

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093812.D
 Acq On : 21 Mar 2017 21:39
 Operator : SJ/MA
 Sample : I2304-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B3(0-5)

Quant Time: Mar 22 00:56:16 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

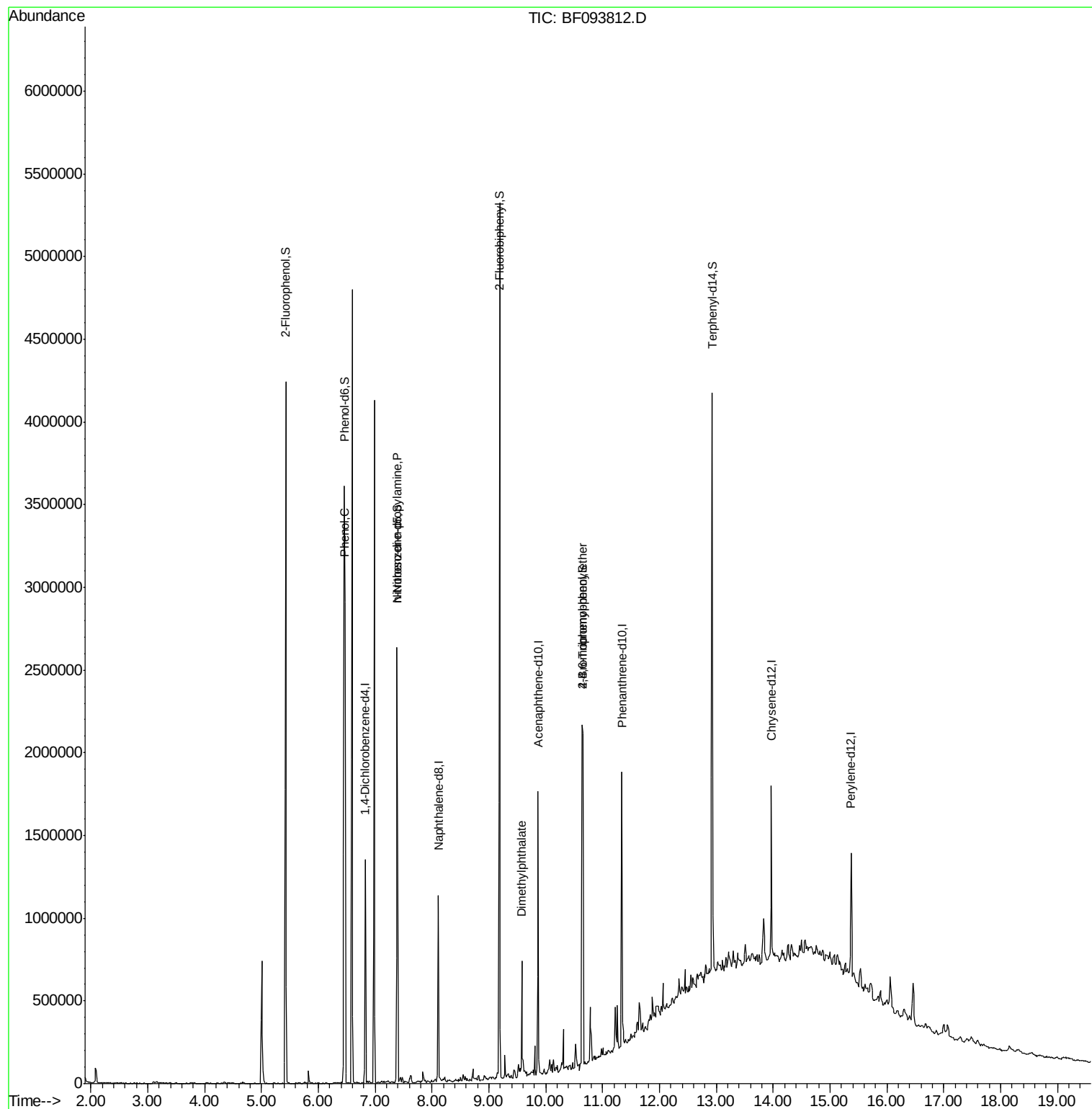
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	185255	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	744337	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	354118	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	554057	20.00	ng	0.00
75) Chrysene-d12	13.97	240	355674	20.00	ng	0.00
86) Perylene-d12	15.37	264	329240	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1376342	129.92	ng	0.01
7) Phenol-d6	6.46	99	1995654	152.45	ng	0.00
23) Nitrobenzene-d5	7.38	82	1132913	86.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	389024	141.83	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1695965	80.53	ng	0.00
78) Terphenyl-d14	12.93	244	1145844	65.68	ng	0.00
Target Compounds						
10) Phenol	6.47	94	92344	6.28	ng	# 61
19) n-Nitroso-di-n-propylamine	7.38	70	148504	17.32	ng	# 81
49) Dimethylphthalate	9.58	163	252213	10.01	ng	100
66) 4-Bromophenyl-phenylether	10.65	248	26734	5.01	ng	# 1

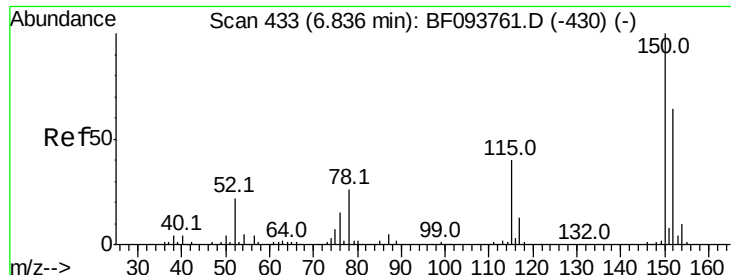
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093812.D

Acq: 21 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

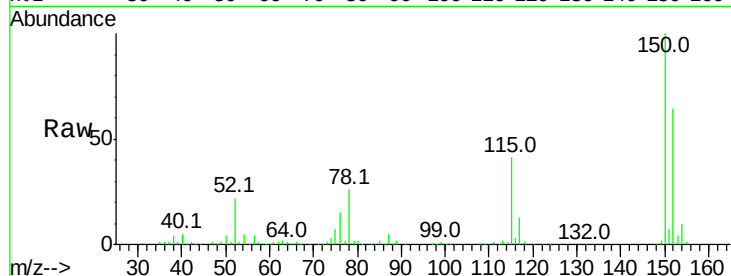
Tot Ion:152 Resp: 185255

Ion Ratio Lower Upper

152 100

150 157.5 126.2 189.2

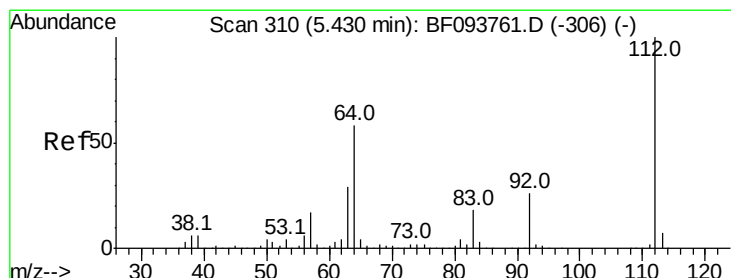
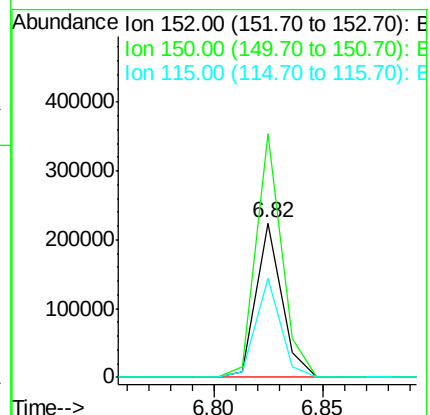
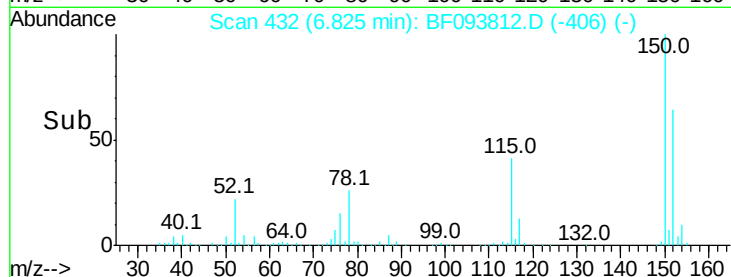
115 64.2 52.2 78.2



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: 129.92 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093812.D

Acq: 21 Mar 2017 21:39

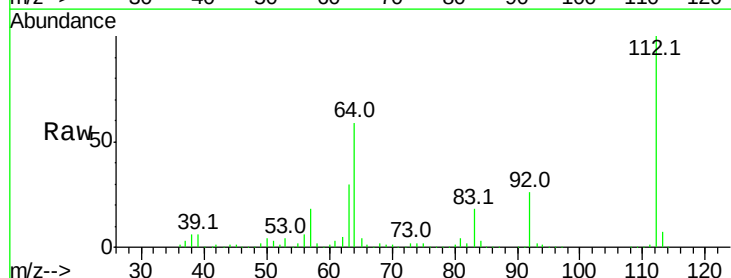
Tgt Ion:112 Resp: 1376342

Ion Ratio Lower Upper

112 100

64 59.4 46.0 69.0

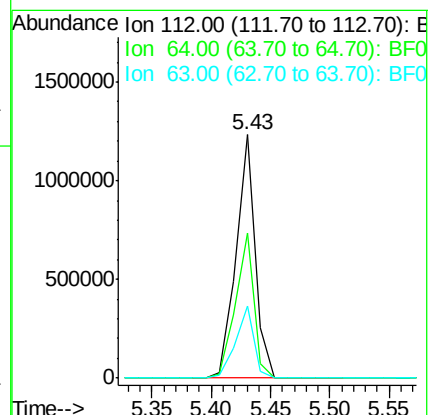
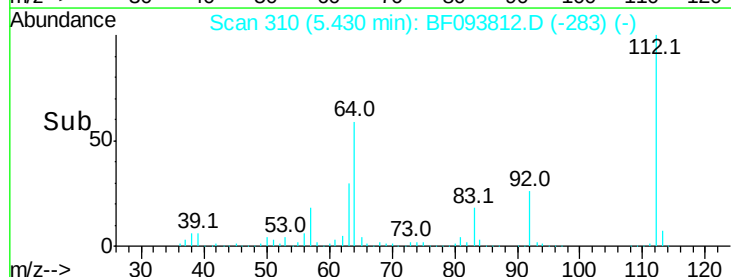
63 29.6 23.4 35.0

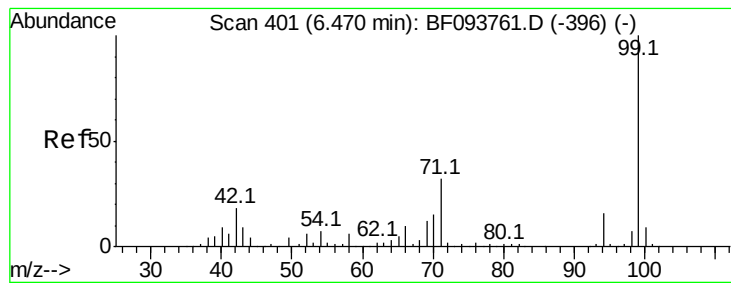


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.45 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093812.D

Acq: 21 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

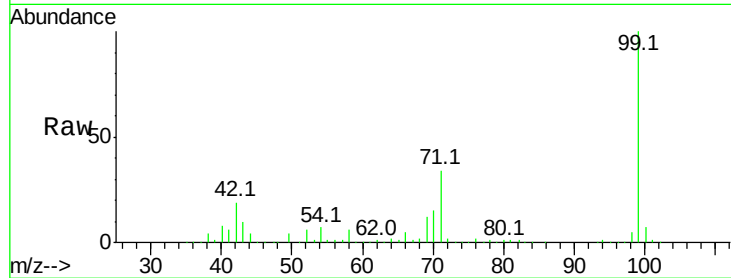
Tot Ion: 99 Resp: 1995654

Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.5	20.3
71	33.5	24.5	36.7

99 100

42 18.9 13.5 20.3

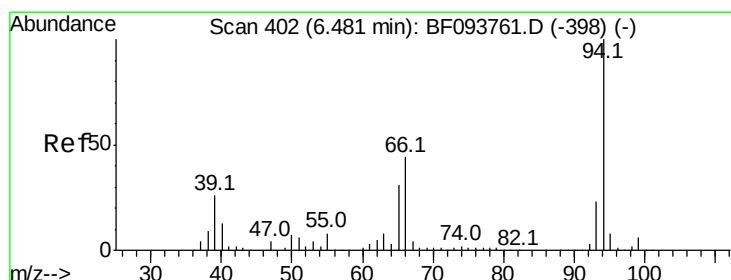
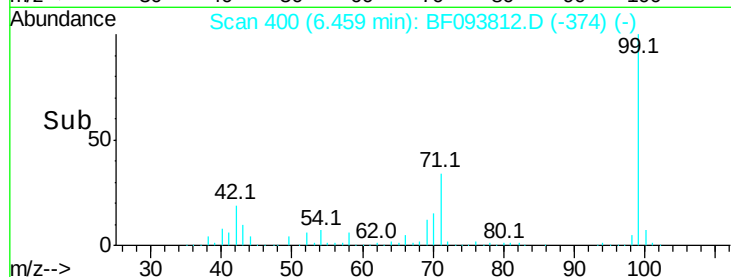
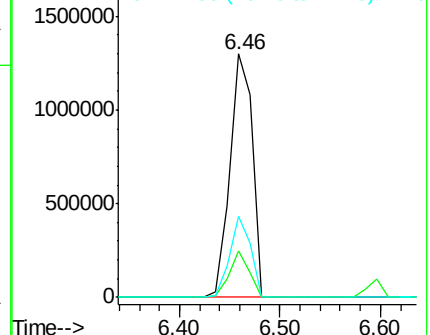
71 33.5 24.5 36.7



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: 6.28 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093812.D

Acq: 21 Mar 2017 21:39

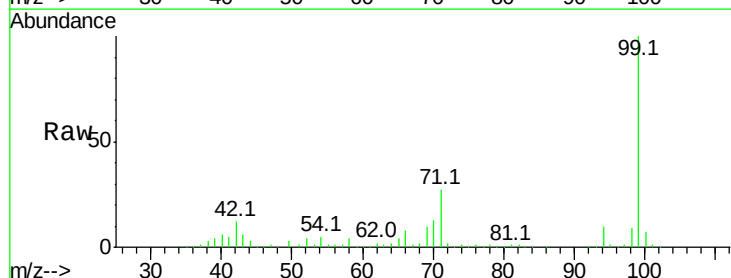
Tgt Ion: 94 Resp: 92344

Ion	Ratio	Lower	Upper
94	100		
65	38.6	9.9	49.9
66	78.4	23.1	63.1

94 100

65 38.6 9.9 49.9

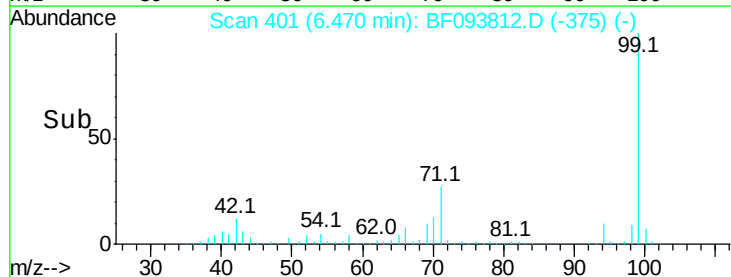
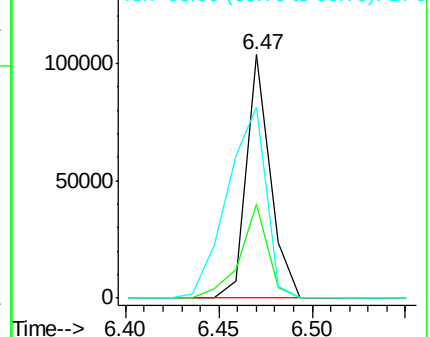
66 78.4 23.1 63.1#

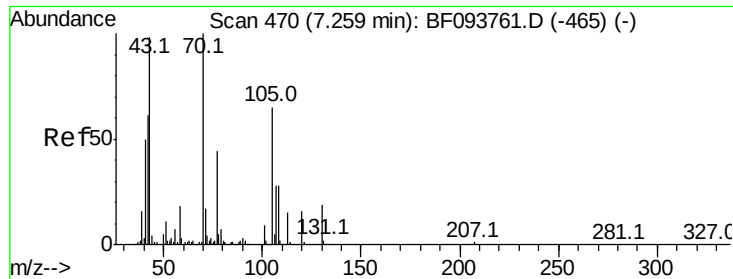


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 17.32 ng

RT: 7.38 min Scan# 481

Delta R.T. 0.14 min

Lab File: BF093812.D

Acq: 21 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

Tot Ion: 70 Resp: 148504

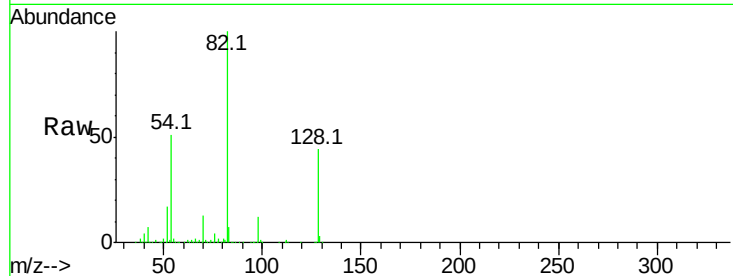
Ion Ratio Lower Upper

70 100

42 50.0 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

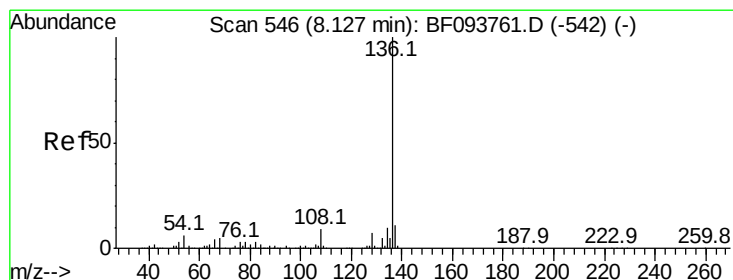
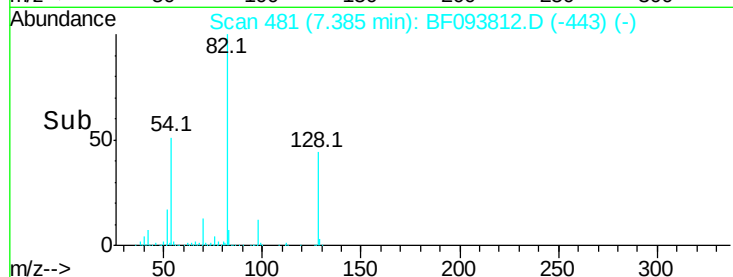
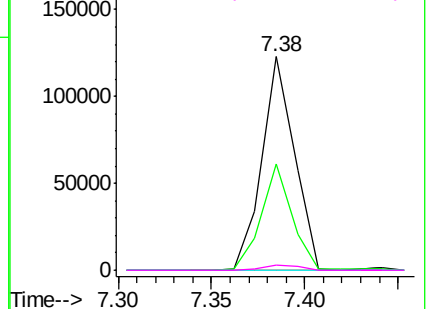


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF093812.D

Acq: 21 Mar 2017 21:39

Tgt Ion:136 Resp: 744337

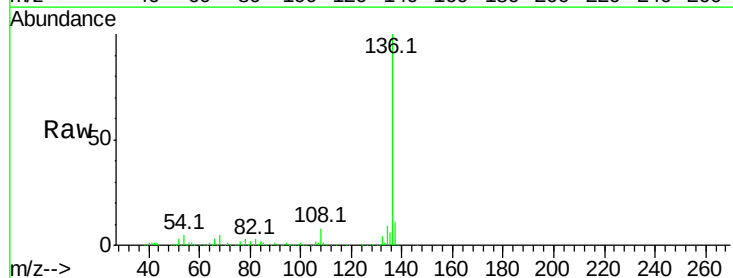
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 5.2 4.9 7.3

68 4.6 4.1 6.1

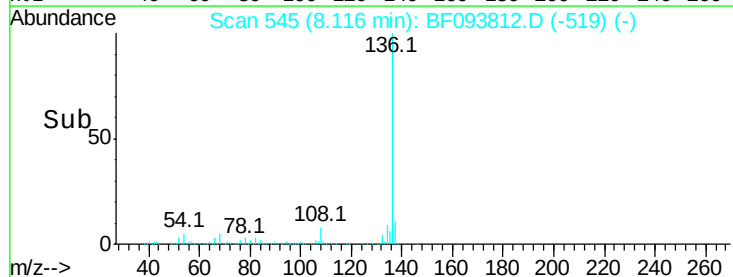
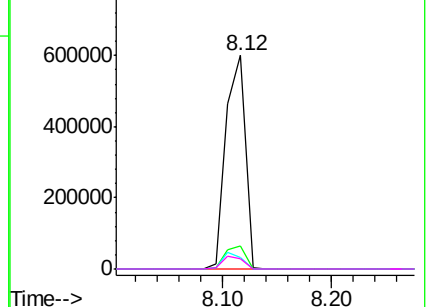


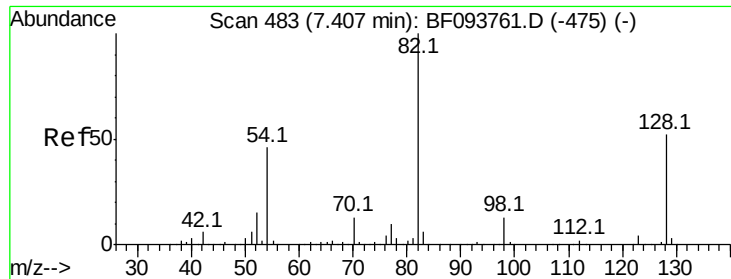
Abundance Ion 136.00 (135.70 to 136.70): BF0

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



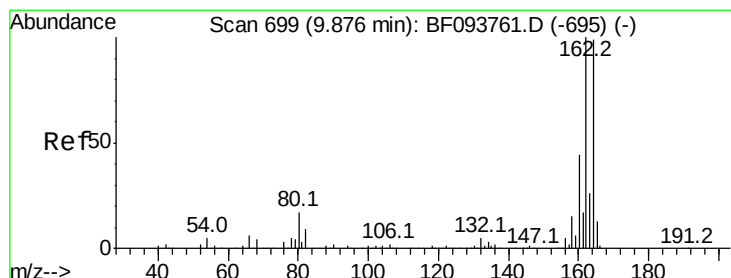
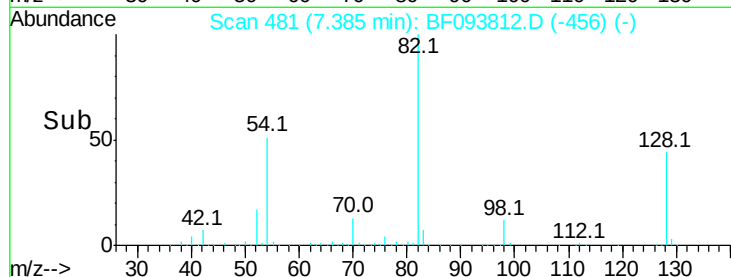
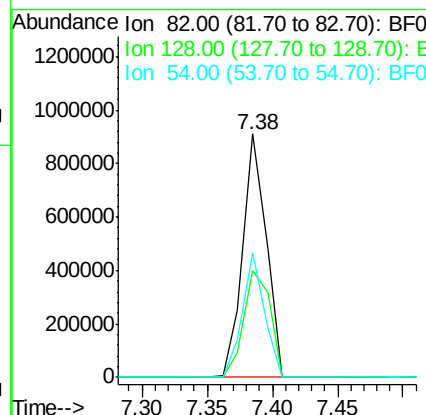
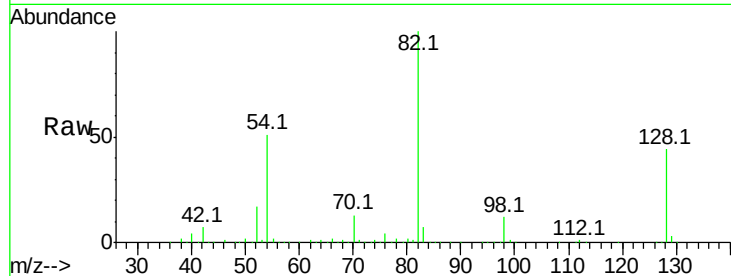


#23
 Nitrobenzene-d5
 Concen: 86.34 ng
 RT: 7.38 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF093812.D
 Acq: 21 Mar 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B3(0-5)

Tot Ion: 82 Resp: 1132913

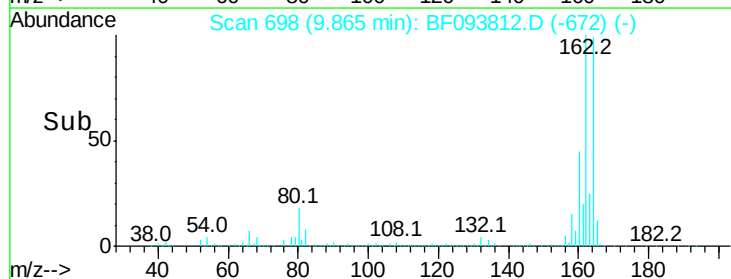
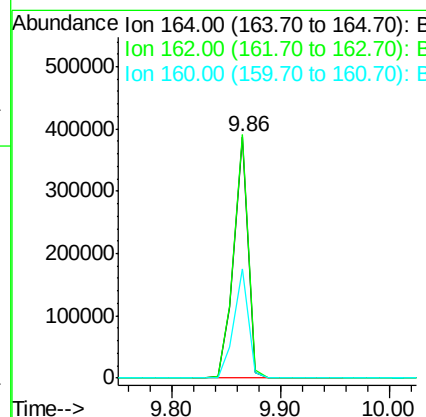
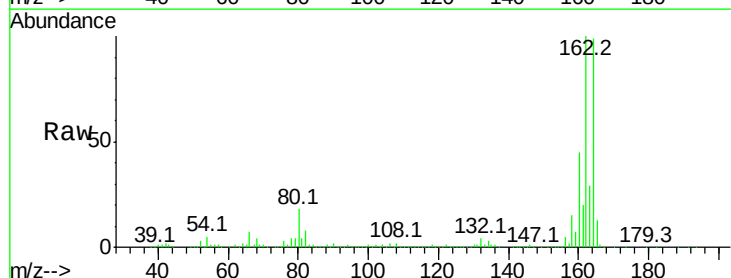
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	51.4	42.2	63.2

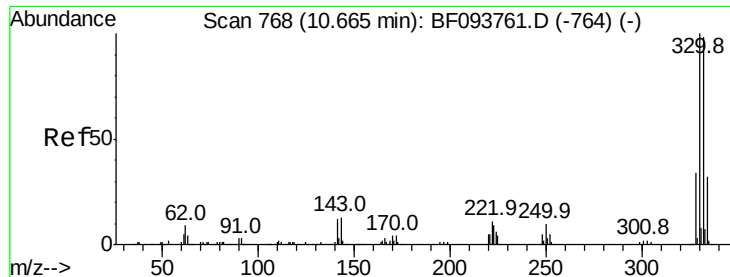


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF093812.D
 Acq: 21 Mar 2017 21:39

Tgt Ion:164 Resp: 354118

Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	45.0	36.2	54.2

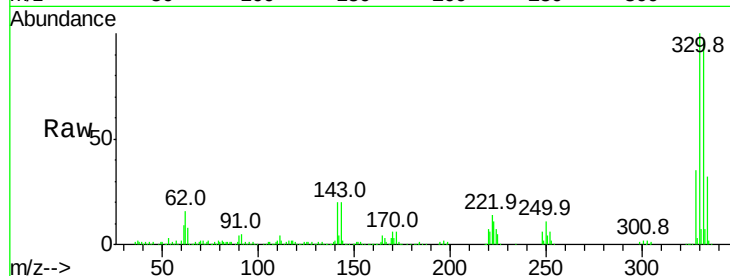




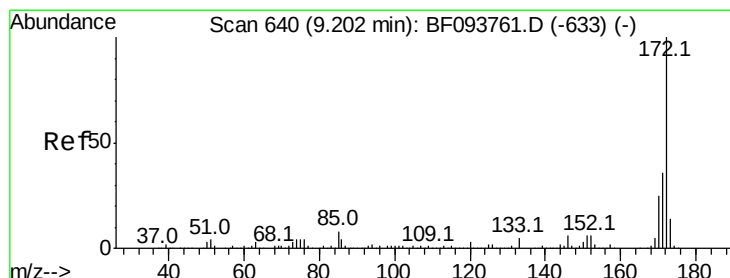
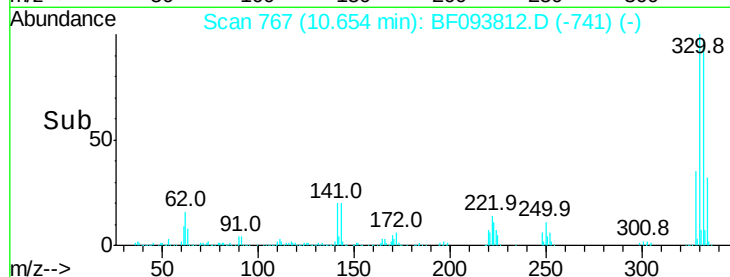
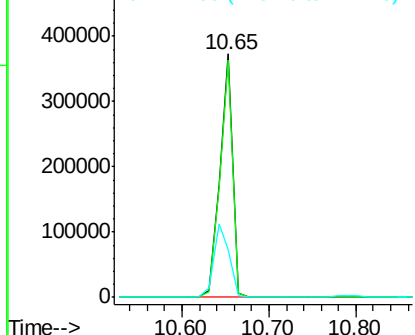
#41
 2,4,6-Tribromophenol
 Concen: 141.83 ng
 RT: 10.65 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF093812.D
 Acq: 21 Mar 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B3(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	36.2	31.4	47.2

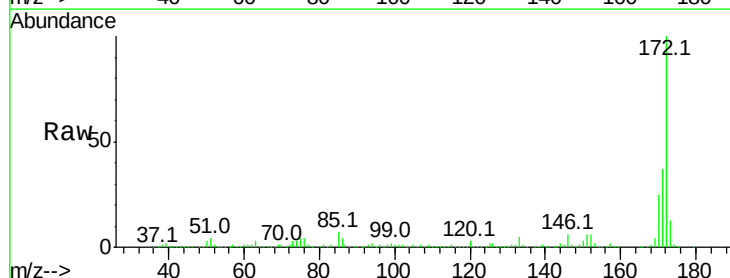


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

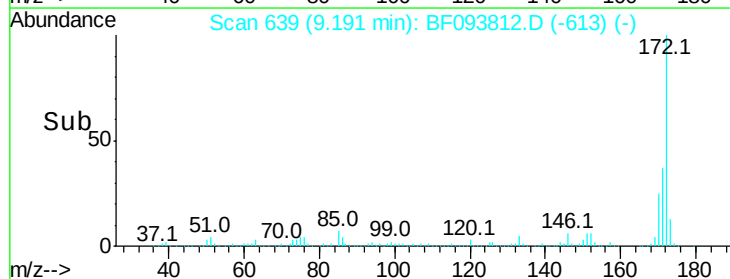
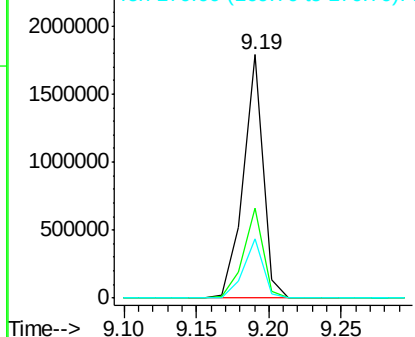


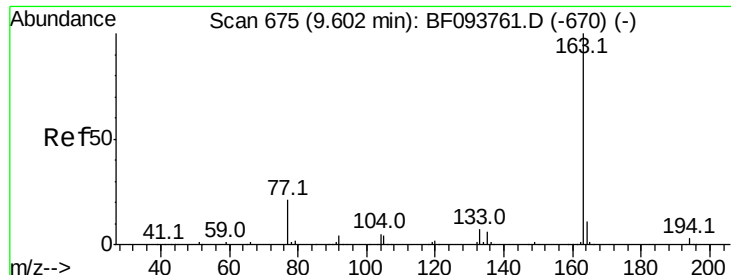
#44
 2-Fluorobiphenyl
 Concen: 80.53 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093812.D
 Acq: 21 Mar 2017 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.5	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: 10.01 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093812.D

Acq: 21 Mar 2017 21:39

Instrument :

BNA_F

ClientSampleId :

SPA-B3(0-5)

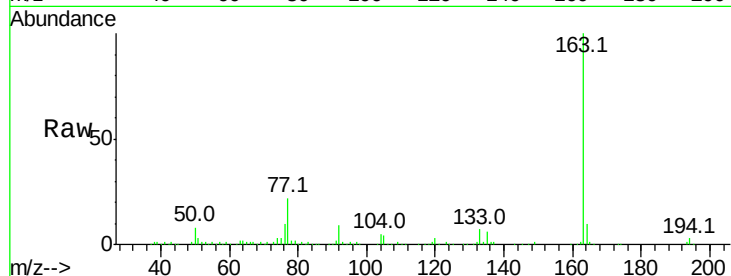
Tot Ion:163 Resp: 252213

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

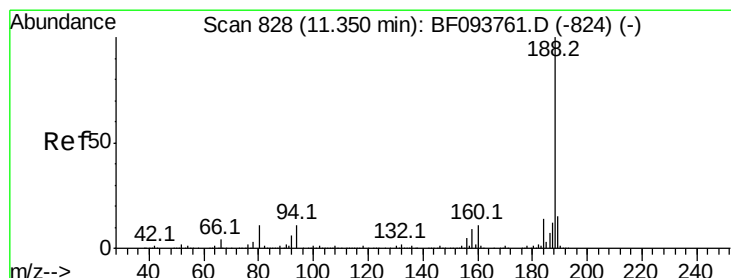
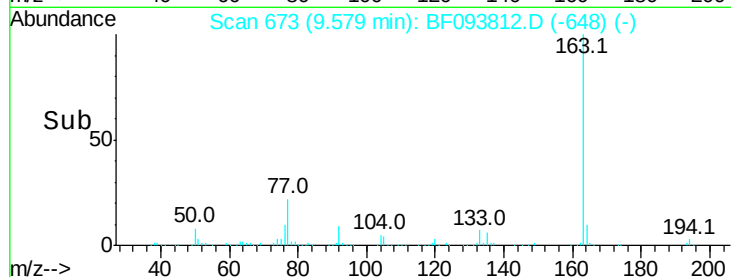
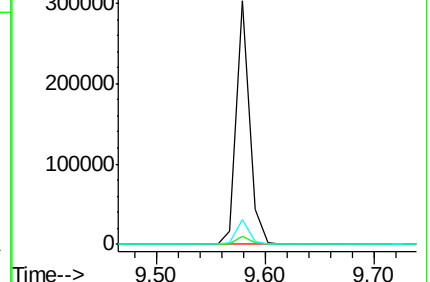
164 10.4 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF093812.D

Acq: 21 Mar 2017 21:39

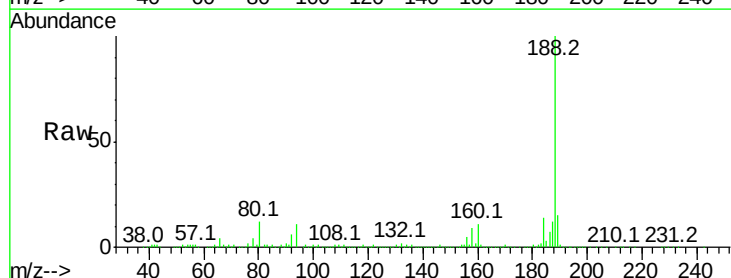
Tgt Ion:188 Resp: 554057

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

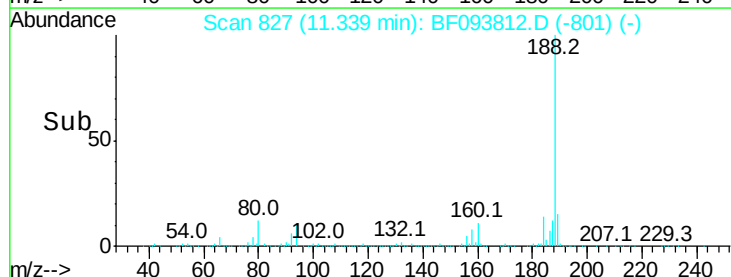
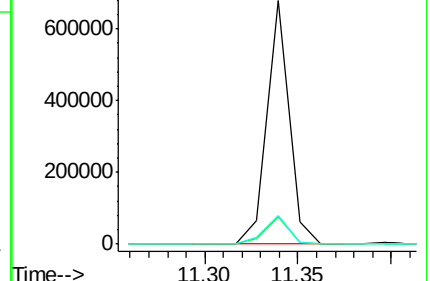
80 12.0 10.2 15.2

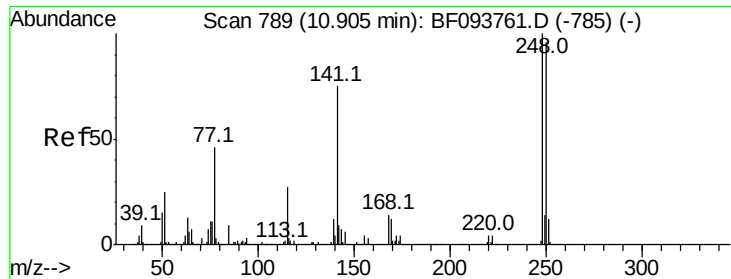


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

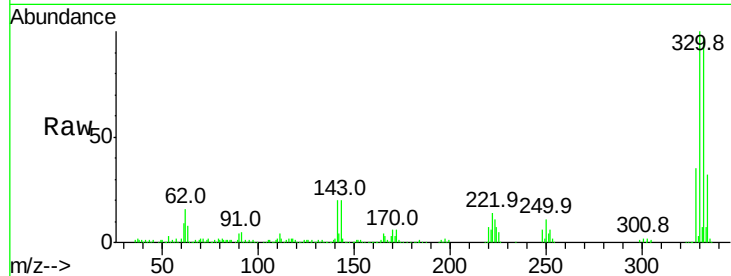




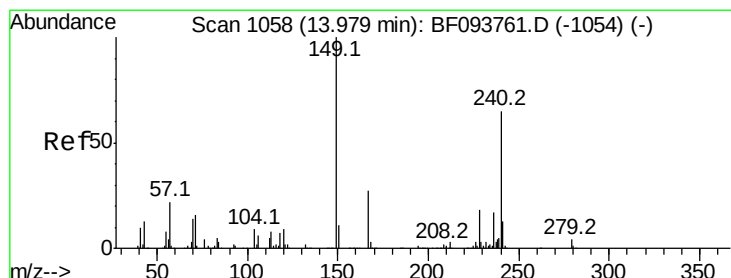
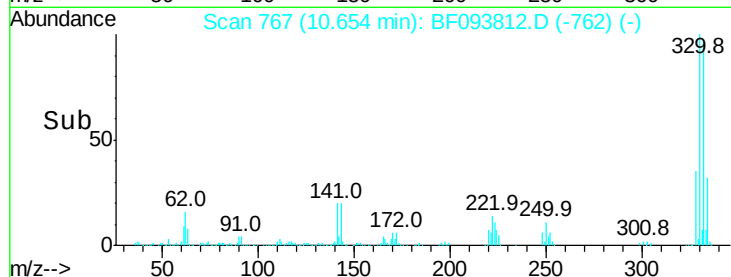
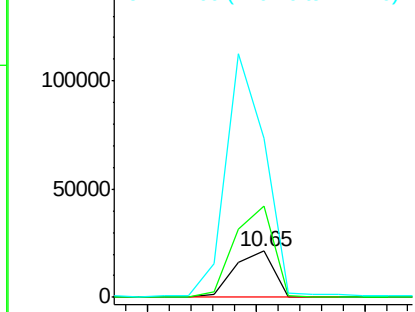
#66
4-Bromophenyl-phenylether
Concen: 5.01 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.24 min
Lab File: BF093812.D
Acq: 21 Mar 2017 21:39

Instrument :
BNA_F
ClientSampleId :
SPA-B3(0-5)

Tot Ion:248 Resp: 26734
Ion Ratio Lower Upper
248 100
250 195.8 76.8 115.2#
141 343.0 68.6 103.0#

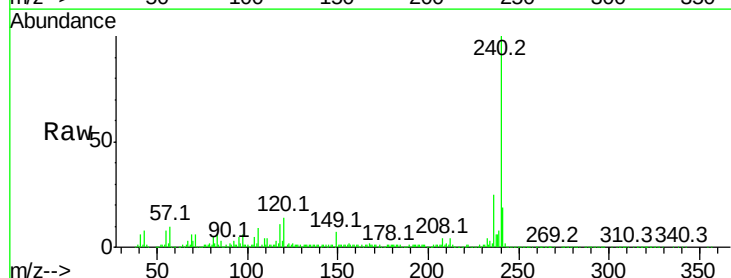


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

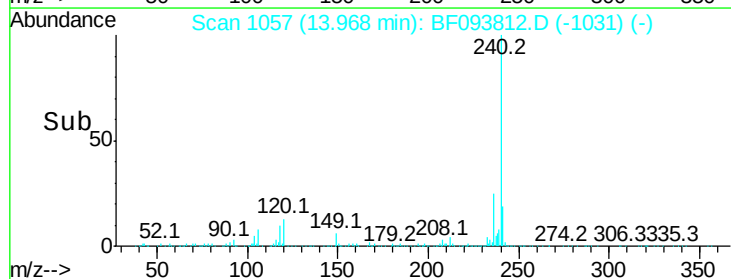
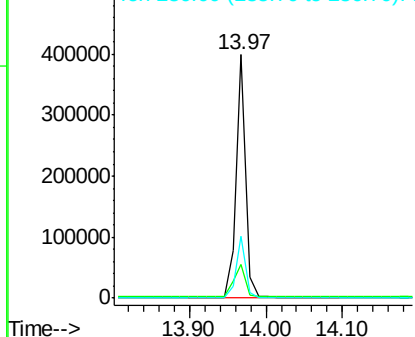


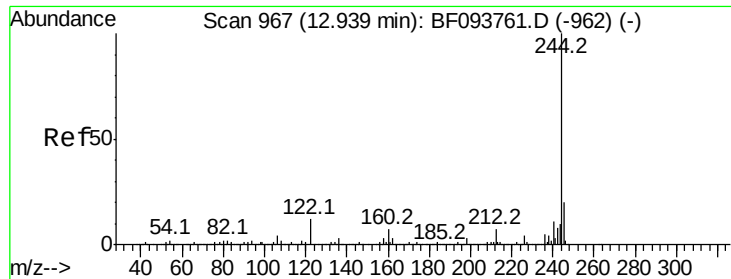
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093812.D
Acq: 21 Mar 2017 21:39

Tgt Ion:240 Resp: 355674
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 25.2 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

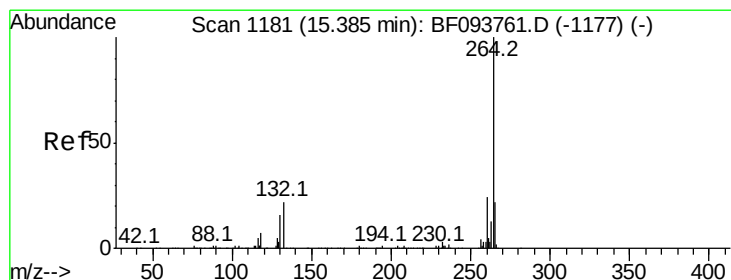
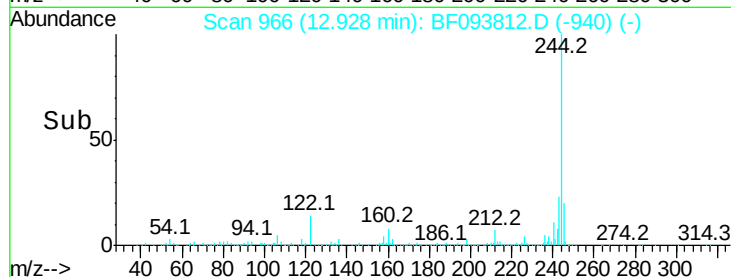
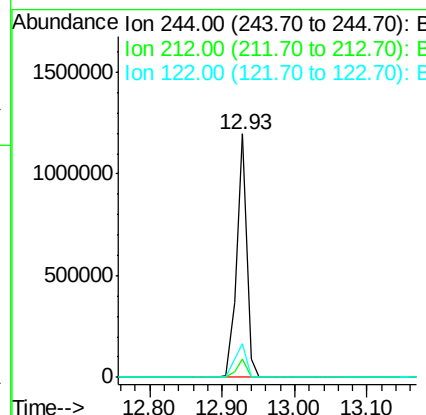
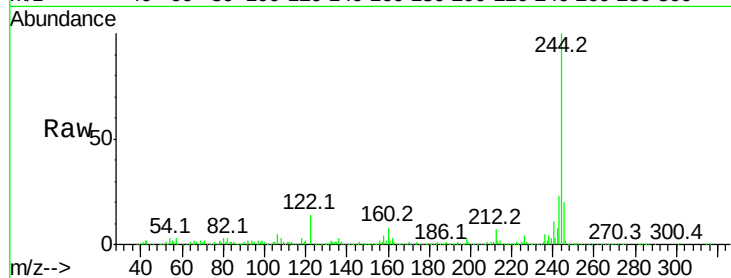




#78
 Terphenyl-d14
 Concen: 65.68 ng
 RT: 12.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF093812.D
 Acq: 21 Mar 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B3(0-5)

Tot Ion:244 Resp: 1145844
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF093812.D
 Acq: 21 Mar 2017 21:39

Tgt Ion:264 Resp: 329240
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.8 17.2 25.8

