

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093318.D
 Acq On : 2 Mar 2017 12:52
 Operator : SJ/MA
 Sample : I2006-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1

Quant Time: Mar 03 00:32:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

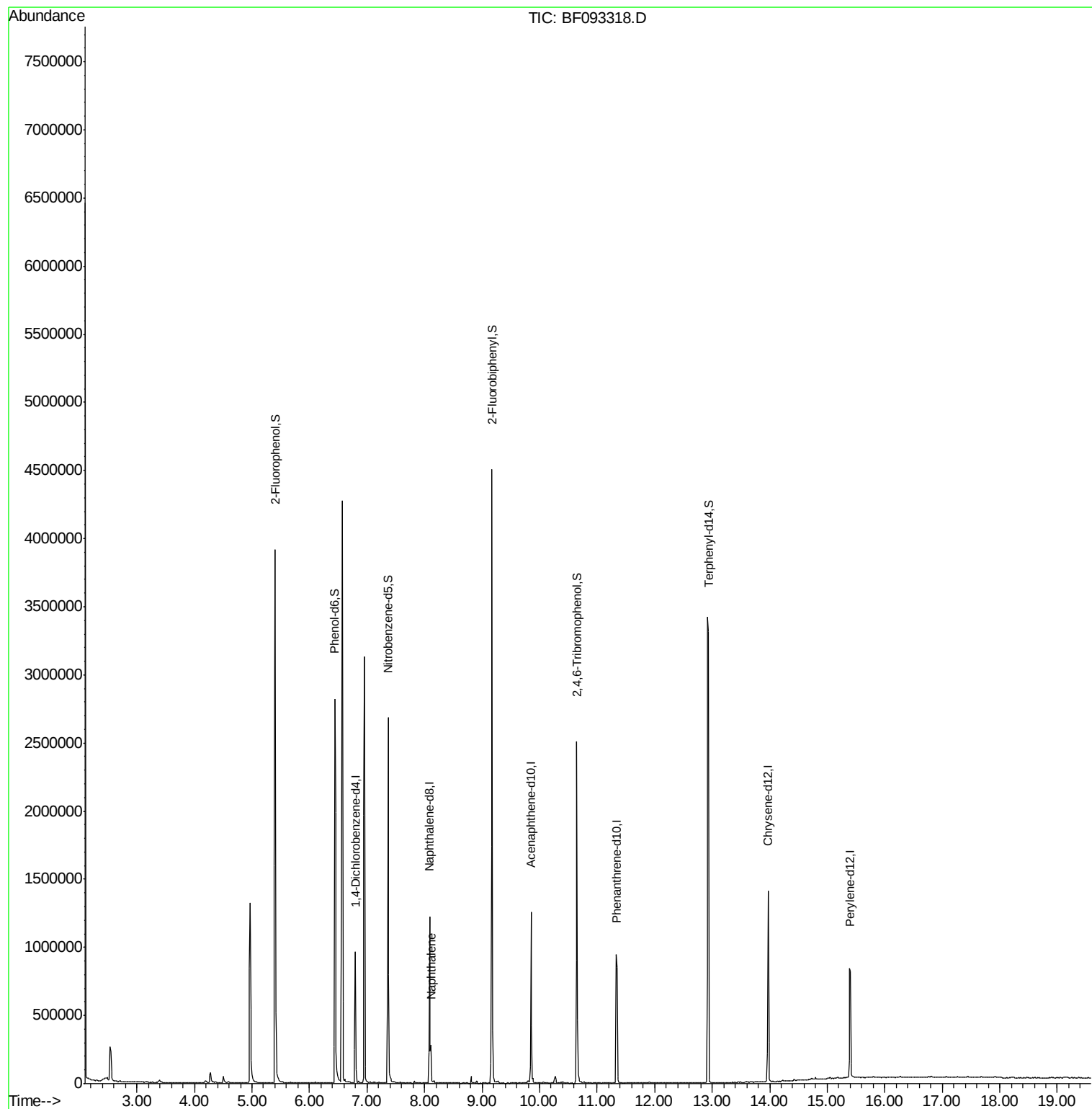
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	150364	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	561613	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	263612	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	516378	20.00	ng	0.00
75) Chrysene-d12	13.97	240	482582	20.00	ng	-0.01
86) Perylene-d12	15.40	264	446873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1199814	136.90	ng	0.01
7) Phenol-d6	6.44	99	1370572	121.54	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1013523	100.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	319034	167.33	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1587627	109.11	ng	0.00
78) Terphenyl-d14	12.93	244	1722612	83.87	ng	0.01
Target Compounds						
31) Naphthalene	8.11	128	124080	4.36	ng	Qvalue 98

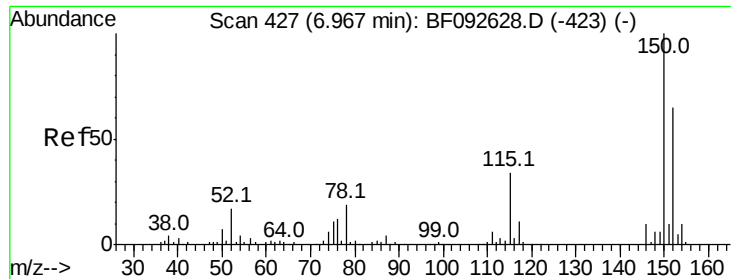
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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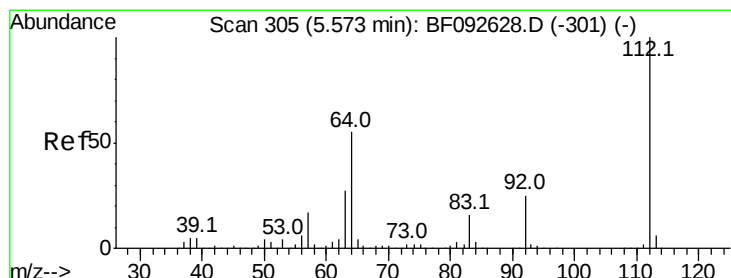
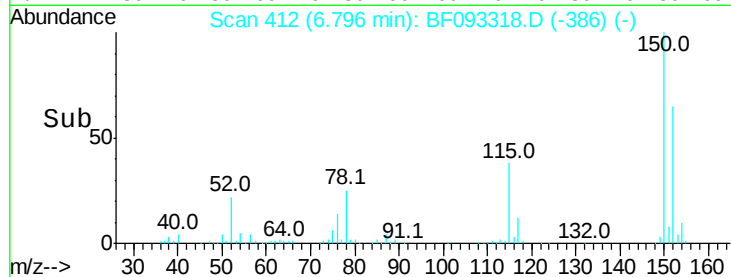
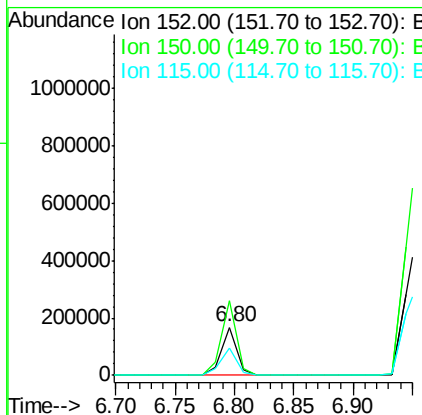
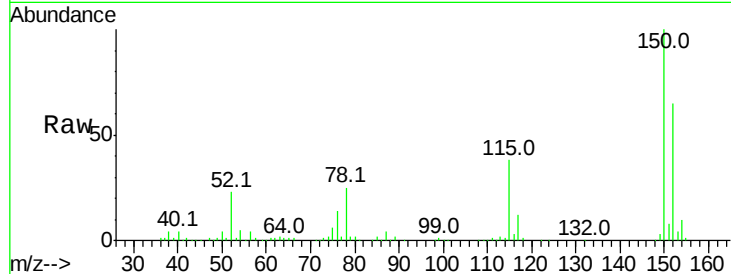


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF093318.D
 Acq: 2 Mar 2017 12:52

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1

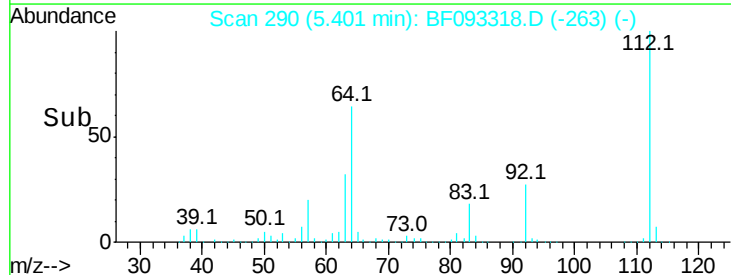
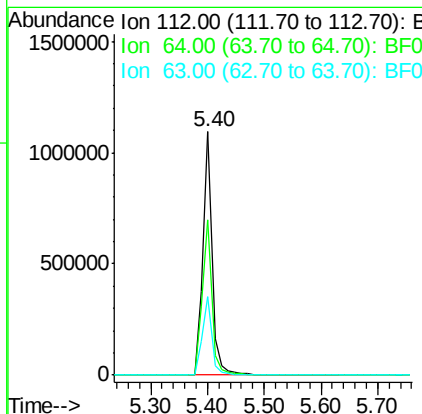
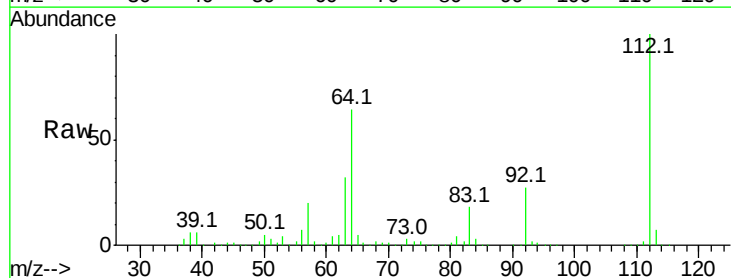
Tot Ion:152 Resp: 150364
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.9 187.3
 115 57.9 46.0 69.0

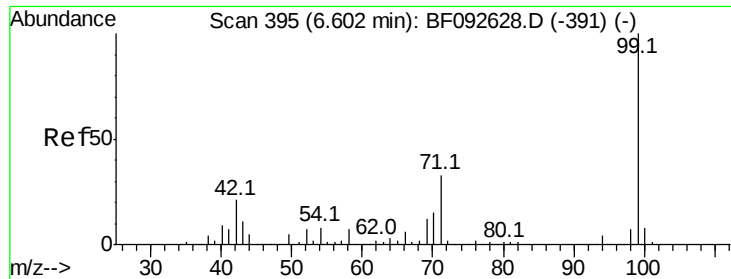


#5

2-Fluorophenol
 Concen: 136.90 ng
 RT: 5.40 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF093318.D
 Acq: 2 Mar 2017 12:52

Tgt Ion:112 Resp: 1199814
 Ion Ratio Lower Upper
 112 100
 64 63.6 46.1 69.1
 63 32.5 23.8 35.6





#7

Phenol-d6

Concen: 121.54 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093318.D

Acq: 2 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1

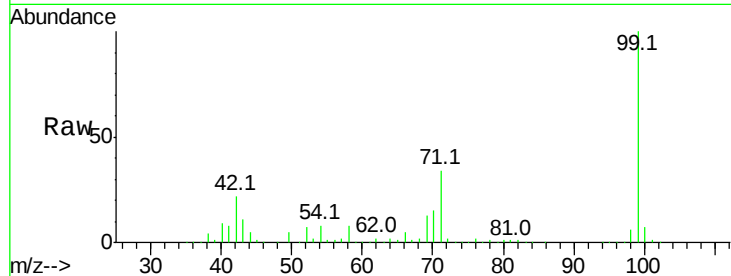
Tot Ion: 99 Resp: 1370572

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

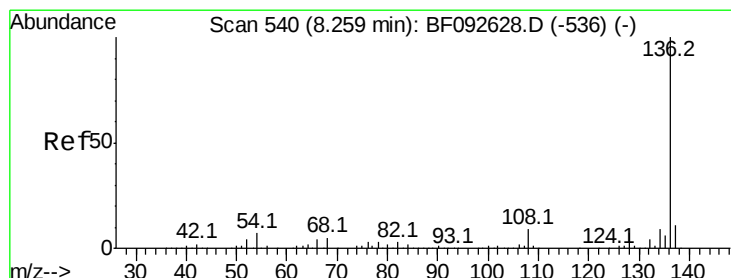
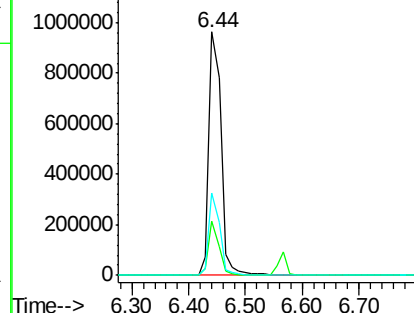
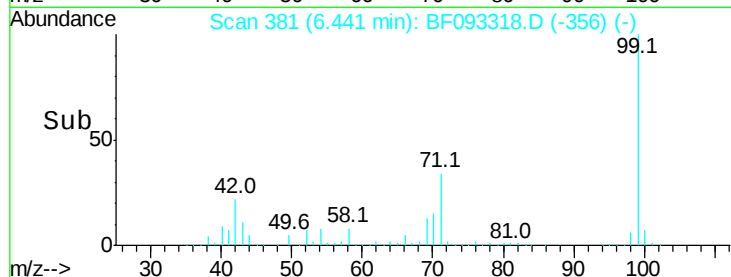
71 33.6 27.5 41.3



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: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093318.D

Acq: 2 Mar 2017 12:52

Tgt Ion:136 Resp: 561613

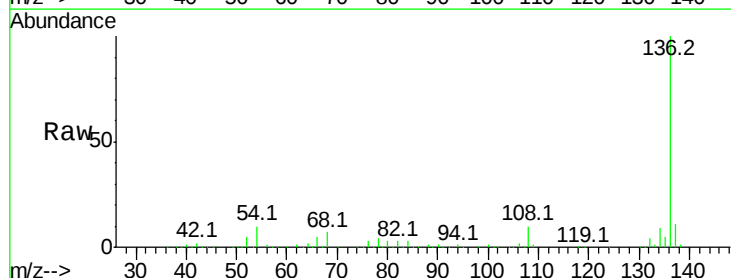
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.7 4.5 6.7#

68 7.2 3.6 5.4#

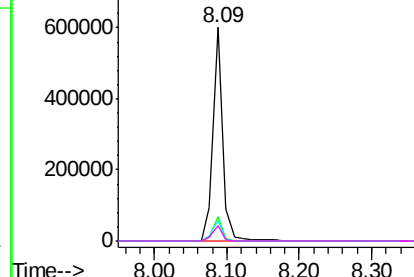
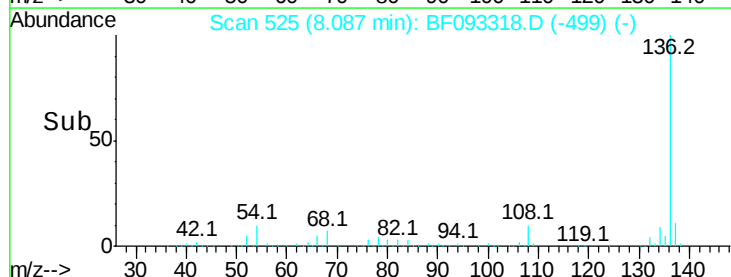


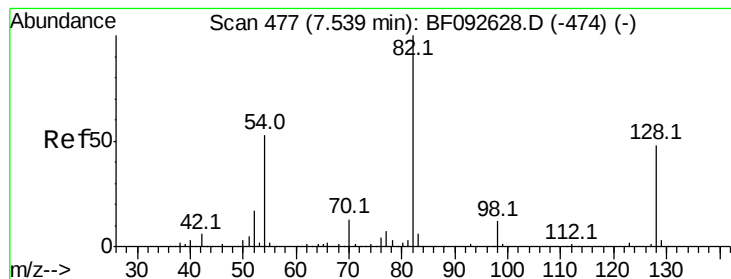
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.50 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF093318.D

Acq: 2 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1

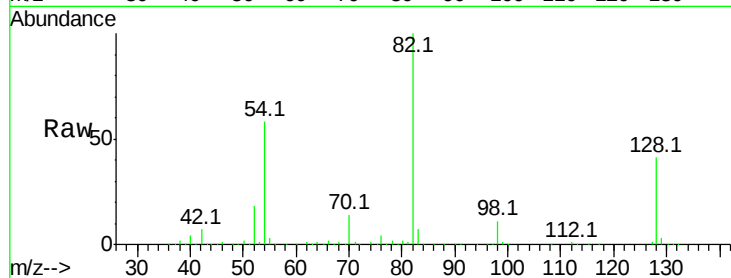
Tot Ion: 82 Resp: 1013523

Ion Ratio Lower Upper

82 100

128 40.9 34.6 52.0

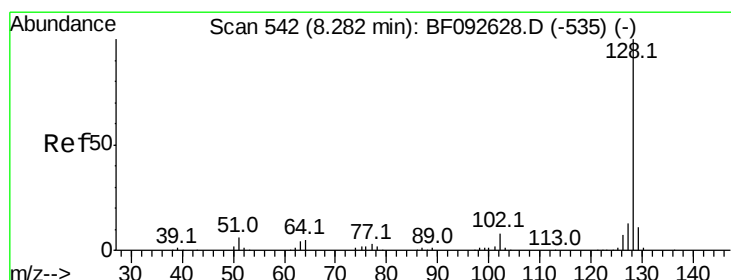
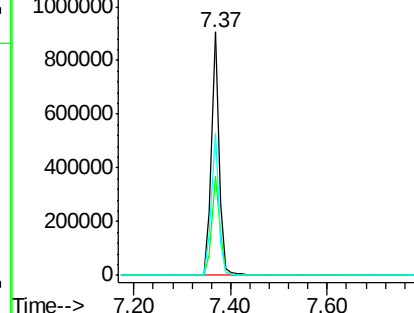
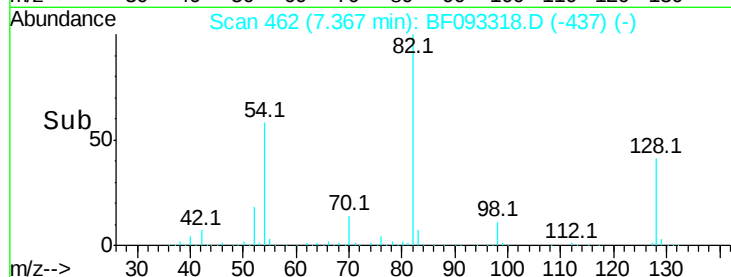
54 58.3 39.5 59.3



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: 4.36 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF093318.D

Acq: 2 Mar 2017 12:52

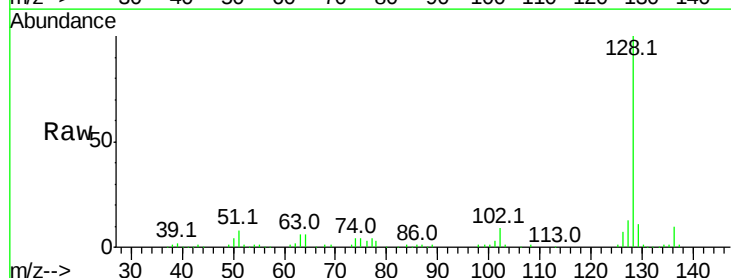
Tgt Ion:128 Resp: 124080

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

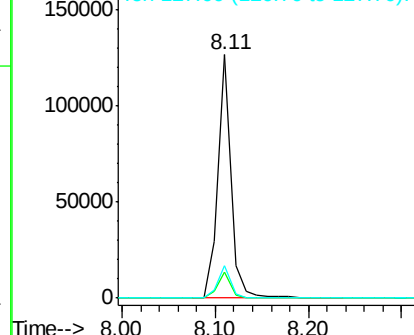
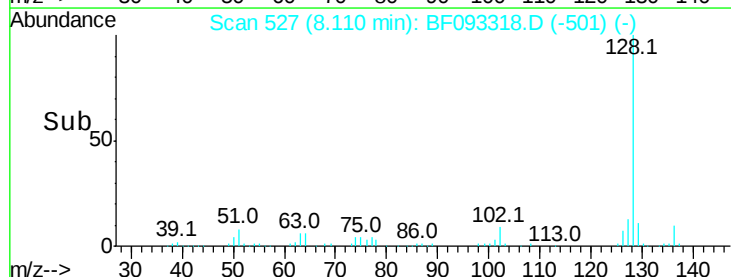
127 13.2 10.8 16.2

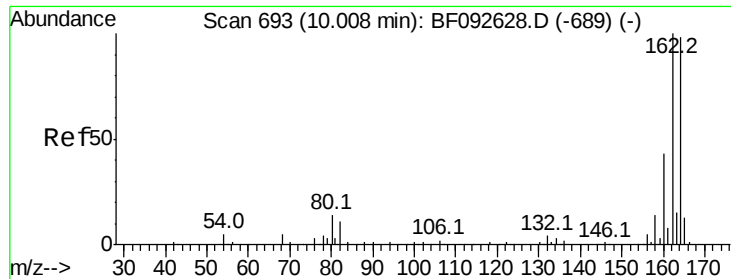


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

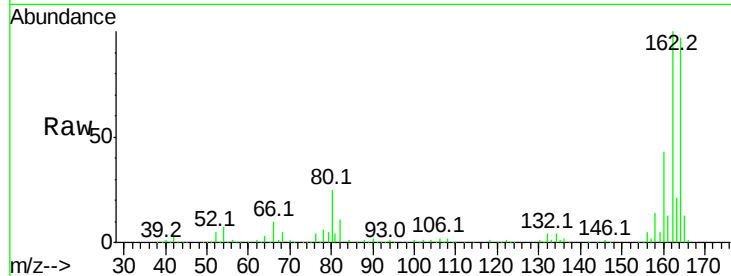




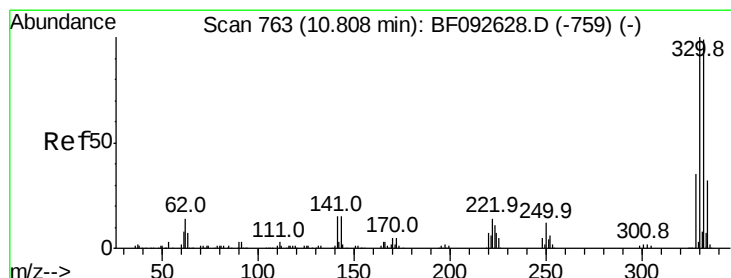
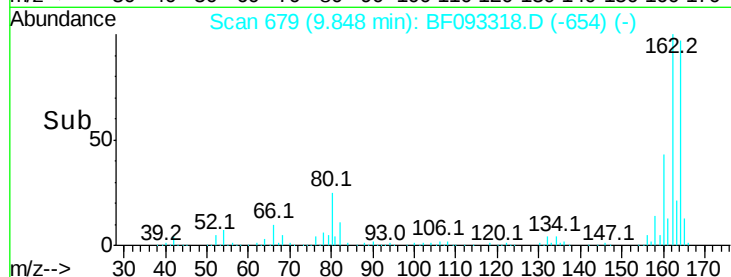
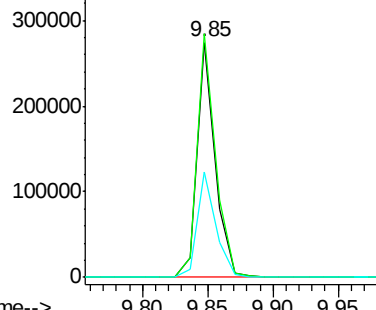
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093318.D
Acq: 2 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
CPSIDW-1

Tot Ion:164 Resp: 263612
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 44.5 36.9 55.3

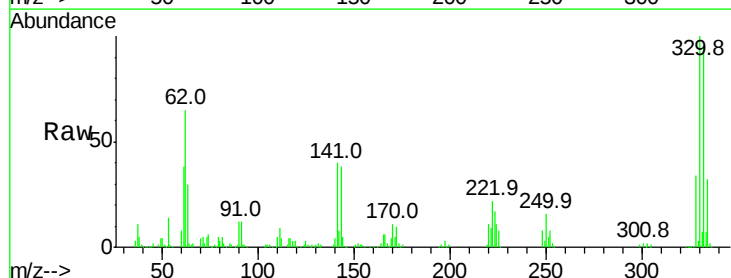


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

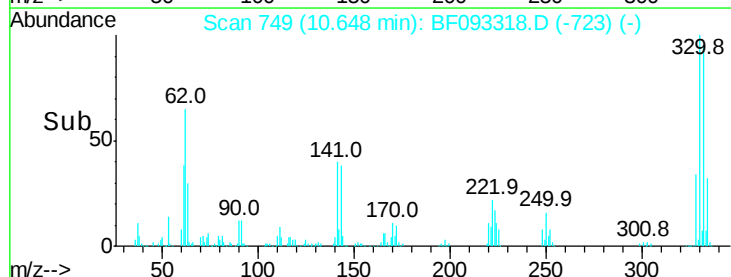
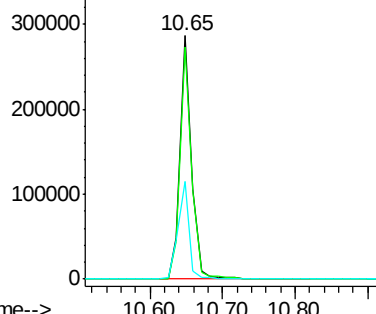


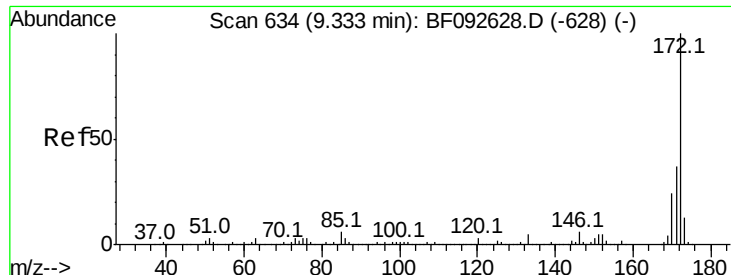
#41
2,4,6-Tribromophenol
Concen: 167.33 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF093318.D
Acq: 2 Mar 2017 12:52

Tgt Ion:330 Resp: 319034
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 38.4 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



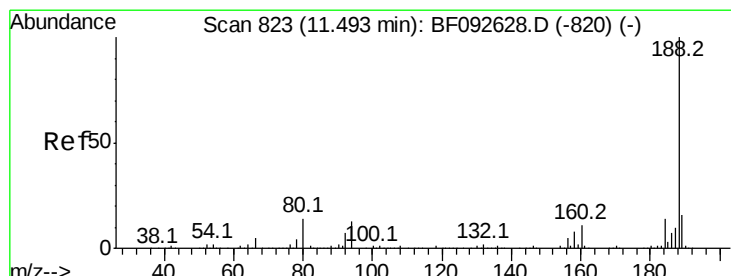
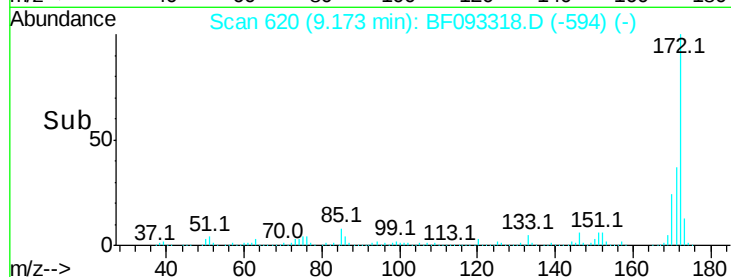
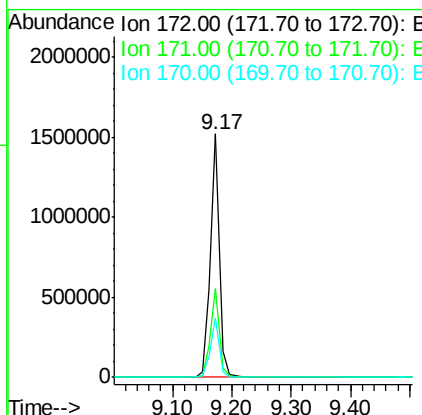
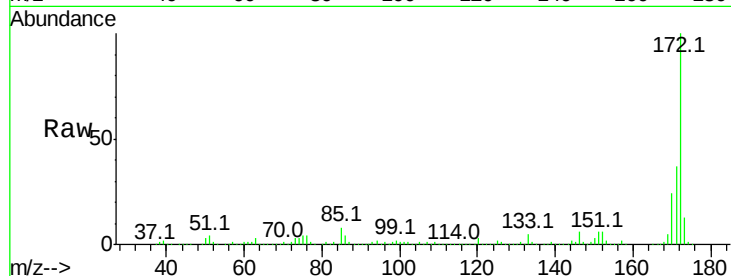


#44
 2-Fluorobiphenyl
 Concen: 109.11 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093318.D
 Acq: 2 Mar 2017 12:52

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1

Tot Ion:172 Resp: 1587627

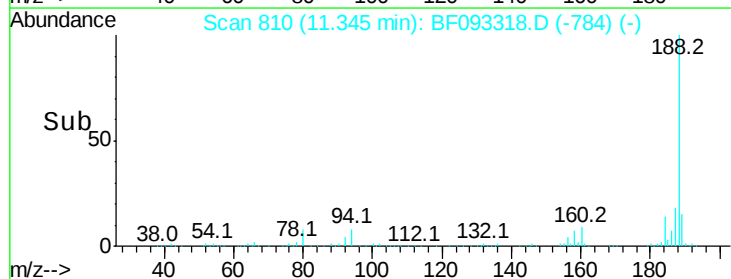
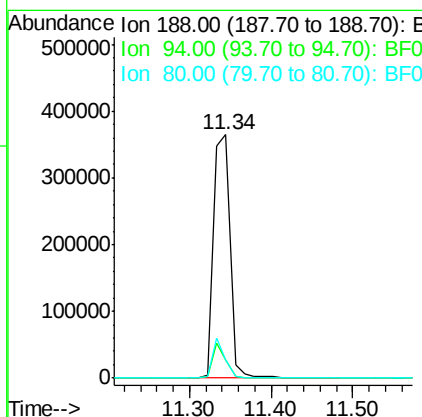
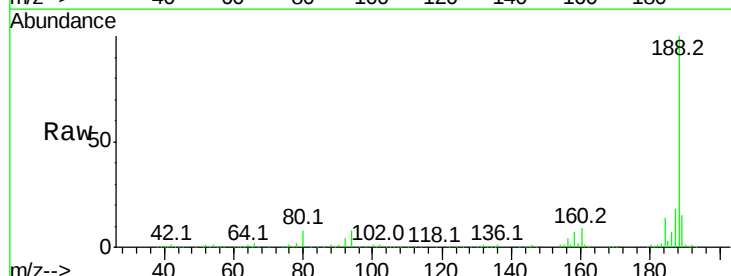
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.2	20.2	30.4

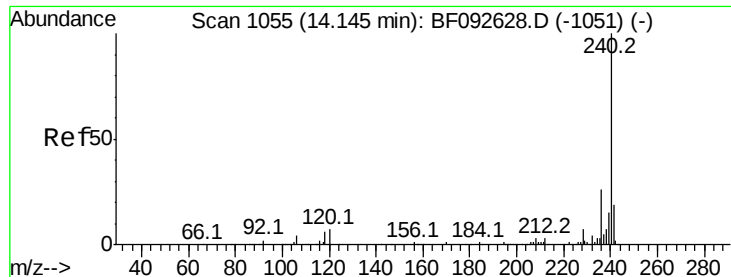


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF093318.D
 Acq: 2 Mar 2017 12:52

Tgt Ion:188 Resp: 516378

Ion	Ratio	Lower	Upper
188	100		
94	7.6	10.0	15.0#
80	7.6	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093318.D

Acq: 2 Mar 2017 12:52

Instrument :

BNA_F

ClientSampleId :

CPSIDW-1

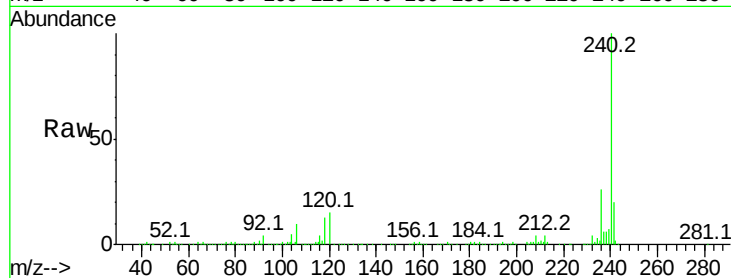
Tot Ion:240 Resp: 482582

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

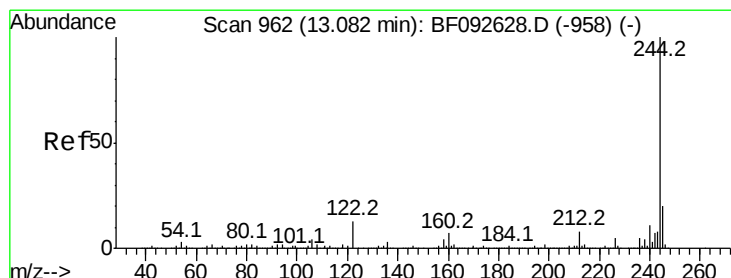
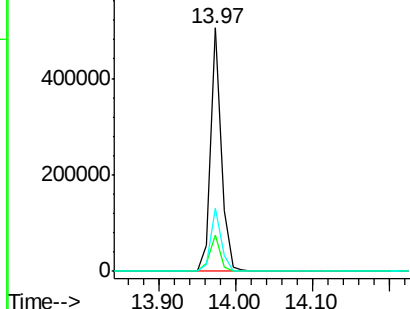
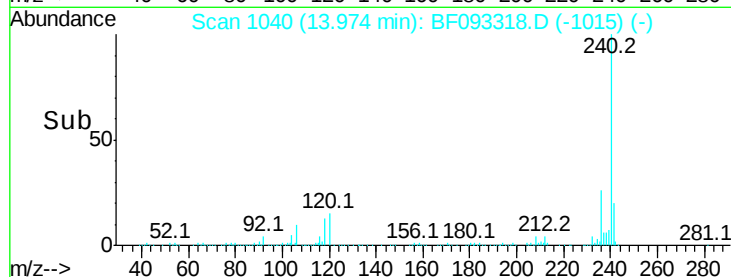
236 25.9 20.9 31.3



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: 83.87 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF093318.D

Acq: 2 Mar 2017 12:52

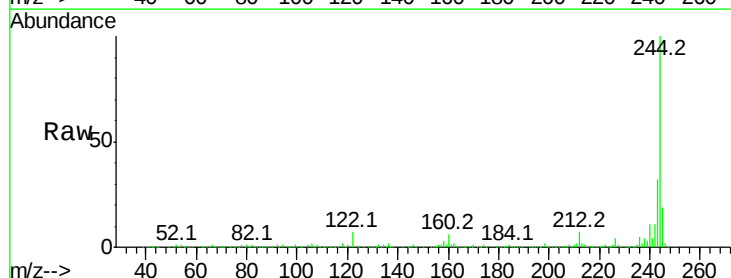
Tgt Ion:244 Resp: 1722612

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

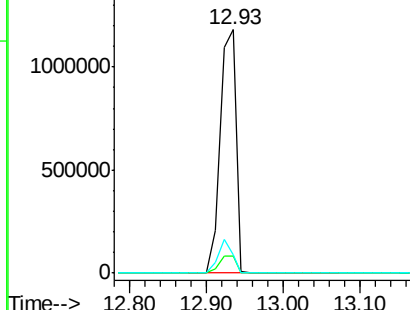
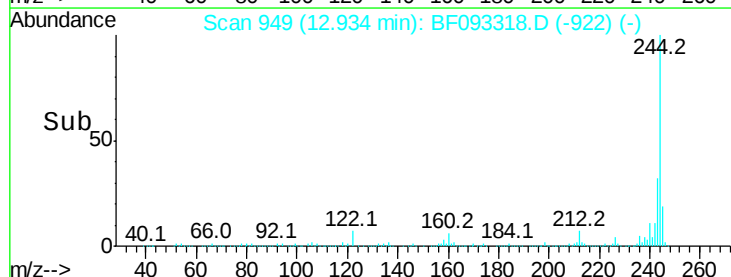
122 7.5 11.4 17.2#

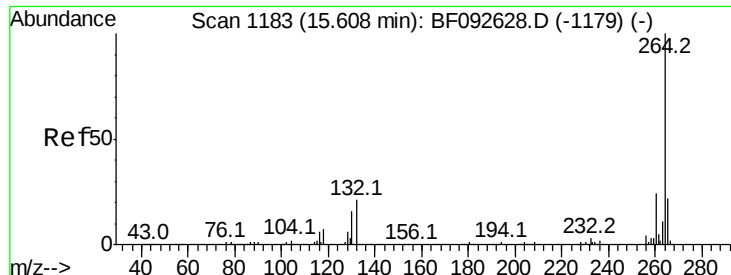


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF093318.D
 Acq: 2 Mar 2017 12:52

Instrument :
 BNA_F
 ClientSampleId :
 CPSIDW-1

Tot Ion:264 Resp: 446873
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.4 26.0

