

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
 Data File : BF093980.D
 Acq On : 28 Mar 2017 8:52
 Operator : SJ/MA
 Sample : I2388-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 13:32:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

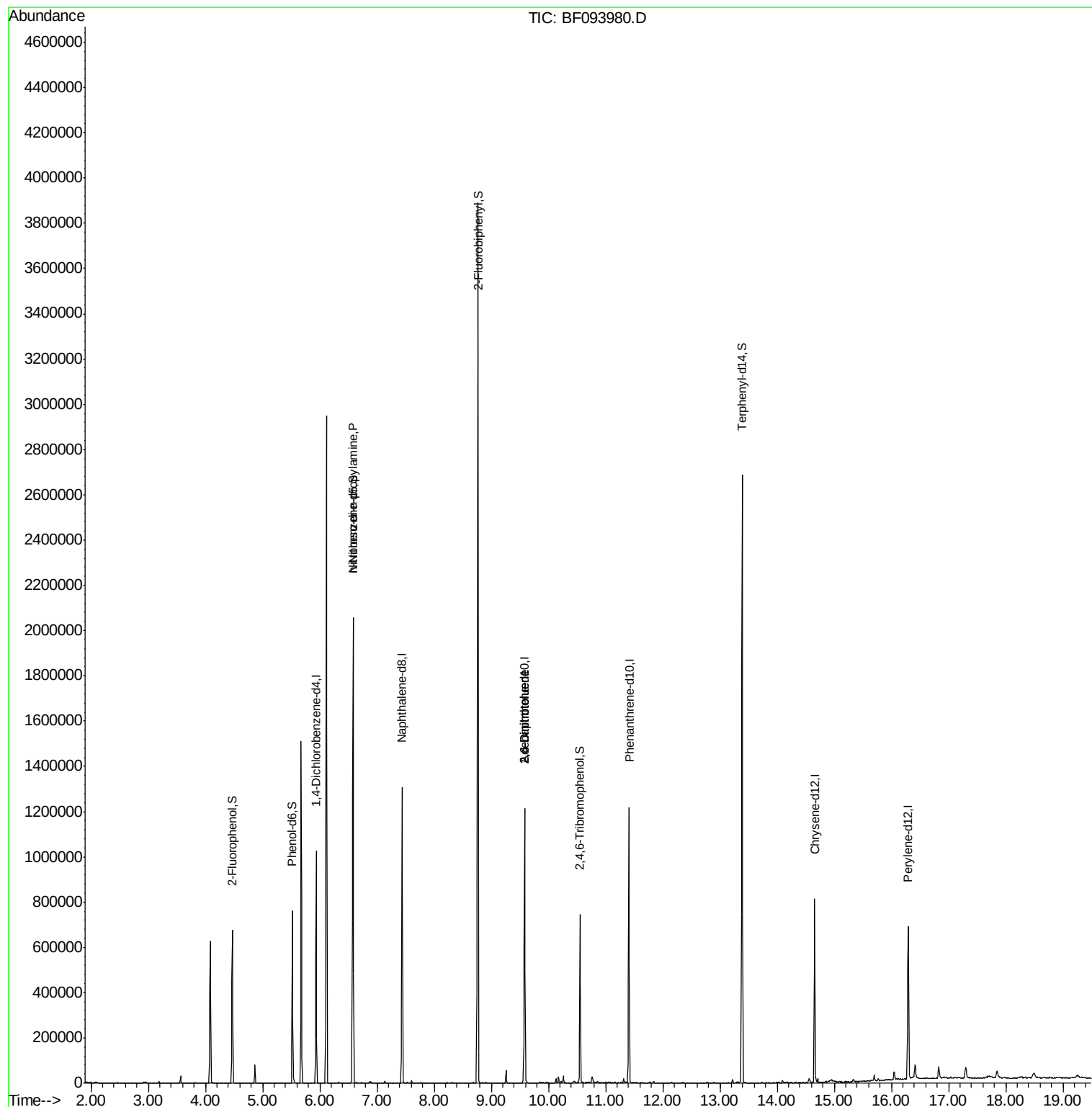
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	165389	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	665997	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	294554	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	476251	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	309055	20.00	ng	-0.02
86) Perylene-d12	16.29	264	272949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	174891	17.86	ng	0.00
7) Phenol-d6	5.52	99	247416	20.42	ng	-0.03
23) Nitrobenzene-d5	6.59	82	832067	71.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	81586	35.05	ng	-0.02
44) 2-Fluorobiphenyl	8.77	172	1537422	79.61	ng	-0.01
78) Terphenyl-d14	13.39	244	1006223	72.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	109832	14.11	ng	# 76
50) 2,6-Dinitrotoluene	9.58	165	38207	7.96	ng	# 33
56) 2,4-Dinitrotoluene	9.58	165	38206	6.34	ng	# 33

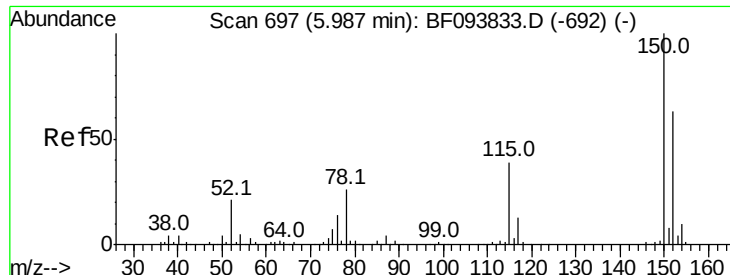
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF032717\
Data File : BF093980.D
Acq On : 28 Mar 2017 8:52
Operator : SJ/MA
Sample : I2388-01
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 28 13:32:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

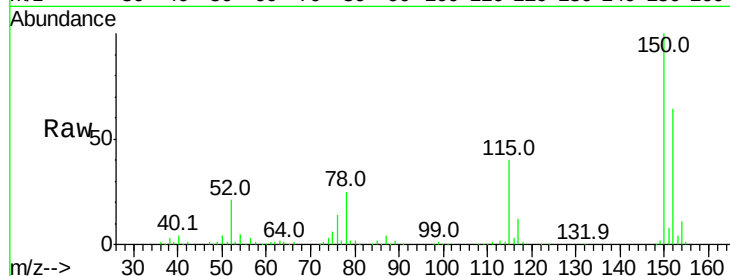
Tot Ion:152 Resp: 165389

Ion Ratio Lower Upper

152 100

150 155.6 126.2 189.2

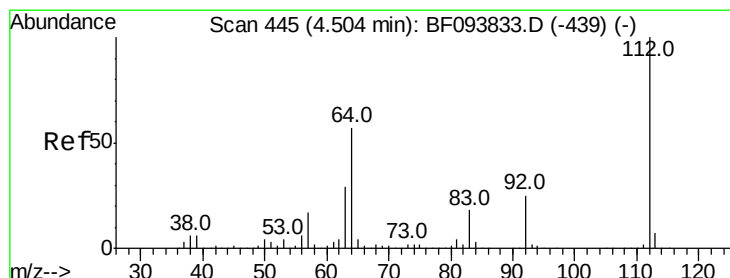
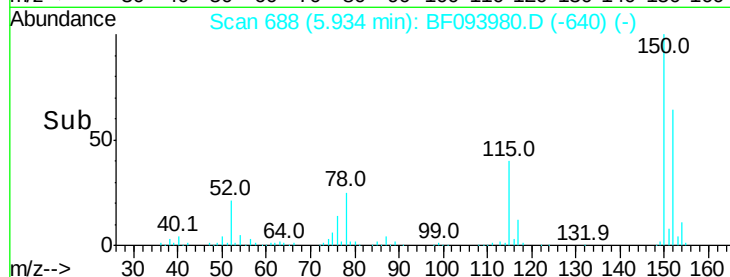
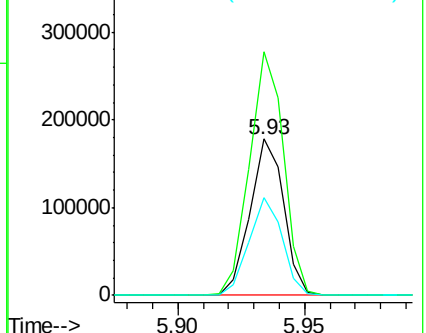
115 62.1 52.2 78.2



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: 17.86 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

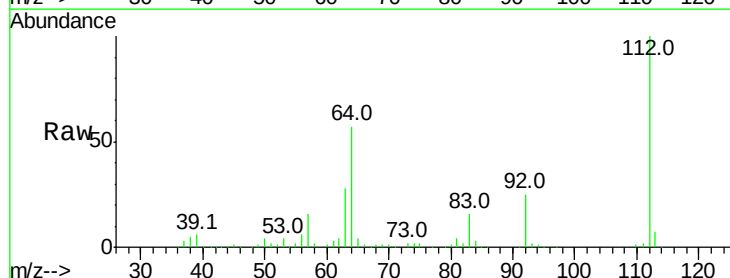
Tgt Ion:112 Resp: 174891

Ion Ratio Lower Upper

112 100

64 56.6 46.0 69.0

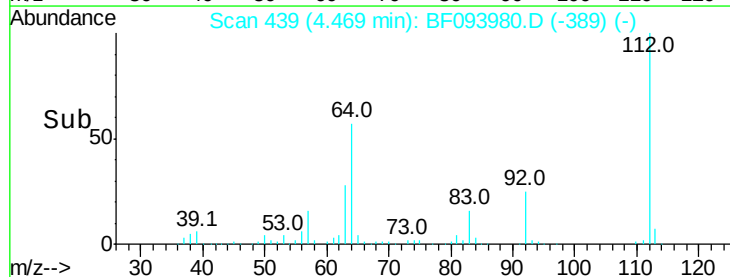
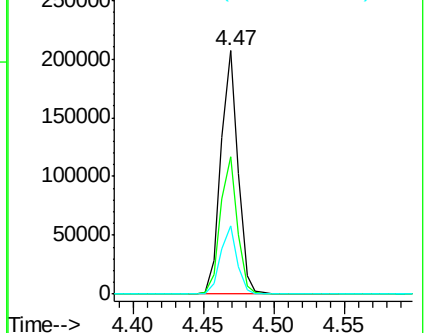
63 27.9 23.4 35.0

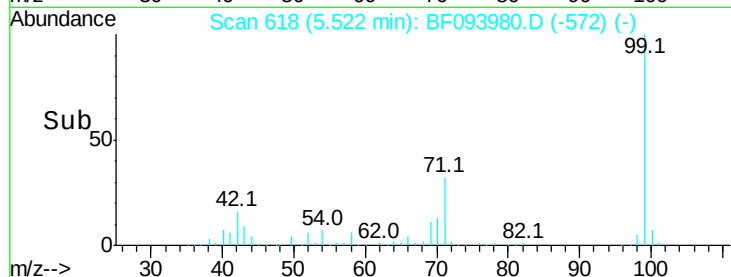
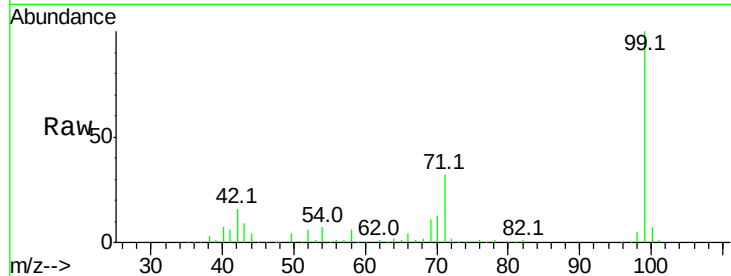
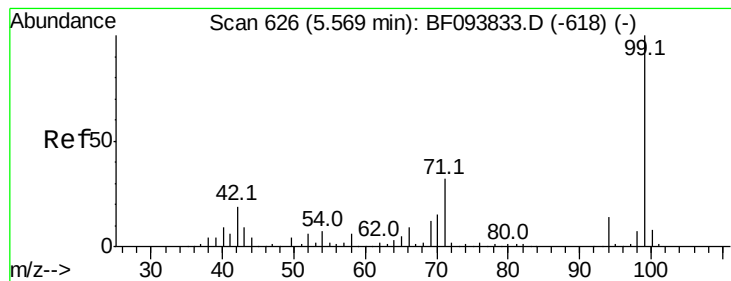


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.42 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

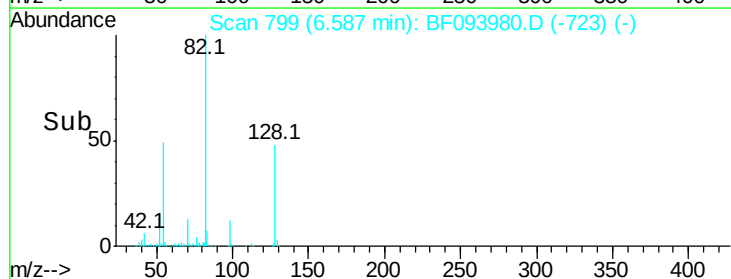
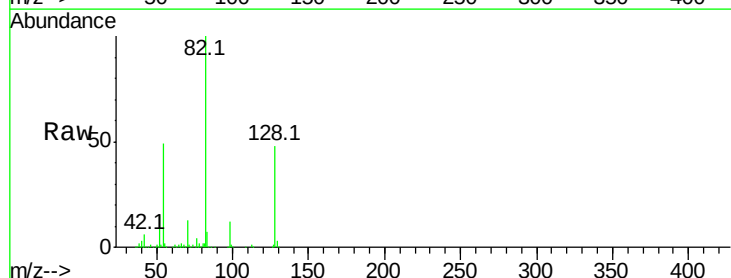
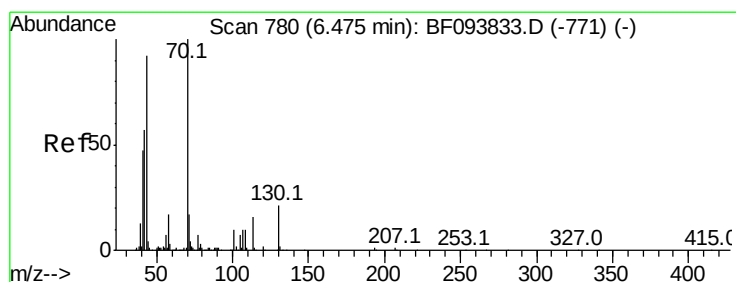
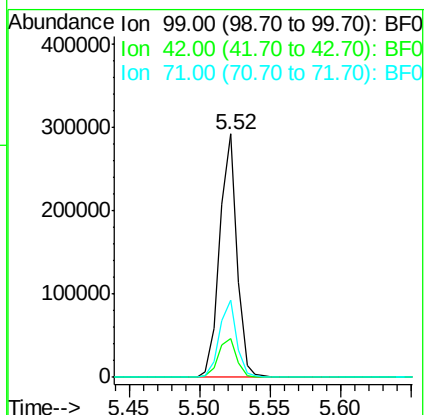
Tot Ion: 99 Resp: 247416

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

71 31.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.11 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Tgt Ion: 70 Resp: 109832

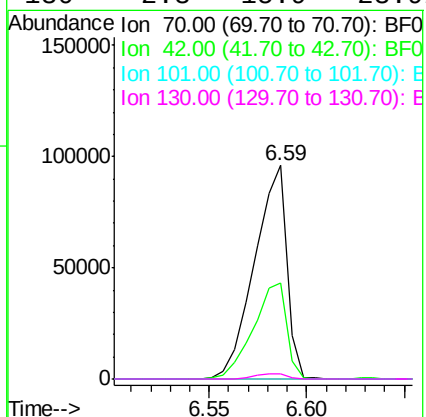
Ion Ratio Lower Upper

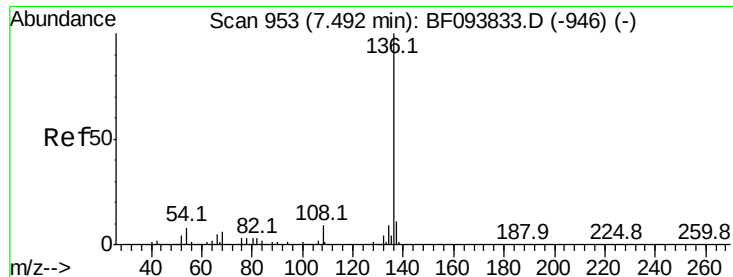
70 100

42 45.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

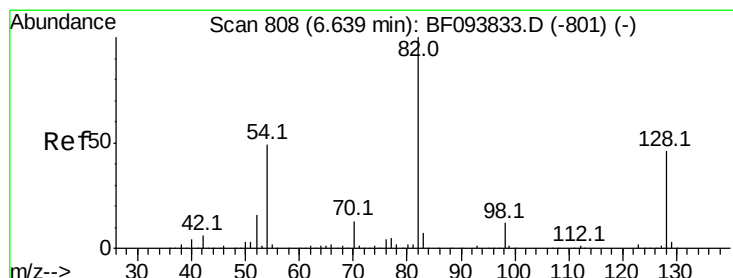
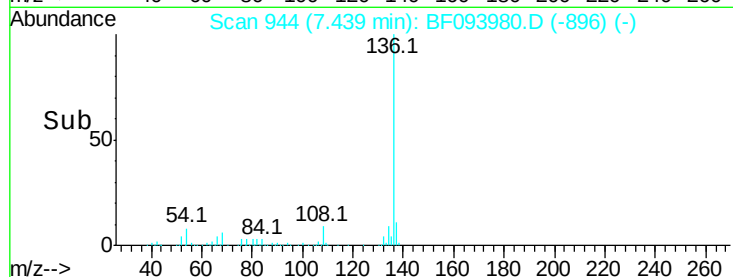
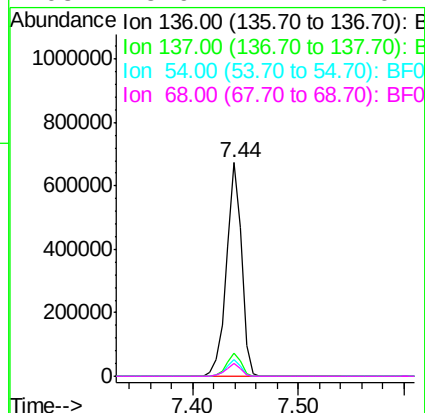
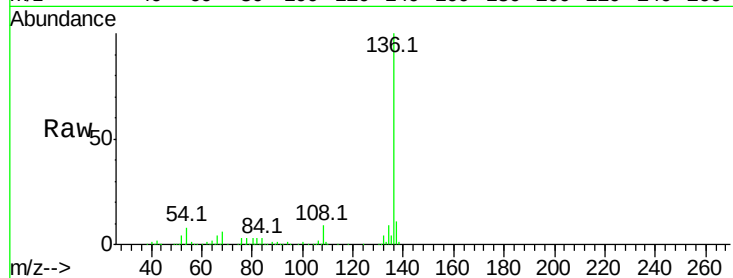




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093980.D
Acq: 28 Mar 2017 8:52

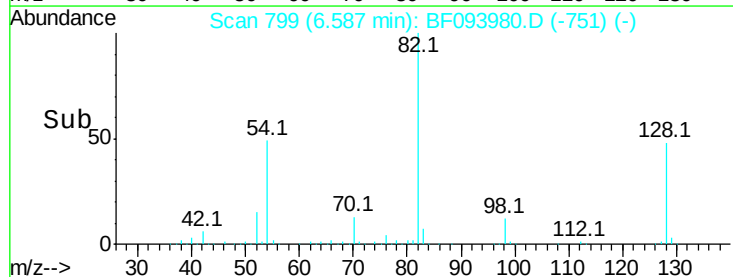
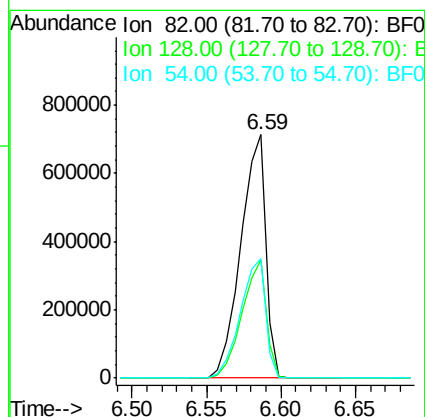
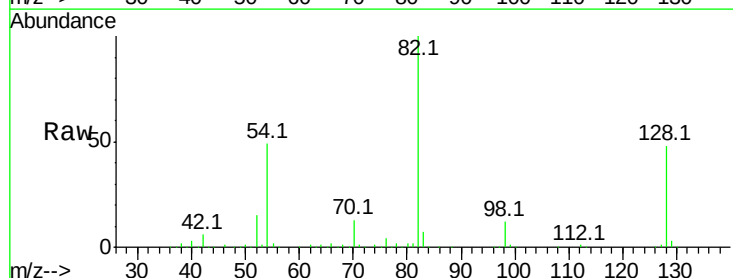
Instrument :
BNA_F
ClientSampleId :

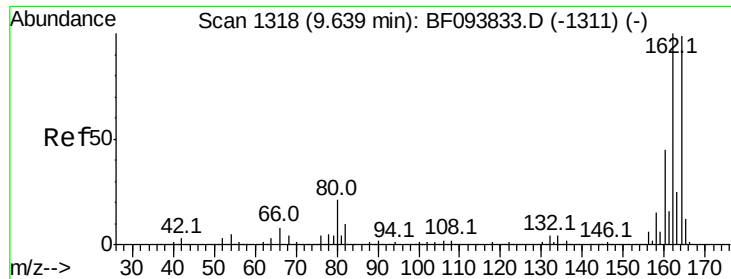
Tot Ion:136	Resp: 665997
Ion Ratio	Lower Upper
136 100	
137 11.0	8.5 12.7
54 7.5	4.9 7.3#
68 5.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 71.30 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093980.D
Acq: 28 Mar 2017 8:52

Tgt Ion: 82	Resp: 832067
Ion Ratio	Lower Upper
82 100	
128 48.5	34.0 51.0
54 49.1	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

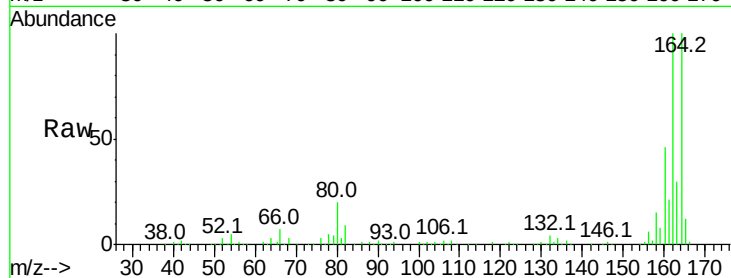
Tot Ion:164 Resp: 294554

Ion Ratio Lower Upper

164 100

162 99.8 82.6 123.8

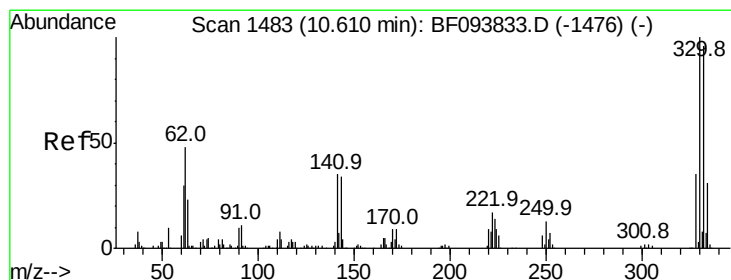
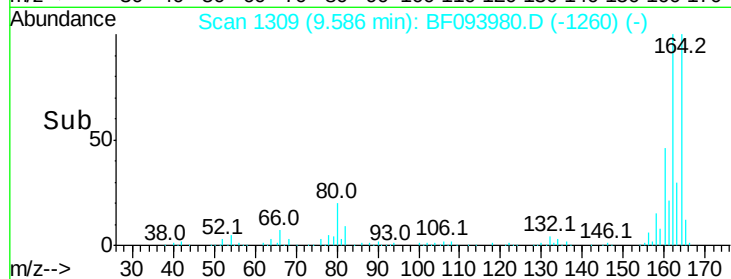
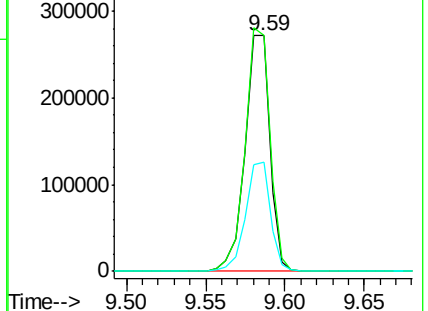
160 46.2 36.2 54.2



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: 35.05 ng

RT: 10.55 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

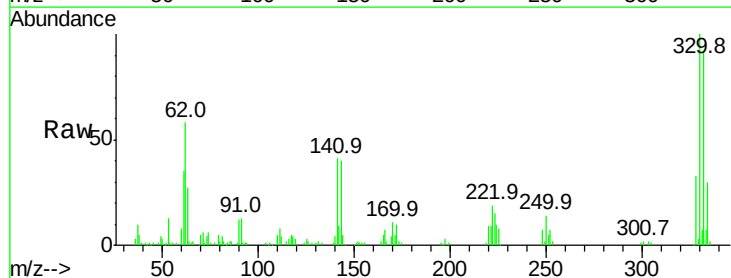
Tgt Ion:330 Resp: 81586

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

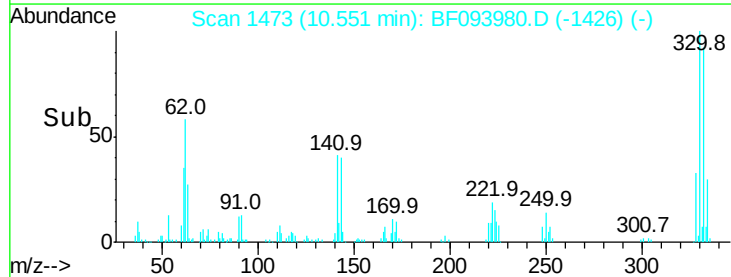
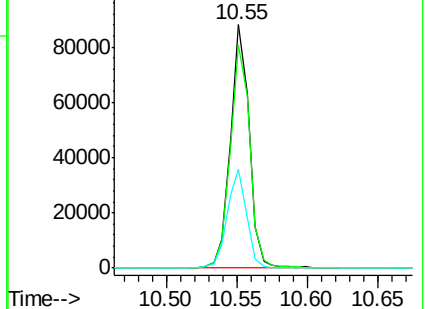
141 41.2 31.4 47.2

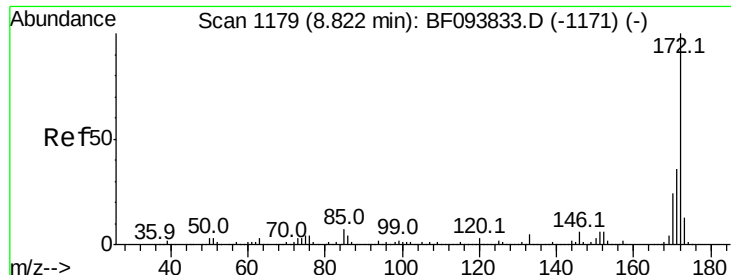


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



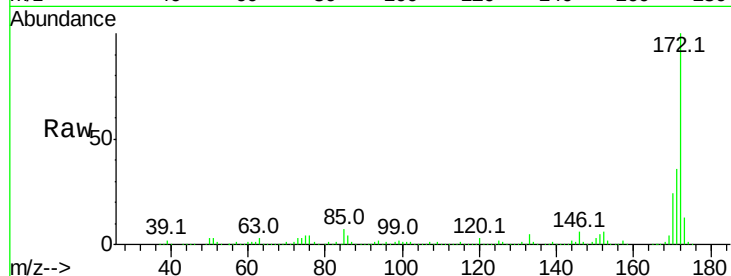


#44
 2-Fluorobiphenyl
 Concen: 79.61 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093980.D
 Acq: 28 Mar 2017 8:52

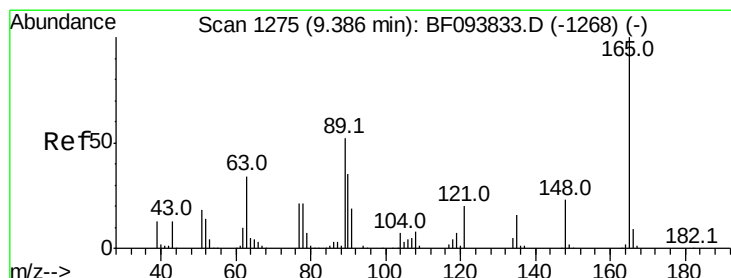
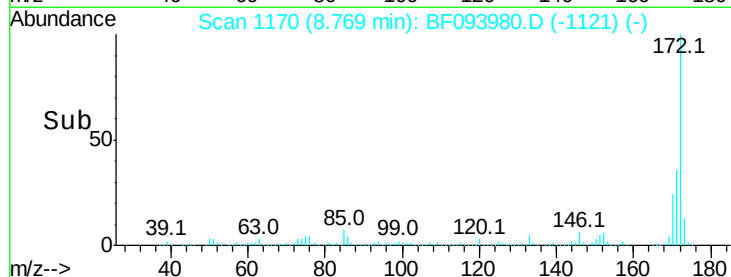
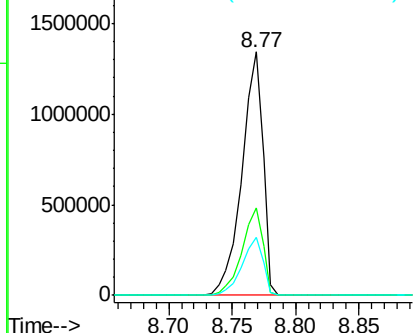
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1537422

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8



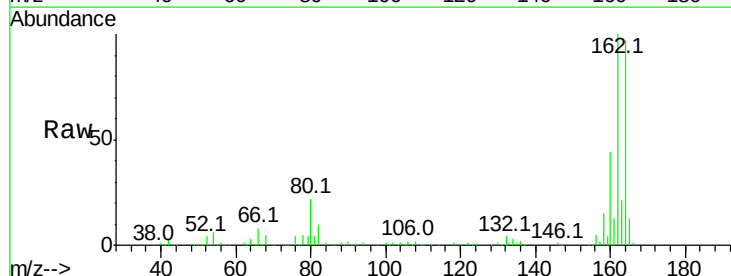
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



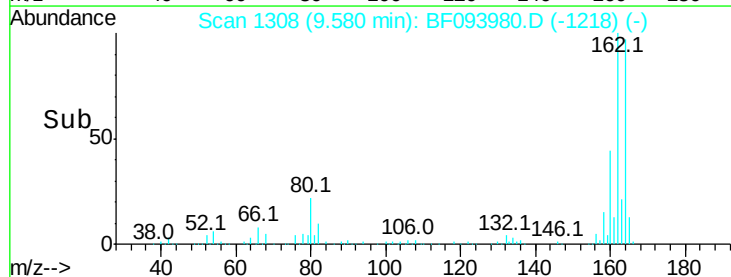
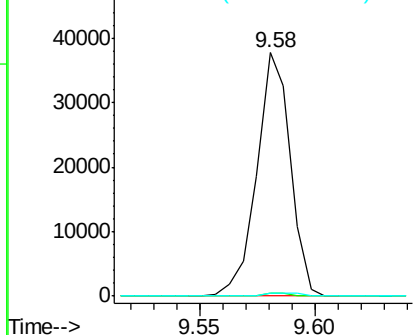
#50
 2,6-Dinitrotoluene
 Concen: 7.96 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. 0.23 min
 Lab File: BF093980.D
 Acq: 28 Mar 2017 8:52

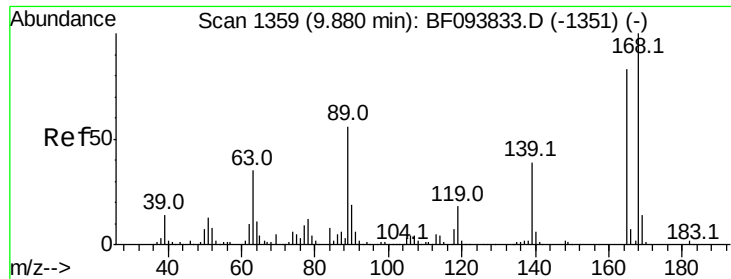
Tgt Ion:165 Resp: 38207

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	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

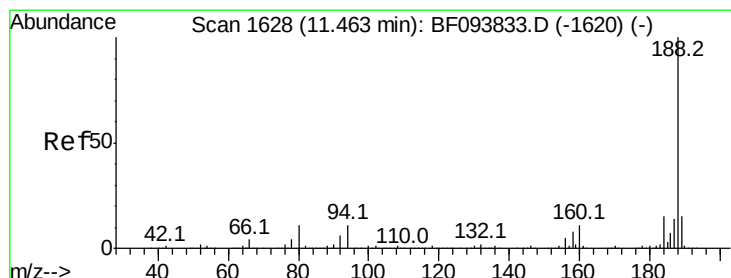
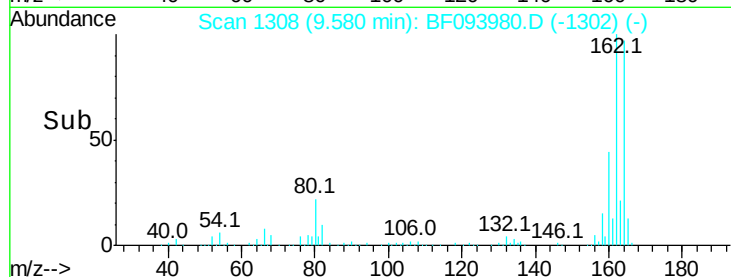
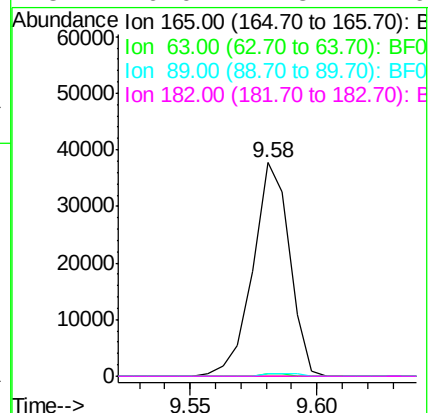
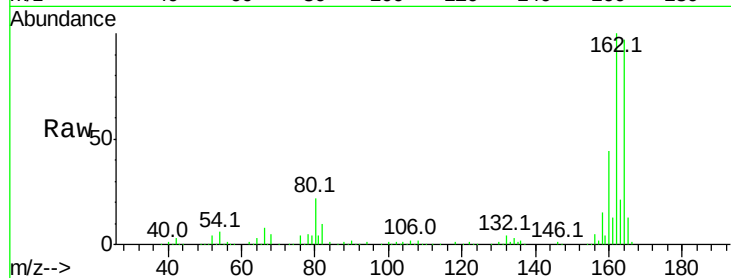




#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.26 min
 Lab File: BF093980.D
 Acq: 28 Mar 2017 8:52

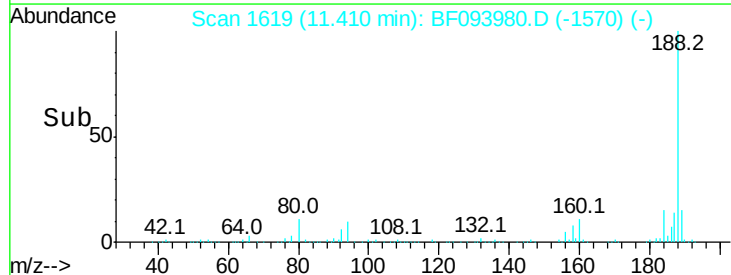
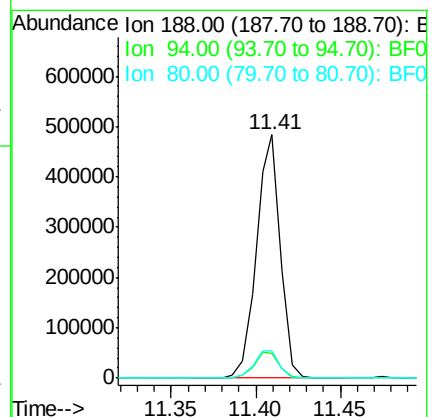
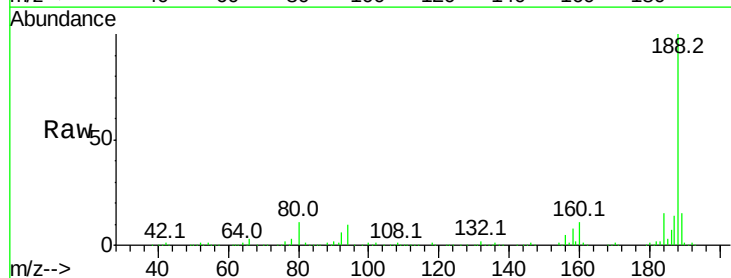
Instrument :
 BNA_F
 ClientSampleId :

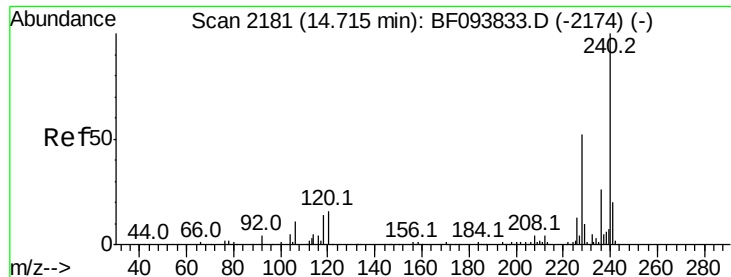
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	1.1	25.4	38.0#	
89	1.4	46.4	69.6#	
182	0.0	1.8	2.6#	



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093980.D
 Acq: 28 Mar 2017 8:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	9.4	14.2	
80	11.4	10.2	15.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

Instrument :

BNA_F

ClientSampleId :

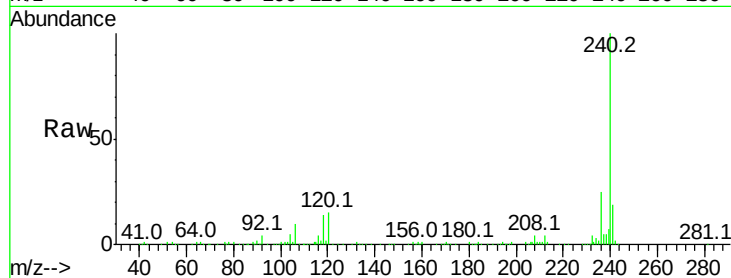
Tot Ion:240 Resp: 309055

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

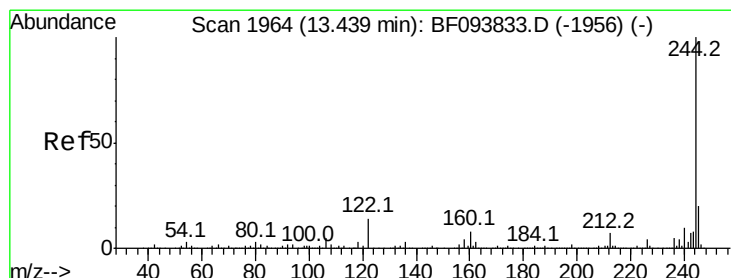
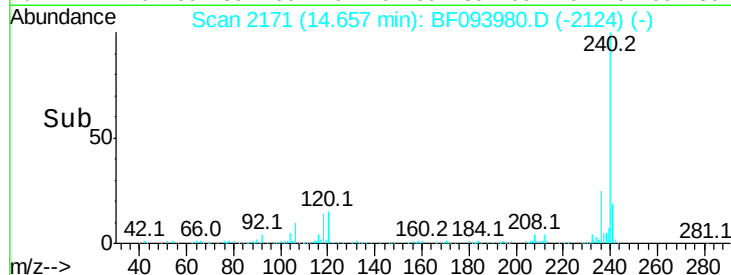
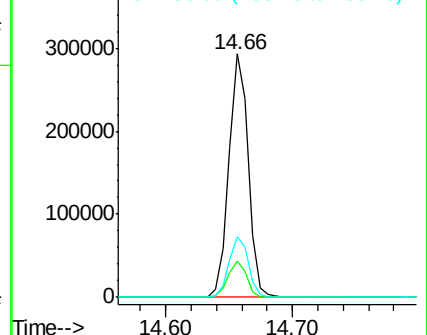
236 25.0 20.5 30.7



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: 72.98 ng

RT: 13.39 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BF093980.D

Acq: 28 Mar 2017 8:52

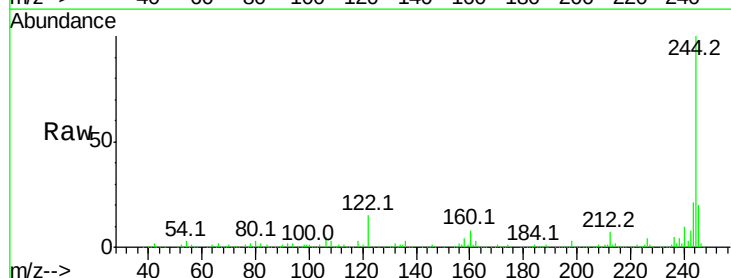
Tgt Ion:244 Resp: 1006223

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

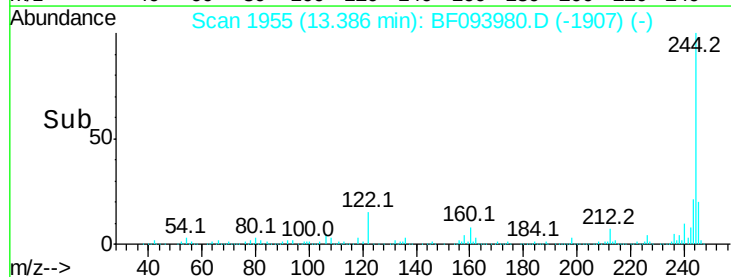
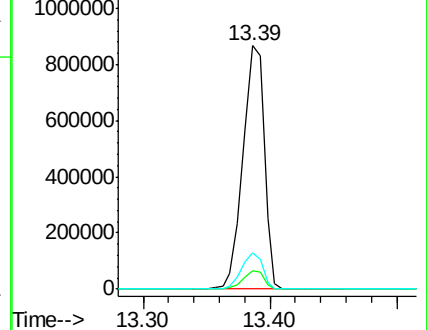
122 15.1 10.3 15.5

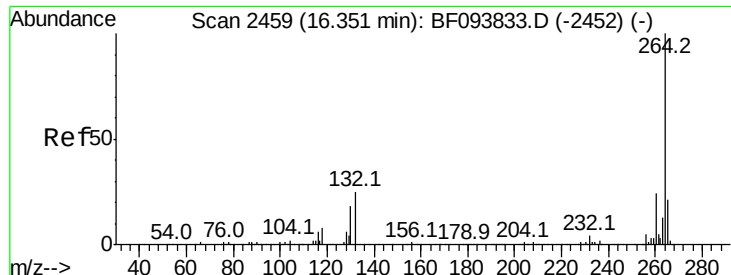


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.29 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BF093980.D
Acq: 28 Mar 2017 8:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.0	17.2	25.8

