

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093814.D
 Acq On : 21 Mar 2017 22:35
 Operator : SJ/MA
 Sample : I2304-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B5(0-5)

Quant Time: Mar 22 00:56:48 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

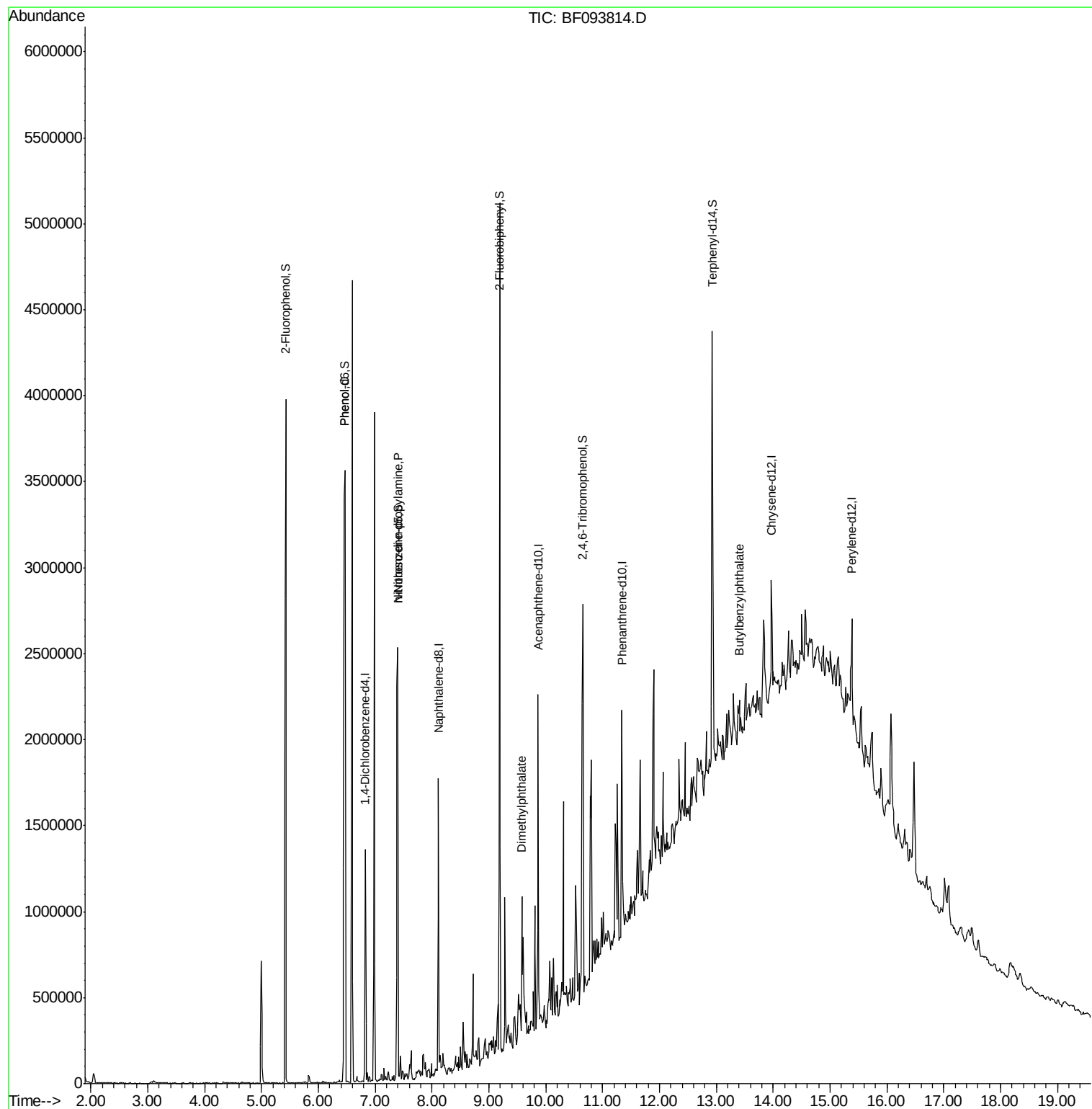
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	201094	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	806875	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	351993	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	493087	20.00	ng	0.00
75) Chrysene-d12	13.97	240	323453	20.00	ng	0.00
86) Perylene-d12	15.38	264	309070	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1501928	130.61	ng	0.01
7) Phenol-d6	6.47	99	2087064	146.88	ng	0.01
23) Nitrobenzene-d5	7.40	82	1257454	88.41	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	359870	132.00	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1711254	81.75	ng	0.00
78) Terphenyl-d14	12.93	244	998197	62.92	ng	0.00
Target Compounds						
10) Phenol	6.47	94	89971	5.63	ng	# 20
19) n-Nitroso-di-n-propylamine	7.40	70	168319	18.08	ng	# 73
49) Dimethylphthalate	9.58	163	267242	10.67	ng	# 99
79) Butylbenzylphthalate	13.41	149	31749	2.64	ng	# 77

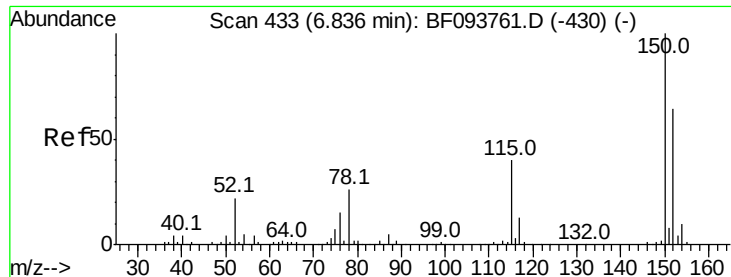
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 21 14:38:20 2017
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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: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

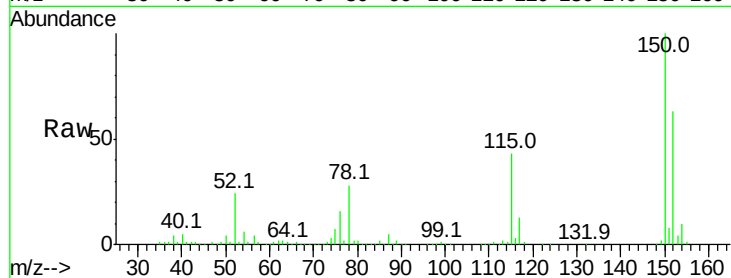
Tot Ion:152 Resp: 201094

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

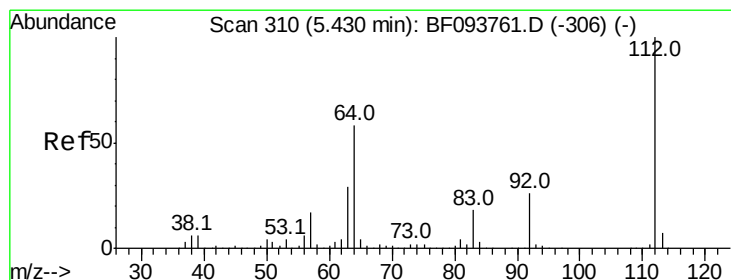
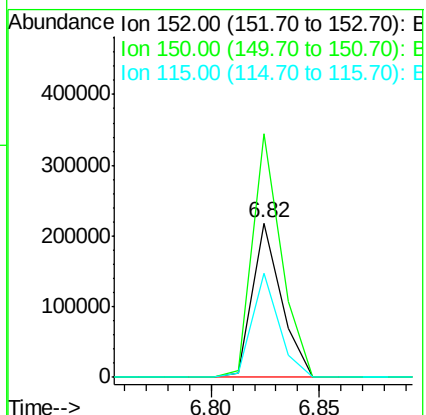
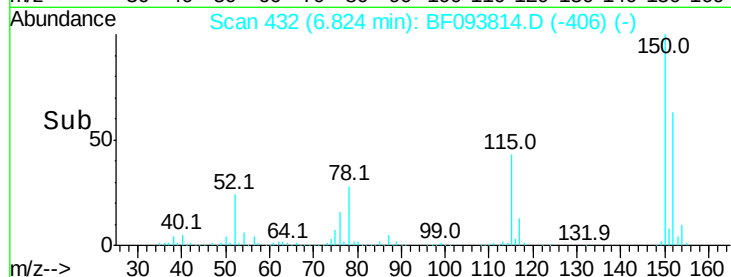
115 67.2 52.2 78.2



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: 130.61 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

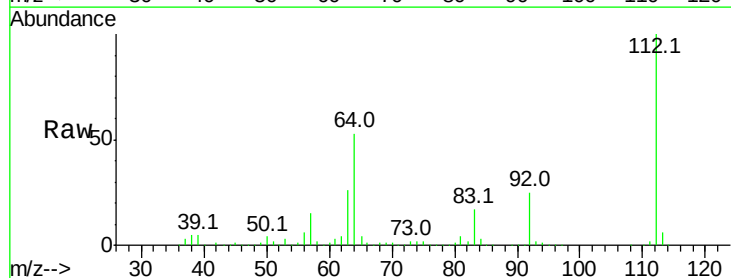
Tgt Ion:112 Resp: 1501928

Ion Ratio Lower Upper

112 100

64 53.0 46.0 69.0

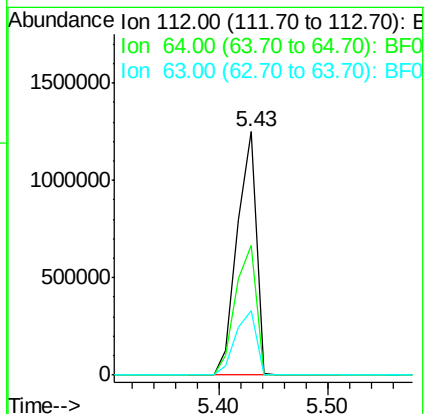
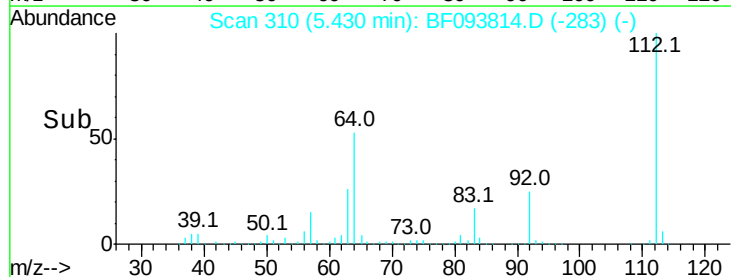
63 26.3 23.4 35.0

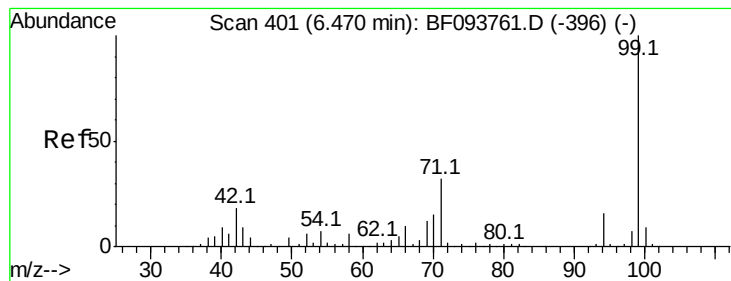


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.88 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

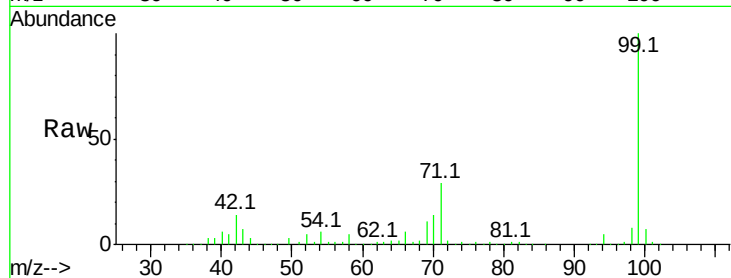
Tot Ion: 99 Resp: 2087064

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

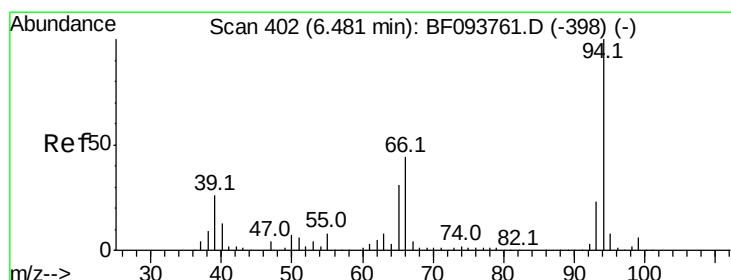
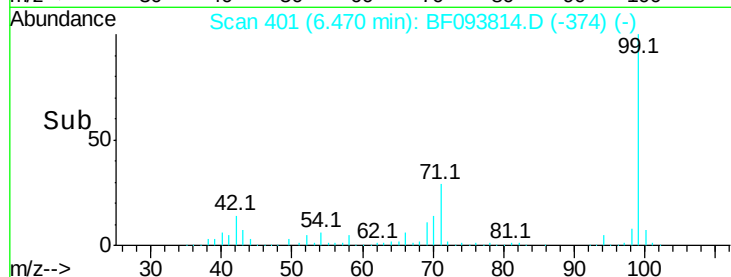
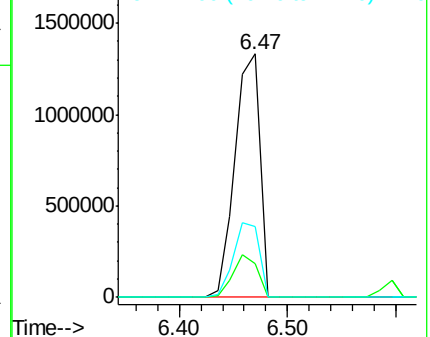
71 29.3 24.5 36.7



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: 5.63 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

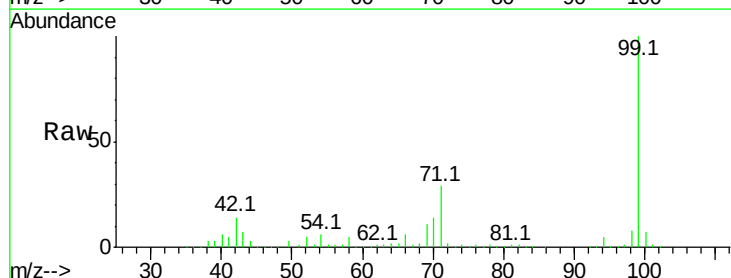
Tgt Ion: 94 Resp: 89971

Ion Ratio Lower Upper

94 100

65 45.3 9.9 49.9

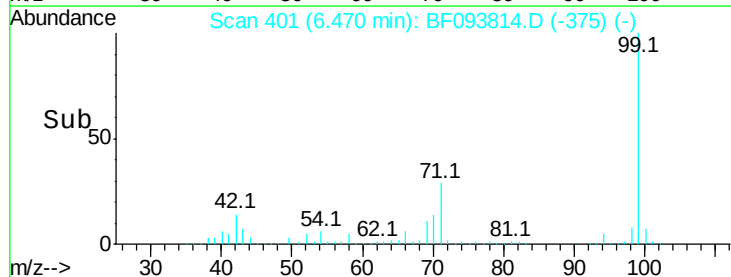
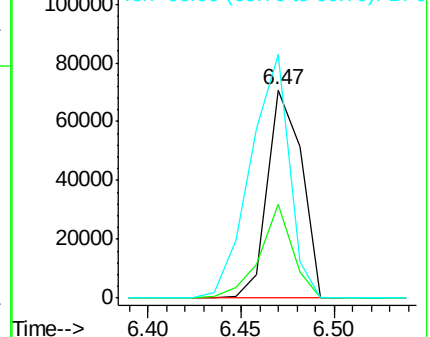
66 117.0 23.1 63.1#

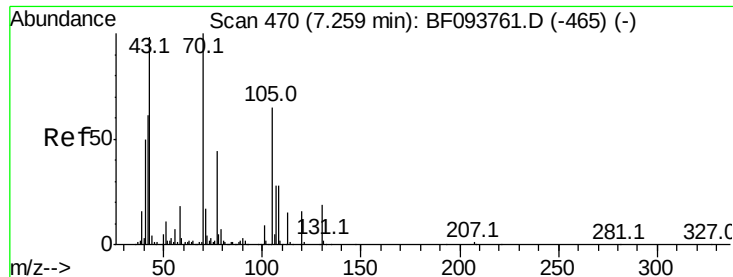


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

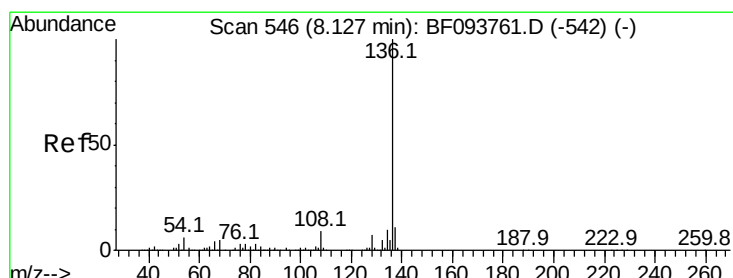
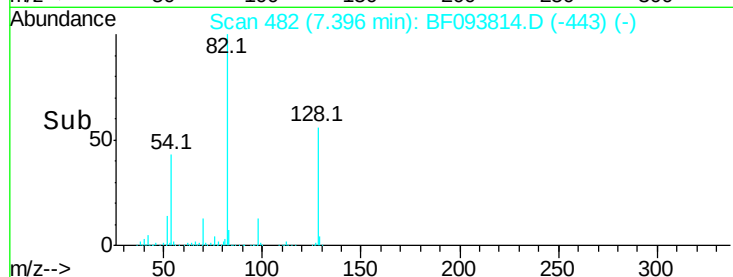
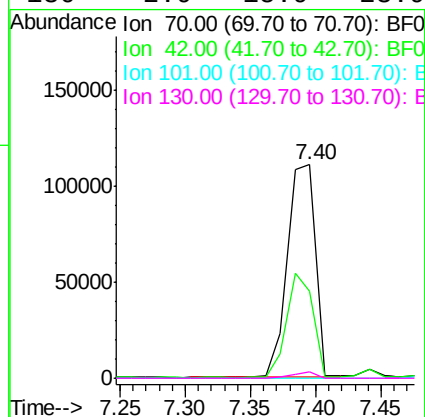
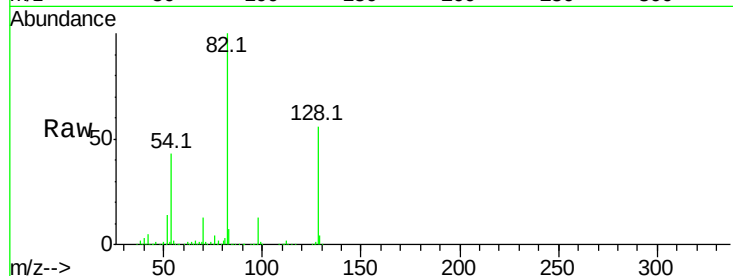




#19
n-Nitroso-di-n-propylamine
Concen: 18.08 ng
RT: 7.40 min Scan# 482
Delta R.T. 0.15 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

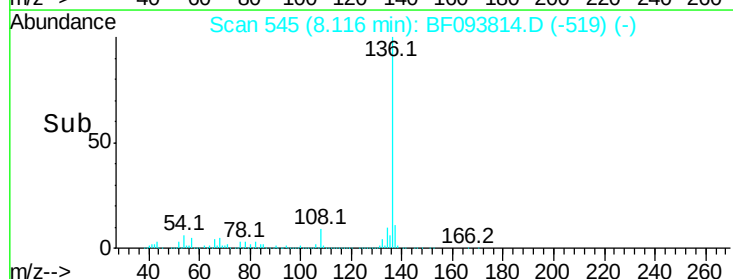
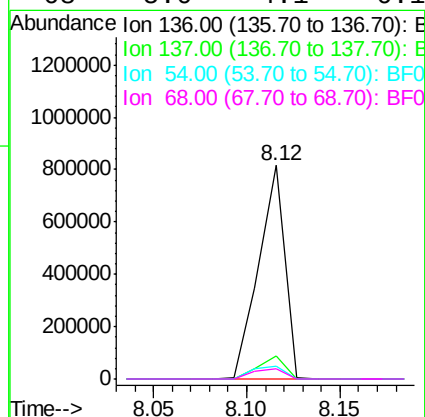
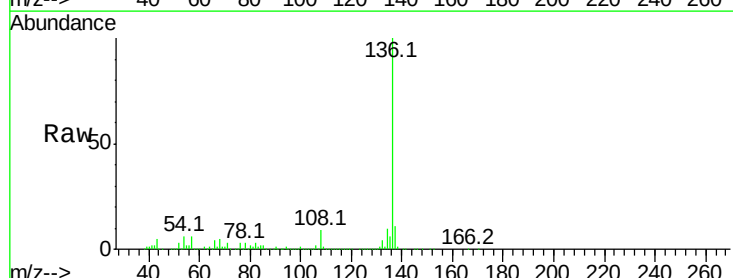
Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

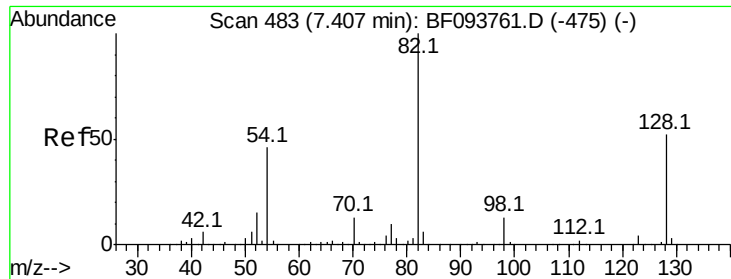
Tot Ion: 70 Resp: 168319
Ion Ratio Lower Upper
70 100
42 41.1 47.2 70.8#
101 0.0 7.2 10.8#
130 2.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:136 Resp: 806875
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 5.9 4.9 7.3
68 5.0 4.1 6.1

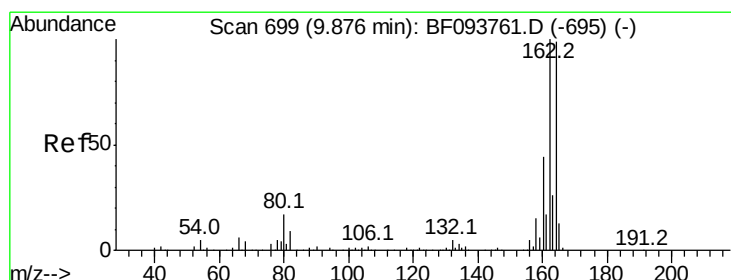
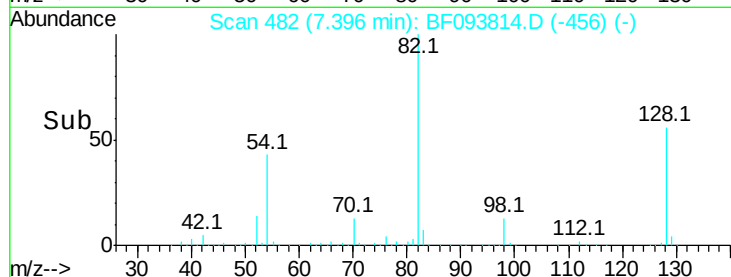
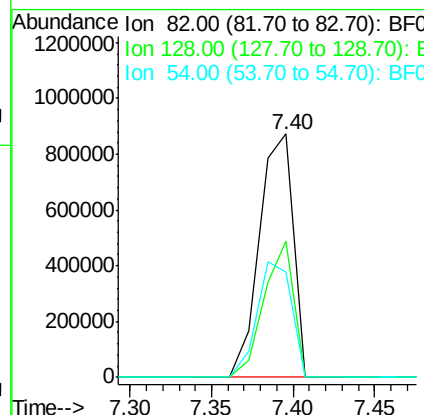
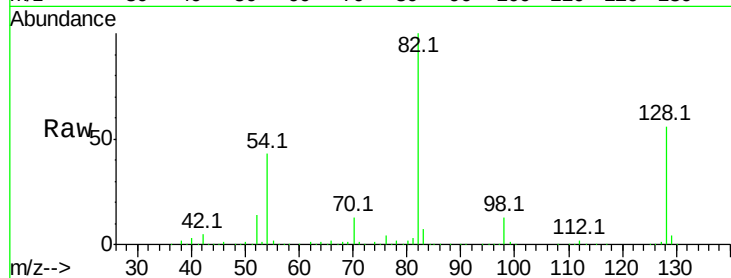




#23
 Nitrobenzene-d5
 Concen: 88.41 ng
 RT: 7.40 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF093814.D
 Acq: 21 Mar 2017 22:35

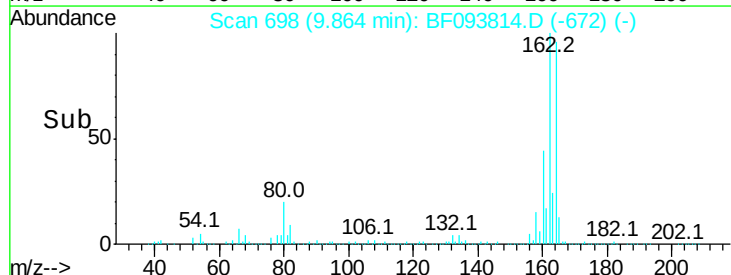
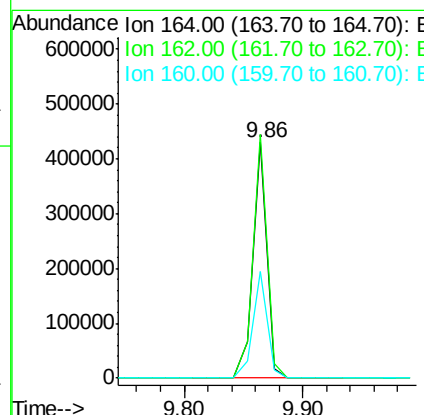
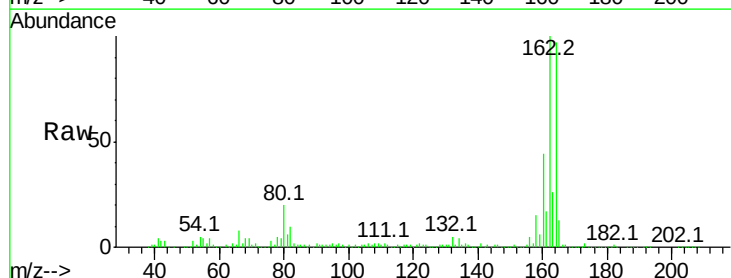
Instrument :
 BNA_F
 ClientSampleId :
 SPA-B5(0-5)

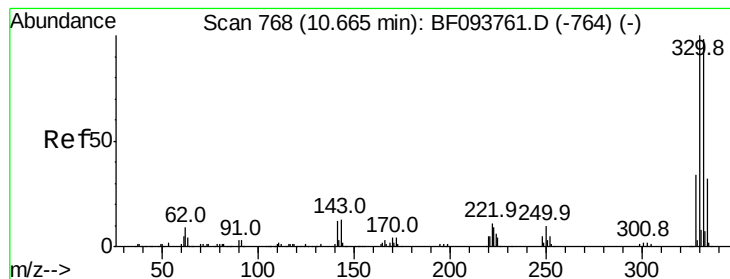
Tot Ion: 82 Resp: 1257454
 Ion Ratio Lower Upper
 82 100
 128 55.8 34.0 51.0#
 54 43.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093814.D
 Acq: 21 Mar 2017 22:35

Tgt Ion:164 Resp: 351993
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.3 36.2 54.2

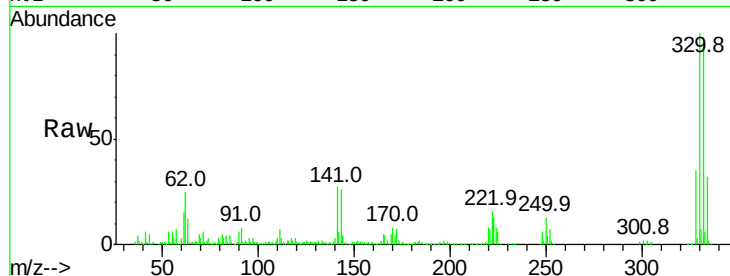




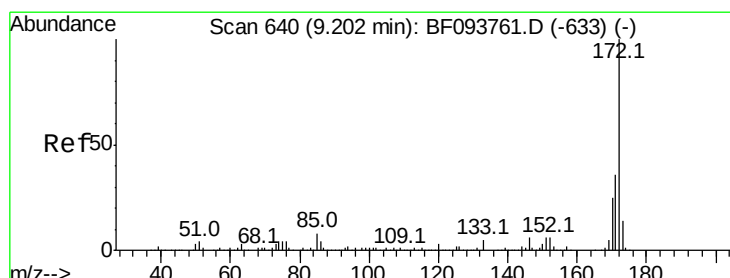
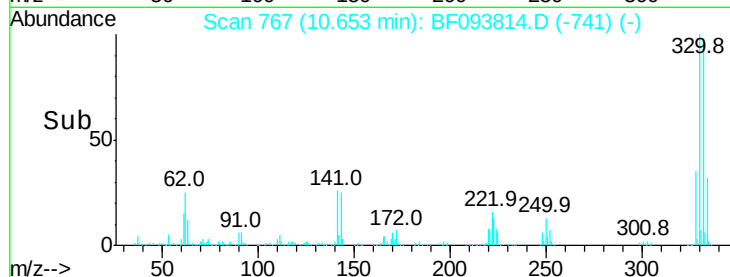
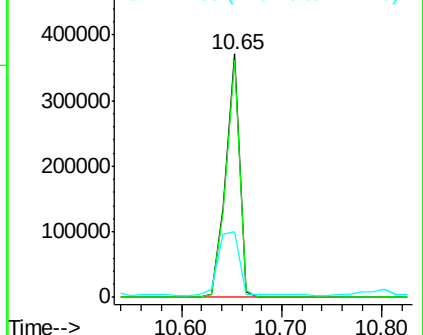
#41
 2,4,6-Tribromophenol
 Concen: 132.00 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093814.D
 Acq: 21 Mar 2017 22:35

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B5(0-5)

Tot Ion:330 Resp: 359870
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.8 31.4 47.2

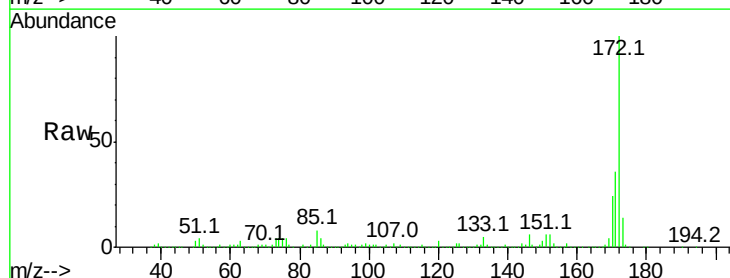


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

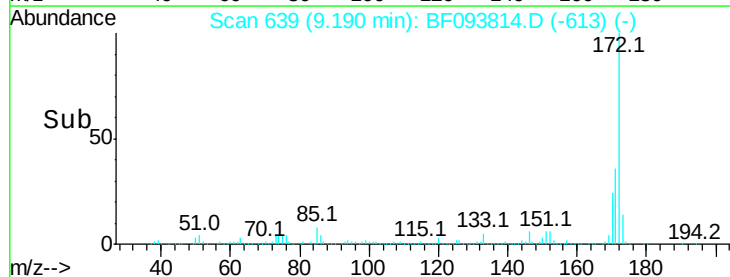
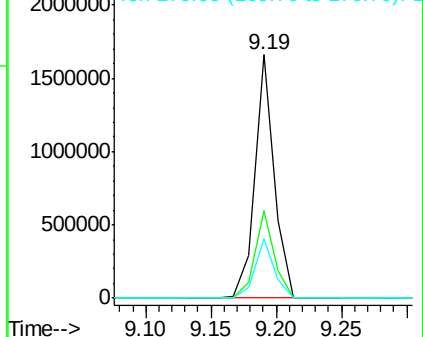


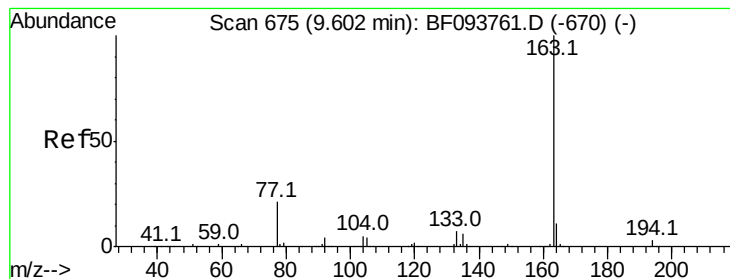
#44
 2-Fluorobiphenyl
 Concen: 81.75 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093814.D
 Acq: 21 Mar 2017 22:35

Tgt Ion:172 Resp: 1711254
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 10.67 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

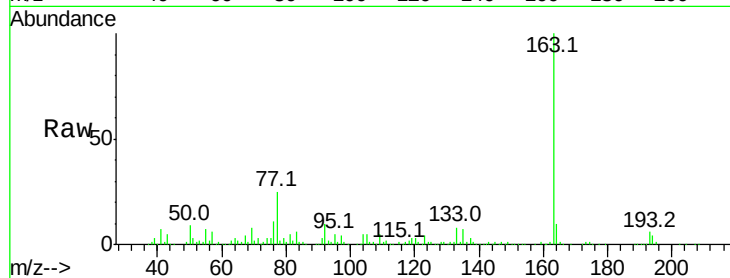
Tot Ion:163 Resp: 267242

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

164 10.4 8.4 12.6

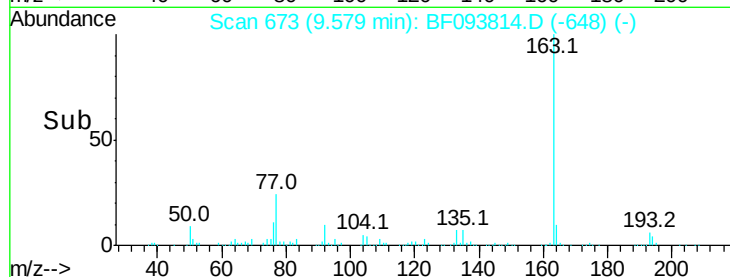


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

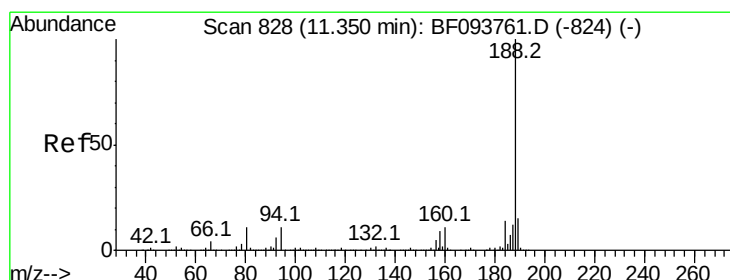
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

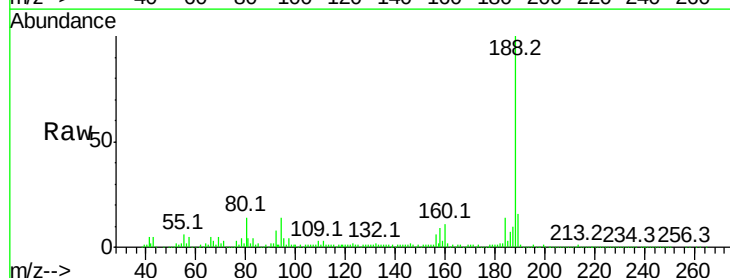
Tgt Ion:188 Resp: 493087

Ion Ratio Lower Upper

188 100

94 13.6 9.4 14.2

80 14.4 10.2 15.2

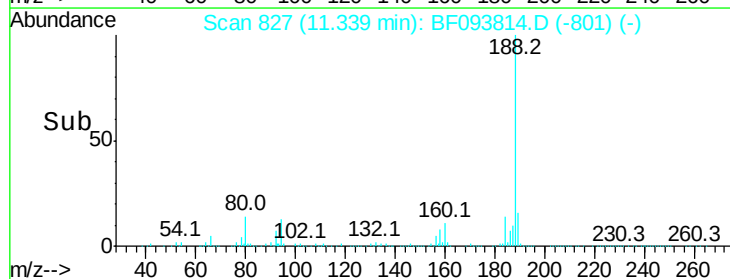


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

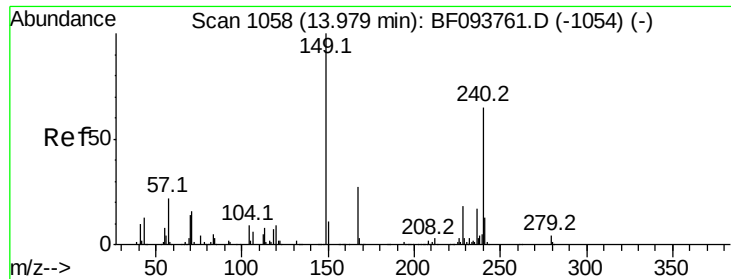
Ion 80.00 (79.70 to 80.70): BF0

Time-->



Abundance

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

Instrument :

BNA_F

ClientSampleId :

SPA-B5(0-5)

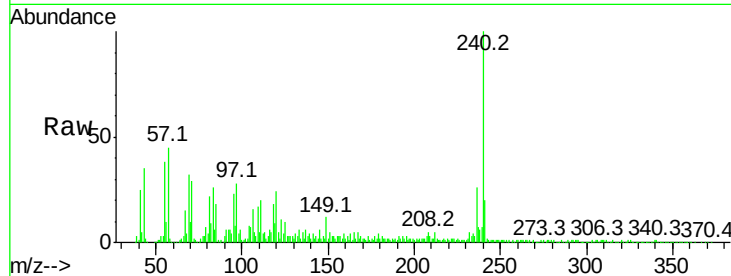
Tot Ion:240 Resp: 323453

Ion Ratio Lower Upper

240 100

120 23.6 5.8 8.8#

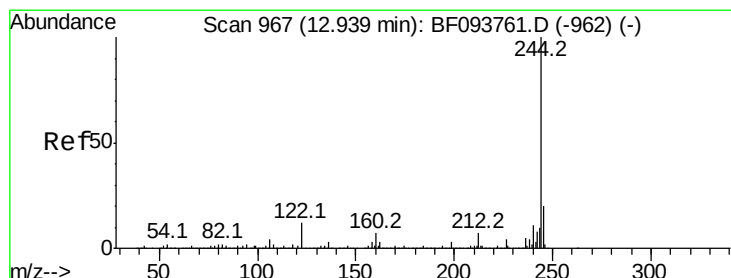
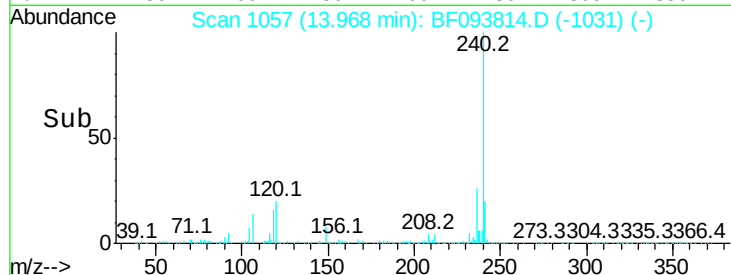
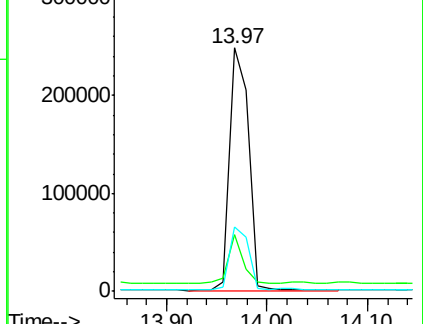
236 26.4 20.5 30.7



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: 62.92 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093814.D

Acq: 21 Mar 2017 22:35

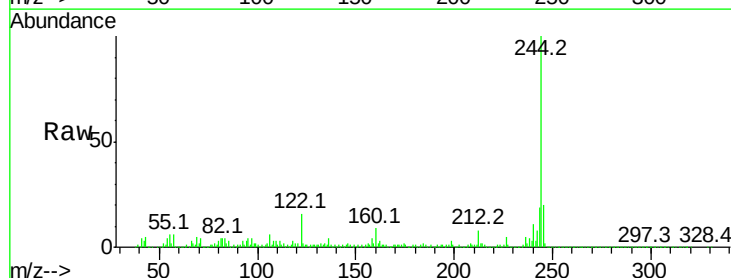
Tgt Ion:244 Resp: 998197

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

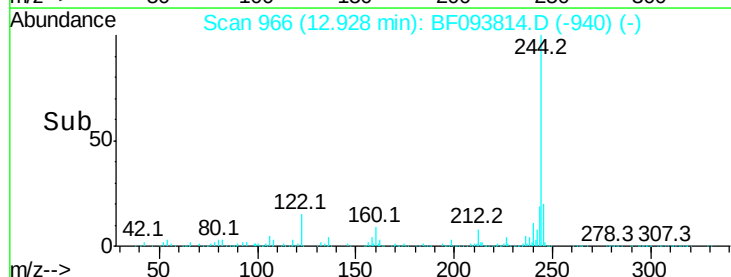
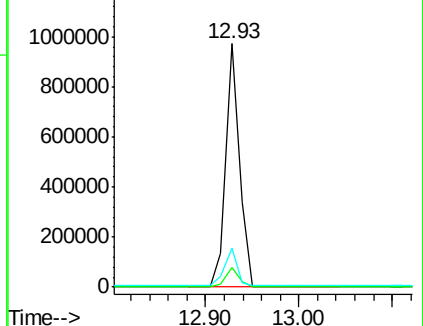
122 15.9 10.3 15.5#

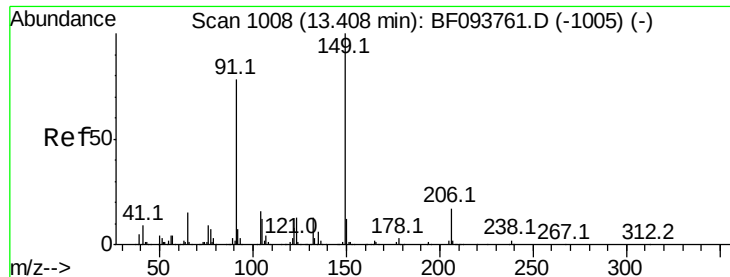


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

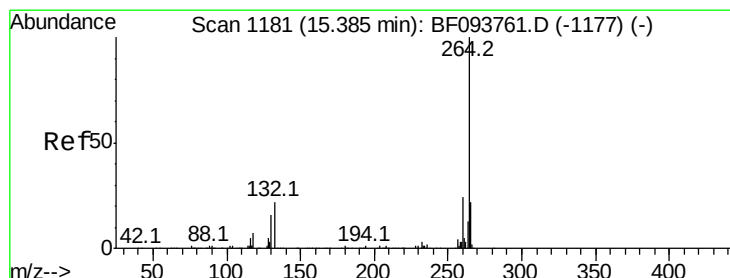
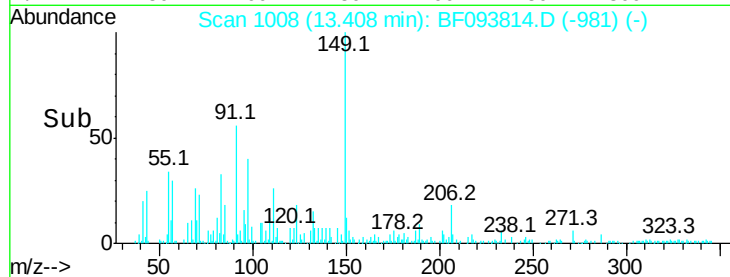
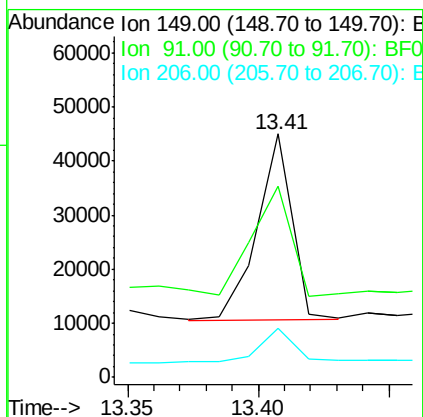
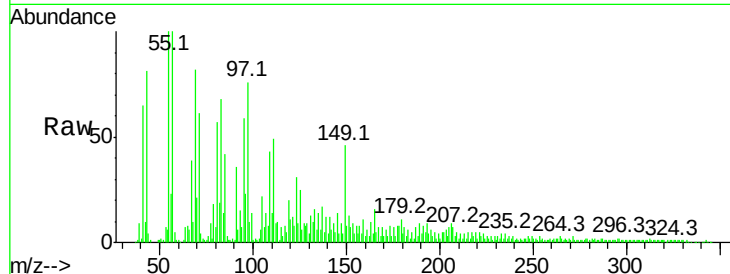




#79
Butylbenzylphthalate
Concen: 2.64 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tot Ion:	149	Resp:	31749
Ion	Ratio	Lower	Upper
149	100		
91	78.4	45.0	67.4#
206	20.3	17.0	25.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:	264	Resp:	309070
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.2	25.8

