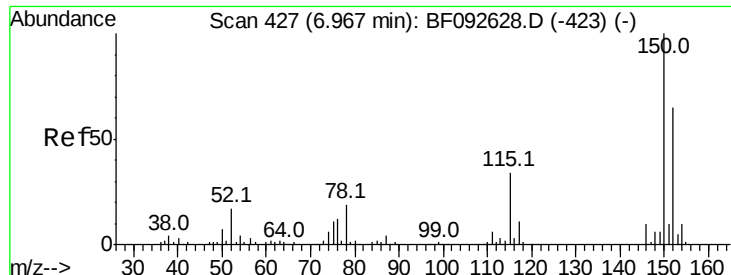
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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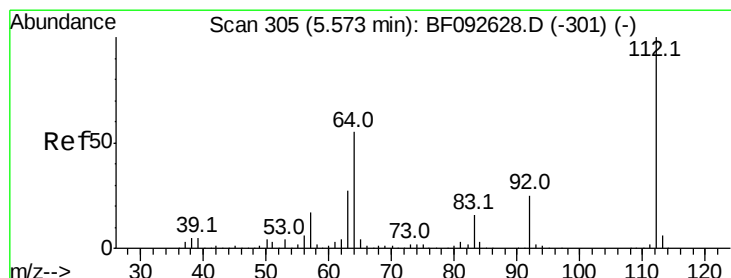
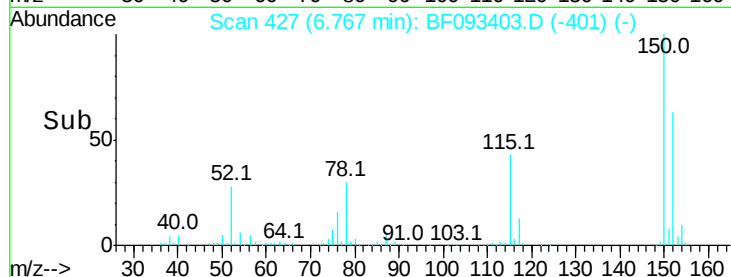
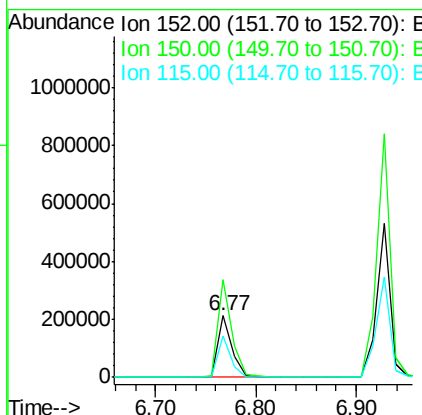
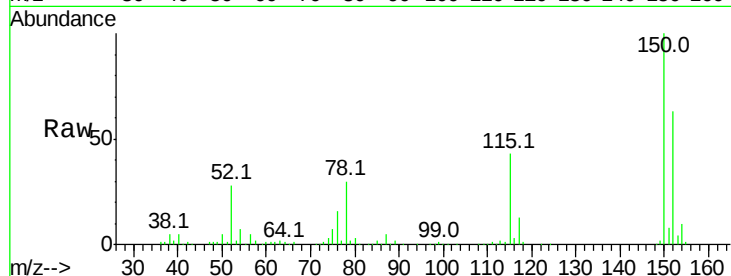


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF093403.D
Acq: 6 Mar 2017 16:23

Instrument :
BNA_F
ClientSampleId :
C-8

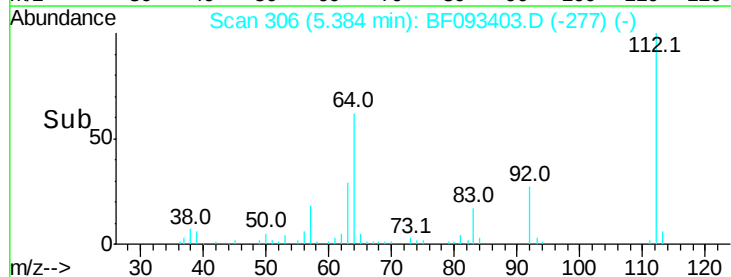
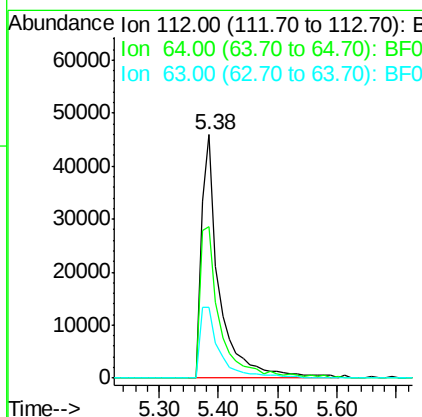
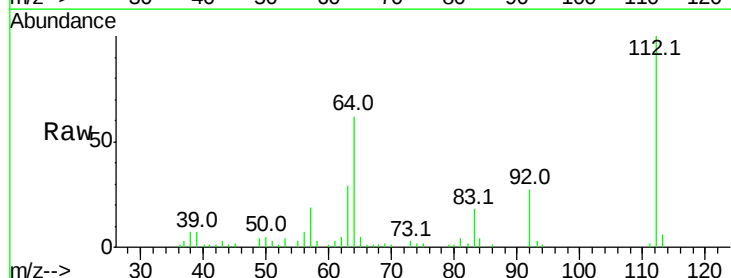
Tot Ion:152 Resp: 205174
Ion Ratio Lower Upper
152 100
150 158.3 124.9 187.3
115 67.7 46.0 69.0



#5

2-Fluorophenol
Concen: 8.14 ng
RT: 5.38 min Scan# 306
Delta R.T. 0.03 min
Lab File: BF093403.D
Acq: 6 Mar 2017 16:23

Tgt Ion:112 Resp: 97305
Ion Ratio Lower Upper
112 100
64 62.2 46.1 69.1
63 29.3 23.8 35.6





#7

Phenol-d6

Concen: 46.15 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093403.D

Acq: 6 Mar 2017 16:23

Instrument :

BNA_F

ClientSampleId :

C-8

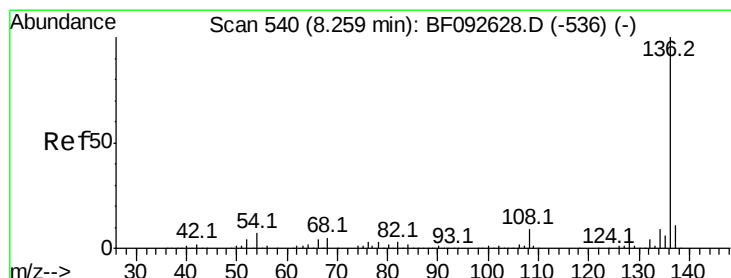
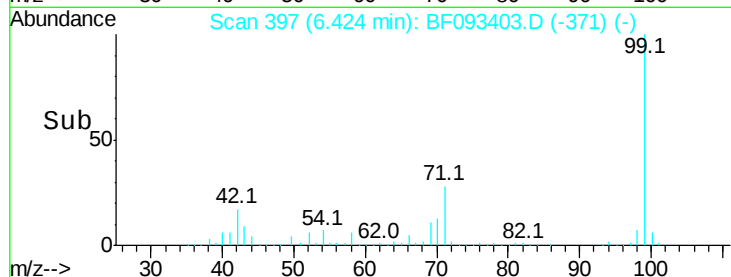
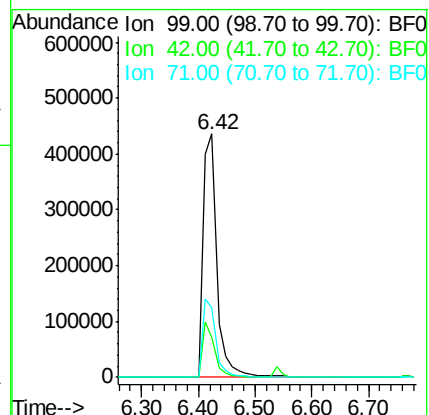
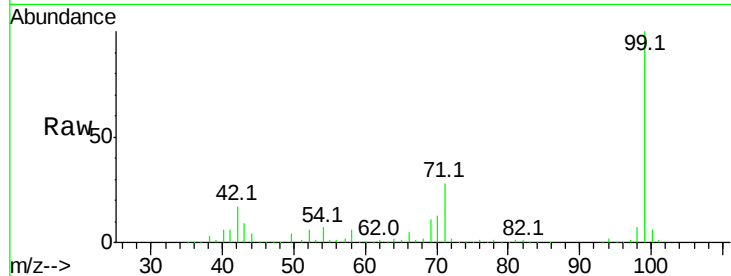
Tot Ion: 99 Resp: 710171

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 28.3 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF093403.D

Acq: 6 Mar 2017 16:23

Tgt Ion: 136 Resp: 799045

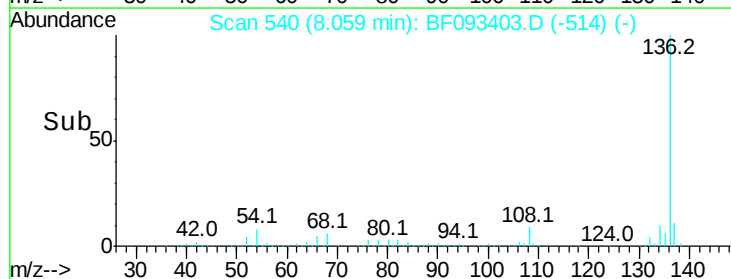
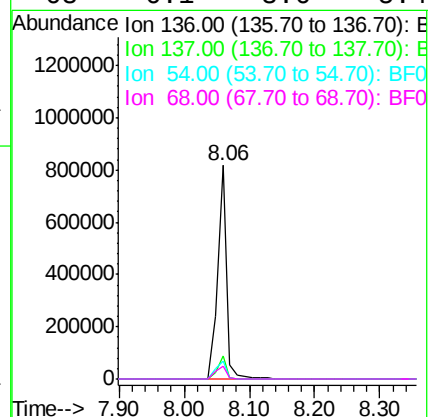
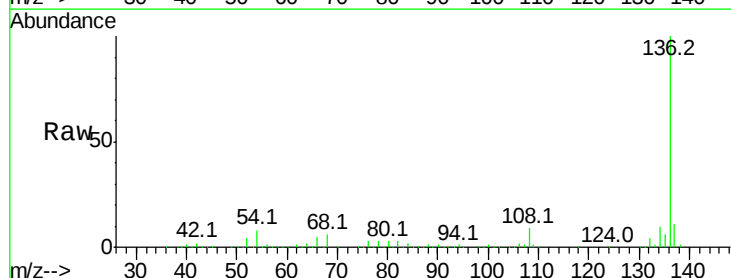
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.5 4.5 6.7#

68 6.1 3.6 5.4#

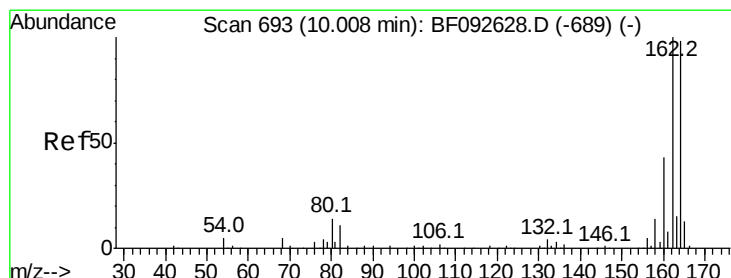
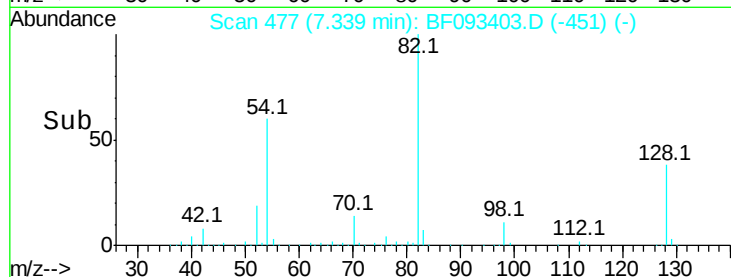
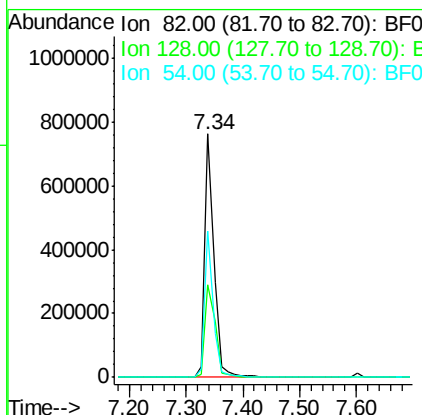
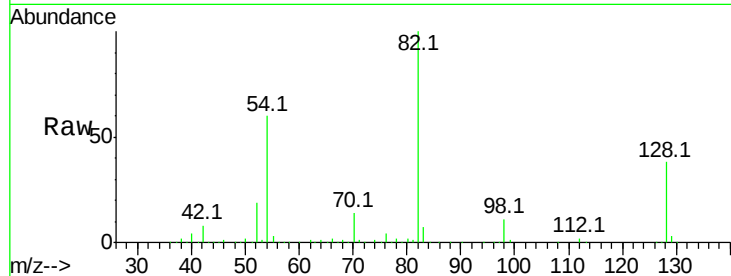




#23
 Nitrobenzene-d5
 Concen: 56.81 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF093403.D
 Acq: 6 Mar 2017 16:23

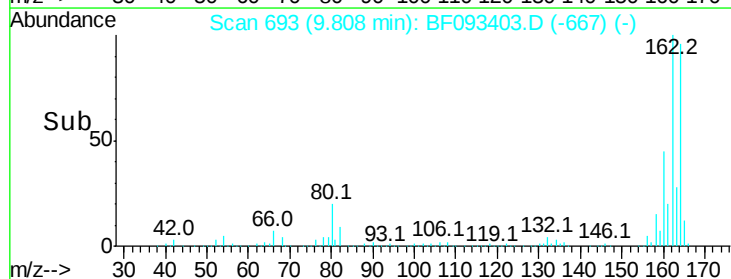
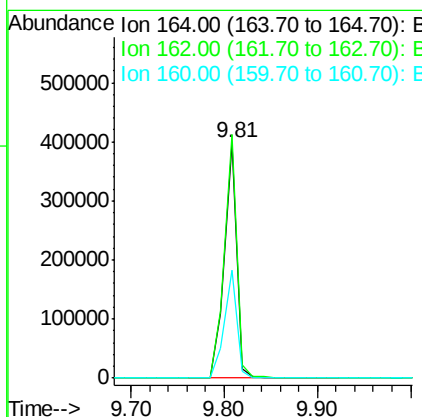
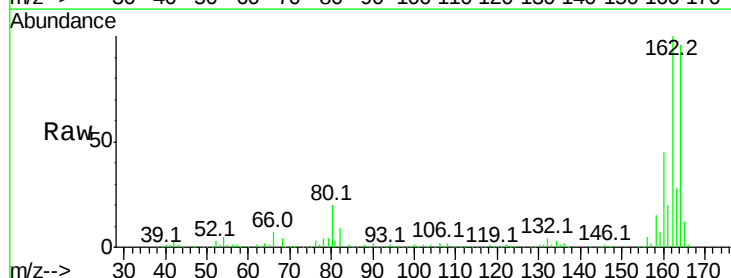
Instrument :
 BNA_F
 ClientSampleID :
 C-8

Tot Ion: 82 Resp: 815202
 Ion Ratio Lower Upper
 82 100
 128 37.9 34.6 52.0
 54 59.9 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF093403.D
 Acq: 6 Mar 2017 16:23

Tgt Ion:164 Resp: 363844
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.2 120.2
 160 46.2 36.9 55.3

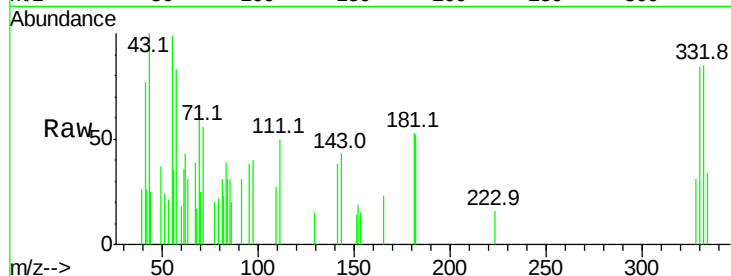




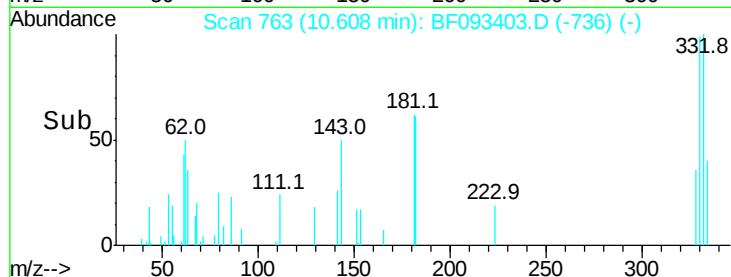
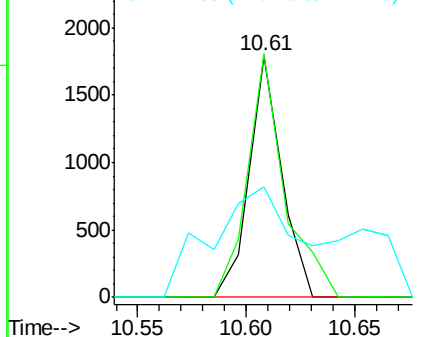
#41
 2,4,6-Tribromophenol
 Concen: 0.71 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093403.D
 Acq: 6 Mar 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :
 C-8

Tot Ion:330 Resp: 1862
 Ion Ratio Lower Upper
 330 100
 332 114.4 77.4 116.2
 141 117.4 34.1 51.1#

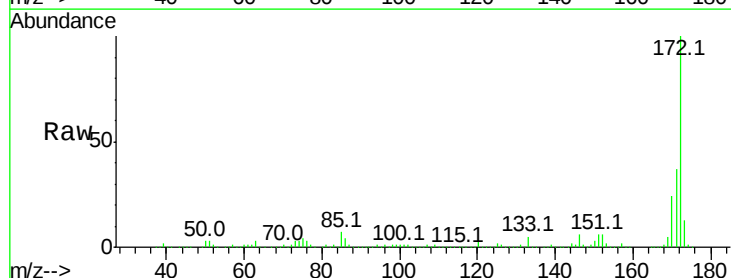


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

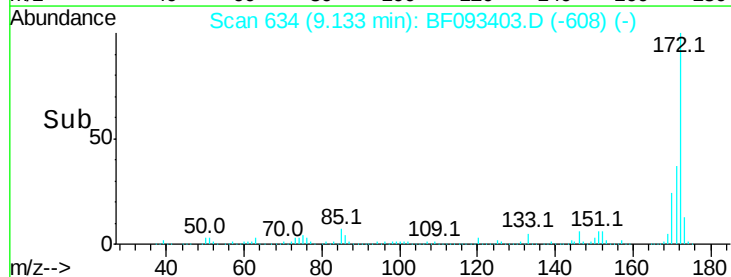
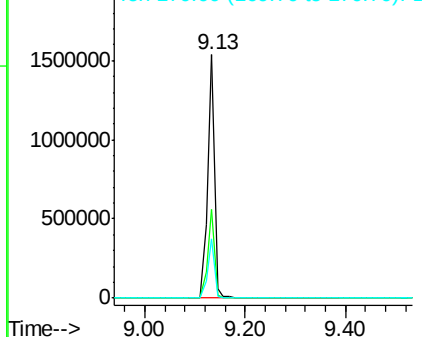


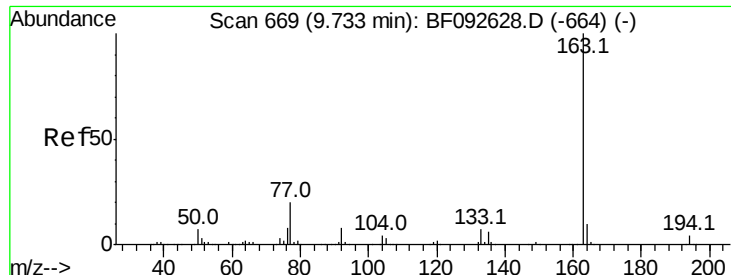
#44
 2-Fluorobiphenyl
 Concen: 72.07 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF093403.D
 Acq: 6 Mar 2017 16:23

Tgt Ion:172 Resp: 1447505
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.4 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

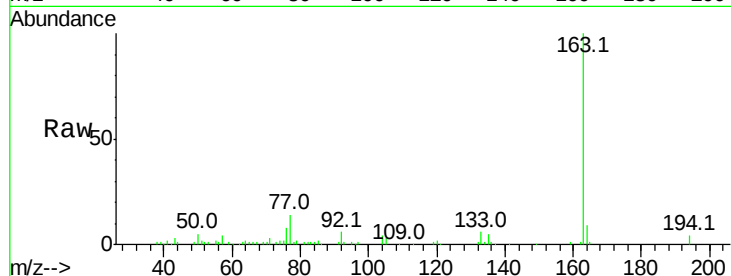




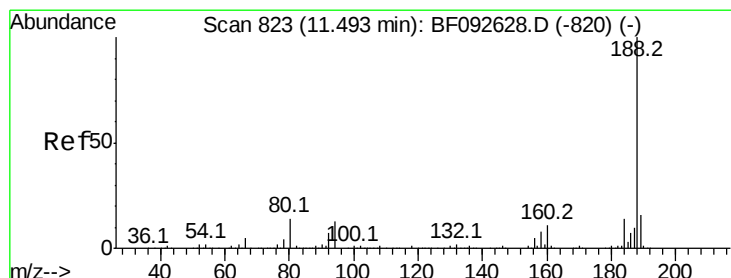
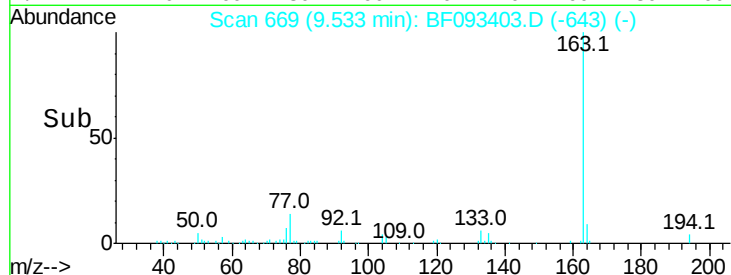
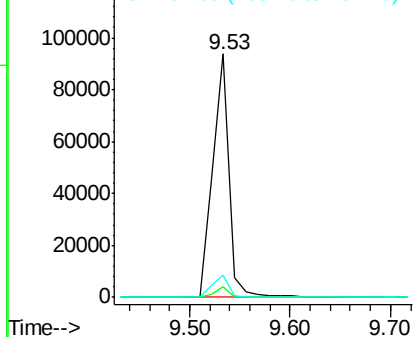
#49
Dimethylphthalate
Concen: 4.25 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF093403.D
Acq: 6 Mar 2017 16:23

Instrument :
BNA_F
ClientSampleId :
C-8

Tot Ion:163 Resp: 104246
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 9.3 8.0 12.0

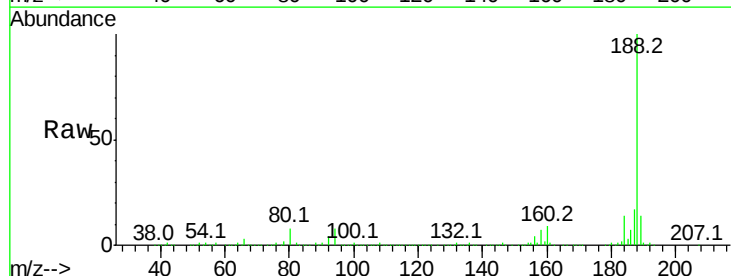


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

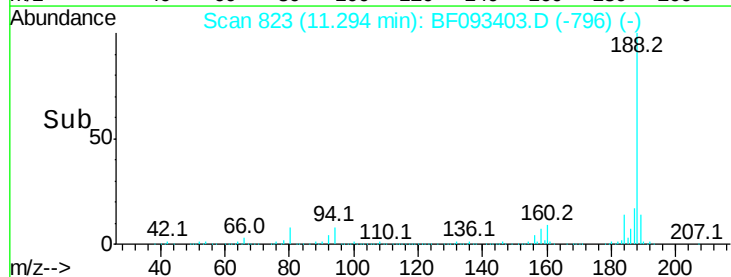
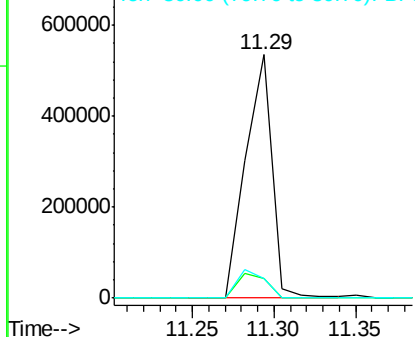


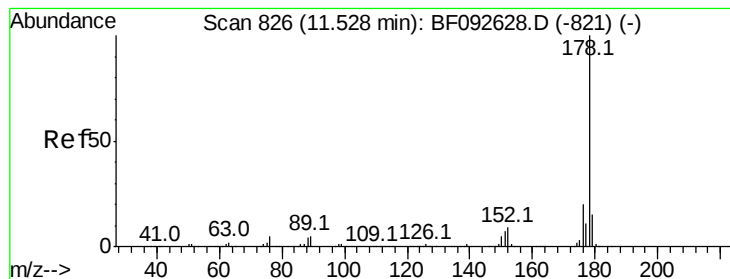
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093403.D
Acq: 6 Mar 2017 16:23

Tgt Ion:188 Resp: 596914
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.1 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: 2.05 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF093403.D

Acq: 6 Mar 2017 16:23

Instrument :

BNA_F

ClientSampled :

C-8

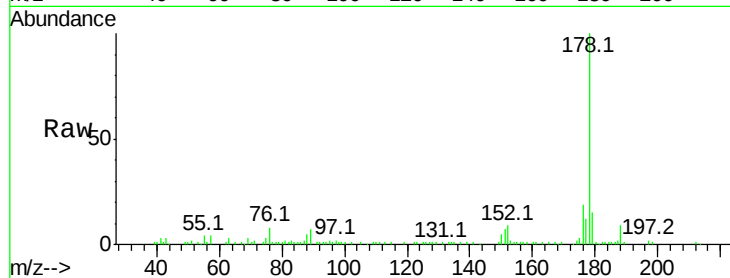
Tot Ion:178 Resp: 70256

Ion Ratio Lower Upper

178 100

176 19.0 16.6 25.0

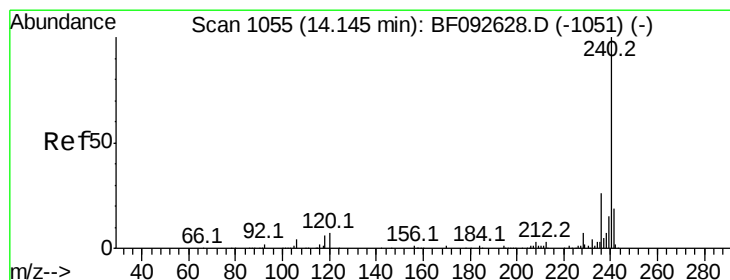
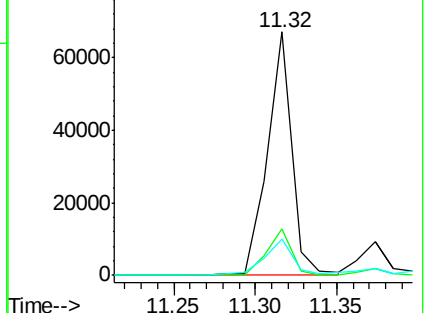
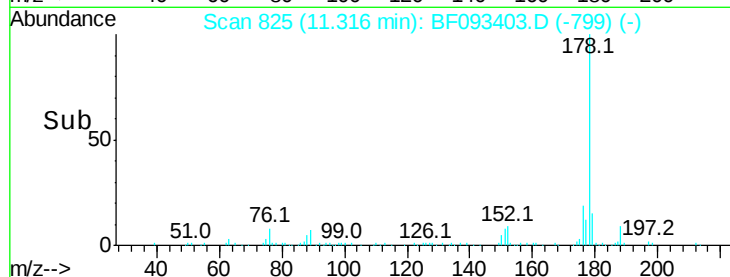
179 15.0 12.8 19.2



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: BF093403.D

Acq: 6 Mar 2017 16:23

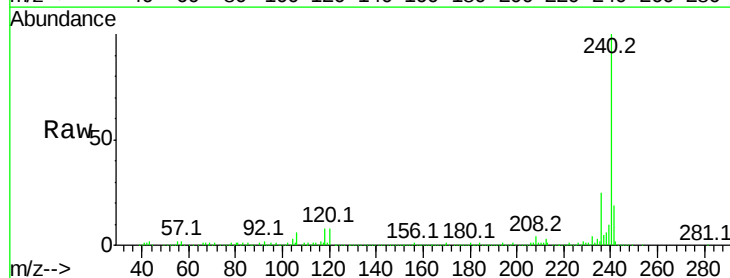
Tgt Ion:240 Resp: 381906

Ion Ratio Lower Upper

240 100

120 8.1 12.9 19.3#

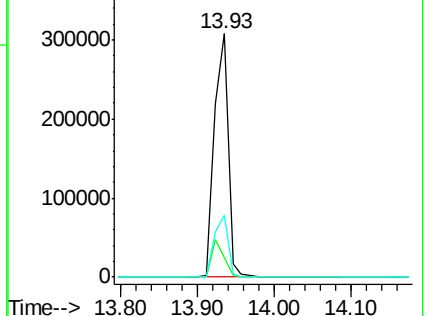
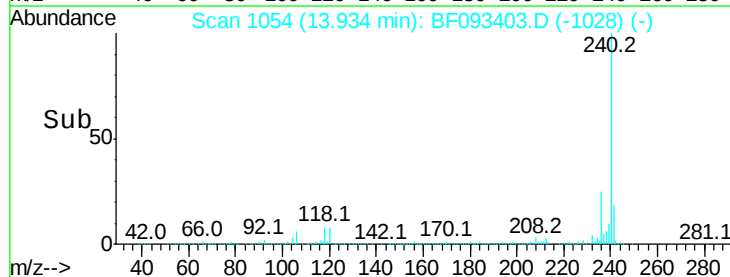
236 25.4 20.9 31.3

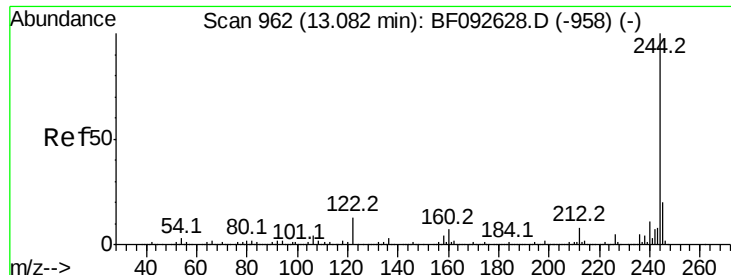


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

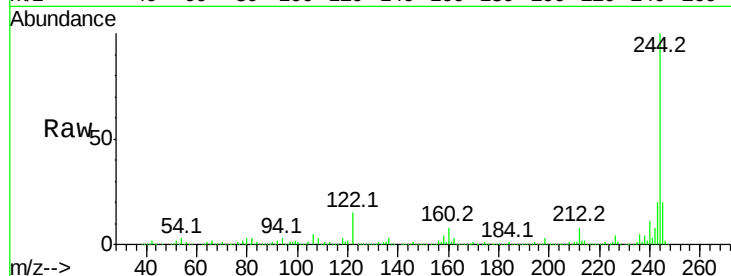




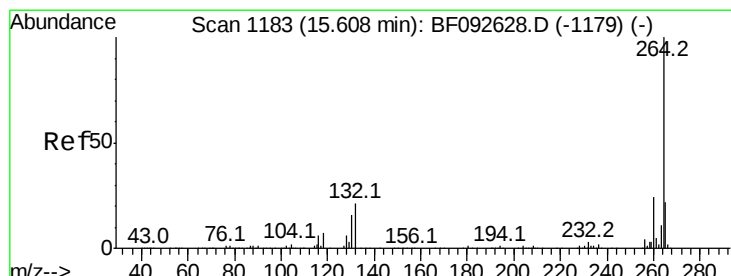
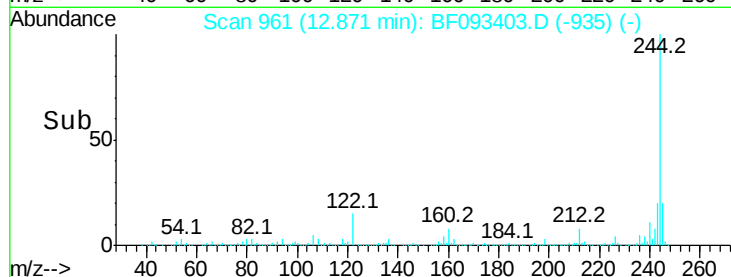
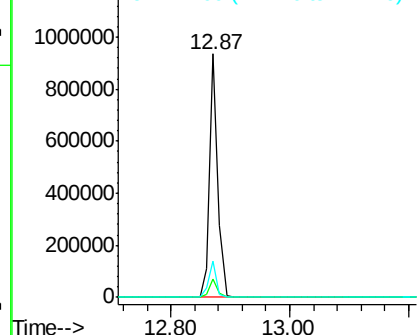
#78
 Terphenyl-d14
 Concen: 56.55 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF093403.D
 Acq: 6 Mar 2017 16:23

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 919186
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.9 11.4 17.2

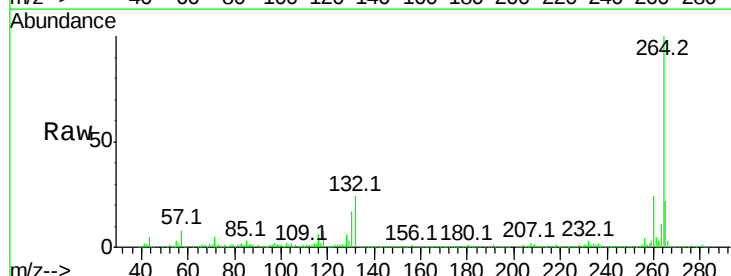


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093403.D
 Acq: 6 Mar 2017 16:23

Tgt Ion:264 Resp: 367308
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 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

