

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093999.D
 Acq On : 28 Mar 2017 18:17
 Operator : SJ/MA
 Sample : PB97859BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 29 02:36:47 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

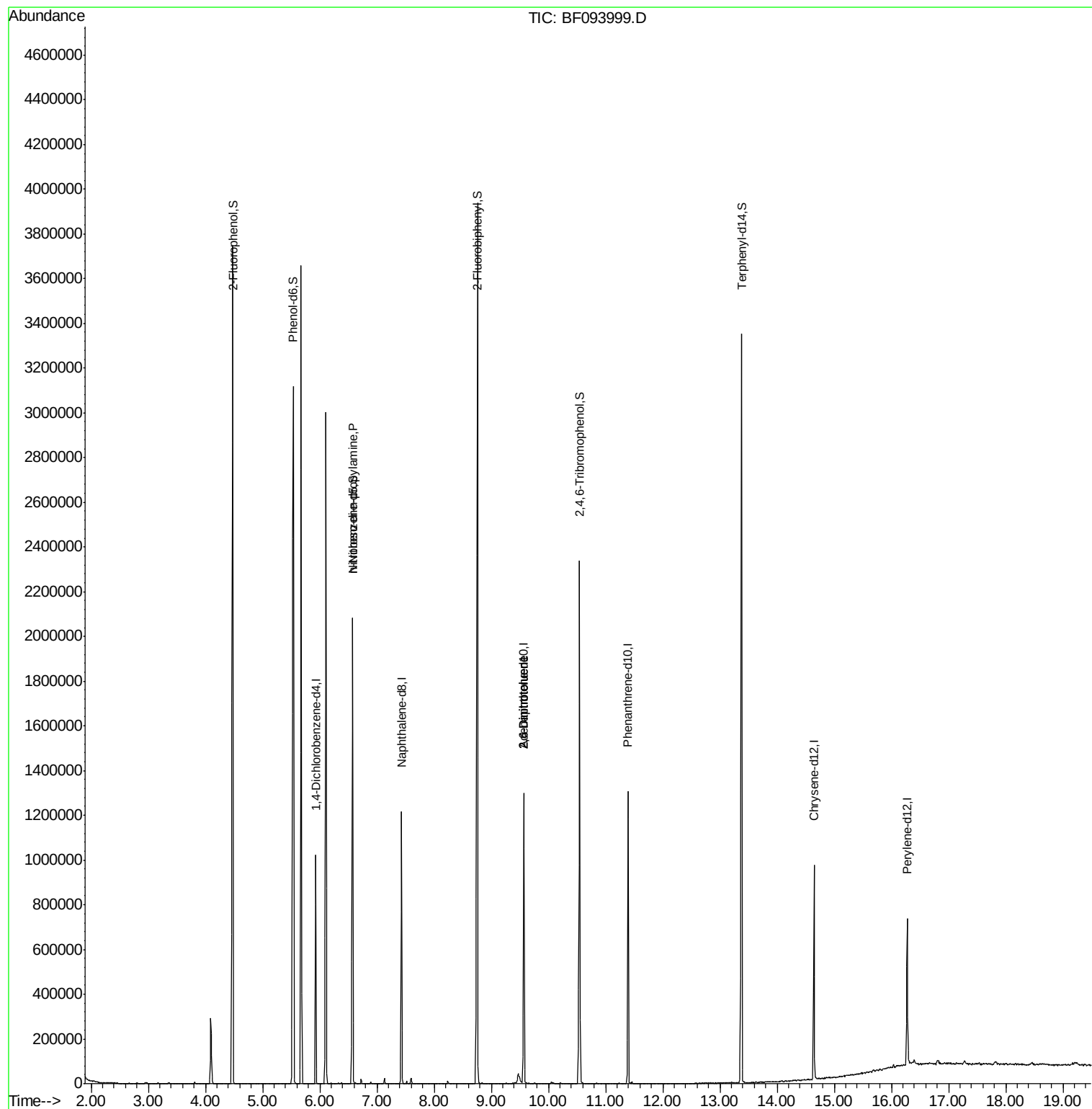
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	164015	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	661361	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	304645	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	536746	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	369881	20.00	ng	-0.04
86) Perylene-d12	16.27	264	271256	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1203426	123.93	ng	0.00
7) Phenol-d6	5.53	99	1510165	125.71	ng	-0.02
23) Nitrobenzene-d5	6.57	82	940609	81.16	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	336955	139.97	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1744470	87.34	ng	-0.02
78) Terphenyl-d14	13.38	244	1377256	83.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	124538	16.13	ng	# 78
50) 2,6-Dinitrotoluene	9.57	165	39660	7.99	ng	# 33
56) 2,4-Dinitrotoluene	9.57	165	39661	6.36	ng	# 33

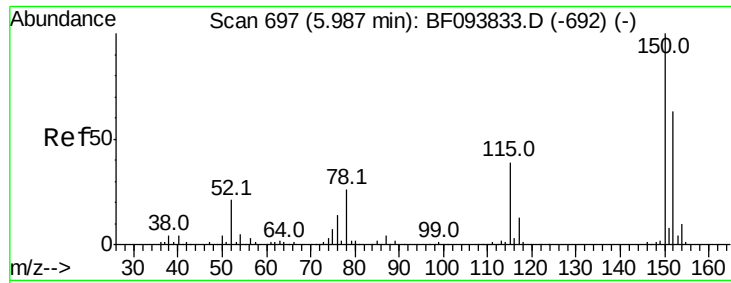
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF093999.D
Acq On : 28 Mar 2017 18:17
Operator : SJ/MA
Sample : PB97859BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 02:36:47 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



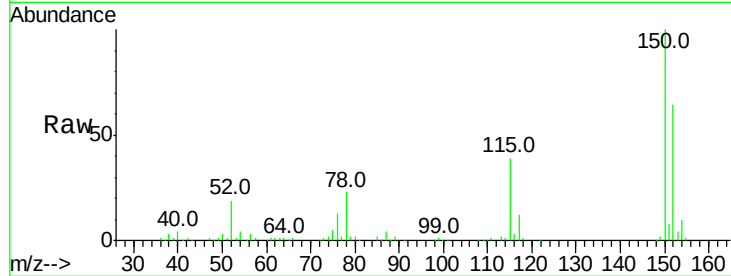


#1

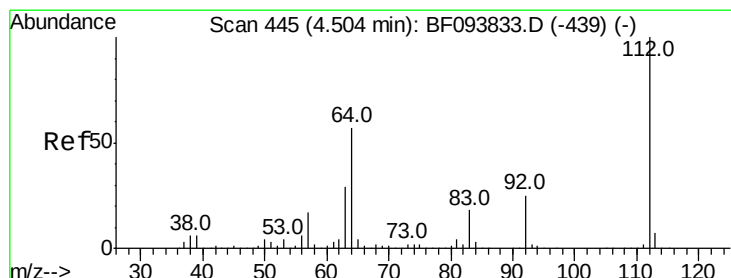
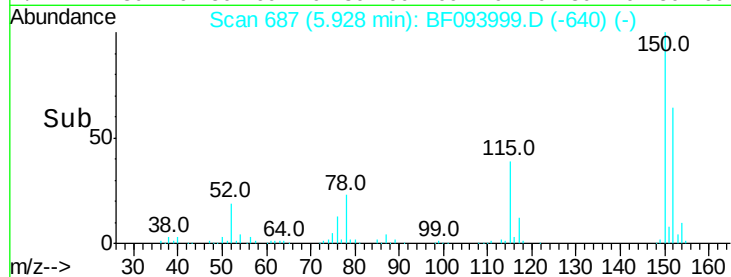
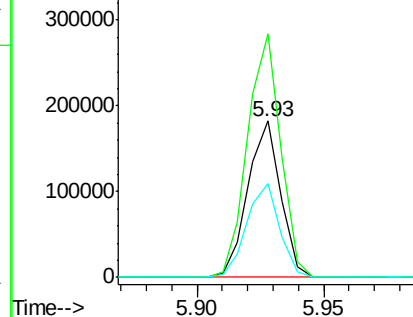
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093999.D
Acq: 28 Mar 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164015
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 60.2 52.2 78.2



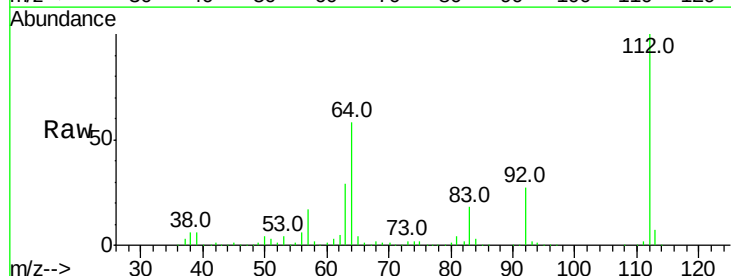
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



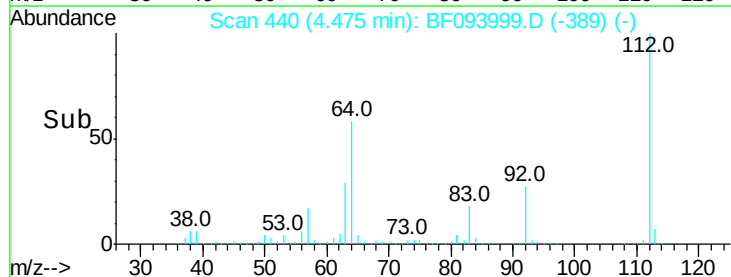
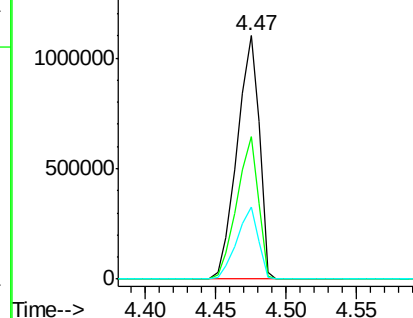
#5

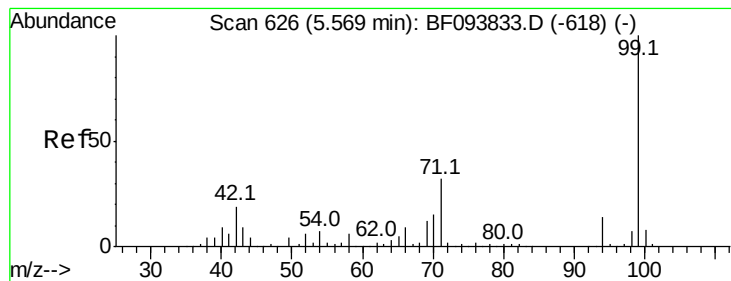
2-Fluorophenol
Concen: 123.93 ng
RT: 4.47 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093999.D
Acq: 28 Mar 2017 18:17

Tgt Ion:112 Resp: 1203426
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.4 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: 125.71 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

ClientSampleId :

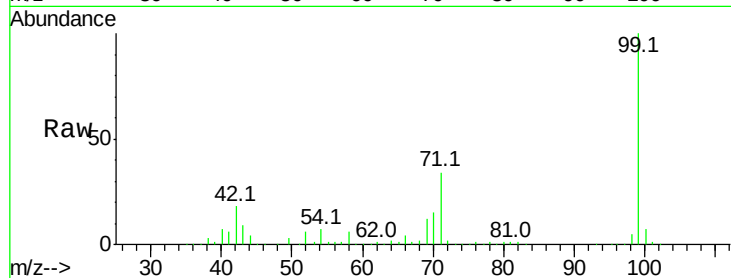
Tot Ion: 99 Resp: 1510165

Ion Ratio Lower Upper

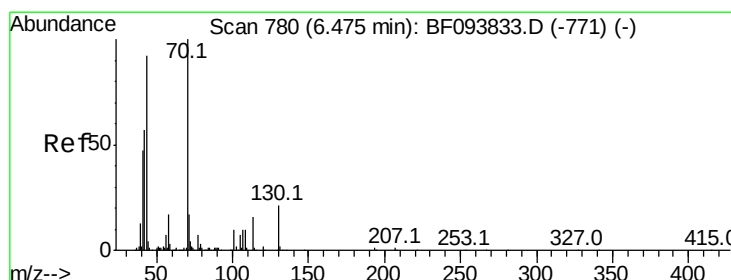
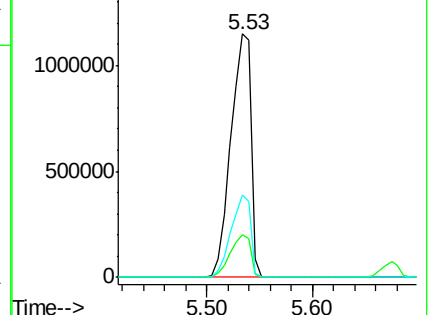
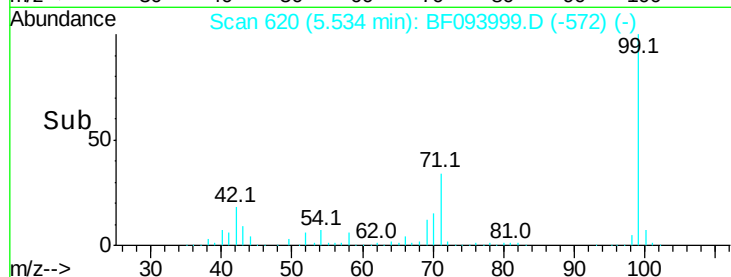
99 100

42 17.7 13.5 20.3

71 33.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.13 ng

RT: 6.57 min Scan# 797

Delta R.T. 0.14 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Tgt Ion: 70 Resp: 124538

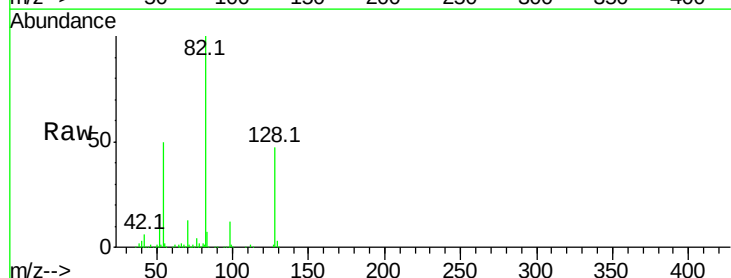
Ion Ratio Lower Upper

70 100

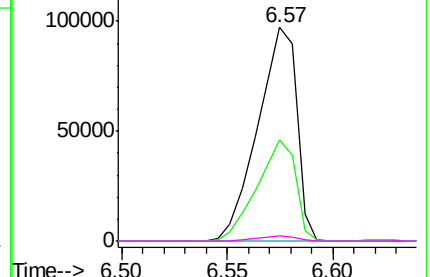
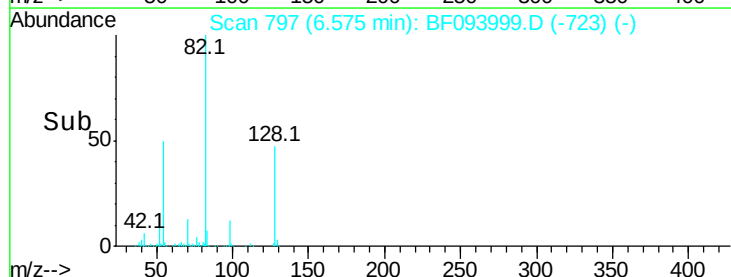
42 47.2 47.2 70.8#

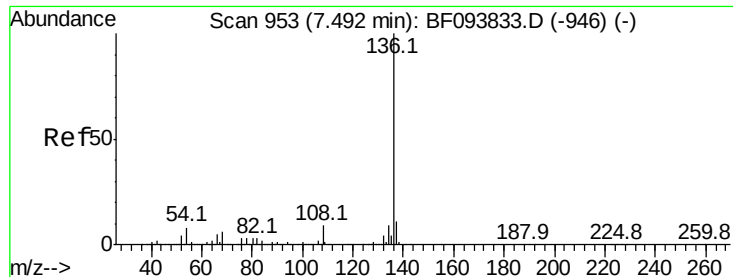
101 0.0 7.2 10.8#

130 2.5 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

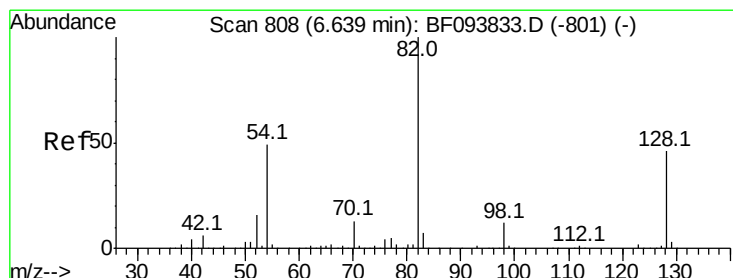
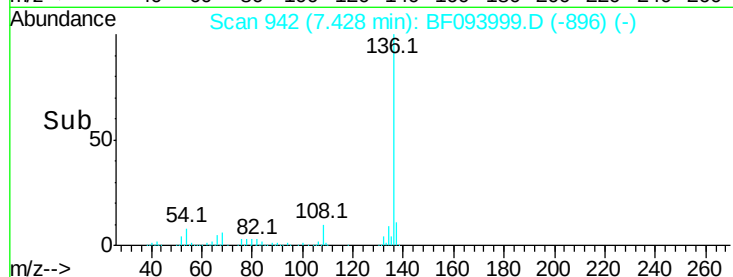
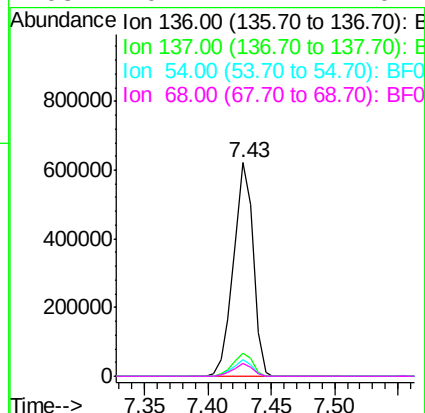
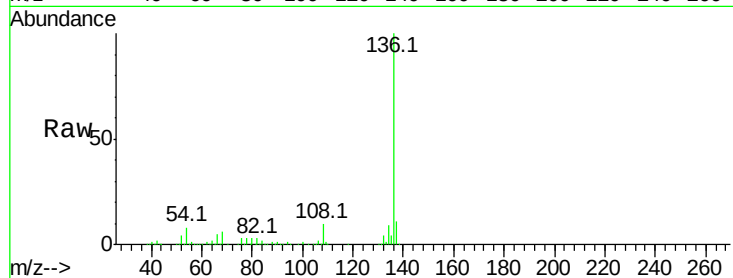




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF093999.D
Acq: 28 Mar 2017 18:17

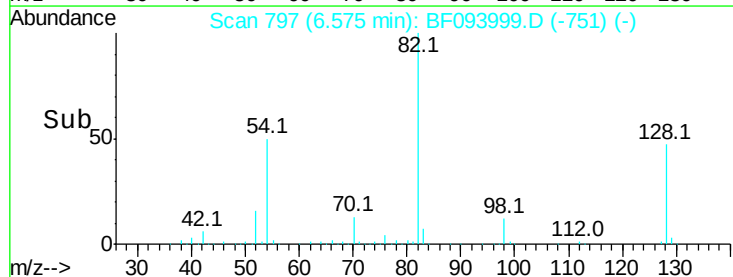
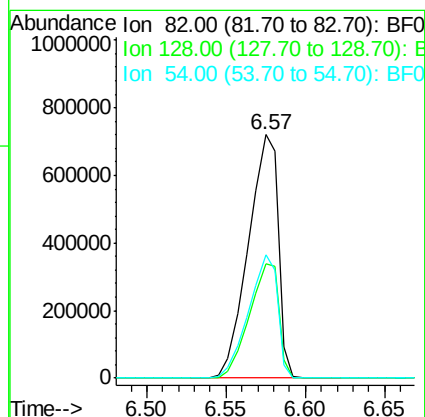
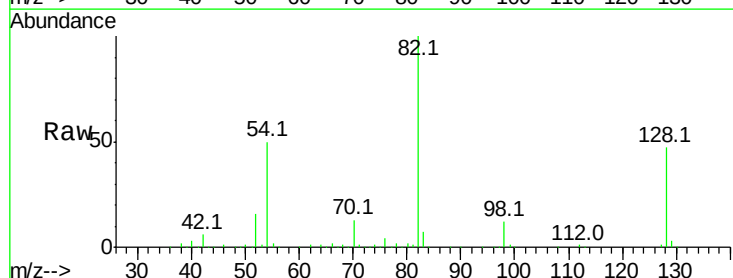
Instrument :
BNA_F
ClientSampleId :

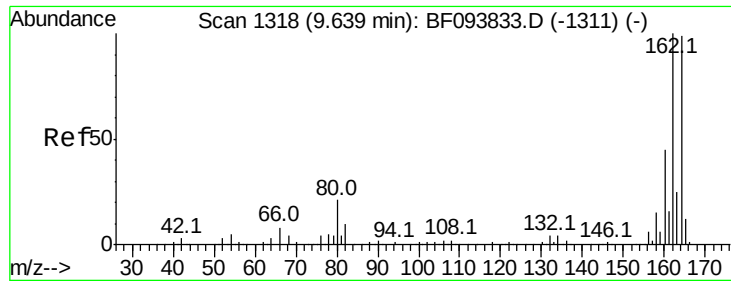
Tot Ion:	136	Resp:	661361
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 81.16 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF093999.D
Acq: 28 Mar 2017 18:17

Tgt Ion:	82	Resp:	940609
Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	50.4	42.2	63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

ClientSampleId :

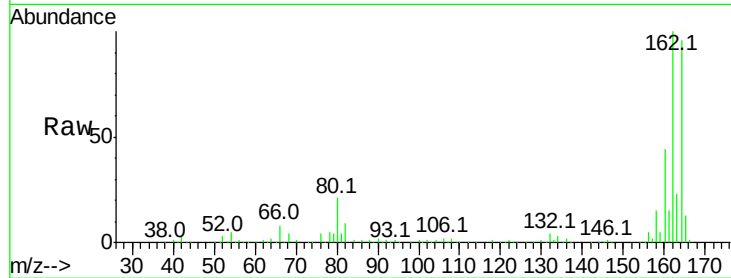
Tot Ion:164 Resp: 304645

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

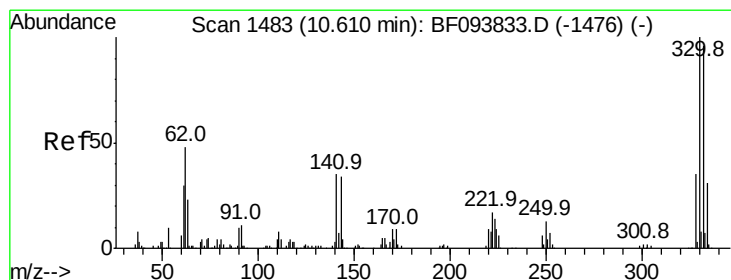
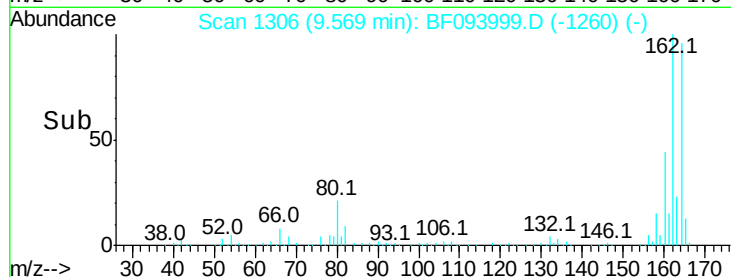
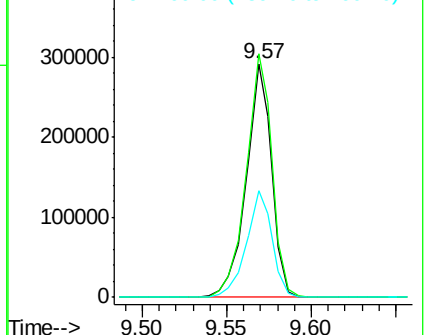
160 45.6 36.2 54.2



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: 139.97 ng

RT: 10.55 min Scan# 1472

Delta R.T. -0.03 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

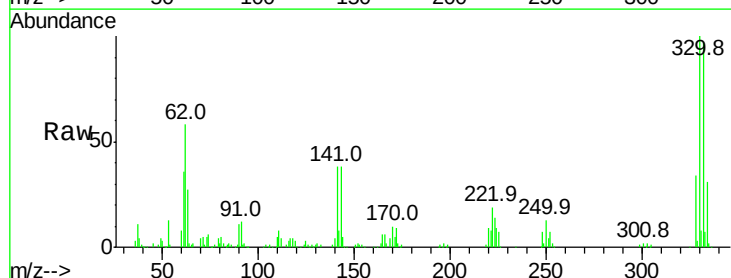
Tgt Ion:330 Resp: 336955

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

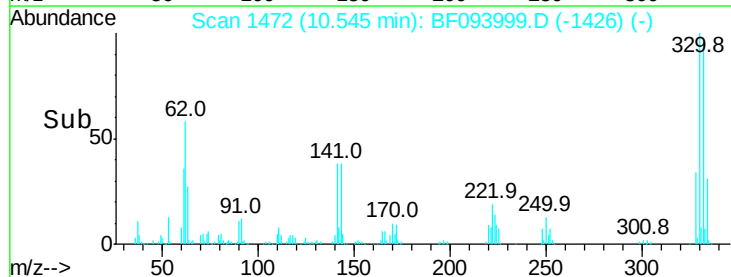
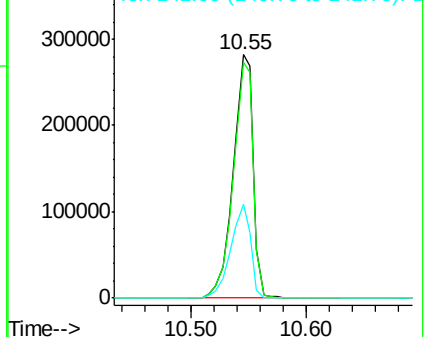
141 38.4 31.4 47.2

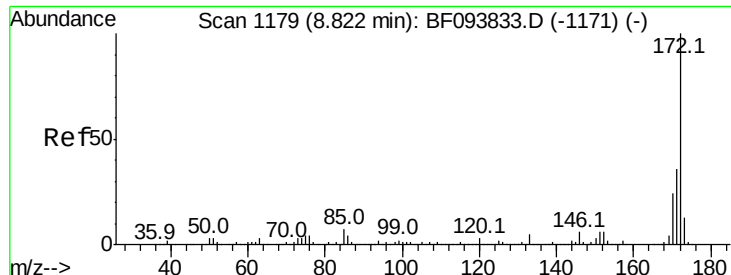


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



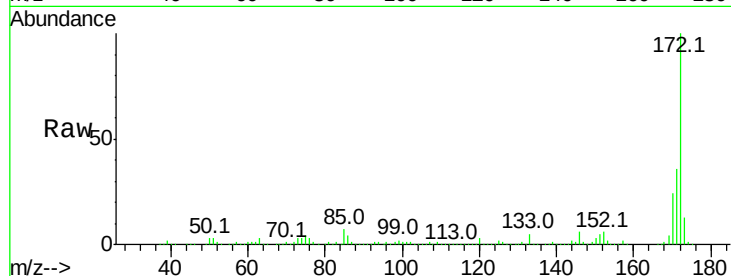


#44
 2-Fluorobiphenyl
 Concen: 87.34 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

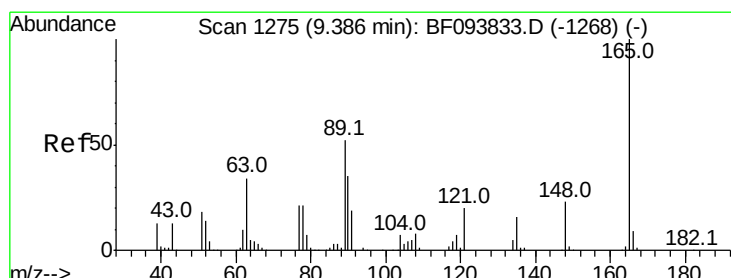
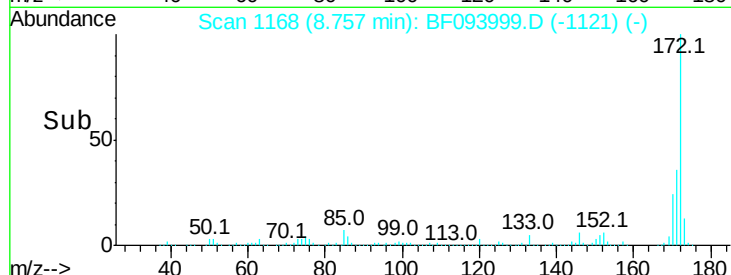
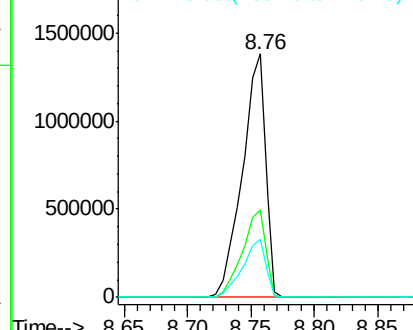
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1744470

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.8	29.8



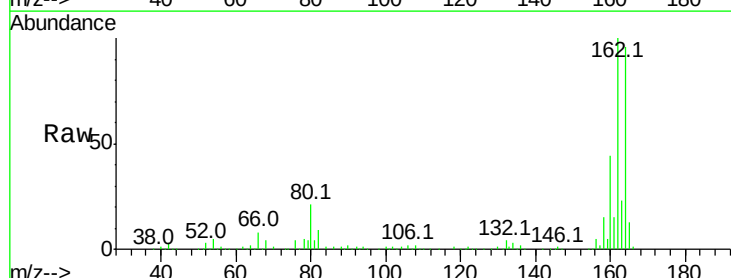
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



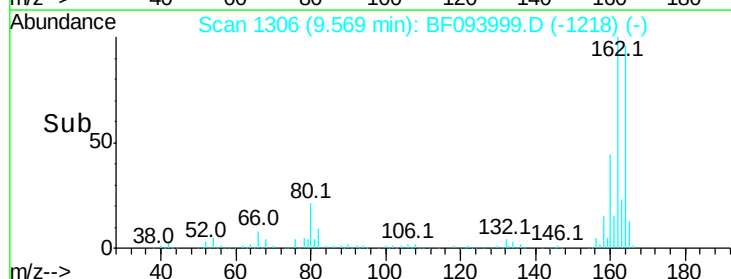
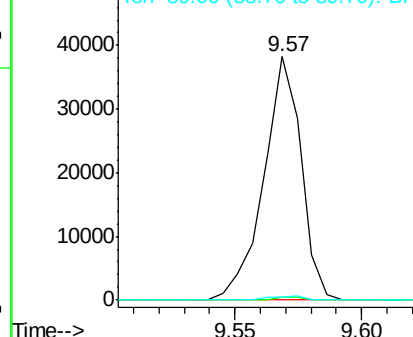
#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. 0.22 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

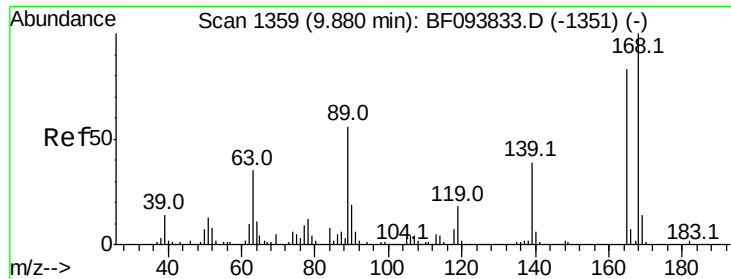
Tgt Ion:165 Resp: 39660

Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.3	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

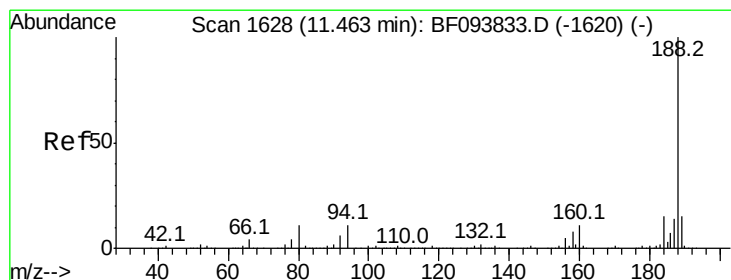
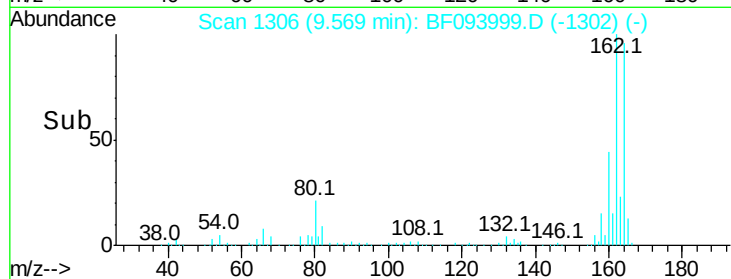
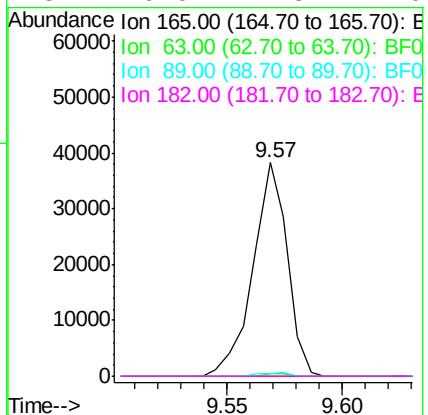
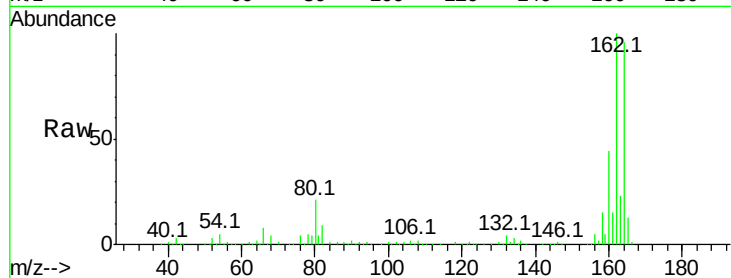




#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.28 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

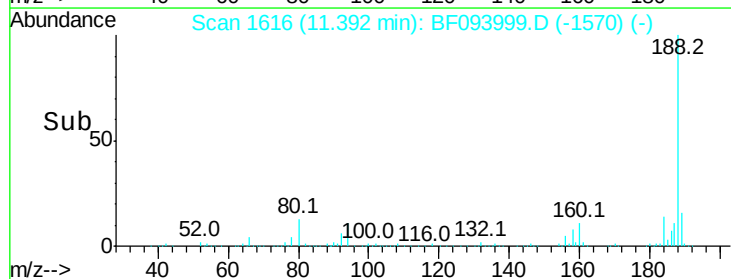
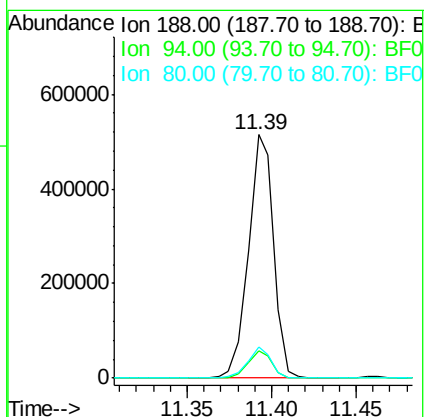
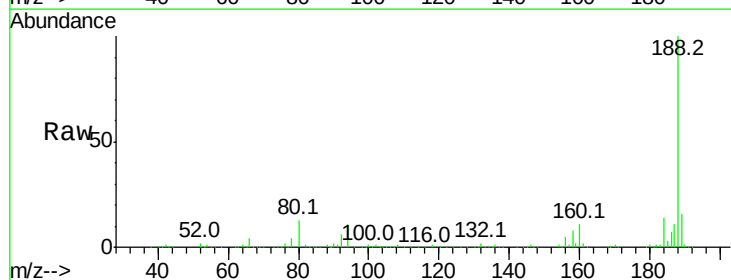
Instrument :
 BNA_F
 ClientSampleId :

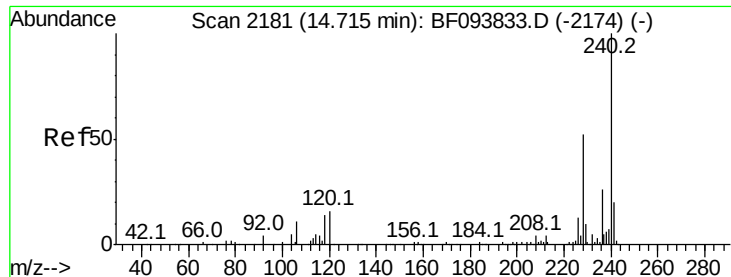
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BF093999.D
 Acq: 28 Mar 2017 18:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.8	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

Instrument :

BNA_F

ClientSampleId :

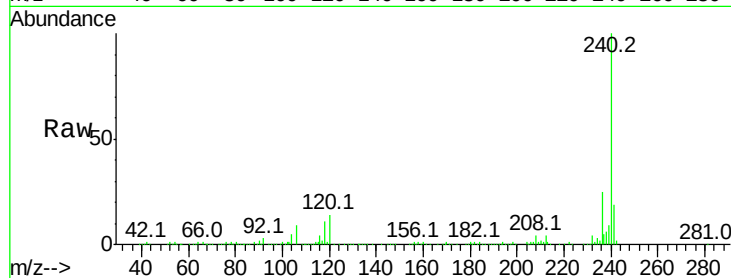
Tot Ion:240 Resp: 369881

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

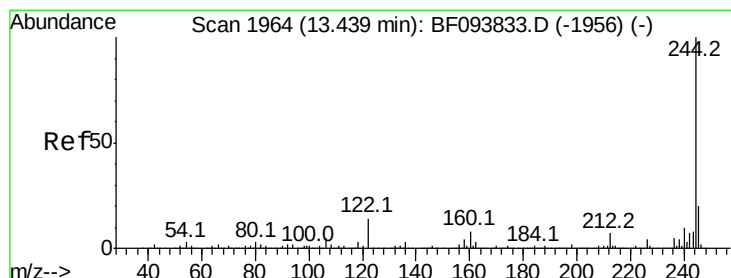
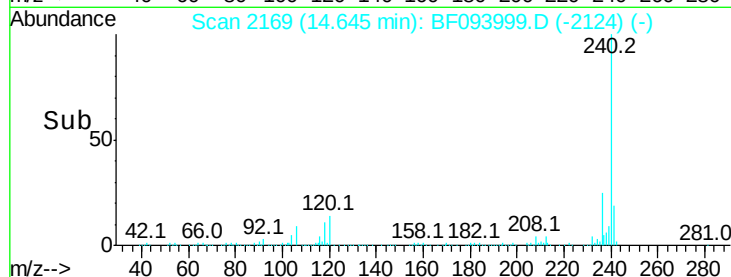
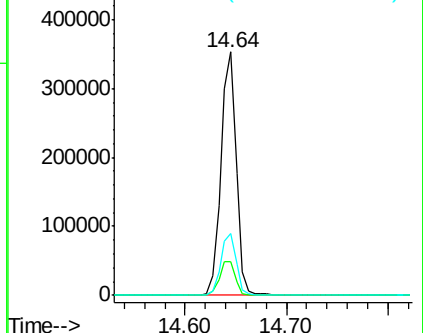
236 25.2 20.5 30.7



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: 83.46 ng

RT: 13.38 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BF093999.D

Acq: 28 Mar 2017 18:17

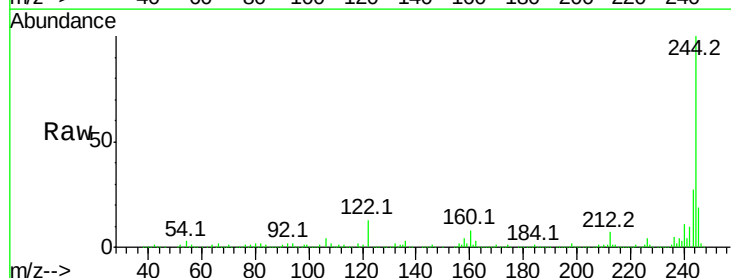
Tgt Ion:244 Resp: 1377256

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

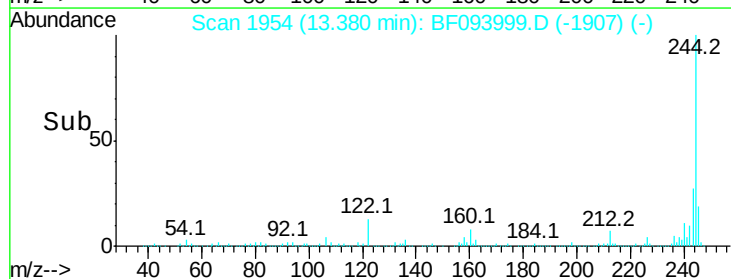
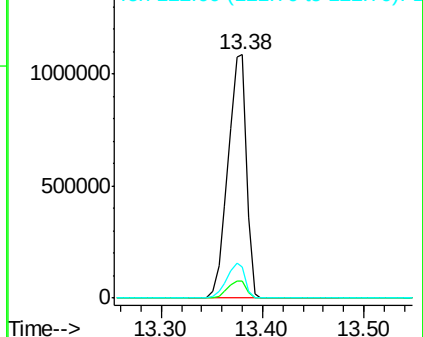
122 13.0 10.3 15.5

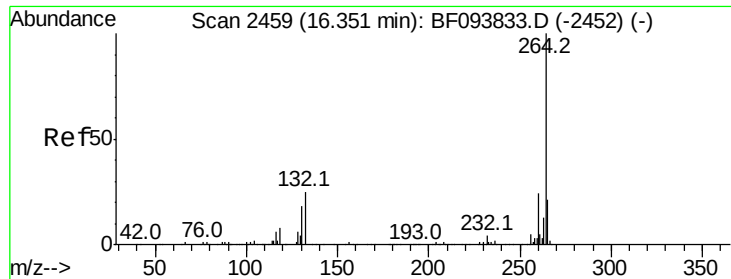


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.27 min Scan# 2446
Delta R.T. -0.04 min
Lab File: BF093999.D
Acq: 28 Mar 2017 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.2	25.8

