

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093080.D
 Acq On : 22 Feb 2017 17:29
 Operator : SJ/MA
 Sample : I1915-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-1

Quant Time: Feb 23 00:17:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

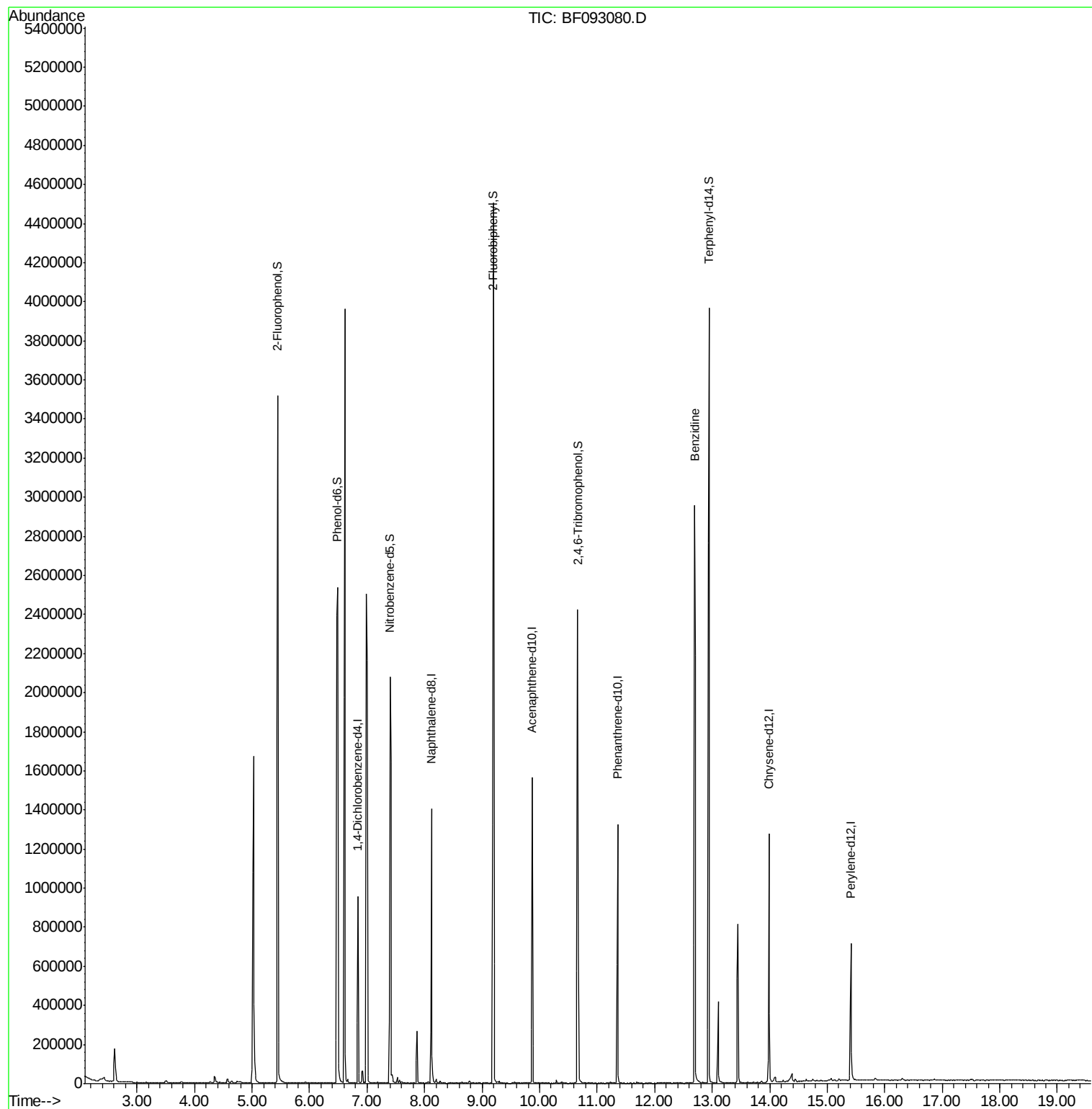
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154294	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	618180	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	300660	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	549410	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	443578	20.00	ng	-0.03
86) Perylene-d12	15.41	264	322687	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1084547	120.59	ng	0.00
7) Phenol-d6	6.49	99	1320468	114.11	ng	0.00
23) Nitrobenzene-d5	7.40	82	966654	87.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	309966	142.54	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1508619	90.90	ng	-0.02
78) Terphenyl-d14	12.94	244	1589457	84.19	ng	-0.02
Target Compounds						
76) Benzidine	12.69	184	1721113	91.05	ng	Qvalue 97

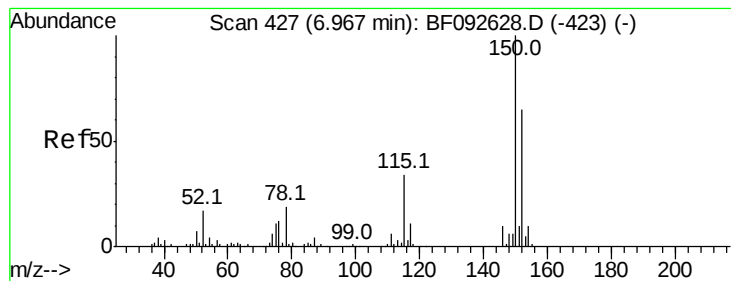
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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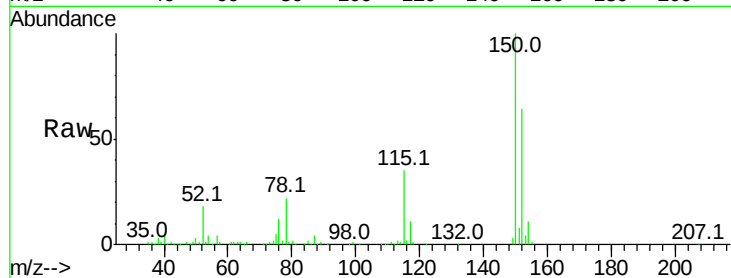


#1

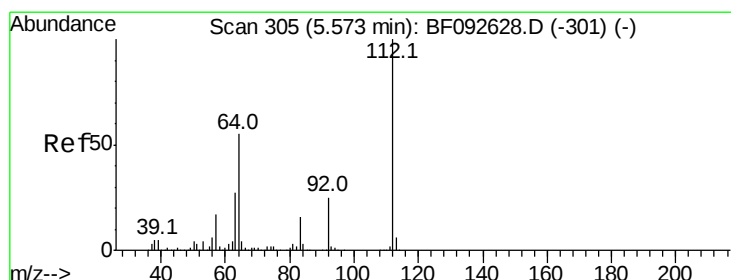
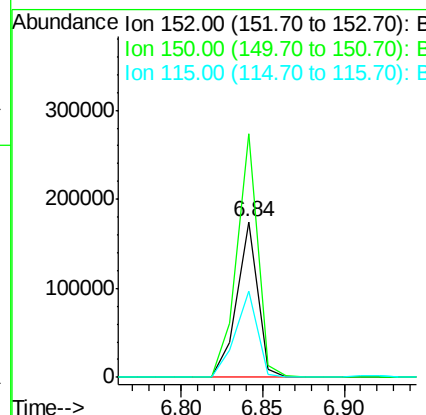
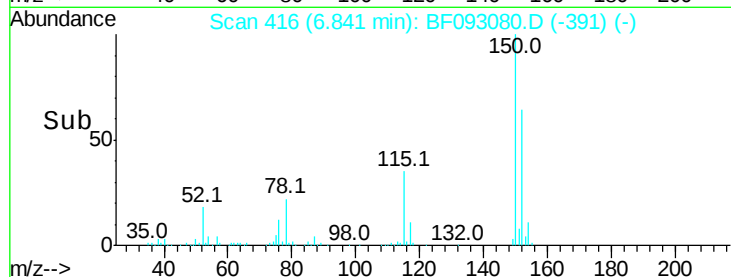
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093080.D
Acq: 22 Feb 2017 17:29

Instrument :
BNA_F
ClientSampleId :
B1-1

Tot Ion:152 Resp: 154294
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 55.1 46.0 69.0



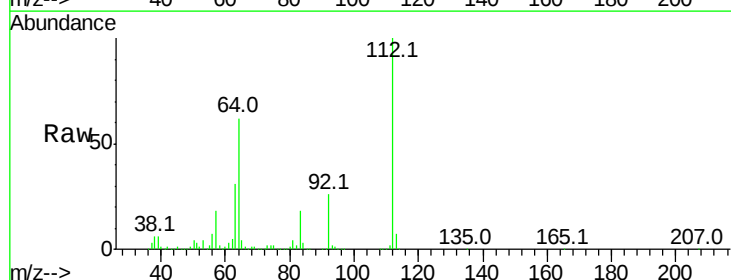
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



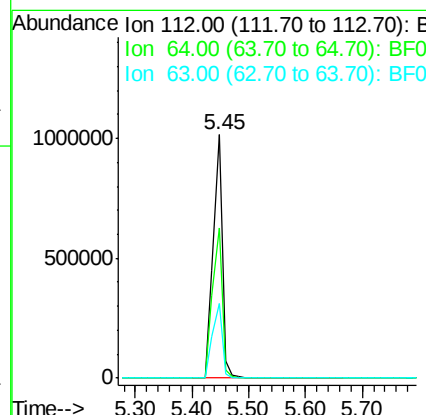
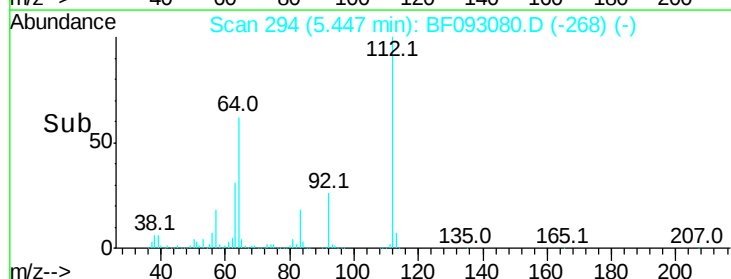
#5

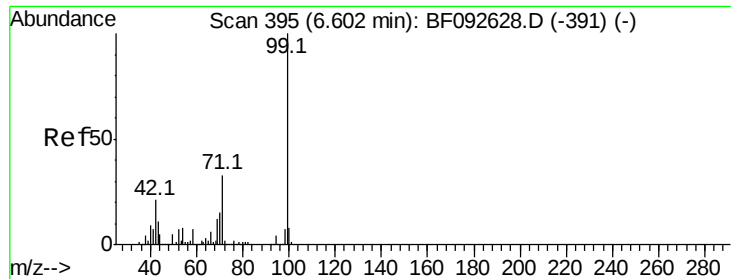
2-Fluorophenol
Concen: 120.59 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093080.D
Acq: 22 Feb 2017 17:29

Tgt Ion:112 Resp: 1084547
Ion Ratio Lower Upper
112 100
64 61.7 46.1 69.1
63 30.6 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: 114.11 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093080.D

Acq: 22 Feb 2017 17:29

Instrument :

BNA_F

ClientSampled :

B1-1

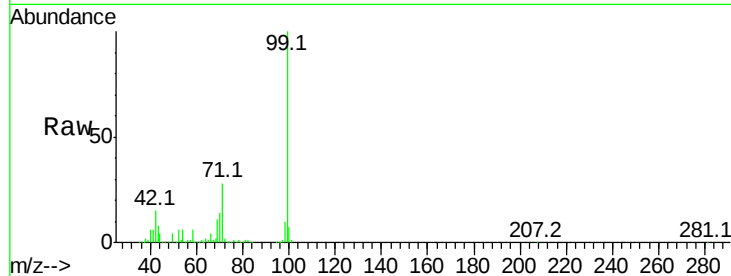
Tot Ion: 99 Resp: 1320468

Ion Ratio Lower Upper

99 100

42 14.7 15.6 23.4#

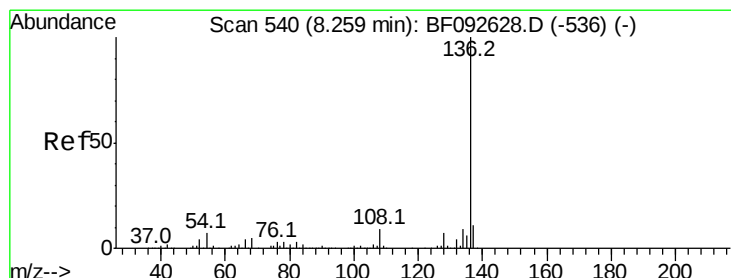
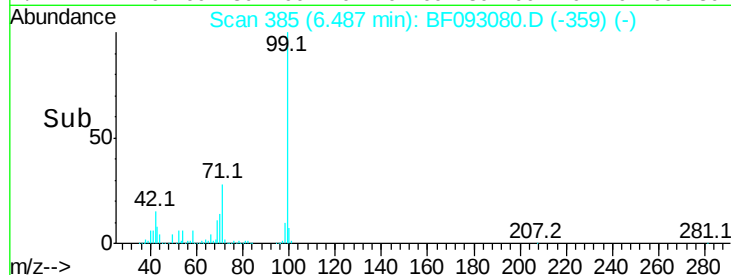
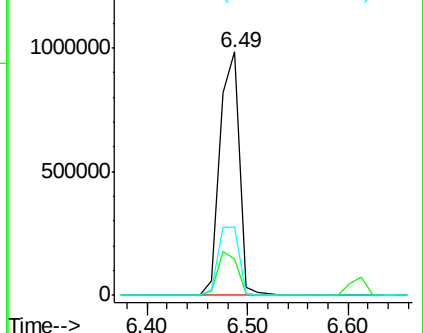
71 28.0 27.5 41.3



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093080.D

Acq: 22 Feb 2017 17:29

Tgt Ion: 136 Resp: 618180

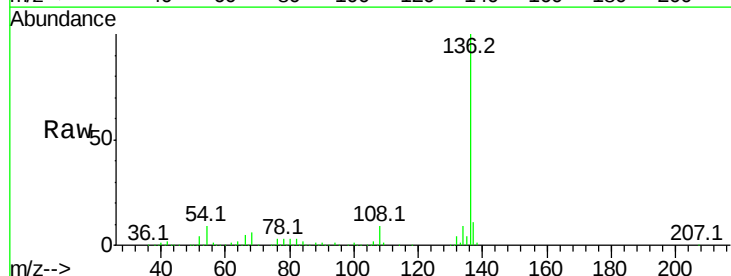
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.2 4.5 6.7#

68 6.5 3.6 5.4#

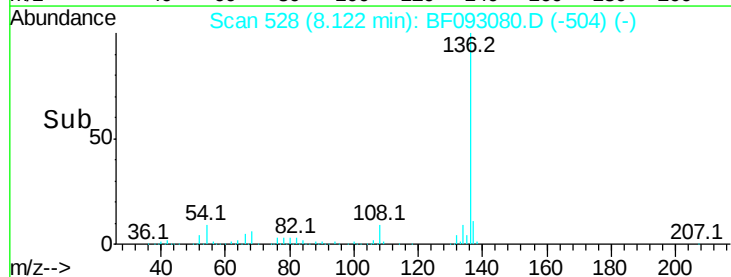
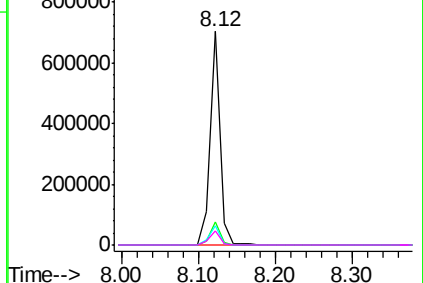


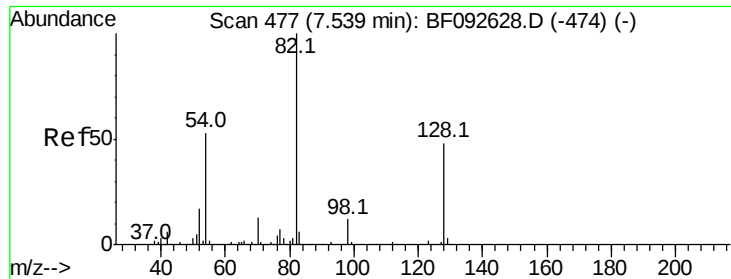
Abundance Ion 136.00 (135.70 to 136.70): E

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

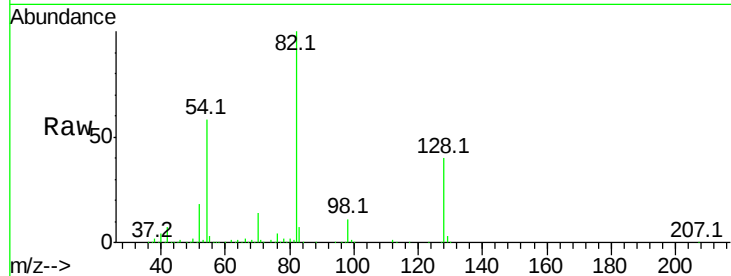




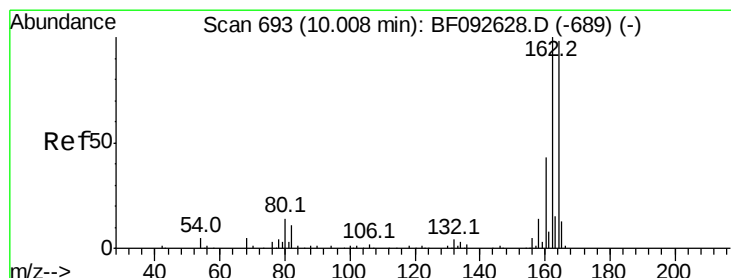
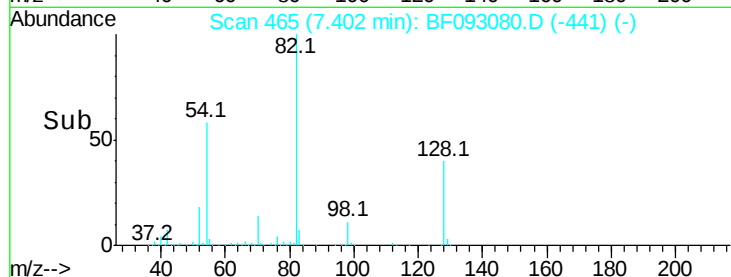
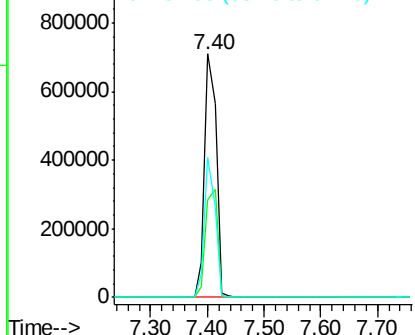
#23
 Nitrobenzene-d5
 Concen: 87.08 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093080.D
 Acq: 22 Feb 2017 17:29

Instrument :
 BNA_F
 ClientSampled :
 B1-1

Tot Ion: 82 Resp: 966654
 Ion Ratio Lower Upper
 82 100
 128 40.1 34.6 52.0
 54 57.5 39.5 59.3

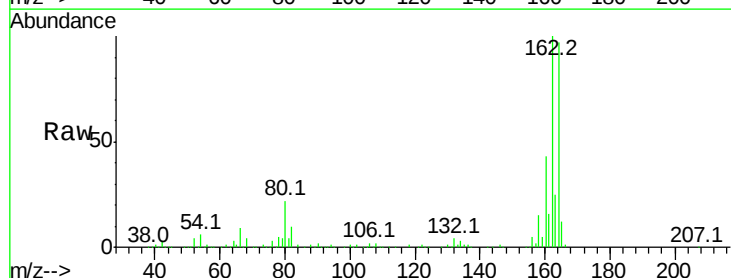


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

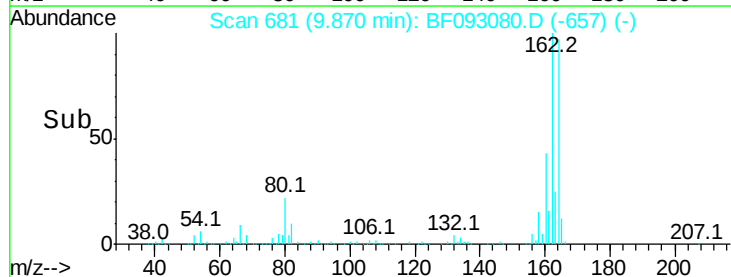
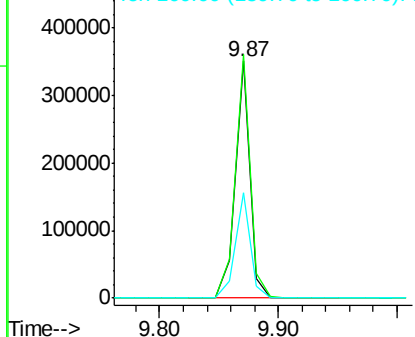


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093080.D
 Acq: 22 Feb 2017 17:29

Tgt Ion:164 Resp: 300660
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.2 120.2
 160 44.7 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

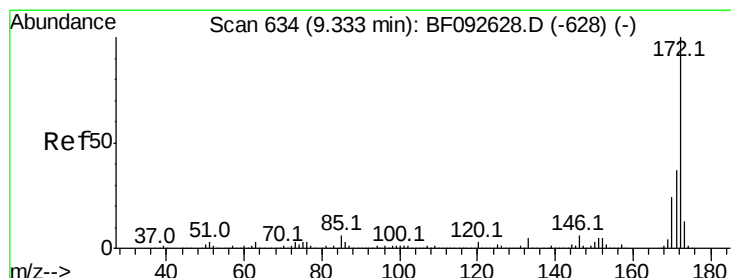
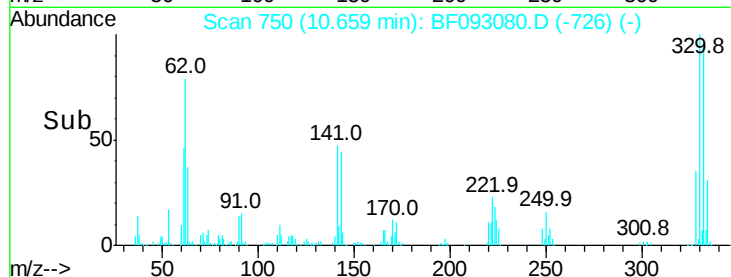
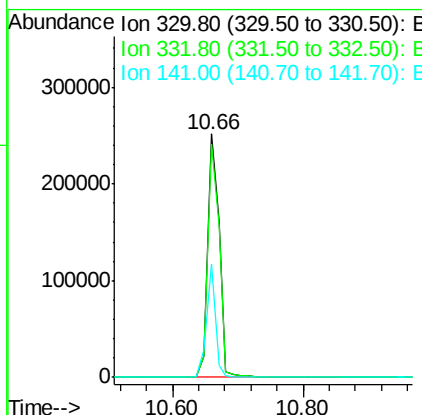
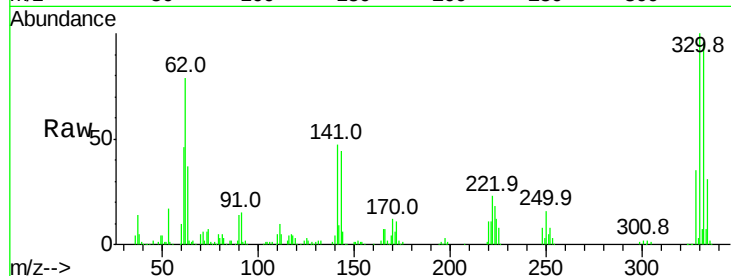




#41
 2,4,6-Tribromophenol
 Concen: 142.54 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093080.D
 Acq: 22 Feb 2017 17:29

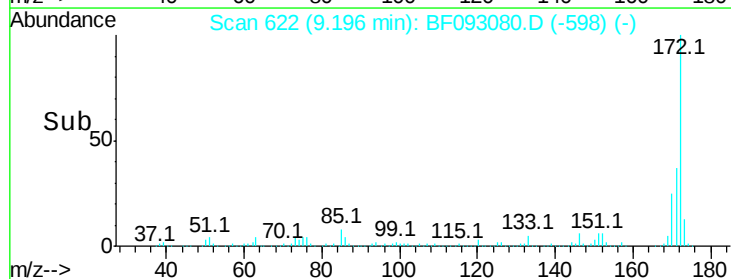
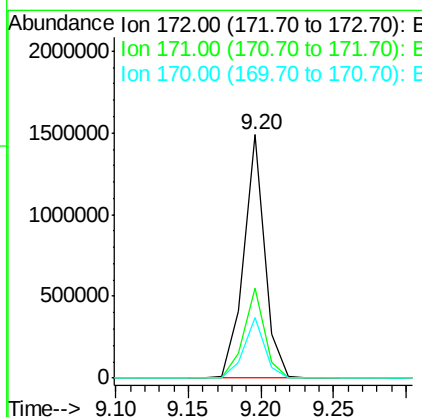
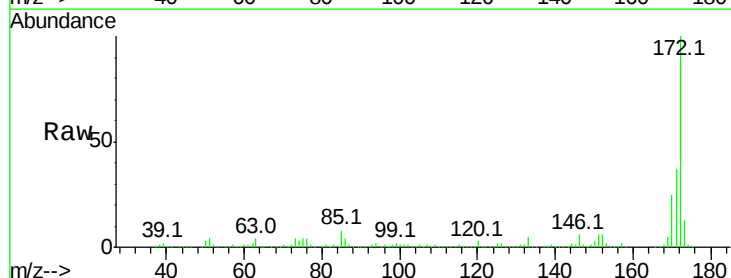
Instrument :
 BNA_F
 ClientSampleId :
 B1-1

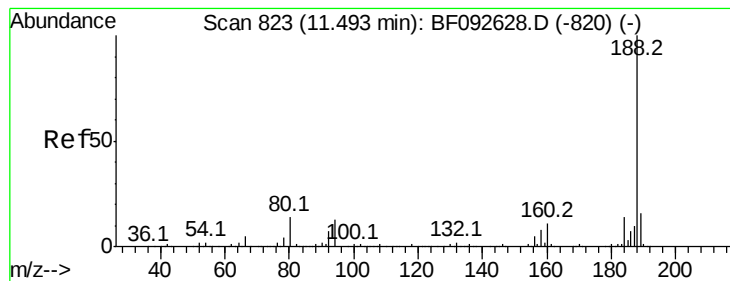
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	36.1	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 90.90 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093080.D
 Acq: 22 Feb 2017 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.7	20.2	30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093080.D

Acq: 22 Feb 2017 17:29

Instrument :

BNA_F

ClientSampleId :

B1-1

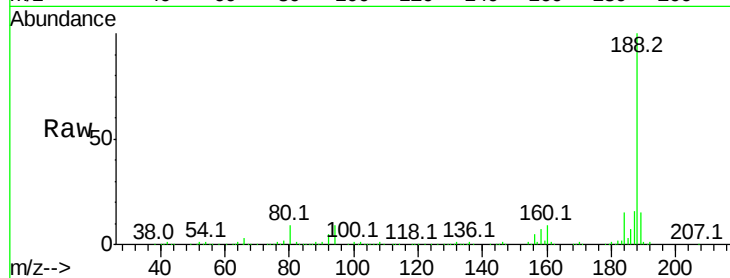
Tot Ion:188 Resp: 549410

Ion Ratio Lower Upper

188 100

94 8.5 10.0 15.0#

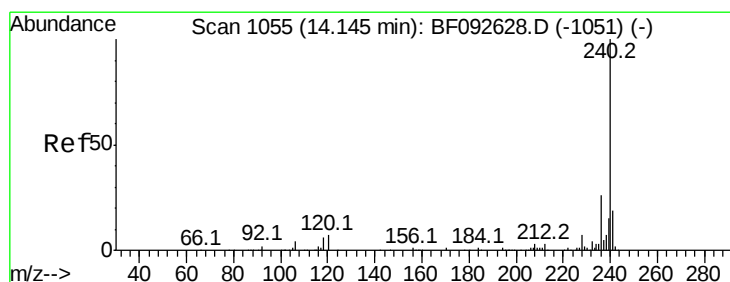
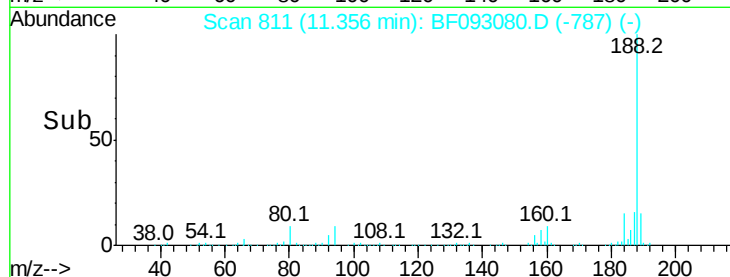
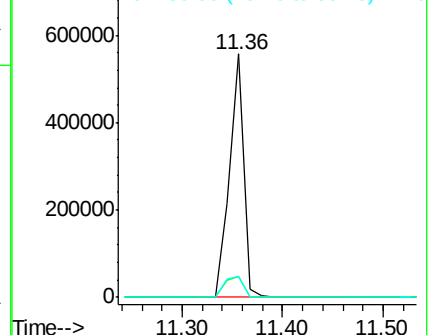
80 8.5 11.2 16.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093080.D

Acq: 22 Feb 2017 17:29

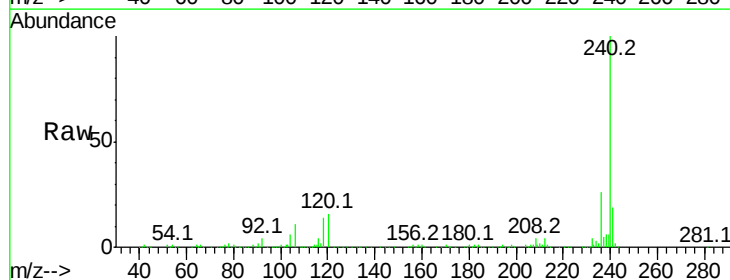
Tgt Ion:240 Resp: 443578

Ion Ratio Lower Upper

240 100

120 15.9 12.9 19.3

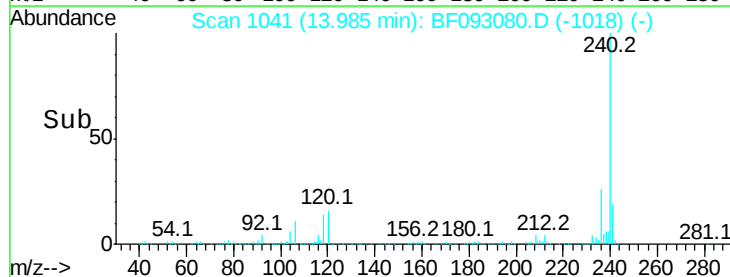
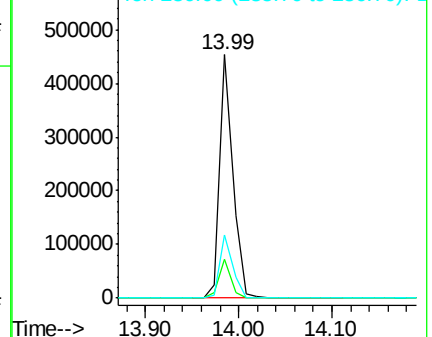
236 26.1 20.9 31.3

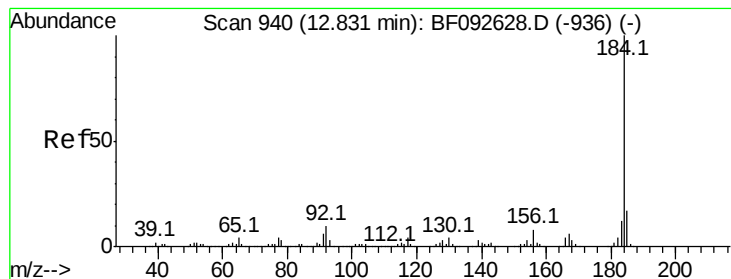


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 91.05 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093080.D

Acq: 22 Feb 2017 17:29

Instrument :

BNA_F

ClientSampleId :

B1-1

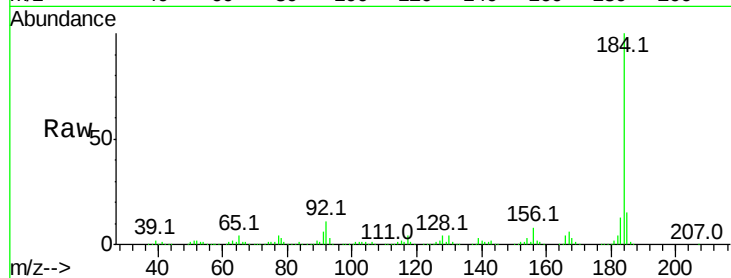
Tot Ion:184 Resp: 1721113

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

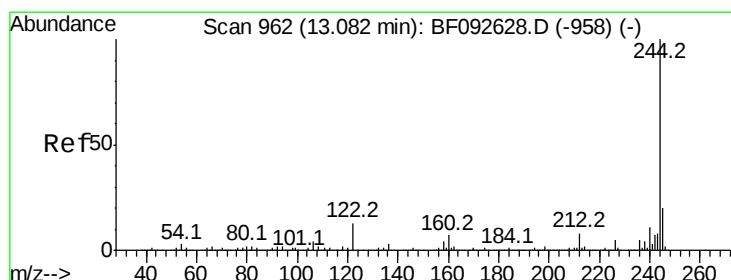
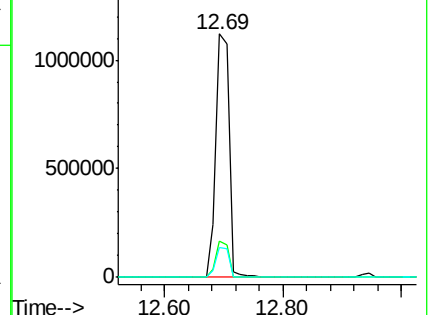
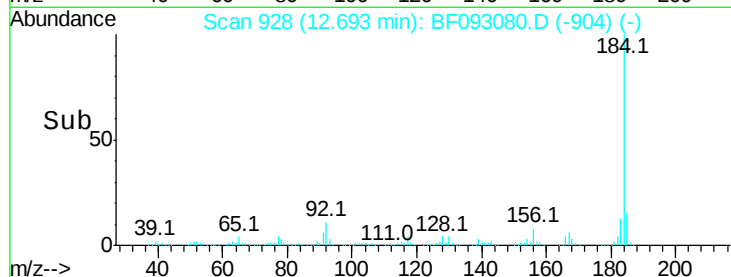
183 12.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 84.19 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093080.D

Acq: 22 Feb 2017 17:29

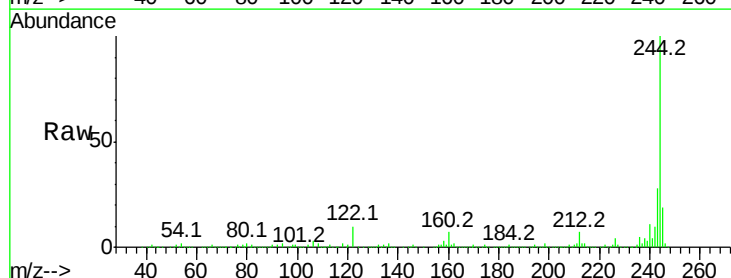
Tgt Ion:244 Resp: 1589457

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

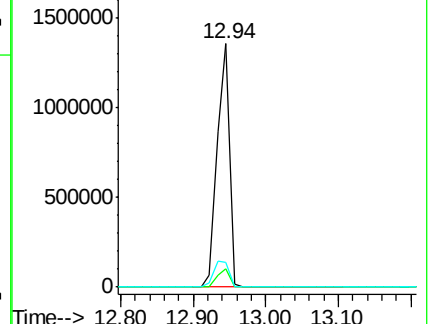
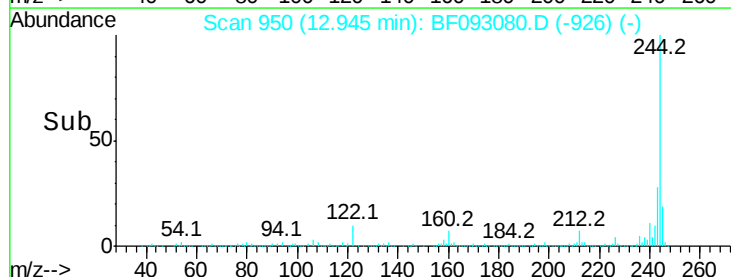
122 10.1 11.4 17.2#

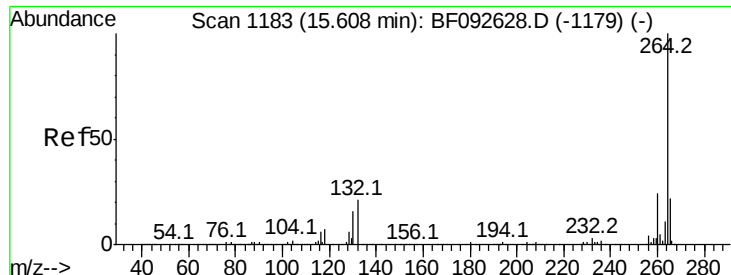


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093080.D
Acq: 22 Feb 2017 17:29

Instrument :
BNA_F
ClientSampleId :
B1-1

Tot Ion:264 Resp: 322687

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.4	26.0

