

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094311.D
 Acq On : 10 Apr 2017 15:16
 Operator : SJ/MA
 Sample : I2585-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:46:49 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

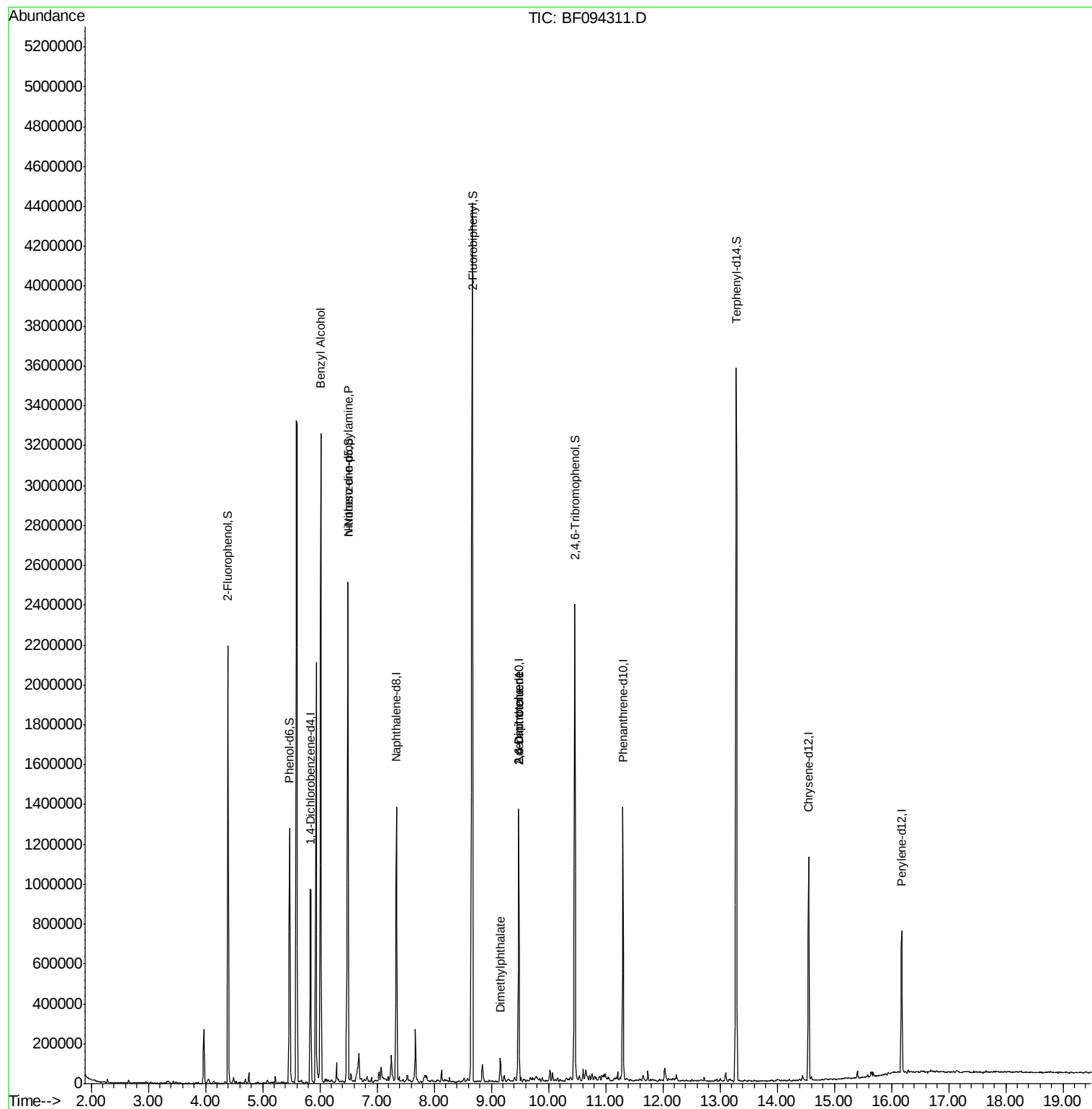
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	172503	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	691401	20.00	ng	-0.02
38) Acenaphthene-d10	9.48	164	316482	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	544933	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	425758	20.00	ng	-0.02
86) Perylene-d12	16.18	264	279316	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	639815	62.65	ng	0.00
7) Phenol-d6	5.47	99	504714	39.95	ng	0.00
23) Nitrobenzene-d5	6.49	82	1063466	87.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	346269	138.46	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1862792	89.78	ng	-0.02
78) Terphenyl-d14	13.29	244	1475944	77.70	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.02	79	18788	2.03	ng	# 57
19) n-Nitroso-di-n-propylamine	6.49	70	143663	17.69	ng	# 79
49) Dimethylphthalate	9.16	163	49246	2.19	ng	98
50) 2,6-Dinitrotoluene	9.48	165	40808	7.91	ng	# 34
56) 2,4-Dinitrotoluene	9.48	165	40808	6.30	ng	# 33

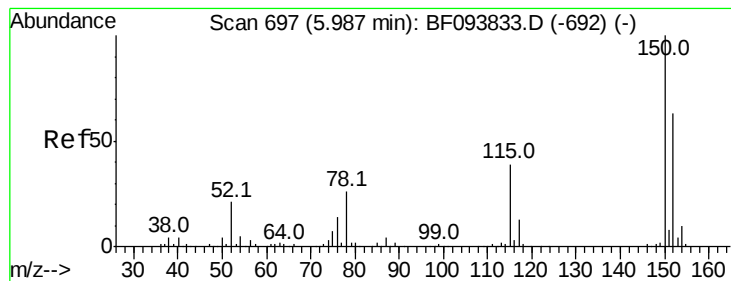
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
Data File : BF094311.D
Acq On : 10 Apr 2017 15:16
Operator : SJ/MA
Sample : I2585-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 00:46:49 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



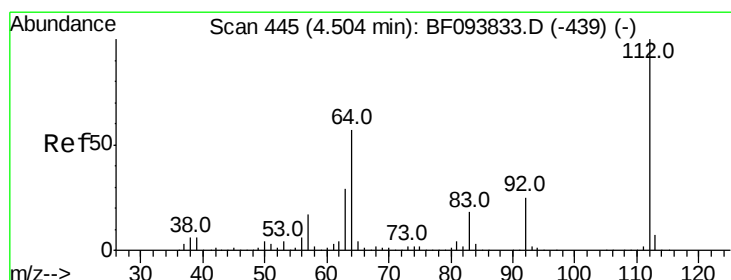
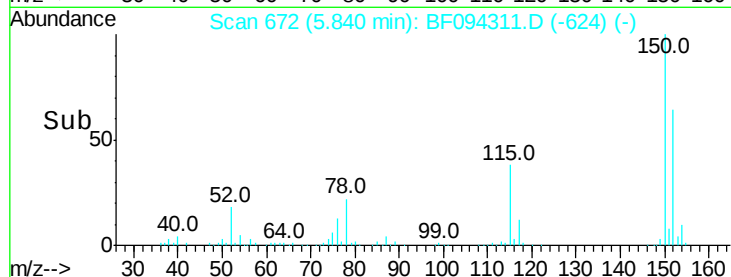
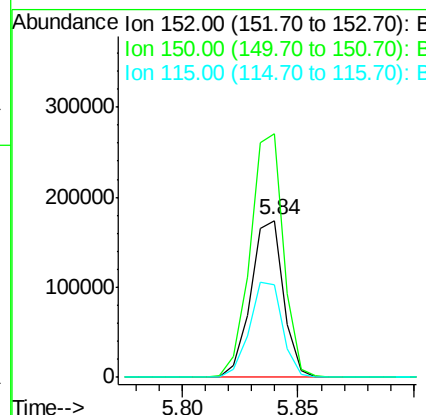
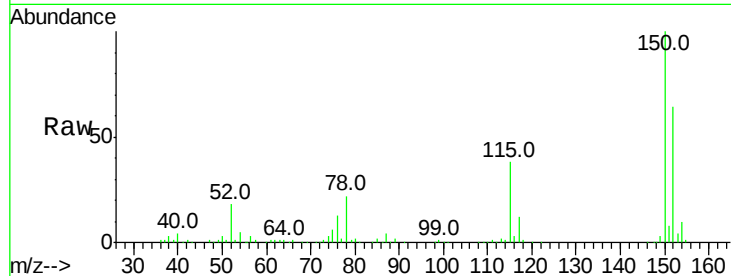


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094311.D
Acq: 10 Apr 2017 15:16

Instrument :
BNA_F
ClientSampleId :

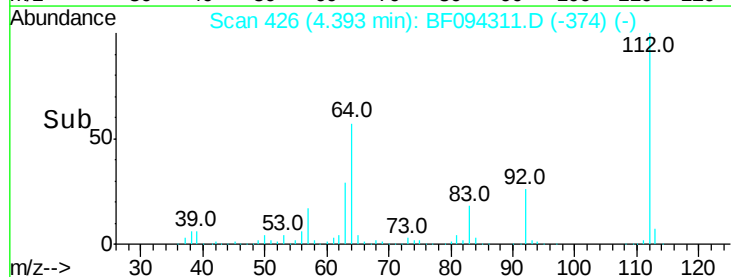
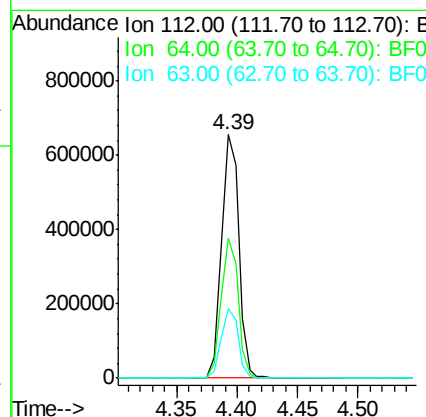
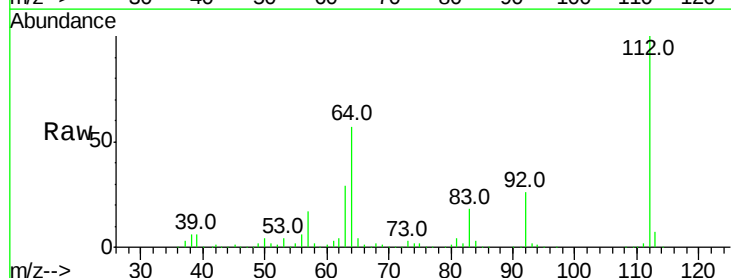
Tot Ion:152 Resp: 172503
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 58.7 52.2 78.2

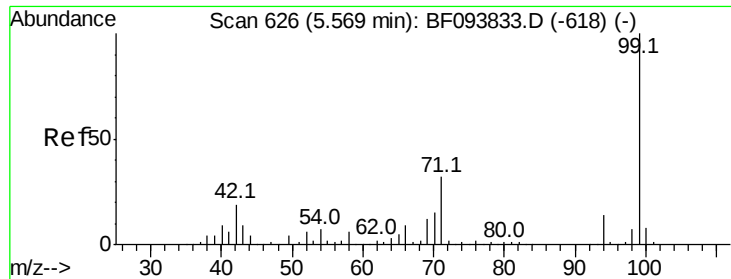


#5

2-Fluorophenol
Concen: 62.65 ng
RT: 4.39 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF094311.D
Acq: 10 Apr 2017 15:16

Tgt Ion:112 Resp: 639815
Ion Ratio Lower Upper
112 100
64 57.5 46.0 69.0
63 28.6 23.4 35.0





#7

Phenol-d6

Concen: 39.95 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

Instrument :

BNA_F

ClientSampled :

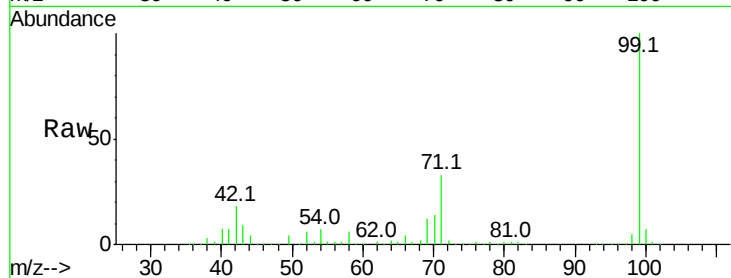
Tot Ion: 99 Resp: 504714

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

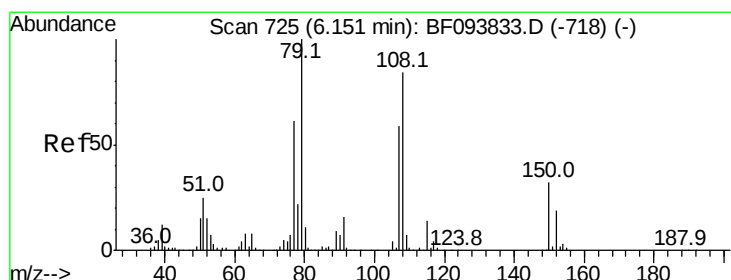
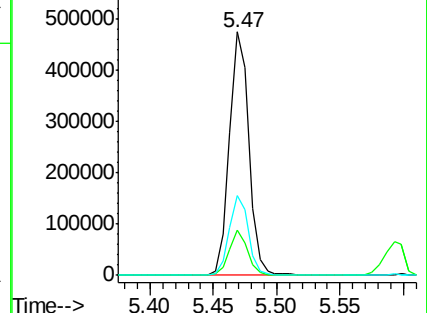
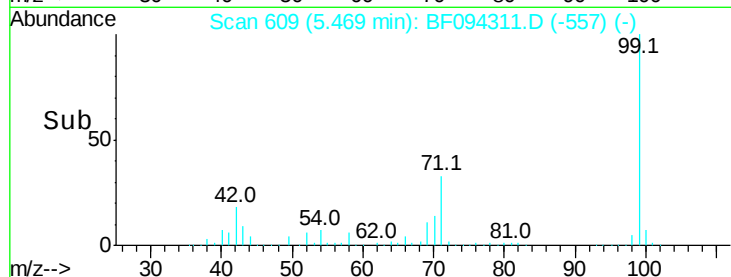
71 33.0 24.5 36.7



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: 2.03 ng

RT: 6.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

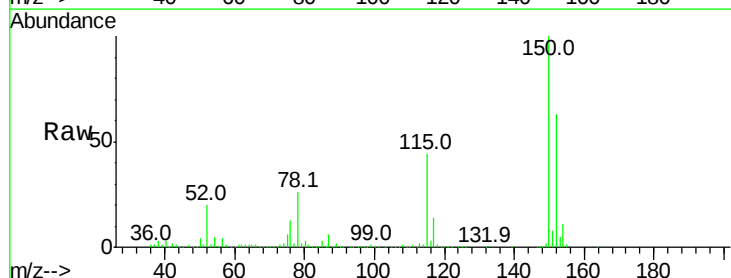
Tgt Ion: 79 Resp: 18788

Ion Ratio Lower Upper

79 100

108 46.2 63.4 95.0#

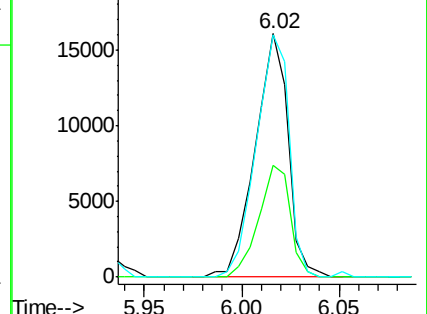
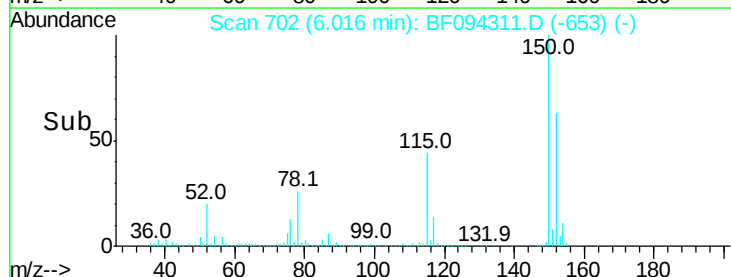
77 99.4 49.2 73.8#

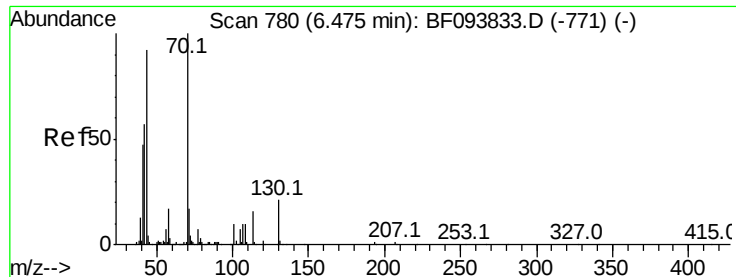


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.69 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.15 min

Lab File: BF094311.D

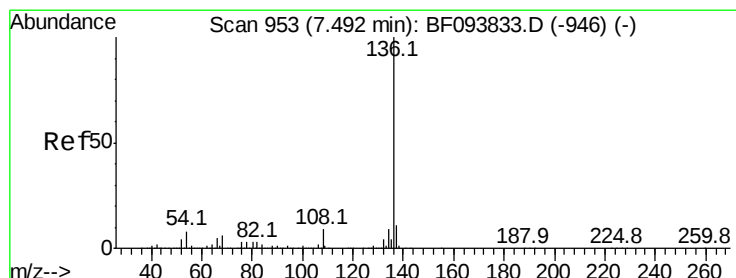
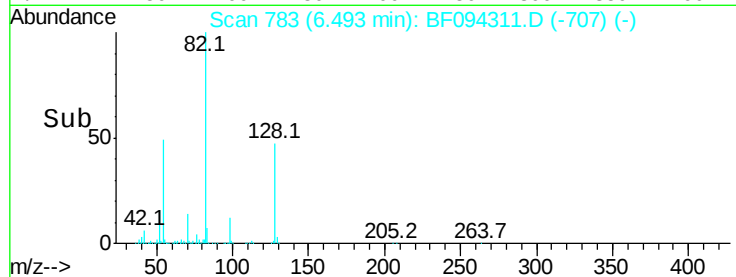
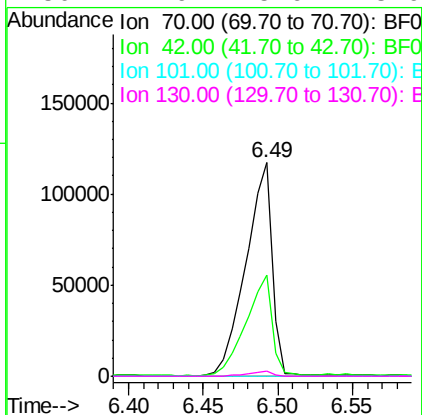
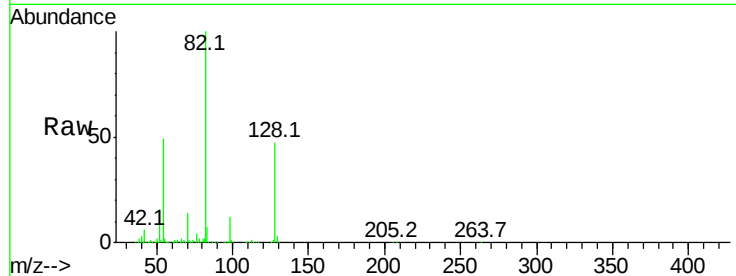
Acq: 10 Apr 2017 15:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	143663
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

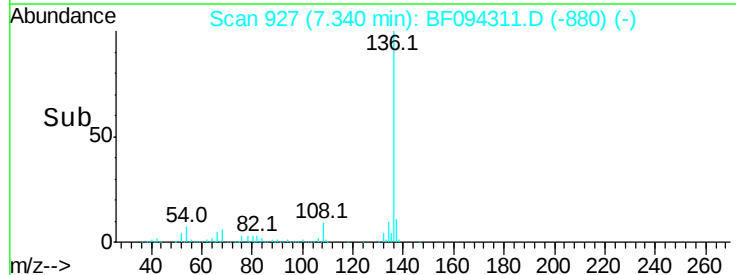
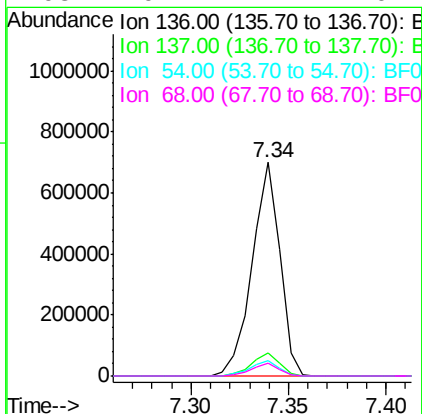
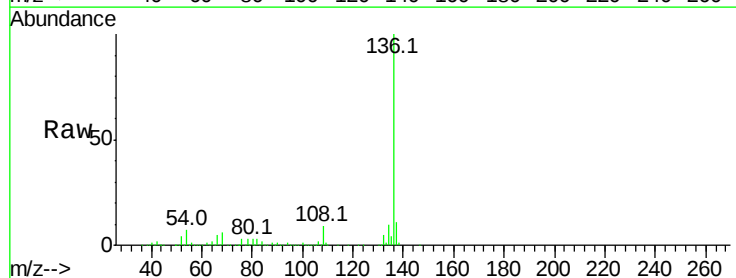
RT: 7.34 min Scan# 927

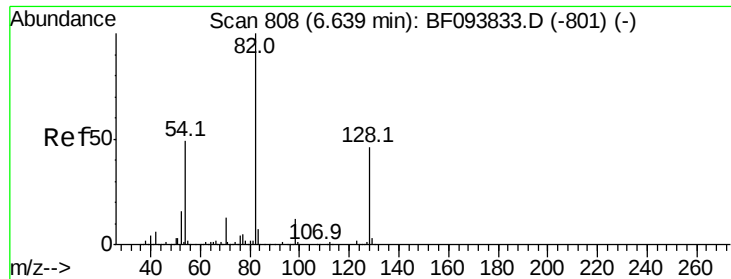
Delta R.T. -0.02 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

Tgt Ion:	136	Resp:	691401
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.4	4.9	7.3#
68	6.1	4.1	6.1





#23

Nitrobenzene-d5

Concen: 87.78 ng

RT: 6.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

Instrument :

BNA_F

ClientSampled :

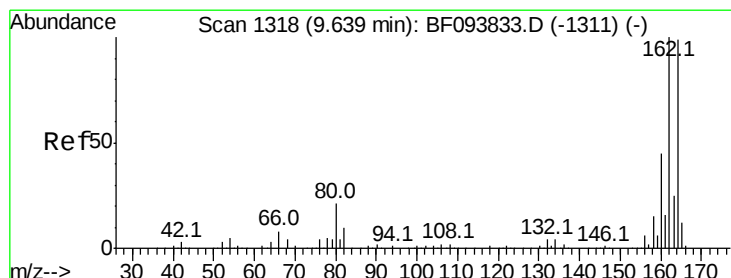
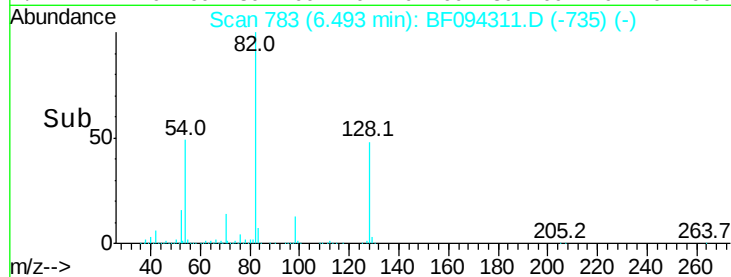
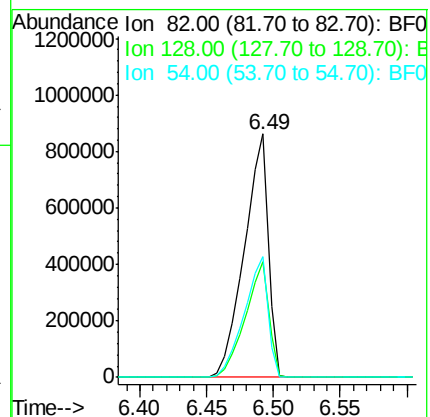
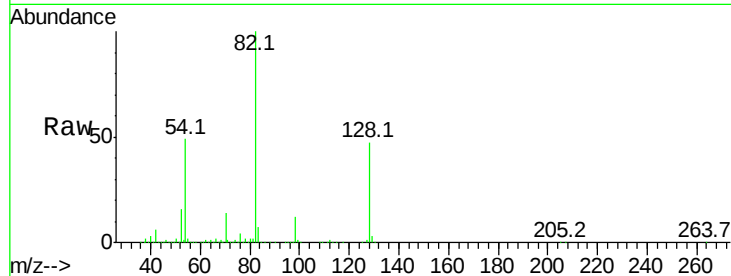
Tot Ion: 82 Resp: 1063466

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

54 49.3 42.2 63.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

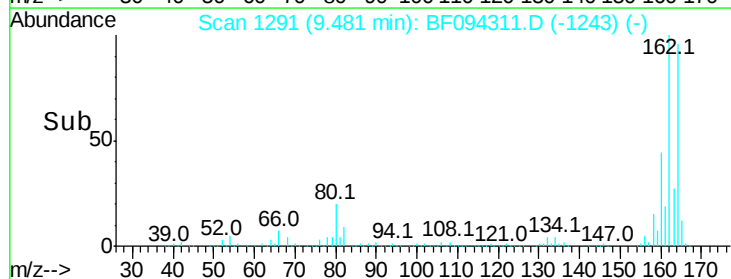
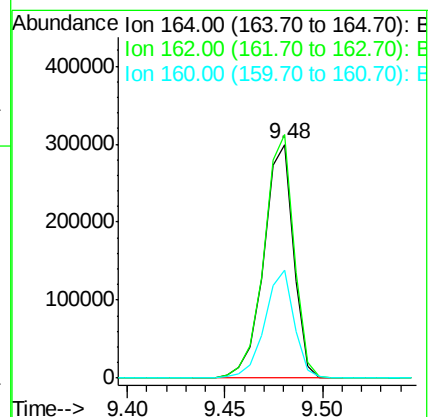
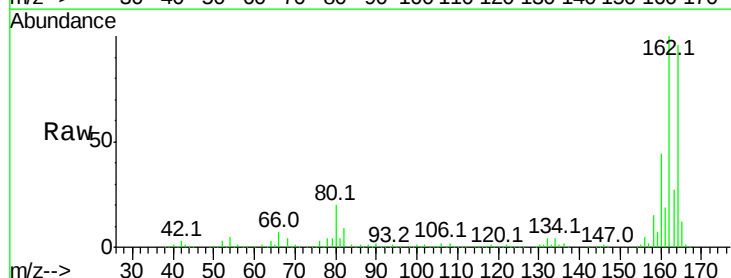
Tgt Ion:164 Resp: 316482

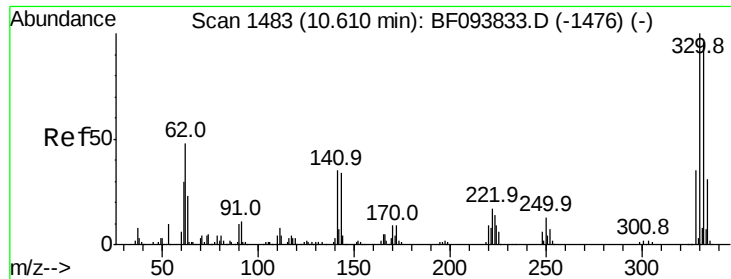
Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

160 46.0 36.2 54.2

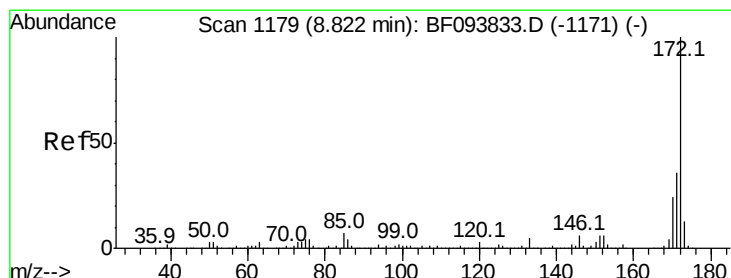
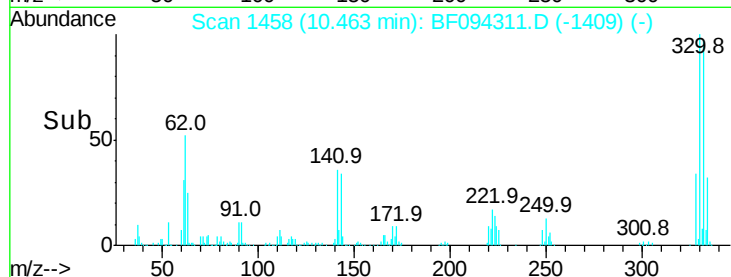
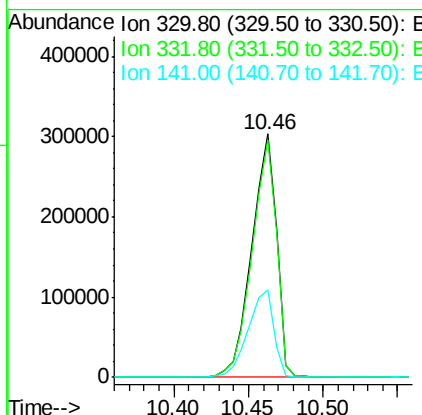
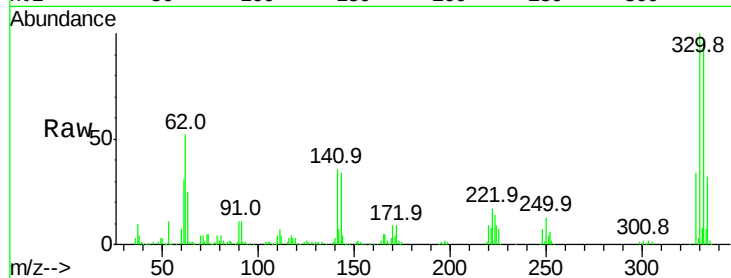




#41
 2,4,6-Tribromophenol
 Concen: 138.46 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094311.D
 Acq: 10 Apr 2017 15:16

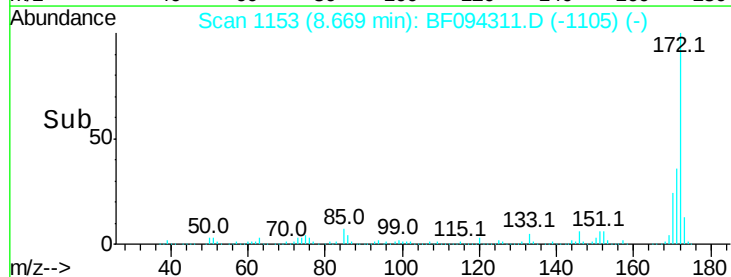
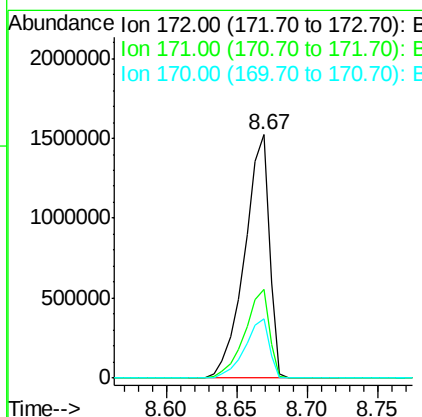
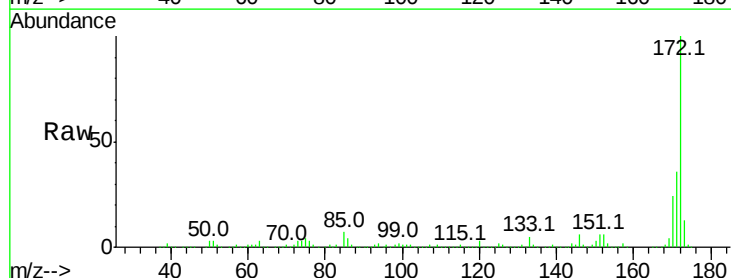
Instrument :
 BNA_F
 ClientSampled :

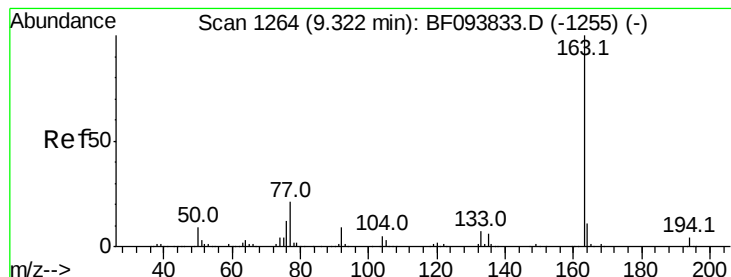
Tot Ion:330 Resp: 346269
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 37.8 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094311.D
 Acq: 10 Apr 2017 15:16

Tgt Ion:172 Resp: 1862792
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.8 29.8





#49

Dimethylphthalate

Concen: 2.19 ng

RT: 9.16 min Scan# 1236

Delta R.T. -0.04 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

Instrument :

BNA_F

ClientSampleId :

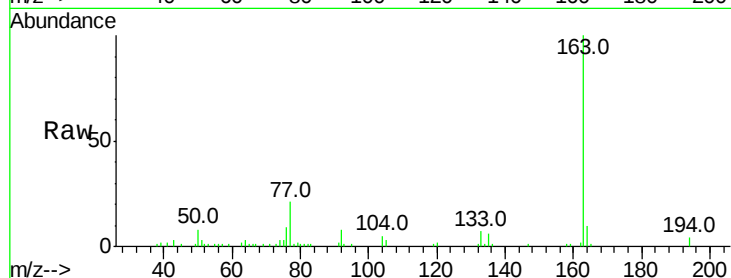
Tot Ion:163 Resp: 49246

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

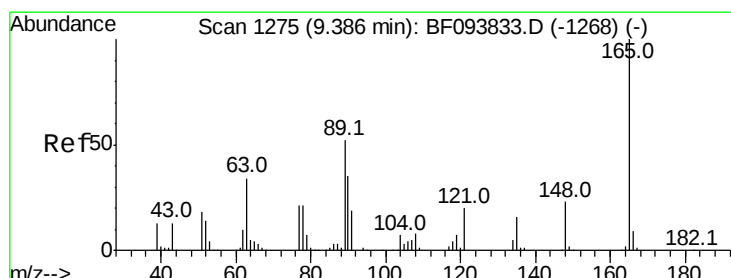
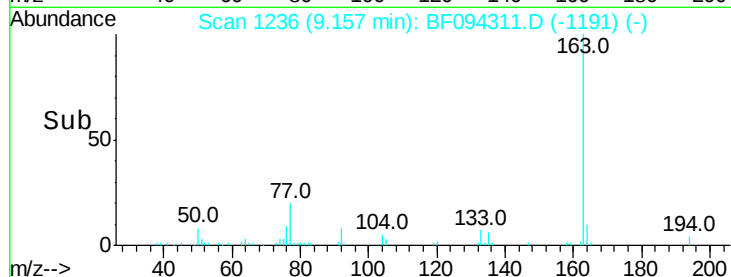
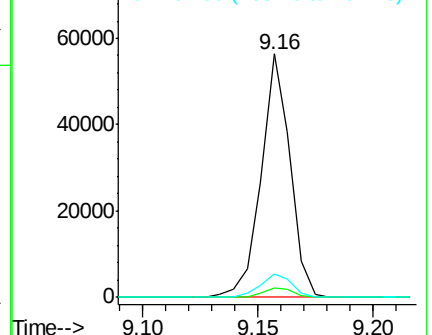
164 9.5 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 7.91 ng

RT: 9.48 min Scan# 1291

Delta R.T. 0.22 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

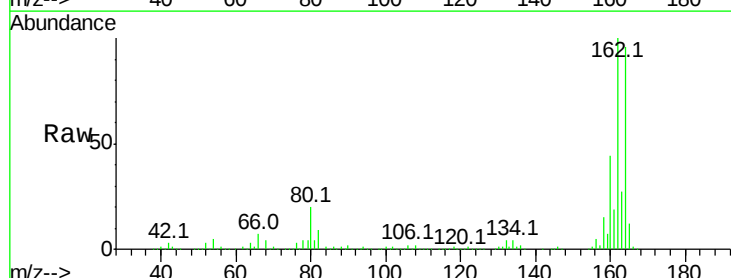
Tgt Ion:165 Resp: 40808

Ion Ratio Lower Upper

165 100

63 1.6 34.3 51.5#

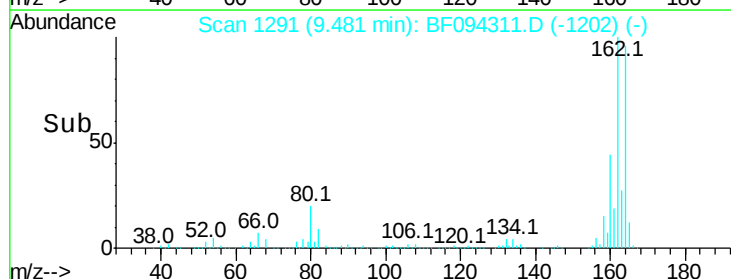
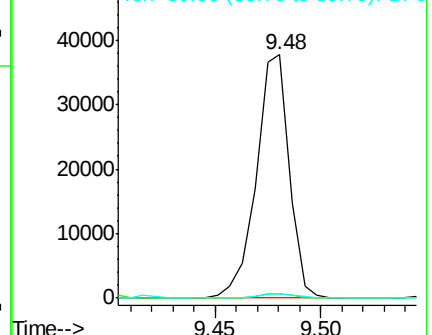
89 1.7 37.1 55.7#

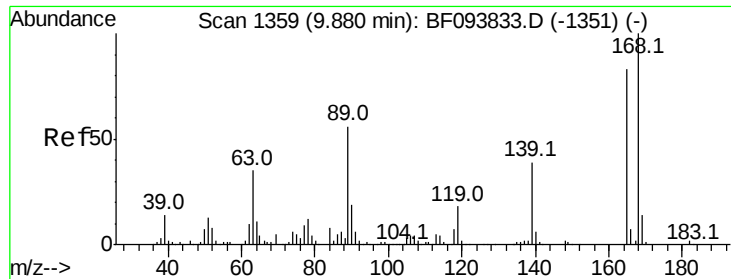


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

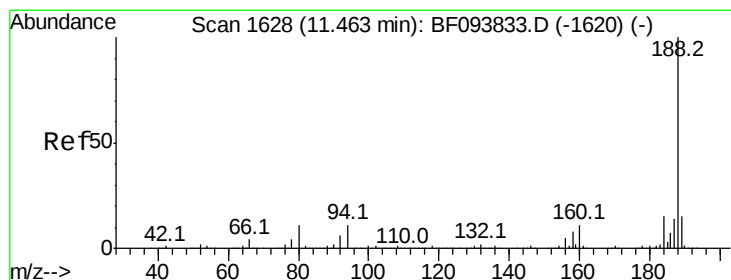
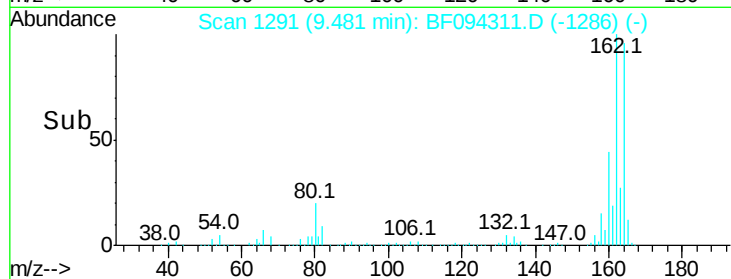
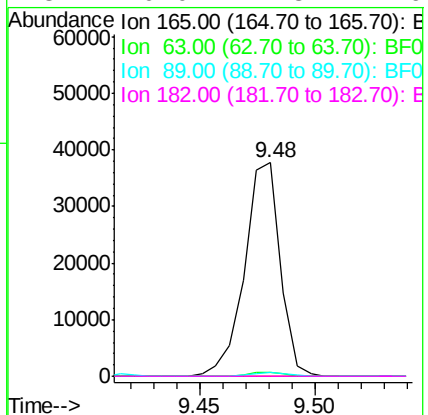
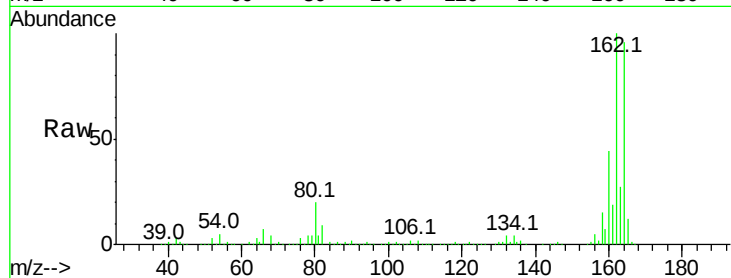




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.48 min Scan# 1291
 Delta R.T. -0.27 min
 Lab File: BF094311.D
 Acq: 10 Apr 2017 15:16

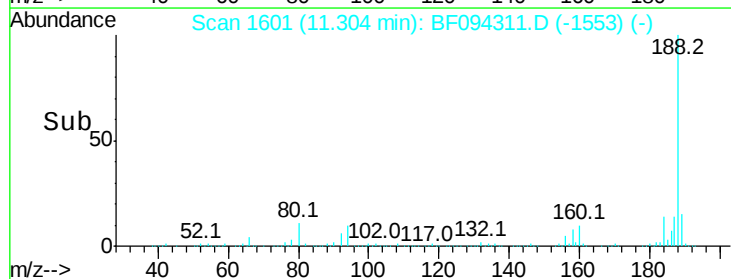
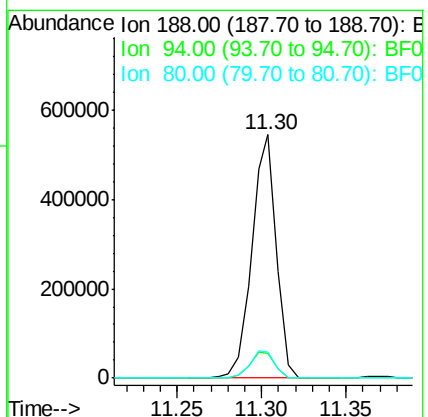
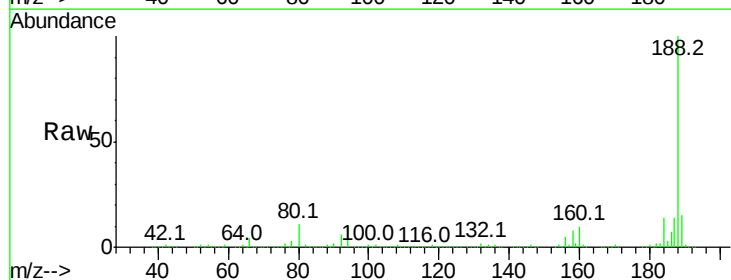
Instrument :
 BNA_F
 ClientSampleId :

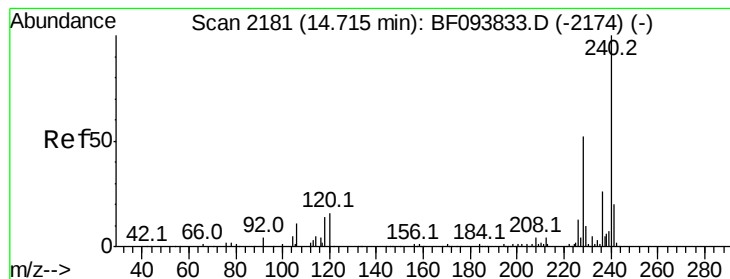
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BF094311.D
 Acq: 10 Apr 2017 15:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

Instrument :

BNA_F

ClientSampleId :

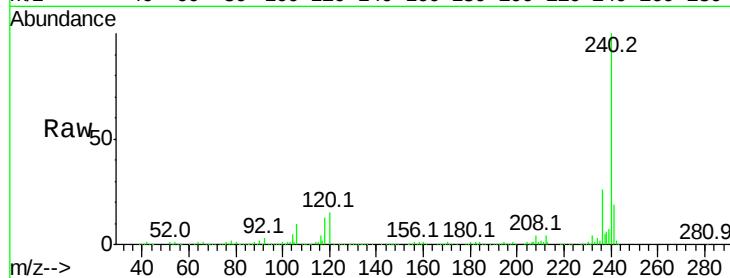
Tot Ion:240 Resp: 425758

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

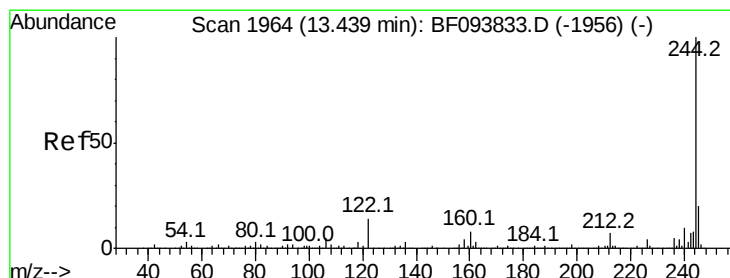
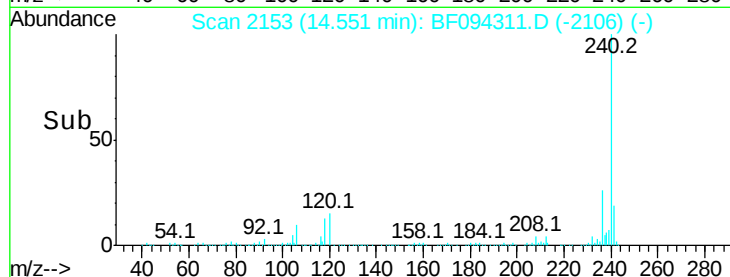
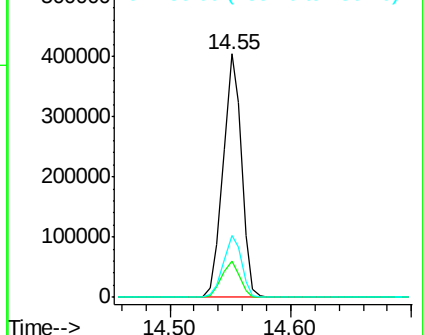
236 25.7 20.5 30.7



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: 77.70 ng

RT: 13.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BF094311.D

Acq: 10 Apr 2017 15:16

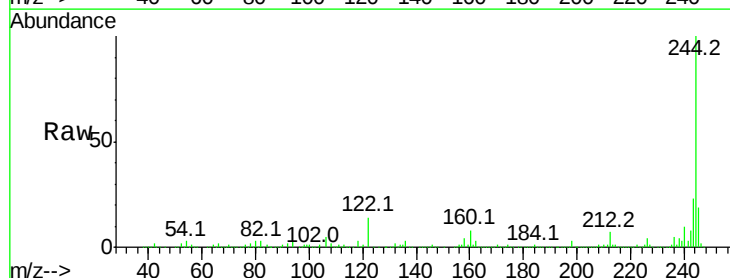
Tgt Ion:244 Resp: 1475944

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

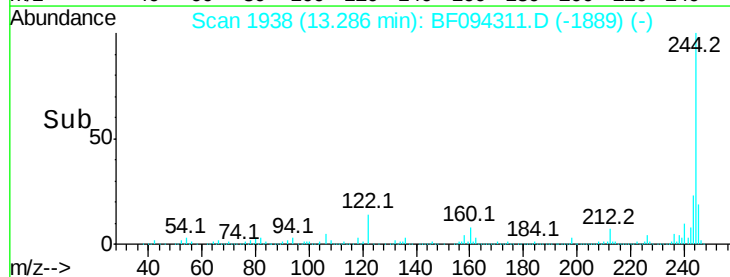
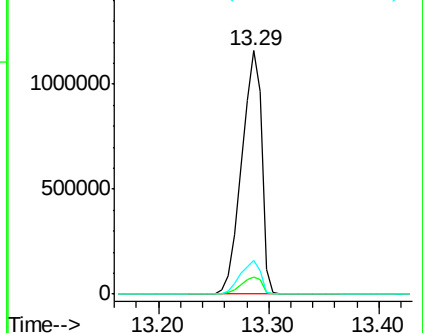
122 13.8 10.3 15.5

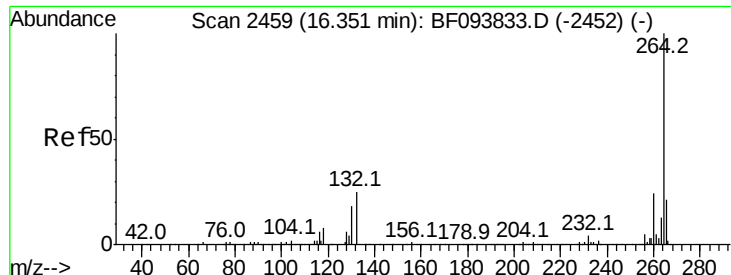


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

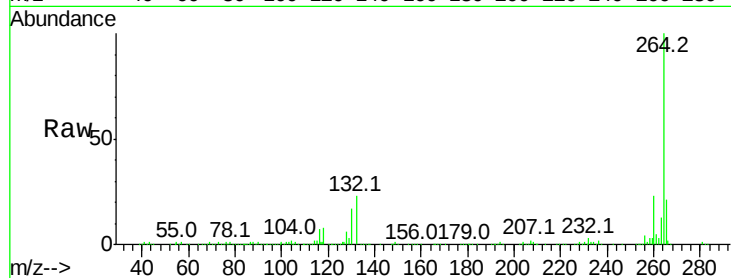




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094311.D
 Acq: 10 Apr 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.9	17.2	25.8



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

