

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093914.D
 Acq On : 24 Mar 2017 18:52
 Operator : SJ/MA
 Sample : I2394-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP5

Quant Time: Mar 24 23:05:17 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

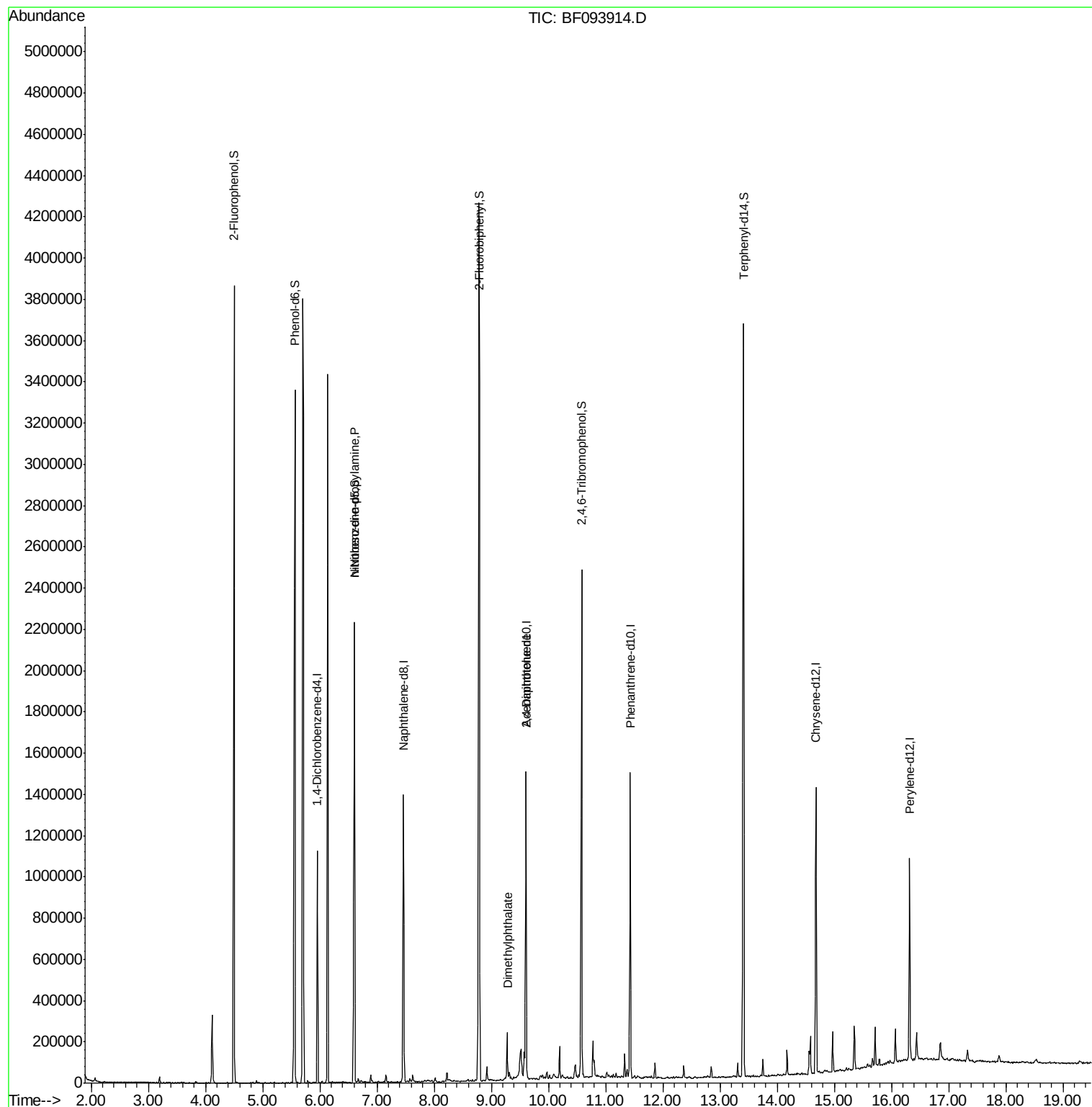
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	170954	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	700971	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	325017	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	591753	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	507985	20.00	ng	-0.04
86) Perylene-d12	16.32	264	414645	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1219408	120.48	ng	0.00
7) Phenol-d6	5.56	99	1533751	122.49	ng	0.00
23) Nitrobenzene-d5	6.61	82	948970	77.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	338202	131.68	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1707398	80.13	ng	-0.04
78) Terphenyl-d14	13.42	244	1484142	65.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.61	70	128571	15.98	ng	# 76
49) Dimethylphthalate	9.28	163	99997	4.33	ng	98
56) 2,4-Dinitrotoluene	9.60	165	41250	6.20	ng	# 33

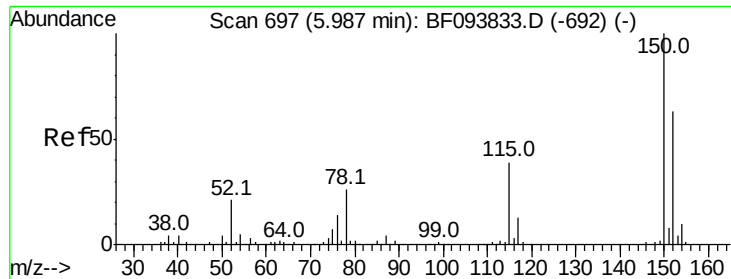
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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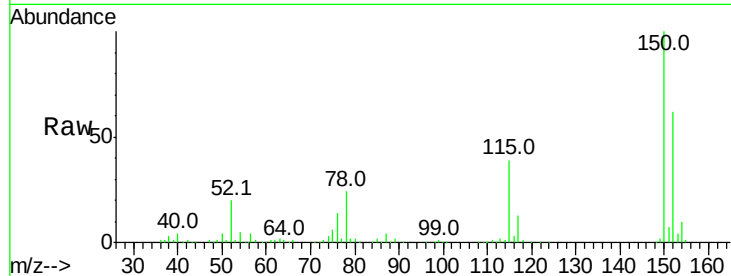


#1

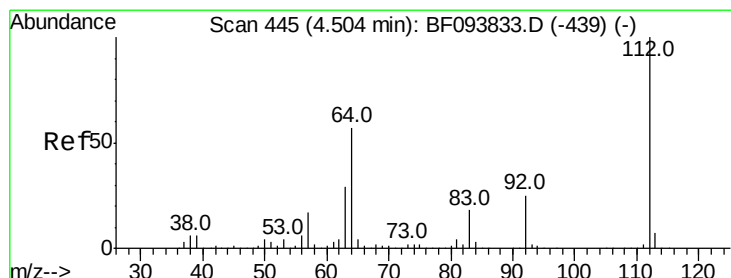
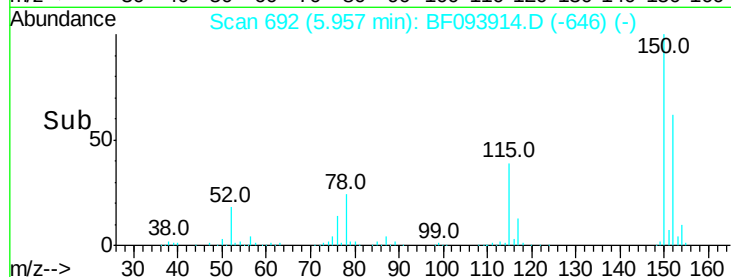
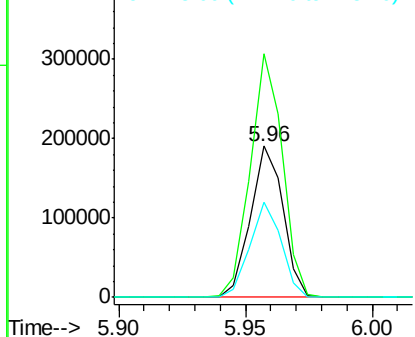
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093914.D
Acq: 24 Mar 2017 18:52

Instrument :
BNA_F
ClientSampleId :
COMP5

Tot Ion:152 Resp: 170954
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.2
115 62.9 52.2 78.2



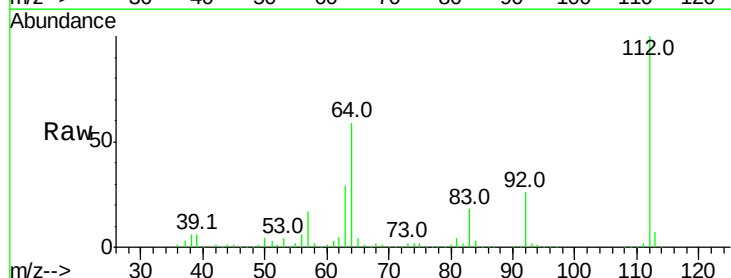
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



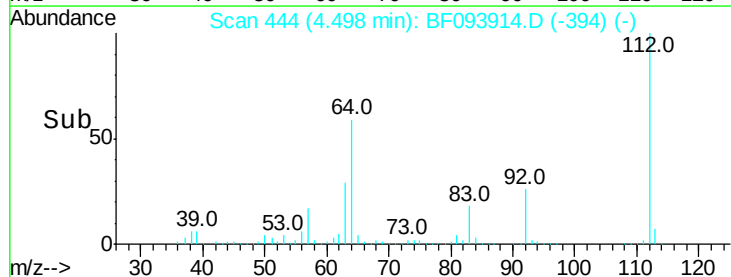
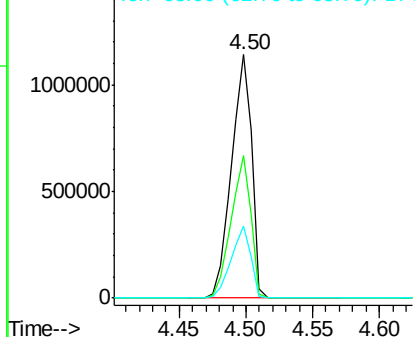
#5

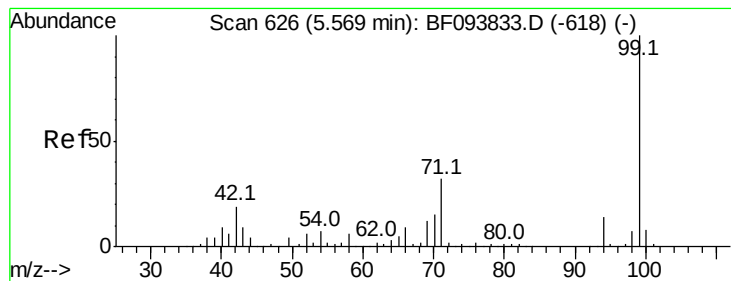
2-Fluorophenol
Concen: 120.48 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093914.D
Acq: 24 Mar 2017 18:52

Tgt Ion:112 Resp: 1219408
Ion Ratio Lower Upper
112 100
64 58.5 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: 122.49 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093914.D

Acq: 24 Mar 2017 18:52

Instrument :

BNA_F

ClientSampleId :

COMP5

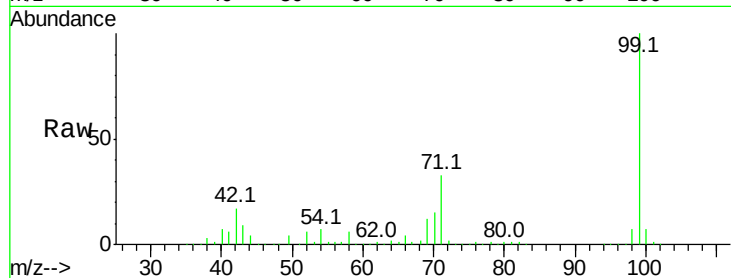
Tot Ion: 99 Resp: 1533751

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

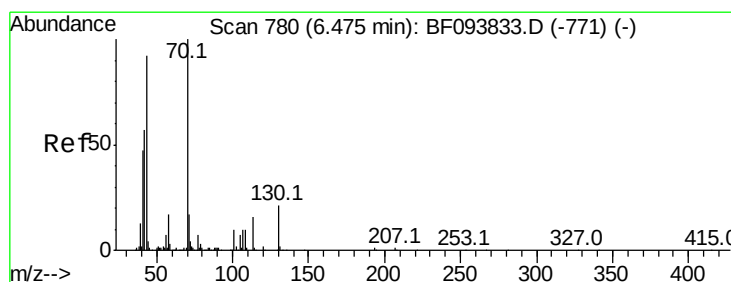
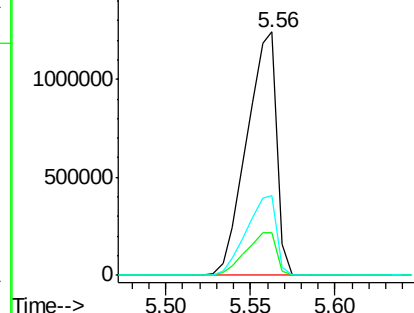
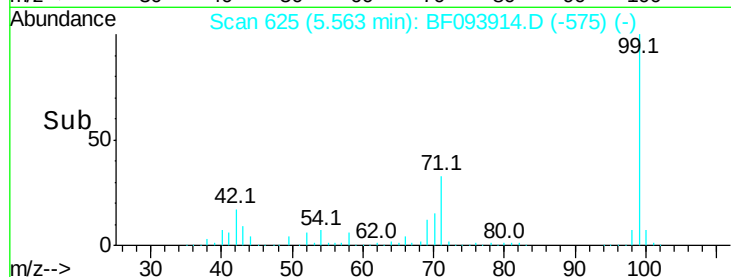
71 32.6 24.5 36.7



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: 15.98 ng

RT: 6.61 min Scan# 803

Delta R.T. 0.14 min

Lab File: BF093914.D

Acq: 24 Mar 2017 18:52

Tgt Ion: 70 Resp: 128571

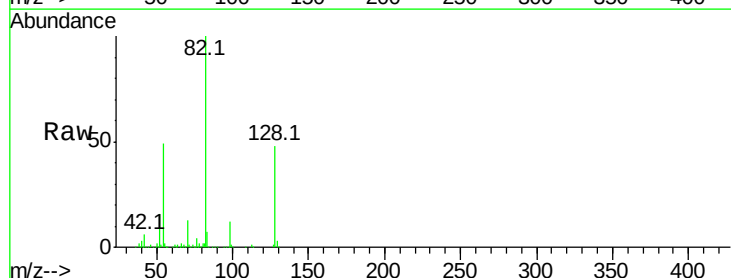
Ion Ratio Lower Upper

70 100

42 44.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

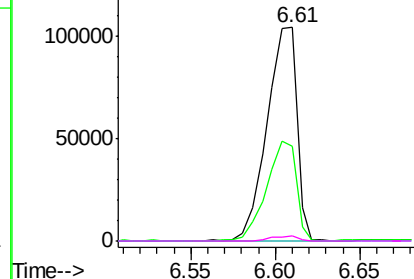
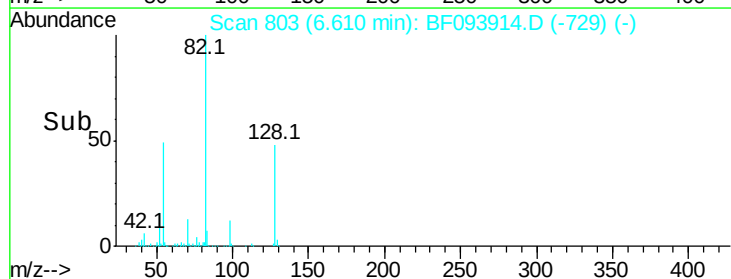


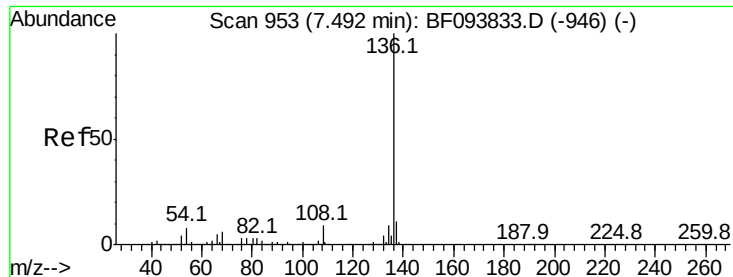
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF093914.D

Acq: 24 Mar 2017 18:52

Instrument :

BNA_F

ClientSampleId :

COMP5

Tot Ion:136 Resp: 700971

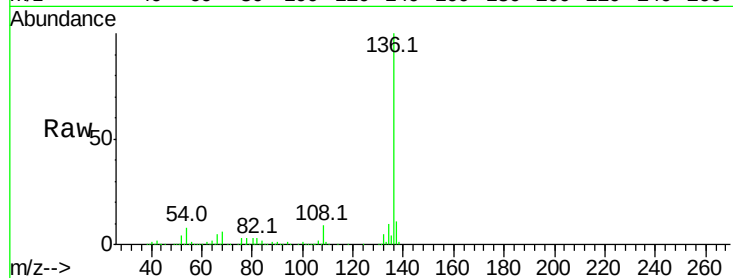
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#

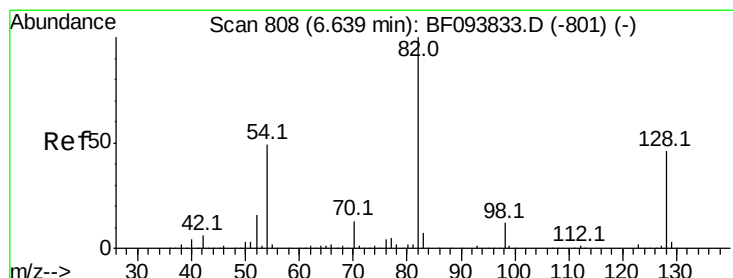
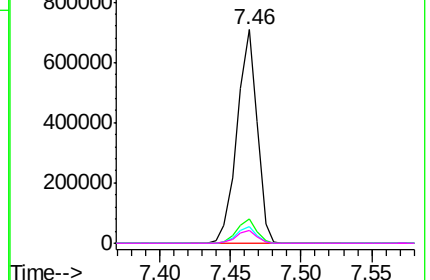
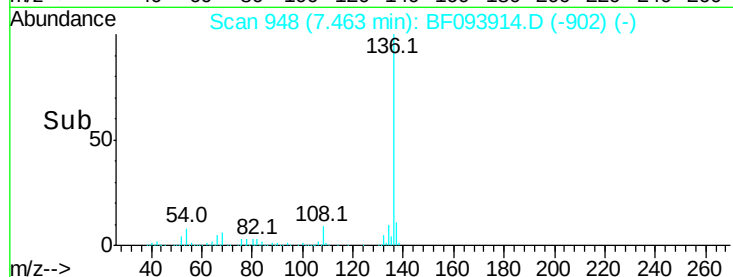


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.26 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF093914.D

Acq: 24 Mar 2017 18:52

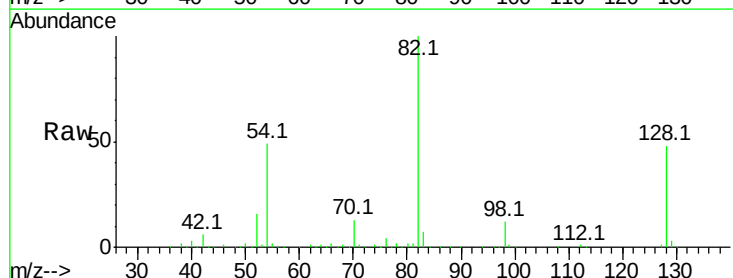
Tgt Ion: 82 Resp: 948970

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

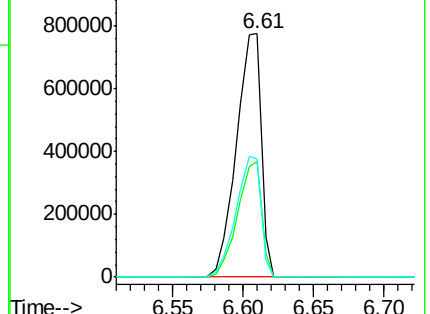
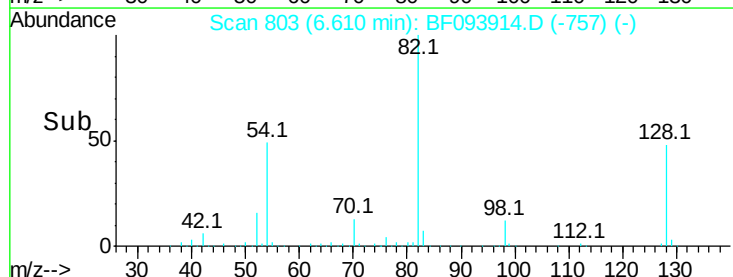
54 48.6 42.2 63.2

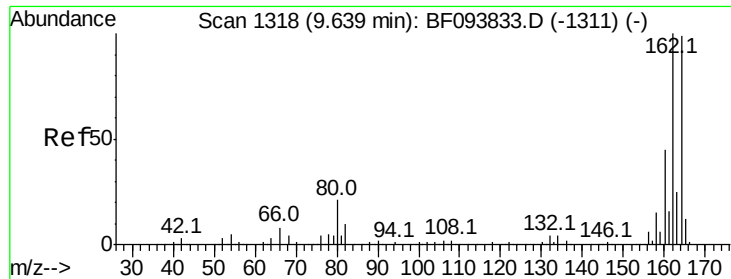


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

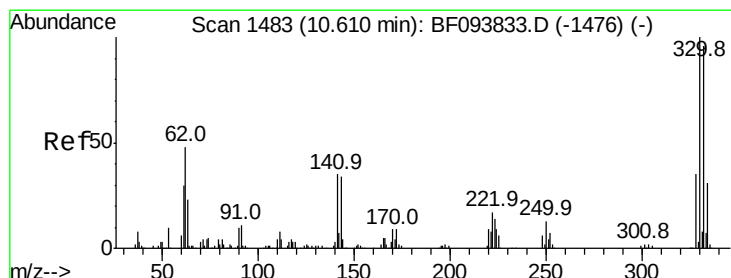
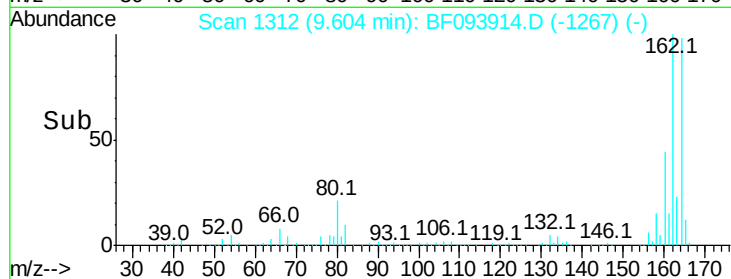
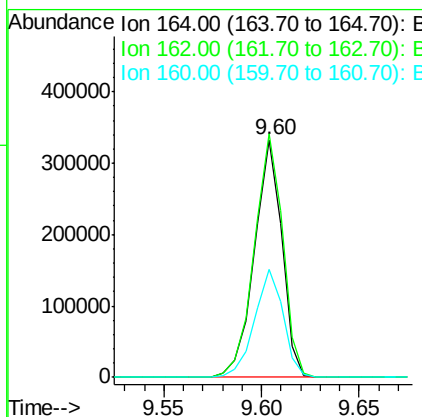
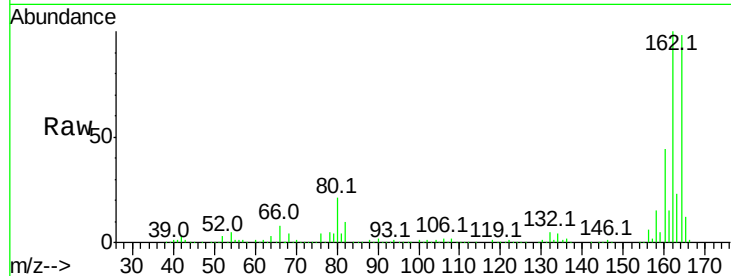




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093914.D
Acq: 24 Mar 2017 18:52

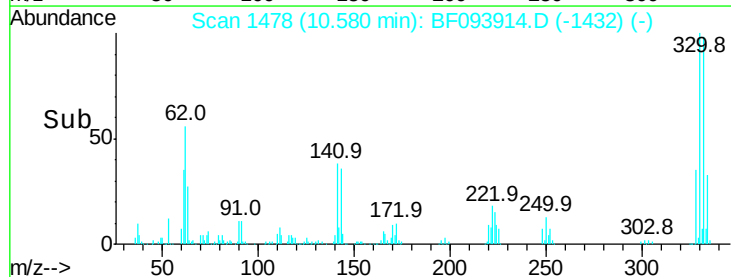
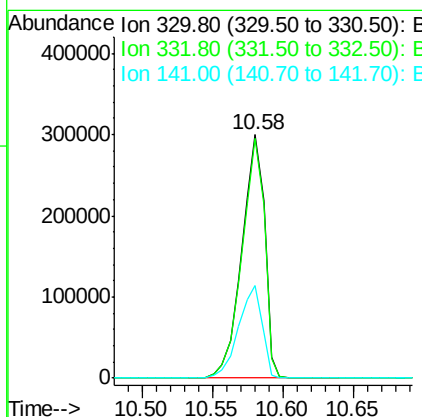
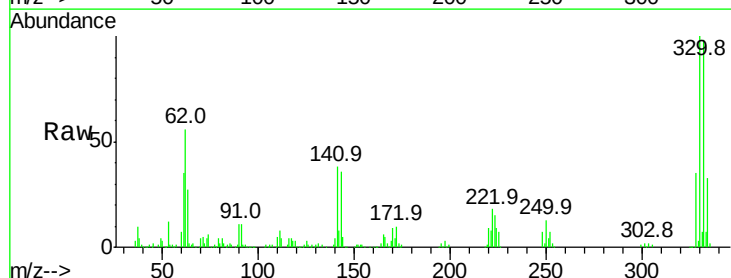
Instrument :
BNA_F
ClientSampleId :
COMP5

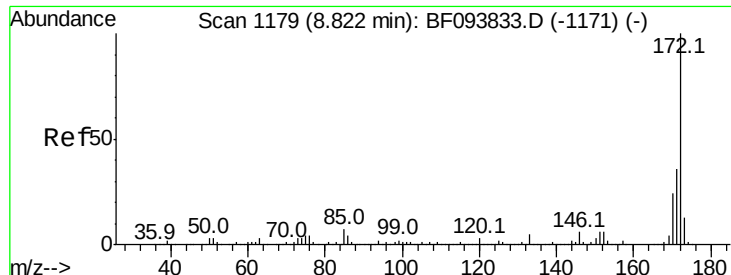
Tot Ion:164 Resp: 325017
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 45.4 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 131.68 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.03 min
Lab File: BF093914.D
Acq: 24 Mar 2017 18:52

Tgt Ion:330 Resp: 338202
Ion Ratio Lower Upper
330 100
332 97.8 76.6 115.0
141 39.6 31.4 47.2

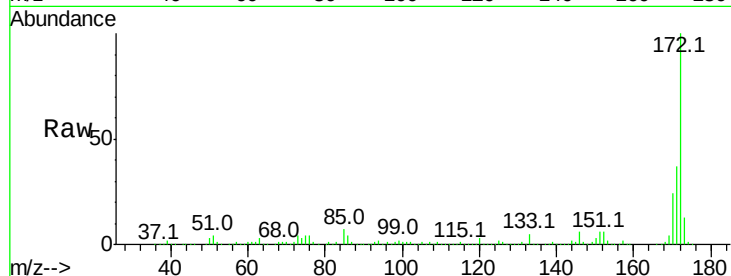




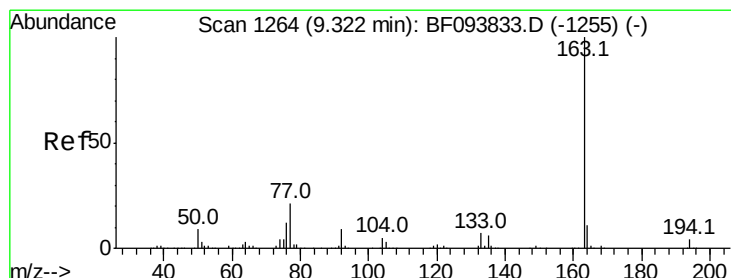
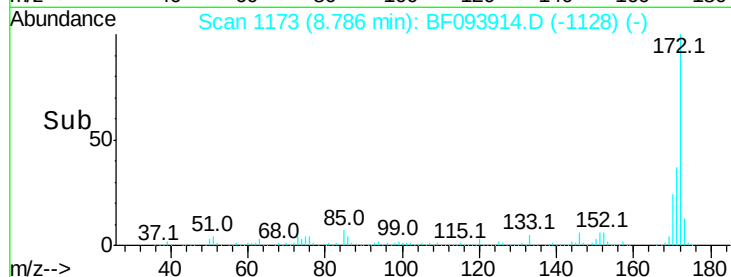
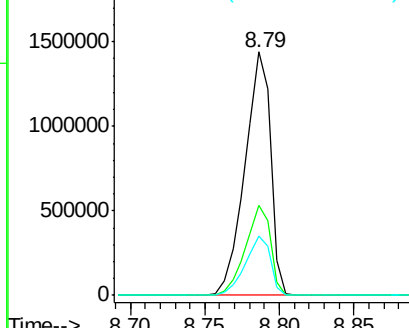
#44
2-Fluorobiphenyl
Concen: 80.13 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BF093914.D
Acq: 24 Mar 2017 18:52

Instrument :
BNA_F
ClientSampleId :
COMP5

Tot Ion:172 Resp: 1707398
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 24.3 19.8 29.8

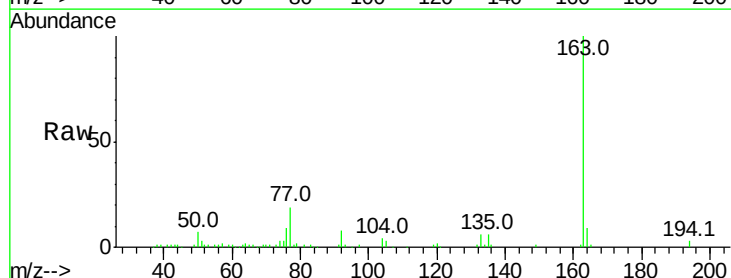


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

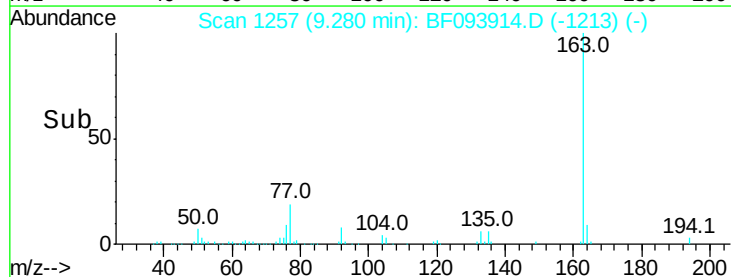
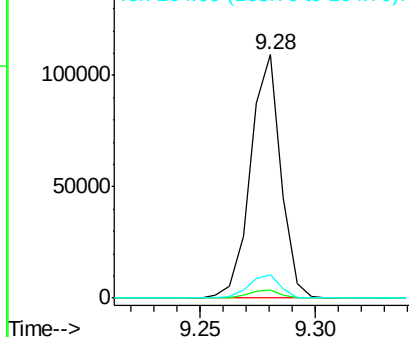


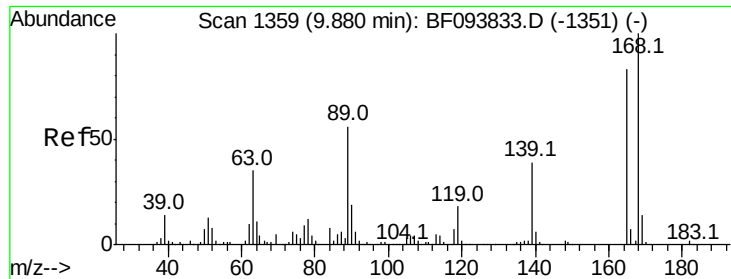
#49
Dimethylphthalate
Concen: 4.33 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF093914.D
Acq: 24 Mar 2017 18:52

Tgt Ion:163 Resp: 99997
Ion Ratio Lower Upper
163 100
194 3.5 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

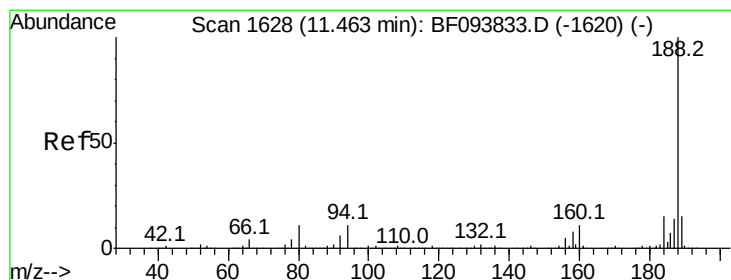
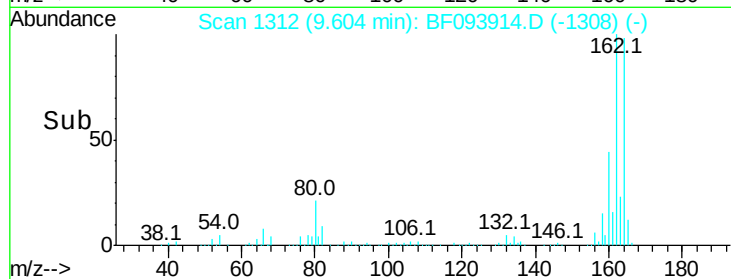
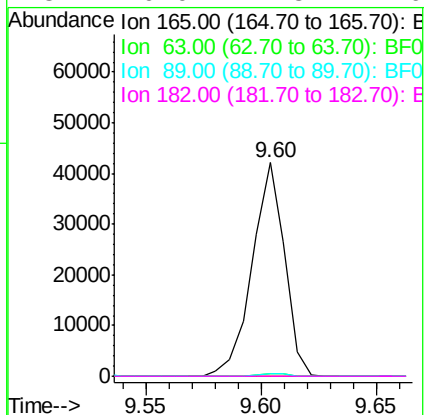
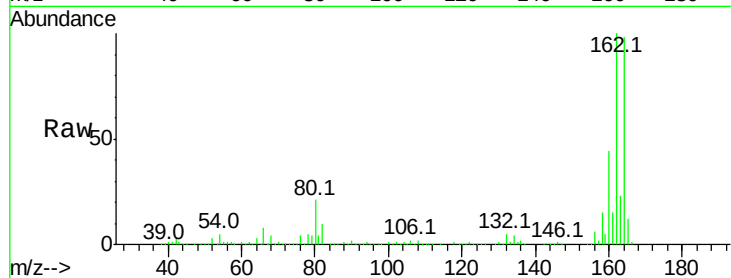




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.28 min
 Lab File: BF093914.D
 Acq: 24 Mar 2017 18:52

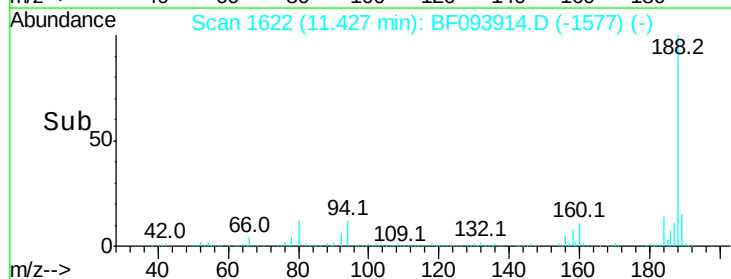
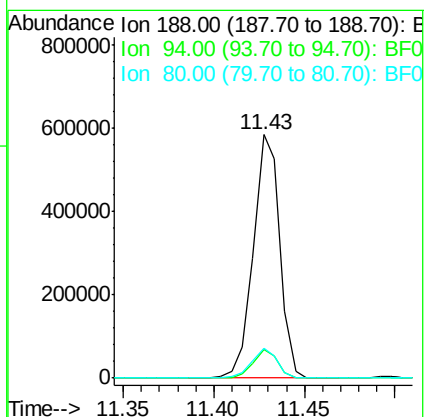
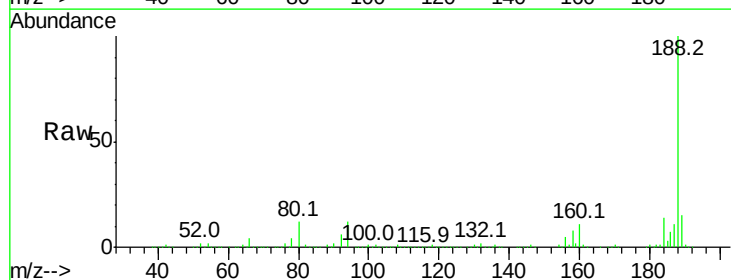
Instrument :
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 ClientSampleId :
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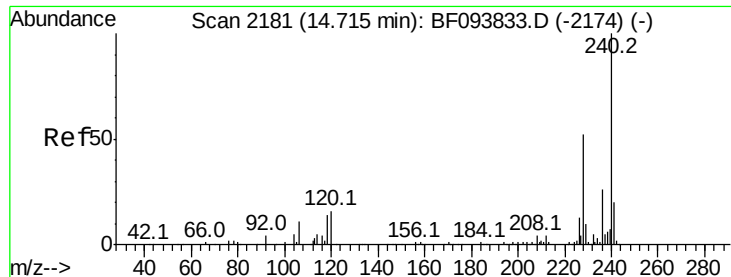
Tot Ion:	165	Resp:	41250
Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF093914.D
 Acq: 24 Mar 2017 18:52

Tgt Ion:	188	Resp:	591753
Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.1	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: BF093914.D

Acq: 24 Mar 2017 18:52

Instrument :

BNA_F

ClientSampleId :

COMP5

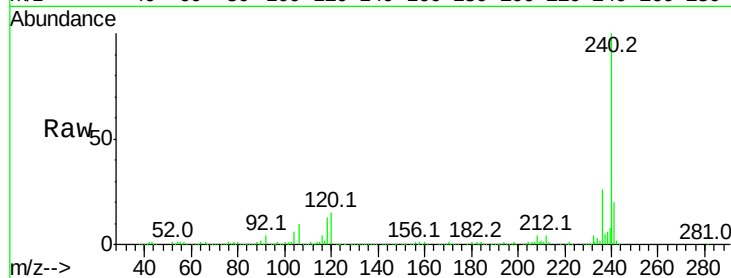
Tot Ion:240 Resp: 507985

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

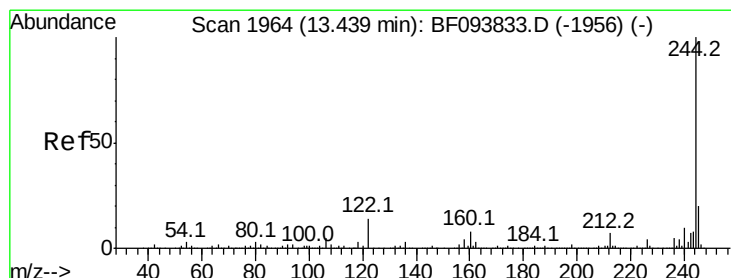
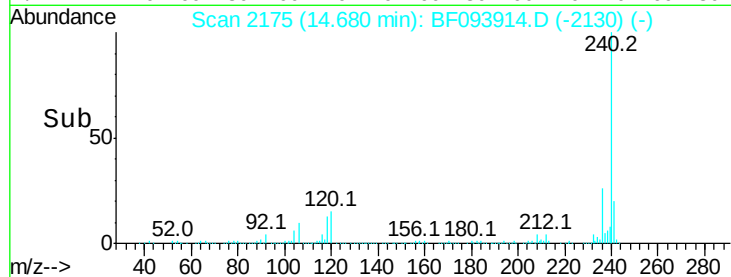
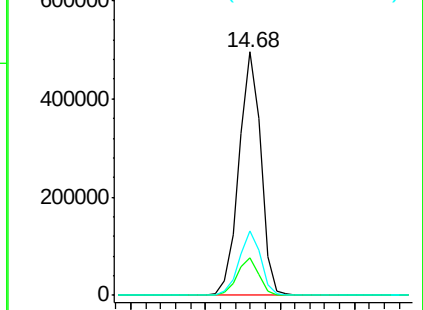
236 26.3 20.5 30.7



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: 65.49 ng

RT: 13.42 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BF093914.D

Acq: 24 Mar 2017 18:52

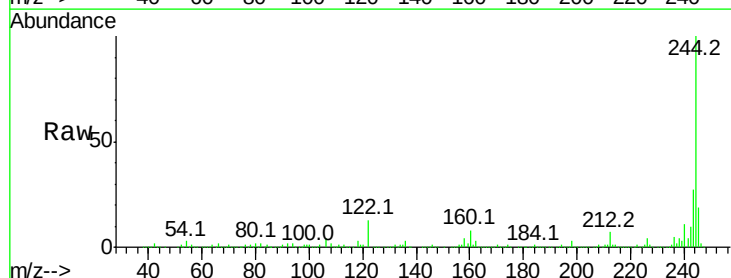
Tgt Ion:244 Resp: 1484142

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

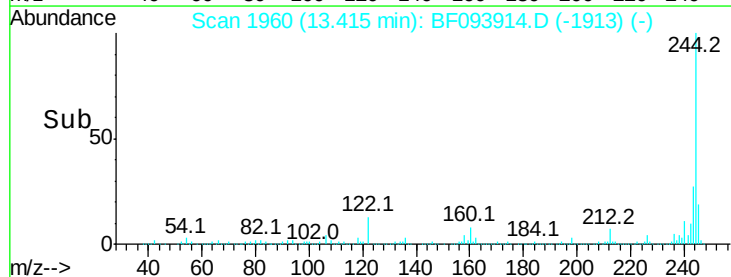
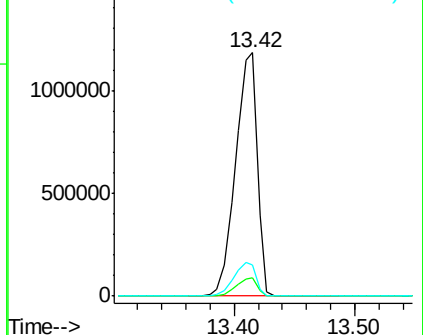
122 12.8 10.3 15.5

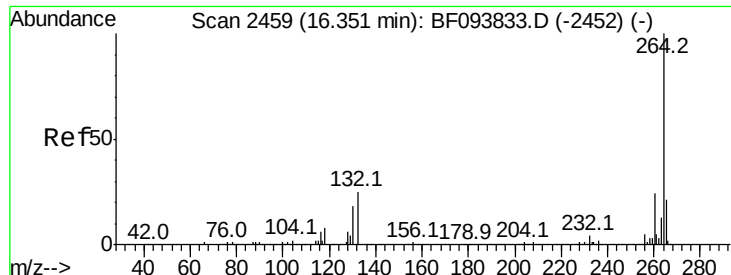


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

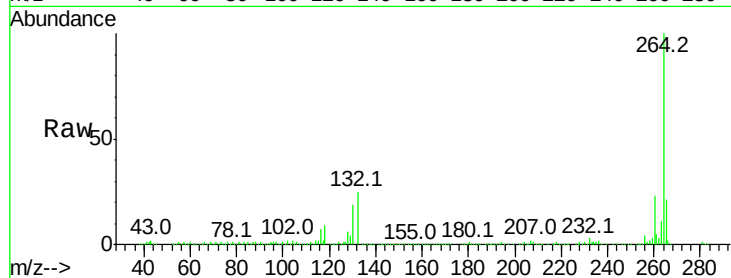




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.32 min Scan# 2453
 Delta R.T. -0.04 min
 Lab File: BF093914.D
 Acq: 24 Mar 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 COMP5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	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

