

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032317\
 Data File : BF093880.D
 Acq On : 23 Mar 2017 15:50
 Operator : SJ/MA
 Sample : PB97768TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97768TB

Quant Time: Mar 24 01:04:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

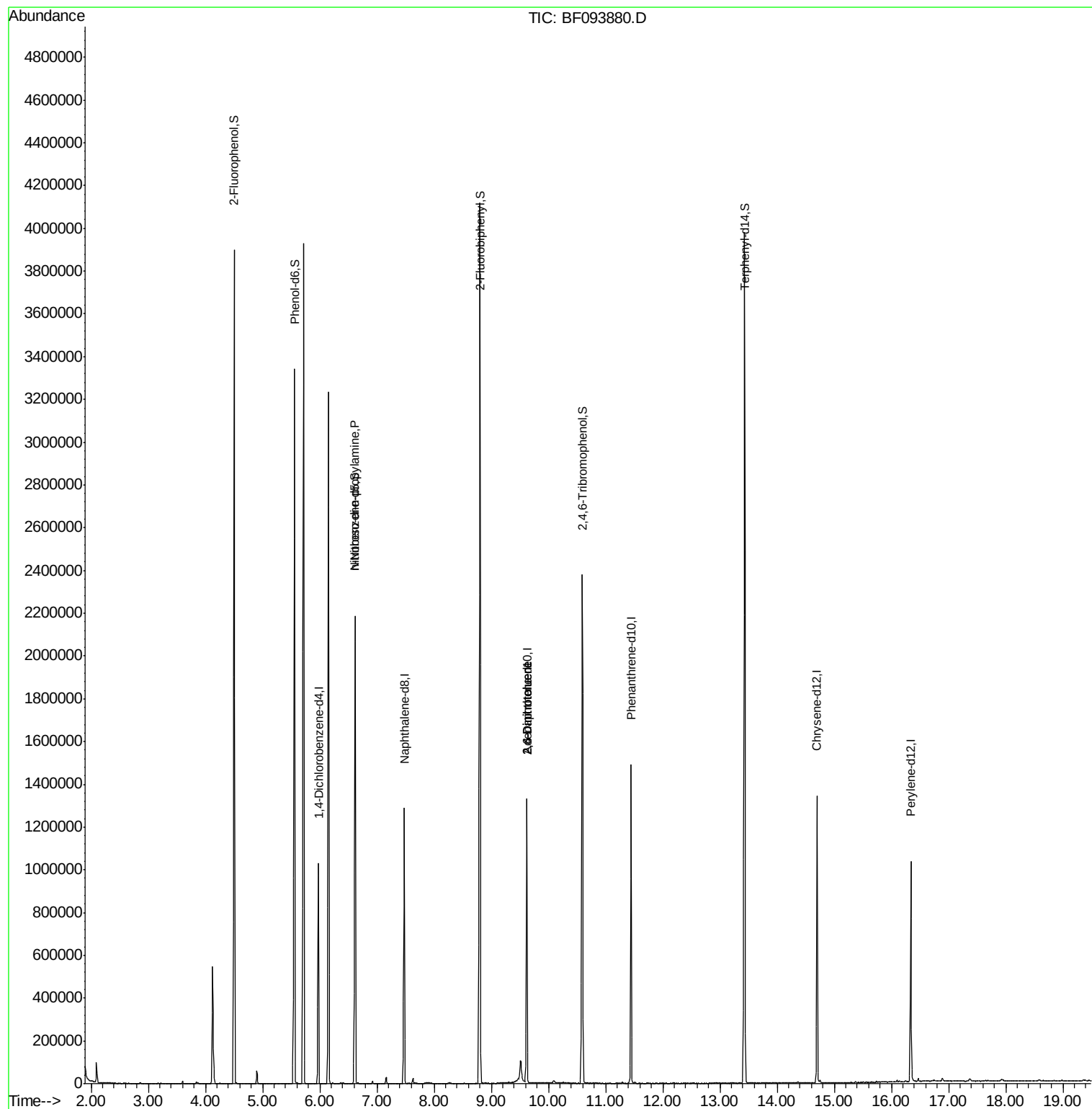
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	171208	20.00	ng	-0.01
21) Naphthalene-d8	7.47	136	688476	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	319633	20.00	ng	-0.02
63) Phenanthrene-d10	11.45	188	578598	20.00	ng	-0.02
75) Chrysene-d12	14.70	240	520521	20.00	ng	-0.02
86) Perylene-d12	16.34	264	426721	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1242102	122.54	ng	0.00
7) Phenol-d6	5.56	99	1571517	125.32	ng	-0.01
23) Nitrobenzene-d5	6.62	82	942815	78.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	347512	137.59	ng	-0.02
44) 2-Fluorobiphenyl	8.80	172	1734863	82.79	ng	-0.02
78) Terphenyl-d14	13.43	244	1569077	67.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.62	70	124544	15.45	ng	# 77
50) 2,6-Dinitrotoluene	9.62	165	39771	7.64	ng	# 34
56) 2,4-Dinitrotoluene	9.62	165	39772	6.08	ng	# 33

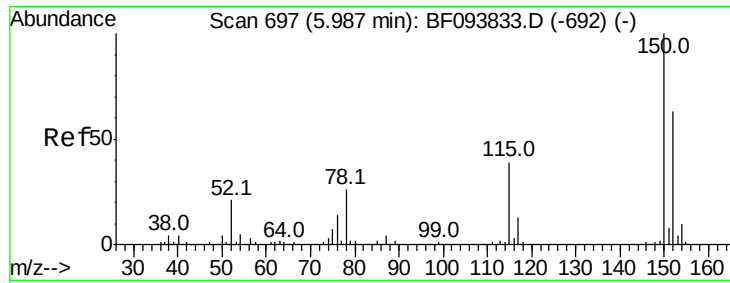
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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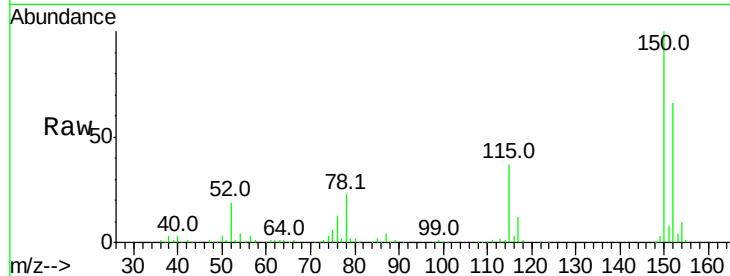


#1

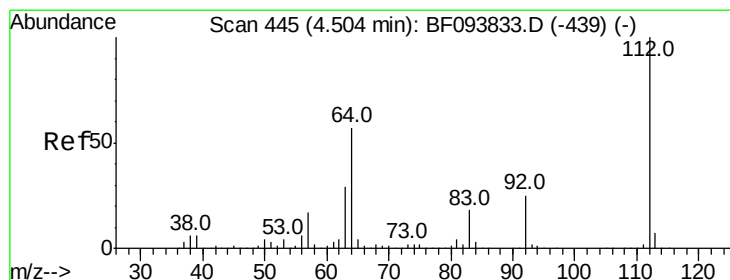
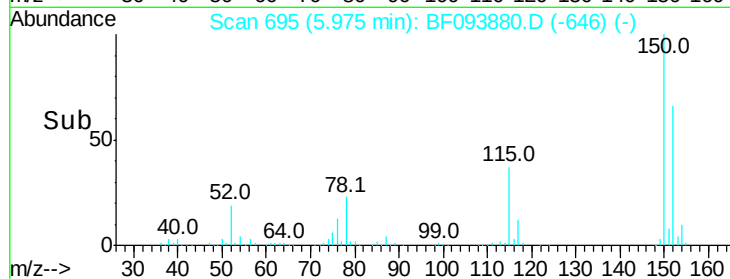
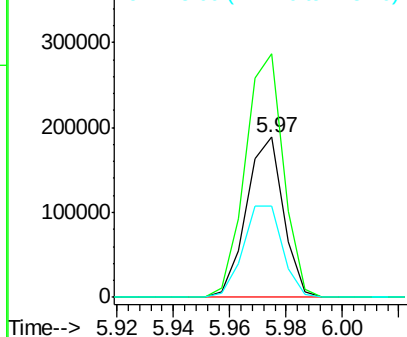
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093880.D
Acq: 23 Mar 2017 15:50

Instrument :
BNA_F
ClientSampleId :
PB97768TB

Tot Ion:152 Resp: 171208
Ion Ratio Lower Upper
152 100
150 152.3 126.2 189.2
115 57.0 52.2 78.2



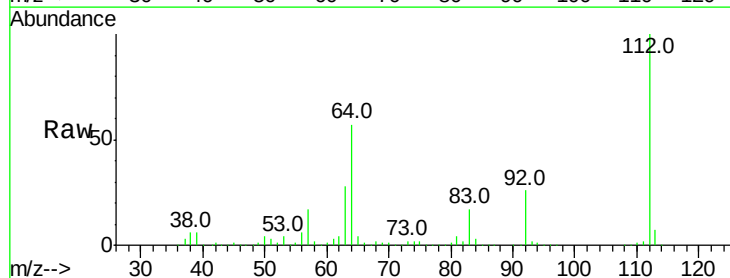
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



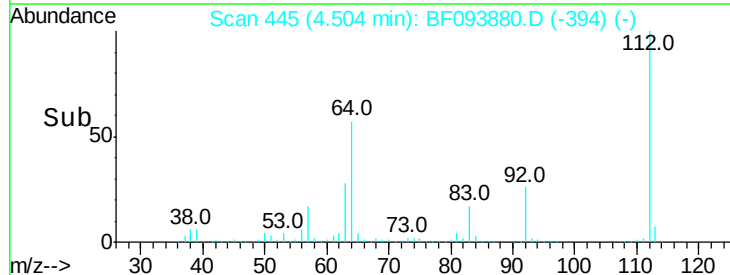
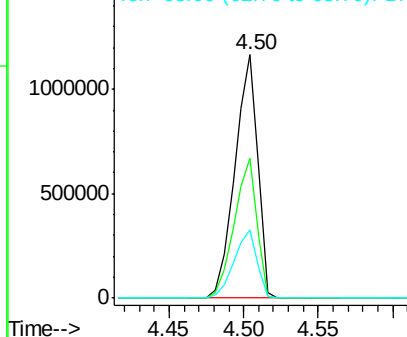
#5

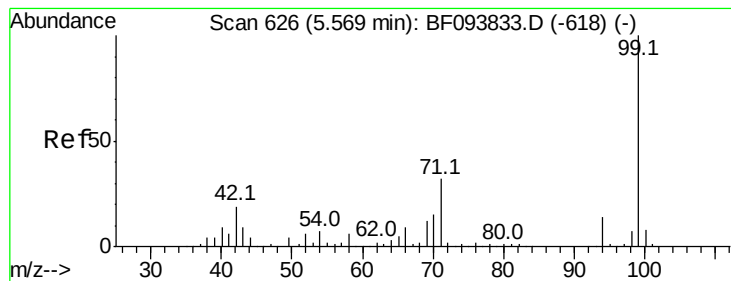
2-Fluorophenol
Concen: 122.54 ng
RT: 4.50 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF093880.D
Acq: 23 Mar 2017 15:50

Tgt Ion:112 Resp: 1242102
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 28.1 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: 125.32 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093880.D

Acq: 23 Mar 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB97768TB

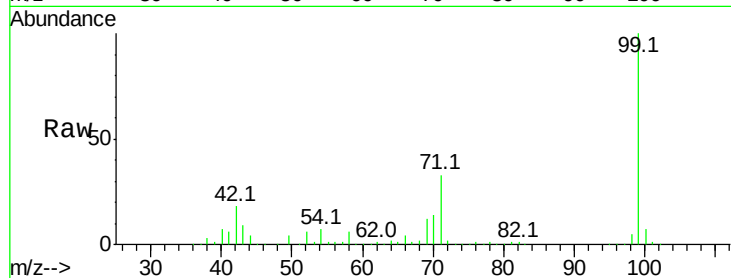
Tot Ion: 99 Resp: 1571517

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	33.3	24.5	36.7

99 100

42 18.3 13.5 20.3

71 33.3 24.5 36.7

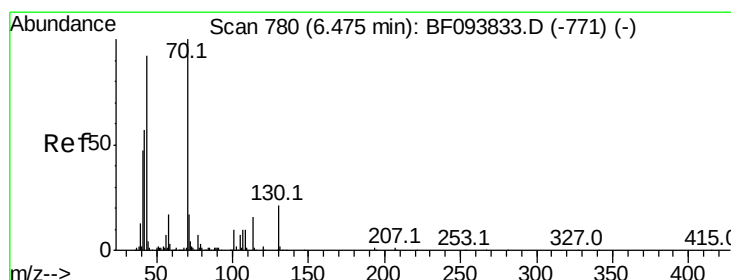
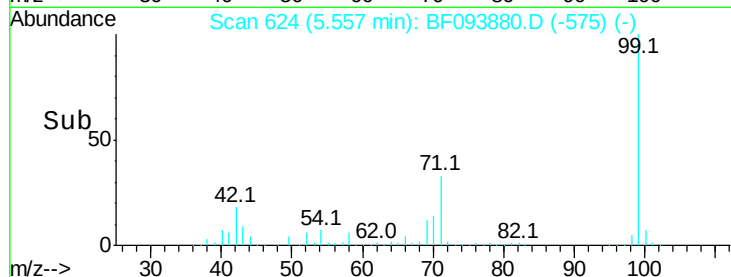
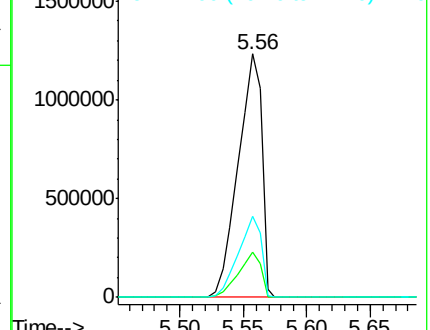


Abundance

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: 15.45 ng

RT: 6.62 min Scan# 804

Delta R.T. 0.14 min

Lab File: BF093880.D

Acq: 23 Mar 2017 15:50

Tgt Ion: 70 Resp: 124544

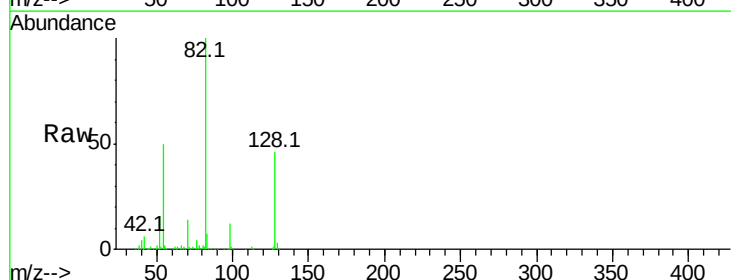
Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

70 100

42 46.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



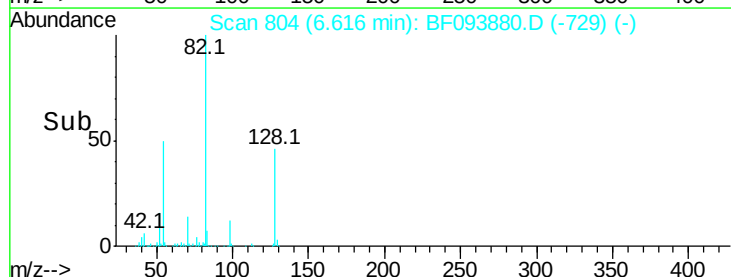
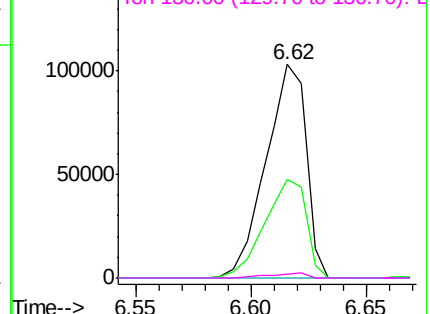
Abundance

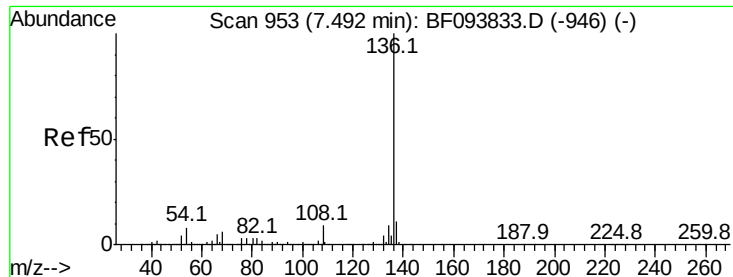
Ion 70.00 (69.70 to 70.70): BF0

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

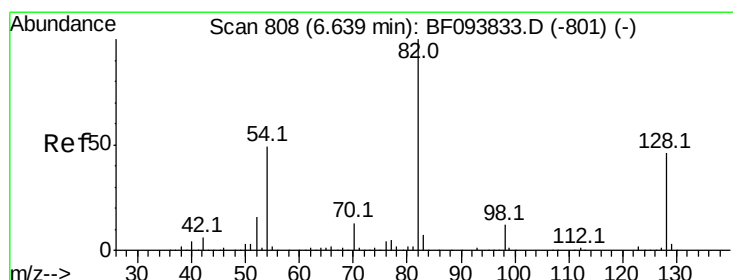
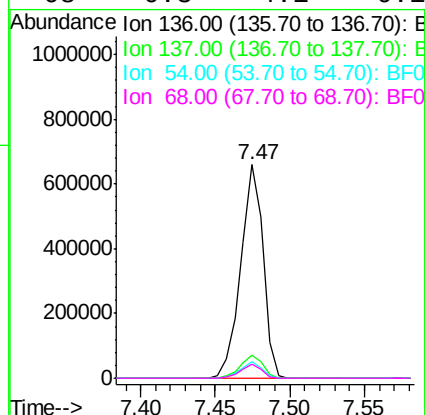
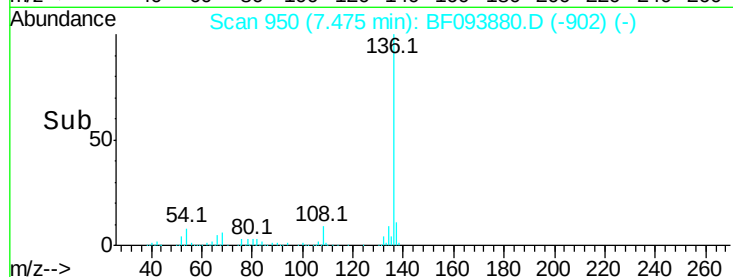
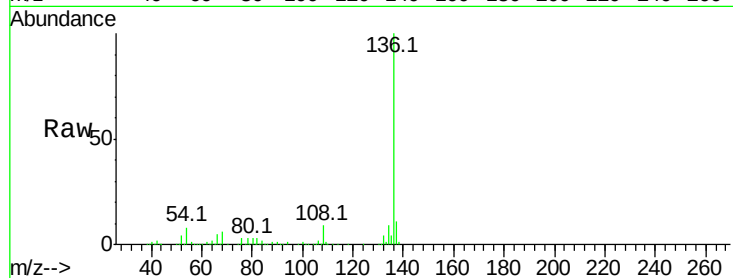




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.47 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093880.D
Acq: 23 Mar 2017 15:50

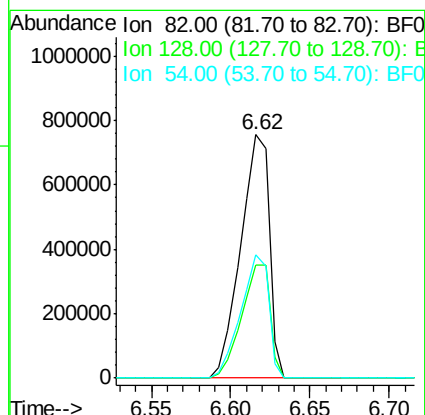
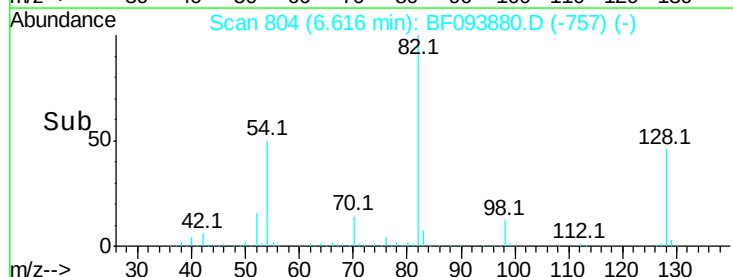
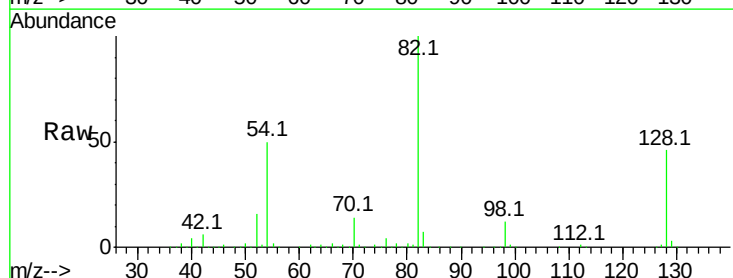
Instrument :
BNA_F
ClientSampleId :
PB97768TB

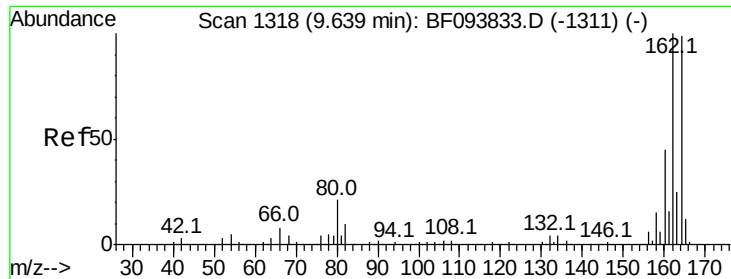
Tot Ion:	136	Resp:	688476
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.7	4.9	7.3#
68	6.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 78.15 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF093880.D
Acq: 23 Mar 2017 15:50

Tgt Ion:	82	Resp:	942815
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	50.4	42.2	63.2

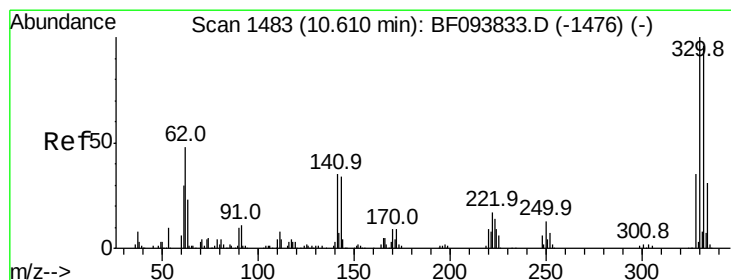
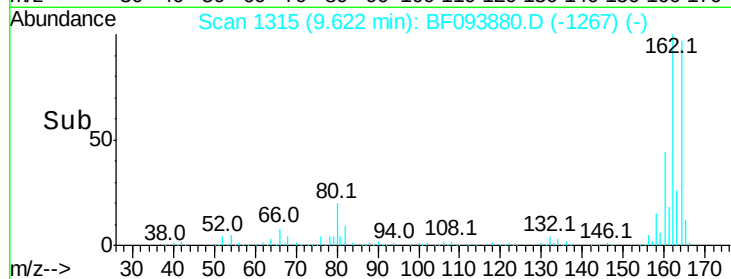
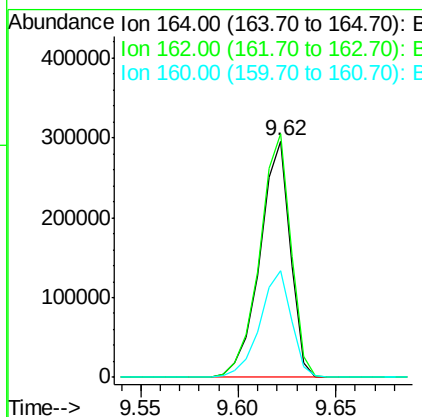
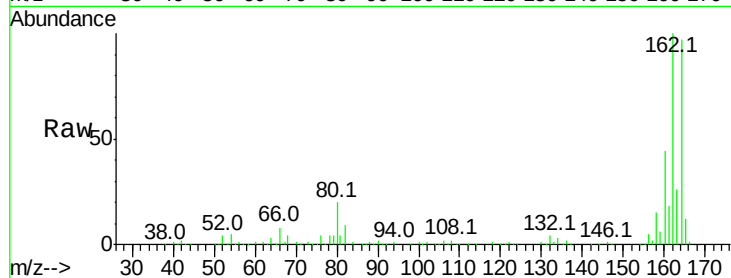




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF093880.D
 Acq: 23 Mar 2017 15:50

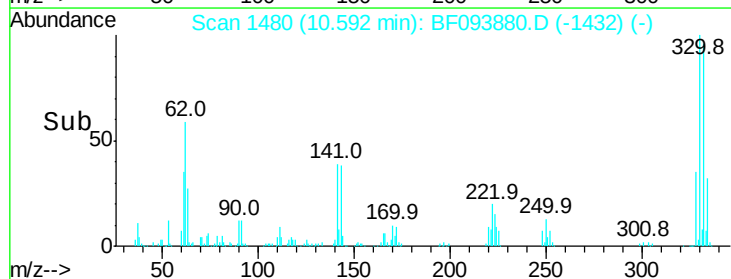
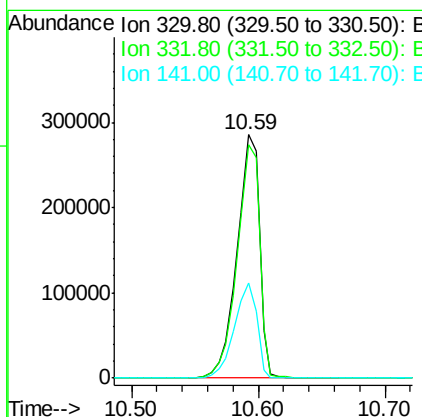
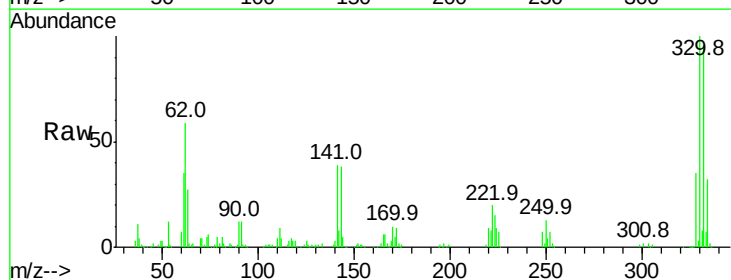
Instrument :
 BNA_F
 ClientSampleId :
 PB97768TB

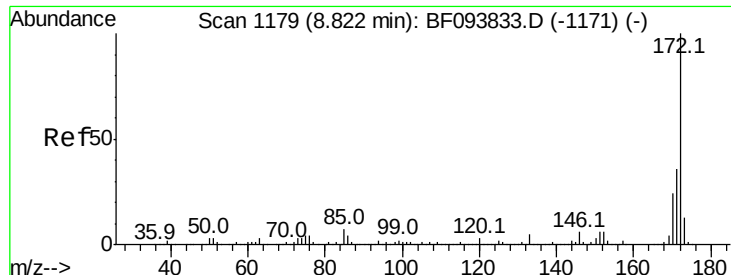
Tot Ion:164 Resp: 319633
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 44.9 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 137.59 ng
 RT: 10.59 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF093880.D
 Acq: 23 Mar 2017 15:50

Tgt Ion:330 Resp: 347512
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.3 31.4 47.2



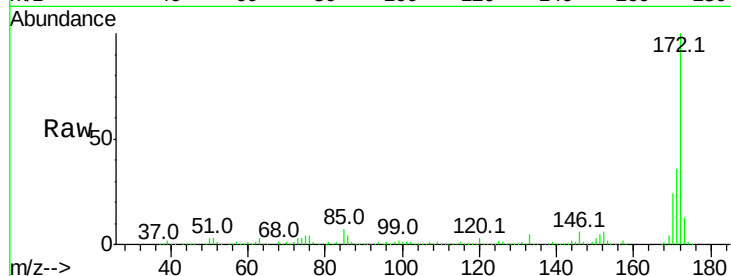


#44
 2-Fluorobiphenyl
 Concen: 82.79 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF093880.D
 Acq: 23 Mar 2017 15:50

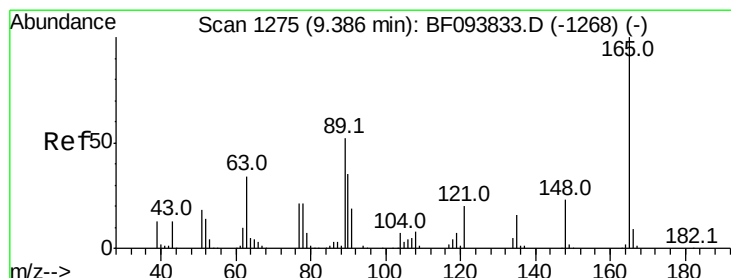
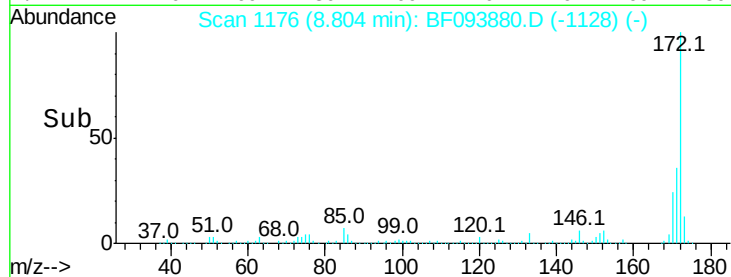
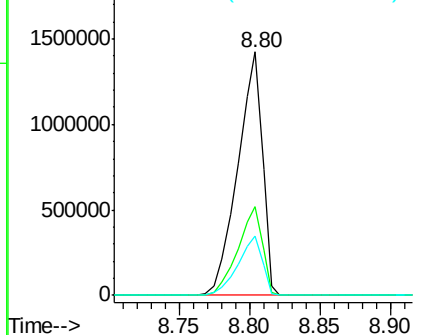
Instrument :
 BNA_F
 ClientSampleId :
 PB97768TB

Tot Ion:172 Resp: 1734863

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8



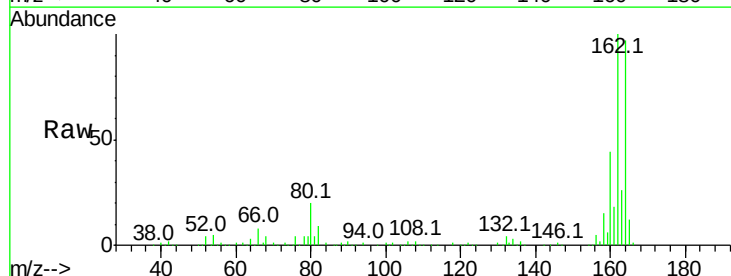
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



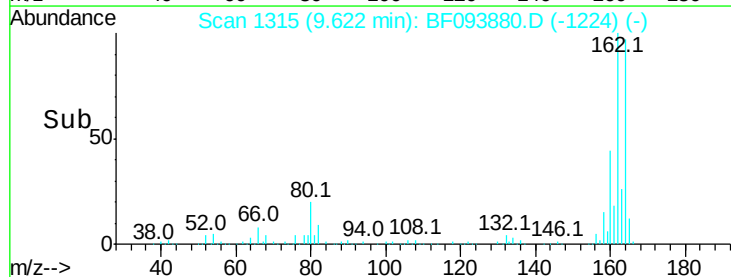
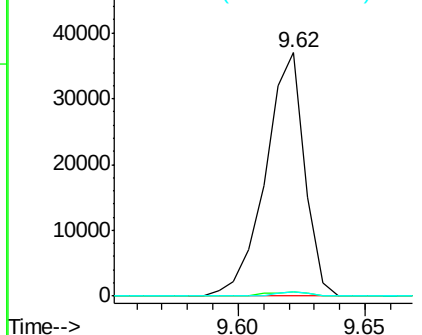
#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. 0.24 min
 Lab File: BF093880.D
 Acq: 23 Mar 2017 15:50

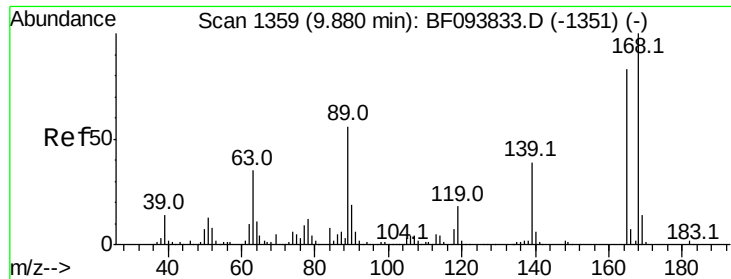
Tgt Ion:165 Resp: 39771

Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.8	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

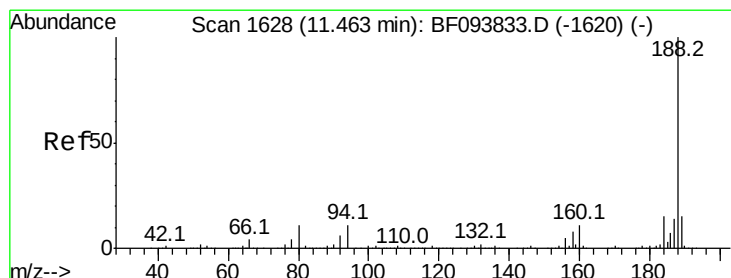
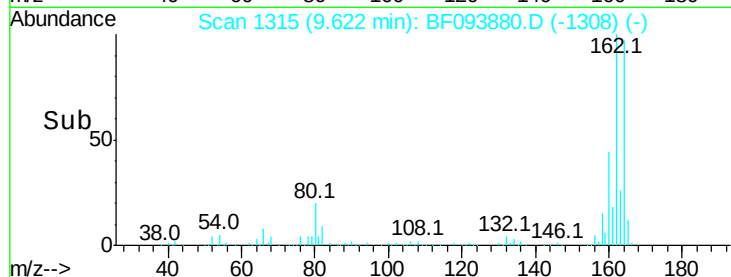
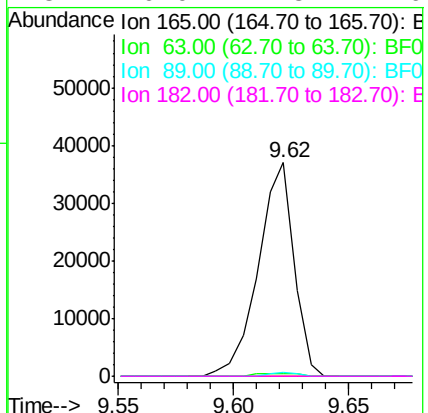
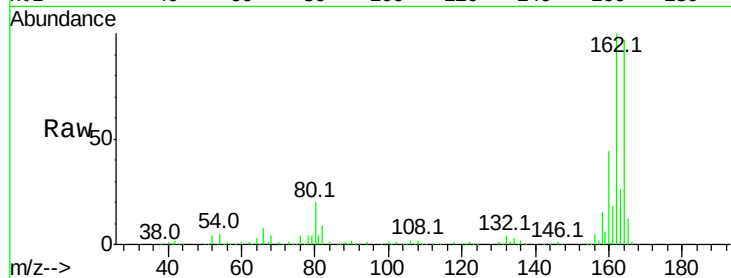




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.62 min Scan# 1315
 Delta R.T. -0.26 min
 Lab File: BF093880.D
 Acq: 23 Mar 2017 15:50

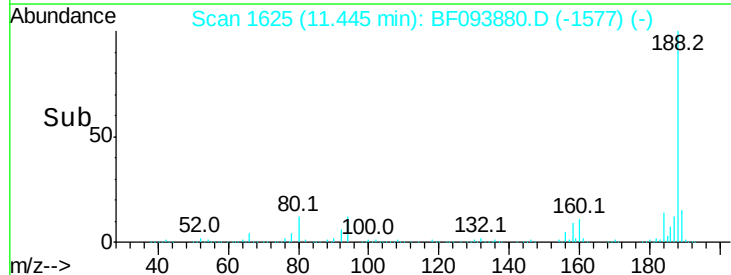
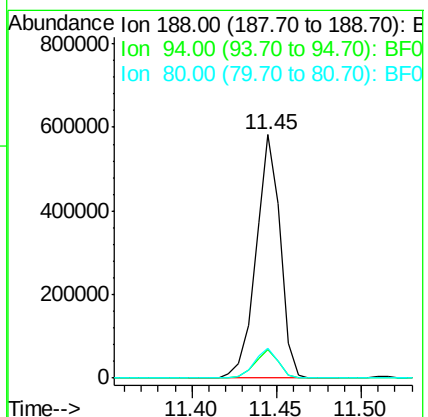
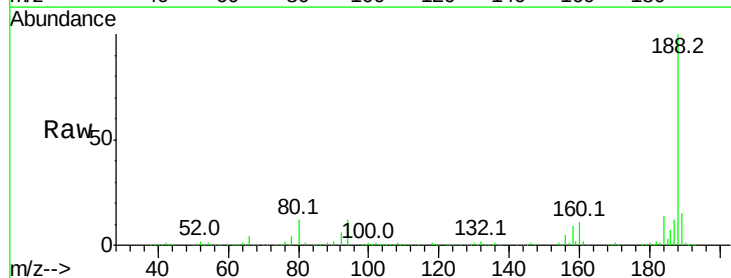
Instrument :
 BNA_F
 ClientSampled :
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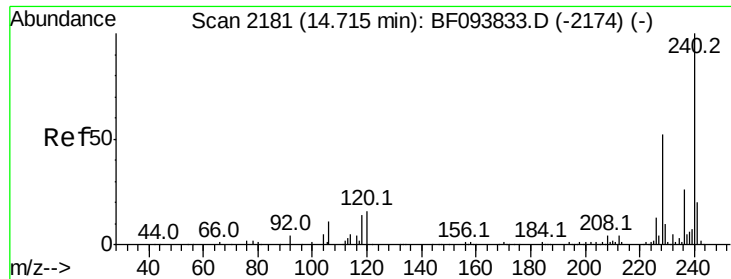
Tot Ion:165 Resp: 39772
 Ion Ratio Lower Upper
 165 100
 63 1.5 25.4 38.0#
 89 1.8 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BF093880.D
 Acq: 23 Mar 2017 15:50

Tgt Ion:188 Resp: 578598
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF093880.D

Acq: 23 Mar 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB97768TB

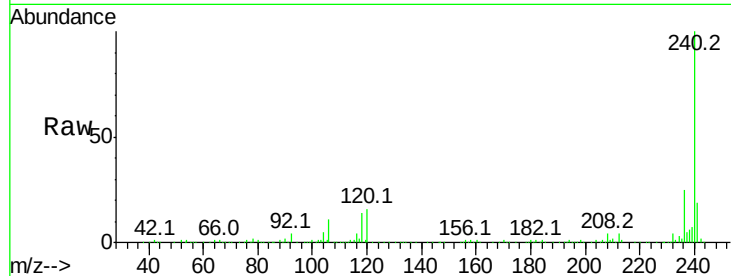
Tot Ion:240 Resp: 520521

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

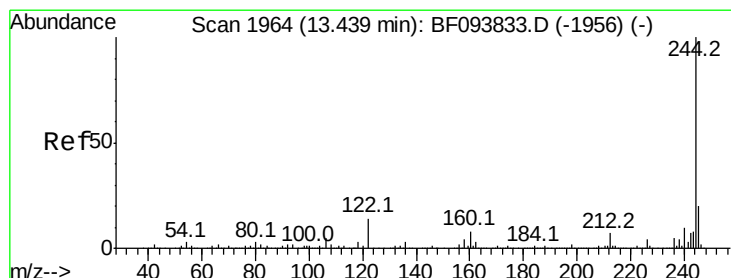
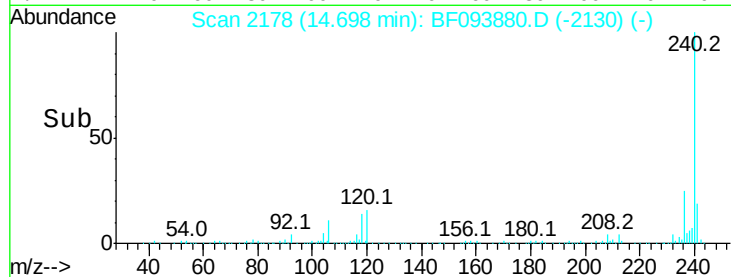
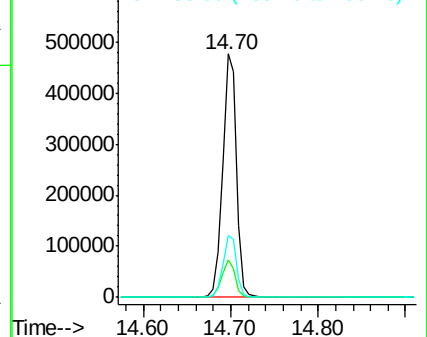
236 25.3 20.5 30.7



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: 67.57 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093880.D

Acq: 23 Mar 2017 15:50

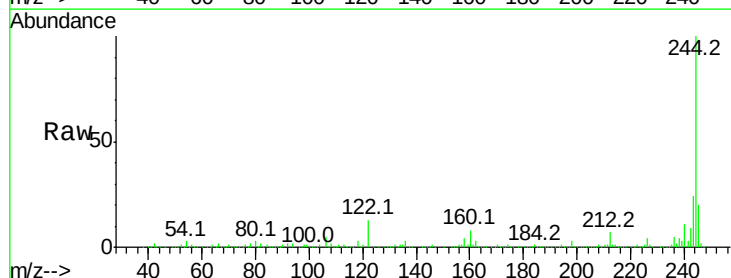
Tgt Ion:244 Resp: 1569077

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

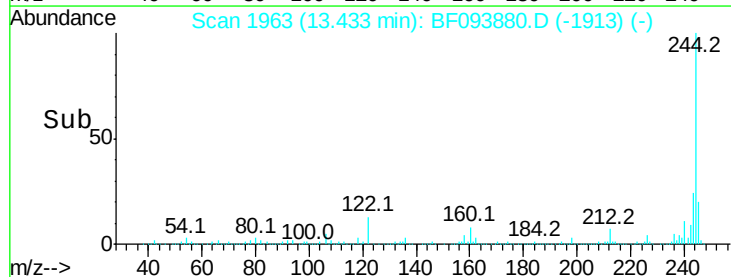
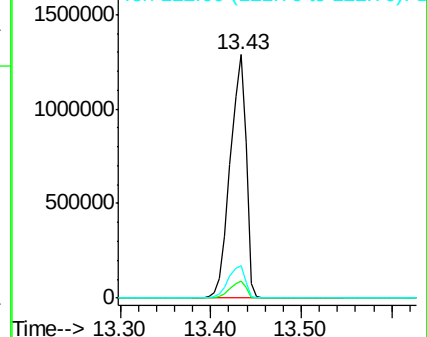
122 13.5 10.3 15.5

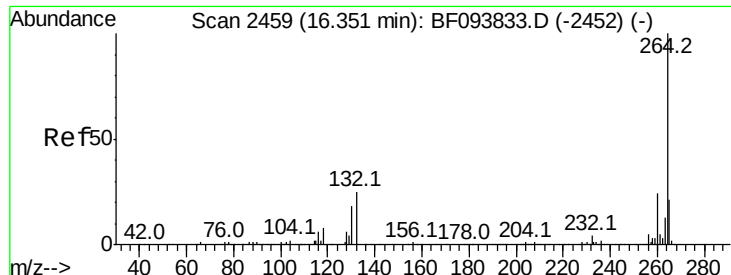


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

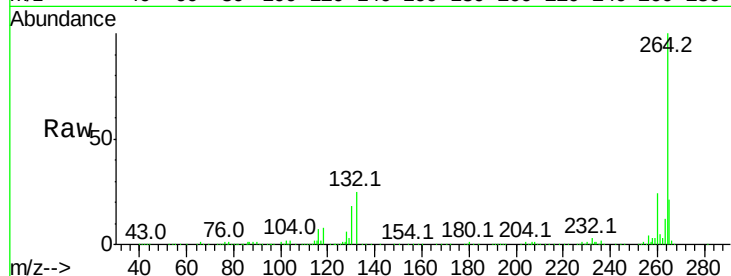




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BF093880.D
 Acq: 23 Mar 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97768TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	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

