

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093931.D
 Acq On : 25 Mar 2017 2:36
 Operator : SJ/MA
 Sample : I2379-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1

Quant Time: Mar 25 04:06:57 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

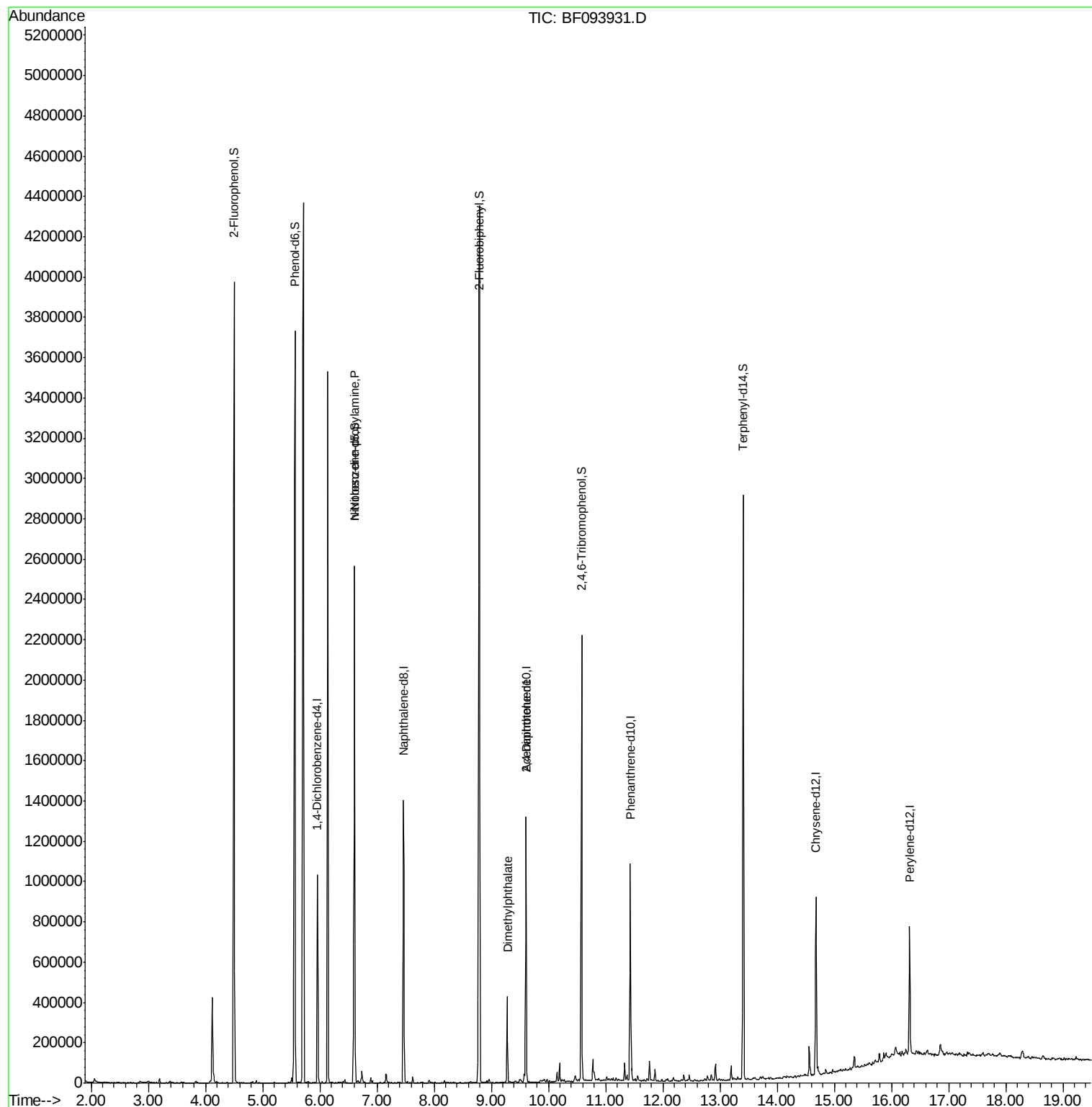
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	173402	20.00	ng	-0.02
21) Naphthalene-d8	7.46	136	686273	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	288701	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	426060	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	322238	20.00	ng	-0.04
86) Perylene-d12	16.32	264	258298	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1426050	138.90	ng	0.00
7) Phenol-d6	5.56	99	1812410	142.70	ng	0.00
23) Nitrobenzene-d5	6.61	82	1105113	91.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	294985	129.30	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1709397	90.31	ng	-0.03
78) Terphenyl-d14	13.41	244	997461	69.38	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.61	70	147193	18.03	ng	# 78
49) Dimethylphthalate	9.28	163	176135	8.58	ng	98
56) 2,4-Dinitrotoluene	9.60	165	36152	6.12	ng	# 33

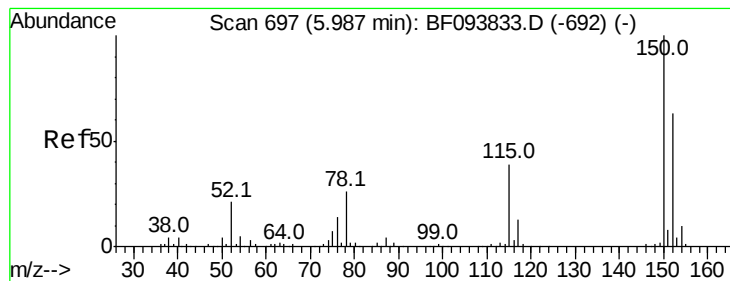
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.96 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

Instrument :

BNA_F

ClientSampleId :

B-1

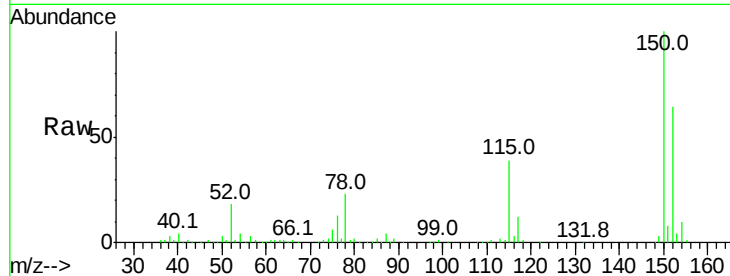
Tot Ion:152 Resp: 173402

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

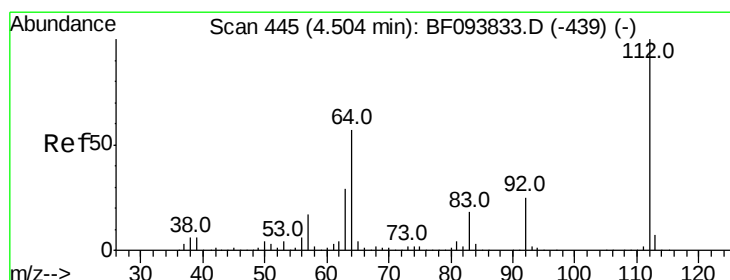
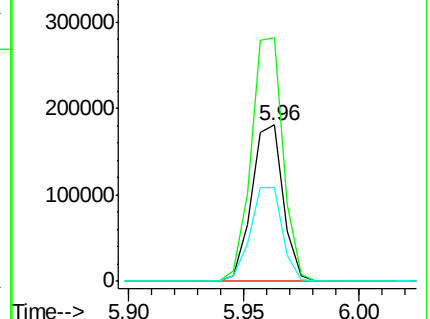
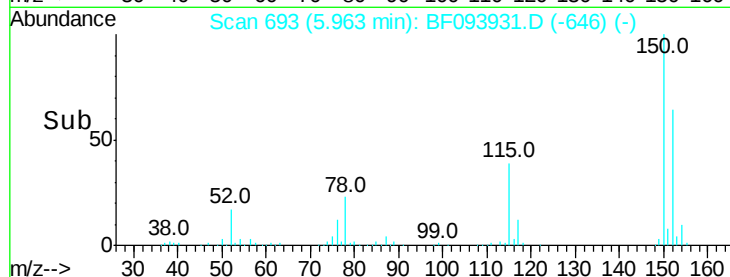
115 60.2 52.2 78.2



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: 138.90 ng

RT: 4.50 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

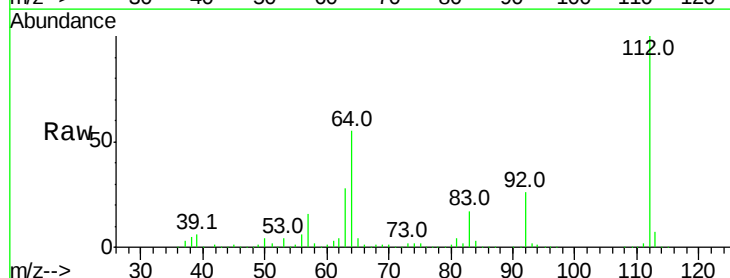
Tgt Ion:112 Resp: 1426050

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

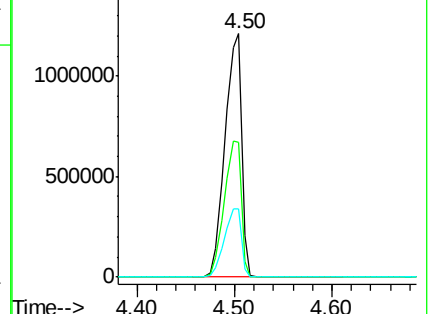
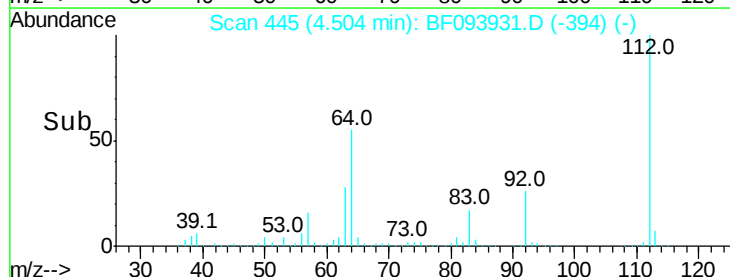
63 28.0 23.4 35.0

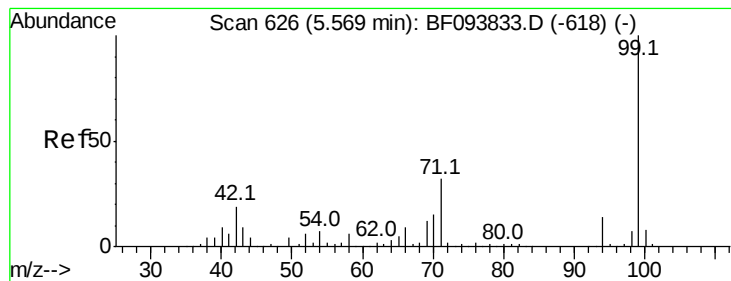


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.70 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

Instrument :

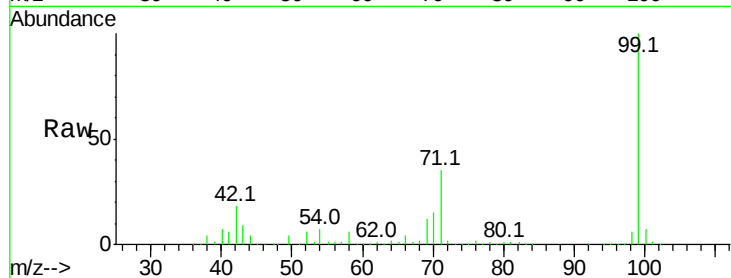
BNA_F

ClientSampleId :

B-1

Tot Ion: 99 Resp: 1812410

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.5	20.3
71	34.9	24.5	36.7

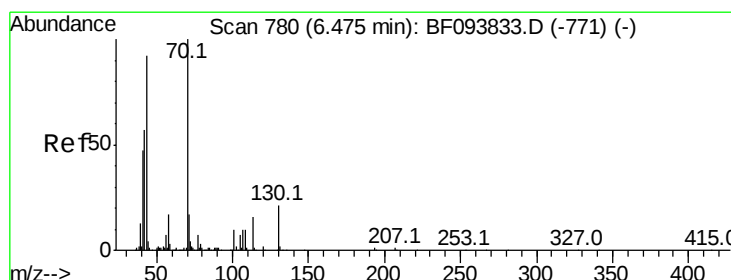
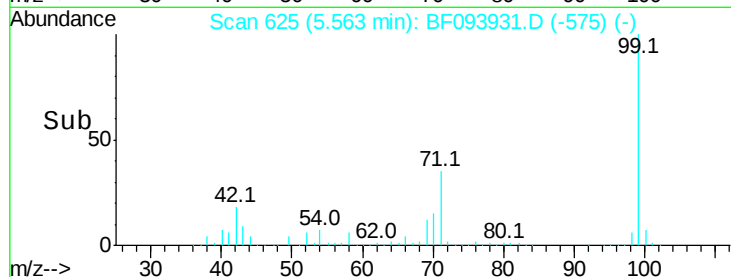
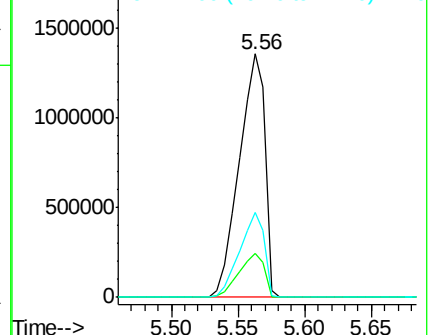


Abundance

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: 18.03 ng

RT: 6.61 min Scan# 803

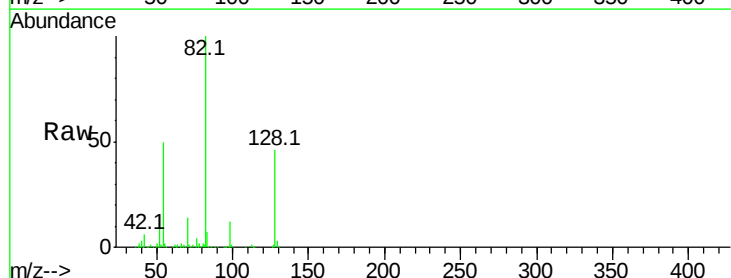
Delta R.T. 0.14 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

Tgt Ion: 70 Resp: 147193

Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



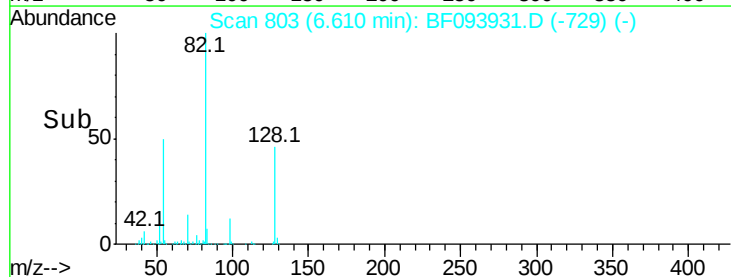
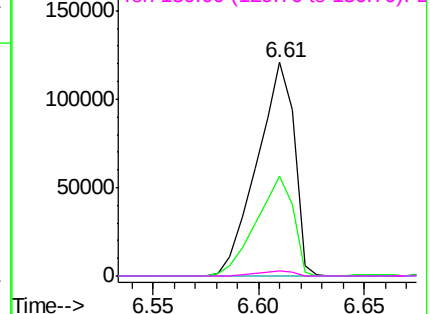
Abundance

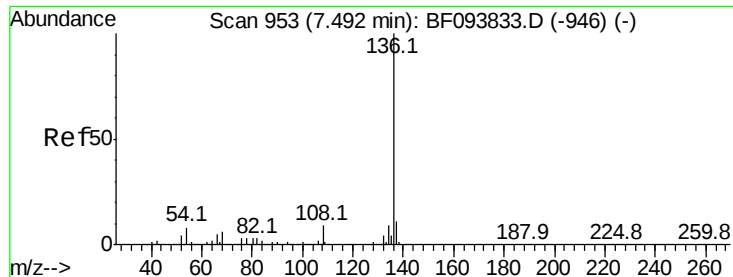
Ion 70.00 (69.70 to 70.70): BF0

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: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

Instrument :

BNA_F

ClientSampled :

B-1

Tot Ion:136 Resp: 686273

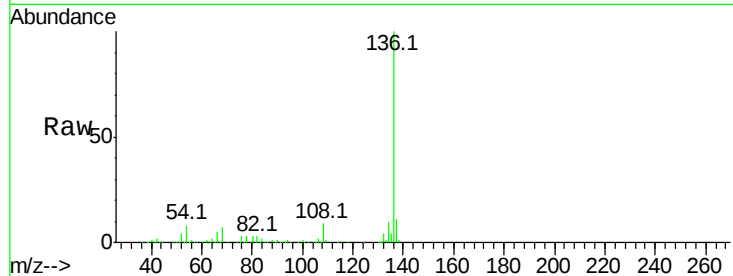
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.6 4.9 7.3#

68 6.7 4.1 6.1#

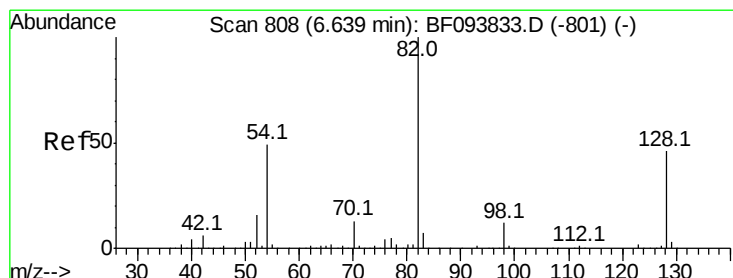
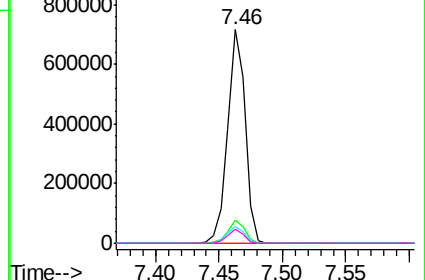
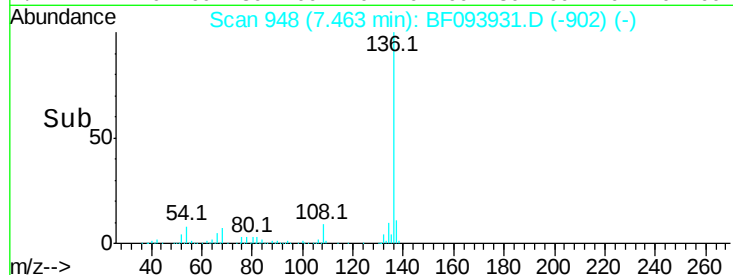


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.90 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

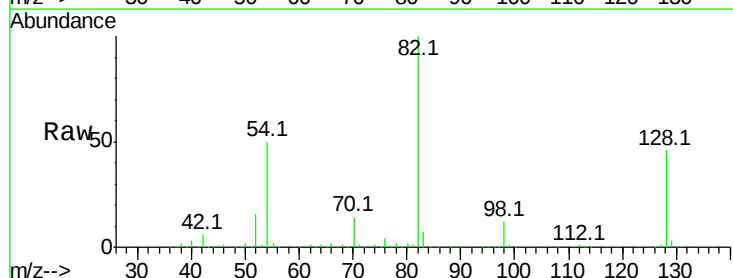
Tgt Ion: 82 Resp: 1105113

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

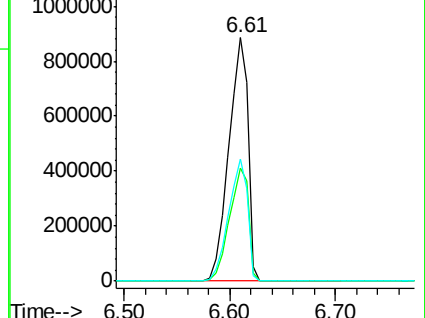
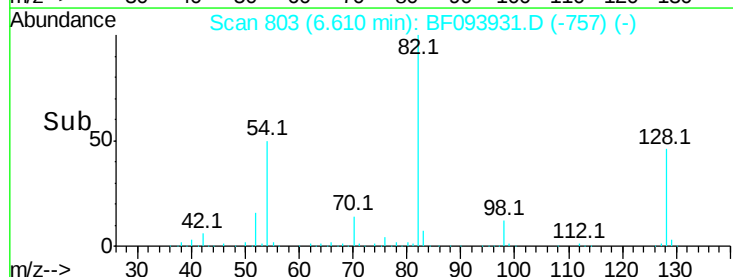
54 50.3 42.2 63.2

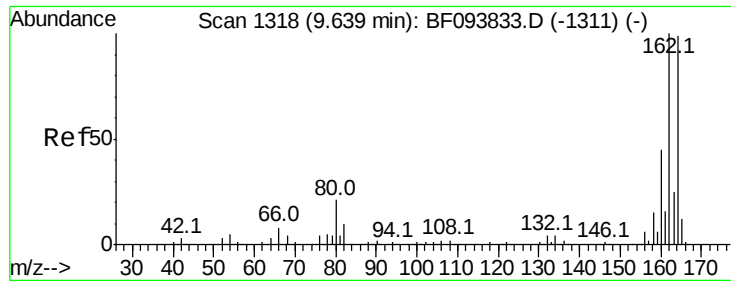


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

Instrument :

BNA_F

ClientSampleId :

B-1

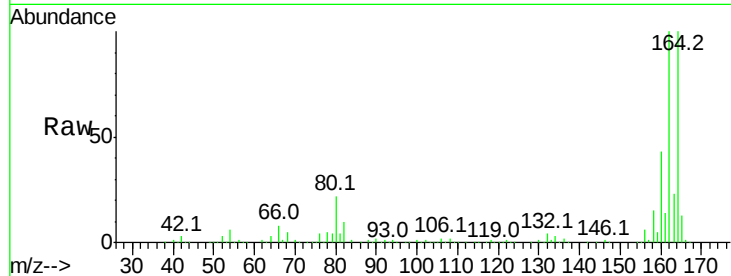
Tot Ion:164 Resp: 288701

Ion Ratio Lower Upper

164 100

162 99.7 82.6 123.8

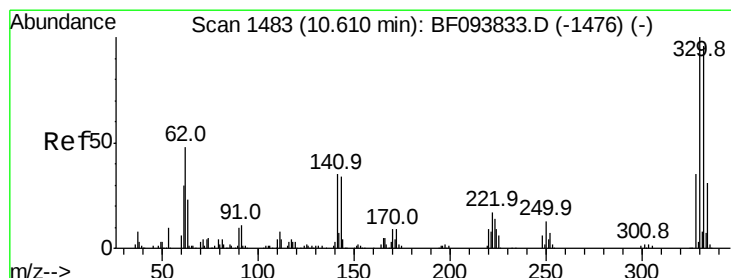
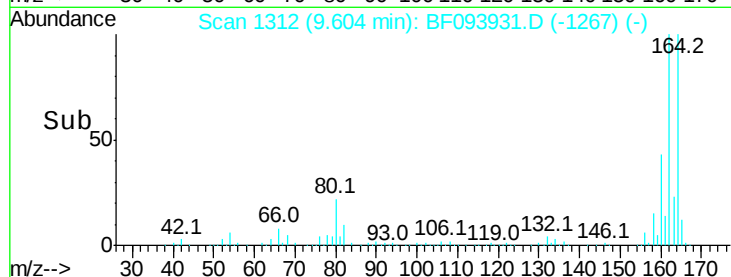
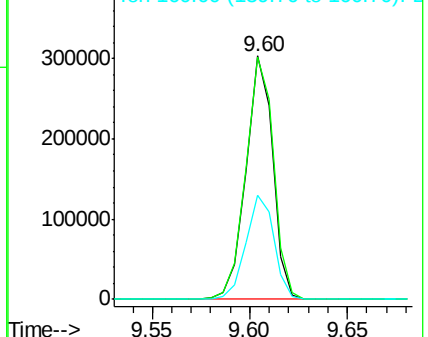
160 42.7 36.2 54.2



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: 129.30 ng

RT: 10.58 min Scan# 1478

Delta R.T. -0.03 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

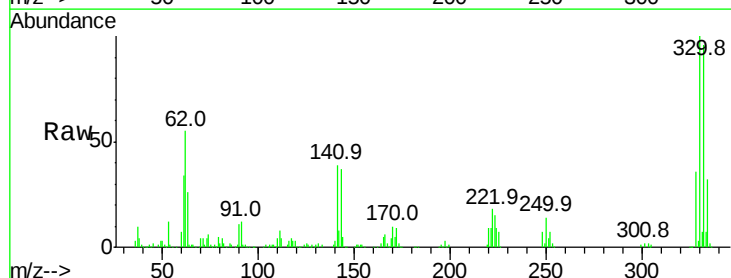
Tgt Ion:330 Resp: 294985

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

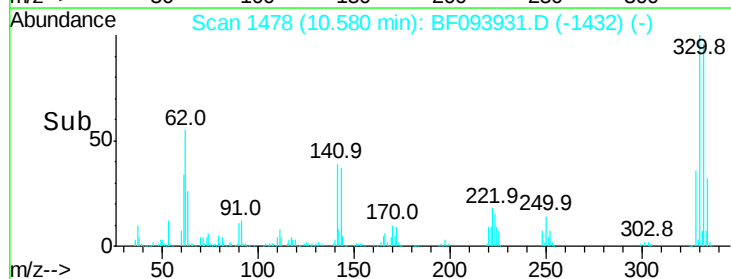
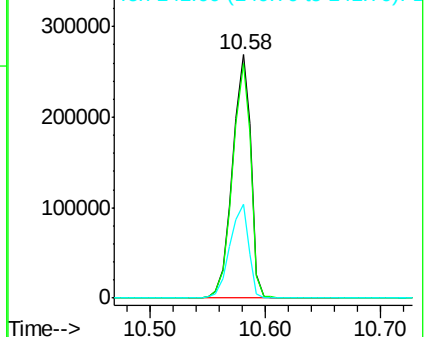
141 39.8 31.4 47.2

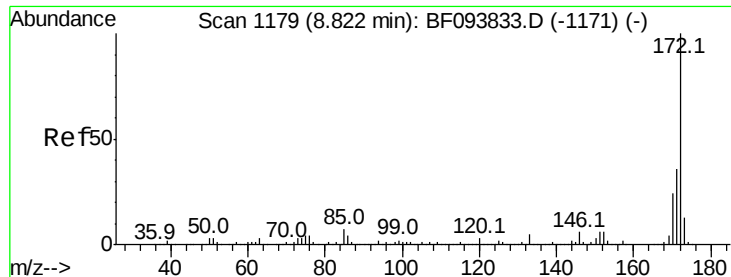


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

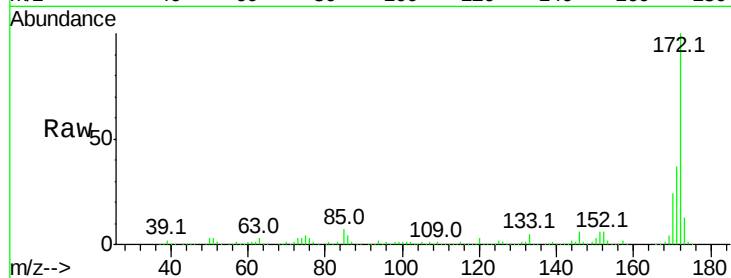




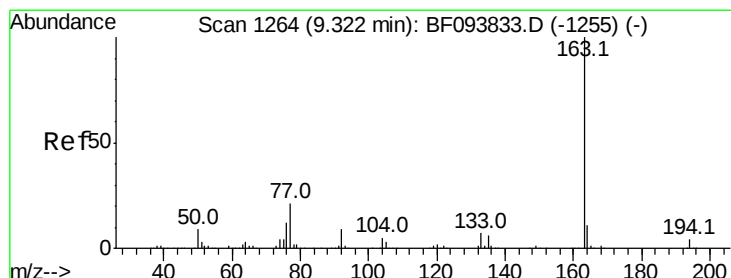
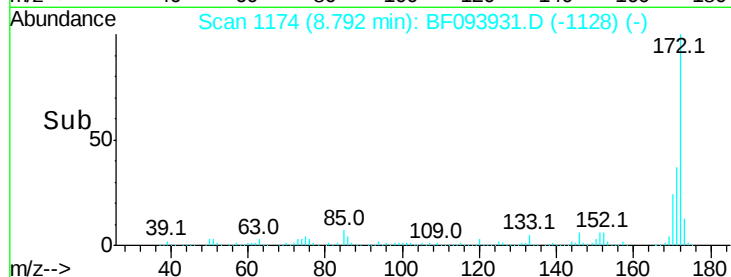
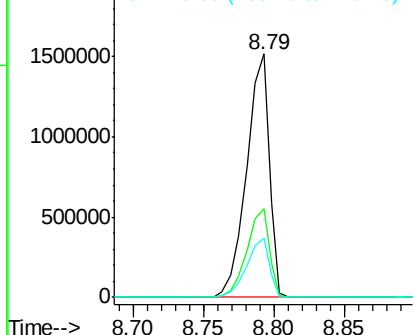
#44
2-Fluorobiphenyl
Concen: 90.31 ng
RT: 8.79 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF093931.D
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Tot Ion:172 Resp: 1709397
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.1 19.8 29.8

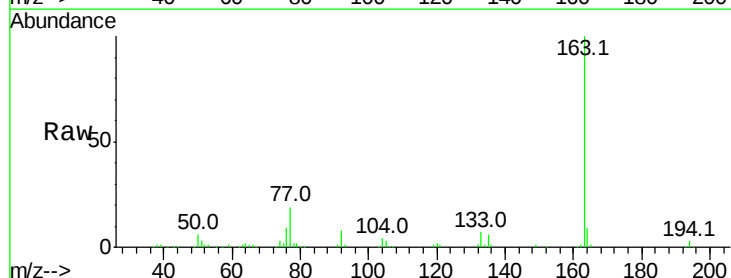


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

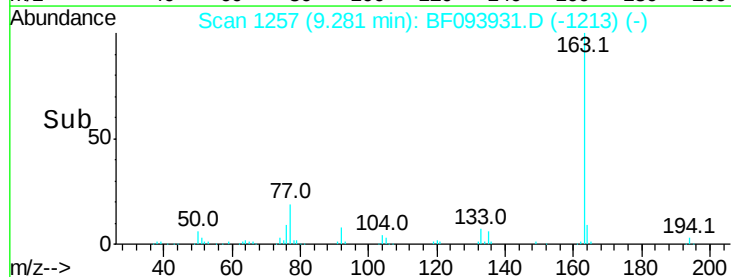
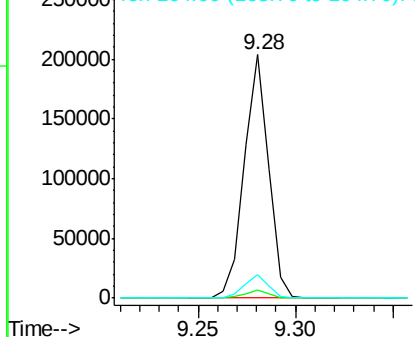


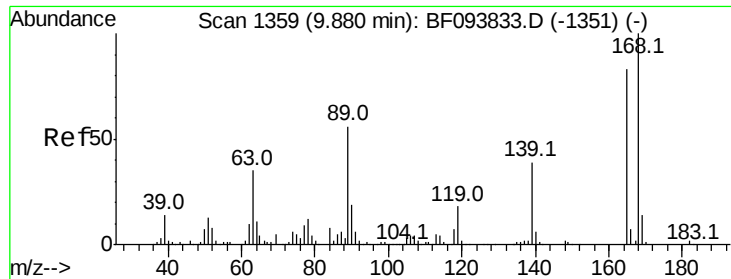
#49
Dimethylphthalate
Concen: 8.58 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093931.D
Acq: 25 Mar 2017 2:36

Tgt Ion:163 Resp: 176135
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.4 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

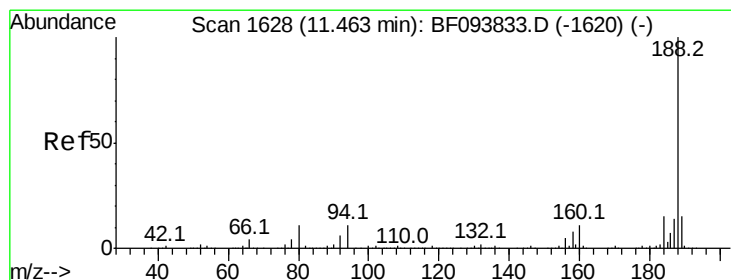
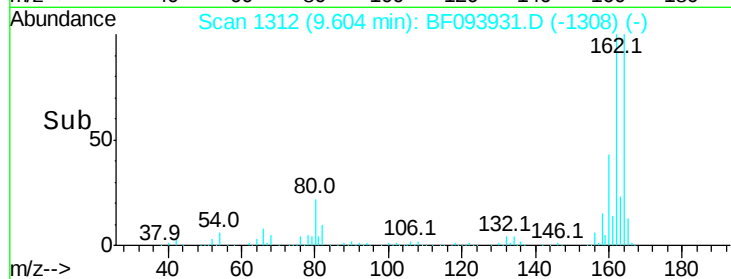
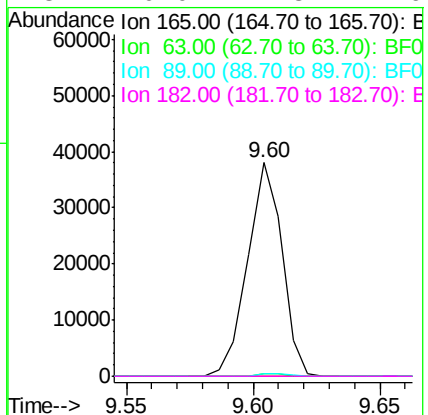
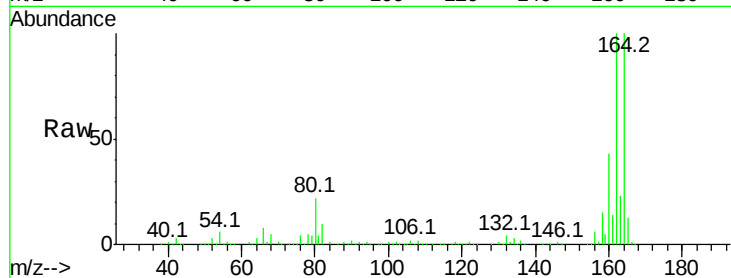




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.28 min
 Lab File: BF093931.D
 Acq: 25 Mar 2017 2:36

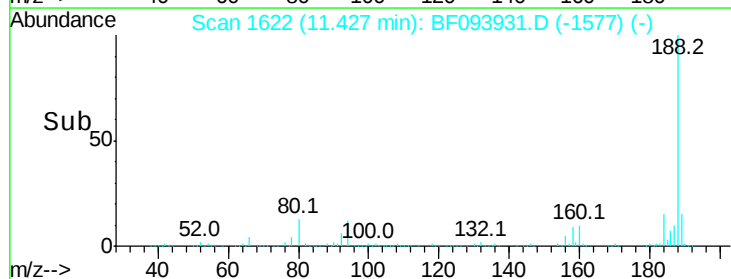
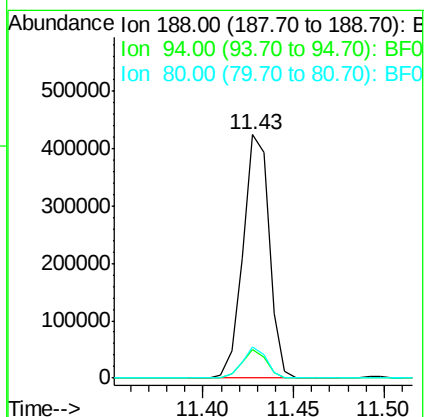
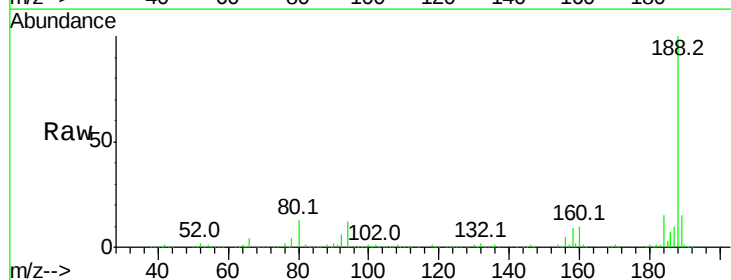
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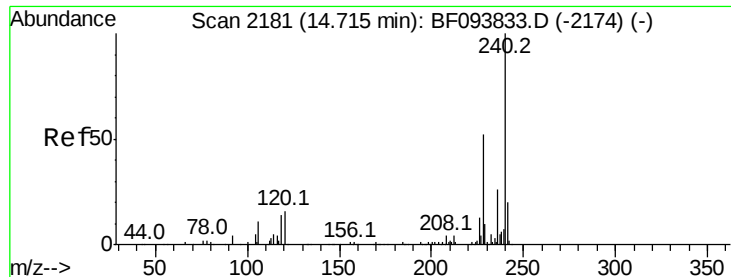
Tot Ion:	165	Resp:	36152
Ion Ratio	Lower	Upper	
165	100		
63	1.4	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF093931.D
 Acq: 25 Mar 2017 2:36

Tgt Ion:	188	Resp:	426060
Ion Ratio	Lower	Upper	
188	100		
94	11.9	9.4	14.2
80	12.7	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

Instrument :

BNA_F

ClientSampleId :

B-1

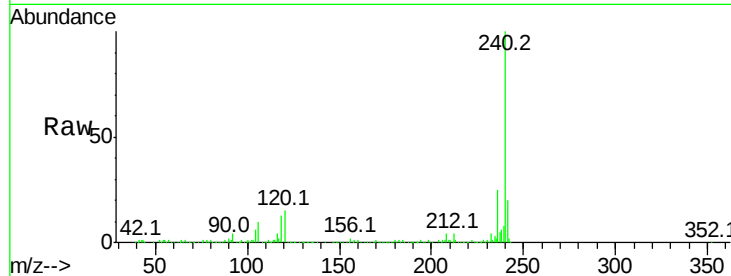
Tot Ion:240 Resp: 322238

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

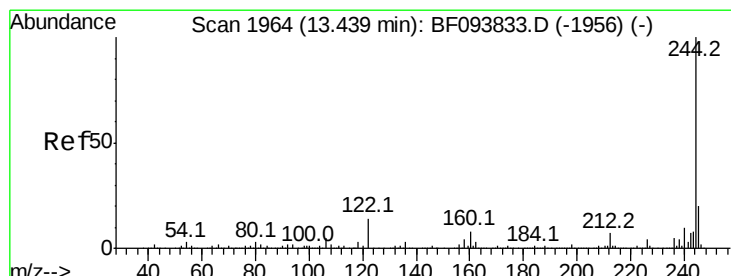
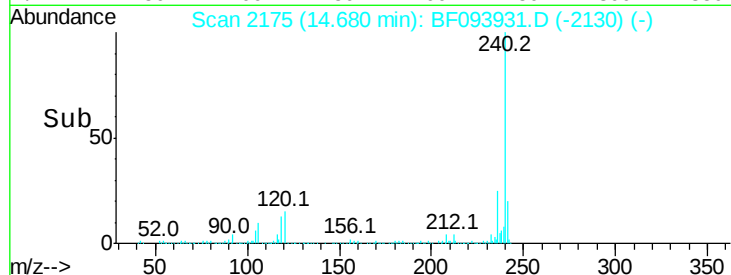
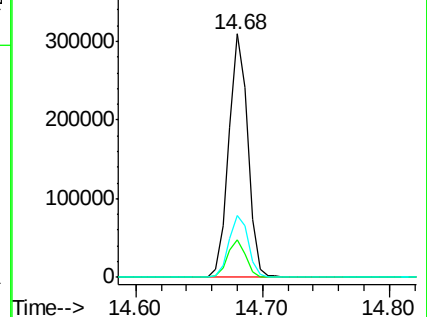
236 25.3 20.5 30.7



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: 69.38 ng

RT: 13.41 min Scan# 1959

Delta R.T. -0.03 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

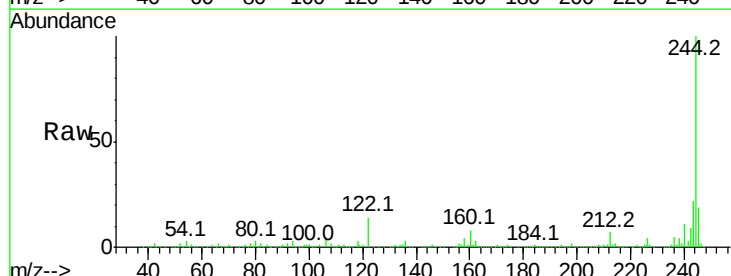
Tgt Ion:244 Resp: 997461

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

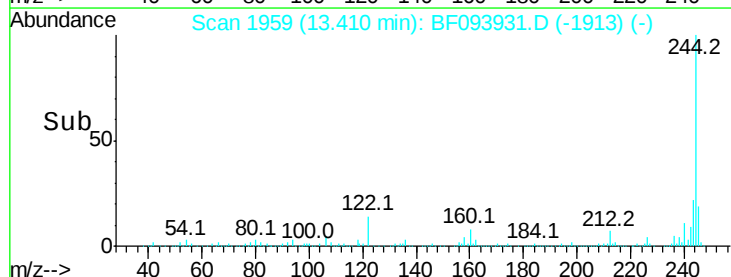
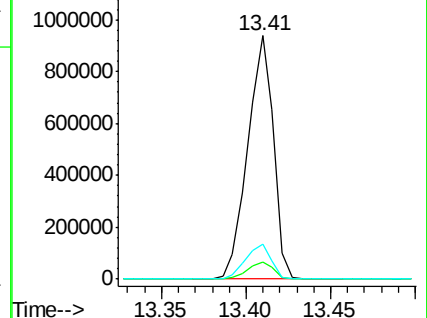
122 14.2 10.3 15.5

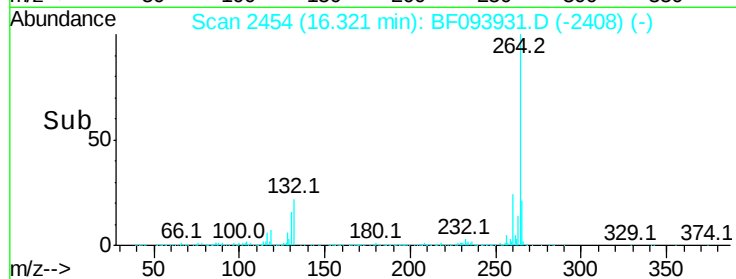
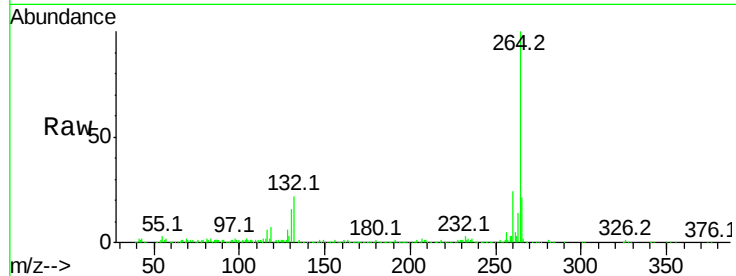
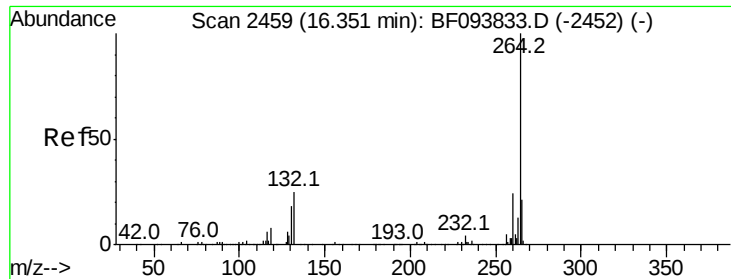


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.32 min Scan# 2454

Delta R.T. -0.03 min

Lab File: BF093931.D

Acq: 25 Mar 2017 2:36

Instrument :

BNA_F

ClientSampleId :

B-1

Tot Ion:264 Resp: 258298

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.3 17.2 25.8

