

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094284.D
 Acq On : 7 Apr 2017 20:30
 Operator : SJ/MA
 Sample : I2534-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-03(10-15)

Quant Time: Apr 07 23:00:19 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

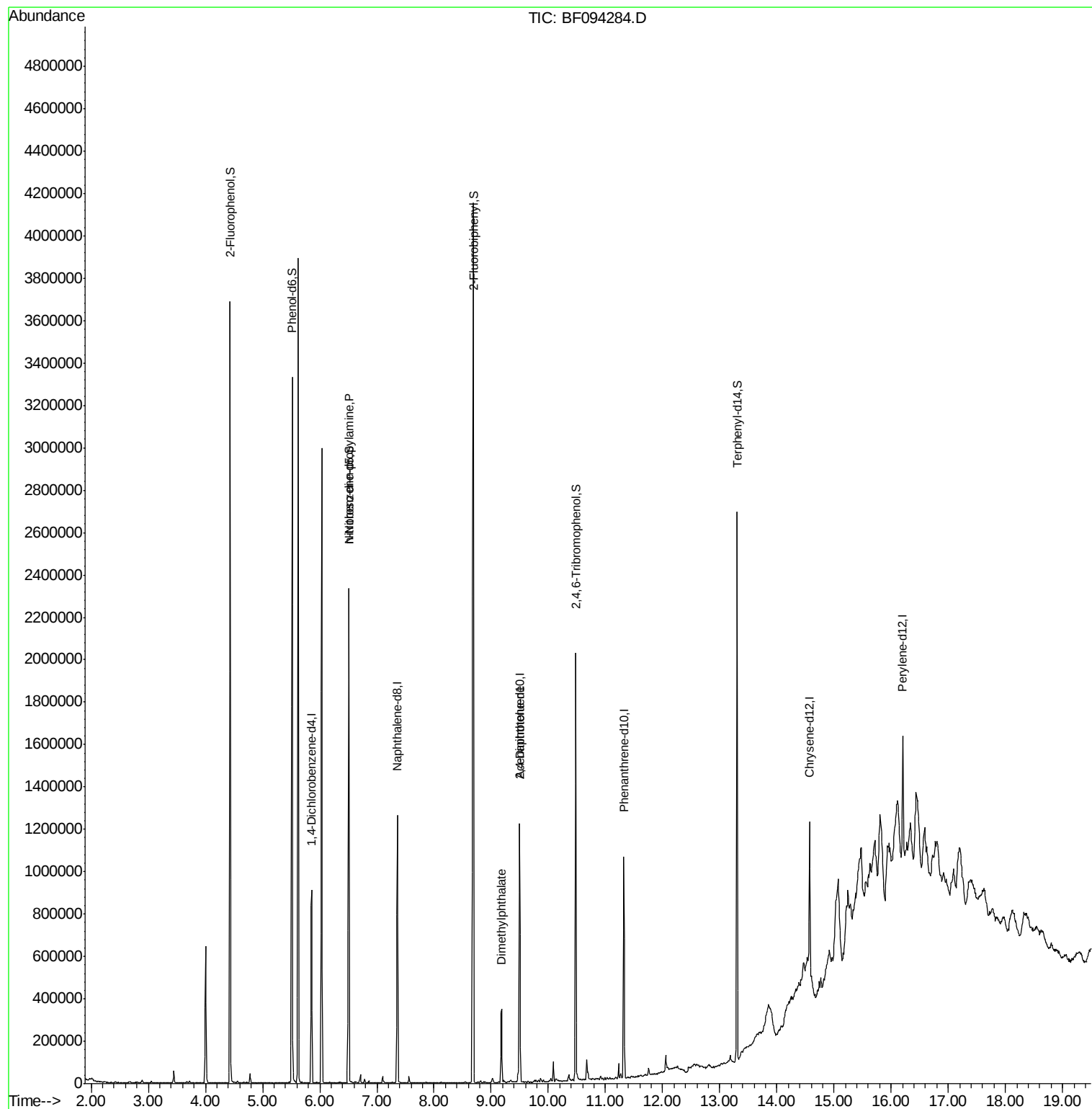
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	155247	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	596191	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	260560	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	393042	20.00	ng	0.00
75) Chrysene-d12	14.57	240	270781	20.00	ng	0.00
86) Perylene-d12	16.21	264	244447	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1143686	124.43	ng	0.05
7) Phenol-d6	5.52	99	1479328	130.10	ng	0.05
23) Nitrobenzene-d5	6.51	82	915815	87.66	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	269172	130.73	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	1558046	91.20	ng	0.00
78) Terphenyl-d14	13.30	244	943540	78.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.51	70	121482	16.62	ng	# 76
49) Dimethylphthalate	9.18	163	160118	8.64	ng	98
56) 2,4-Dinitrotoluene	9.50	165	32376	6.07	ng	# 32

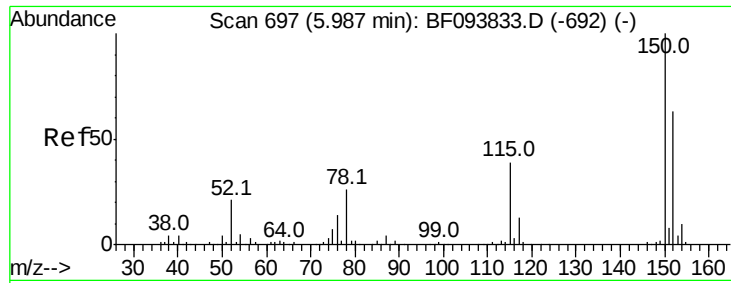
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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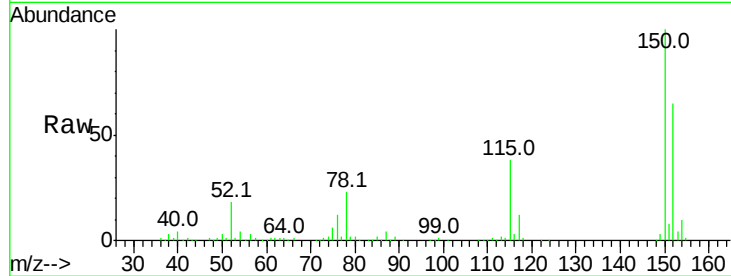


#1

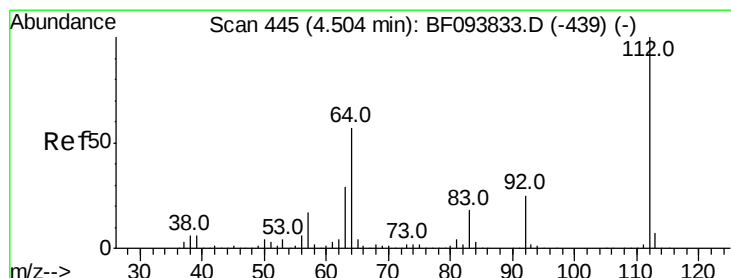
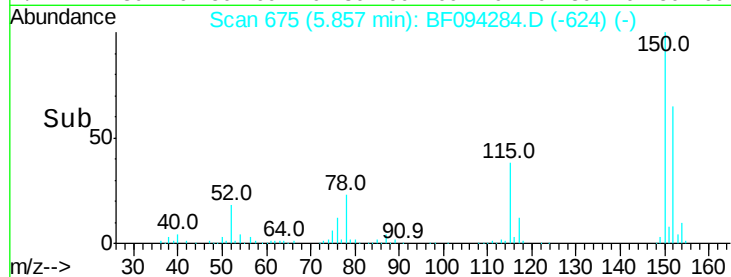
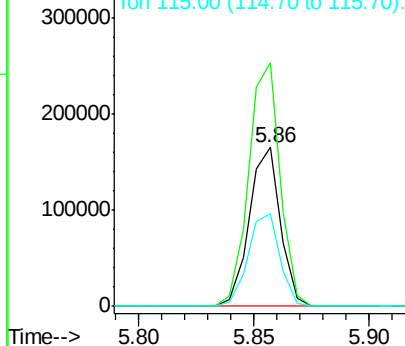
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF094284.D
Acq: 7 Apr 2017 20:30

Instrument :
BNA_F
ClientSampleId :
GP-B-03(10-15)

Tot Ion:152 Resp: 155247
Ion Ratio Lower Upper
152 100
150 153.3 126.2 189.2
115 58.3 52.2 78.2



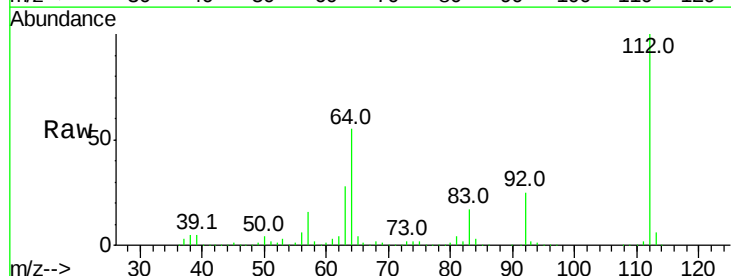
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



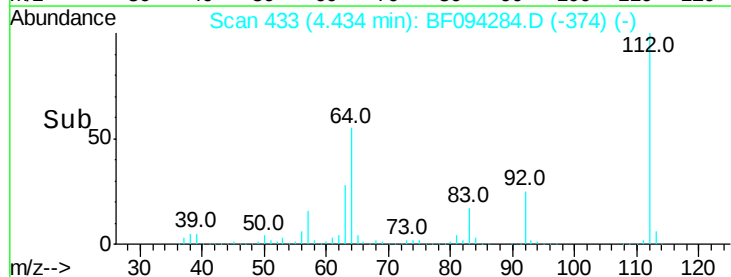
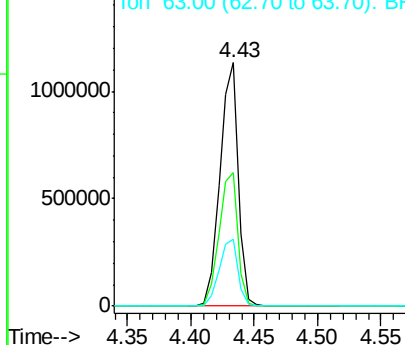
#5

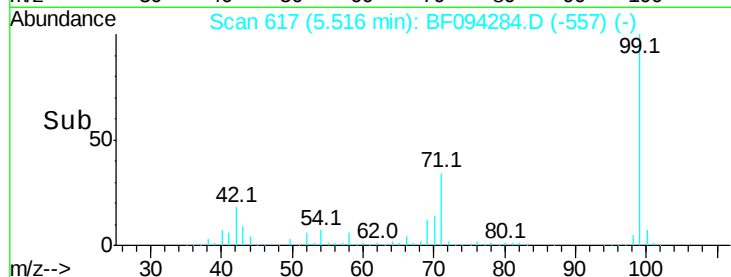
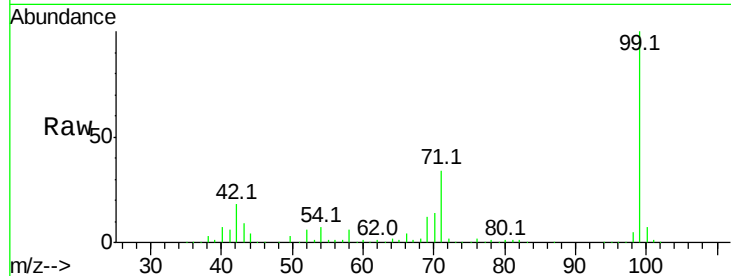
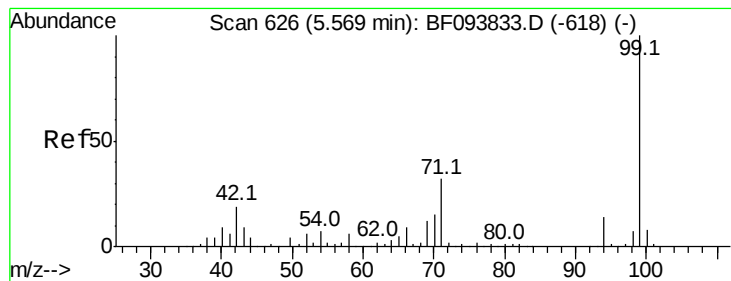
2-Fluorophenol
Concen: 124.43 ng
RT: 4.43 min Scan# 433
Delta R.T. 0.05 min
Lab File: BF094284.D
Acq: 7 Apr 2017 20:30

Tgt Ion:112 Resp: 1143686
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 27.7 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: 130.10 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.05 min

Lab File: BF094284.D

Acq: 7 Apr 2017 20:30

Instrument :

BNA_F

ClientSampleId :

GP-B-03(10-15)

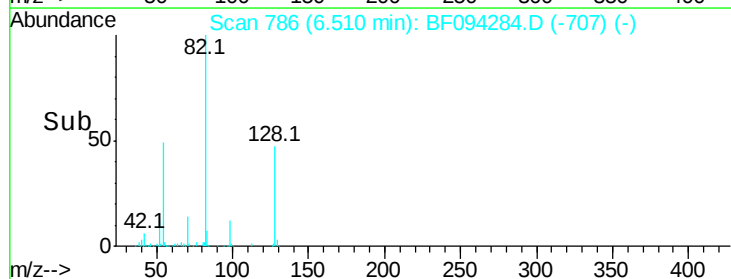
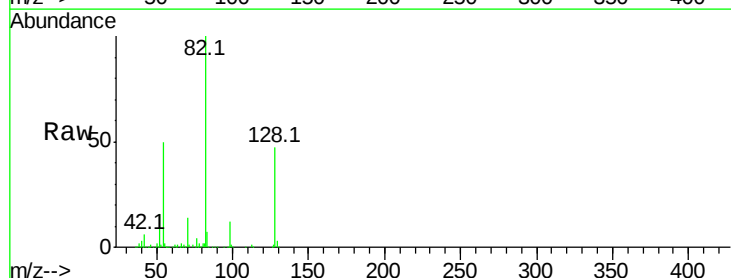
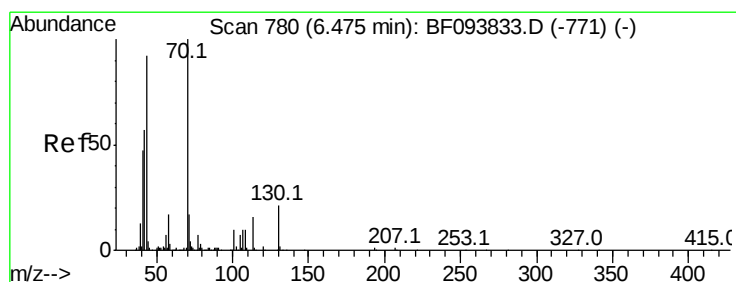
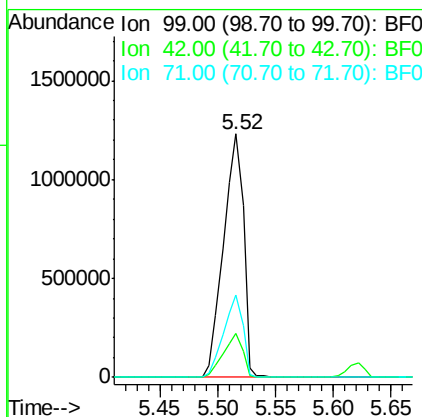
Tot Ion: 99 Resp: 1479328

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 33.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.62 ng

RT: 6.51 min Scan# 786

Delta R.T. 0.16 min

Lab File: BF094284.D

Acq: 7 Apr 2017 20:30

Tgt Ion: 70 Resp: 121482

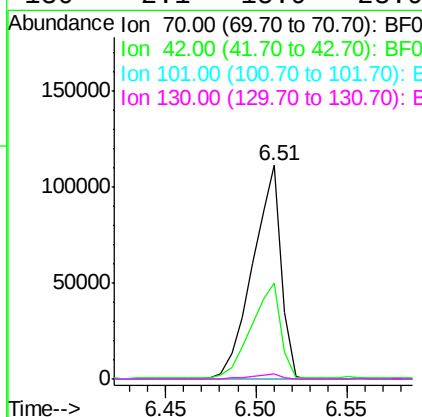
Ion Ratio Lower Upper

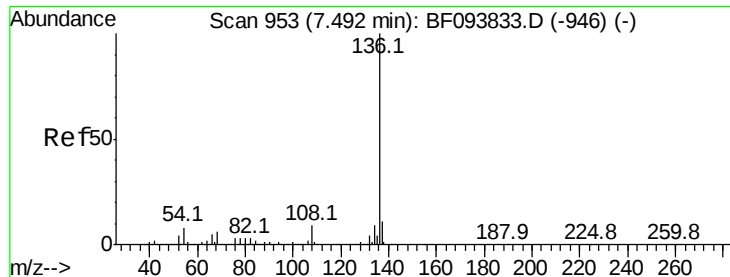
70 100

42 44.7 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: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094284.D

Acq: 7 Apr 2017 20:30

Instrument :

BNA_F

ClientSampleId :

GP-B-03(10-15)

Tot Ion:136 Resp: 596191

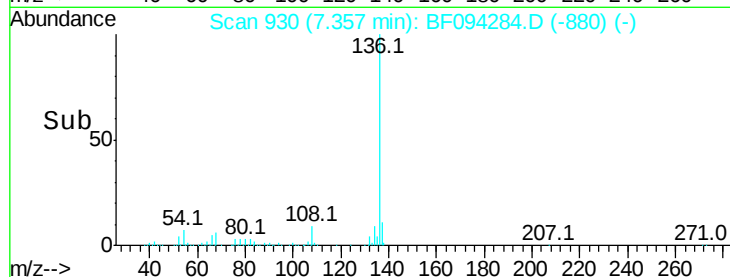
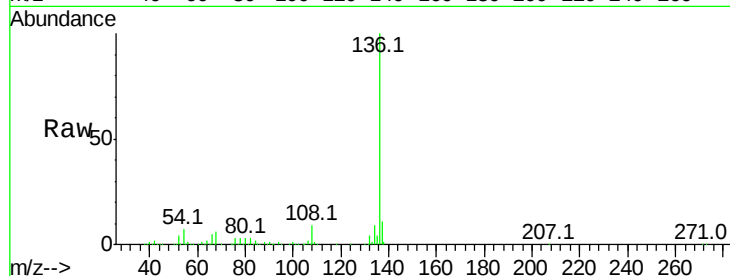
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

68 6.4 4.1 6.1#

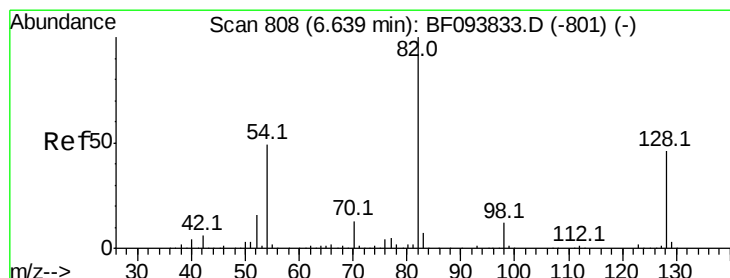
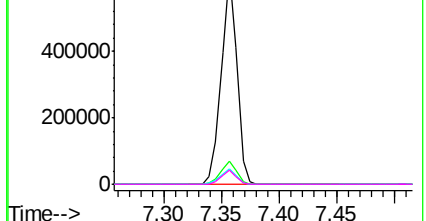


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 87.66 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF094284.D

Acq: 7 Apr 2017 20:30

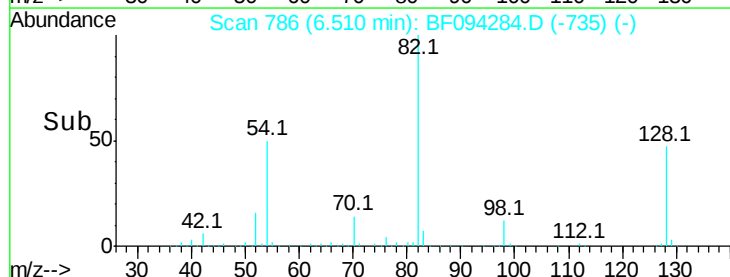
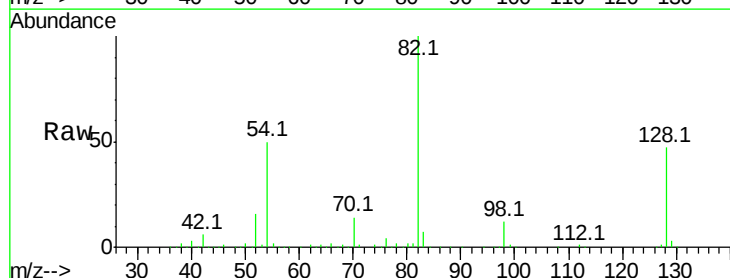
Tgt Ion: 82 Resp: 915815

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

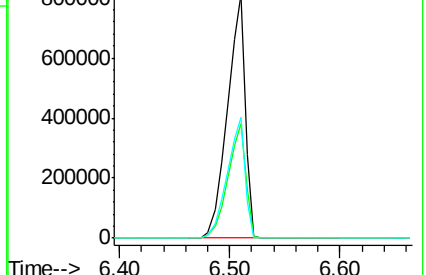
54 49.7 42.2 63.2

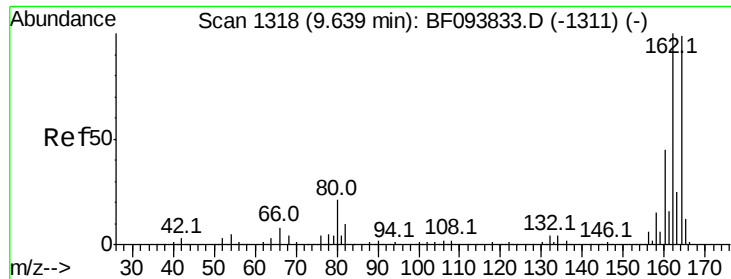


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

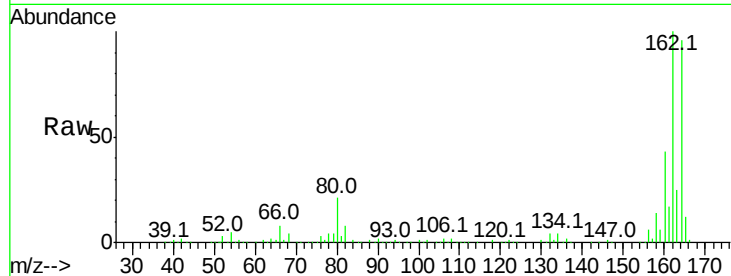




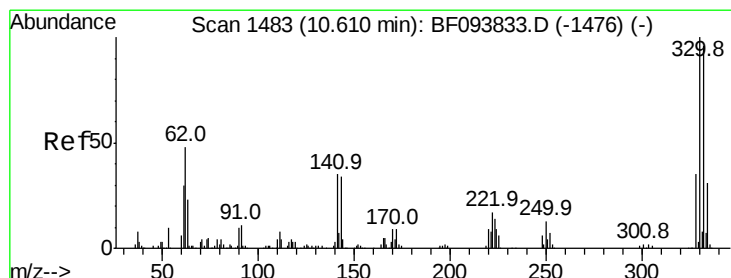
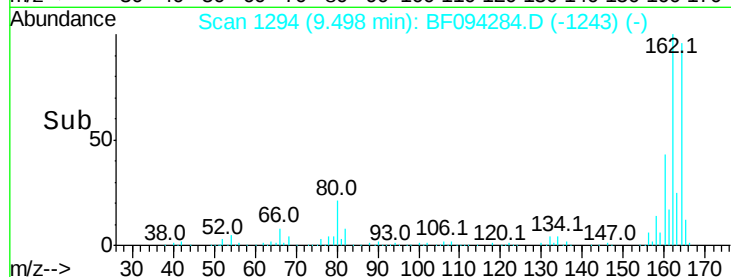
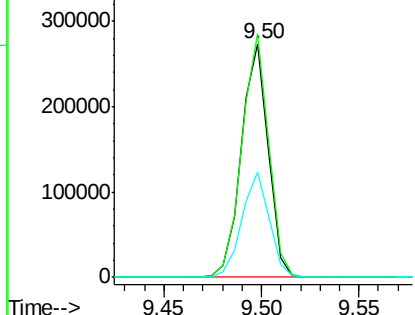
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094284.D
 Acq: 7 Apr 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-03(10-15)

Tot Ion:164 Resp: 260560
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.1 36.2 54.2

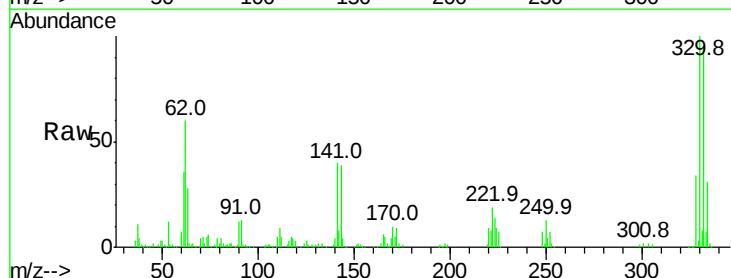


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

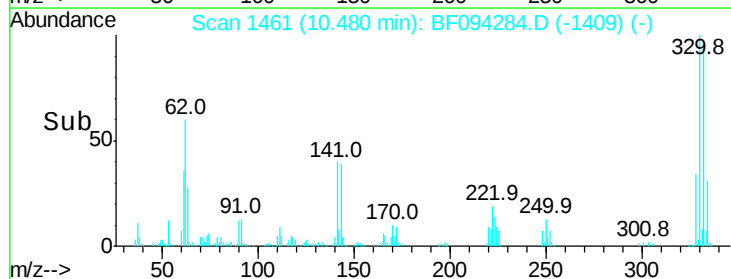
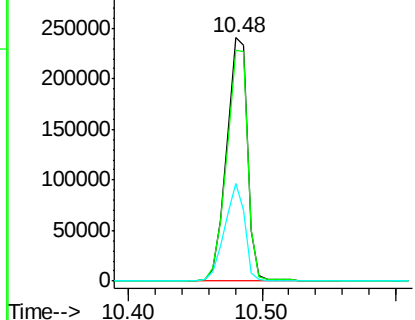


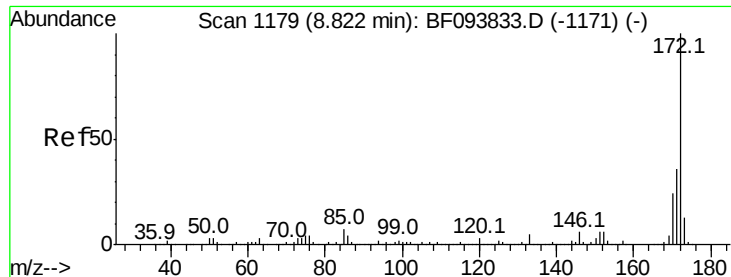
#41
 2,4,6-Tribromophenol
 Concen: 130.73 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF094284.D
 Acq: 7 Apr 2017 20:30

Tgt Ion:330 Resp: 269172
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.5 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

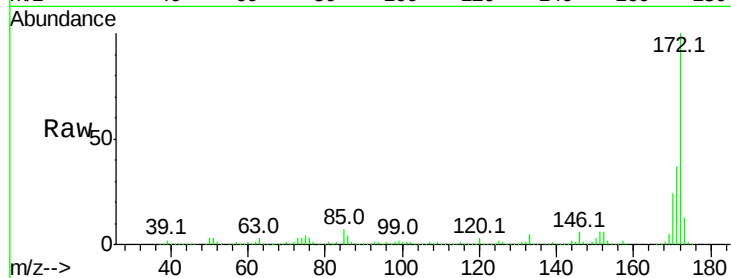




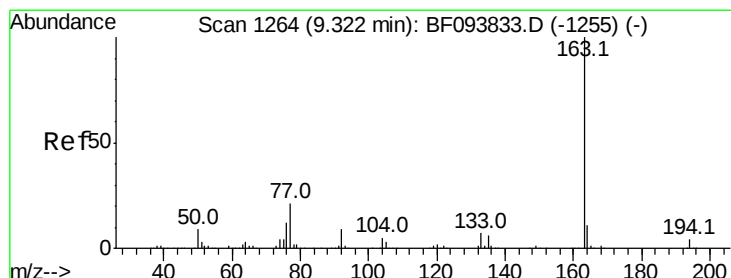
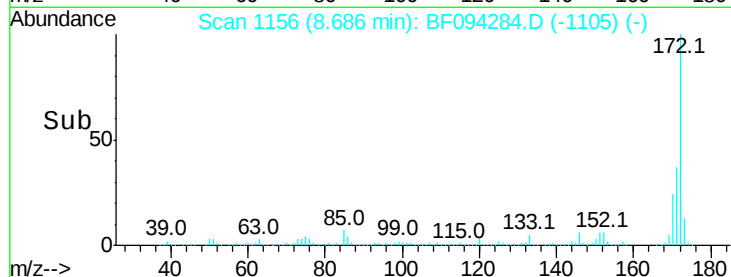
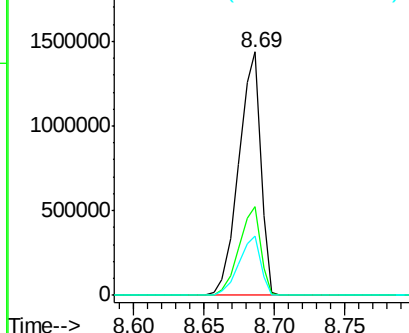
#44
2-Fluorobiphenyl
Concen: 91.20 ng
RT: 8.69 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF094284.D
Acq: 7 Apr 2017 20:30

Instrument :
BNA_F
ClientSampleId :
GP-B-03(10-15)

Tot Ion:172 Resp: 1558046
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.3 19.8 29.8

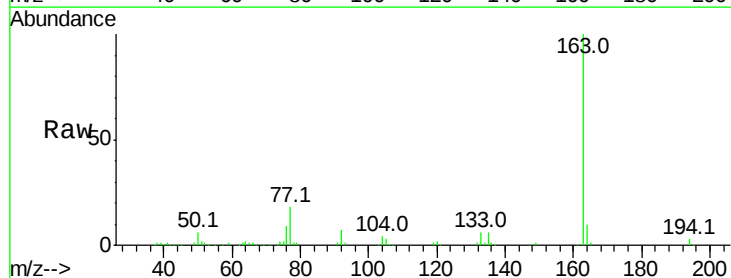


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

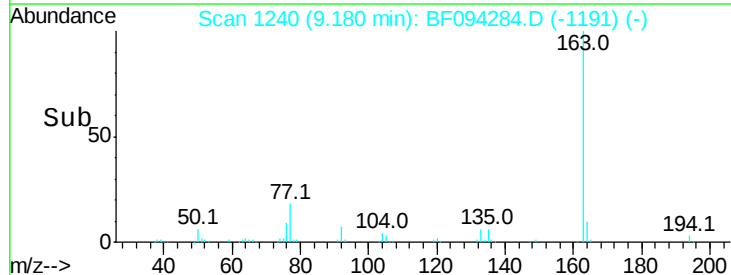
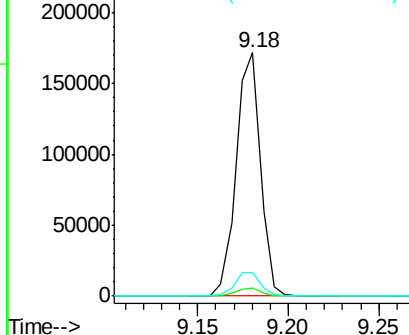


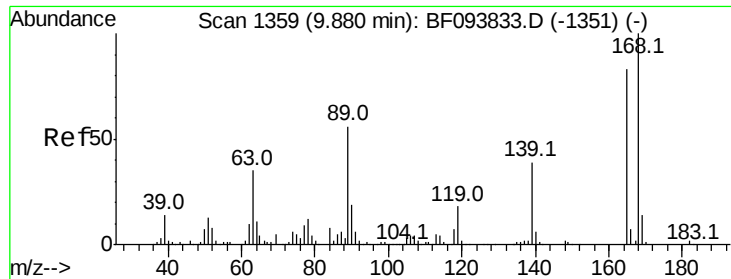
#49
Dimethylphthalate
Concen: 8.64 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF094284.D
Acq: 7 Apr 2017 20:30

Tgt Ion:163 Resp: 160118
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 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

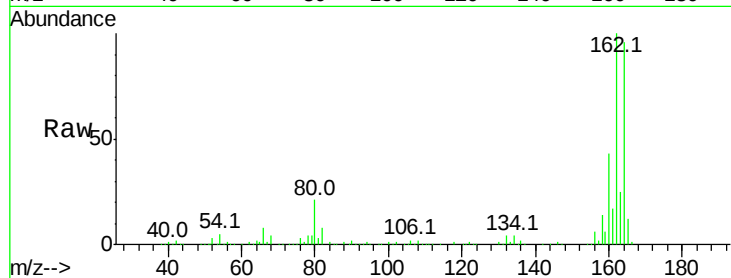




#56
 2,4-Dinitrotoluene
 Concen: 6.07 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.25 min
 Lab File: BF094284.D
 Acq: 7 Apr 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-03(10-15)

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

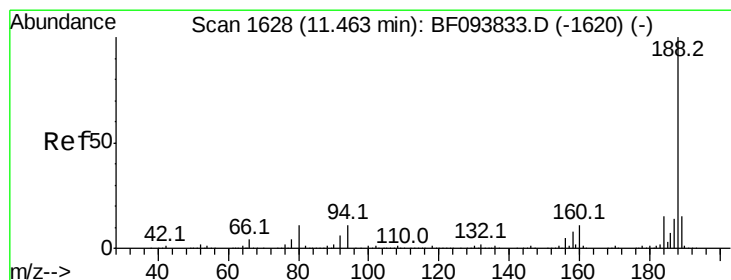
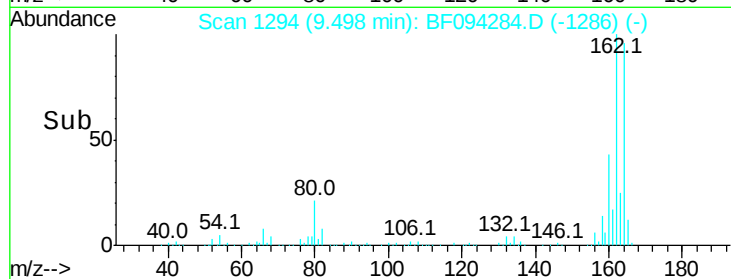
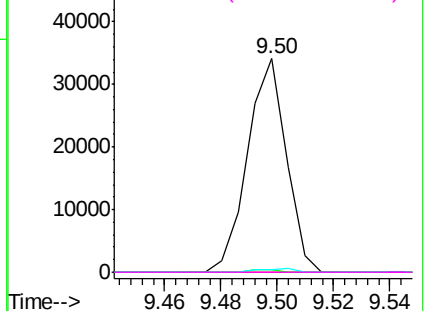


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

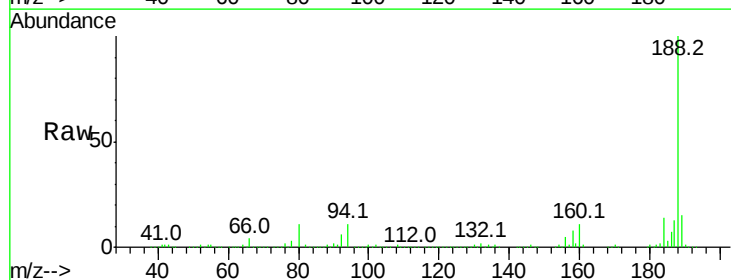
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF094284.D
 Acq: 7 Apr 2017 20:30

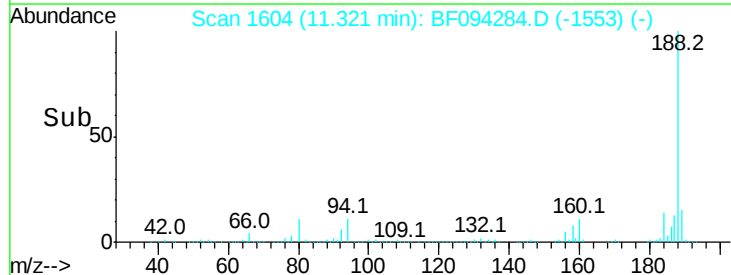
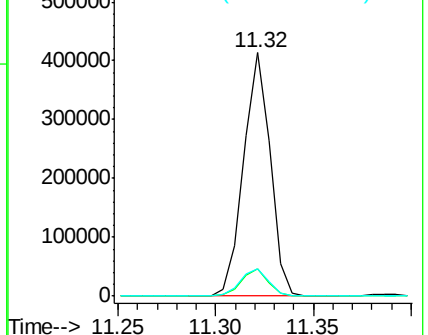
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.4	10.2	15.2

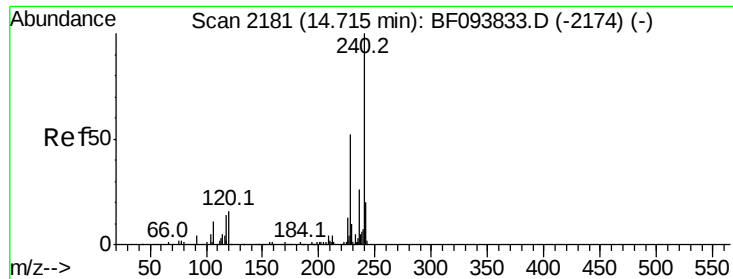


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094284.D

Acq: 7 Apr 2017 20:30

Instrument :

BNA_F

ClientSampleId :

GP-B-03(10-15)

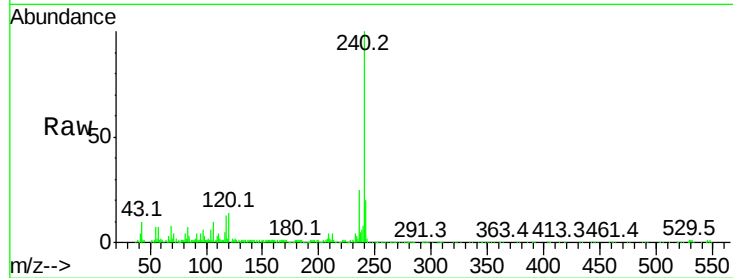
Tot Ion:240 Resp: 270781

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

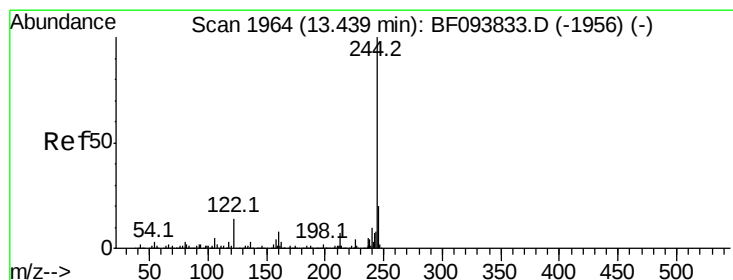
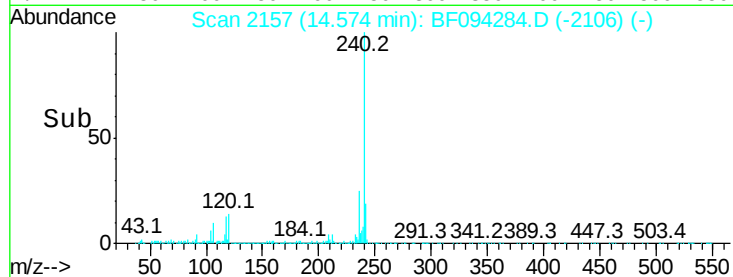
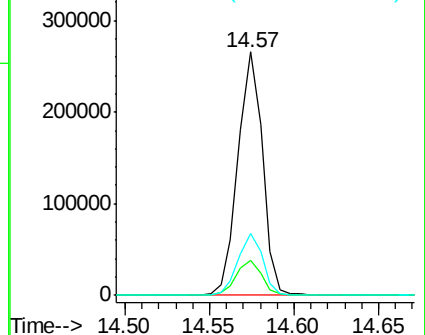
236 25.3 20.5 30.7



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: 78.10 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094284.D

Acq: 7 Apr 2017 20:30

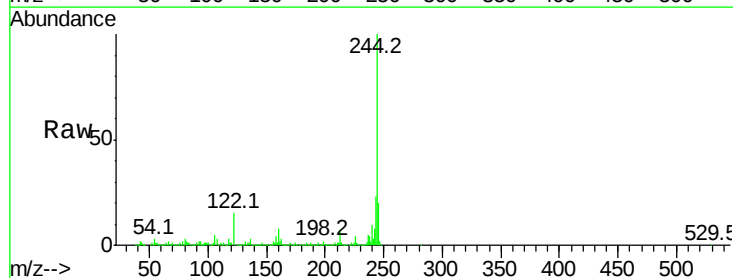
Tgt Ion:244 Resp: 943540

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

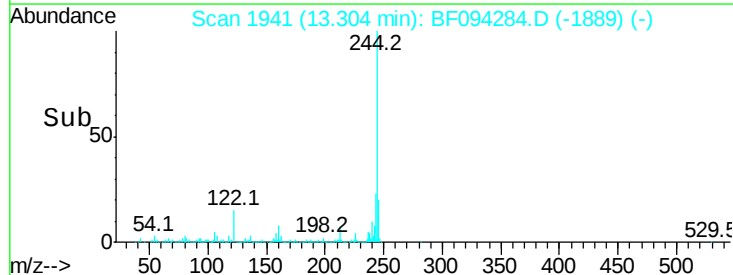
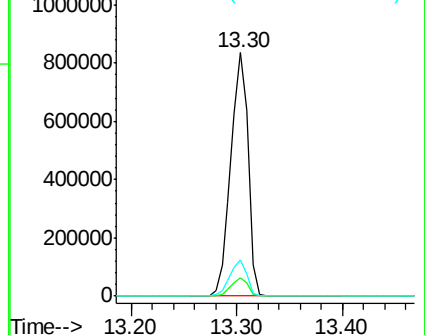
122 15.0 10.3 15.5

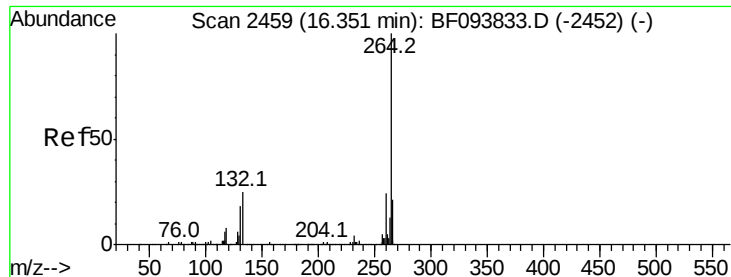


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.21 min Scan# 2435
 Delta R.T. 0.02 min
 Lab File: BF094284.D
 Acq: 7 Apr 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-03(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.6	17.2	25.8

