

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093811.D
 Acq On : 21 Mar 2017 21:12
 Operator : SJ/MA
 Sample : I2304-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Quant Time: Mar 22 00:56:05 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

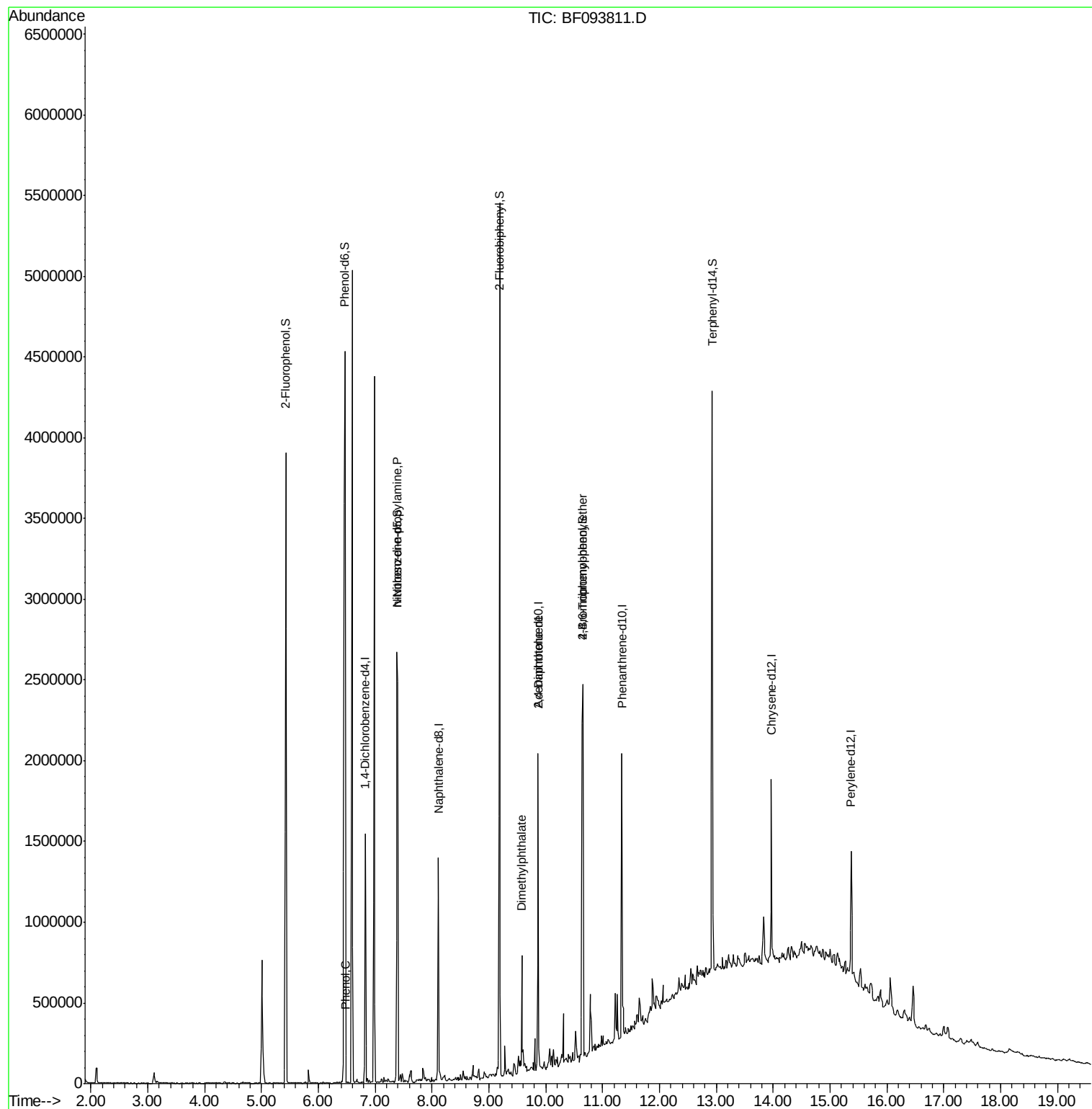
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	216533	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	873285	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	400709	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	604190	20.00	ng	0.00
75) Chrysene-d12	13.97	240	385040	20.00	ng	0.00
86) Perylene-d12	15.37	264	361484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1773238	143.21	ng	0.01
7) Phenol-d6	6.47	99	2380263	155.57	ng	0.01
23) Nitrobenzene-d5	7.38	82	1421679	92.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	416413	134.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1764390	74.04	ng	0.00
78) Terphenyl-d14	12.93	244	1159650	61.41	ng	0.00
Target Compounds						
10) Phenol	6.48	94	90374	5.25	ng	Qvalue 74
19) n-Nitroso-di-n-propylamine	7.38	70	190100	18.96	ng	# 80
49) Dimethylphthalate	9.58	163	263832	9.25	ng	99
56) 2,4-Dinitrotoluene	9.86	165	55227	6.95	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	29297	5.04	ng	# 1

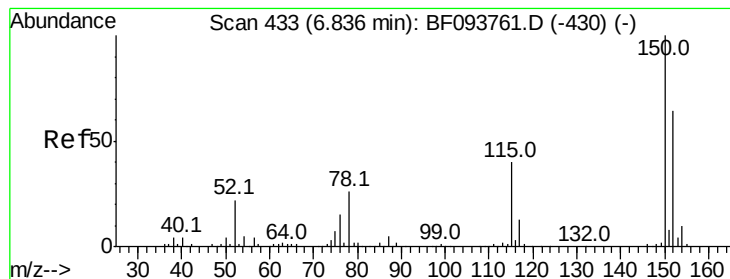
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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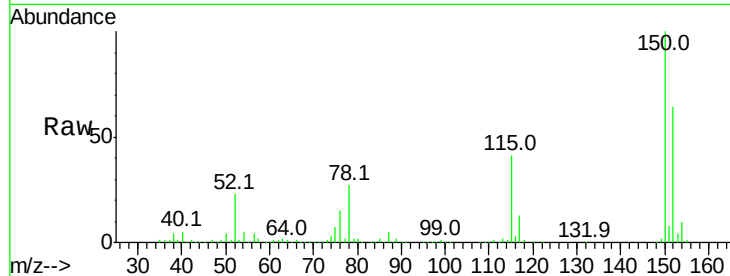


#1

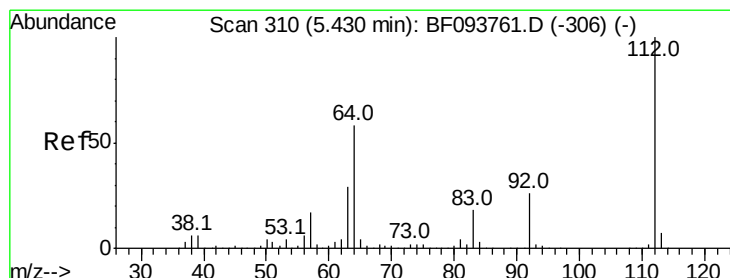
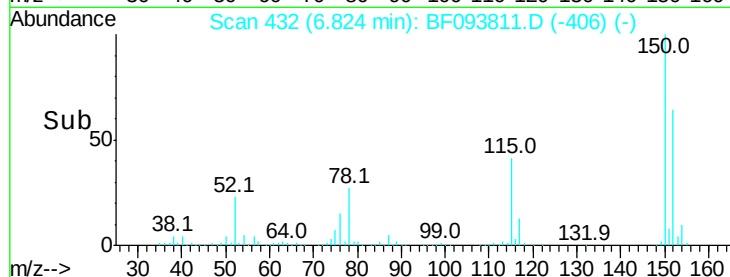
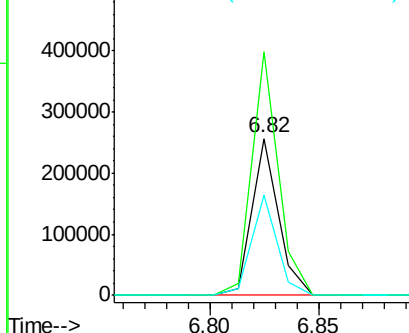
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tot Ion:152 Resp: 216533
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 64.4 52.2 78.2



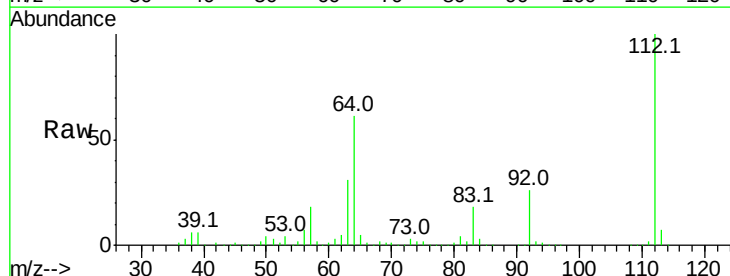
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



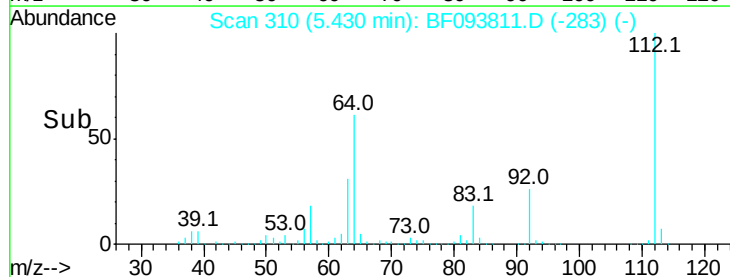
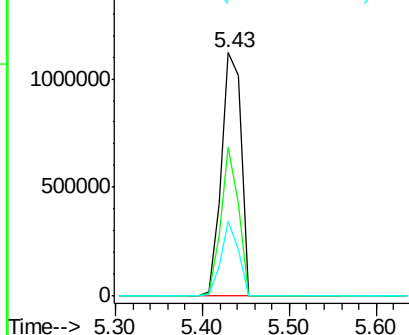
#5

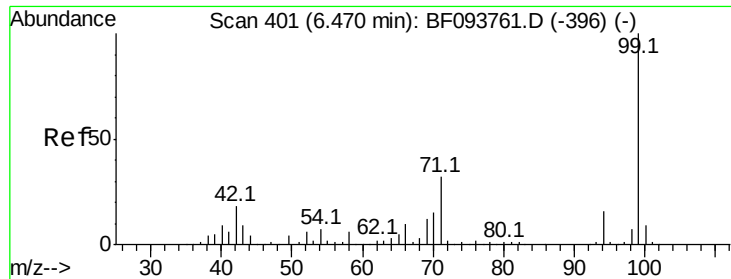
2-Fluorophenol
Concen: 143.21 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion:112 Resp: 1773238
Ion Ratio Lower Upper
112 100
64 61.2 46.0 69.0
63 30.6 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: 155.57 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093811.D

Acq: 21 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

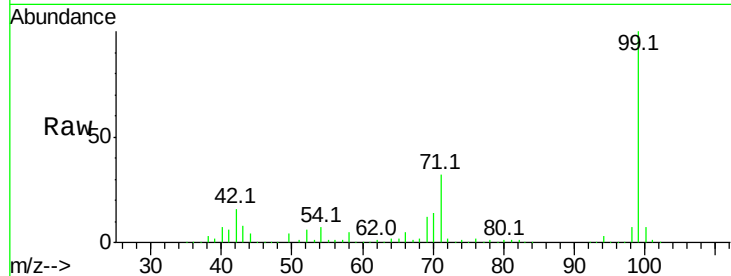
Tot Ion: 99 Resp: 2380263

Ion Ratio Lower Upper

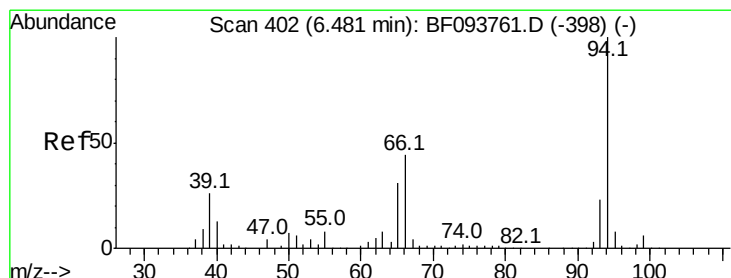
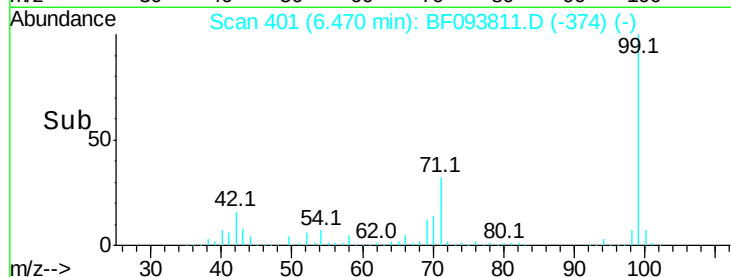
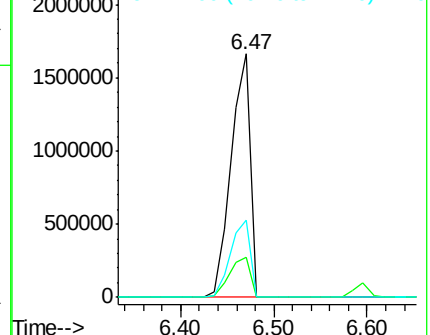
99 100

42 16.3 13.5 20.3

71 31.7 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: 5.25 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF093811.D

Acq: 21 Mar 2017 21:12

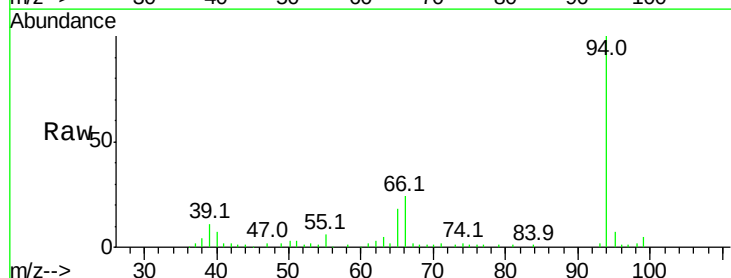
Tgt Ion: 94 Resp: 90374

Ion Ratio Lower Upper

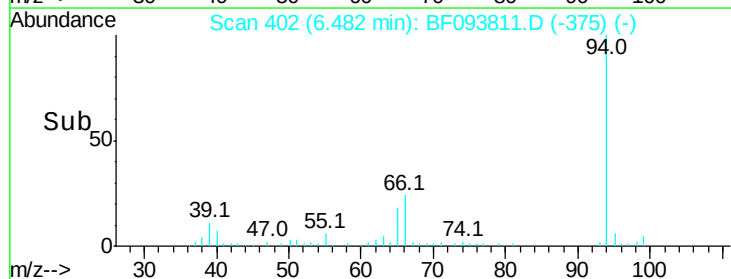
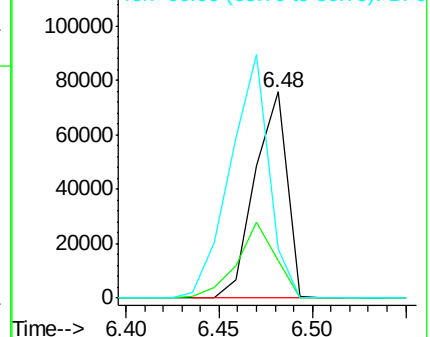
94 100

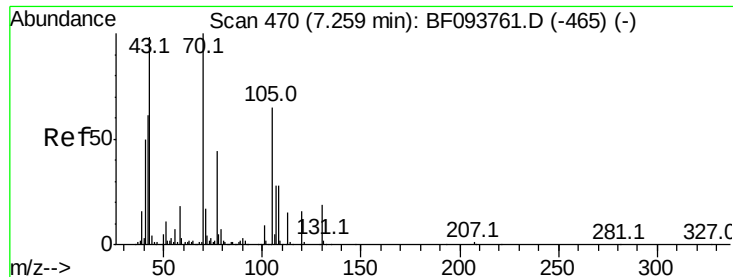
65 18.3 9.9 49.9

66 23.9 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

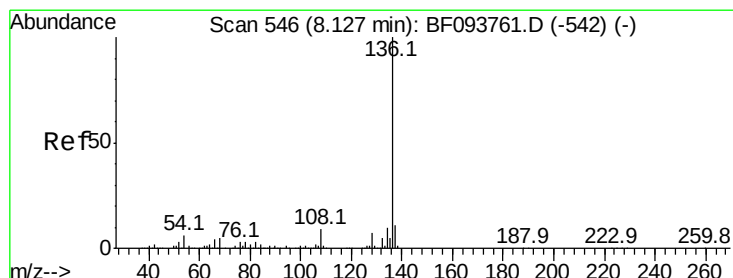
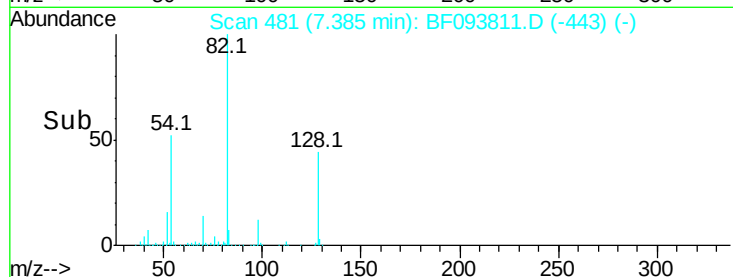
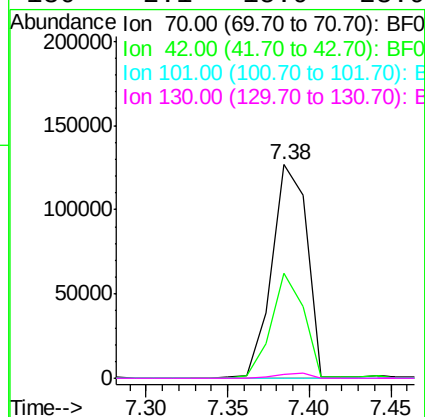
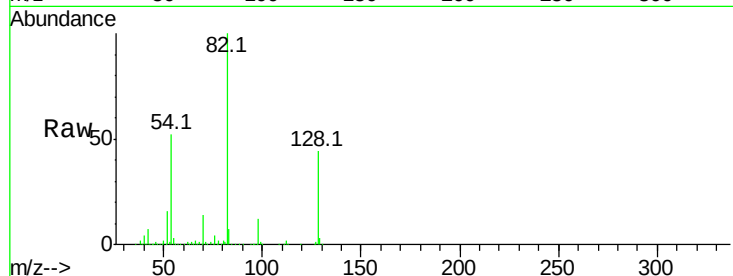




#19
n-Nitroso-di-n-propylamine
Concen: 18.96 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

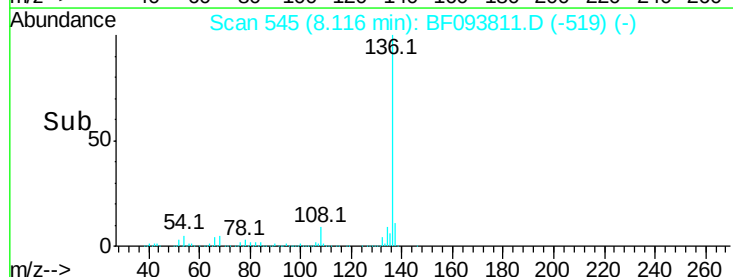
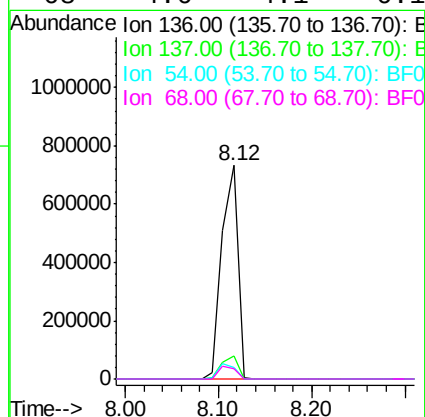
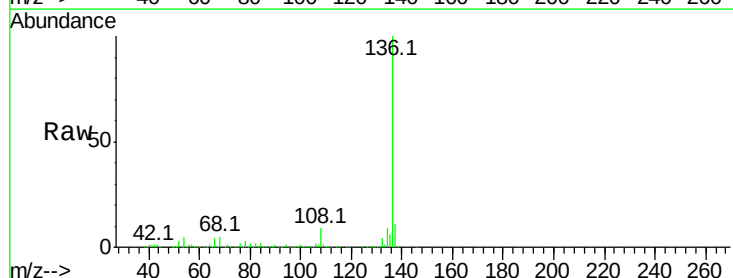
Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

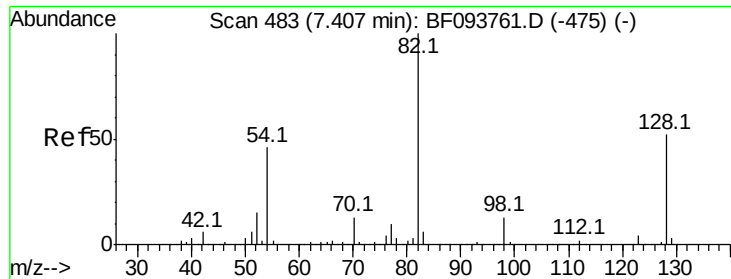
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	5.1	4.9	7.3
68	4.6	4.1	6.1

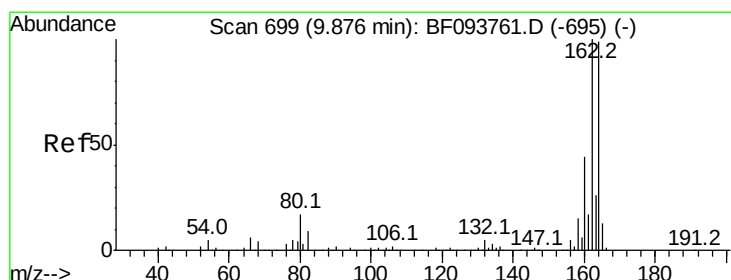
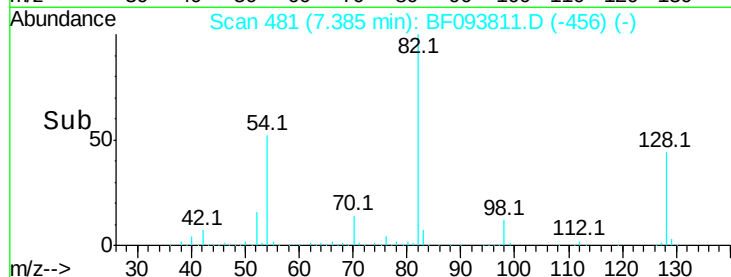
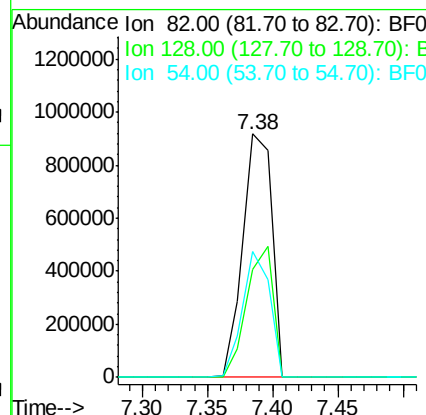
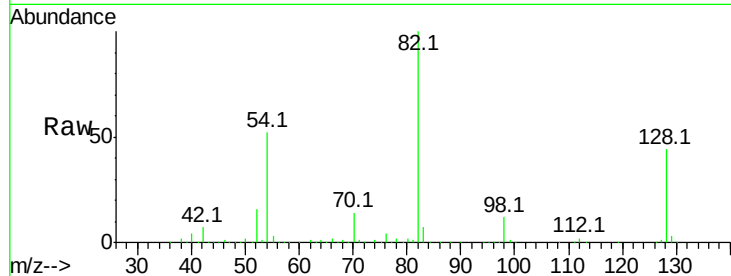




#23
Nitrobenzene-d5
Concen: 92.35 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

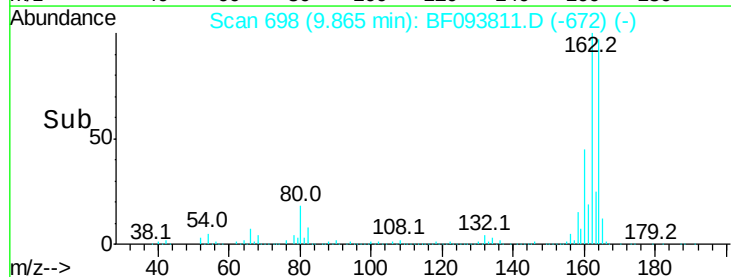
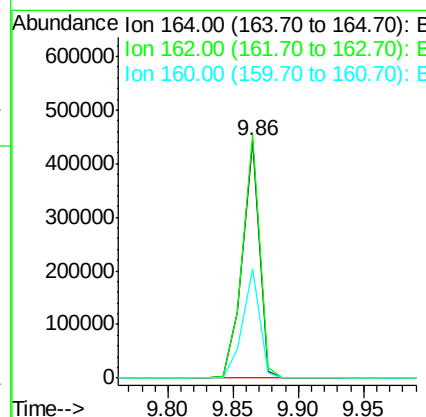
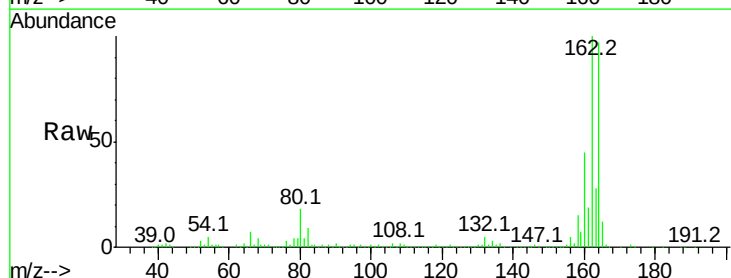
Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

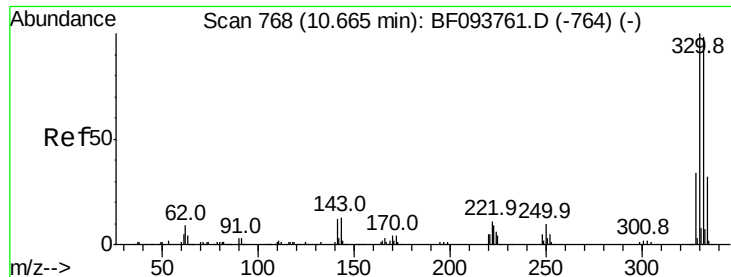
Tot Ion: 82 Resp: 1421679
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 51.5 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Tgt Ion:164 Resp: 400709
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 45.8 36.2 54.2

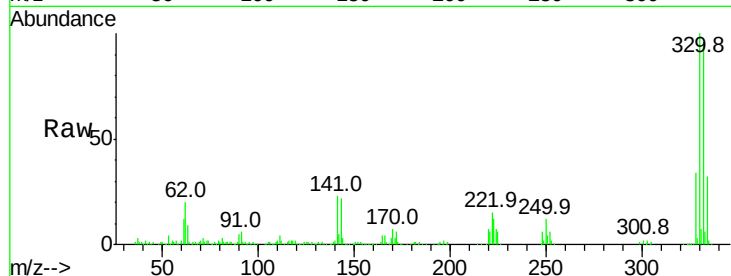




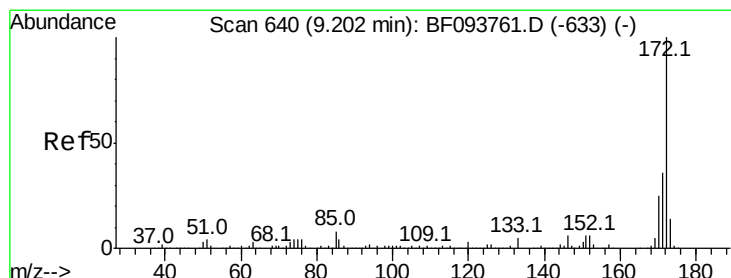
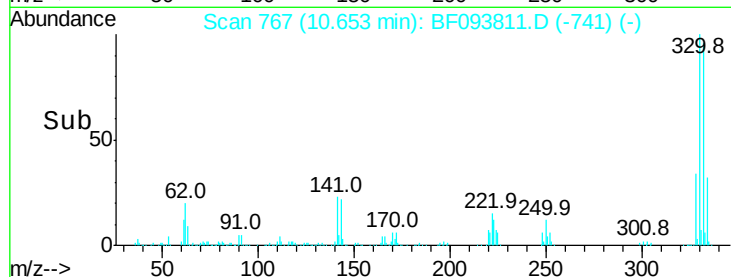
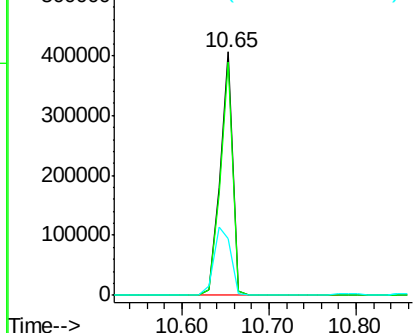
#41
 2,4,6-Tribromophenol
 Concen: 134.17 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093811.D
 Acq: 21 Mar 2017 21:12

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B2(0-5)

Tot Ion:330 Resp: 416413
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.2 31.4 47.2

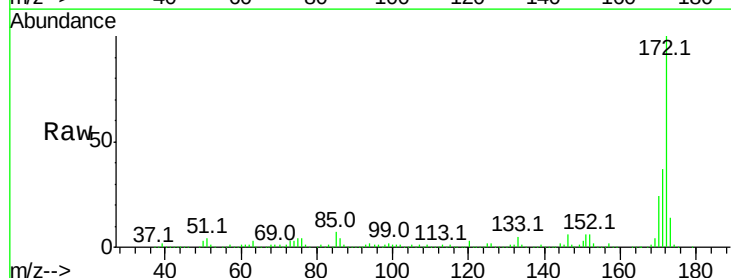


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

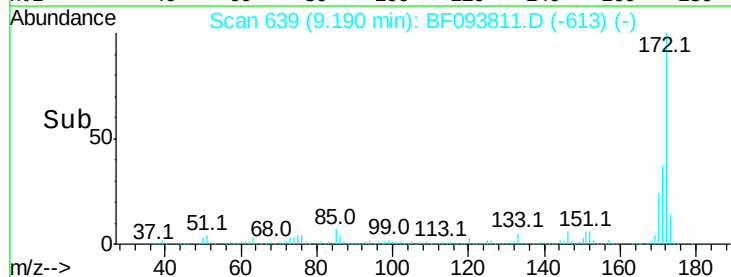
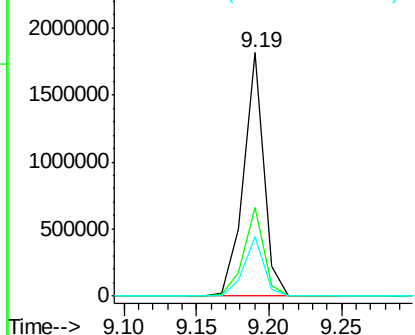


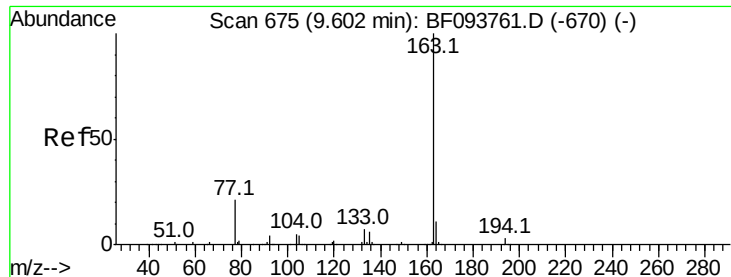
#44
 2-Fluorobiphenyl
 Concen: 74.04 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093811.D
 Acq: 21 Mar 2017 21:12

Tgt Ion:172 Resp: 1764390
 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: 9.25 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093811.D

Acq: 21 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

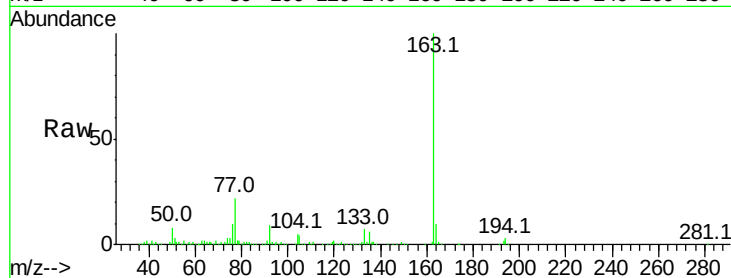
Tot Ion:163 Resp: 263832

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

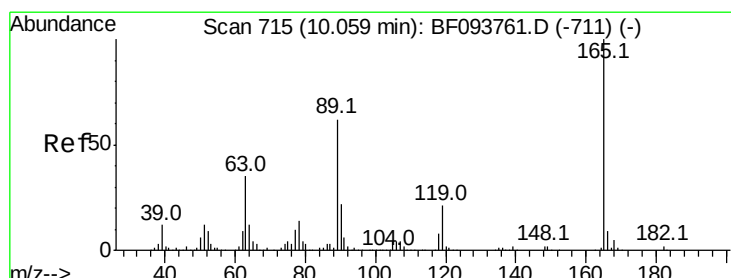
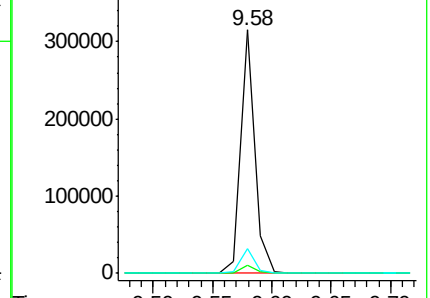
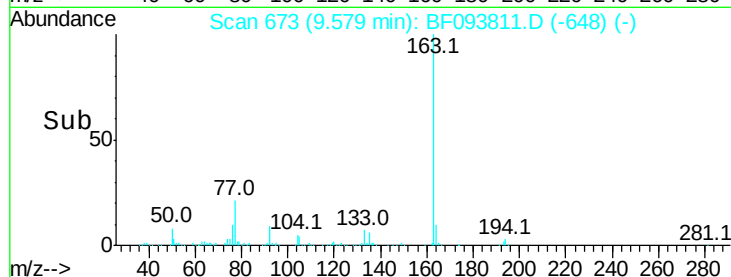
164 10.1 8.4 12.6



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: 6.95 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.18 min

Lab File: BF093811.D

Acq: 21 Mar 2017 21:12

Tgt Ion:165 Resp: 55227

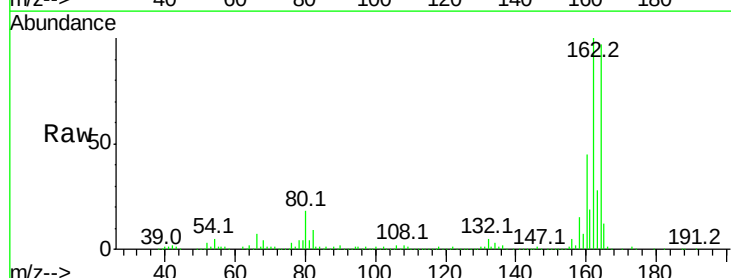
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 1.5 46.4 69.6#

182 0.9 1.8 2.6#

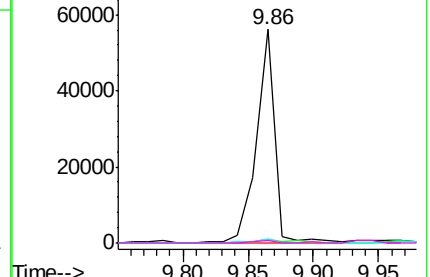
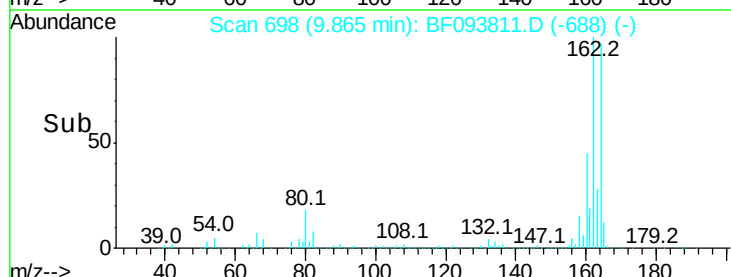


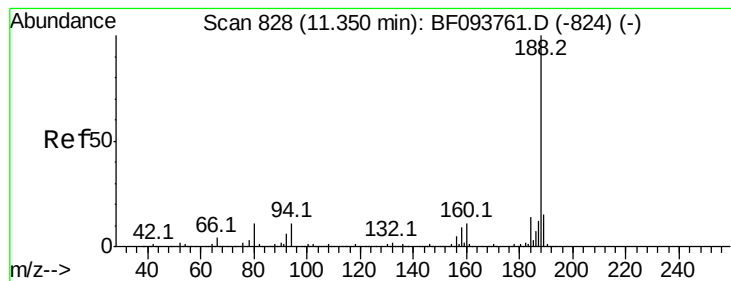
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093811.D

Acq: 21 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

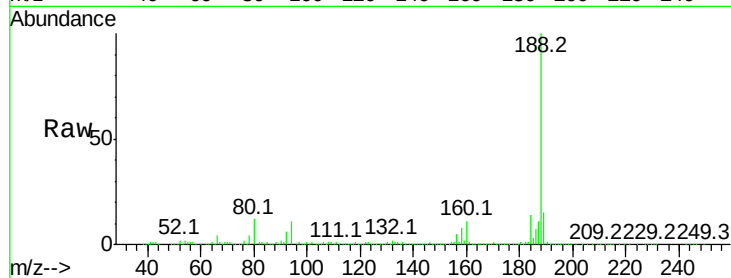
Tot Ion:188 Resp: 604190

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

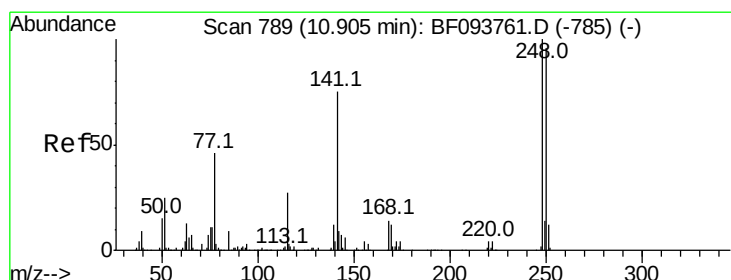
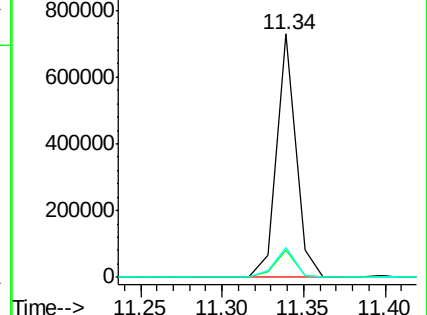
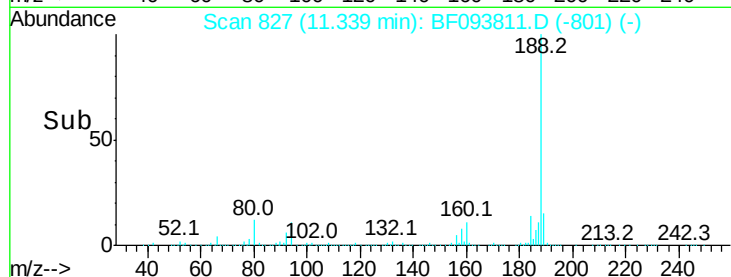
80 12.1 10.2 15.2



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: 5.04 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.24 min

Lab File: BF093811.D

Acq: 21 Mar 2017 21:12

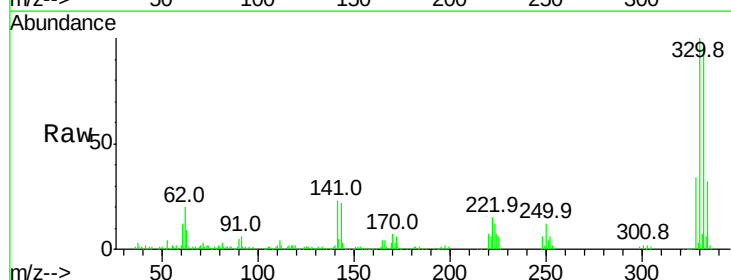
Tgt Ion:248 Resp: 29297

Ion Ratio Lower Upper

248 100

250 196.2 76.8 115.2#

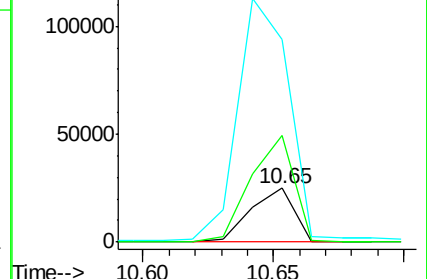
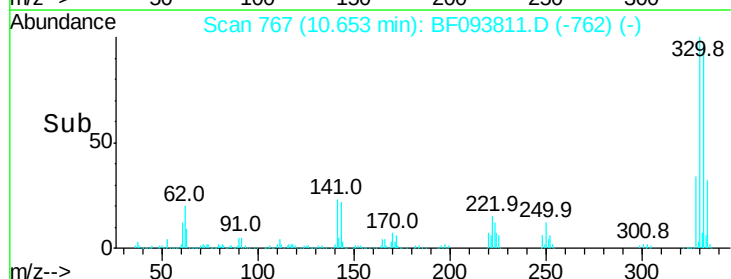
141 375.7 68.6 103.0#

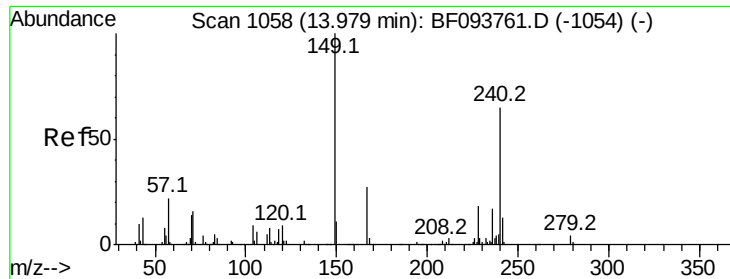


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF093811.D

Acq: 21 Mar 2017 21:12

Instrument :

BNA_F

ClientSampleId :

SPA-B2(0-5)

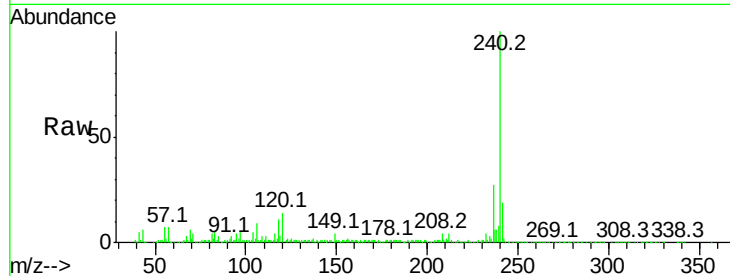
Tot Ion:240 Resp: 385040

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

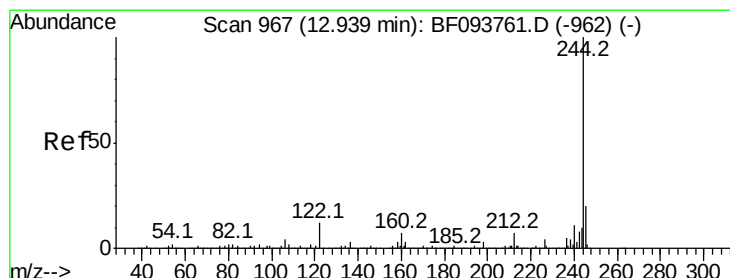
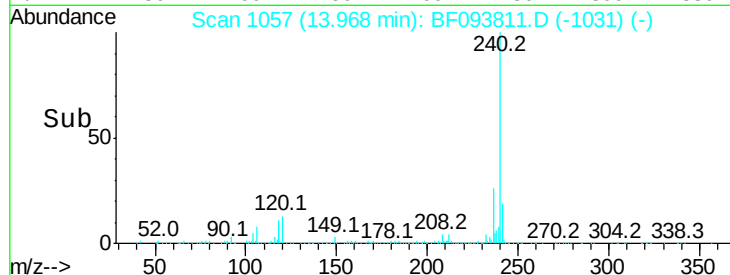
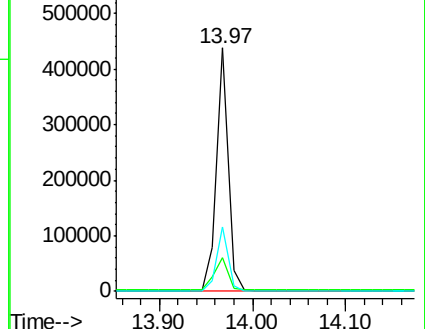
236 26.5 20.5 30.7



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: 61.41 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093811.D

Acq: 21 Mar 2017 21:12

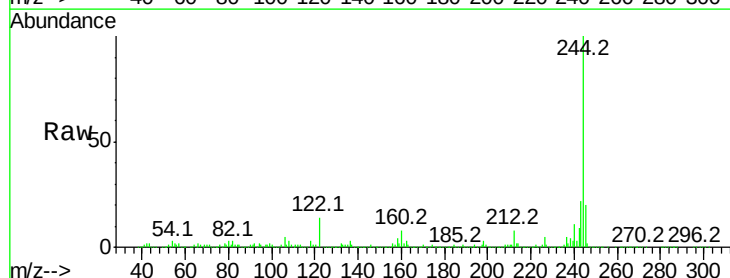
Tgt Ion:244 Resp: 1159650

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

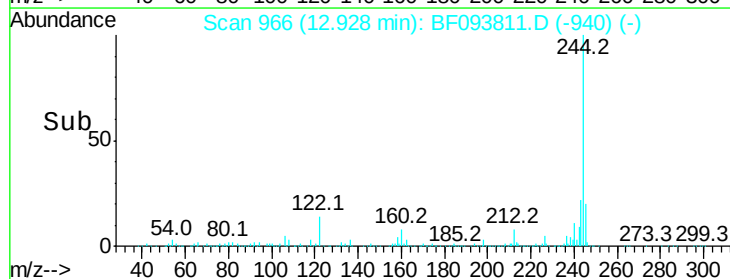
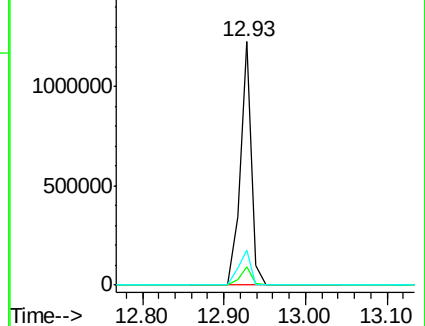
122 14.2 10.3 15.5

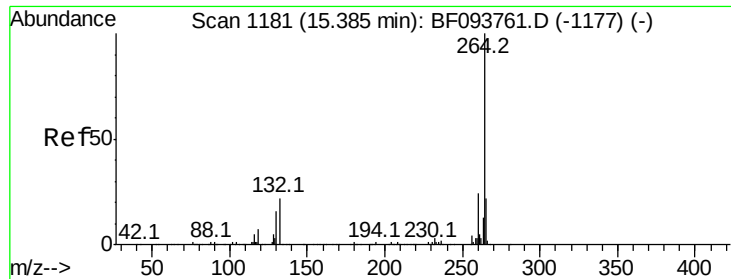


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

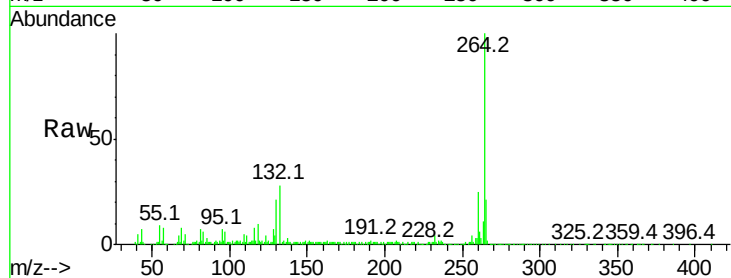




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093811.D
Acq: 21 Mar 2017 21:12

Instrument :
BNA_F
ClientSampleId :
SPA-B2(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	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

