

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094355.D
 Acq On : 11 Apr 2017 17:34
 Operator : SJ/MA
 Sample : PB98184BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:49:37 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

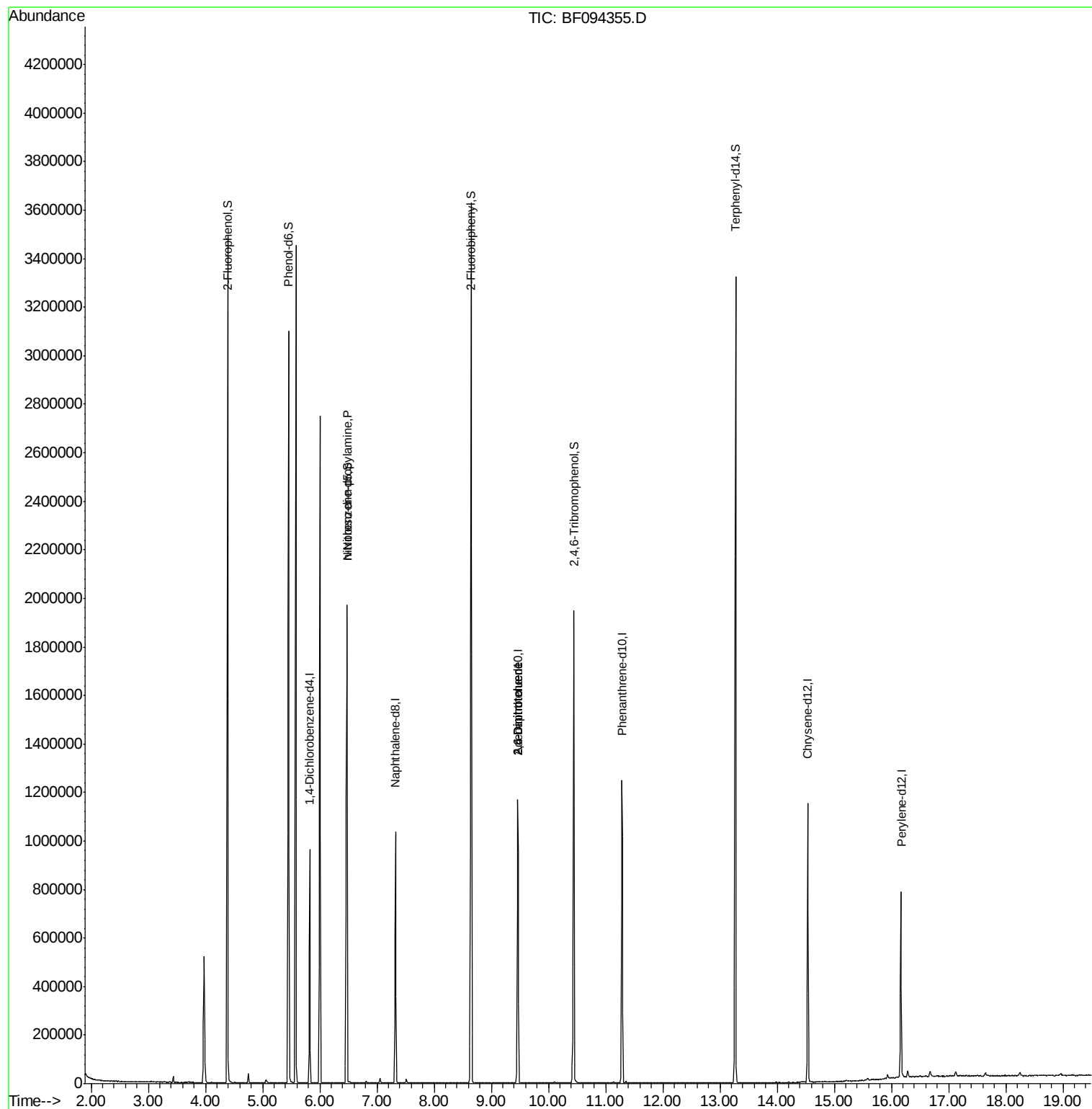
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	149161	20.00	ng	-0.04
21) Naphthalene-d8	7.32	136	612138	20.00	ng	-0.04
38) Acenaphthene-d10	9.46	164	283693	20.00	ng	-0.04
63) Phenanthrene-d10	11.29	188	516221	20.00	ng	-0.04
75) Chrysene-d12	14.54	240	426570	20.00	ng	-0.04
86) Perylene-d12	16.17	264	290604	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1046091	118.45	ng	0.00
7) Phenol-d6	5.46	99	1318931	120.72	ng	0.00
23) Nitrobenzene-d5	6.47	82	817076	76.17	ng	-0.04
41) 2,4,6-Tribromophenol	10.45	330	268091	119.59	ng	-0.03
44) 2-Fluorobiphenyl	8.65	172	1521105	81.78	ng	-0.04
78) Terphenyl-d14	13.27	244	1335723	70.19	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.47	70	107886	15.36	ng	# 75
50) 2,6-Dinitrotoluene	9.46	165	36117	7.81	ng	# 33
56) 2,4-Dinitrotoluene	9.46	165	36116	6.22	ng	# 33

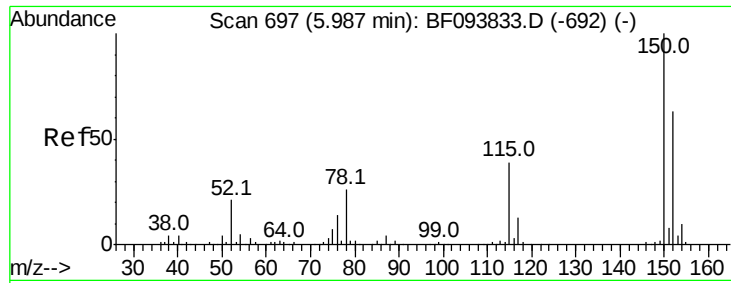
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
Data File : BF094355.D
Acq On : 11 Apr 2017 17:34
Operator : SJ/MA
Sample : PB98184BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 12 00:49:37 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



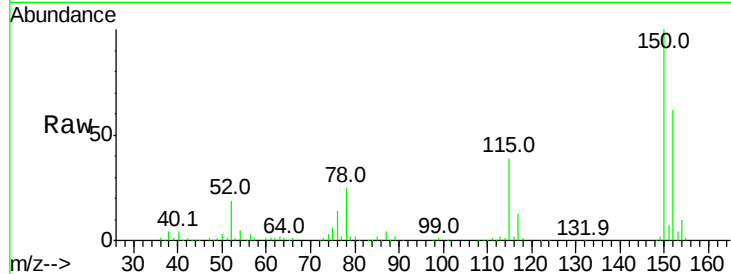


#1

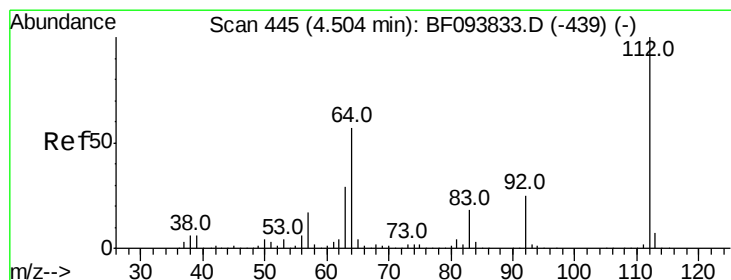
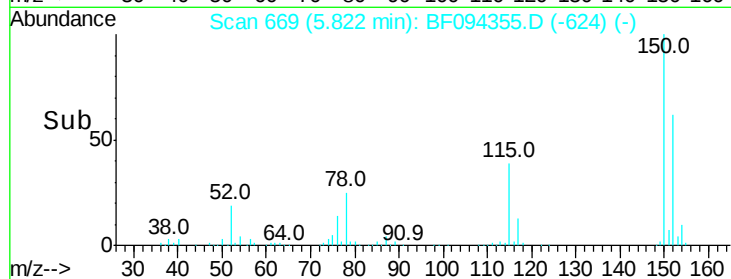
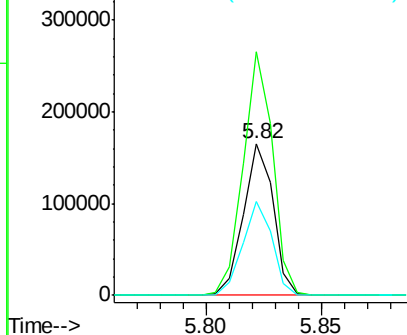
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF094355.D
Acq: 11 Apr 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149161
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 62.0 52.2 78.2



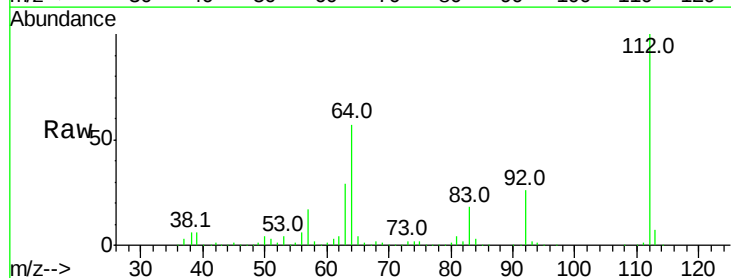
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



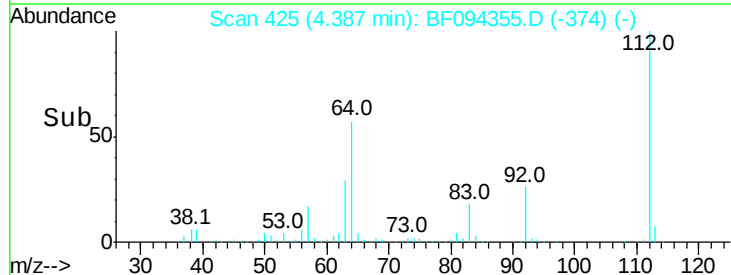
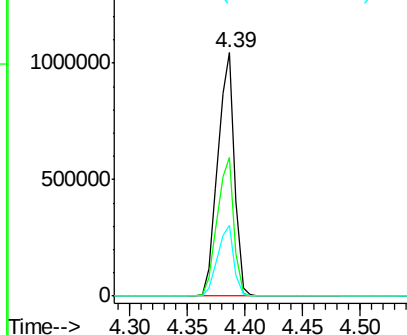
#5

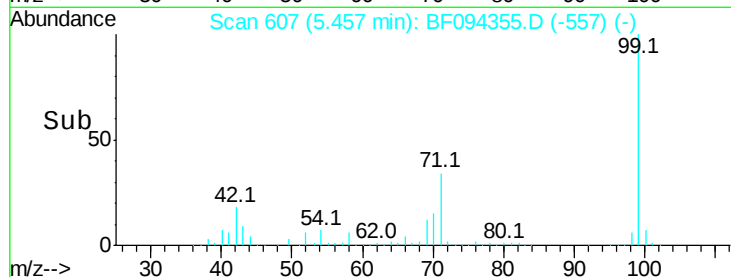
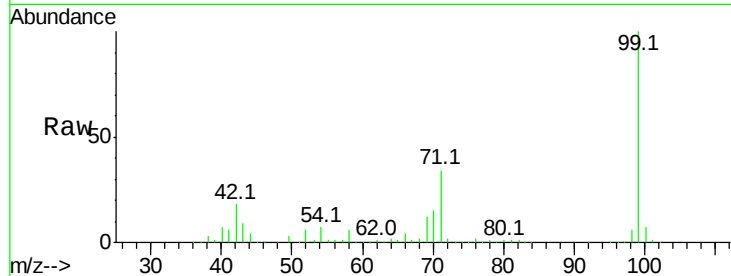
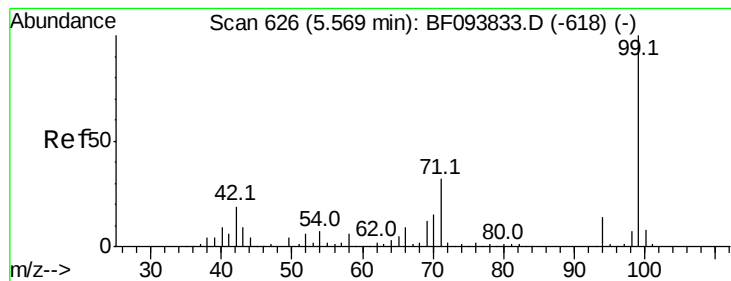
2-Fluorophenol
Concen: 118.45 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094355.D
Acq: 11 Apr 2017 17:34

Tgt Ion:112 Resp: 1046091
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 29.1 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: 120.72 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094355.D

Acq: 11 Apr 2017 17:34

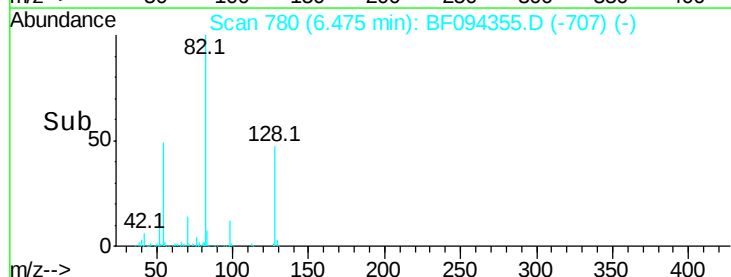
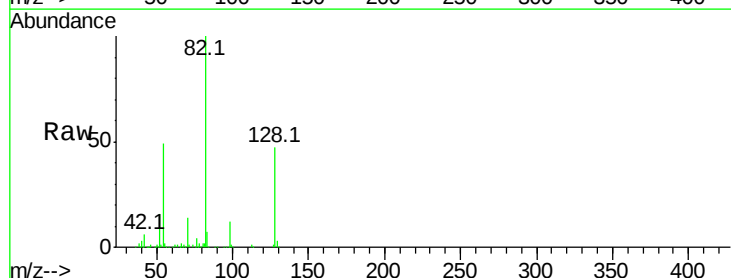
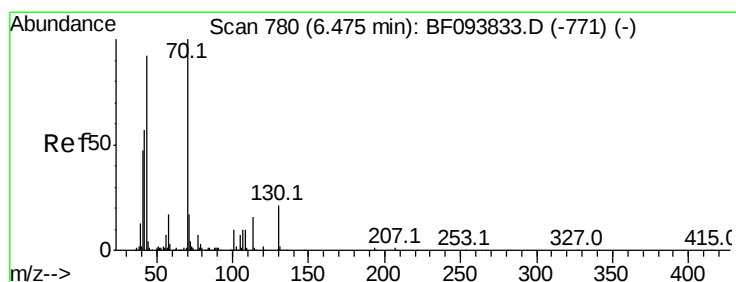
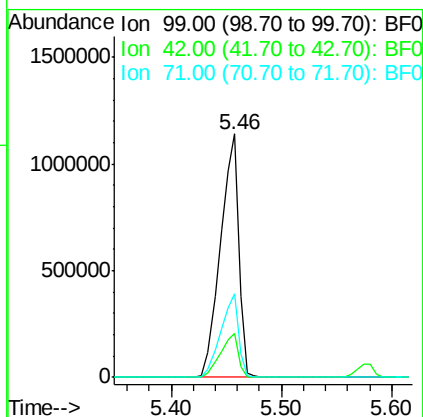
Tot Ion: 99 Resp: 1318931

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 34.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.36 ng

RT: 6.47 min Scan# 780

Delta R.T. 0.13 min

Lab File: BF094355.D

Acq: 11 Apr 2017 17:34

Tgt Ion: 70 Resp: 107886

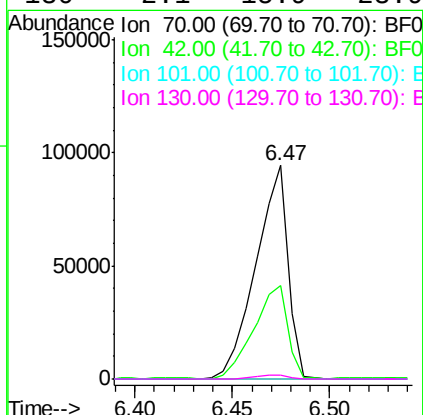
Ion Ratio Lower Upper

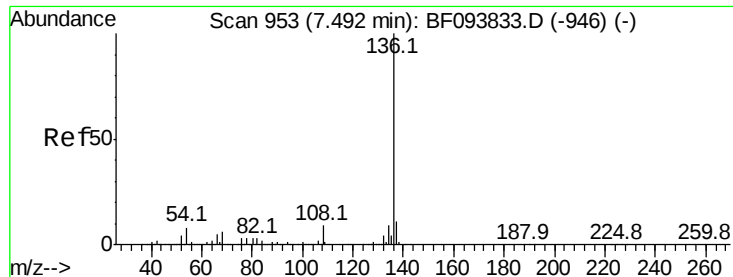
70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

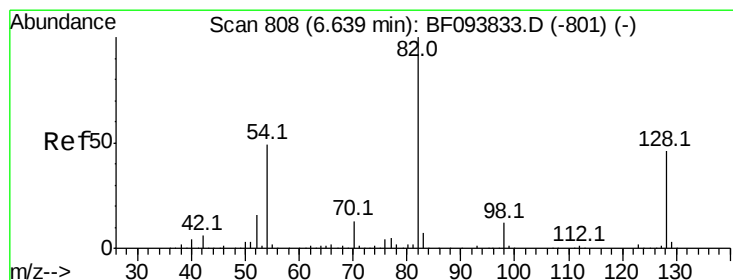
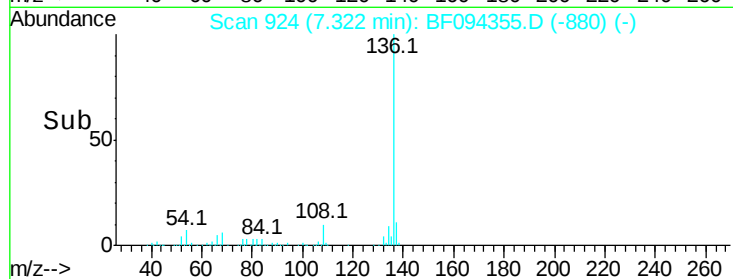
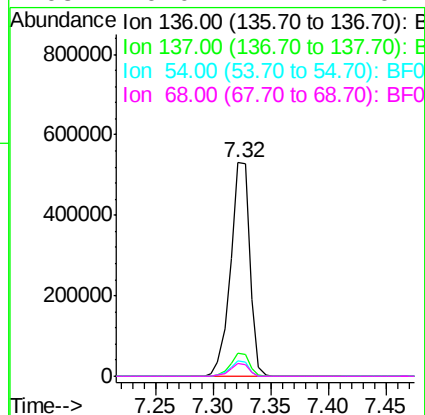
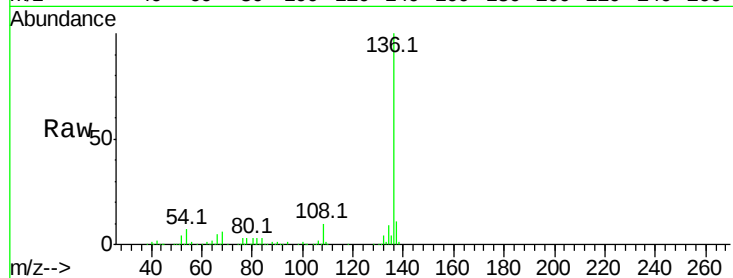




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.32 min Scan# 924
Delta R.T. -0.04 min
Lab File: BF094355.D
Acq: 11 Apr 2017 17:34

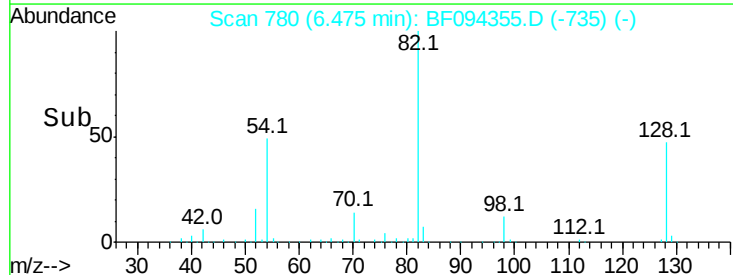
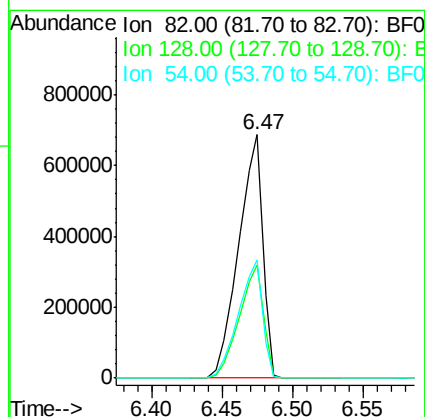
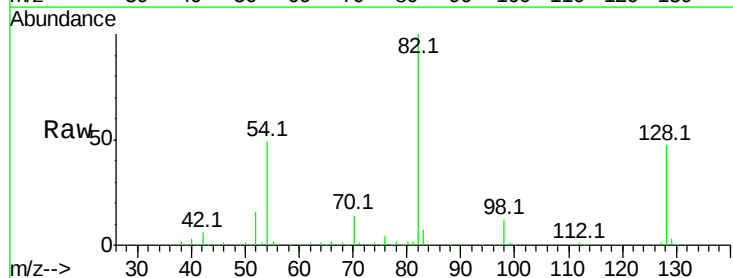
Instrument :
BNA_F
ClientSampleId :

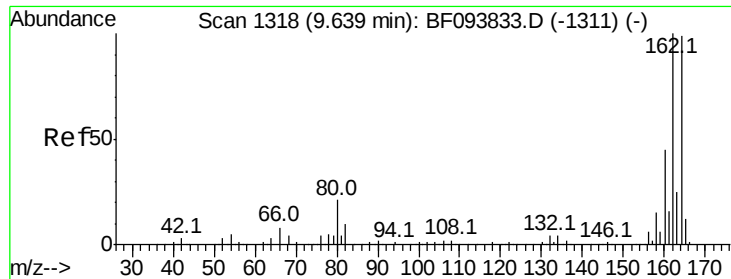
Tot Ion:	136	Resp:	612138
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.5	4.9	7.3#
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 76.17 ng
RT: 6.47 min Scan# 780
Delta R.T. -0.04 min
Lab File: BF094355.D
Acq: 11 Apr 2017 17:34

Tgt Ion:	82	Resp:	817076
Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	48.6	42.2	63.2

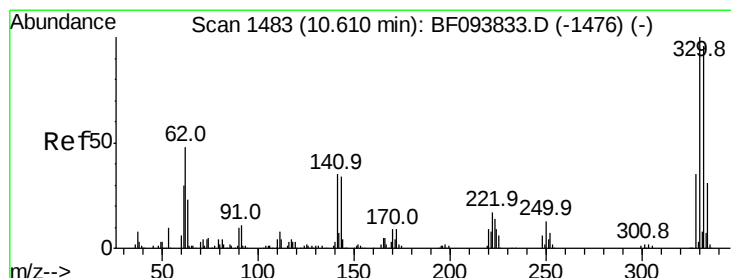
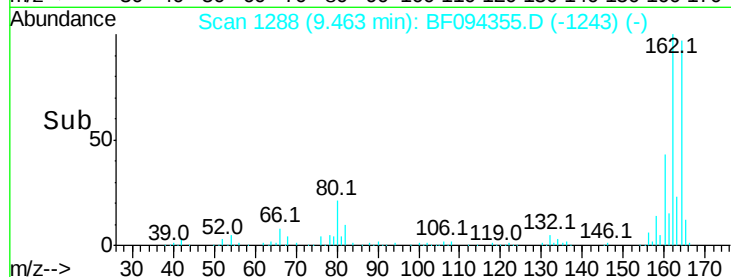
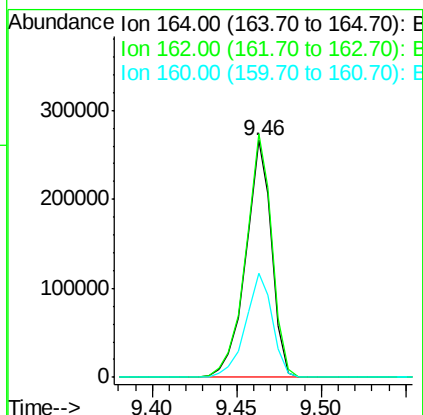
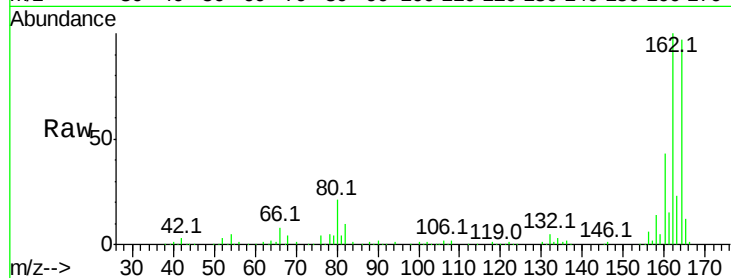




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.46 min Scan# 1288
 Delta R.T. -0.04 min
 Lab File: BF094355.D
 Acq: 11 Apr 2017 17:34

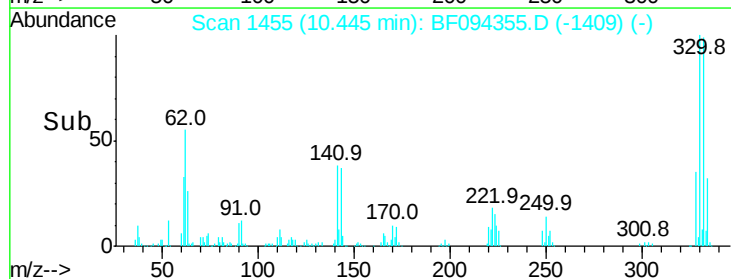
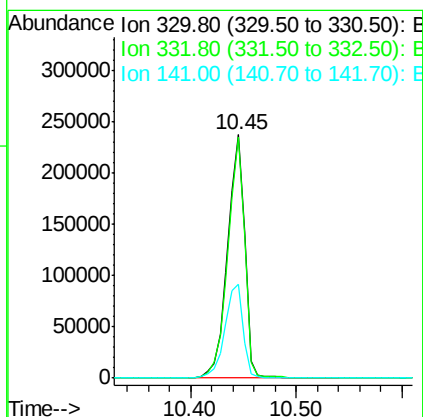
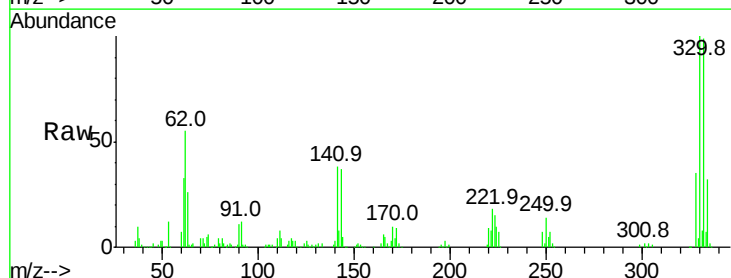
Instrument :
 BNA_F
 ClientSampleId :

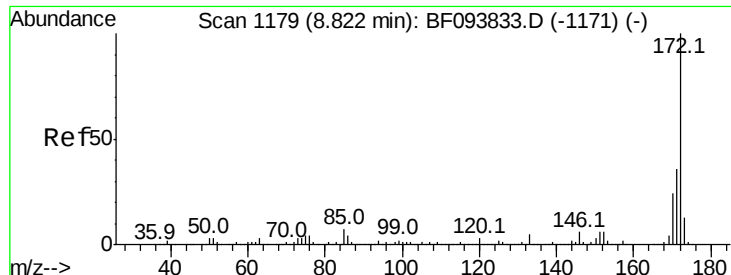
Tot Ion:164 Resp: 283693
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 44.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 119.59 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094355.D
 Acq: 11 Apr 2017 17:34

Tgt Ion:330 Resp: 268091
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 41.0 31.4 47.2



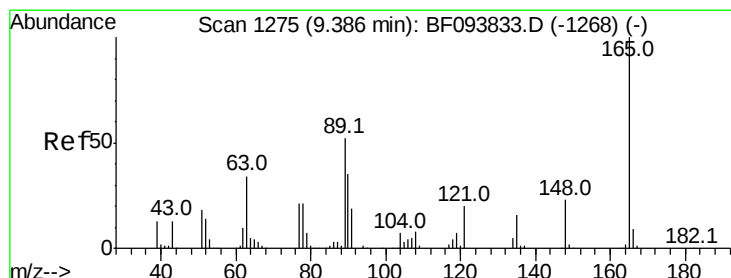
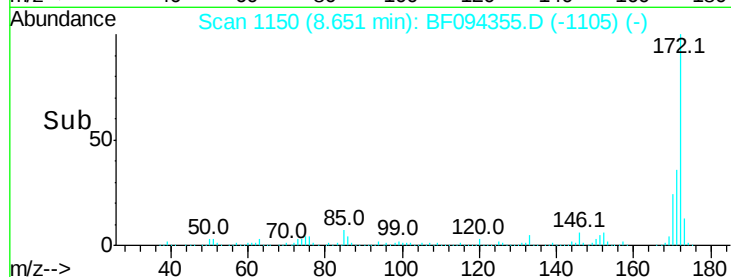
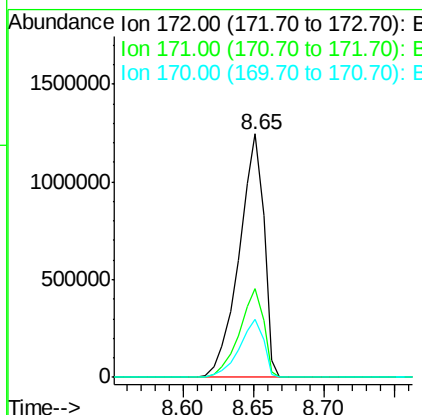
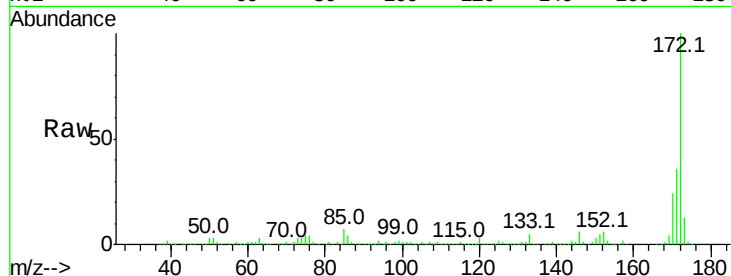


#44
 2-Fluorobiphenyl
 Concen: 81.78 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.04 min
 Lab File: BF094355.D
 Acq: 11 Apr 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1521105

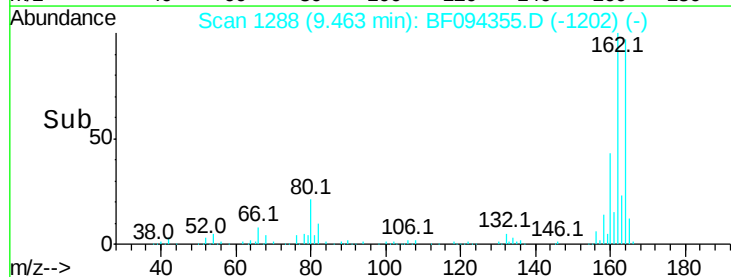
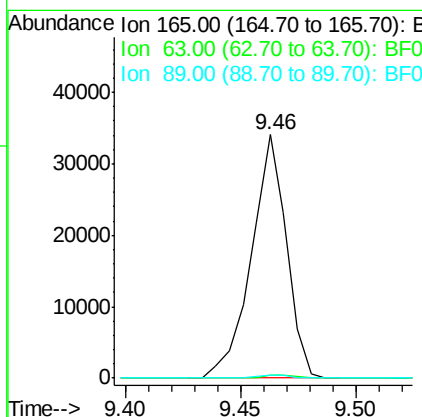
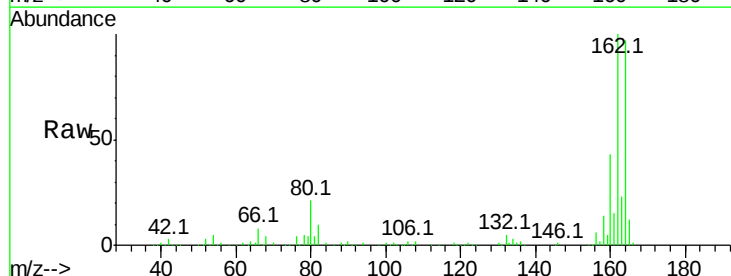
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.8	29.8

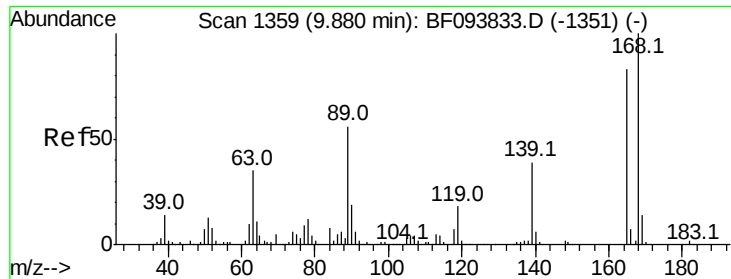


#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.46 min Scan# 1288
 Delta R.T. 0.21 min
 Lab File: BF094355.D
 Acq: 11 Apr 2017 17:34

Tgt Ion:165 Resp: 36117

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.3	37.1	55.7#





#56

2,4-Dinitrotoluene

Concen: 6.22 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.29 min

Lab File: BF094355.D

Acq: 11 Apr 2017 17:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 36116

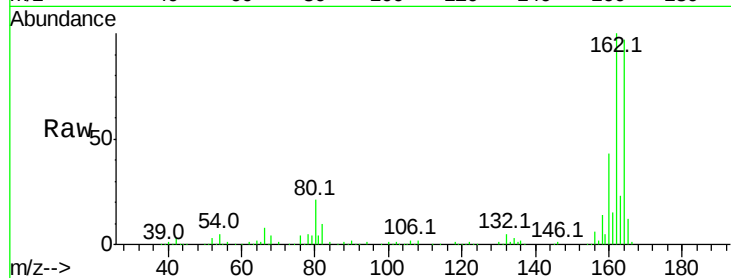
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

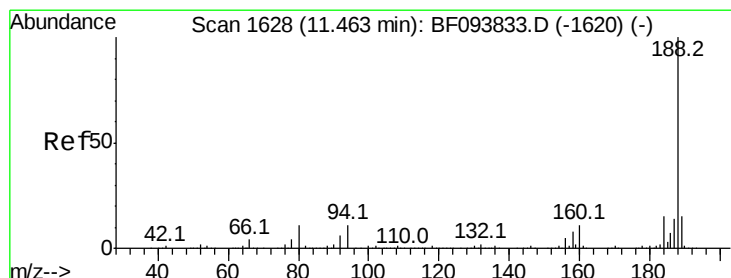
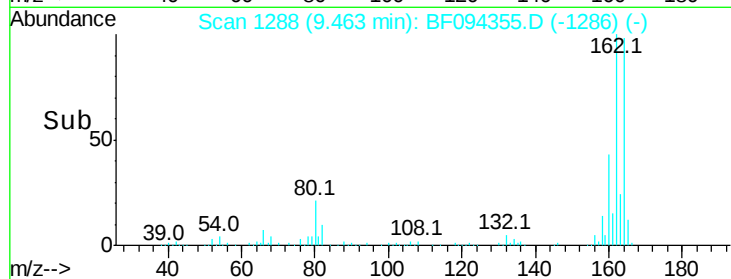
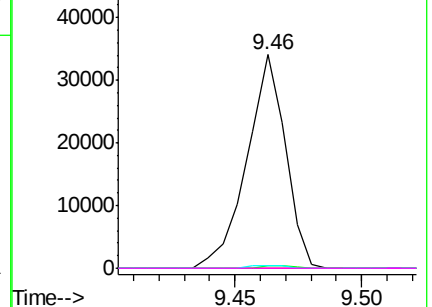


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1598

Delta R.T. -0.04 min

Lab File: BF094355.D

Acq: 11 Apr 2017 17:34

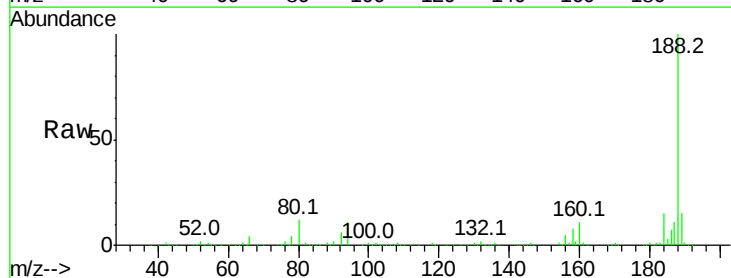
Tgt Ion:188 Resp: 516221

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

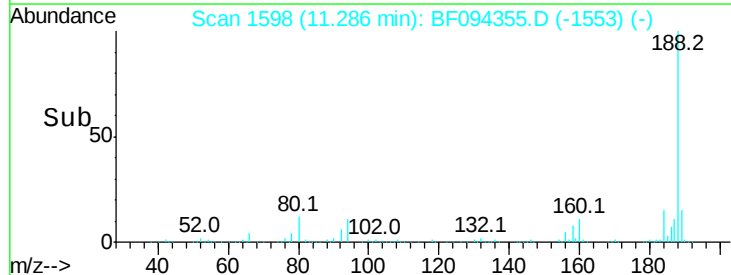
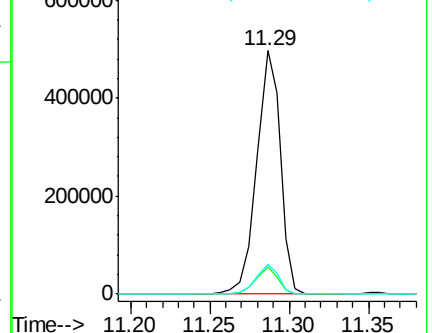
80 12.3 10.2 15.2

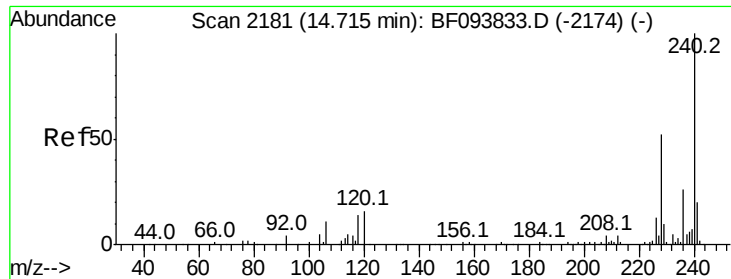


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.54 min Scan# 2151

Delta R.T. -0.04 min

Lab File: BF094355.D

Acq: 11 Apr 2017 17:34

Instrument :

BNA_F

ClientSampleId :

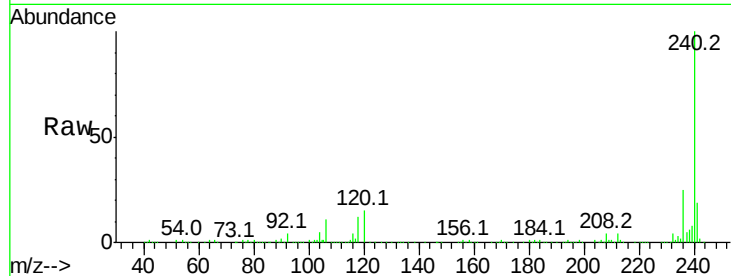
Tot Ion:240 Resp: 426570

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

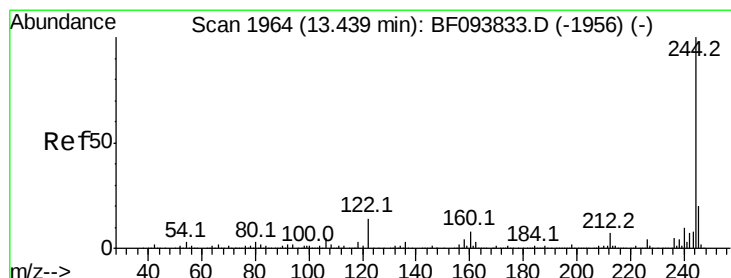
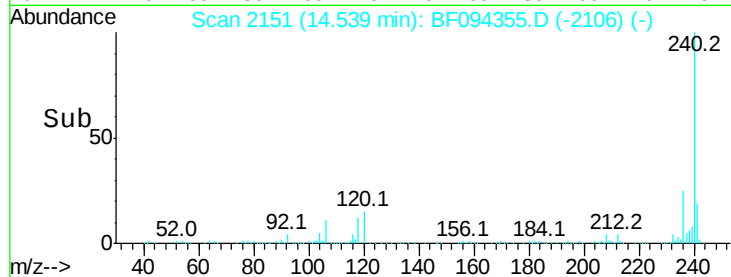
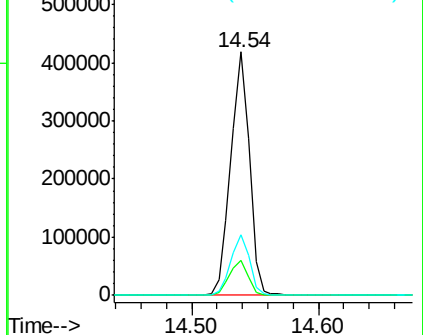
236 25.1 20.5 30.7



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: 70.19 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094355.D

Acq: 11 Apr 2017 17:34

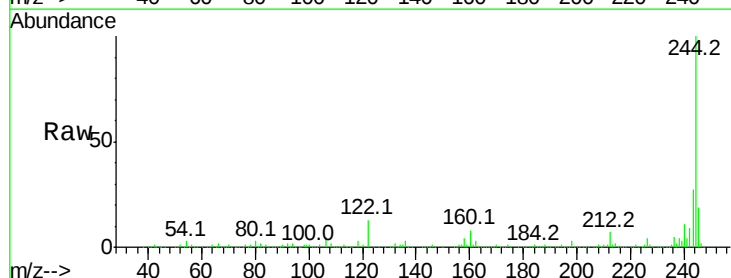
Tgt Ion:244 Resp: 1335723

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

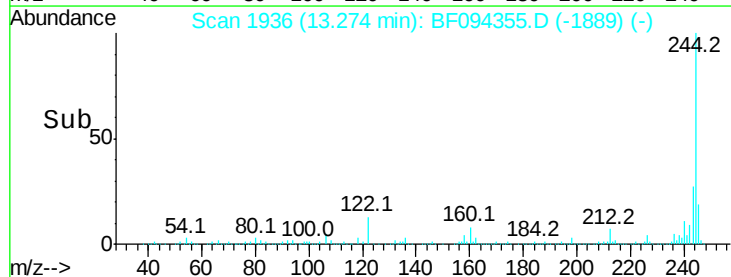
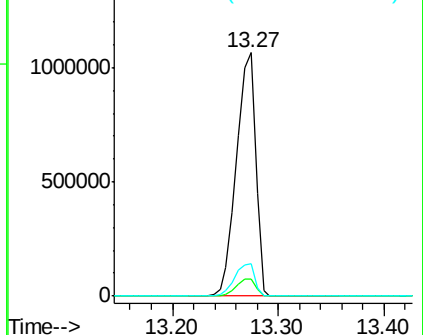
122 13.3 10.3 15.5

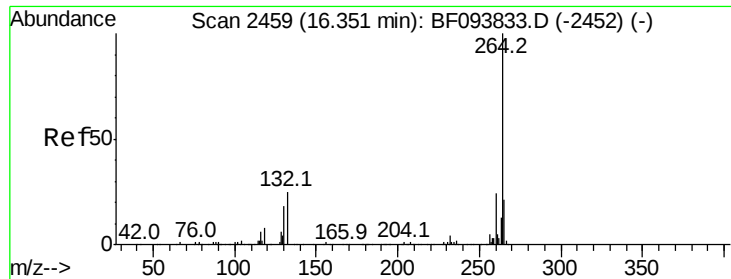


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2428
Delta R.T. -0.02 min
Lab File: BF094355.D
Acq: 11 Apr 2017 17:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8

