

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093800.D
 Acq On : 21 Mar 2017 16:09
 Operator : SJ/MA
 Sample : I2314-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11

Quant Time: Mar 22 00:52:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

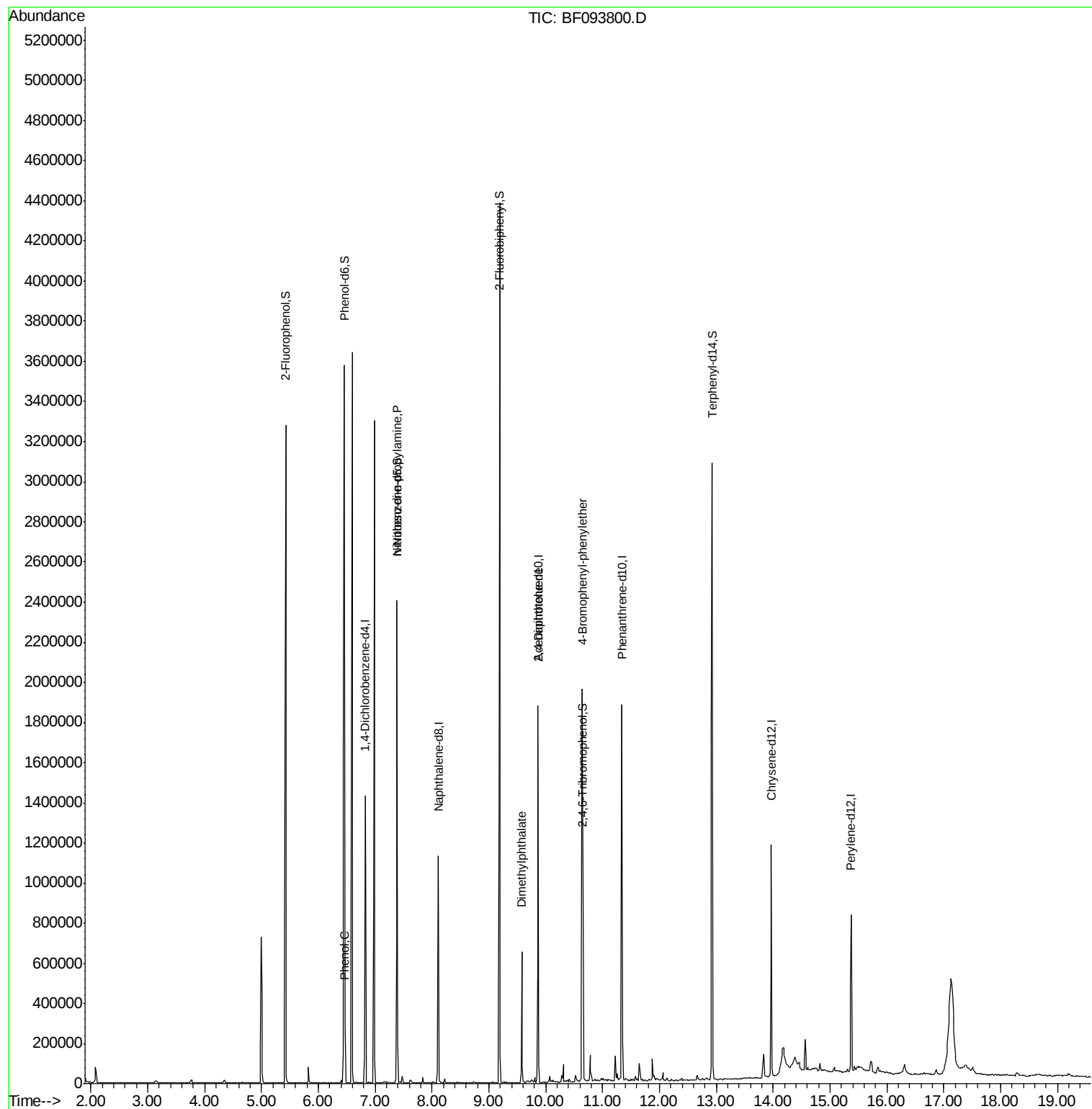
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	198627	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	808370	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	386113	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	631938	20.00	ng	0.00
75) Chrysene-d12	13.97	240	438407	20.00	ng	0.00
86) Perylene-d12	15.37	264	332747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1133094	99.76	ng	0.01
7) Phenol-d6	6.46	99	1344718	95.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	793053	55.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	281980	94.29	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1390125	60.54	ng	0.00
78) Terphenyl-d14	12.93	244	1073848	49.94	ng	0.00
Target Compounds						
10) Phenol	6.47	94	68547	4.34	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.38	70	105918	11.52	ng	# 80
49) Dimethylphthalate	9.58	163	247030	8.99	ng	99
56) 2,4-Dinitrotoluene	9.86	165	49494	6.46	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	19056	3.13	ng	# 1

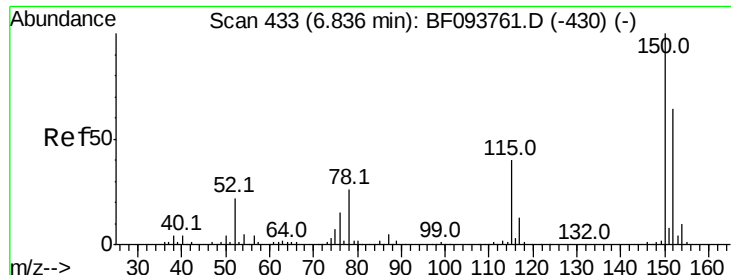
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
Data File : BF093800.D
Acq On : 21 Mar 2017 16:09
Operator : SJ/MA
Sample : I2314-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SGS47-9-11

Quant Time: Mar 22 00:52:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

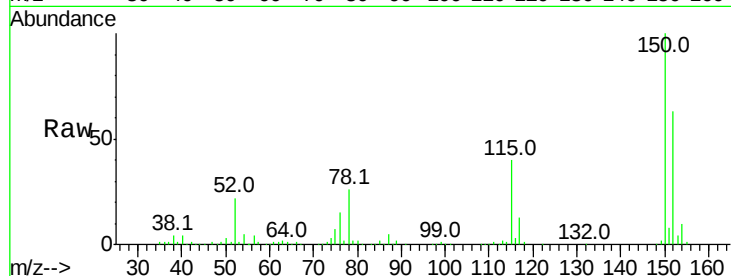
Tot Ion:152 Resp: 198627

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

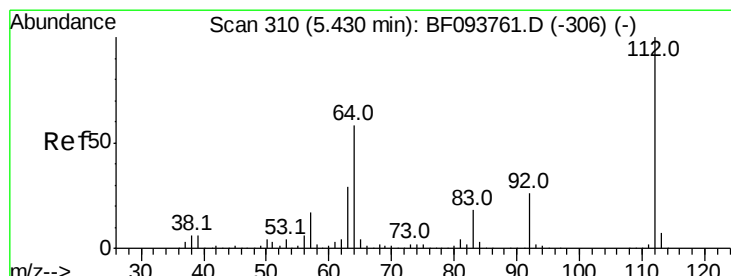
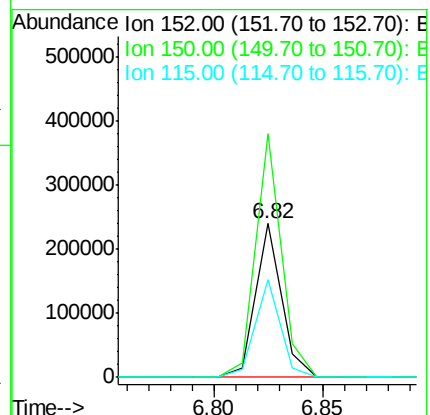
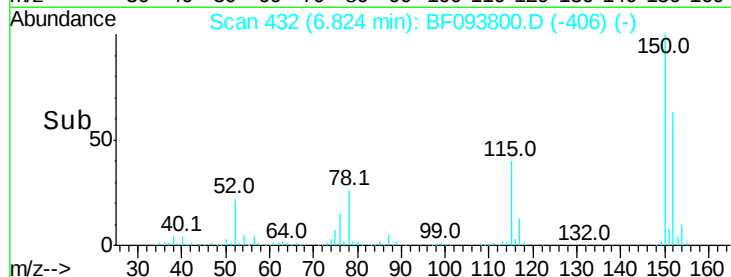
115 63.8 52.2 78.2



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: 99.76 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

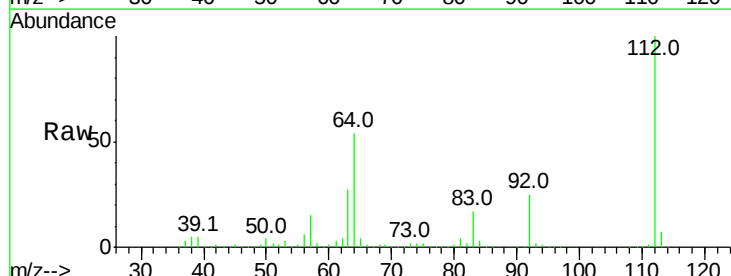
Tgt Ion:112 Resp: 1133094

Ion Ratio Lower Upper

112 100

64 53.6 46.0 69.0

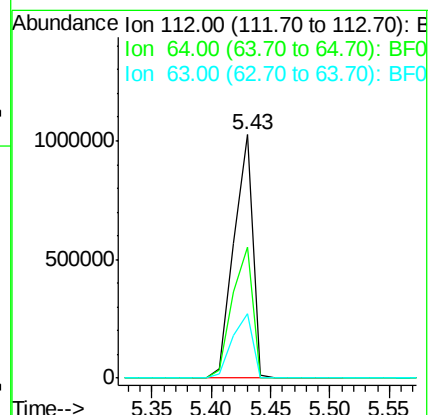
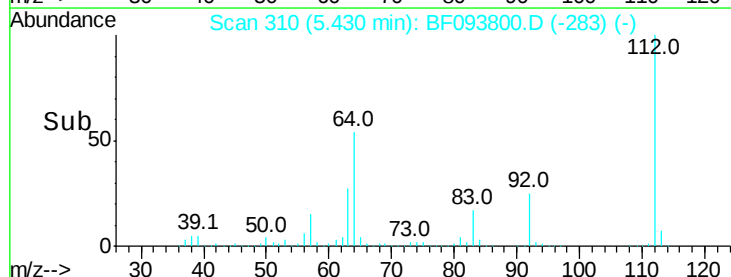
63 26.6 23.4 35.0

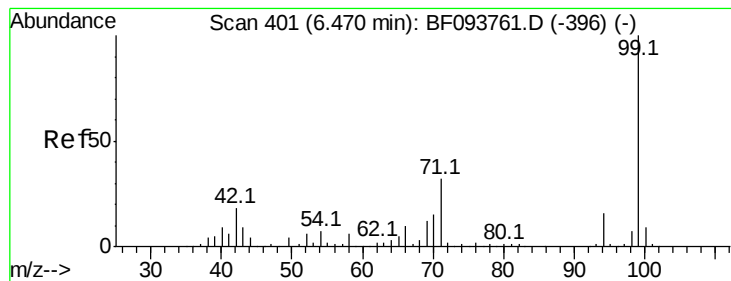


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.81 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

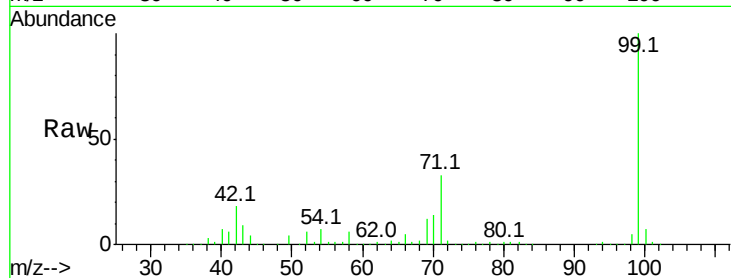
BNA_F

ClientSampled :

SGS47-9-11

Tot Ion: 99 Resp: 1344718

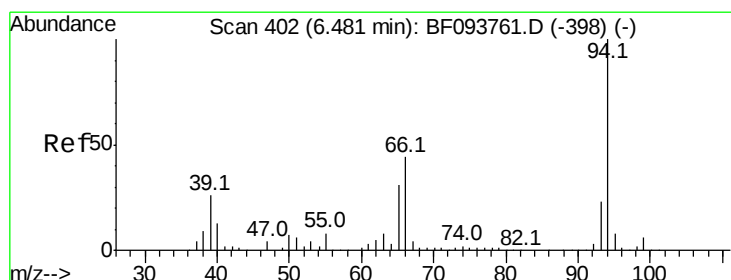
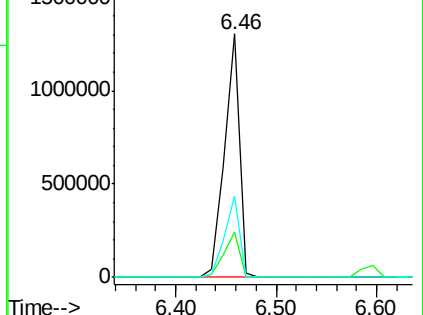
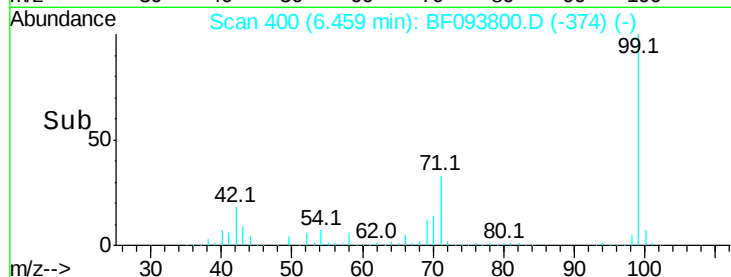
Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.5	20.3
71	33.1	24.5	36.7



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



#10

Phenol

Concen: 4.34 ng

RT: 6.47 min Scan# 401

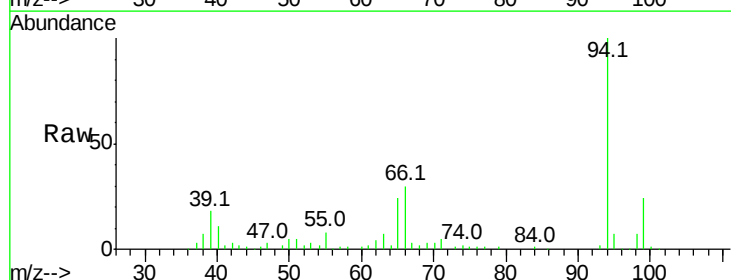
Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Tgt Ion: 94 Resp: 68547

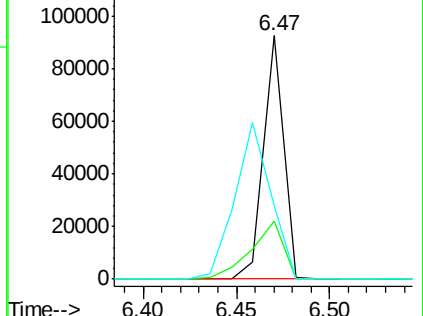
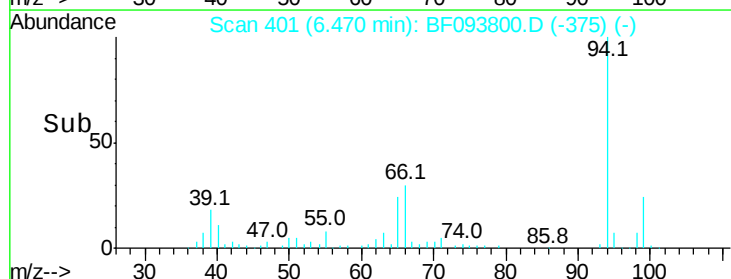
Ion	Ratio	Lower	Upper
94	100		
65	23.8	9.9	49.9
66	30.1	23.1	63.1

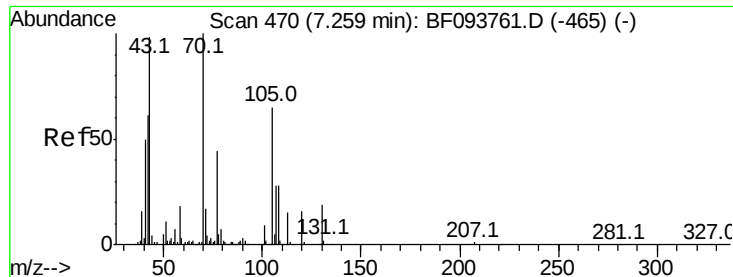


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.52 ng

RT: 7.38 min Scan# 481

Delta R.T. 0.14 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

Tot Ion: 70 Resp: 105918

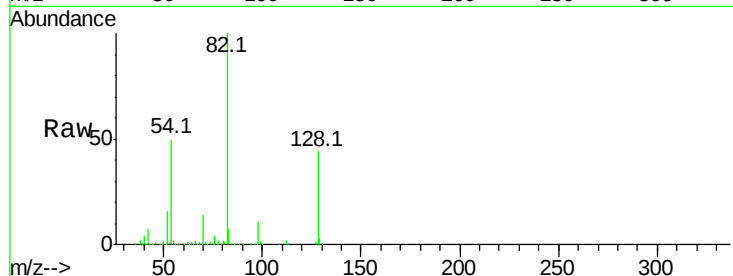
Ion Ratio Lower Upper

70 100

42 49.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

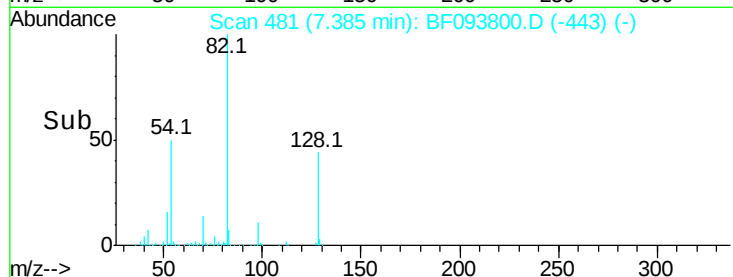
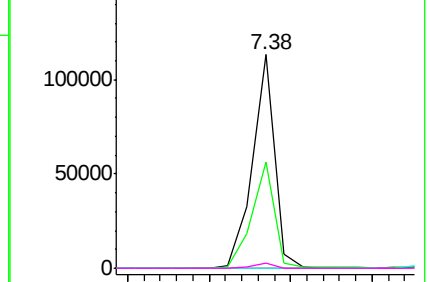


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Tgt Ion: 136 Resp: 808370

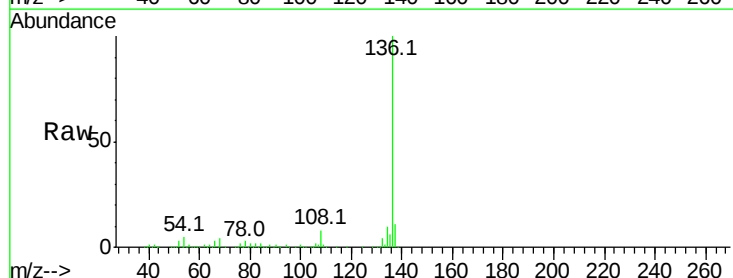
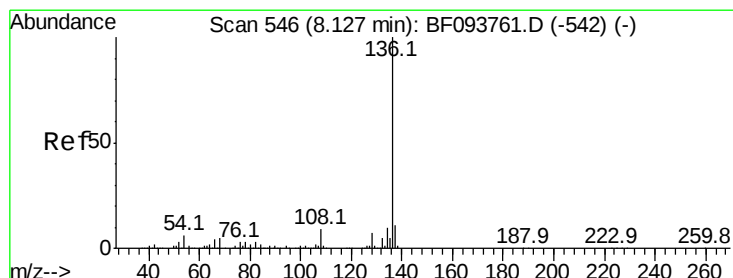
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 5.0 4.9 7.3

68 4.4 4.1 6.1

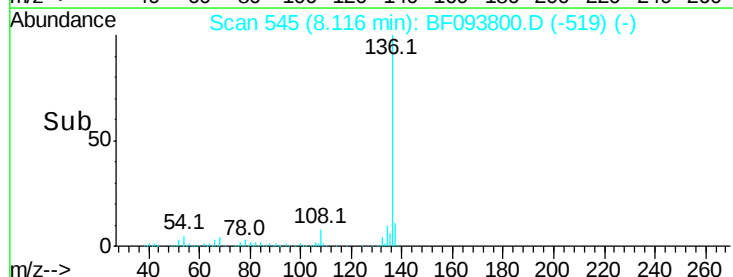
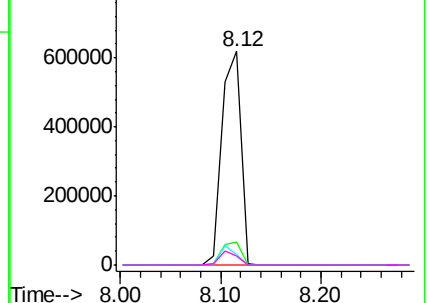


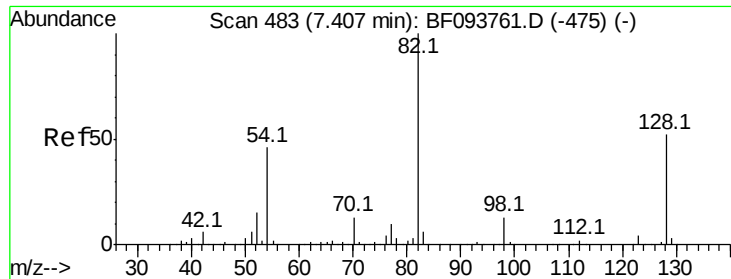
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

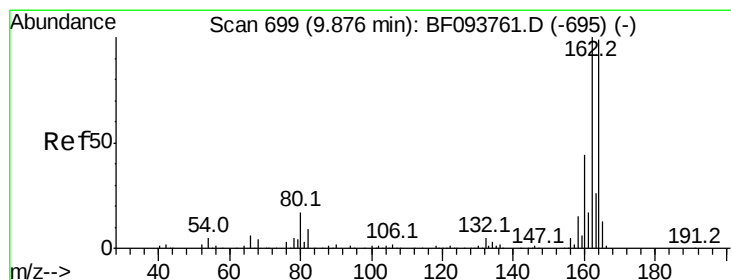
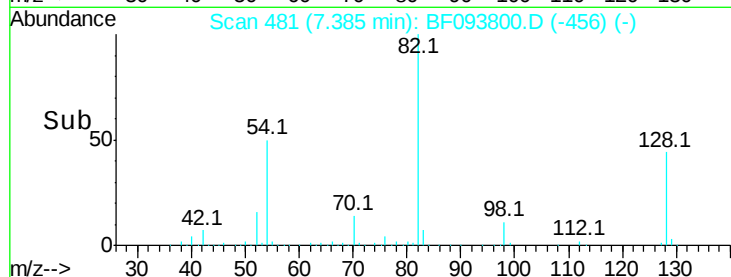
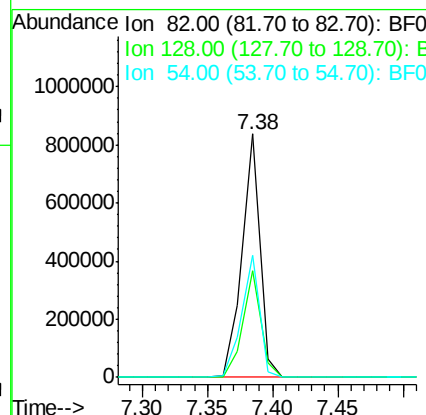
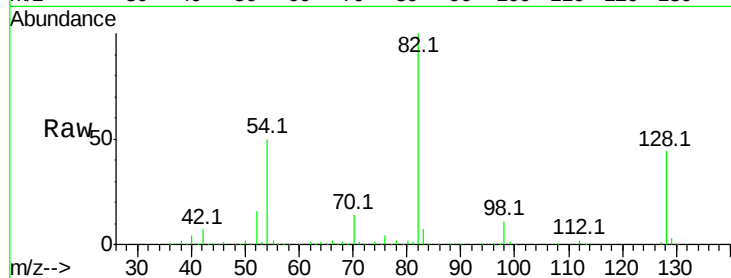




#23
Nitrobenzene-d5
Concen: 55.65 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093800.D
Acq: 21 Mar 2017 16:09

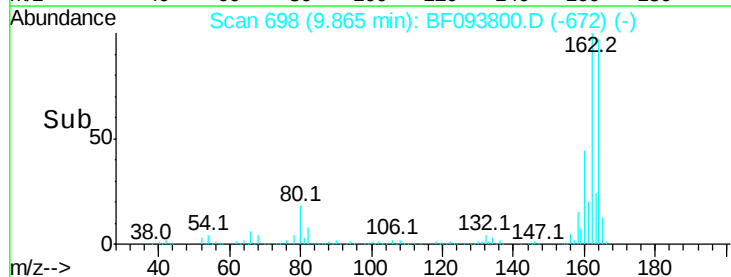
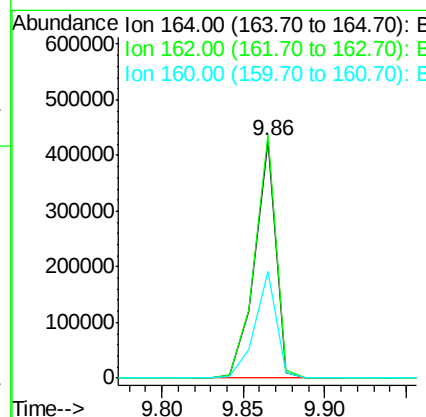
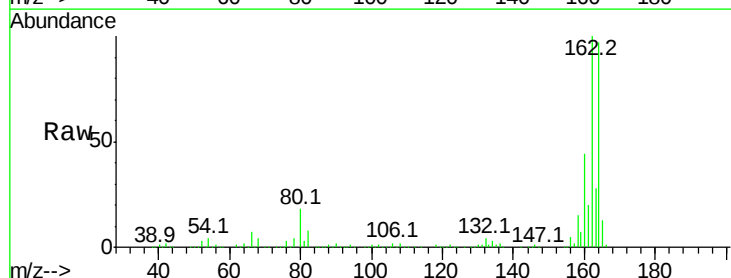
Instrument :
BNA_F
ClientSampled :
SGS47-9-11

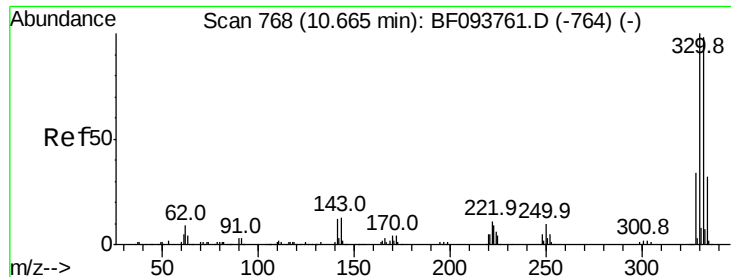
Tot Ion: 82 Resp: 793053
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 50.2 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093800.D
Acq: 21 Mar 2017 16:09

Tgt Ion:164 Resp: 386113
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 44.9 36.2 54.2

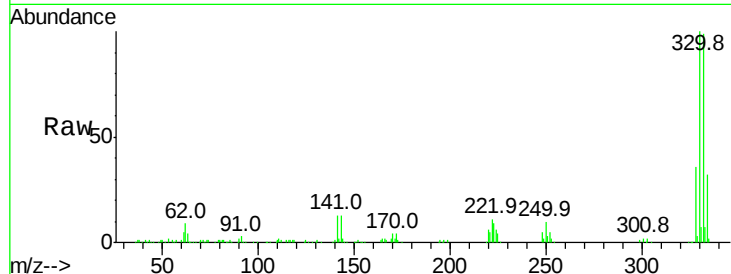




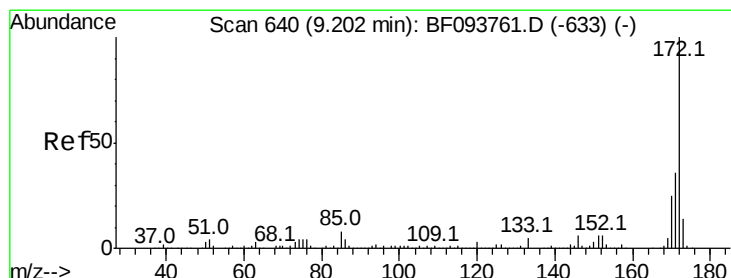
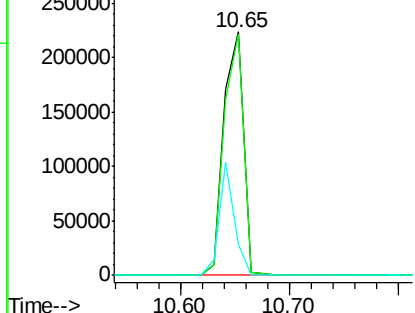
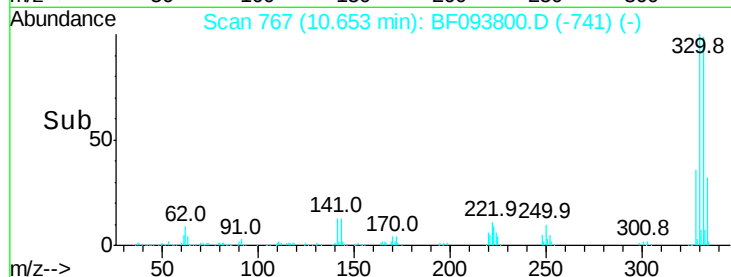
#41
 2,4,6-Tribromophenol
 Concen: 94.29 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093800.D
 Acq: 21 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11

Tot Ion:330 Resp: 281980
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 36.3 31.4 47.2

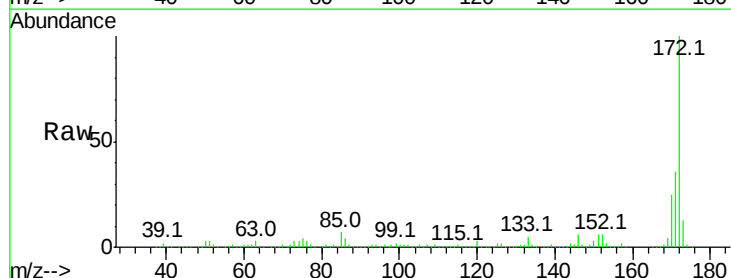


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

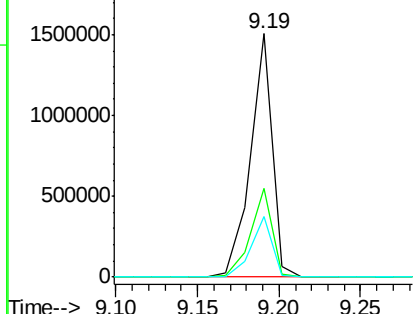
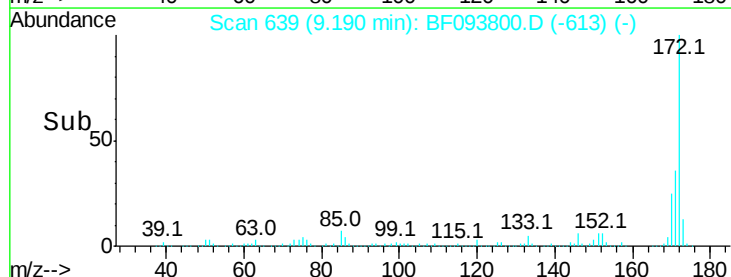


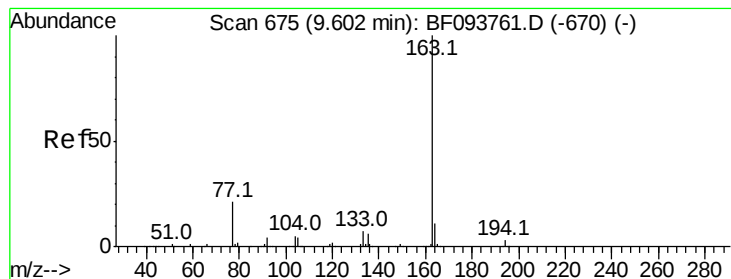
#44
 2-Fluorobiphenyl
 Concen: 60.54 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093800.D
 Acq: 21 Mar 2017 16:09

Tgt Ion:172 Resp: 1390125
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.7 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: 8.99 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

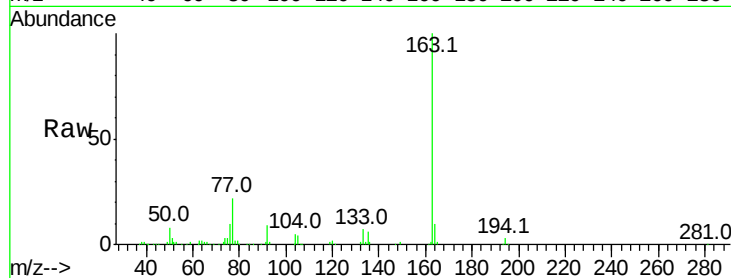
Tot Ion:163 Resp: 247030

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

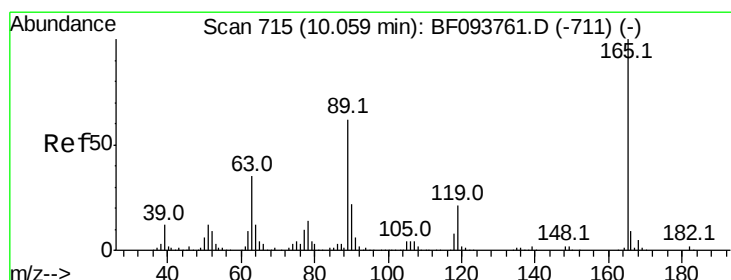
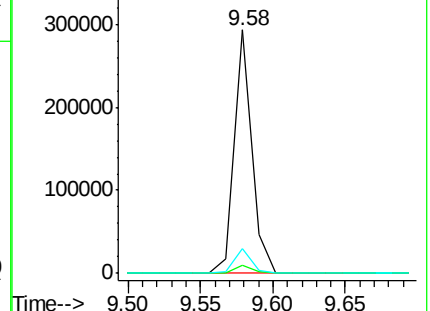
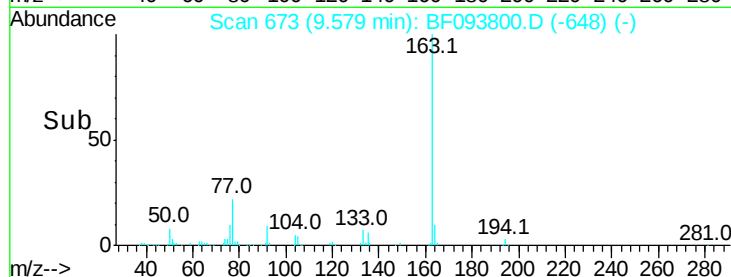
164 10.2 8.4 12.6



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: 6.46 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.18 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Tgt Ion:165 Resp: 49494

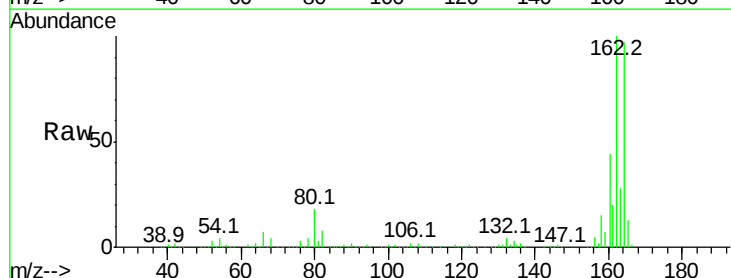
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

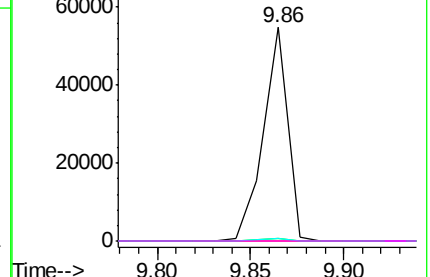
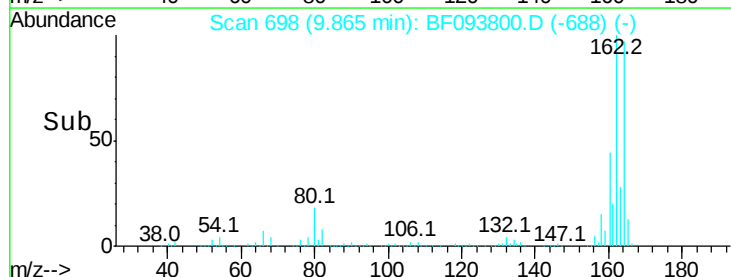


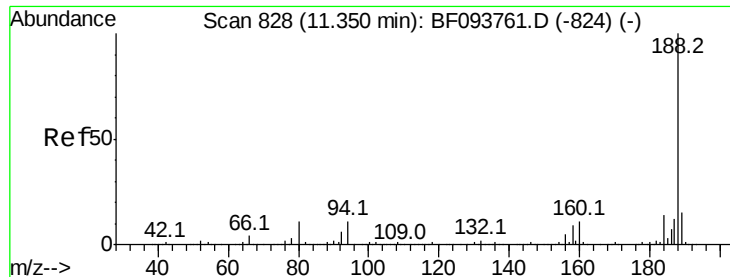
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

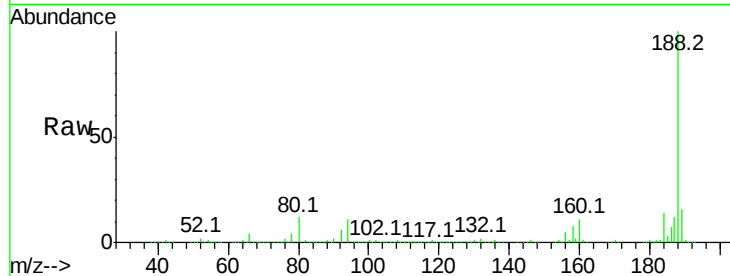
Tot Ion:188 Resp: 631938

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

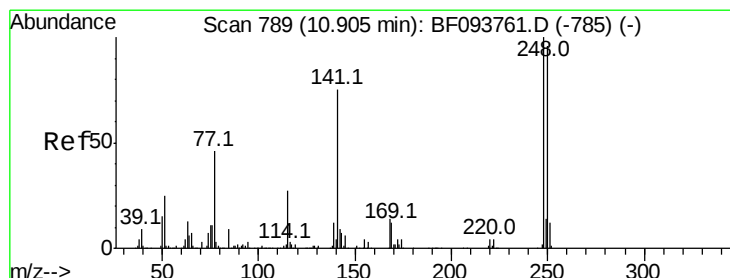
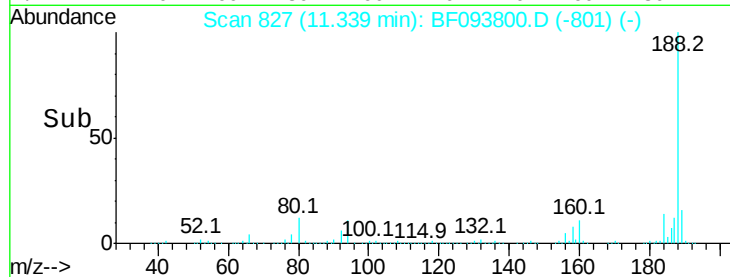
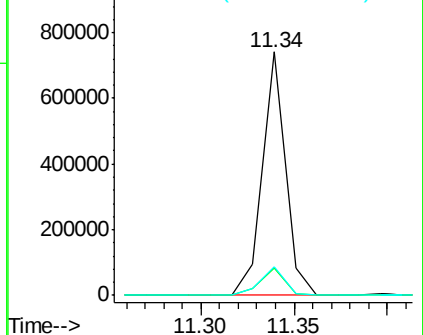
80 11.9 10.2 15.2



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



#66

4-Bromophenyl-phenylether

Concen: 3.13 ng

RT: 10.64 min Scan# 766

Delta R.T. -0.25 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

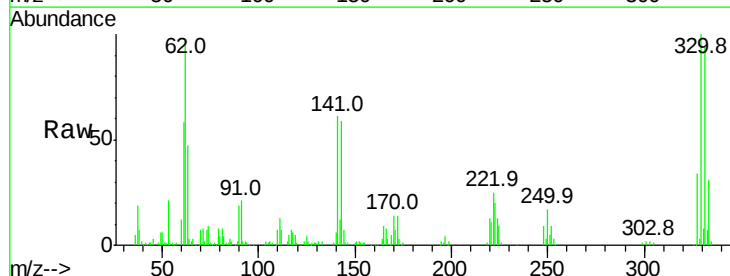
Tgt Ion:248 Resp: 19056

Ion Ratio Lower Upper

248 100

250 187.5 76.8 115.2#

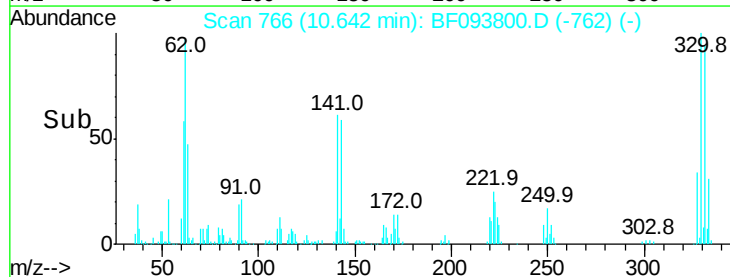
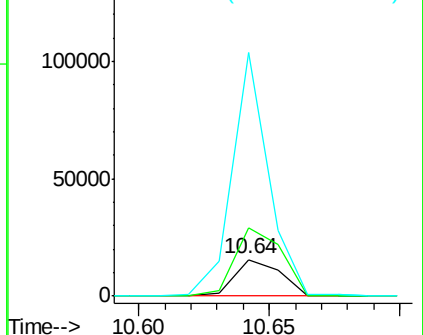
141 670.7 68.6 103.0#

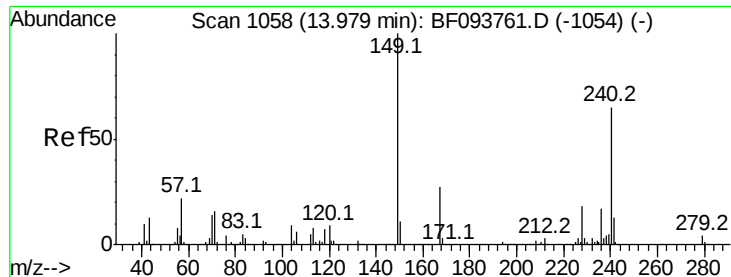


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

Instrument :

BNA_F

ClientSampleId :

SGS47-9-11

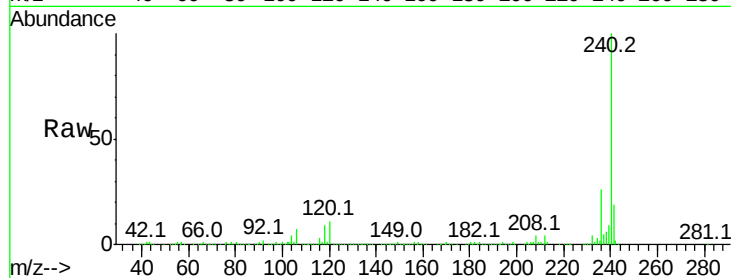
Tot Ion:240 Resp: 438407

Ion Ratio Lower Upper

240 100

120 10.8 5.8 8.8#

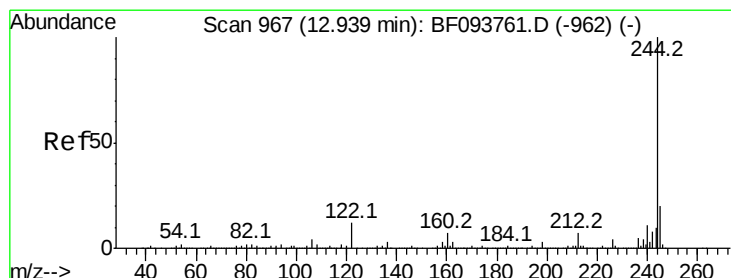
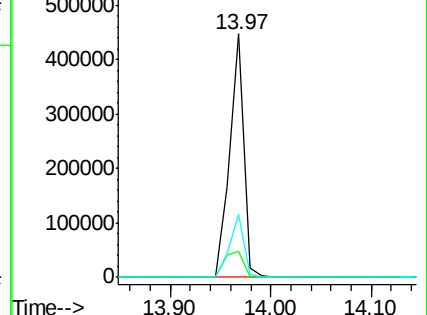
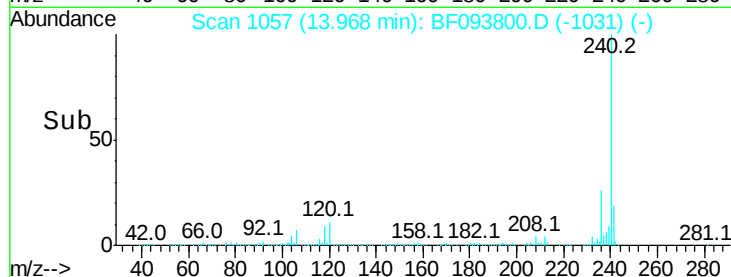
236 25.8 20.5 30.7



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: 49.94 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093800.D

Acq: 21 Mar 2017 16:09

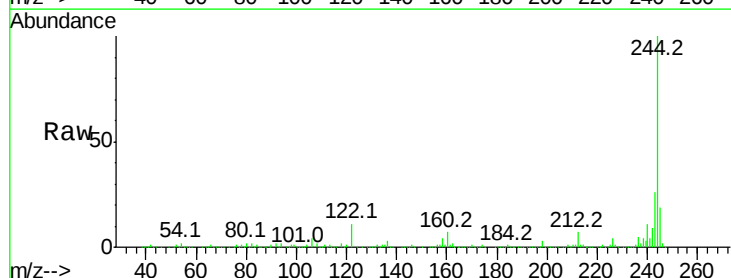
Tgt Ion:244 Resp: 1073848

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

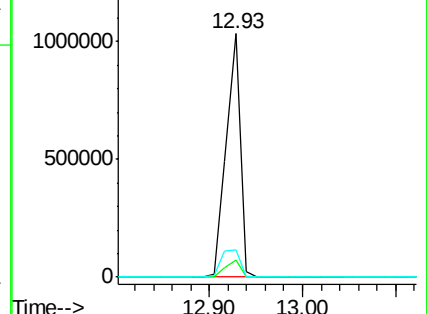
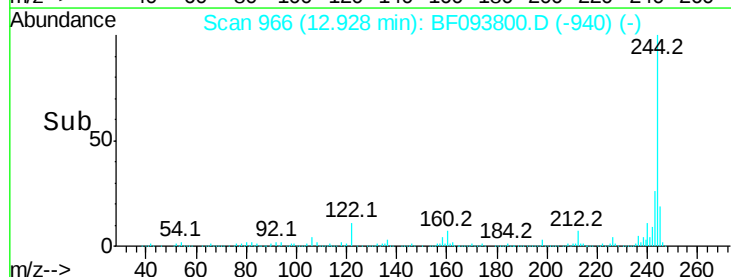
122 11.5 10.3 15.5

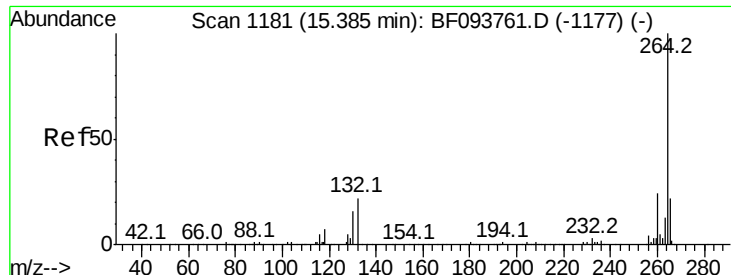


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

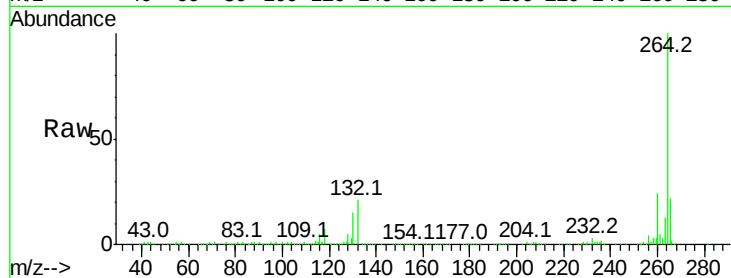




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF093800.D
 Acq: 21 Mar 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 SGS47-9-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

