

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094379.D
 Acq On : 12 Apr 2017 6:02
 Operator : SJ/MA
 Sample : I2598-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 07:50:50 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

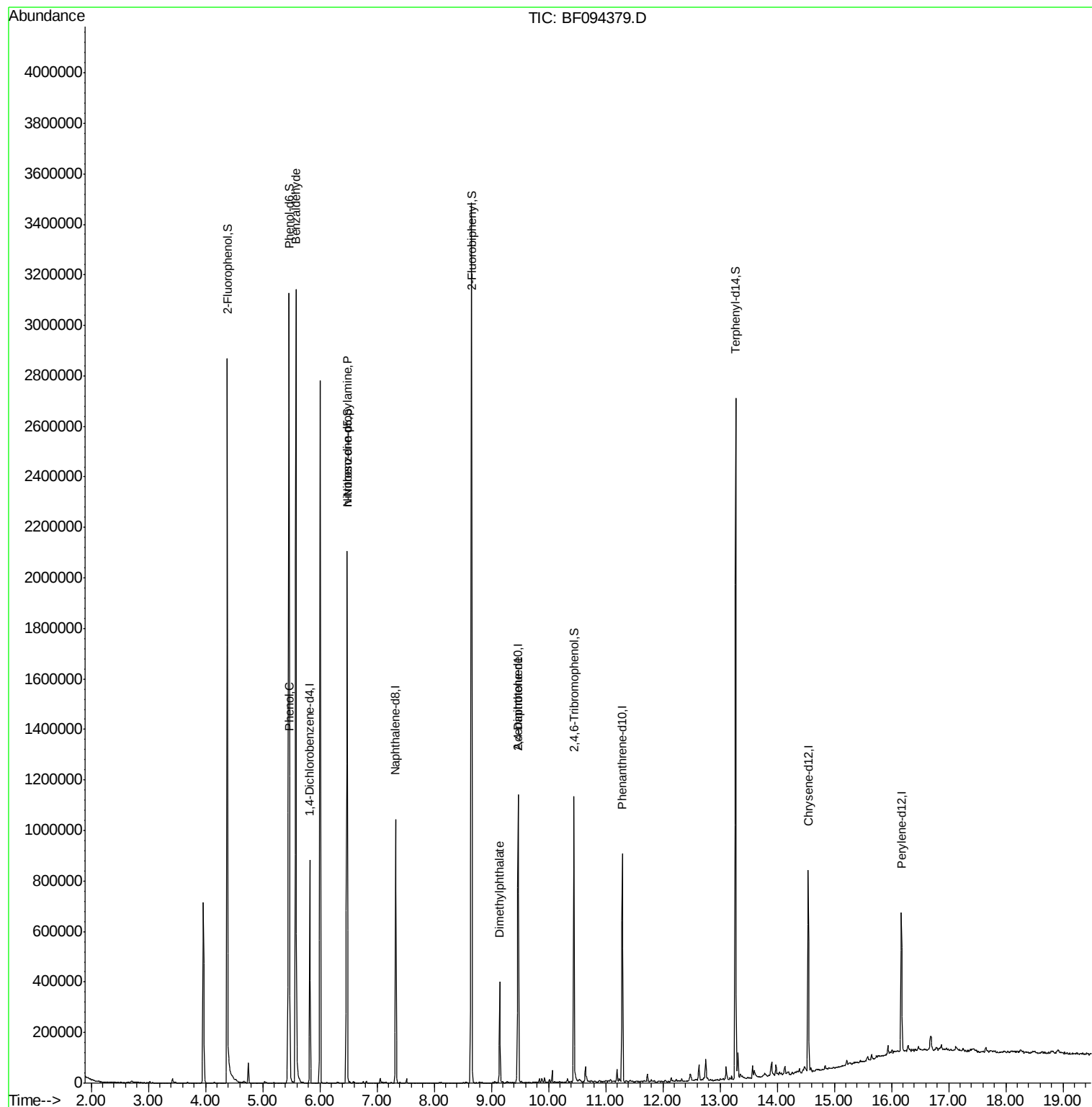
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	136722	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	523823	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	208863	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	340042	20.00	ng	-0.03
75) Chrysene-d12	14.54	240	294314	20.00	ng	-0.03
86) Perylene-d12	16.17	264	216587	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	970972	119.95	ng	0.00
7) Phenol-d6	5.46	99	1329497	132.76	ng	0.00
23) Nitrobenzene-d5	6.48	82	845038	92.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	135248	81.95	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1323884	96.68	ng	-0.03
78) Terphenyl-d14	13.27	244	963566	73.38	ng	-0.02
Target Compounds						
9) Benzaldehyde	5.58	77	21129	3.12	ng	Qvalue 88
10) Phenol	5.47	94	89597	7.86	ng	87
19) n-Nitroso-di-n-propylamine	6.48	70	112123	17.42	ng	# 77
49) Dimethylphthalate	9.15	163	181794	12.24	ng	97
56) 2,4-Dinitrotoluene	9.47	165	27218	6.37	ng	# 34

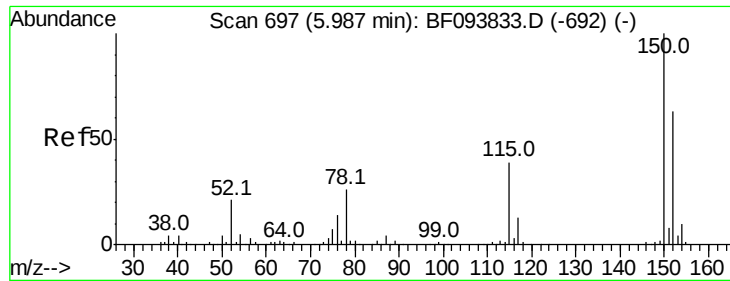
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094379.D
Acq On : 12 Apr 2017 6:02
Operator : SJ/MA
Sample : I2598-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 07:50:50 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



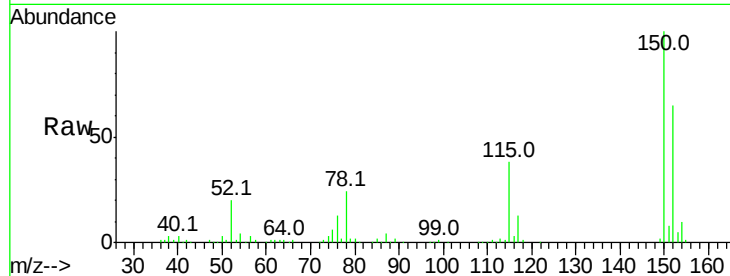


#1

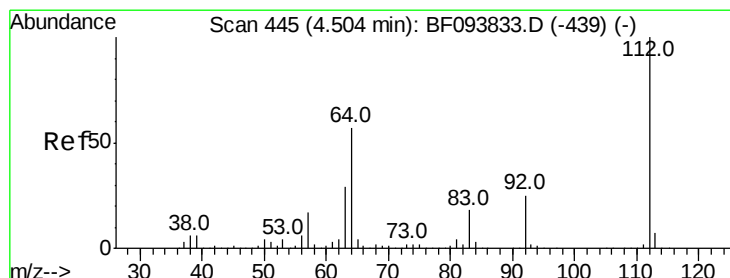
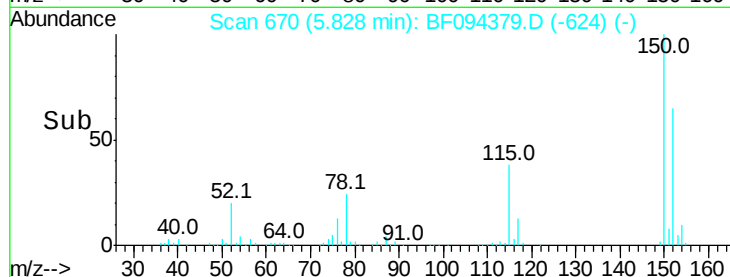
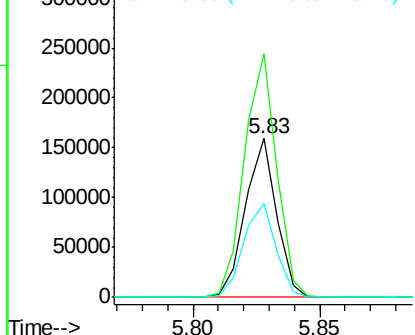
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094379.D
Acq: 12 Apr 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136722
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 58.9 52.2 78.2



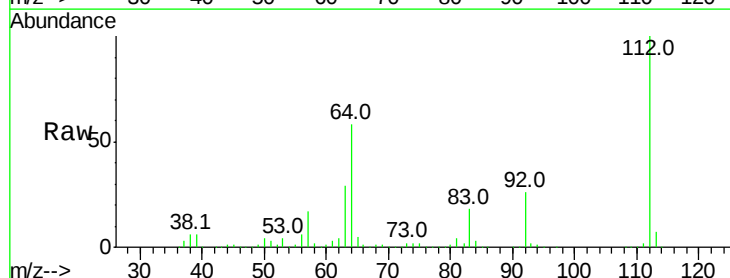
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



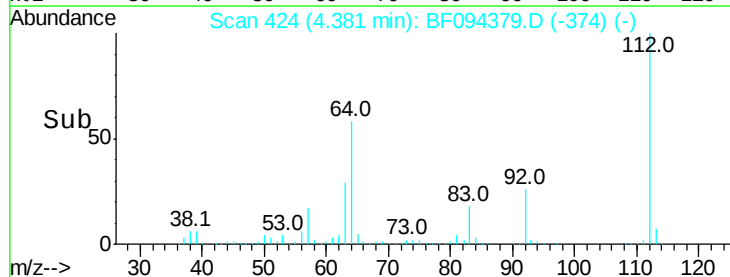
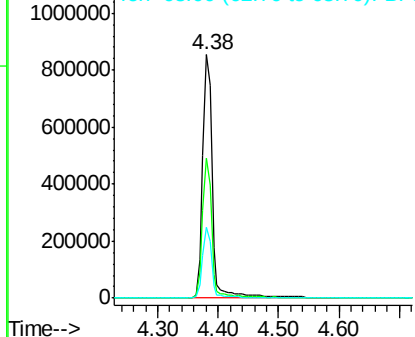
#5

2-Fluorophenol
Concen: 119.95 ng
RT: 4.38 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF094379.D
Acq: 12 Apr 2017 6:02

Tgt Ion:112 Resp: 970972
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 29.0 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: 132.76 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampled :

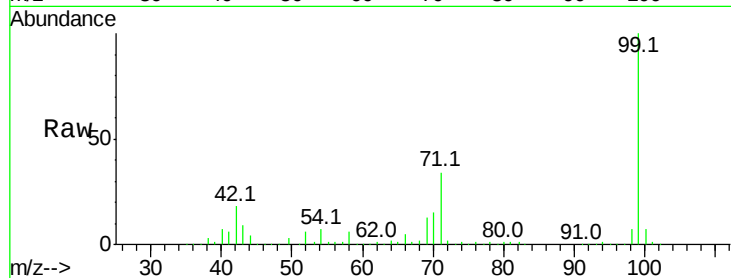
Tot Ion: 99 Resp: 1329497

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.9	24.5	36.7

99 100

42 17.5 13.5 20.3

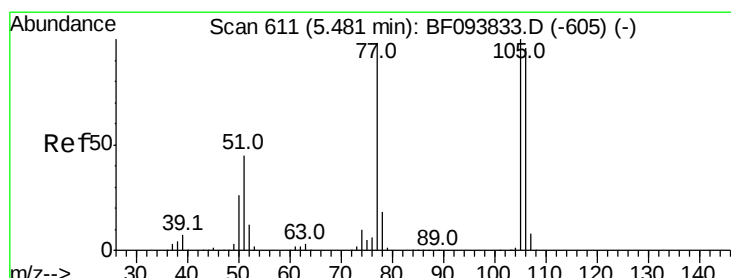
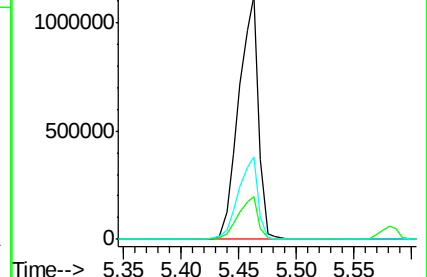
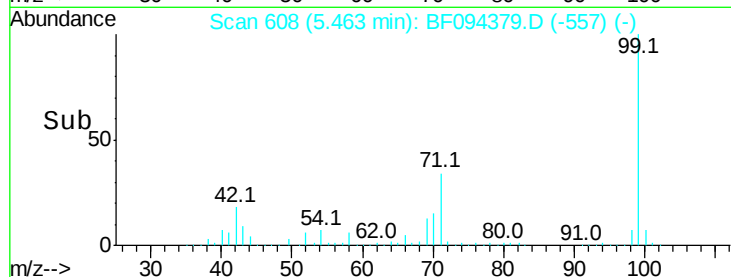
71 33.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.12 ng

RT: 5.58 min Scan# 628

Delta R.T. 0.23 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

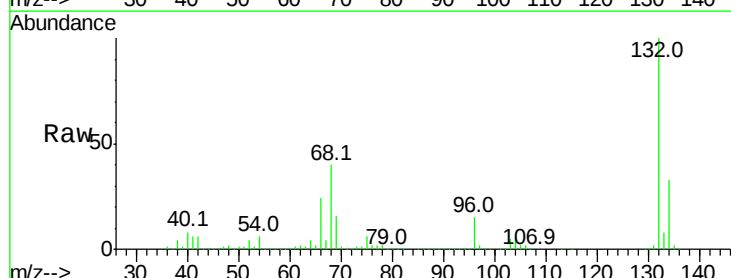
Tgt Ion: 77 Resp: 21129

Ion	Ratio	Lower	Upper
77	100		
105	90.5	83.8	123.8
106	88.9	79.1	119.1

77 100

105 90.5 83.8 123.8

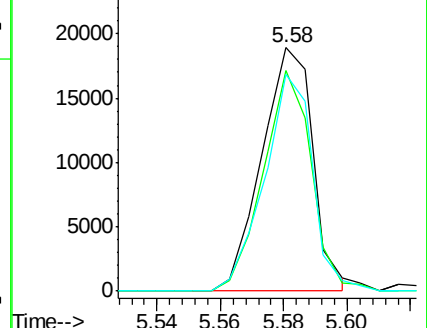
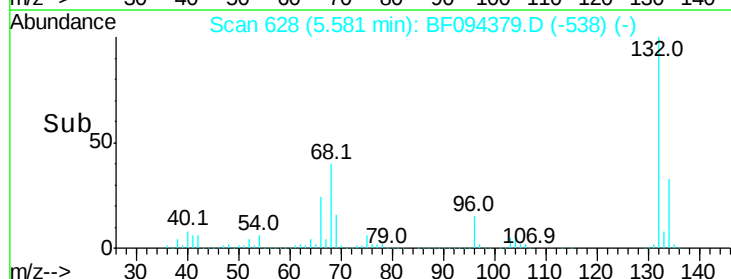
106 88.9 79.1 119.1

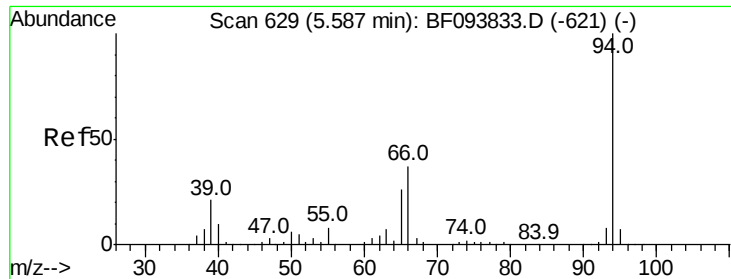


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.86 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

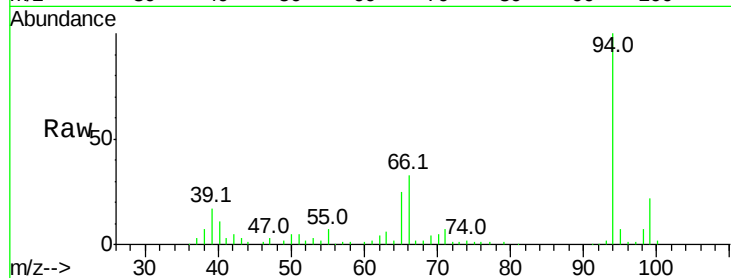
Tot Ion: 94 Resp: 89597

Ion Ratio Lower Upper

94 100

65 24.7 9.9 49.9

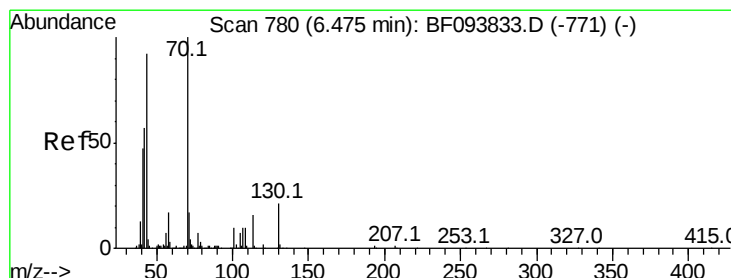
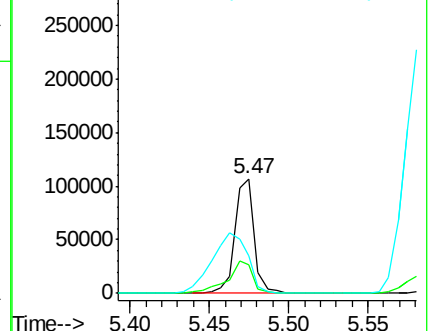
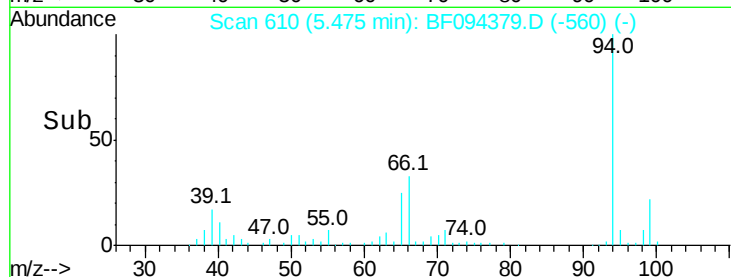
66 33.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.42 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.14 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Tgt Ion: 70 Resp: 112123

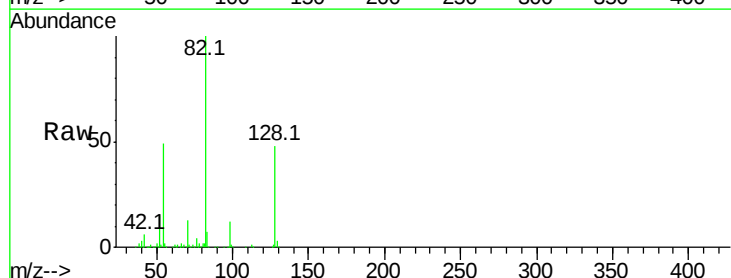
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

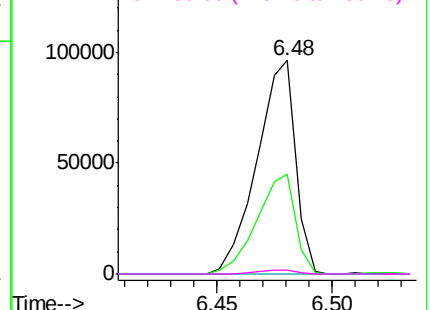
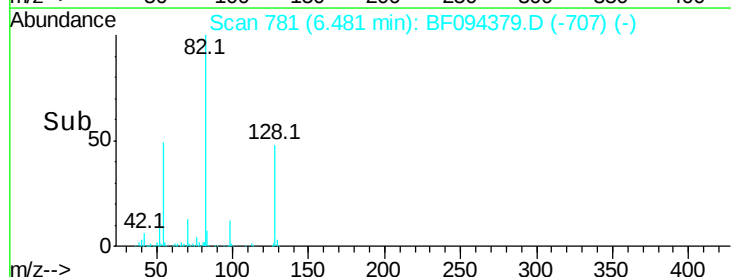


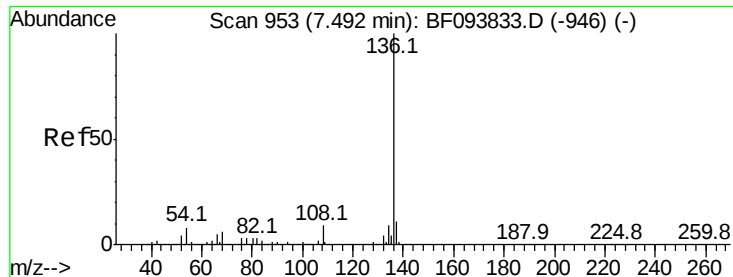
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 523823

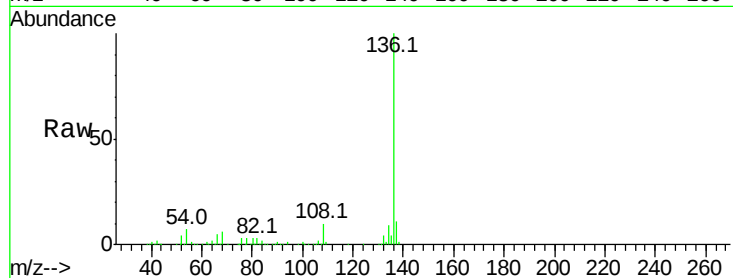
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 5.8 4.1 6.1

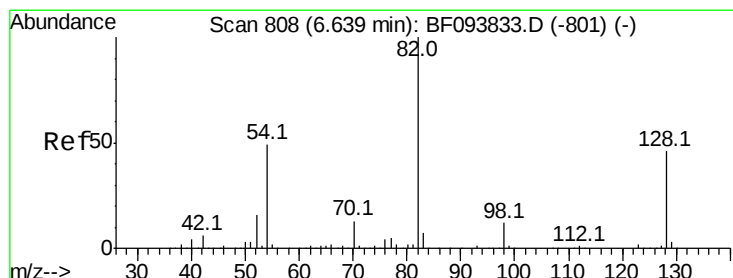
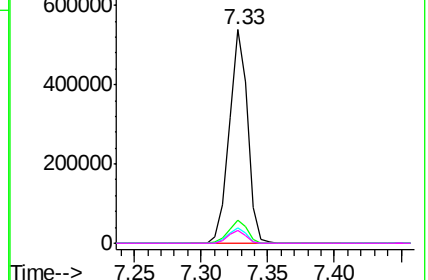
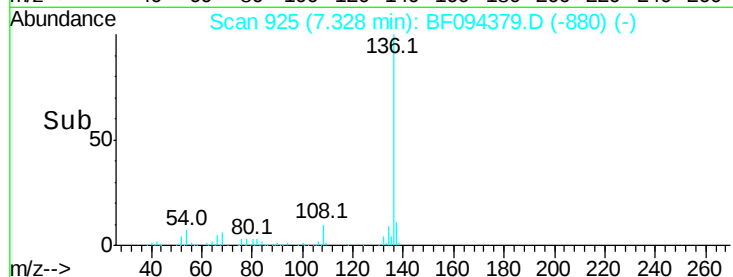


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.06 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

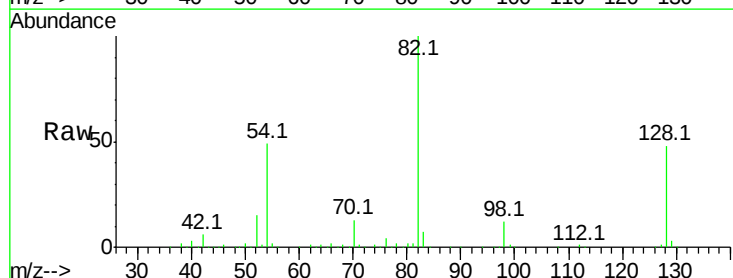
Tgt Ion: 82 Resp: 845038

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

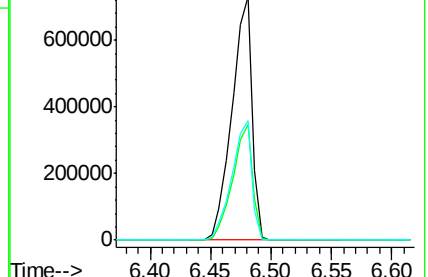
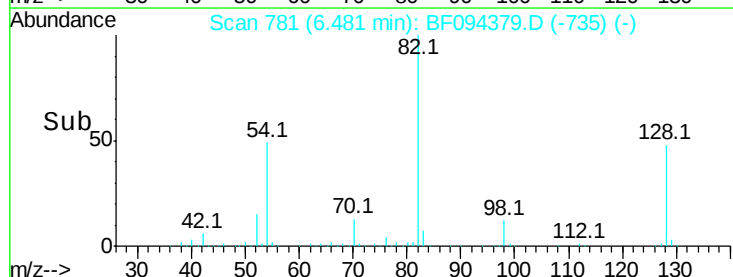
54 49.1 42.2 63.2

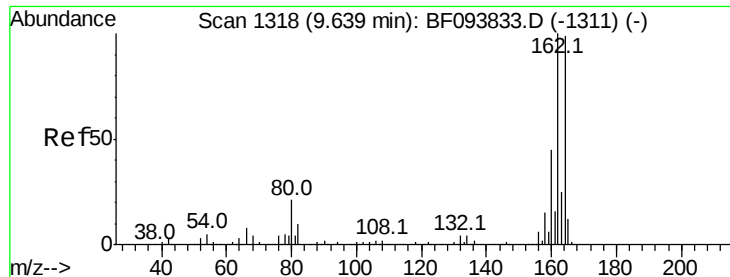


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

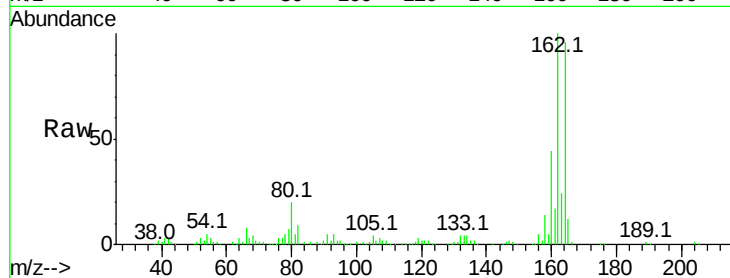




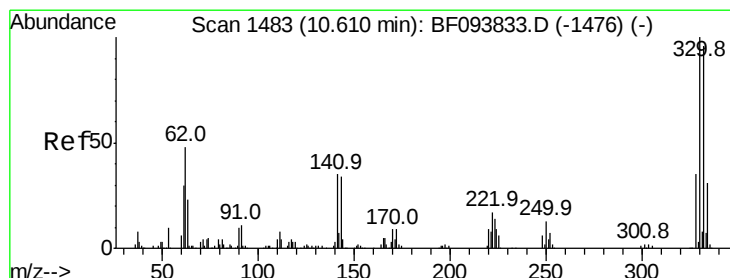
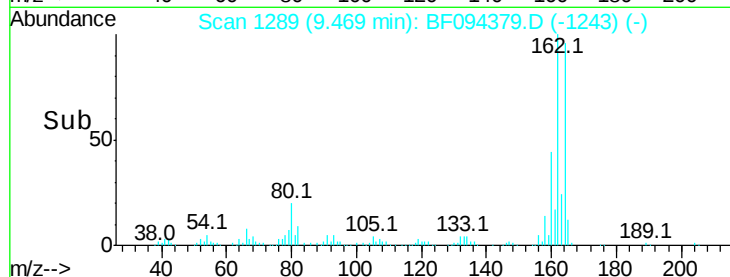
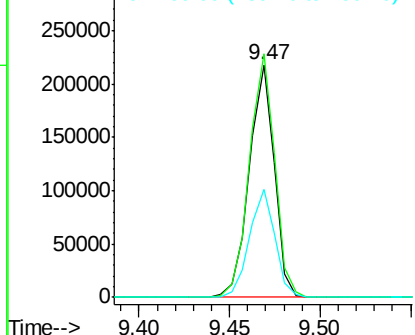
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF094379.D
 Acq: 12 Apr 2017 6:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 208863
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 46.3 36.2 54.2

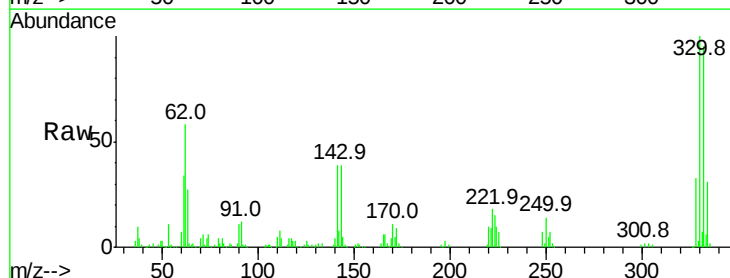


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

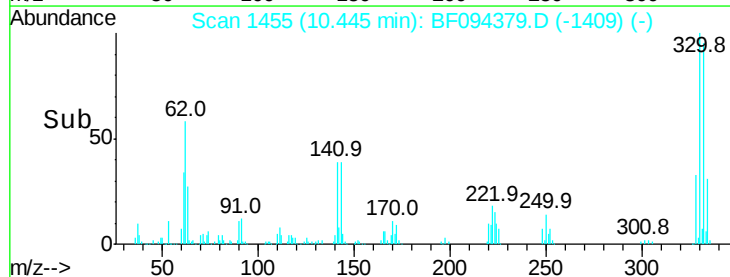
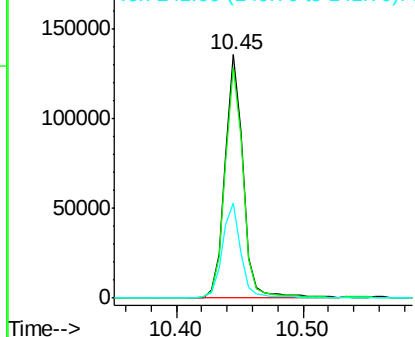


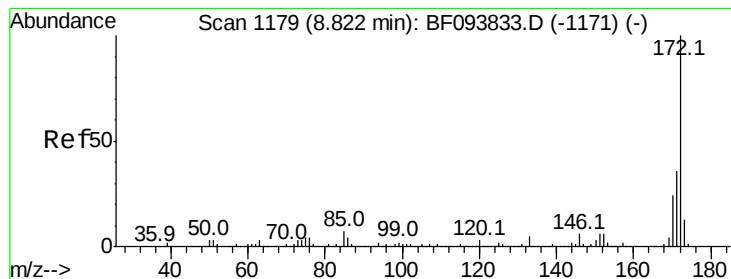
#41
 2,4,6-Tribromophenol
 Concen: 81.95 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094379.D
 Acq: 12 Apr 2017 6:02

Tgt Ion:330 Resp: 135248
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 40.1 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: 96.68 ng

RT: 8.66 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

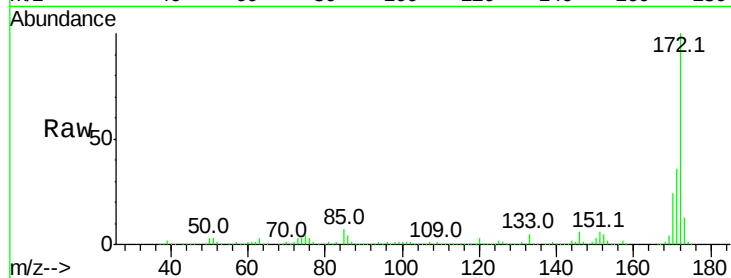
Tot Ion:172 Resp: 1323884

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

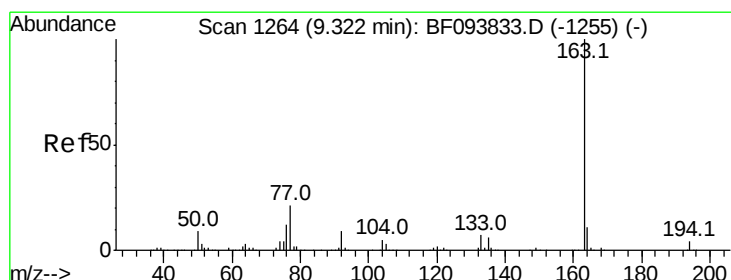
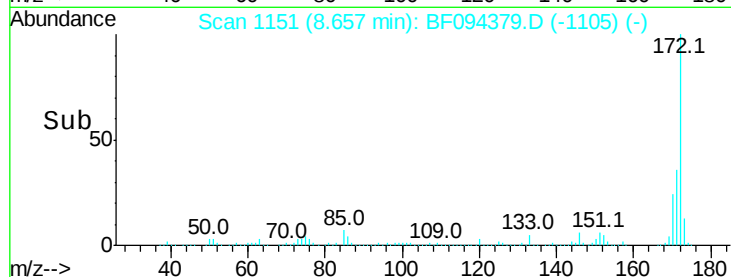
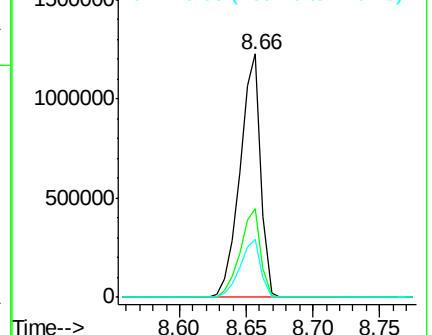
170 24.0 19.8 29.8



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: 12.24 ng

RT: 9.15 min Scan# 1235

Delta R.T. -0.04 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

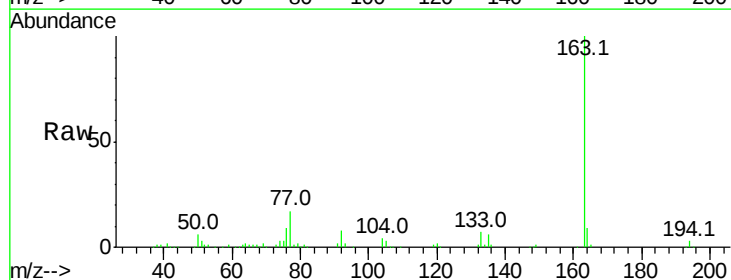
Tgt Ion:163 Resp: 181794

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

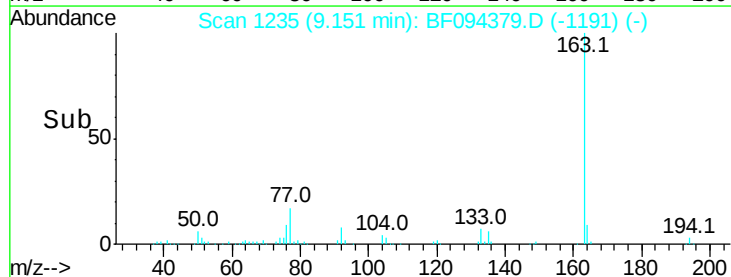
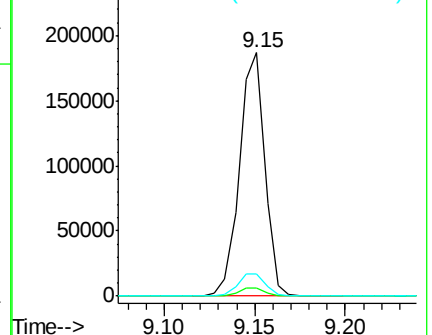
164 9.1 8.4 12.6

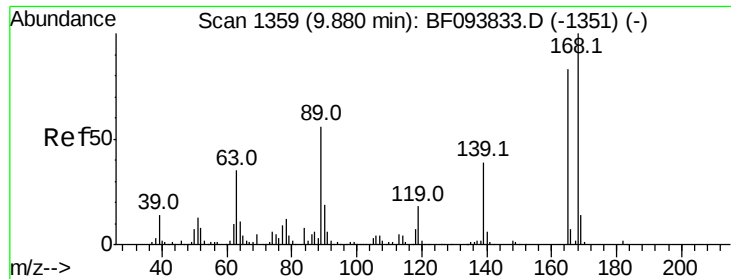


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

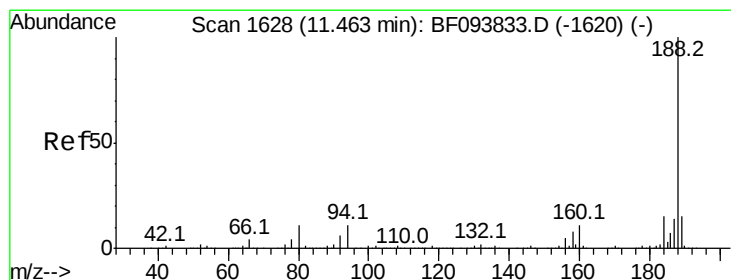
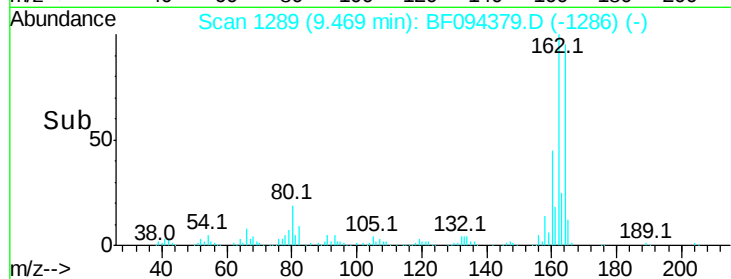
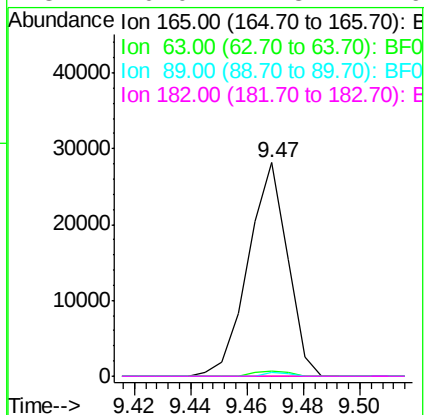
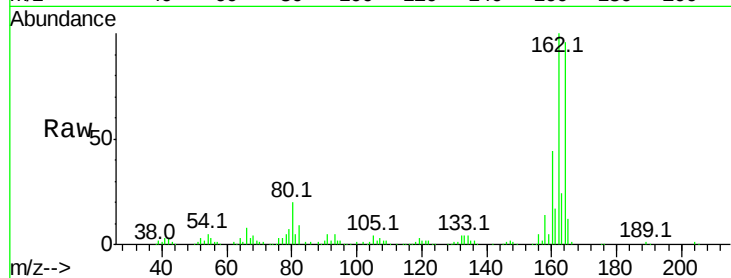




#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.28 min
 Lab File: BF094379.D
 Acq: 12 Apr 2017 6:02

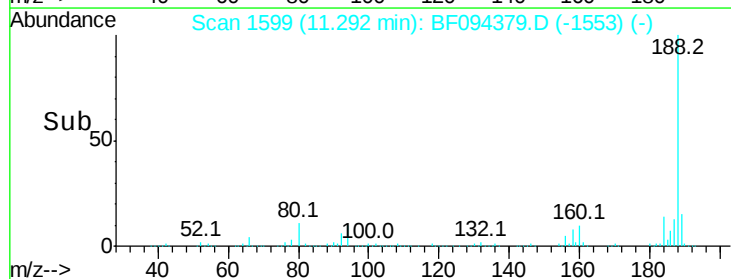
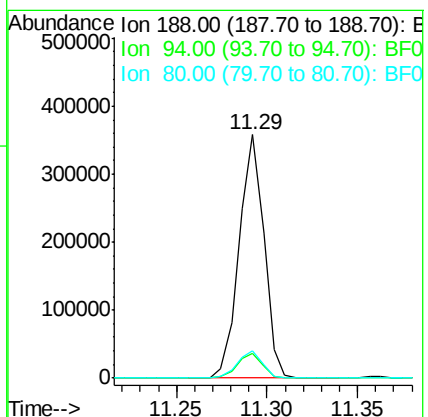
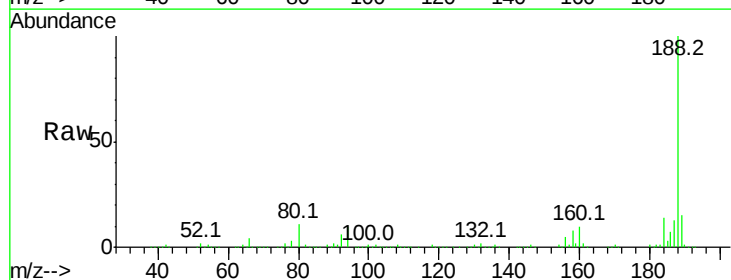
Instrument :
 BNA_F
 ClientSampleId :

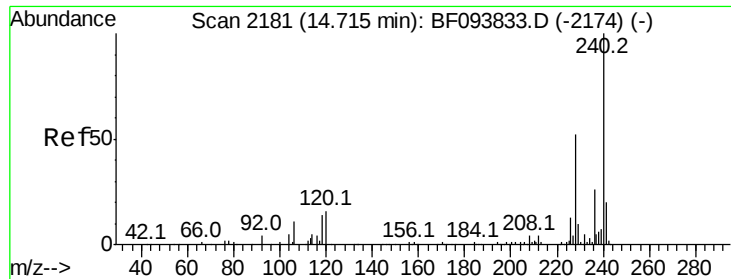
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.2	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1599
 Delta R.T. -0.03 min
 Lab File: BF094379.D
 Acq: 12 Apr 2017 6:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	11.0	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.54 min Scan# 2152

Delta R.T. -0.03 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

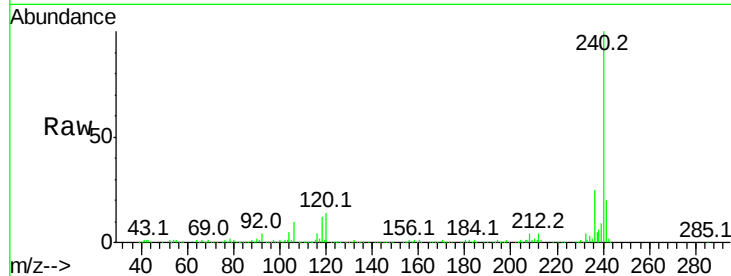
Tot Ion:240 Resp: 294314

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

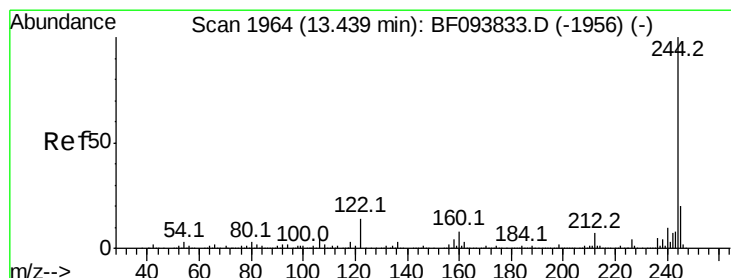
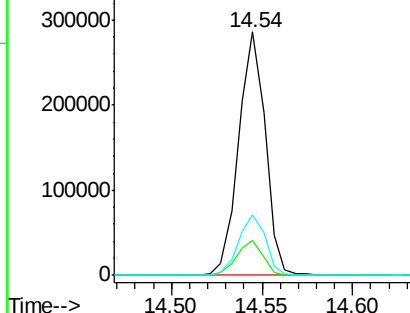
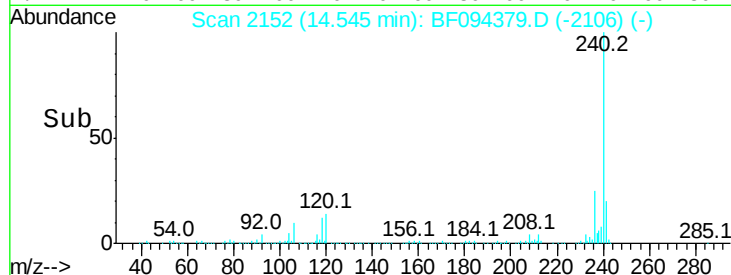
236 24.8 20.5 30.7



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: 73.38 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

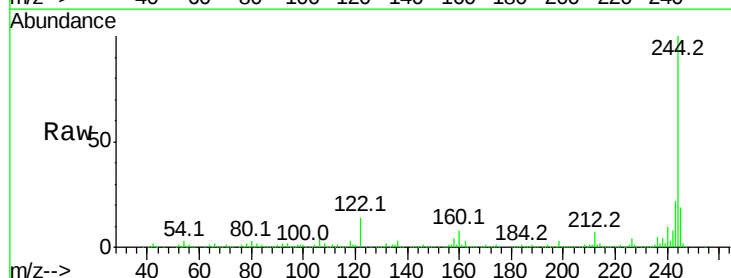
Tgt Ion:244 Resp: 963566

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

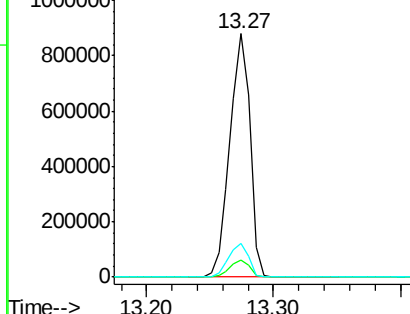
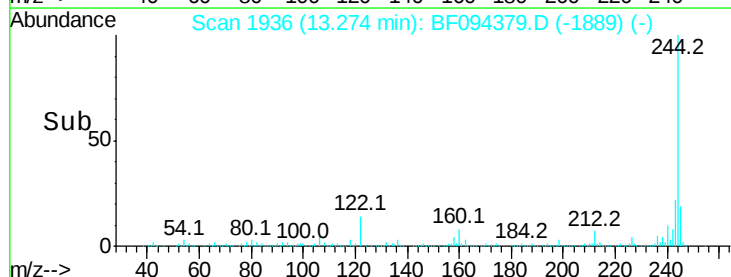
122 14.0 10.3 15.5

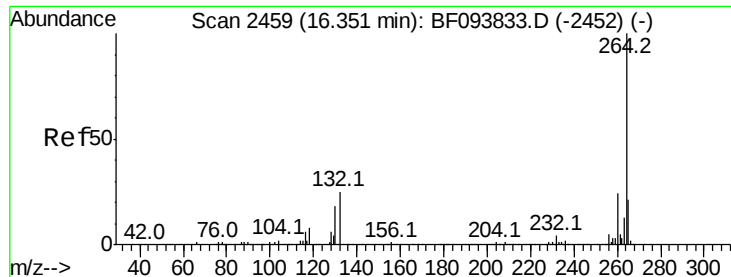


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.17 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BF094379.D
Acq: 12 Apr 2017 6:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	216587
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	17.2	25.8

