

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093917.D
 Acq On : 24 Mar 2017 20:14
 Operator : SJ/MA
 Sample : I2394-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

Quant Time: Mar 24 23:05:50 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

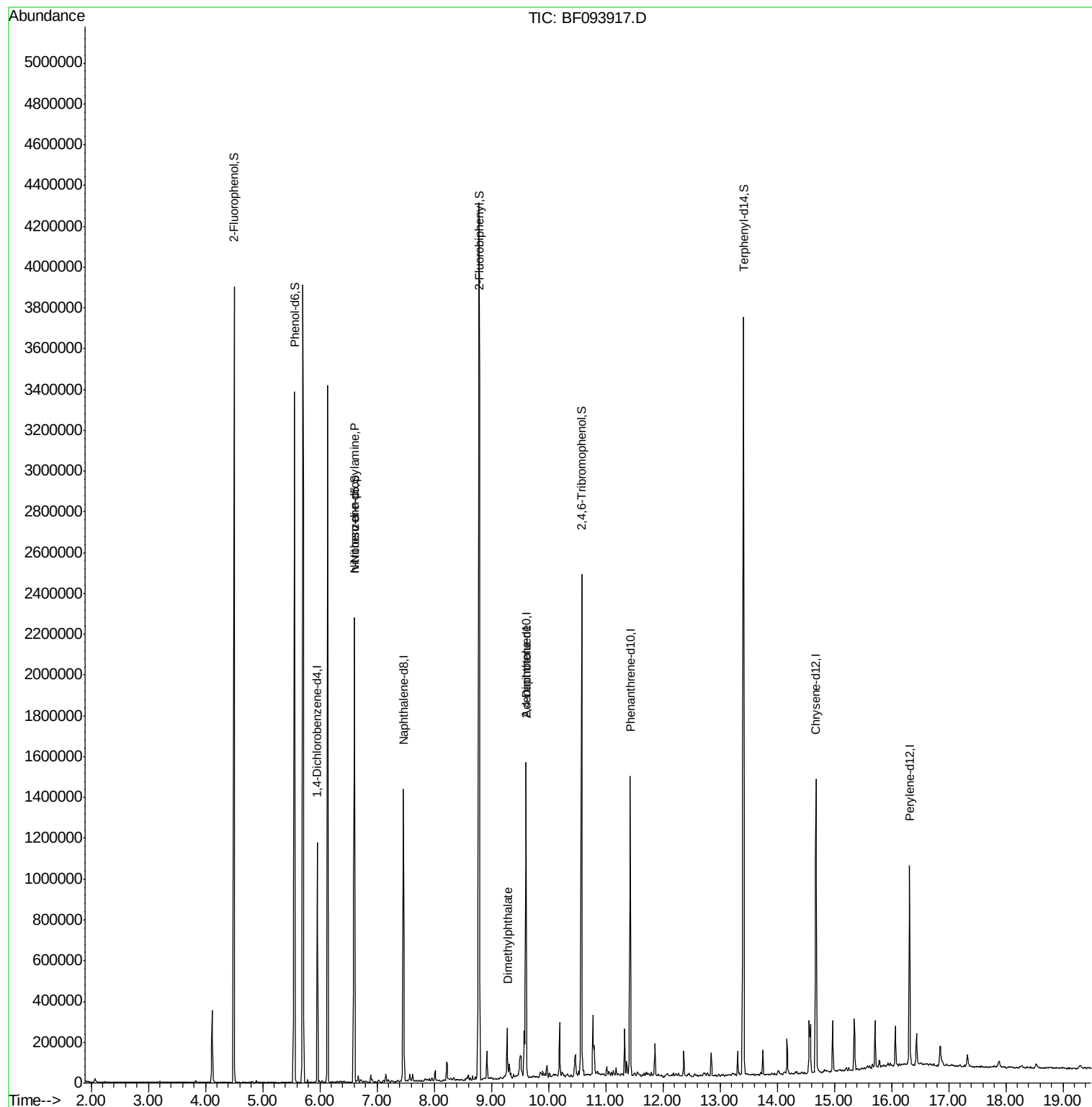
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	178459	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	734511	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	341675	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	621537	20.00	ng	-0.04
75) Chrysene-d12	14.68	240	538814	20.00	ng	-0.04
86) Perylene-d12	16.32	264	402742	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	1234265	116.82	ng	0.00
7) Phenol-d6	5.56	99	1583054	121.11	ng	-0.01
23) Nitrobenzene-d5	6.60	82	972834	75.59	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	347558	128.73	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	1756971	78.43	ng	-0.04
78) Terphenyl-d14	13.42	244	1521331	63.29	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.60	70	131109	15.61	ng	# 78
49) Dimethylphthalate	9.28	163	111415	4.59	ng	99
56) 2,4-Dinitrotoluene	9.60	165	44467	6.36	ng	# 33

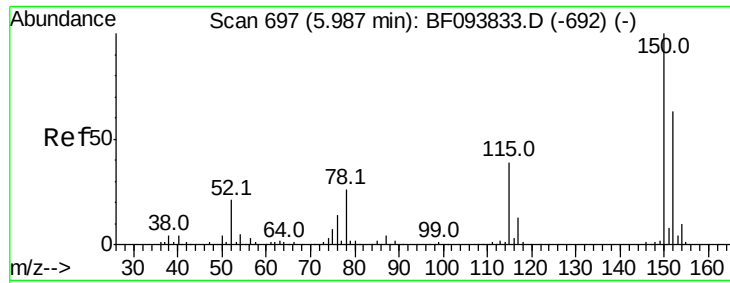
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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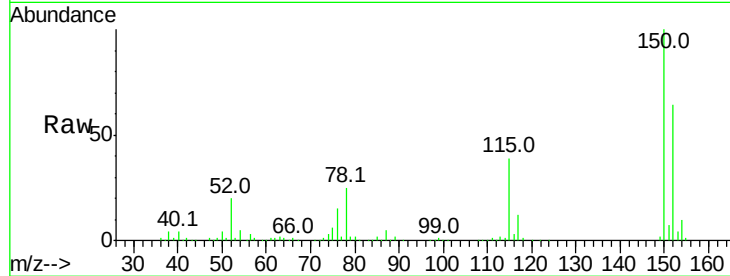


#1

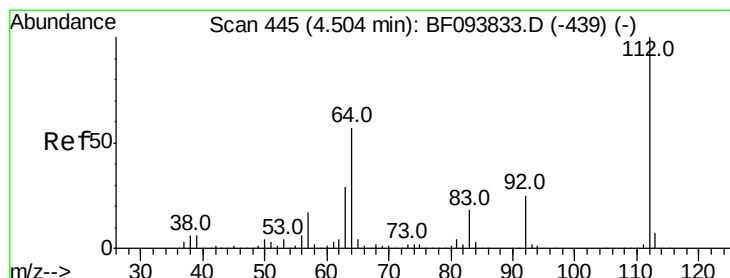
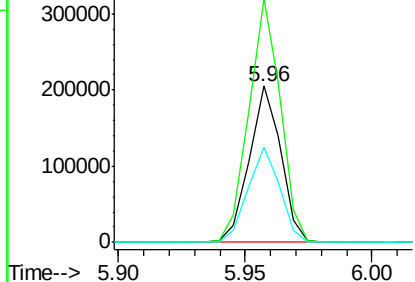
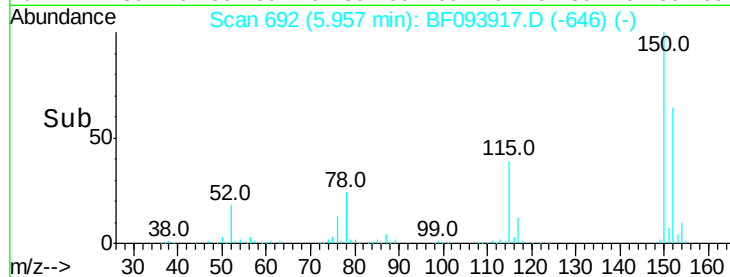
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Instrument :
BNA_F
ClientSampleId :
COMP2

Tot Ion:152 Resp: 178459
Ion Ratio Lower Upper
152 100
150 155.9 126.2 189.2
115 61.0 52.2 78.2



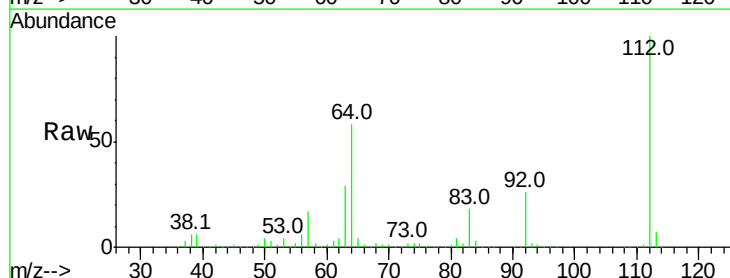
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



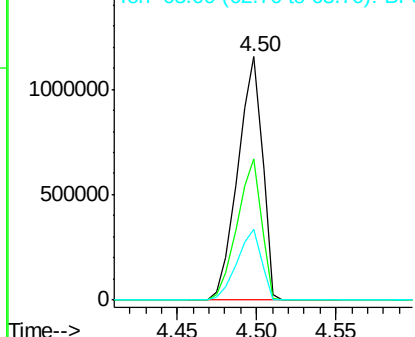
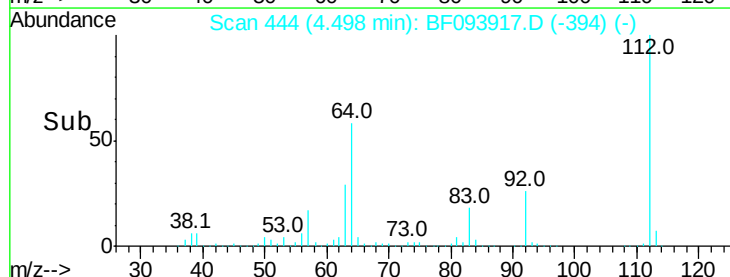
#5

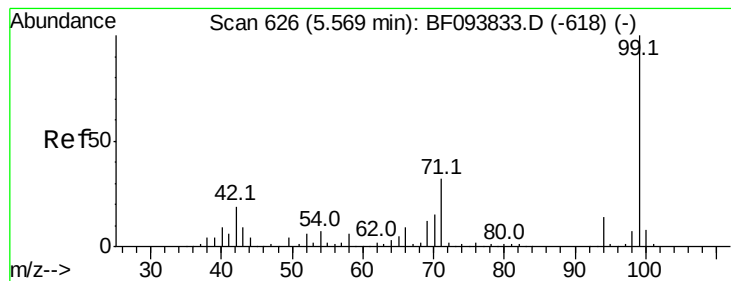
2-Fluorophenol
Concen: 116.82 ng
RT: 4.50 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Tgt Ion:112 Resp: 1234265
Ion Ratio Lower Upper
112 100
64 57.7 46.0 69.0
63 28.9 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: 121.11 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Instrument :

BNA_F

ClientSampleId :

COMP2

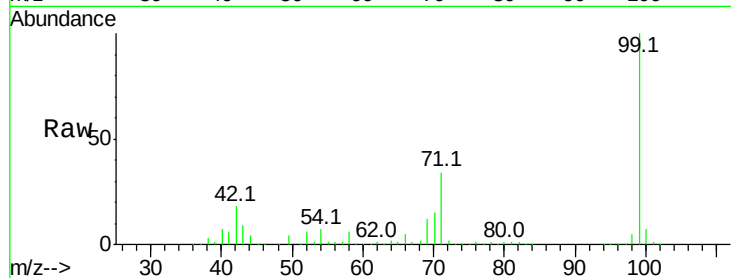
Tot Ion: 99 Resp: 1583054

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

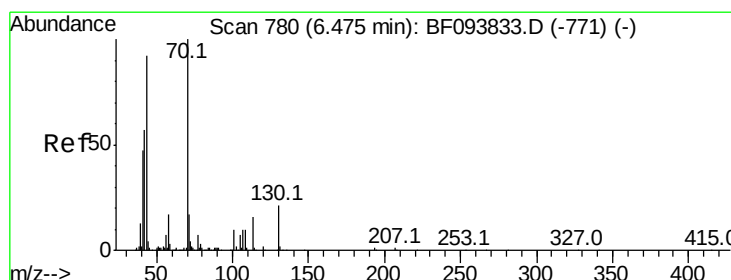
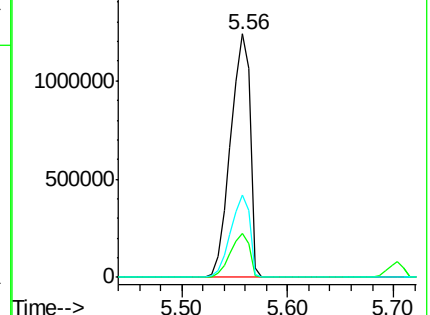
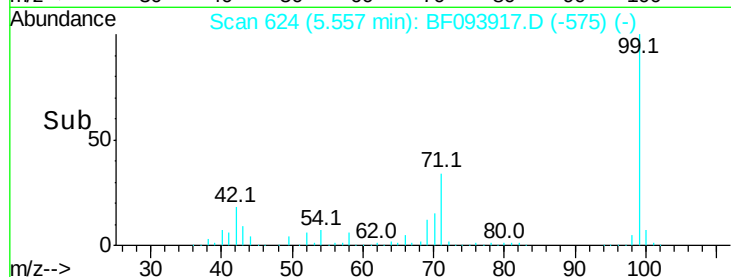
71 34.0 24.5 36.7



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: 15.61 ng

RT: 6.60 min Scan# 802

Delta R.T. 0.13 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Tgt Ion: 70 Resp: 131109

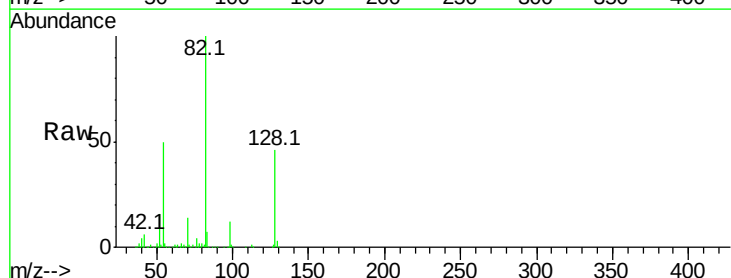
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

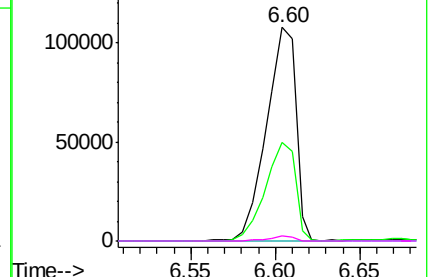
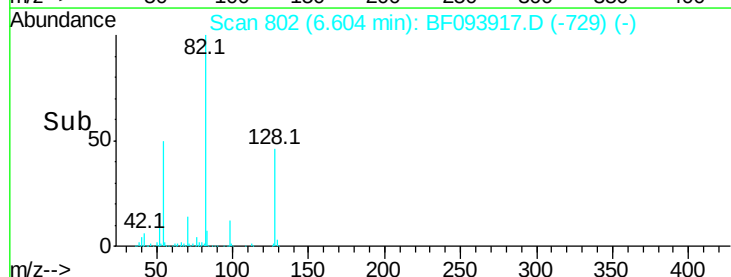


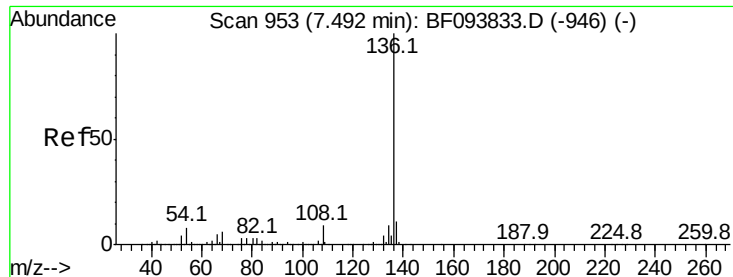
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF093917.D

Acq: 24 Mar 2017 20:14

Instrument :

BNA_F

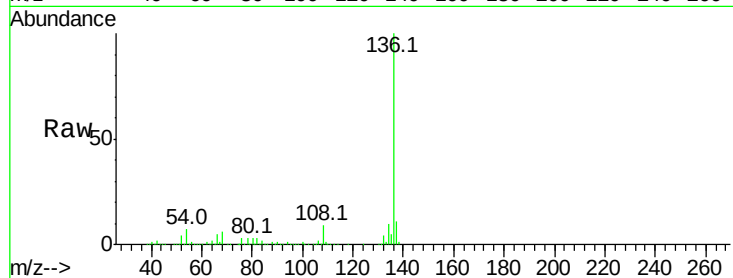
ClientSampleId :

COMP2

Tot Ion:136 Resp: 734511

Ion Ratio Lower Upper

136	100		
137	10.8	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1

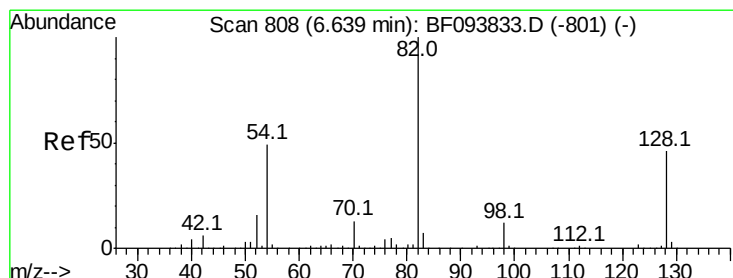
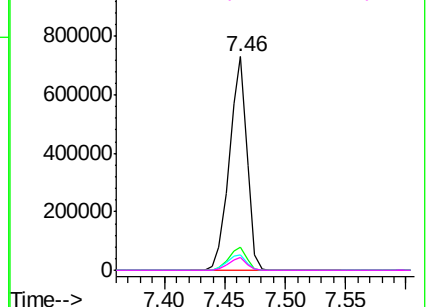
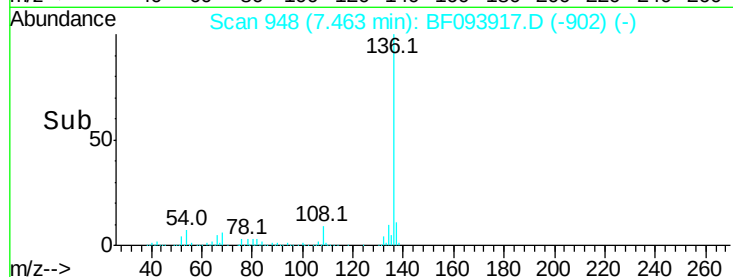


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.59 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.04 min

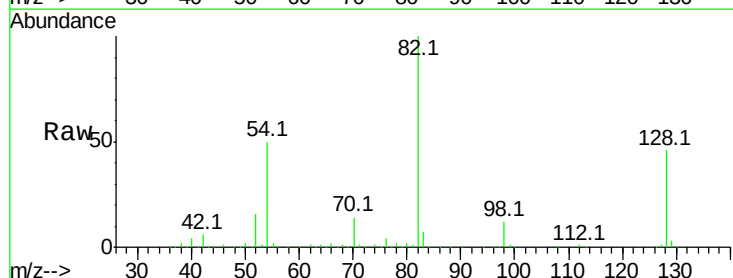
Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Tgt Ion: 82 Resp: 972834

Ion Ratio Lower Upper

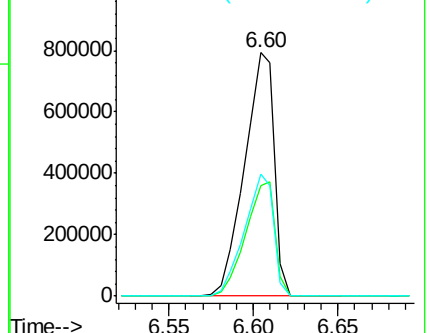
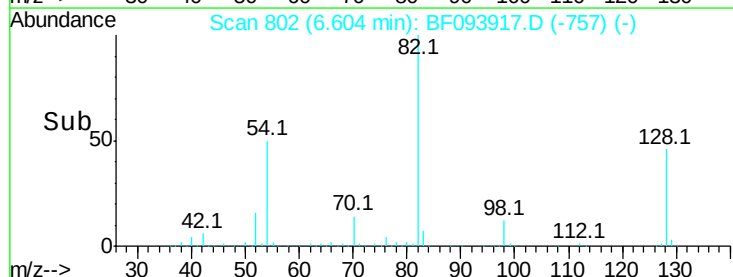
82	100		
128	45.5	34.0	51.0
54	50.3	42.2	63.2

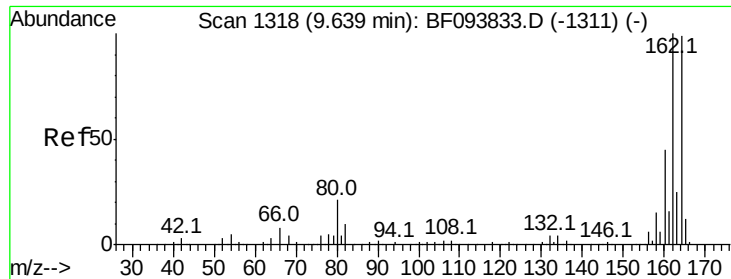


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

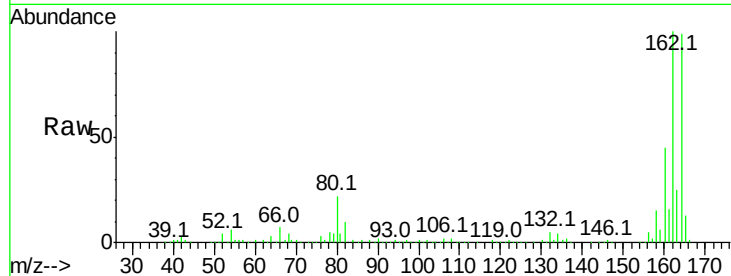




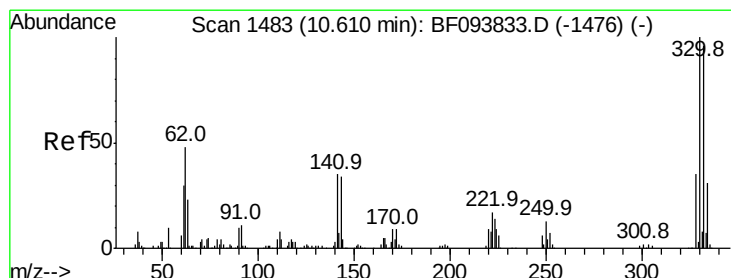
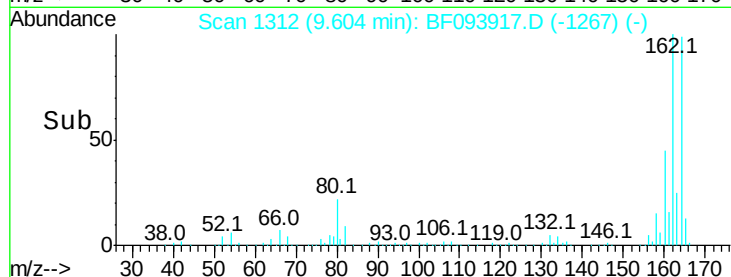
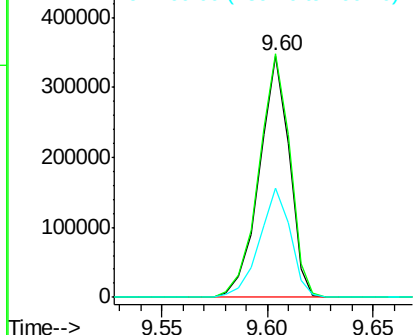
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Instrument :
BNA_F
ClientSampleId :
COMP2

Tot Ion:164 Resp: 341675
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 45.5 36.2 54.2

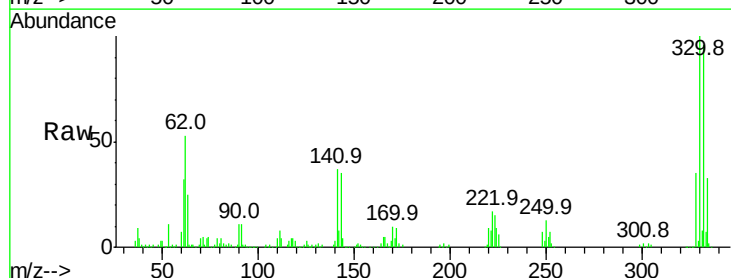


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

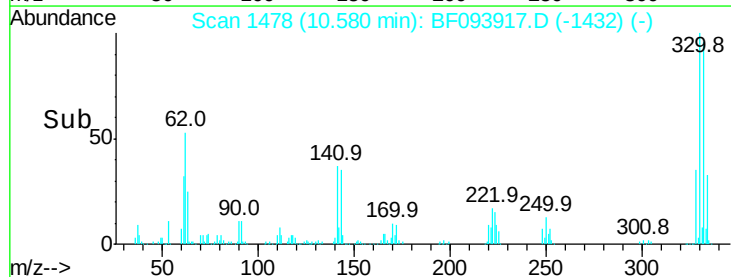
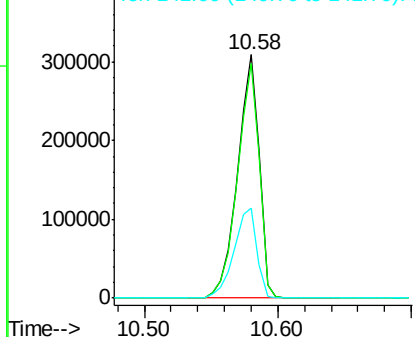


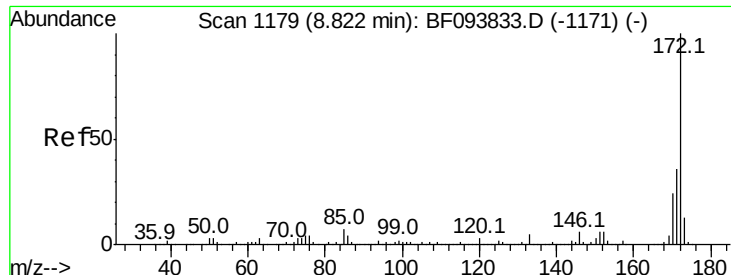
#41
2,4,6-Tribromophenol
Concen: 128.73 ng
RT: 10.58 min Scan# 1478
Delta R.T. -0.03 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Tgt Ion:330 Resp: 347558
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 39.4 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



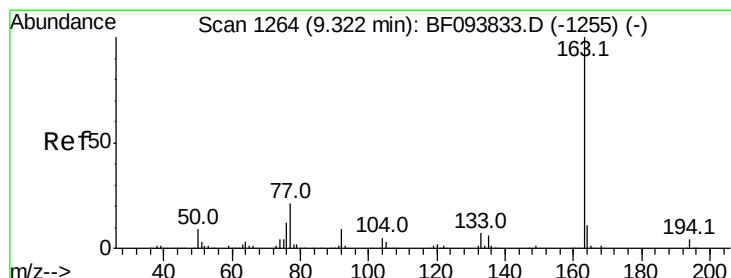
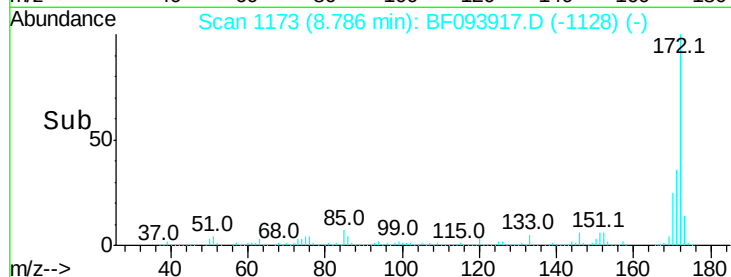
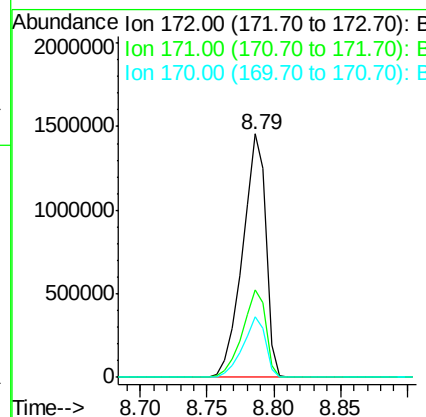
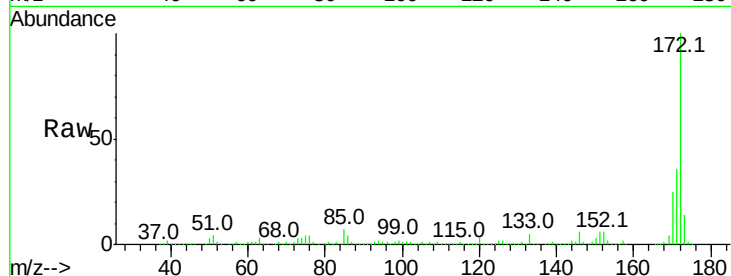


#44
 2-Fluorobiphenyl
 Concen: 78.43 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

Tot Ion:172 Resp: 1756971

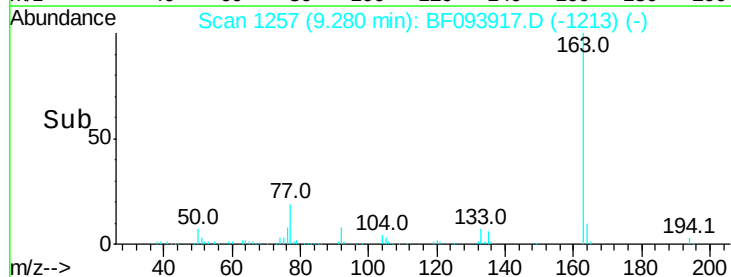
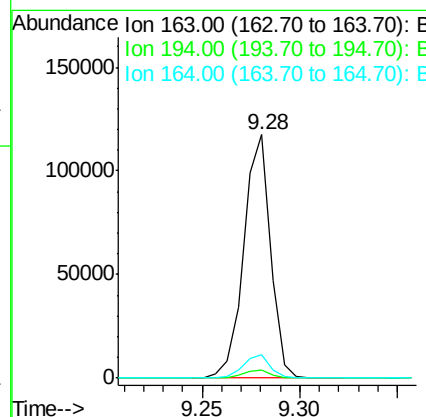
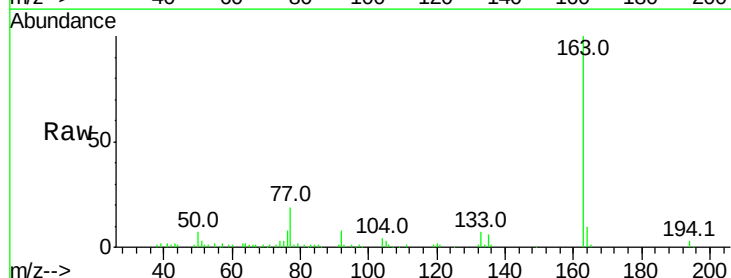
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.8	29.8

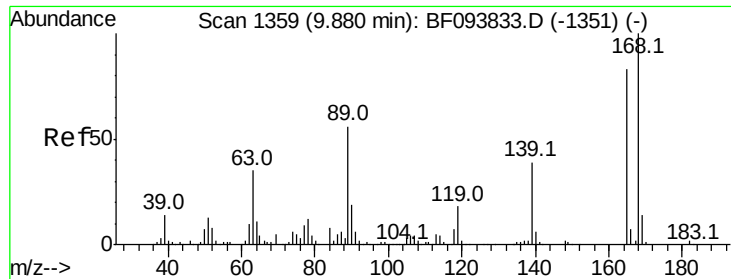


#49
 Dimethylphthalate
 Concen: 4.59 ng
 RT: 9.28 min Scan# 1257
 Delta R.T. -0.04 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

Tgt Ion:163 Resp: 111415

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6

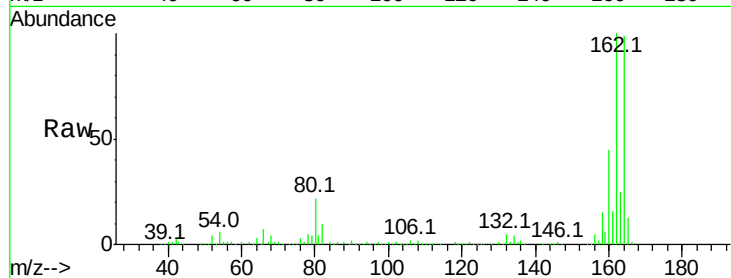




#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.28 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 COMP2

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

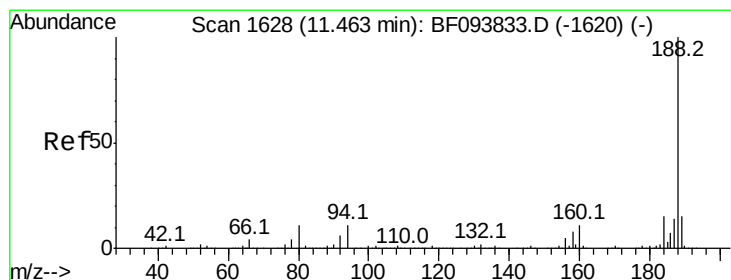
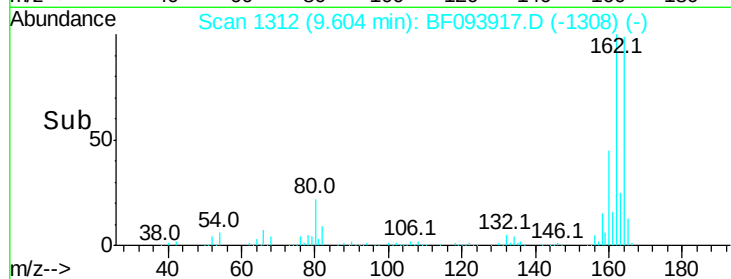
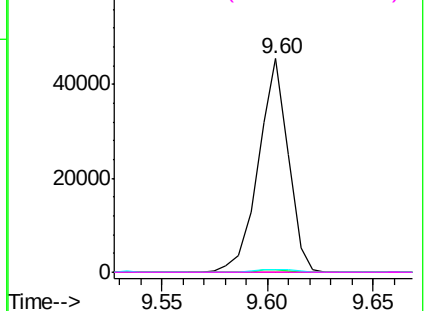


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

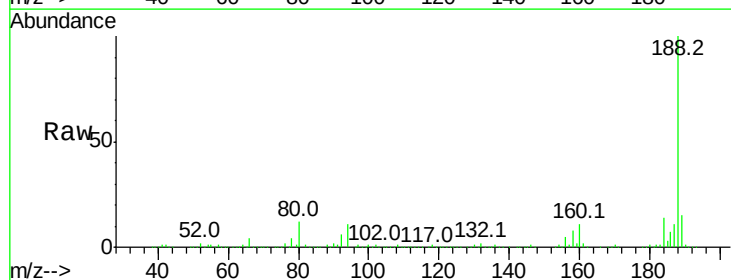
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF093917.D
 Acq: 24 Mar 2017 20:14

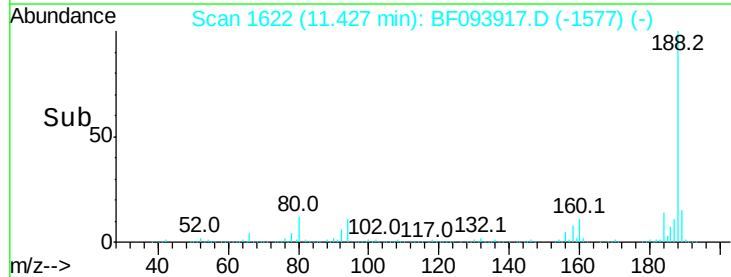
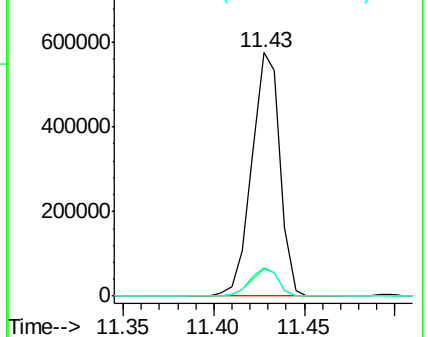
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.9	10.2	15.2

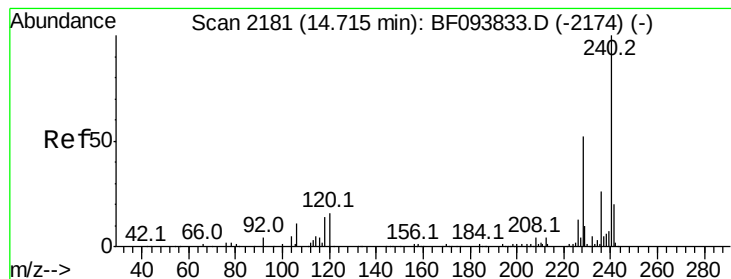


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

Instrument :

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ClientSampleId :

COMP2

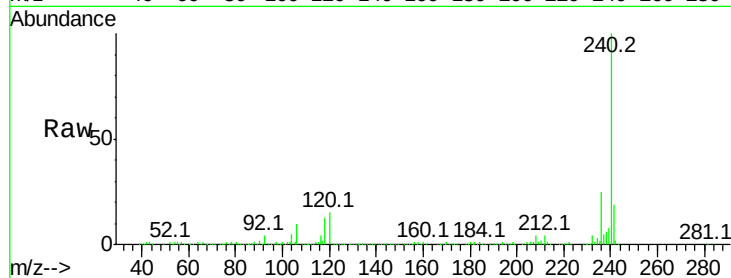
Tot Ion:240 Resp: 538814

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

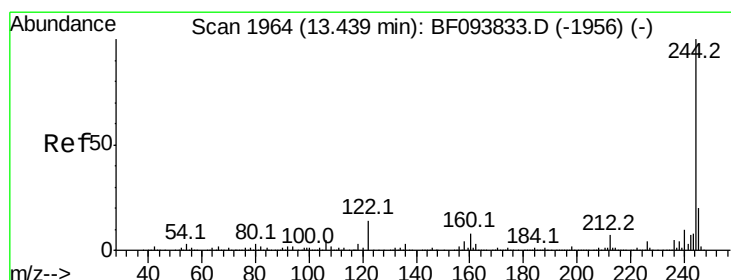
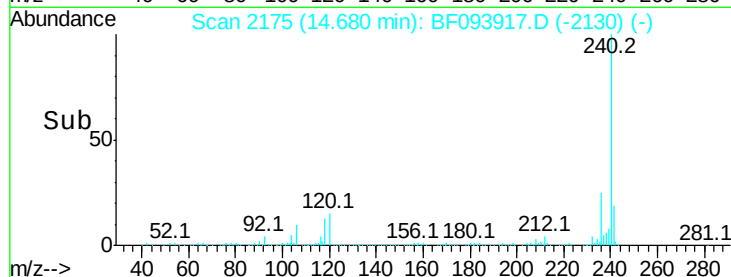
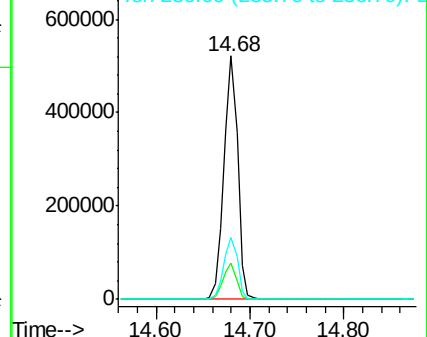
236 25.5 20.5 30.7



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: 63.29 ng

RT: 13.42 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BF093917.D

Acq: 24 Mar 2017 20:14

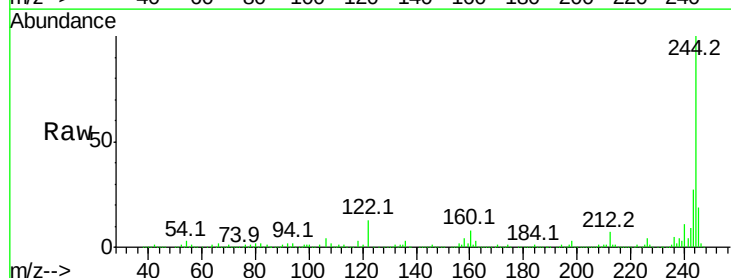
Tgt Ion:244 Resp: 1521331

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

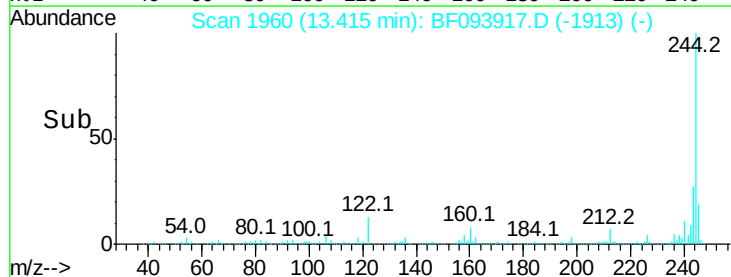
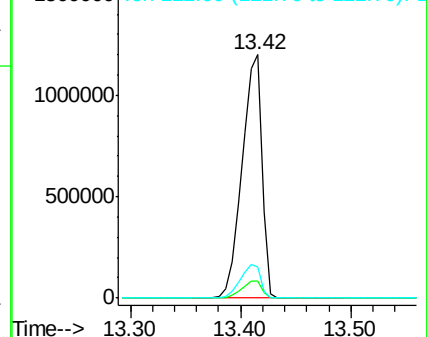
122 13.0 10.3 15.5

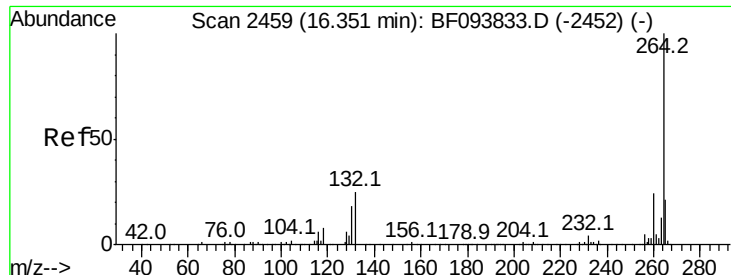


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.32 min Scan# 2453
Delta R.T. -0.04 min
Lab File: BF093917.D
Acq: 24 Mar 2017 20:14

Instrument :
BNA_F
ClientSampleId :
COMP2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	17.2	25.8

