

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094298.D
 Acq On : 8 Apr 2017 4:22
 Operator : SJ/MA
 Sample : I2593-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-10A

Quant Time: Apr 08 04:53:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

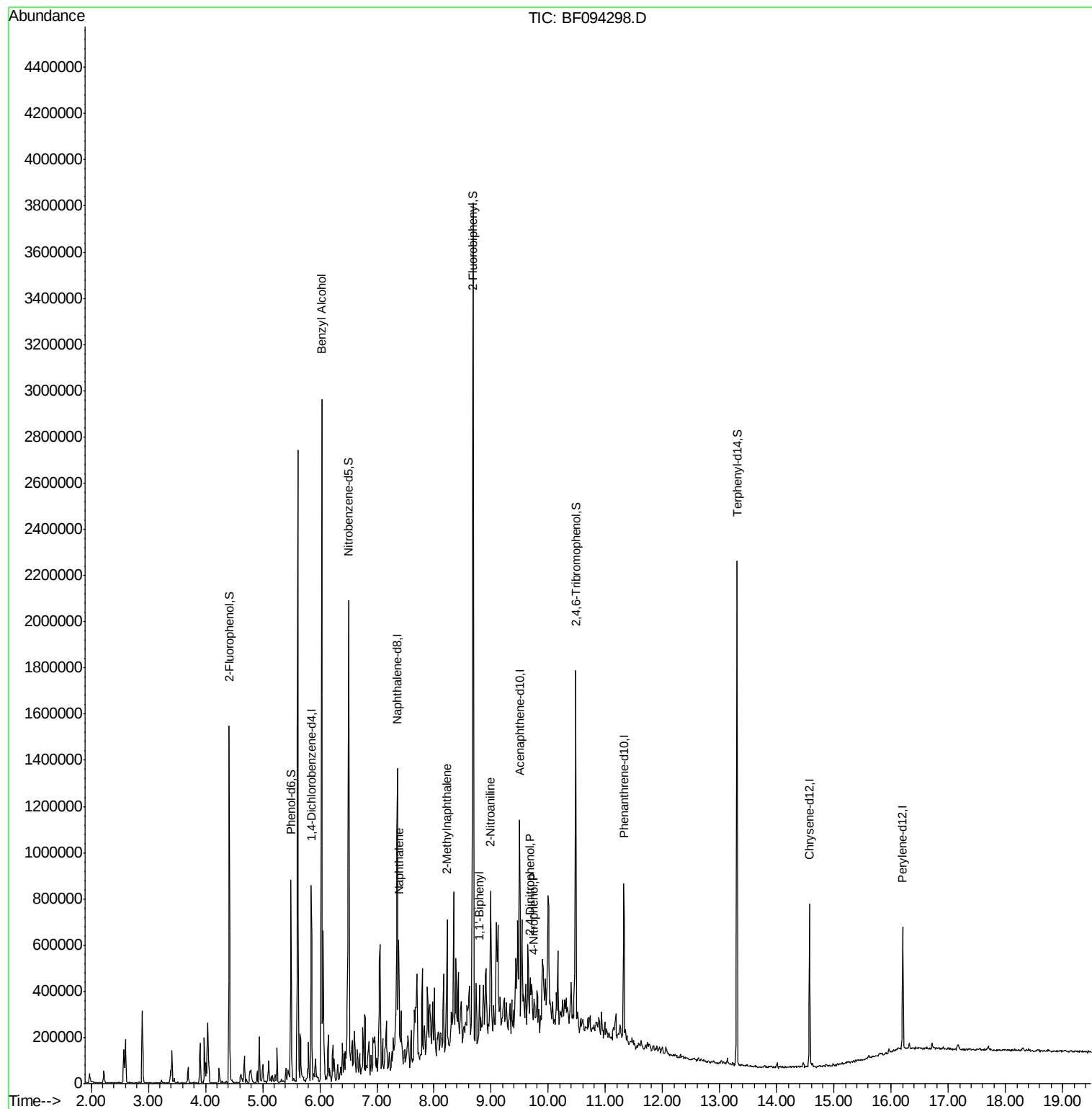
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	129836	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	471666	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	182836	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	262355	20.00	ng	0.00
75) Chrysene-d12	14.57	240	260831	20.00	ng	0.00
86) Perylene-d12	16.20	264	212717	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	459591	59.79	ng	0.03
7) Phenol-d6	5.49	99	335344	35.26	ng	0.03
23) Nitrobenzene-d5	6.50	82	794702	96.15	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	199437	138.04	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1330026	110.95	ng	0.00
78) Terphenyl-d14	13.30	244	787003	67.63	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	6.03	79	14848	2.13	ng	# 43
31) Naphthalene	7.38	128	222941	9.83	ng	99
37) 2-Methylnaphthalene	8.23	142	161744	10.70	ng	95
45) 1,1'-Biphenyl	8.80	154	56856	3.86	ng	97
47) 2-Nitroaniline	8.99	65	10447	3.05	ng	# 36
53) 2,4-Dinitrophenol	9.69	184	279	4.83	ng	# 1
55) 4-Nitrophenol	9.75	139	7572	2.76	ng	88

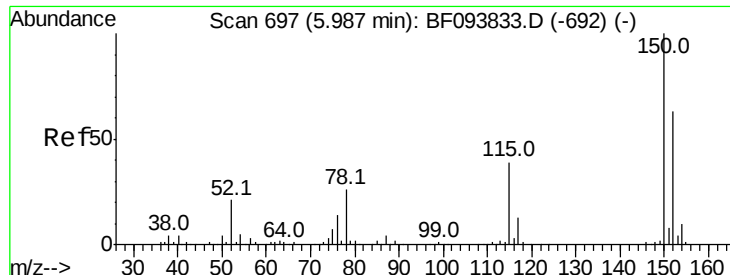
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

Instrument :

BNA_F

ClientSampleId :

TW-10A

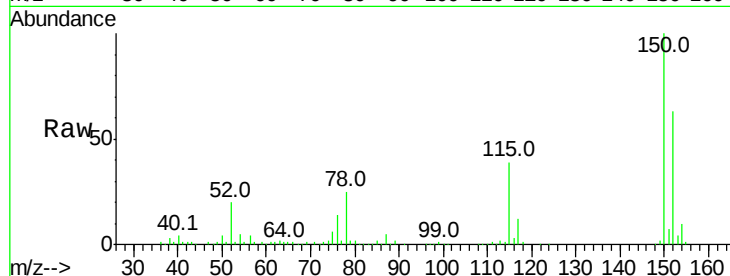
Tot Ion:152 Resp: 129836

Ion Ratio Lower Upper

152 100

150 158.0 126.2 189.2

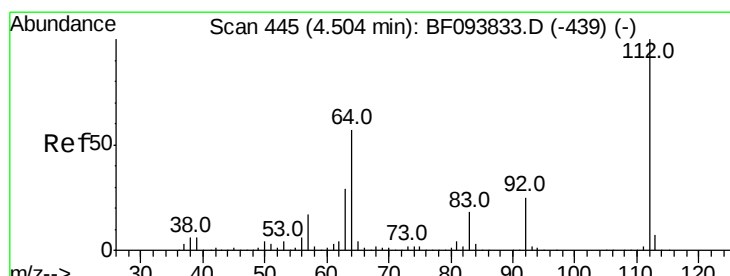
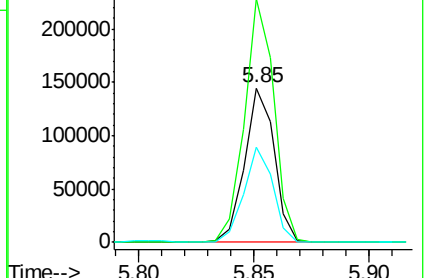
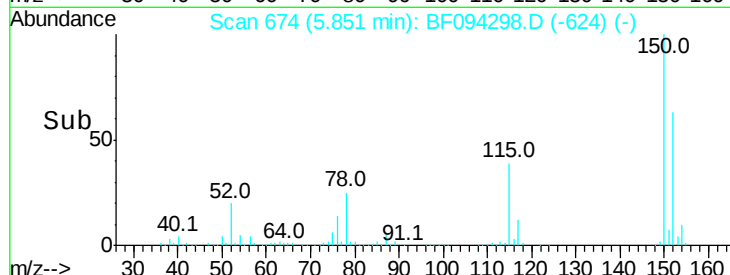
115 62.0 52.2 78.2



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: 59.79 ng

RT: 4.42 min Scan# 430

Delta R.T. 0.03 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

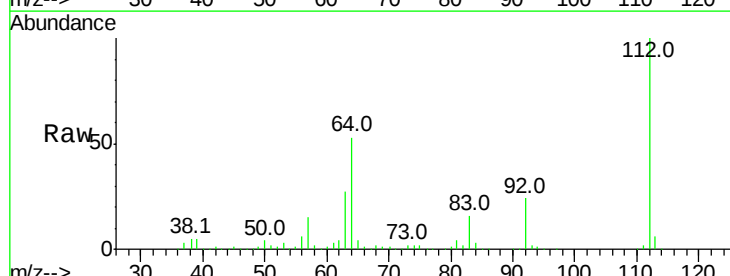
Tgt Ion:112 Resp: 459591

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

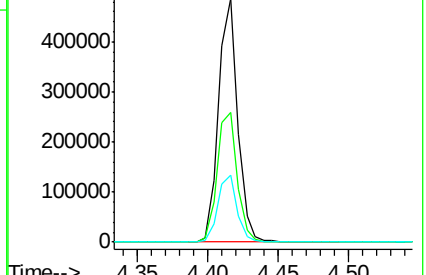
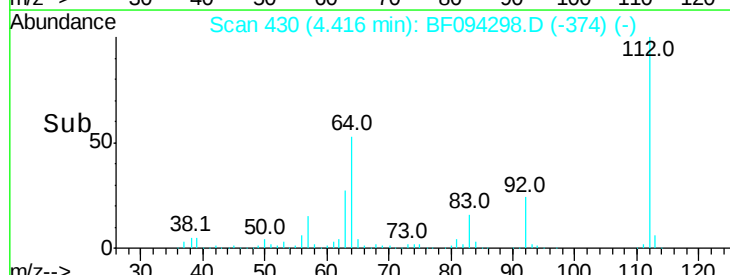
63 27.5 23.4 35.0

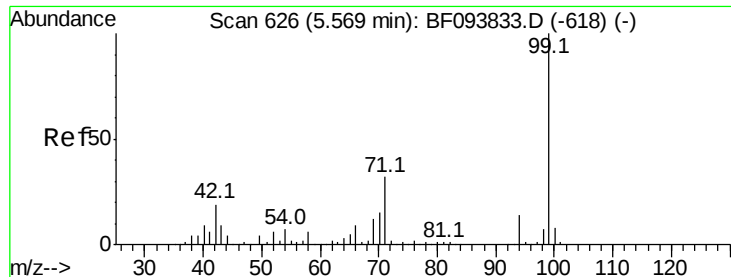


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.26 ng

RT: 5.49 min Scan# 613

Delta R.T. 0.03 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

Instrument :

BNA_F

ClientSampled :

TW-10A

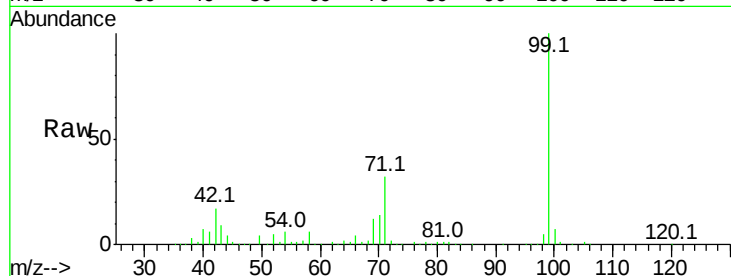
Tot Ion: 99 Resp: 335344

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

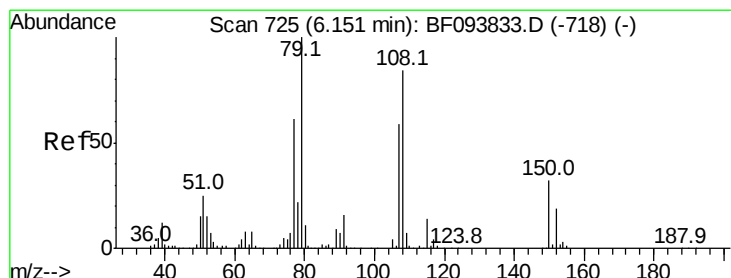
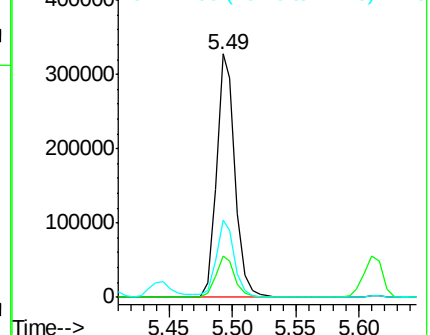
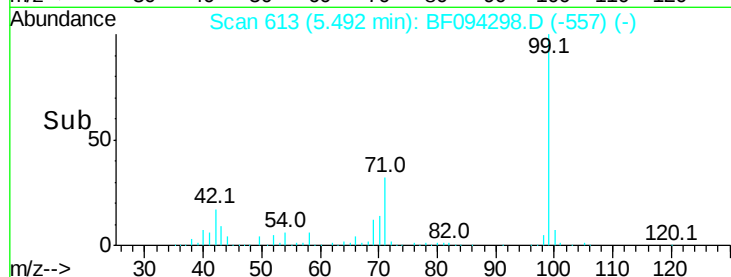
71 32.0 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

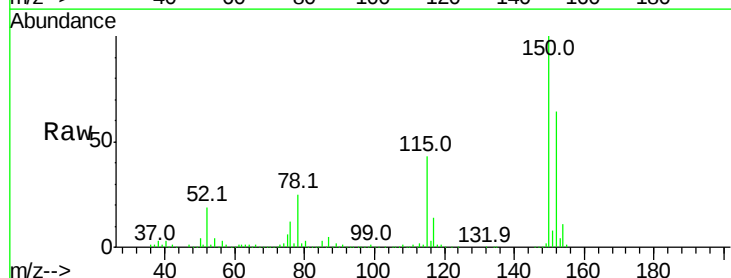
Tgt Ion: 79 Resp: 14848

Ion Ratio Lower Upper

79 100

108 30.3 63.4 95.0#

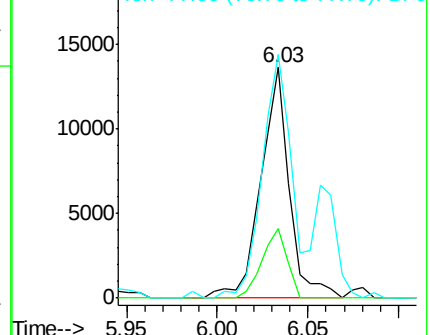
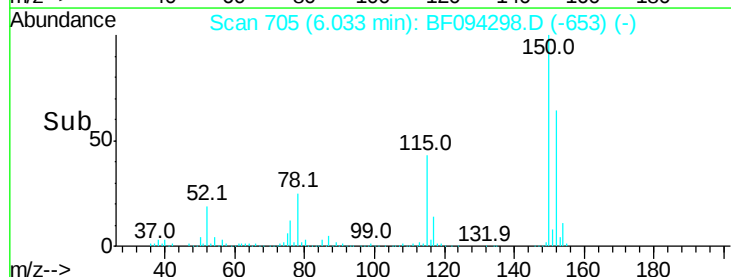
77 105.7 49.2 73.8#

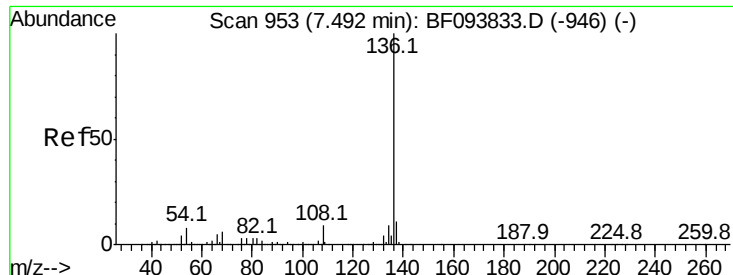


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

Instrument :

BNA_F

ClientSampleId :

TW-10A

Tot Ion:136 Resp: 471666

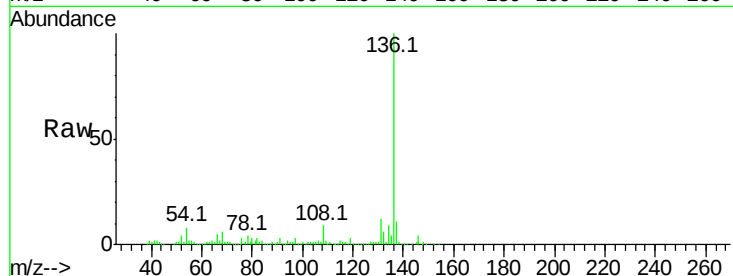
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.8 4.9 7.3#

68 6.2 4.1 6.1#

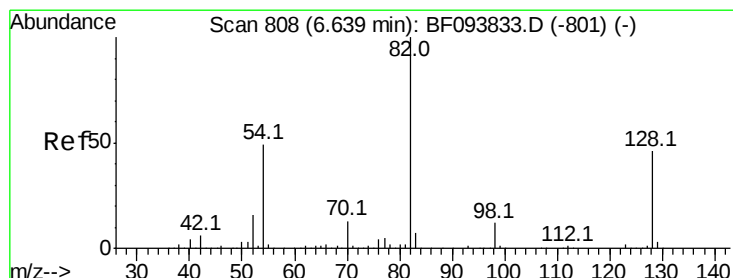
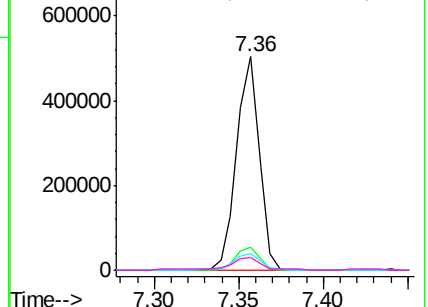
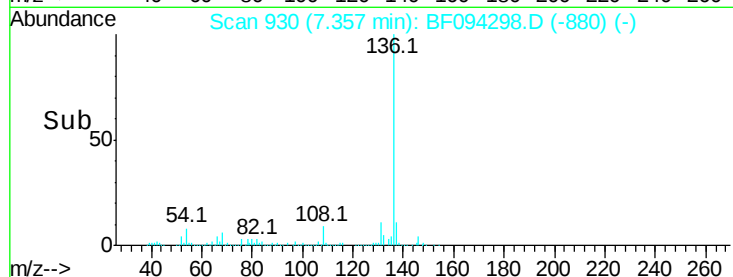


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.15 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

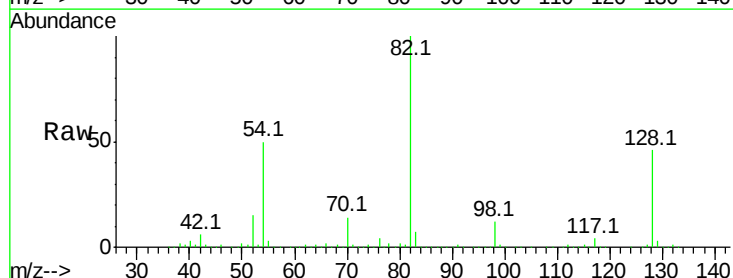
Tgt Ion: 82 Resp: 794702

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

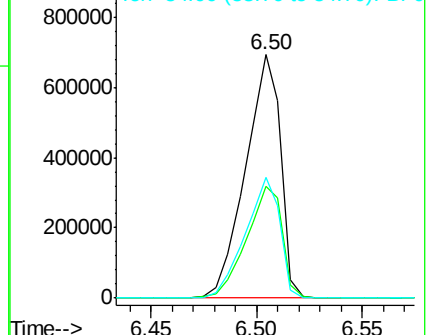
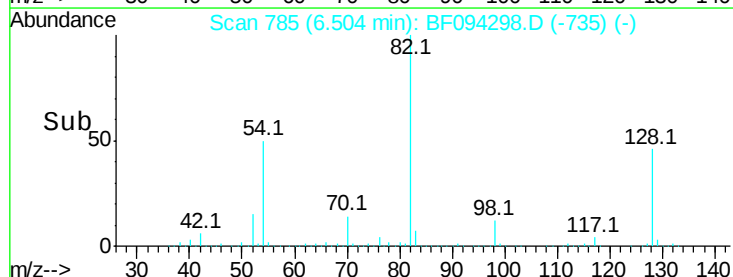
54 49.7 42.2 63.2

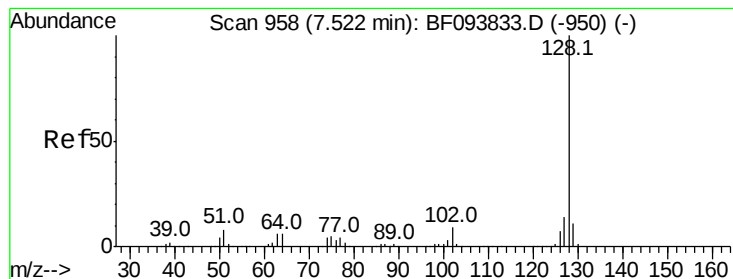


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 9.83 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

Instrument :

BNA_F

ClientSampleId :

TW-10A

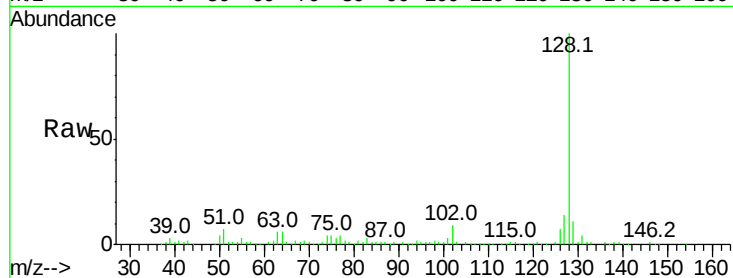
Tot Ion:128 Resp: 222941

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

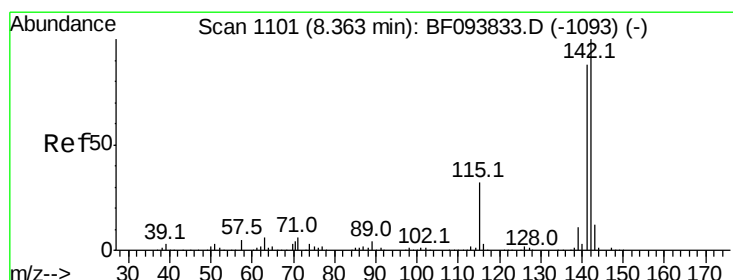
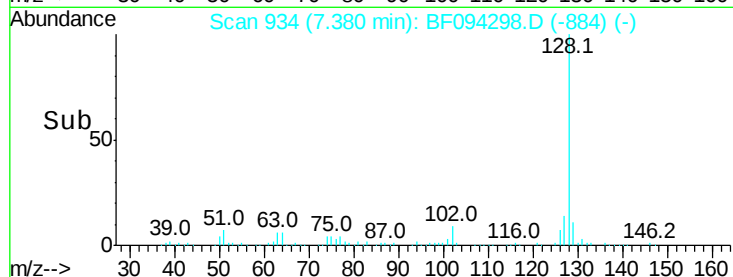
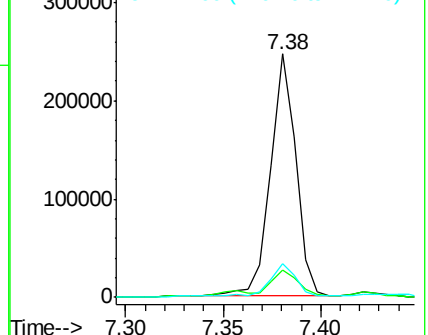
127 13.7 10.8 16.2



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



#37

2-Methylnaphthalene

Concen: 10.70 ng

RT: 8.23 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

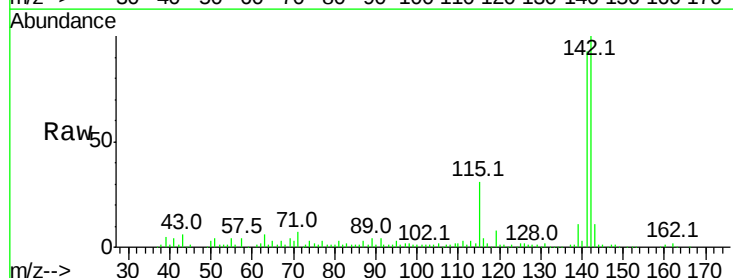
Tgt Ion:142 Resp: 161744

Ion Ratio Lower Upper

142 100

141 93.5 71.3 106.9

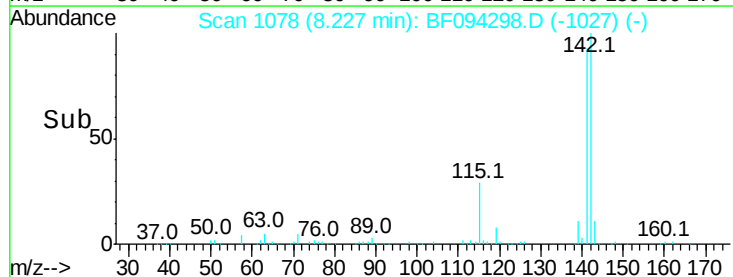
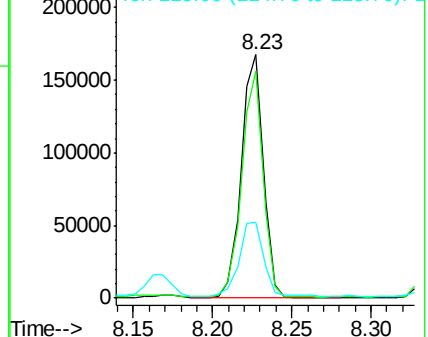
115 31.0 27.1 40.7

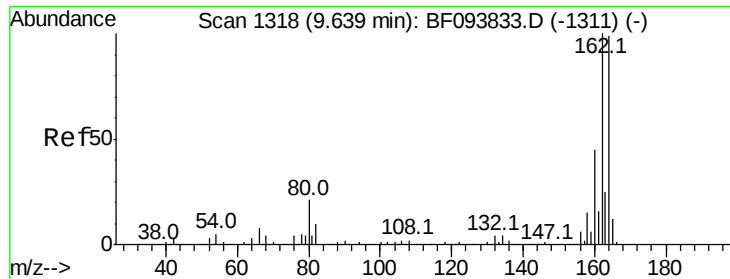


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

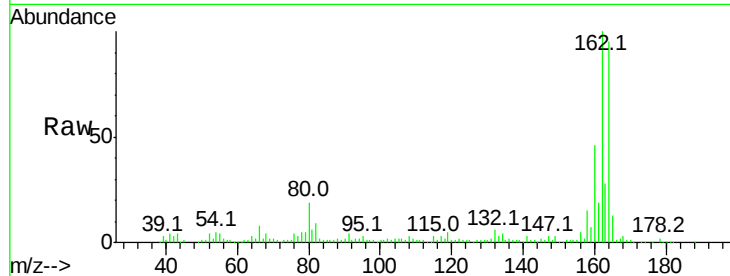




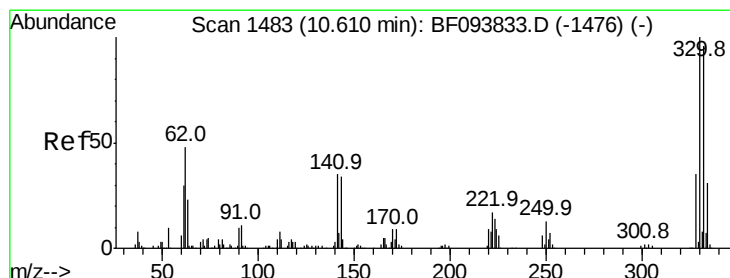
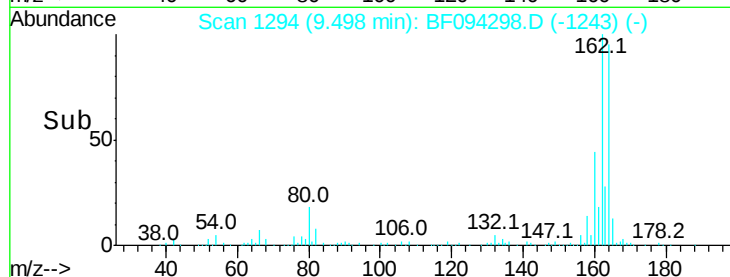
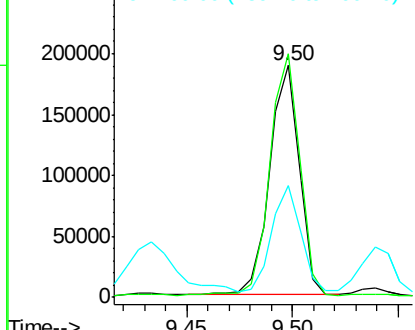
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094298.D
 Acq: 8 Apr 2017 4:22

Instrument :
 BNA_F
 ClientSampleId :
 TW-10A

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	48.0	36.2	54.2

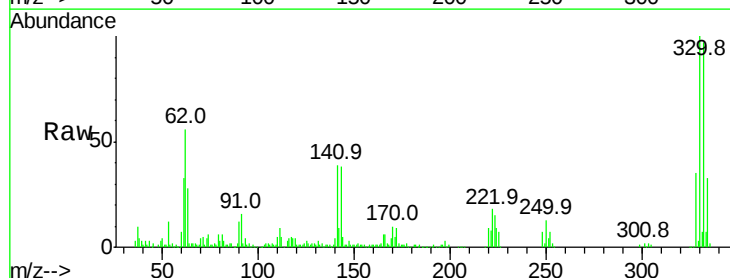


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

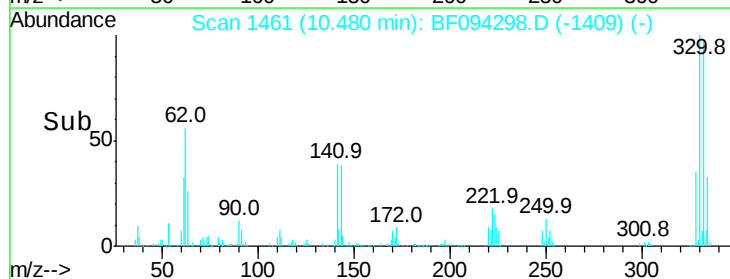
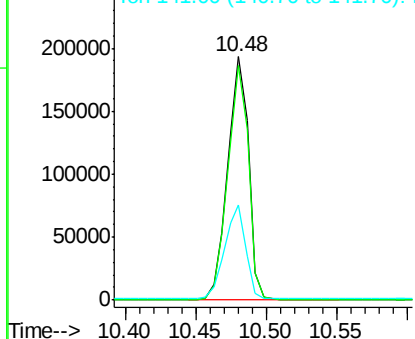


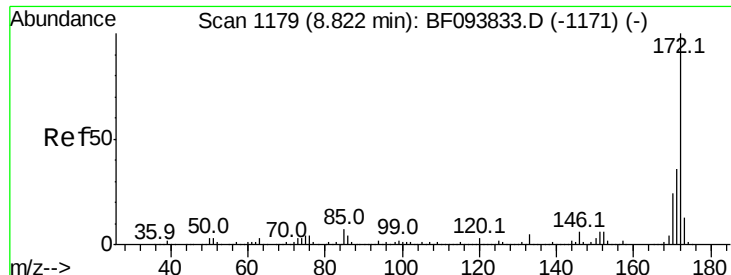
#41
 2,4,6-Tribromophenol
 Concen: 138.04 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF094298.D
 Acq: 8 Apr 2017 4:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	39.1	31.4	47.2



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



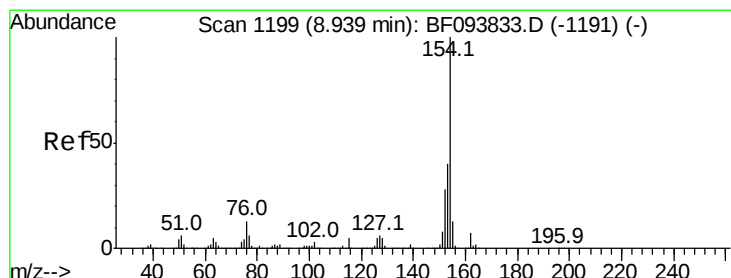
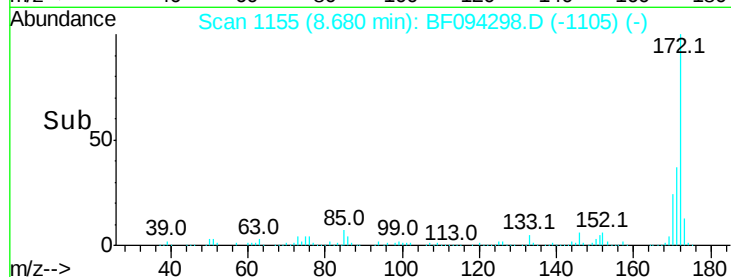
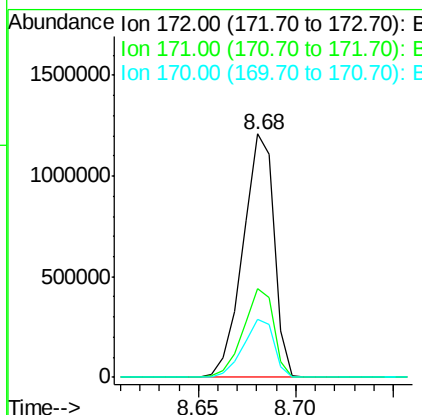
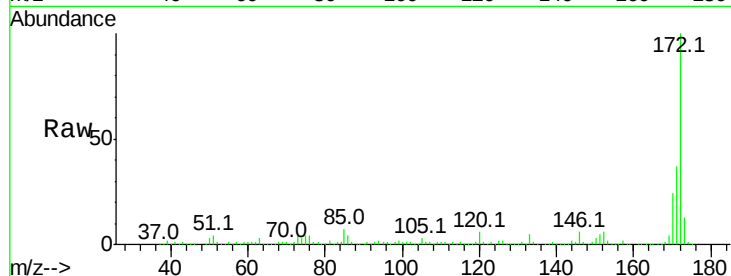


#44
 2-Fluorobiphenyl
 Concen: 110.95 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094298.D
 Acq: 8 Apr 2017 4:22

Instrument :
 BNA_F
 ClientSampleId :
 TW-10A

Tot Ion:172 Resp: 1330026

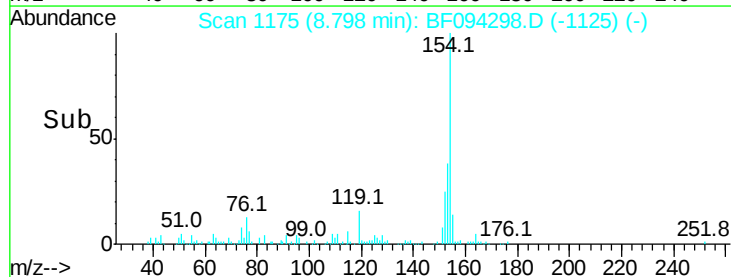
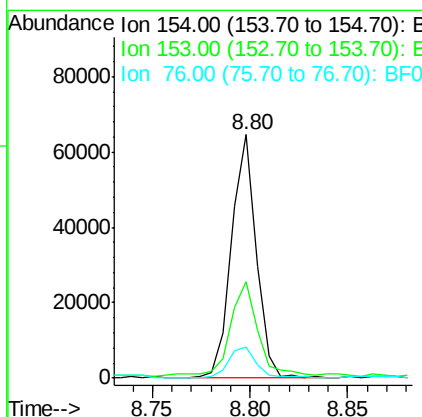
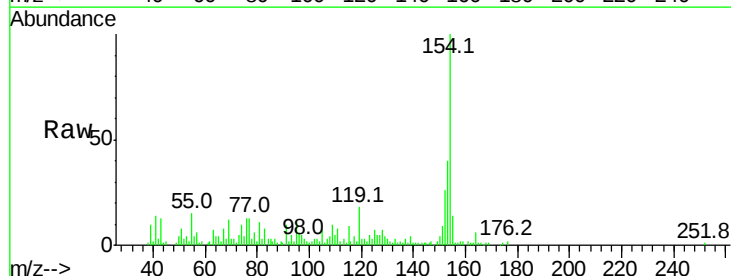
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.9	19.8	29.8

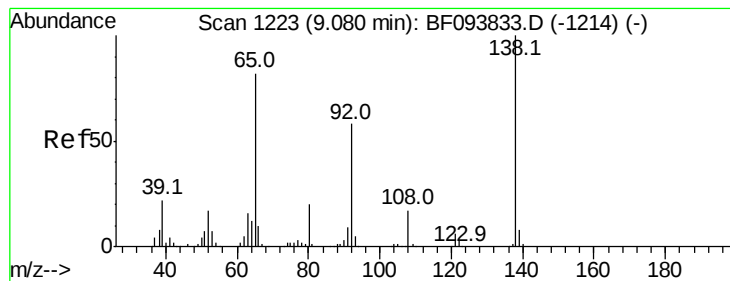


#45
 1,1'-Biphenyl
 Concen: 3.86 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094298.D
 Acq: 8 Apr 2017 4:22

Tgt Ion:154 Resp: 56856

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.2	61.2
76	13.0	0.0	29.9





#47

2-Nitroaniline

Concen: 3.05 ng

RT: 8.99 min Scan# 1208

Delta R.T. 0.04 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

Instrument :

BNA_F

ClientSampled :

TW-10A

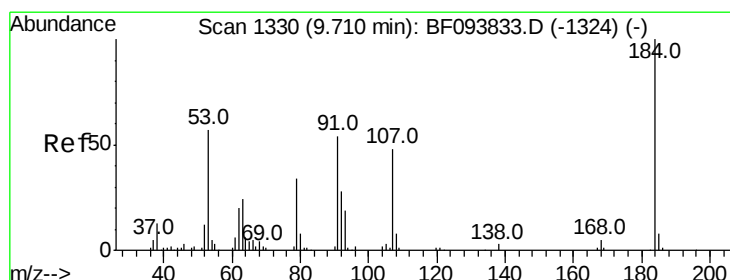
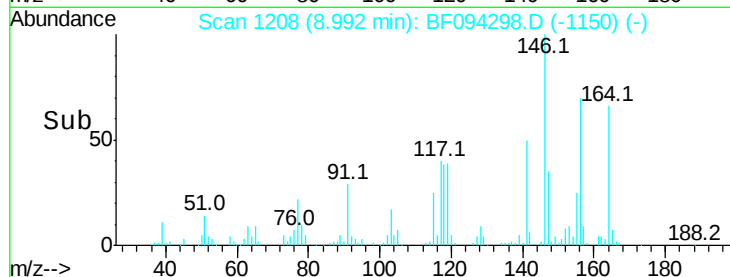
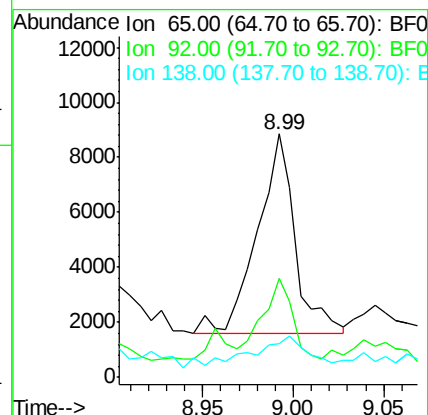
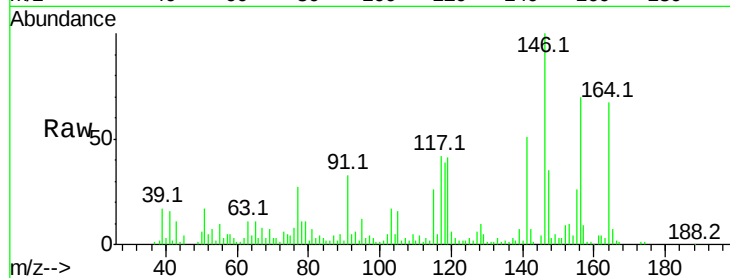
Tot Ion: 65 Resp: 10447

Ion Ratio Lower Upper

65 100

92 40.5 53.9 80.9#

138 14.0 78.8 118.2#



#53

2,4-Dinitrophenol

Concen: 4.83 ng

RT: 9.69 min Scan# 1327

Delta R.T. 0.10 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

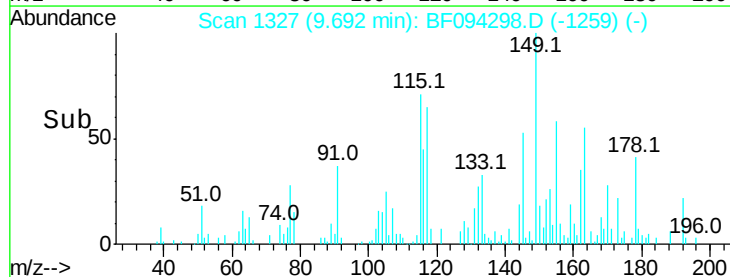
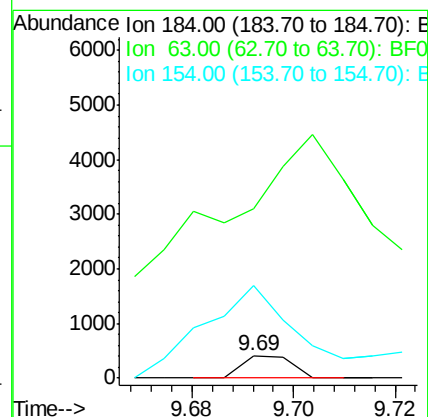
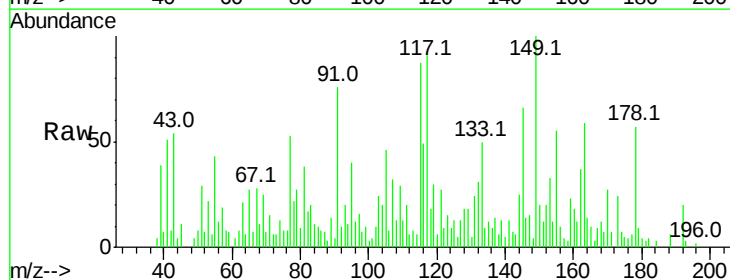
Tgt Ion: 184 Resp: 279

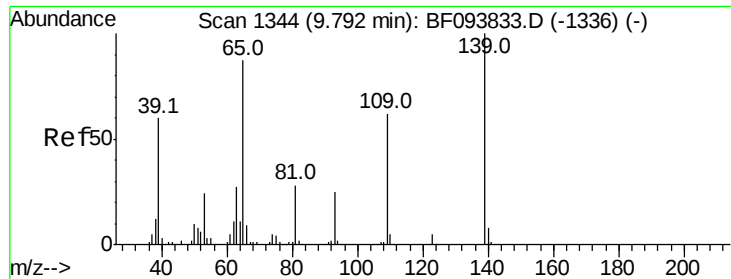
Ion Ratio Lower Upper

184 100

63 745.6 62.7 94.1#

154 405.0 81.1 121.7#

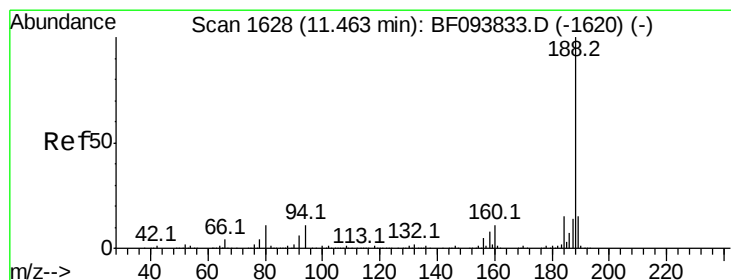
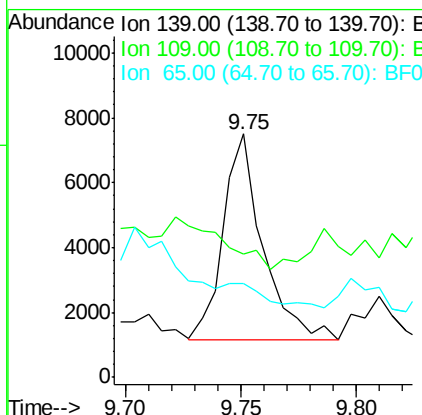
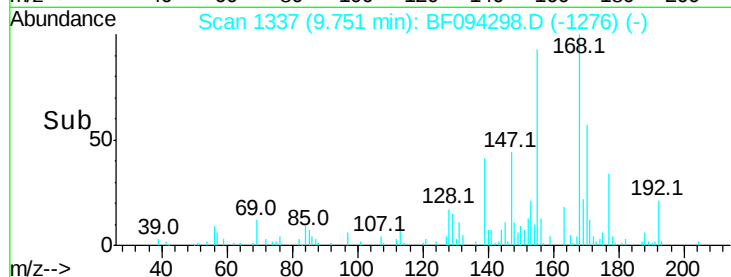
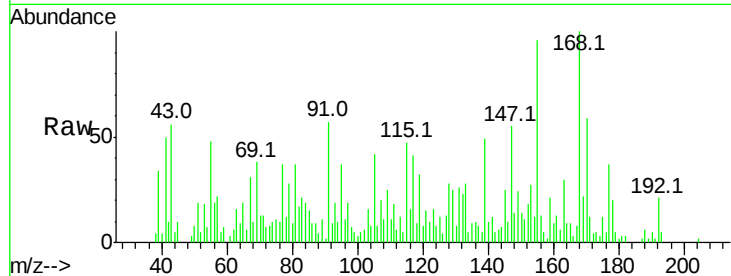




#55
4-Nitrophenol
Concen: 2.76 ng
RT: 9.75 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF094298.D
Acq: 8 Apr 2017 4:22

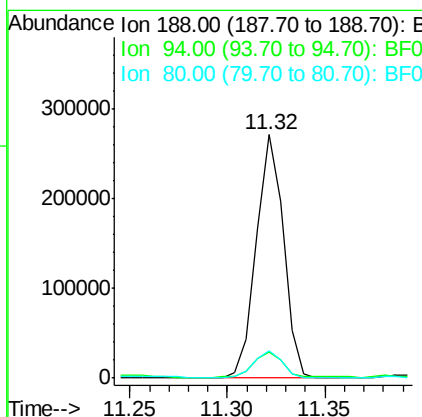
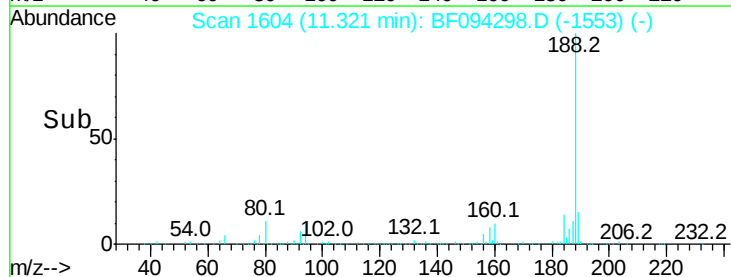
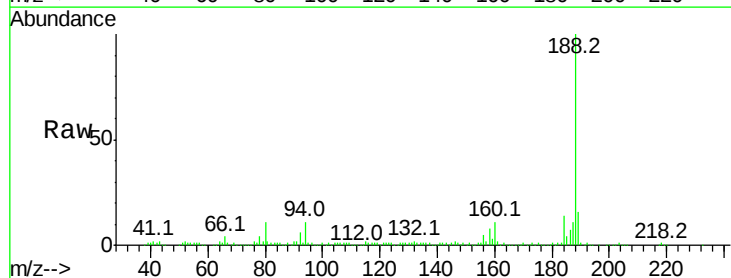
Instrument :
BNA_F
ClientSampleId :
TW-10A

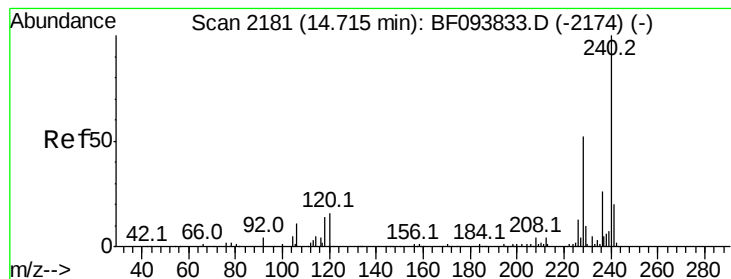
Tot Ion:139 Resp: 7572
Ion Ratio Lower Upper
139 100
109 50.5 34.1 74.1
65 38.4 31.4 71.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094298.D
Acq: 8 Apr 2017 4:22

Tgt Ion:188 Resp: 262355
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.4 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

Instrument :

BNA_F

ClientSampleId :

TW-10A

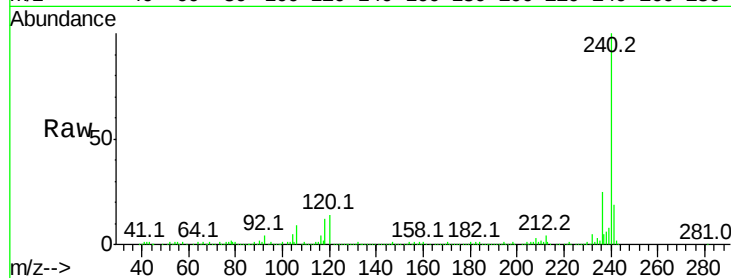
Tot Ion:240 Resp: 260831

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

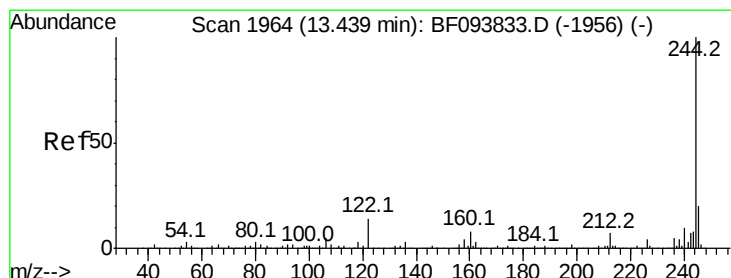
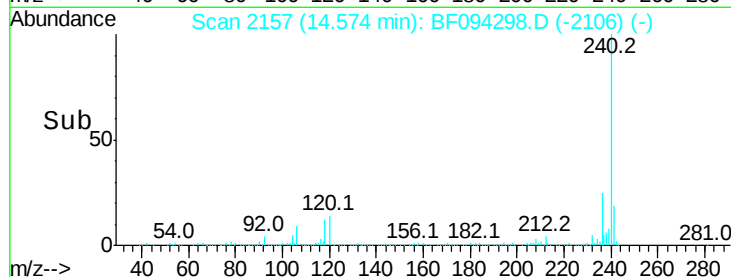
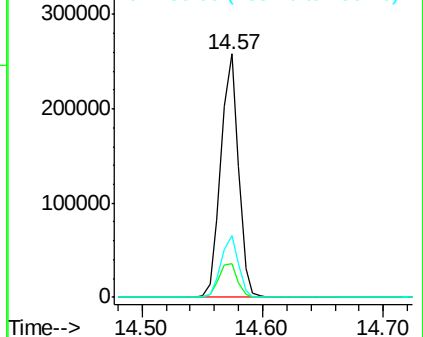
236 25.2 20.5 30.7



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: 67.63 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094298.D

Acq: 8 Apr 2017 4:22

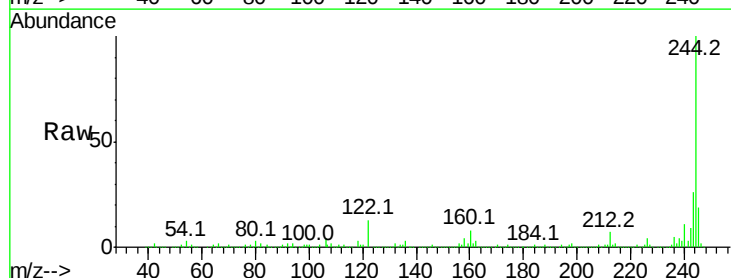
Tgt Ion:244 Resp: 787003

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

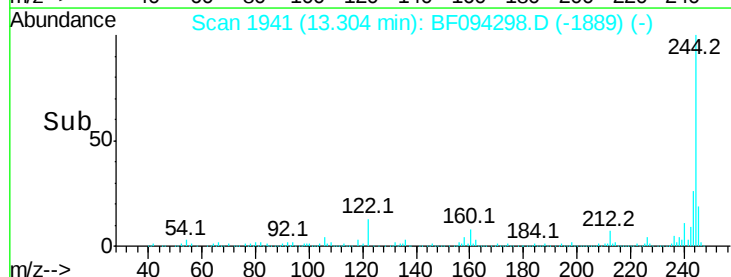
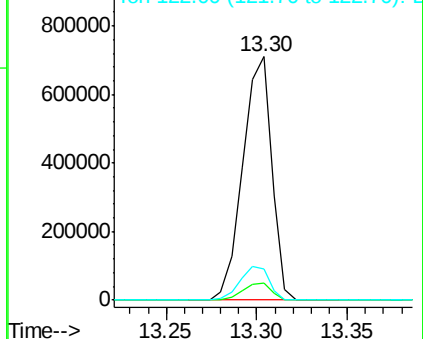
122 12.9 10.3 15.5

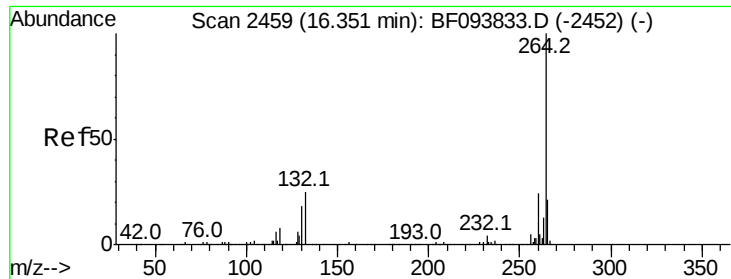


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF094298.D
Acq: 8 Apr 2017 4:22

Instrument :
BNA_F
ClientSampleId :
TW-10A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	19.9	17.2	25.8

