

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093770.D
 Acq On : 20 Mar 2017 18:02
 Operator : SJ/MA
 Sample : I2271-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BHP-1

Quant Time: Mar 21 01:03:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

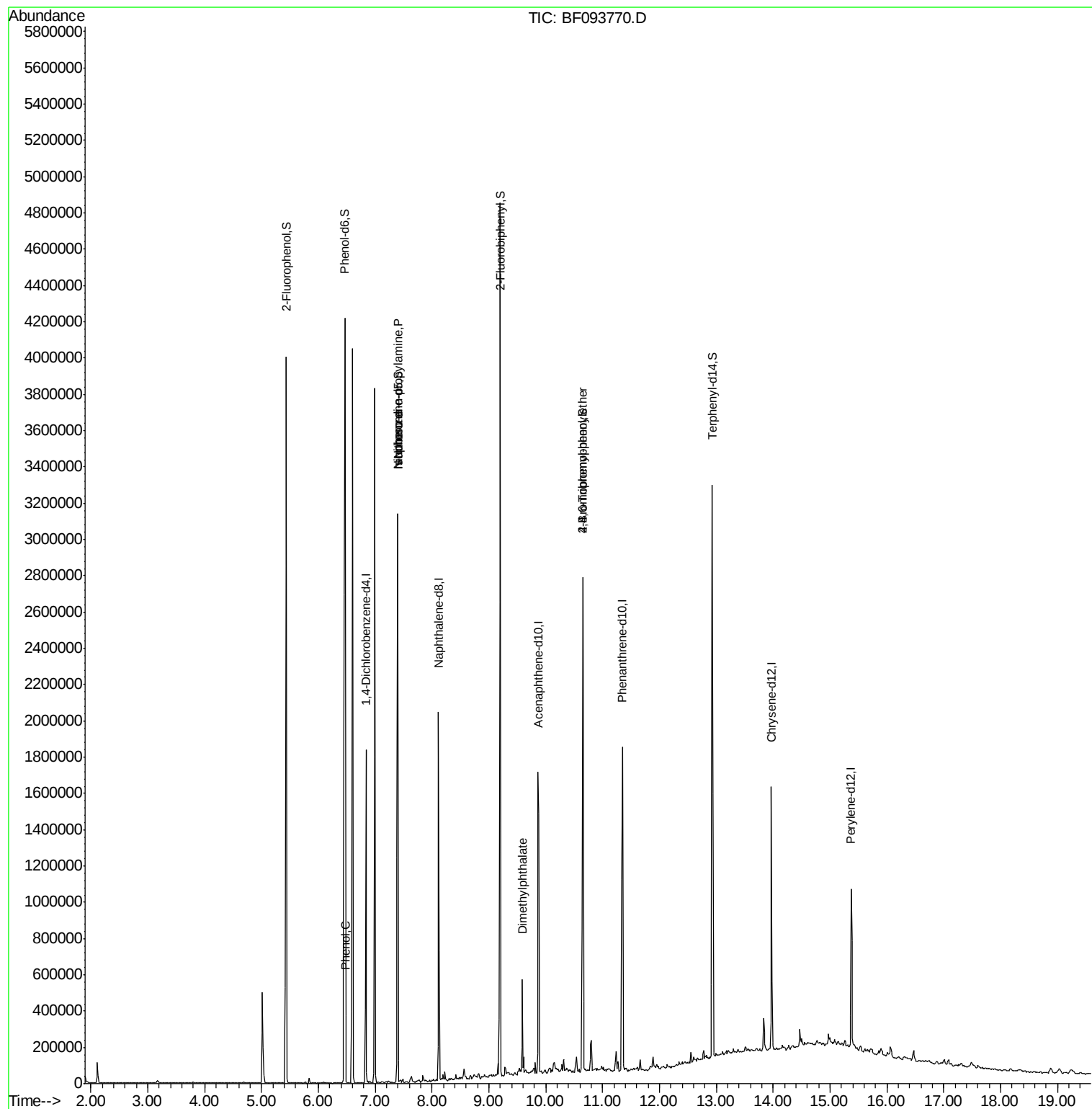
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	268793	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	991229	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	464025	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	787469	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	469077	20.00	ng	-0.03
86) Perylene-d12	15.37	264	415839	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1503898	97.84	ng	0.00
7) Phenol-d6	6.47	99	1869433	98.43	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1077725	61.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	300694	83.66	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1810396	65.61	ng	-0.01
78) Terphenyl-d14	12.93	244	1112610	48.36	ng	-0.02
Target Compounds						
10) Phenol	6.48	94	122578	5.74	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	7.40	70	149605	12.02	ng	# 80
25) Isophorone	7.40	82	1056625	34.13	ng	# 67
49) Dimethylphthalate	9.59	163	202324	6.13	ng	# 98
66) 4-Bromophenyl-phenylether	10.65	248	20981	2.77	ng	# 1

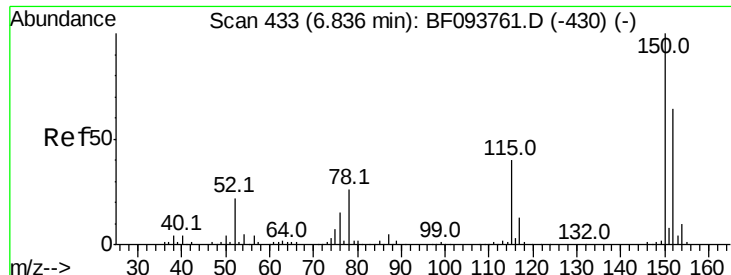
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
Data File : BF093770.D
Acq On : 20 Mar 2017 18:02
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Mar 21 01:03:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
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QLast Update : Mon Mar 20 16:03:59 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

BHP-1

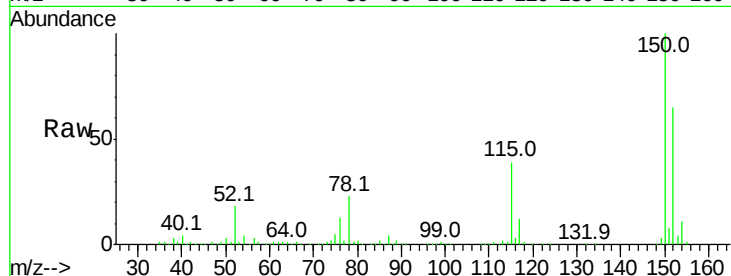
Tot Ion:152 Resp: 268793

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.2

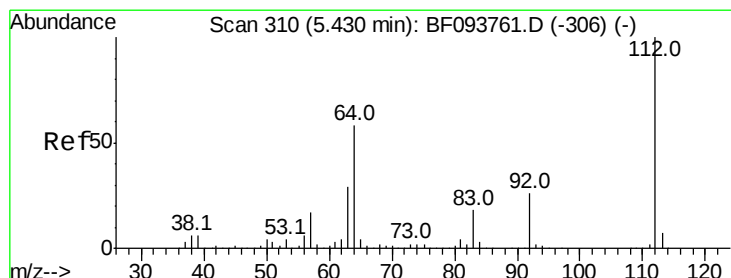
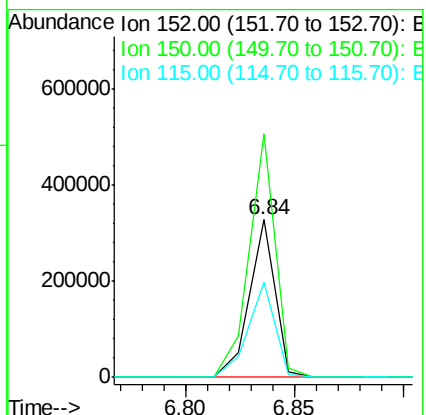
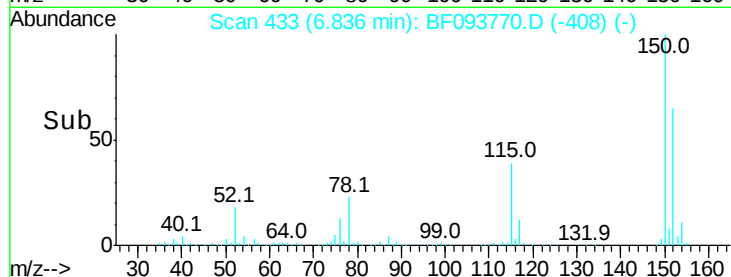
115 60.5 52.2 78.2



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: 97.84 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

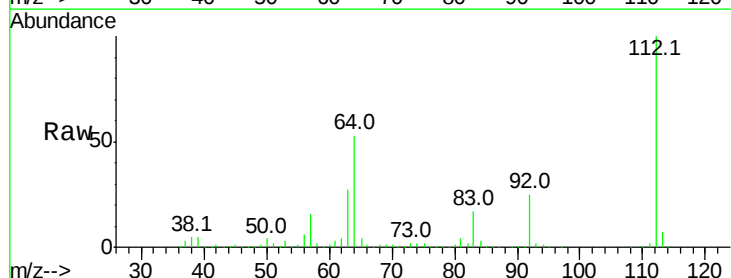
Tgt Ion:112 Resp: 1503898

Ion Ratio Lower Upper

112 100

64 53.4 46.0 69.0

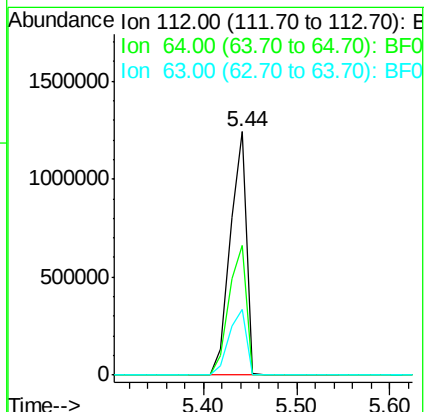
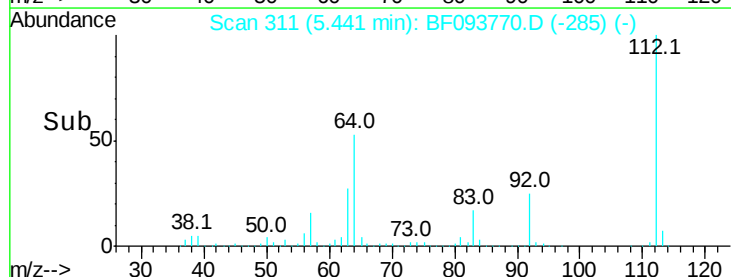
63 27.0 23.4 35.0

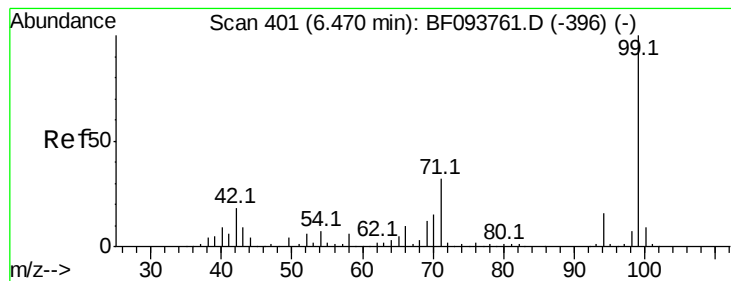


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.43 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

BHP-1

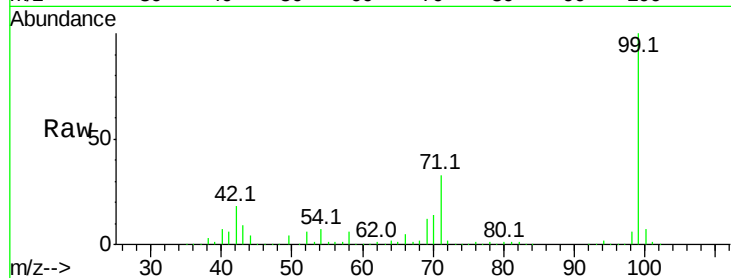
Tot Ion: 99 Resp: 1869433

Ion Ratio Lower Upper

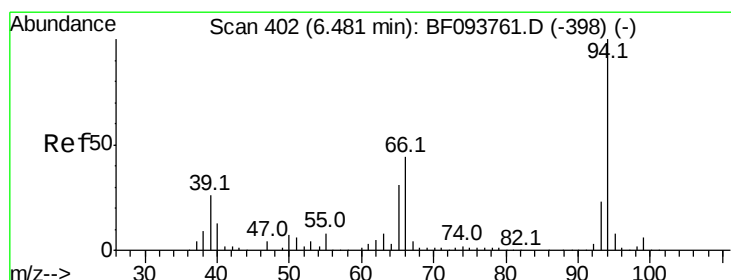
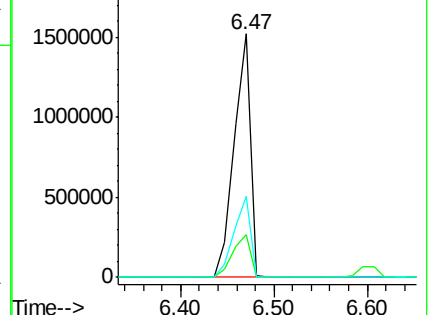
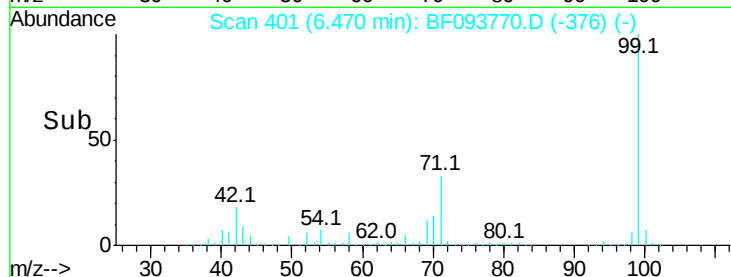
99 100

42 17.7 13.5 20.3

71 33.3 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: 5.74 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

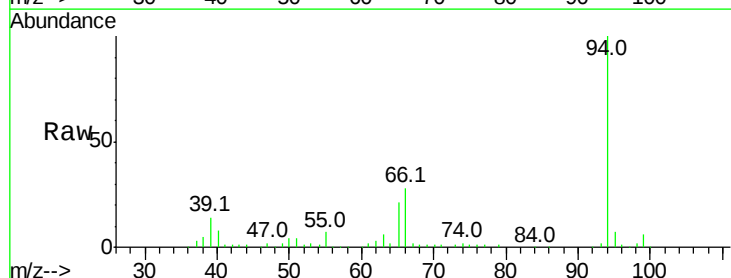
Tgt Ion: 94 Resp: 122578

Ion Ratio Lower Upper

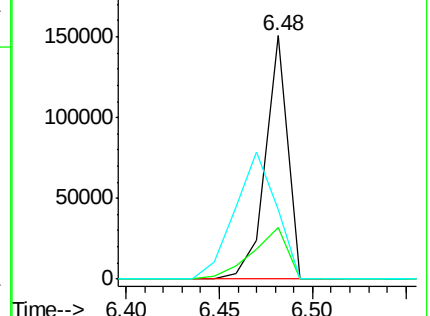
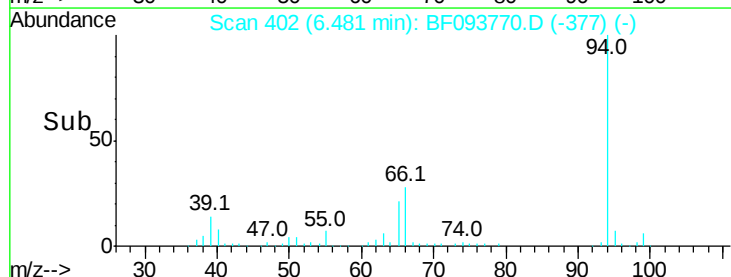
94 100

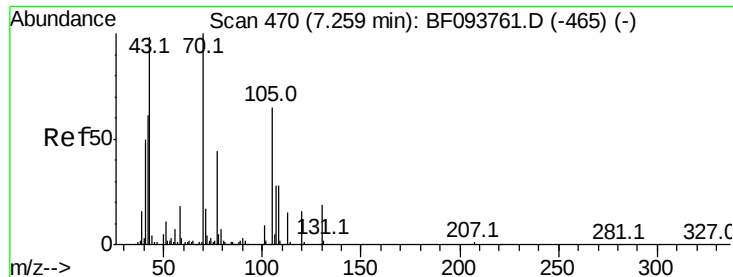
65 21.3 9.9 49.9

66 28.4 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

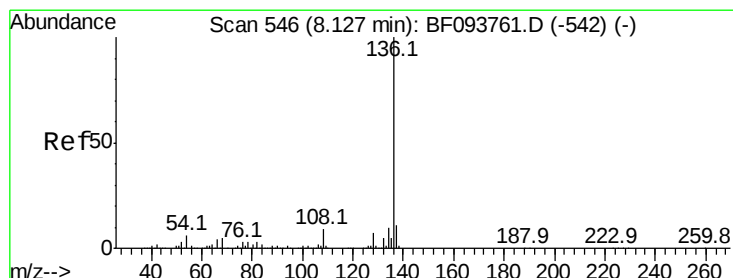
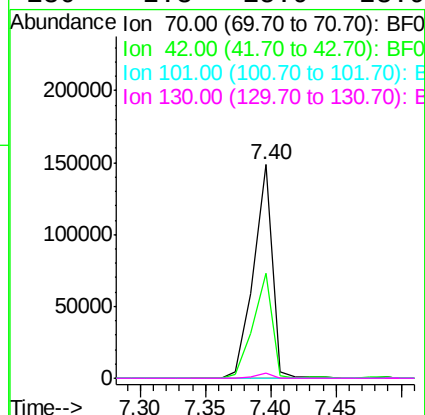
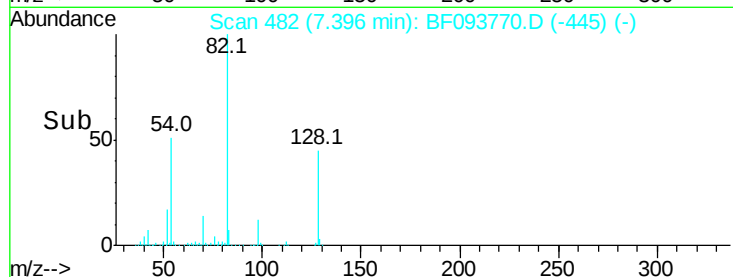
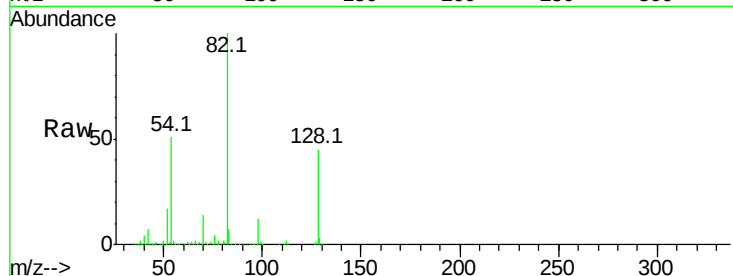




#19
n-Nitroso-di-n-propylamine
Concen: 12.02 ng
RT: 7.40 min Scan# 482
Delta R.T. 0.13 min
Lab File: BF093770.D
Acq: 20 Mar 2017 18:02

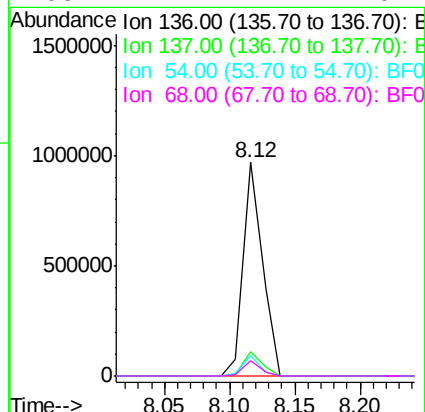
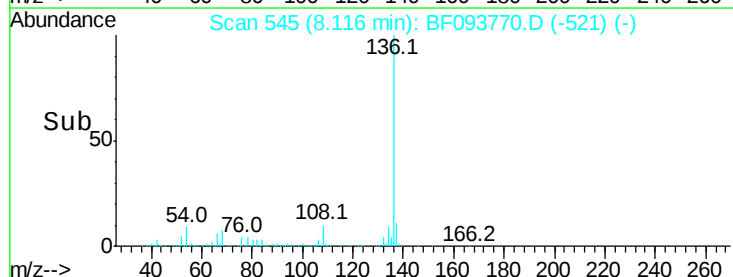
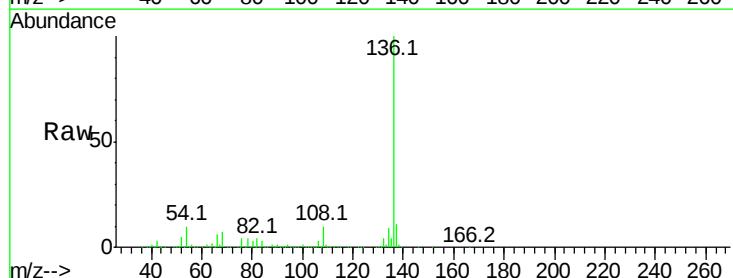
Instrument :
BNA_F
ClientSampleId :
BHP-1

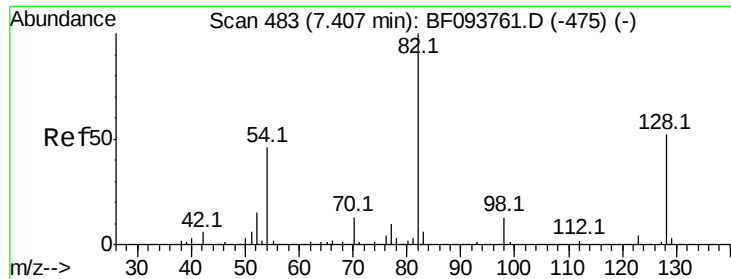
Tot Ion: 70 Resp: 149605
Ion Ratio Lower Upper
70 100
42 49.3 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF093770.D
Acq: 20 Mar 2017 18:02

Tgt Ion: 136 Resp: 991229
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 9.6 4.9 7.3#
68 7.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 61.68 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

BHP-1

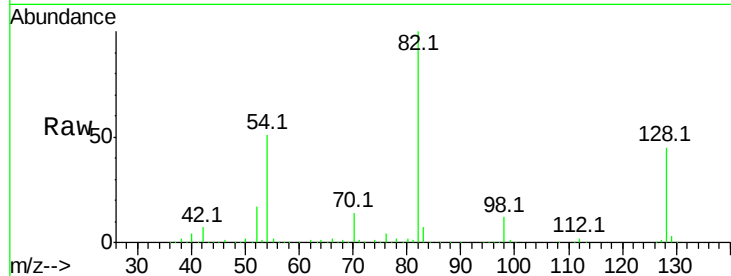
Tot Ion: 82 Resp: 1077725

Ion Ratio Lower Upper

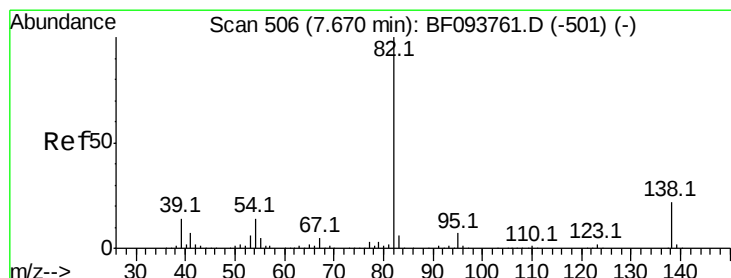
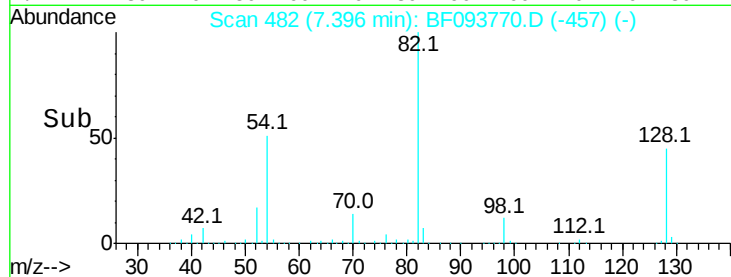
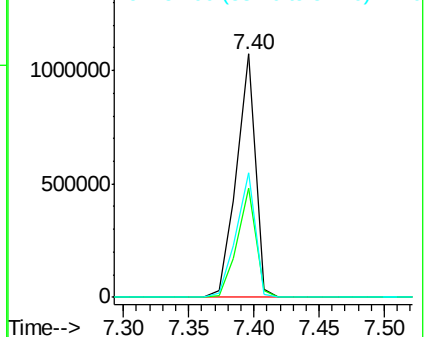
82 100

128 45.0 34.0 51.0

54 51.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.13 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.27 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

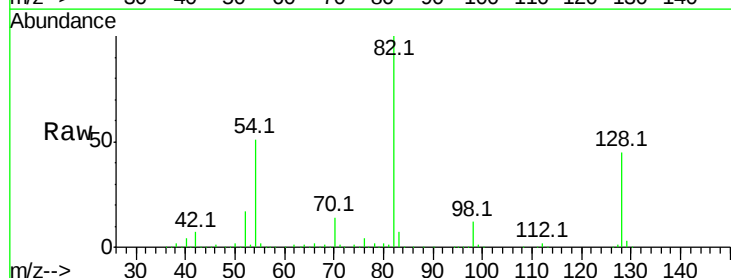
Tgt Ion: 82 Resp: 1056625

Ion Ratio Lower Upper

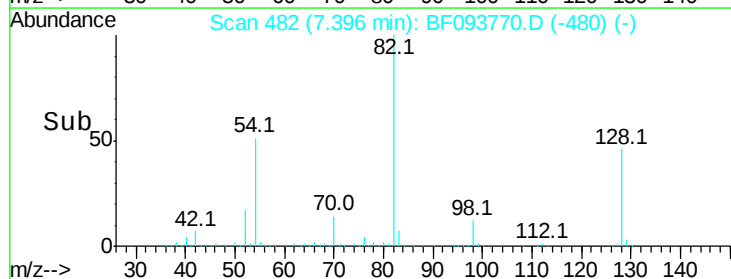
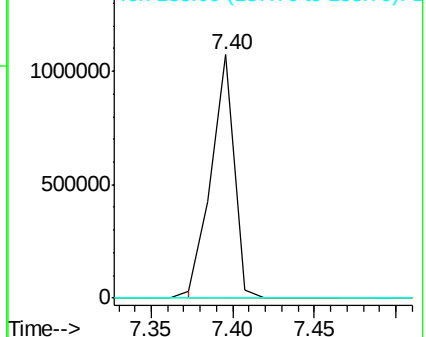
82 100

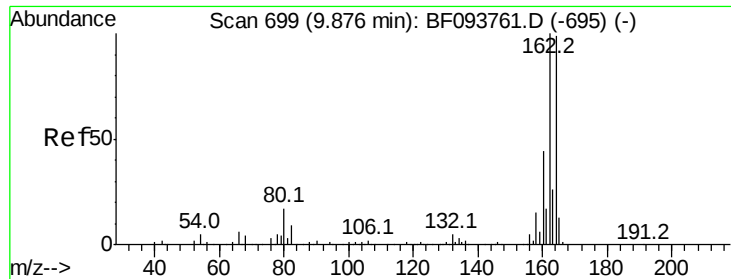
95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

BHP-1

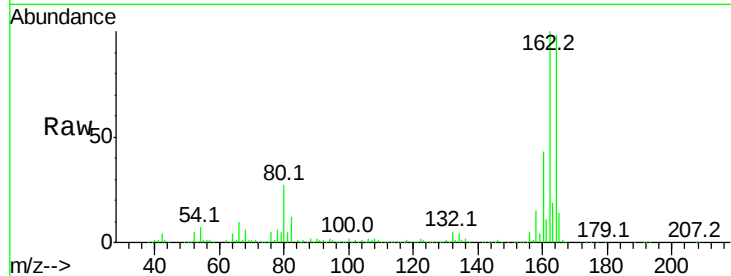
Tot Ion:164 Resp: 464025

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

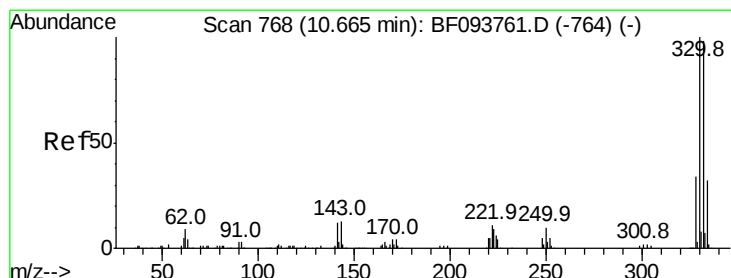
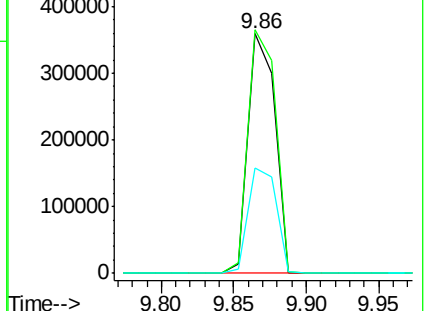
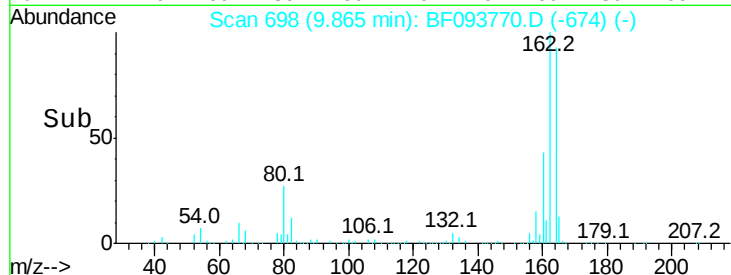
160 43.9 36.2 54.2



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: 83.66 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

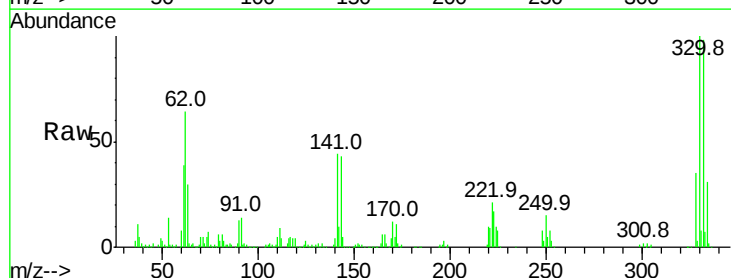
Tgt Ion:330 Resp: 300694

Ion Ratio Lower Upper

330 100

332 98.7 76.6 115.0

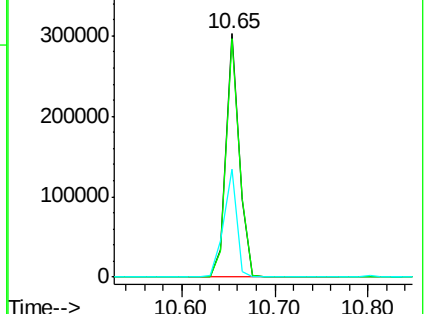
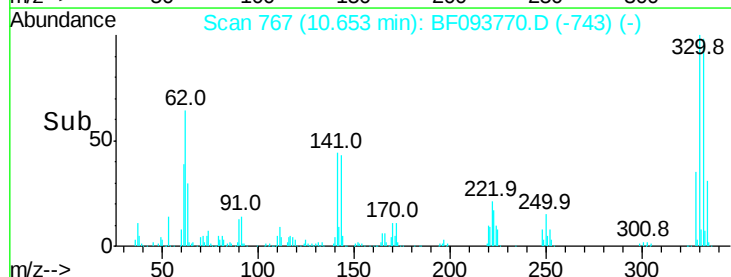
141 43.0 31.4 47.2

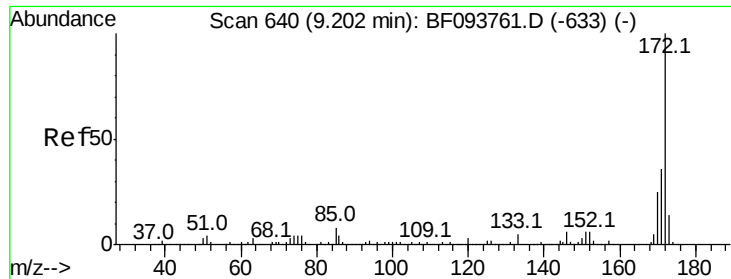


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

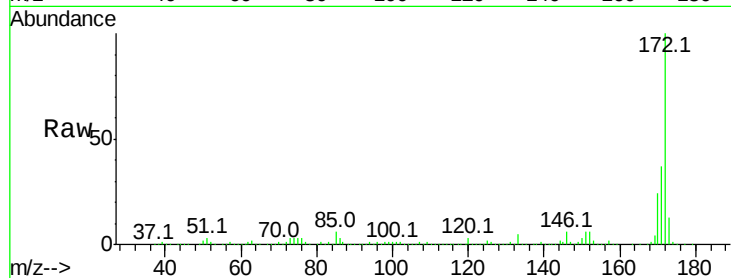




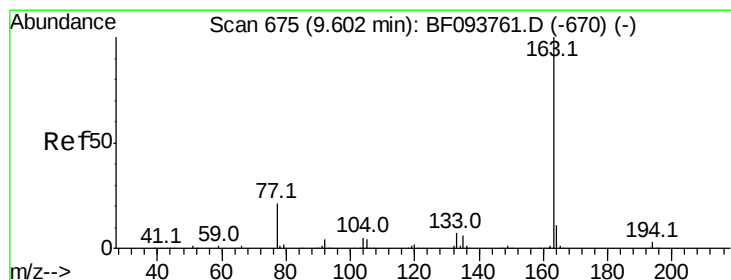
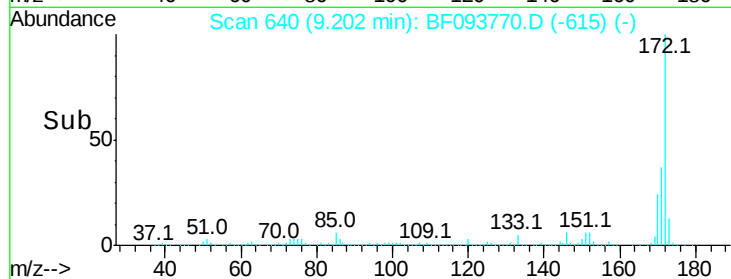
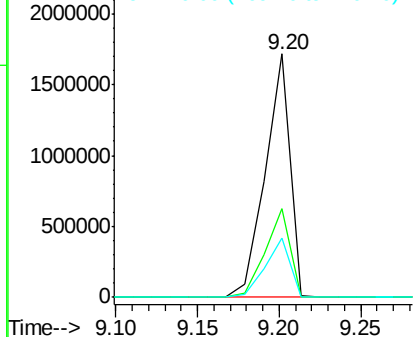
#44
2-Fluorobiphenyl
Concen: 65.61 ng
RT: 9.20 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF093770.D
Acq: 20 Mar 2017 18:02

Instrument :
BNA_F
ClientSampleId :
BHP-1

Tot Ion:172 Resp: 1810396
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.8 29.8

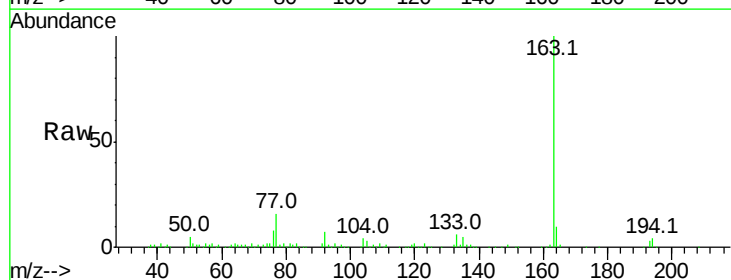


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

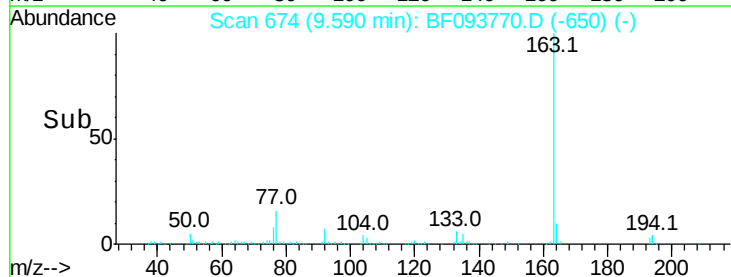
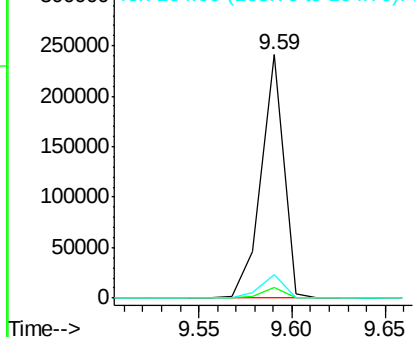


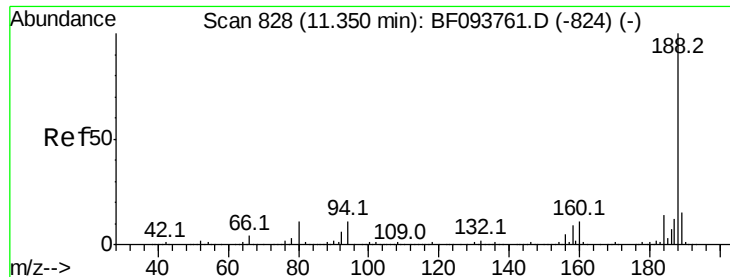
#49
Dimethylphthalate
Concen: 6.13 ng
RT: 9.59 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF093770.D
Acq: 20 Mar 2017 18:02

Tgt Ion:163 Resp: 202324
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 9.9 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

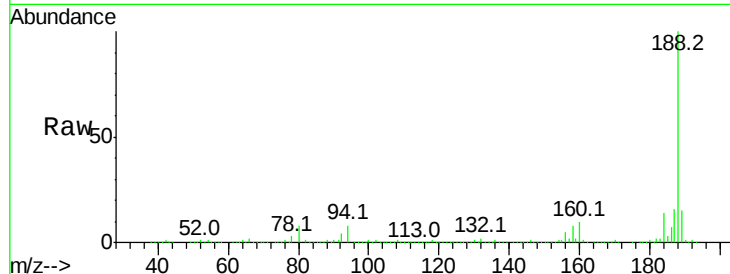




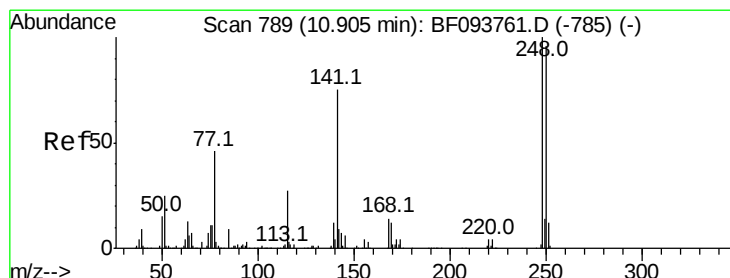
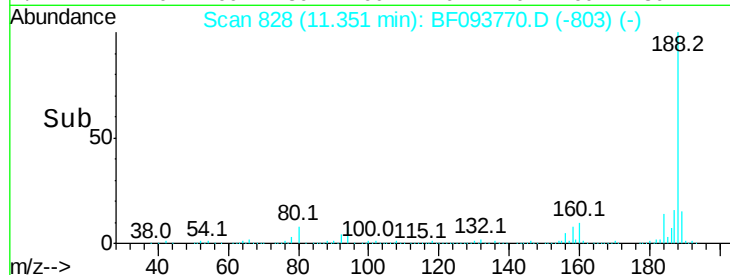
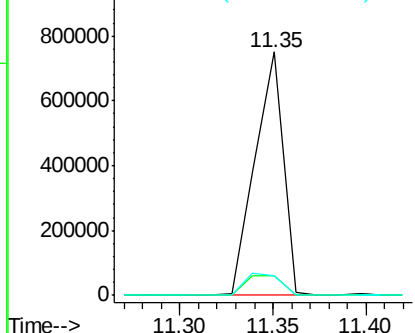
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF093770.D
 Acq: 20 Mar 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 BHP-1

Tot Ion:188 Resp: 787469
 Ion Ratio Lower Upper
 188 100
 94 8.0 9.4 14.2#
 80 7.9 10.2 15.2#

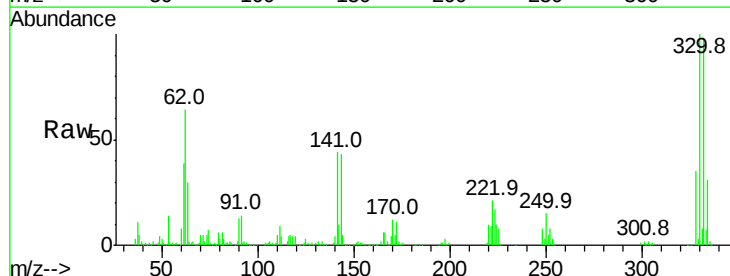


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

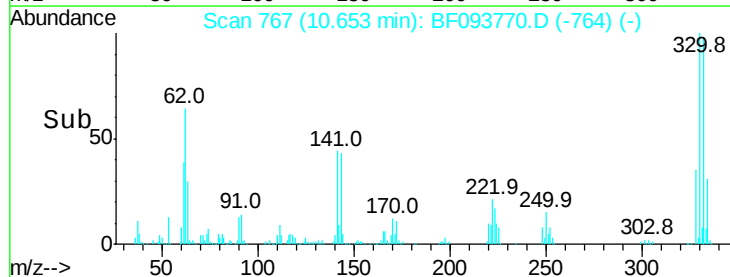
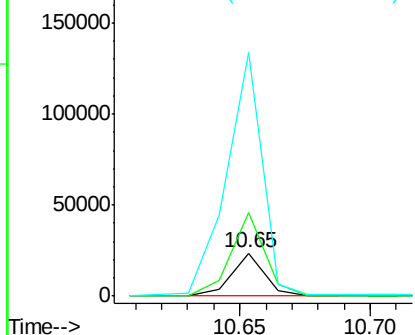


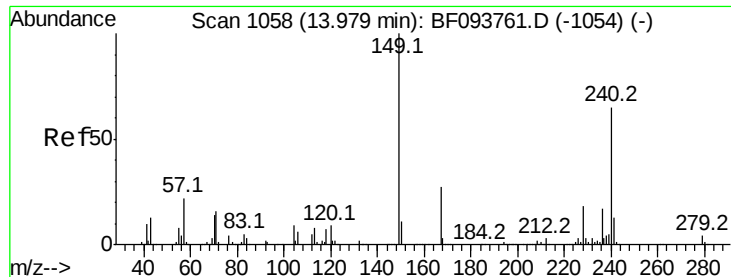
#66
 4-Bromophenyl-phenylether
 Concen: 2.77 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.26 min
 Lab File: BF093770.D
 Acq: 20 Mar 2017 18:02

Tgt Ion:248 Resp: 20981
 Ion Ratio Lower Upper
 248 100
 250 196.4 76.8 115.2#
 141 568.7 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. -0.03 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

Instrument :

BNA_F

ClientSampleId :

BHP-1

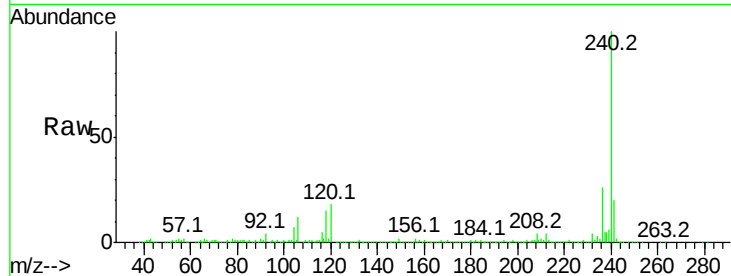
Tot Ion:240 Resp: 469077

Ion Ratio Lower Upper

240 100

120 17.6 5.8 8.8#

236 26.2 20.5 30.7

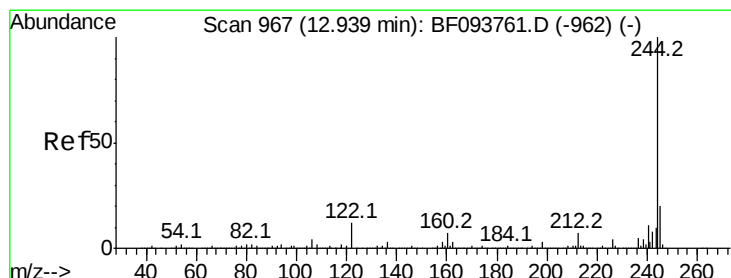
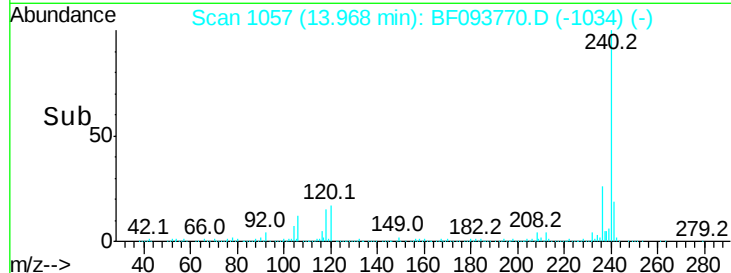
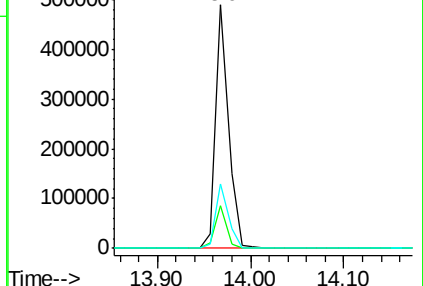


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.97



#78

Terphenyl-d14

Concen: 48.36 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093770.D

Acq: 20 Mar 2017 18:02

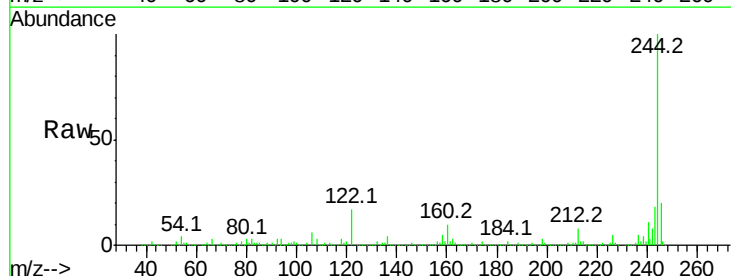
Tgt Ion:244 Resp: 1112610

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 17.2 10.3 15.5#

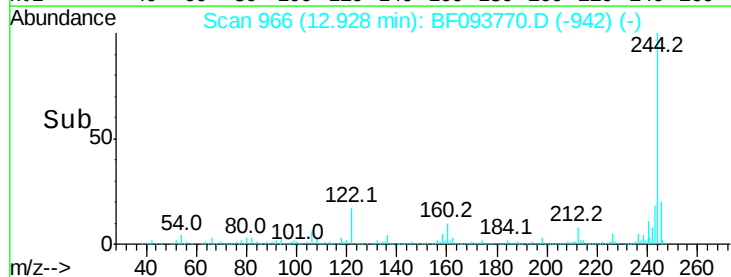
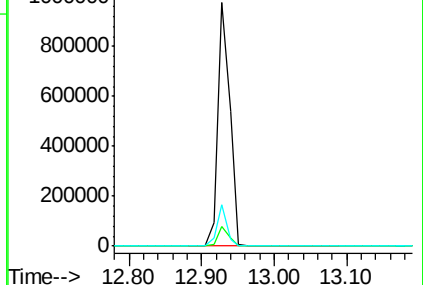


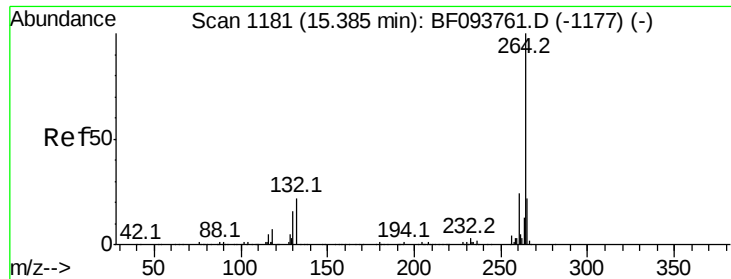
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.93





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF093770.D
Acq: 20 Mar 2017 18:02

Instrument :
BNA_F
ClientSampleId :
BHP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.4	17.2	25.8

