

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093813.D
 Acq On : 21 Mar 2017 22:07
 Operator : SJ/MA
 Sample : I2304-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B4(0-5)

Quant Time: Mar 22 00:56:27 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

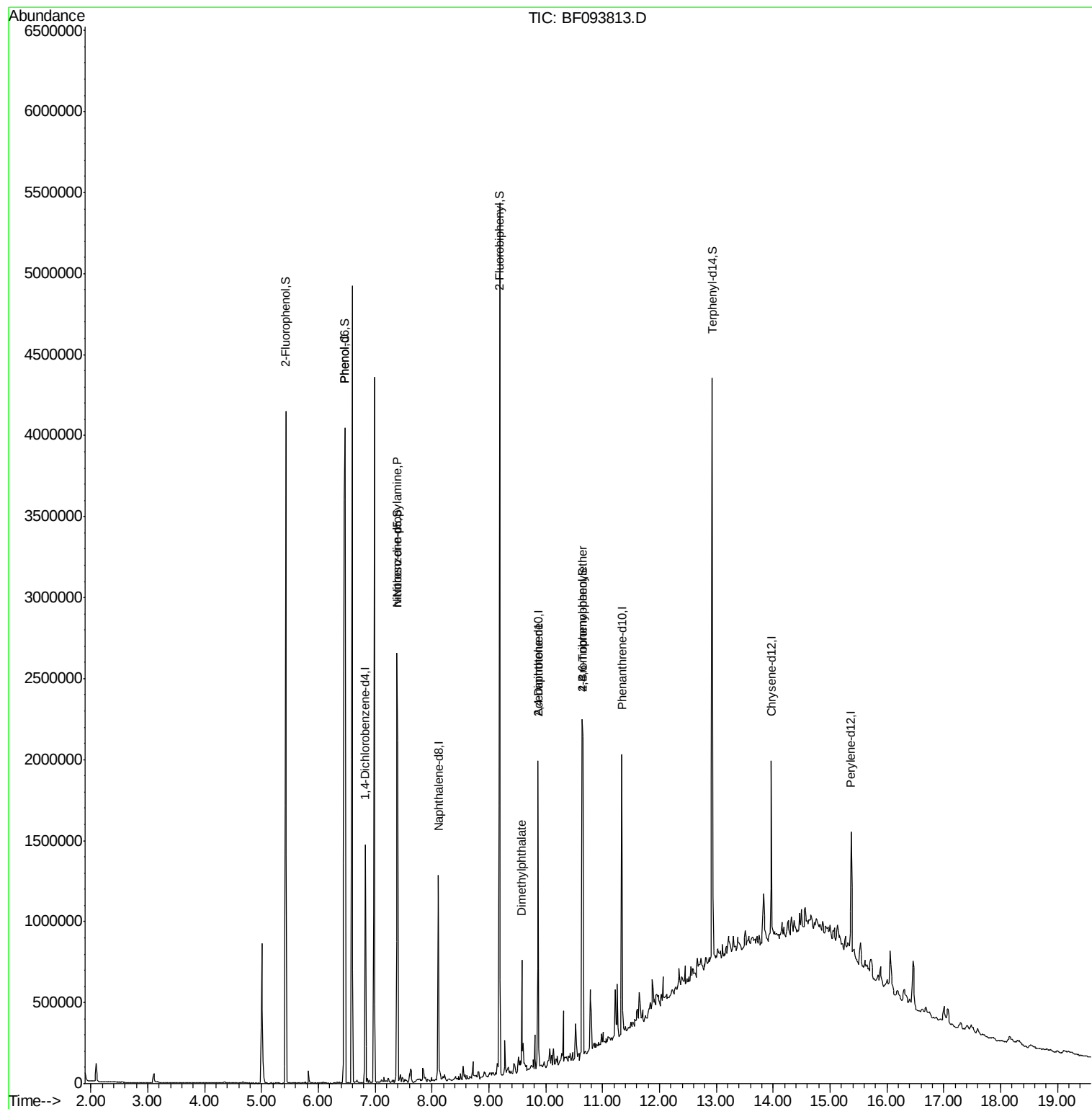
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	205321	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	822216	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	384760	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	593654	20.00	ng	0.00
75) Chrysene-d12	13.97	240	385198	20.00	ng	0.00
86) Perylene-d12	15.37	264	359569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1553568	132.32	ng	0.01
7) Phenol-d6	6.47	99	2272638	156.65	ng	0.01
23) Nitrobenzene-d5	7.38	82	1328565	91.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	397808	133.49	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1799831	78.66	ng	0.00
78) Terphenyl-d14	12.93	244	1165797	61.71	ng	0.00
Target Compounds						
10) Phenol	6.47	94	82952	5.09	ng	# 1
19) n-Nitroso-di-n-propylamine	7.38	70	176274	18.54	ng	# 79
49) Dimethylphthalate	9.58	163	237912	8.69	ng	99
56) 2,4-Dinitrotoluene	9.86	165	53254	6.98	ng	# 33
66) 4-Bromophenyl-phenylether	10.65	248	26348	4.61	ng	# 1

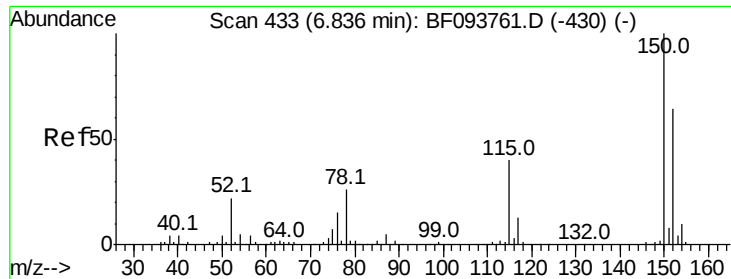
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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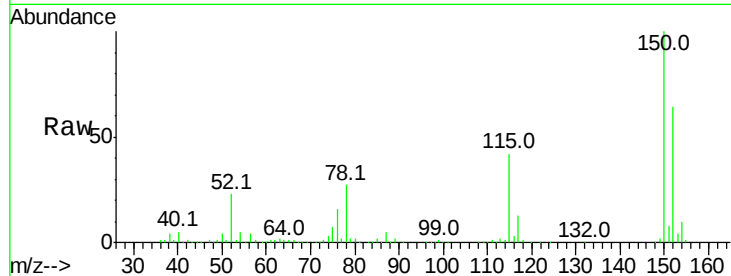


#1

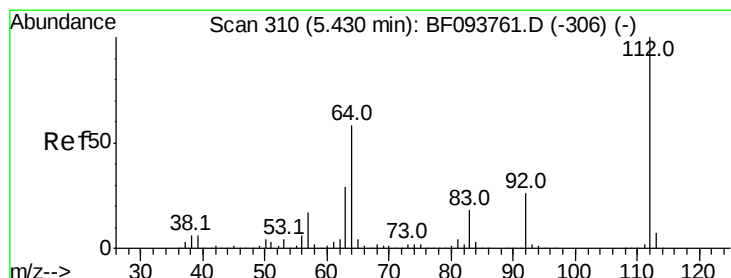
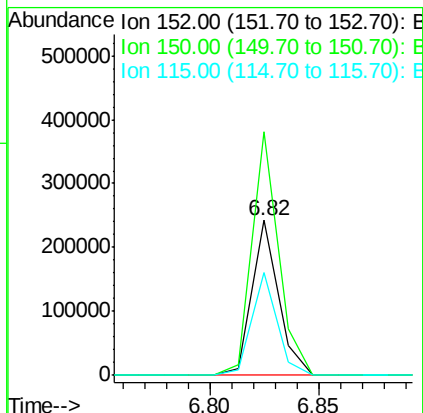
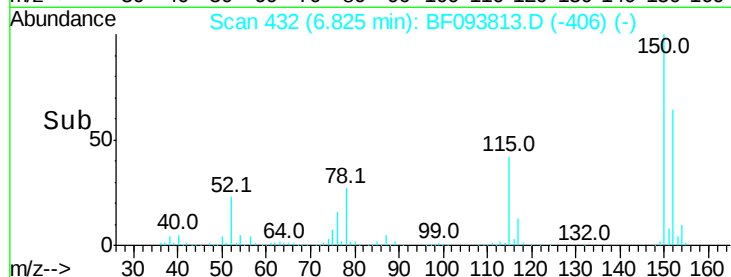
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093813.D
Acq: 21 Mar 2017 22:07

Instrument :
BNA_F
ClientSampleId :
SPA-B4(0-5)

Tot Ion:152 Resp: 205321
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 65.9 52.2 78.2



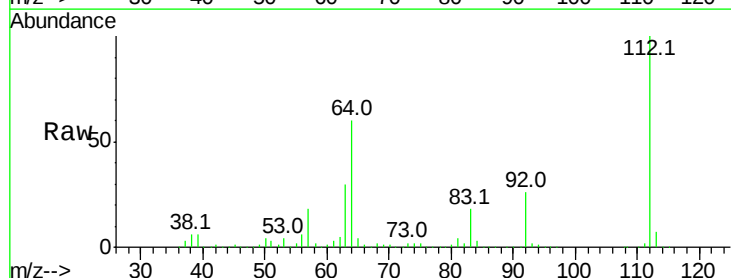
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



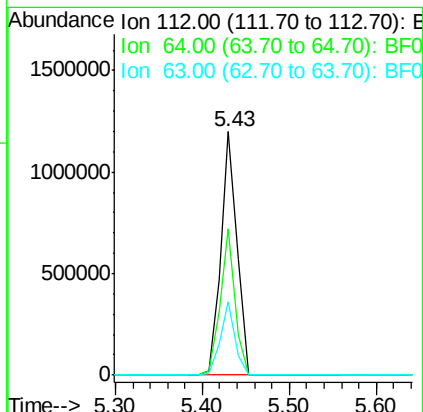
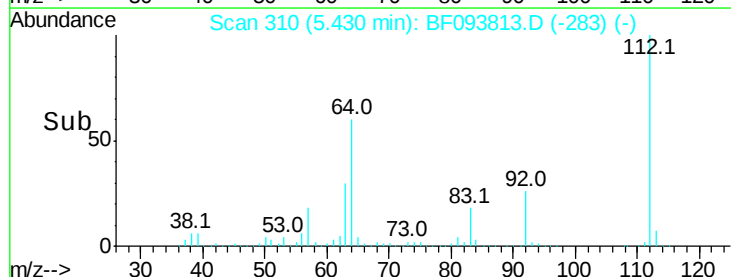
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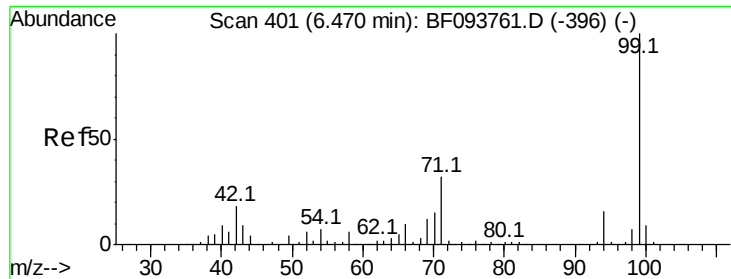
2-Fluorophenol
Concen: 132.32 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093813.D
Acq: 21 Mar 2017 22:07

Tgt Ion:112 Resp: 1553568
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 30.2 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: 156.65 ng

RT: 6.47 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF093813.D

Acq: 21 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

SPA-B4(0-5)

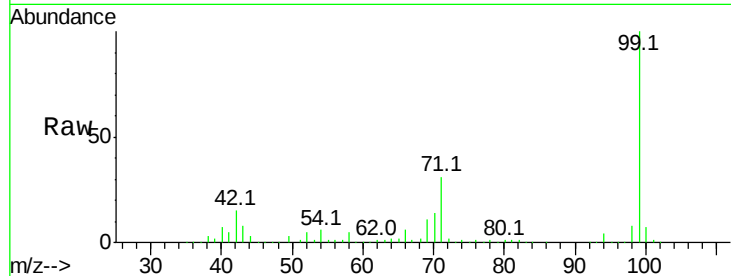
Tot Ion: 99 Resp: 2272638

Ion Ratio Lower Upper

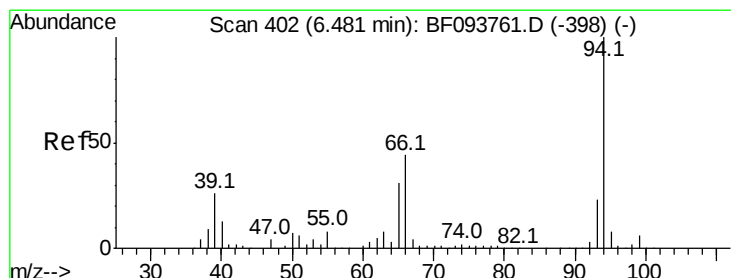
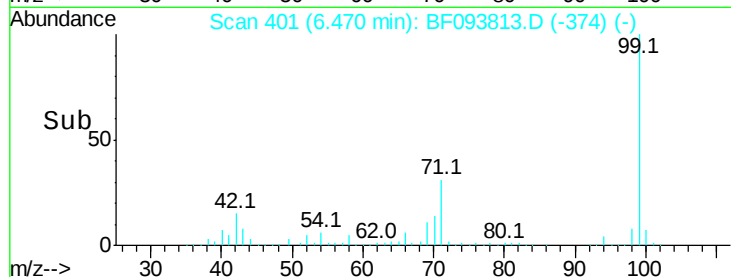
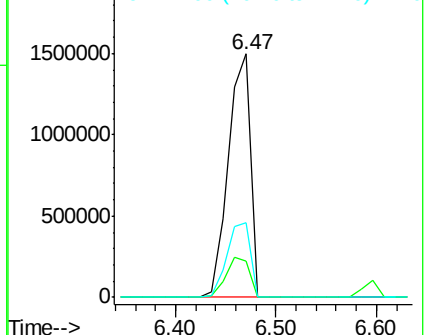
99 100

42 14.7 13.5 20.3

71 30.8 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: 5.09 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093813.D

Acq: 21 Mar 2017 22:07

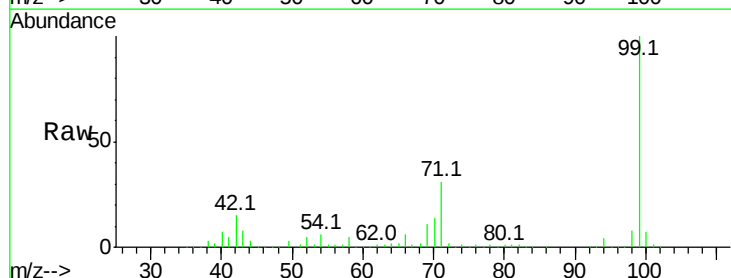
Tgt Ion: 94 Resp: 82952

Ion Ratio Lower Upper

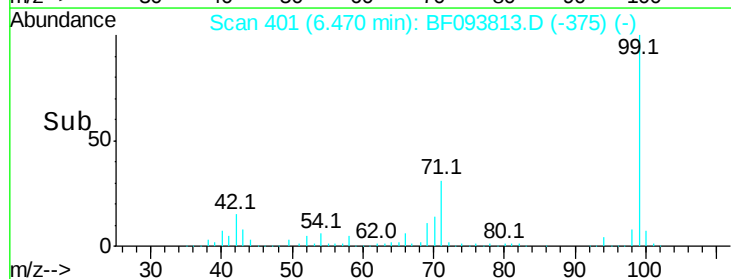
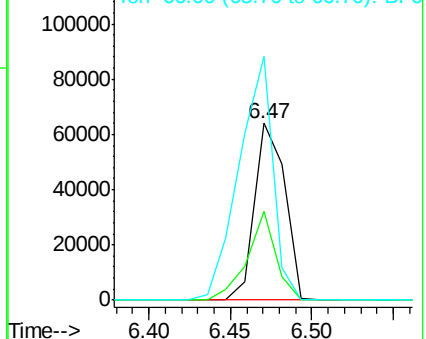
94 100

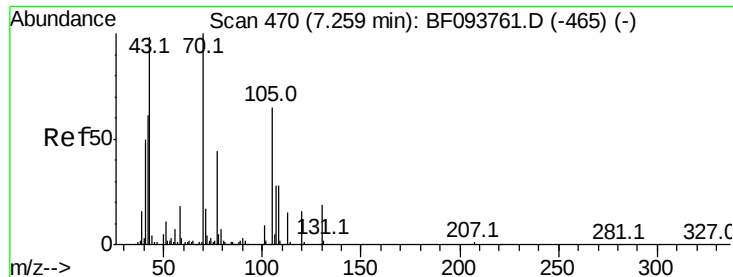
65 50.3 9.9 49.9#

66 137.8 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

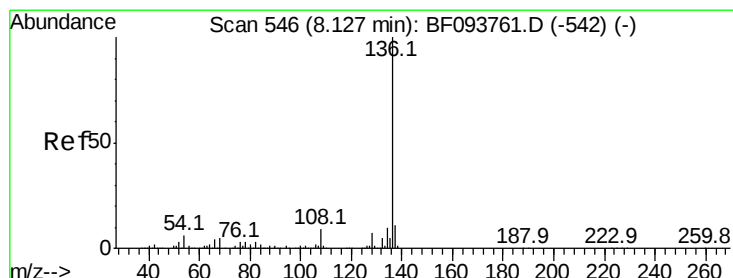
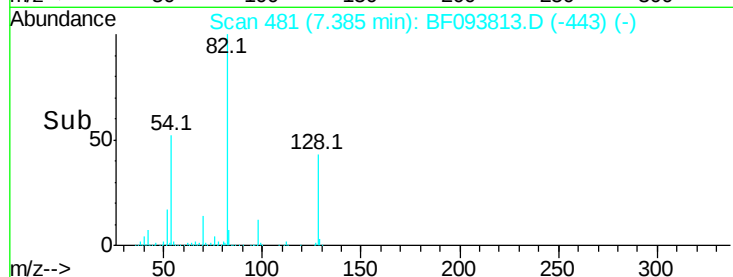
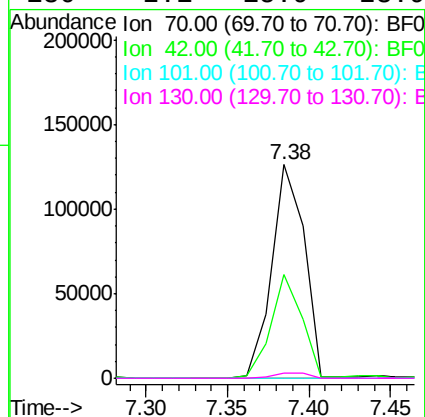
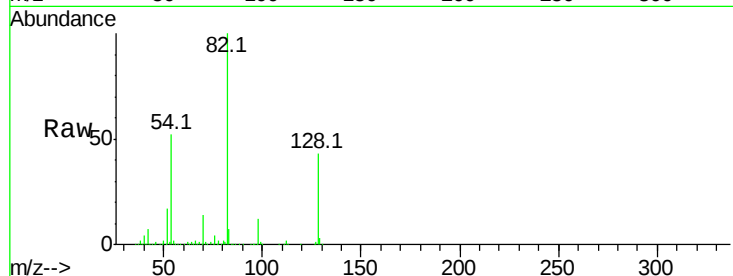




#19
n-Nitroso-di-n-propylamine
Concen: 18.54 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093813.D
Acq: 21 Mar 2017 22:07

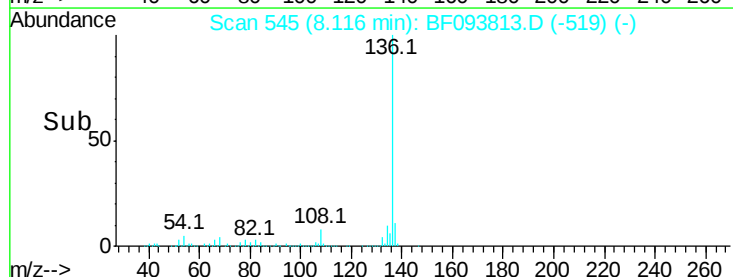
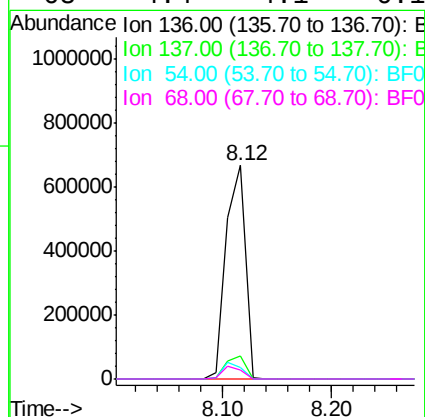
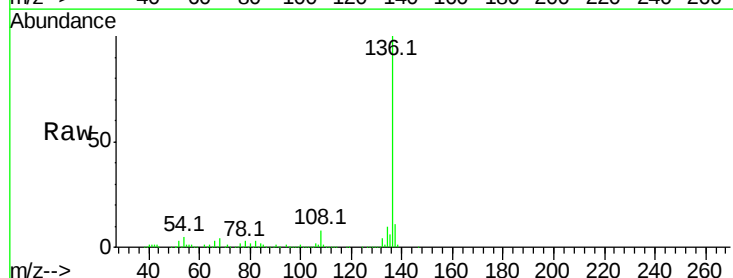
Instrument :
BNA_F
ClientSampleId :
SPA-B4(0-5)

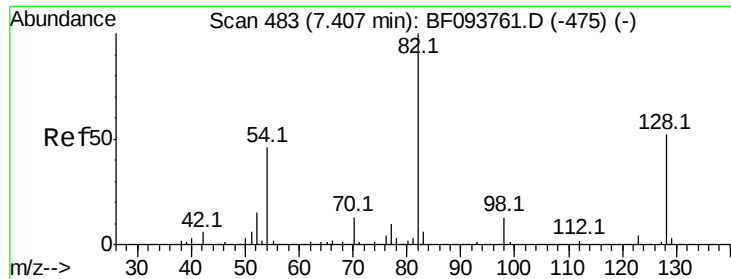
Tot Ion: 70 Resp: 176274
Ion Ratio Lower Upper
70 100
42 48.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093813.D
Acq: 21 Mar 2017 22:07

Tgt Ion: 136 Resp: 822216
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 5.4 4.9 7.3
68 4.4 4.1 6.1

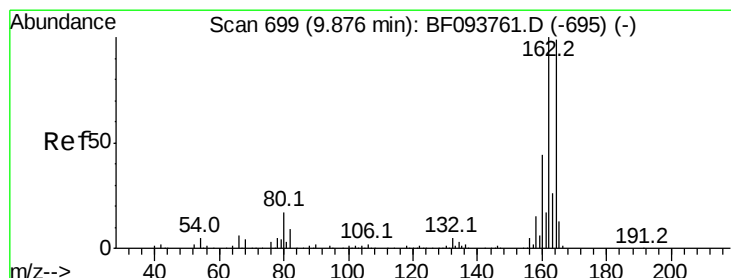
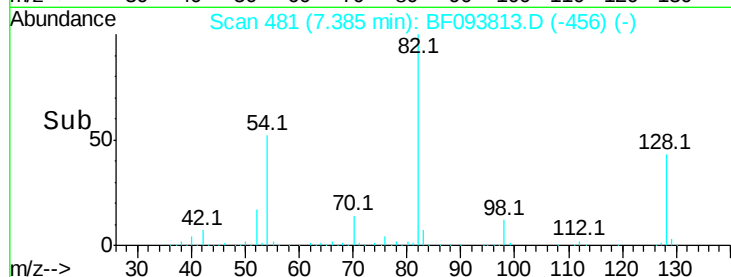
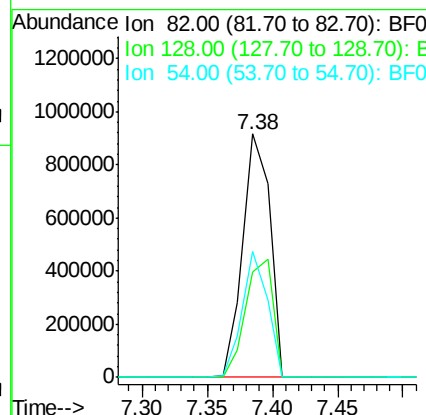
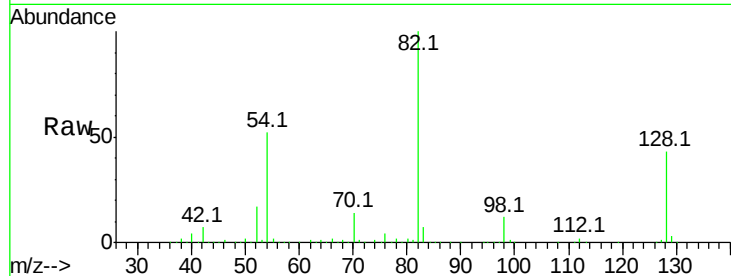




#23
 Nitrobenzene-d5
 Concen: 91.66 ng
 RT: 7.38 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF093813.D
 Acq: 21 Mar 2017 22:07

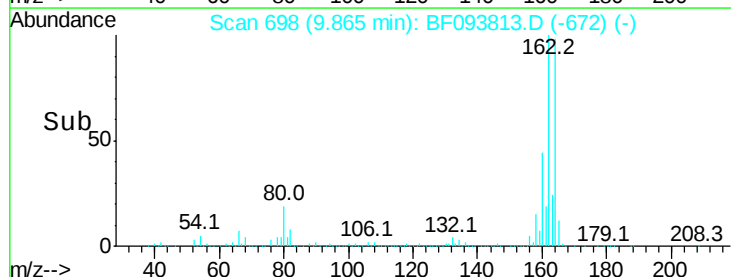
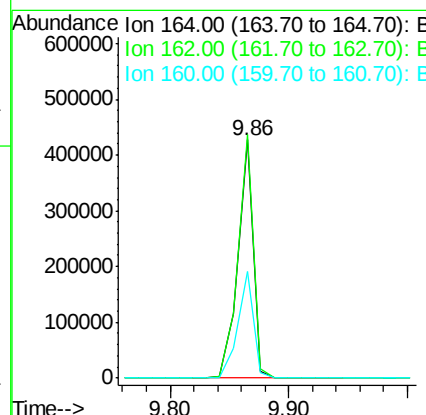
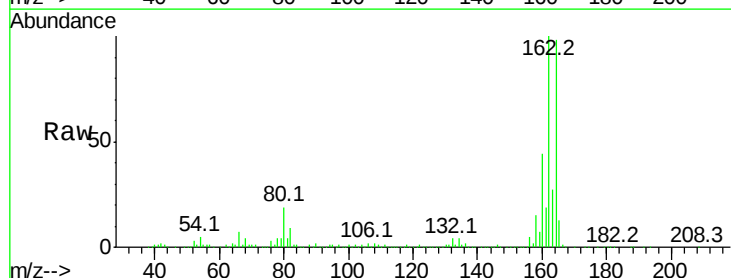
Instrument :
 BNA_F
 ClientSampleId :
 SPA-B4(0-5)

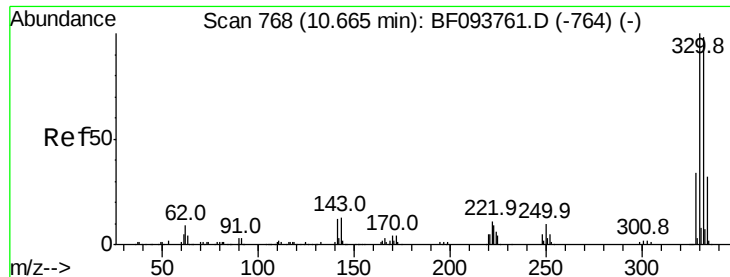
Tot Ion: 82 Resp: 1328565
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.0 51.0
 54 51.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093813.D
 Acq: 21 Mar 2017 22:07

Tgt Ion:164 Resp: 384760
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 45.0 36.2 54.2

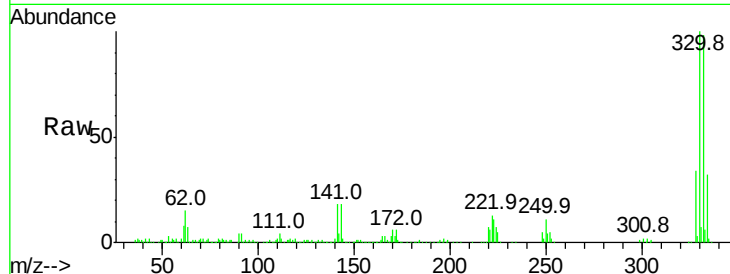




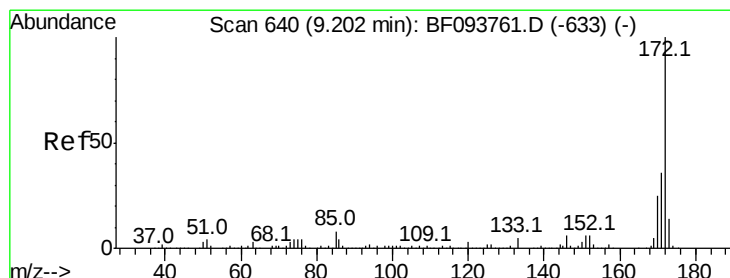
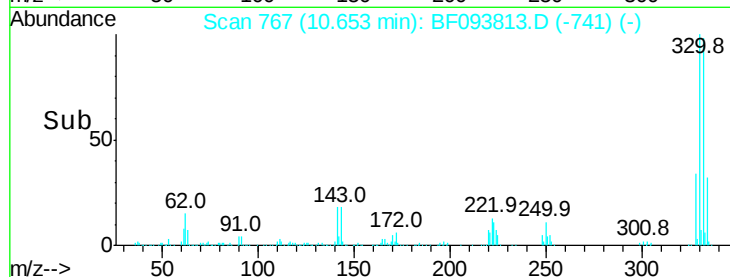
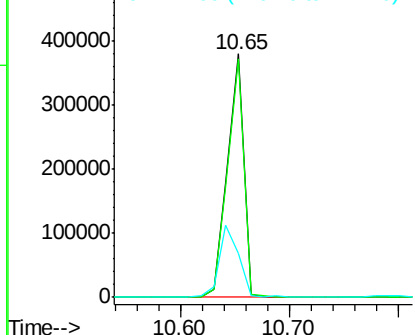
#41
 2,4,6-Tribromophenol
 Concen: 133.49 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093813.D
 Acq: 21 Mar 2017 22:07

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B4(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	35.2	31.4	47.2

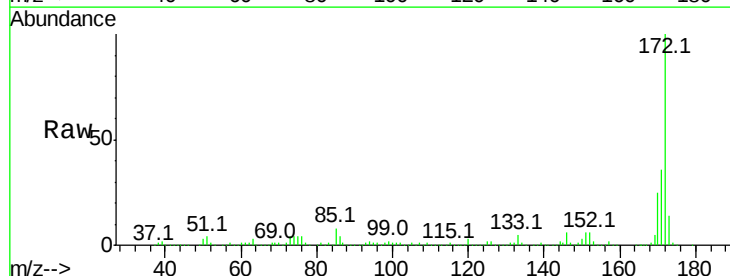


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

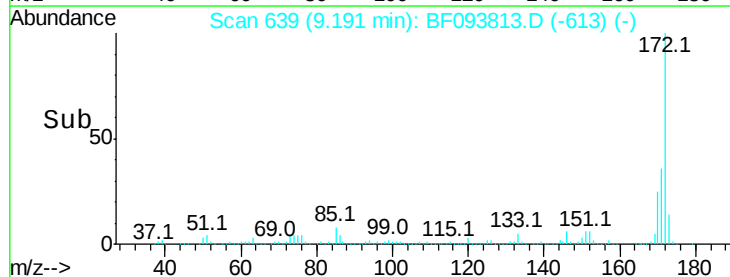
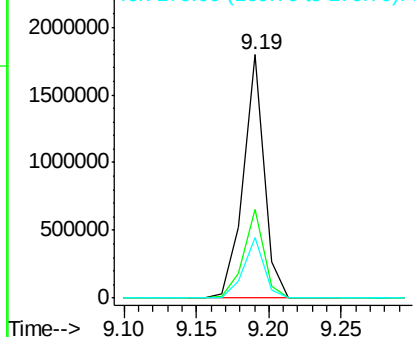


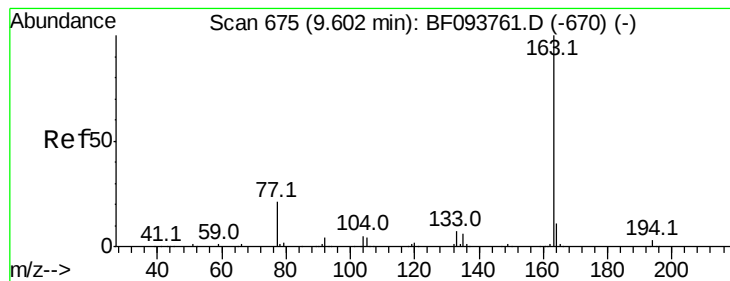
#44
 2-Fluorobiphenyl
 Concen: 78.66 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093813.D
 Acq: 21 Mar 2017 22:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.6	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: 8.69 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF093813.D

Acq: 21 Mar 2017 22:07

Instrument :

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ClientSampleId :

SPA-B4(0-5)

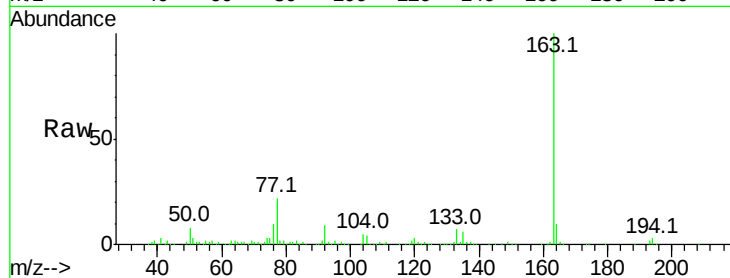
Tot Ion:163 Resp: 237912

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

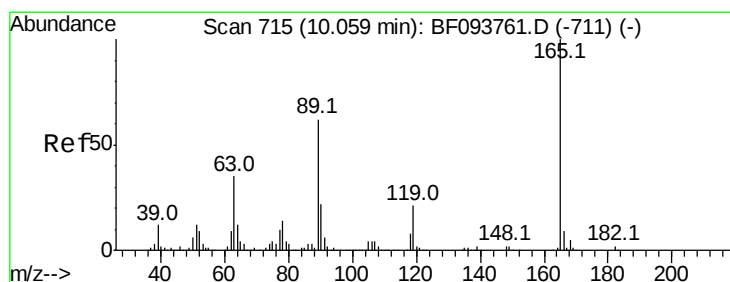
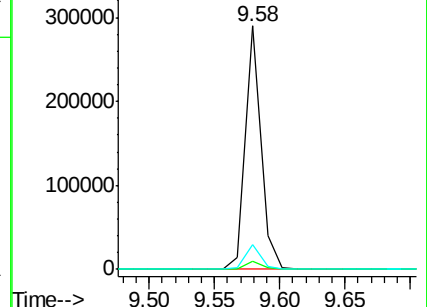
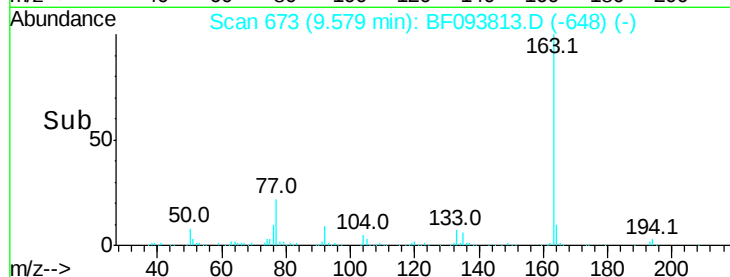
164 10.2 8.4 12.6



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: 6.98 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.18 min

Lab File: BF093813.D

Acq: 21 Mar 2017 22:07

Tgt Ion:165 Resp: 53254

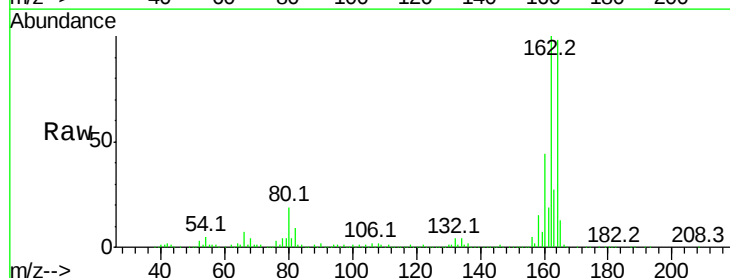
Ion Ratio Lower Upper

165 100

63 1.6 25.4 38.0#

89 1.7 46.4 69.6#

182 1.3 1.8 2.6#

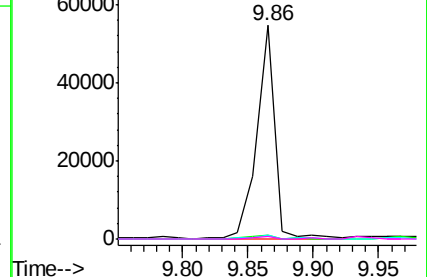
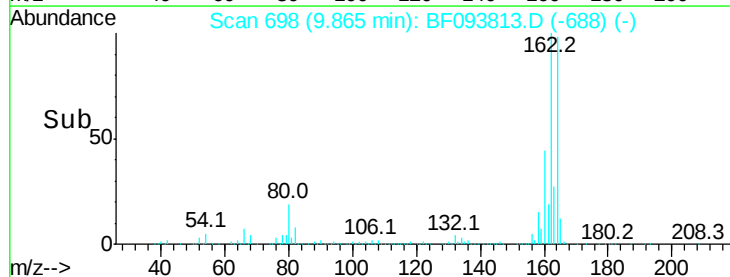


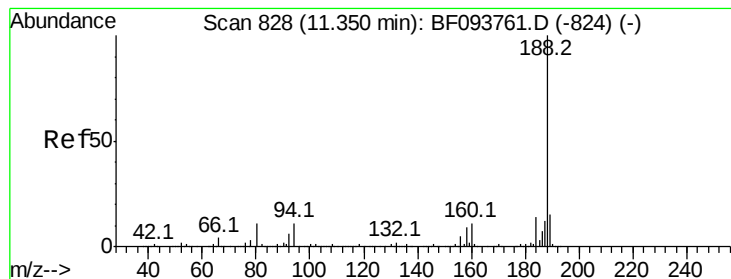
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093813.D

Acq: 21 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

SPA-B4(0-5)

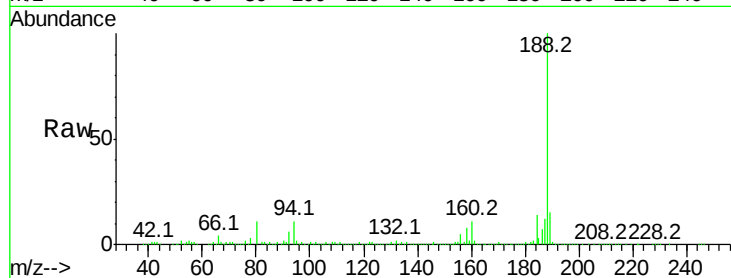
Tot Ion:188 Resp: 593654

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

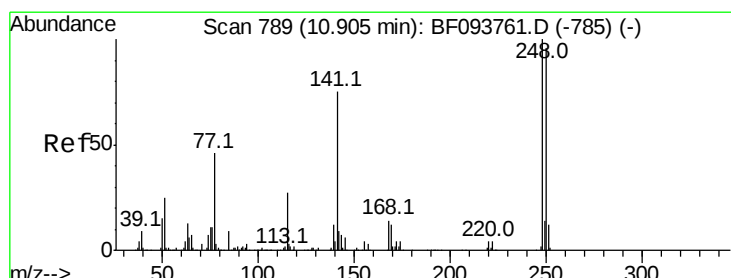
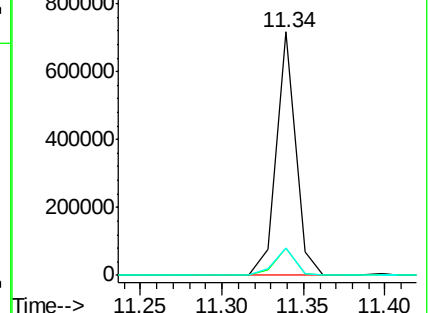
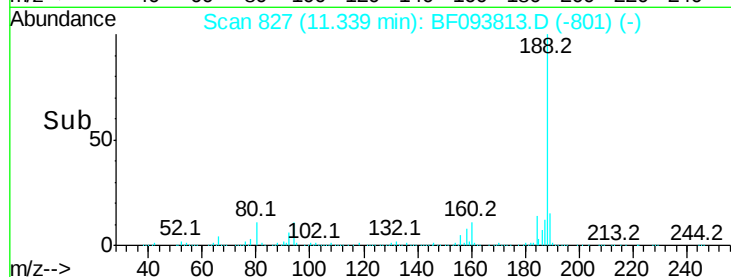
80 11.4 10.2 15.2



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



#66

4-Bromophenyl-phenylether

Concen: 4.61 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.24 min

Lab File: BF093813.D

Acq: 21 Mar 2017 22:07

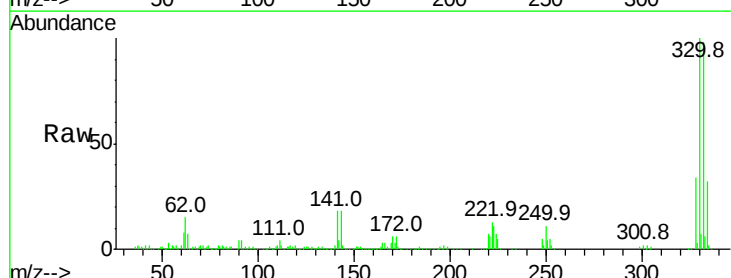
Tgt Ion:248 Resp: 26348

Ion Ratio Lower Upper

248 100

250 205.2 76.8 115.2#

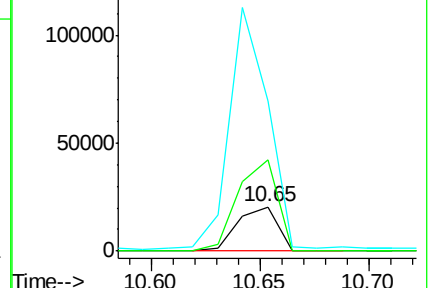
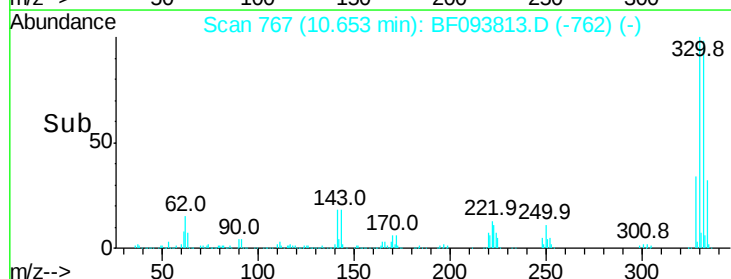
141 337.8 68.6 103.0#

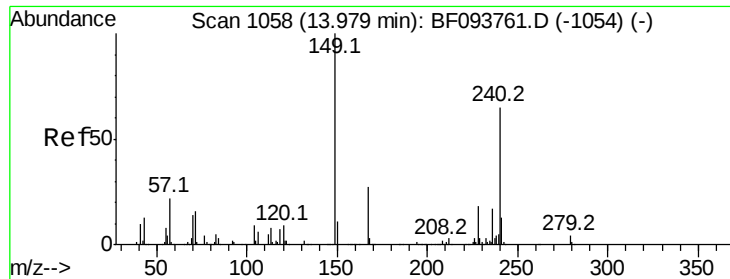


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF093813.D

Acq: 21 Mar 2017 22:07

Instrument :

BNA_F

ClientSampleId :

SPA-B4(0-5)

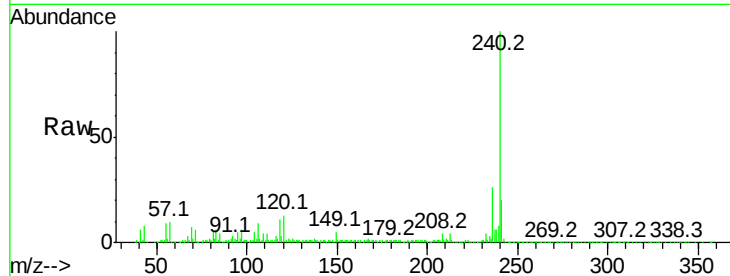
Tot Ion:240 Resp: 385198

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

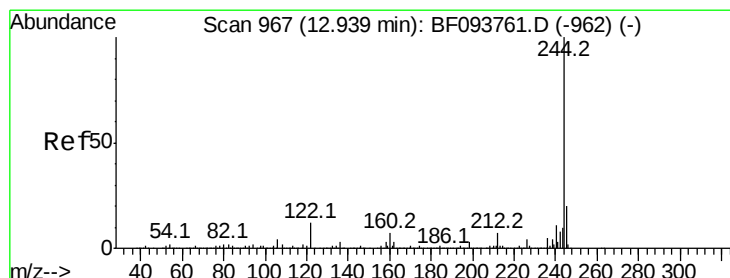
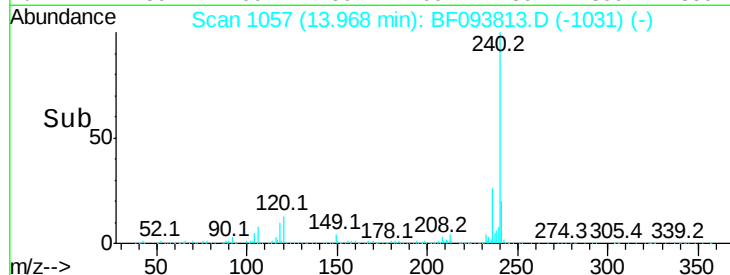
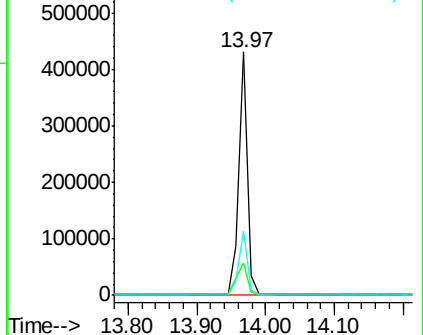
236 26.3 20.5 30.7



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: 61.71 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093813.D

Acq: 21 Mar 2017 22:07

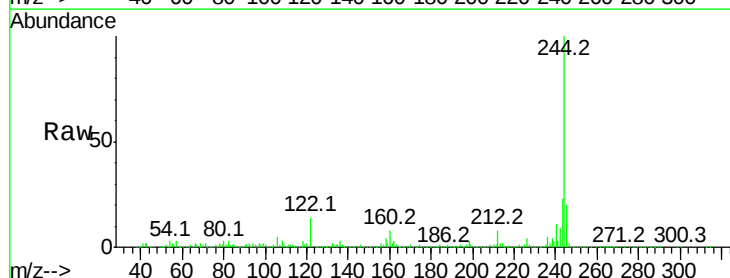
Tgt Ion:244 Resp: 1165797

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

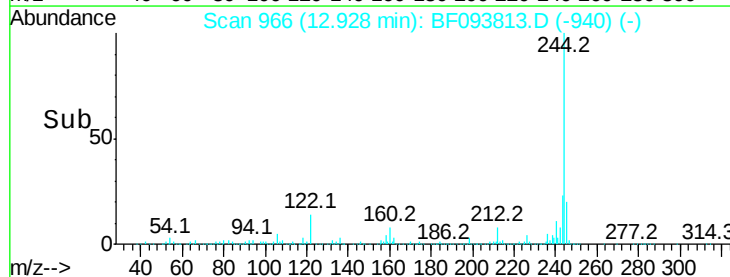
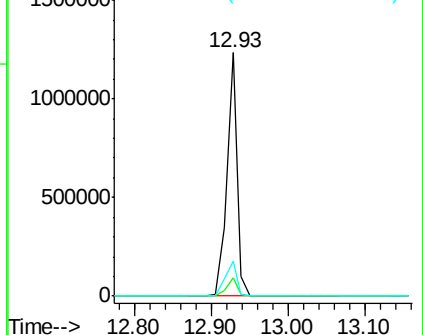
122 14.2 10.3 15.5

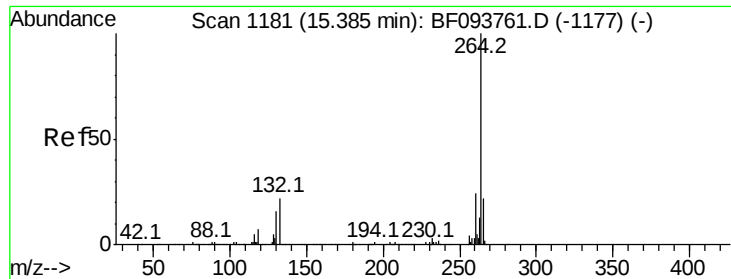


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

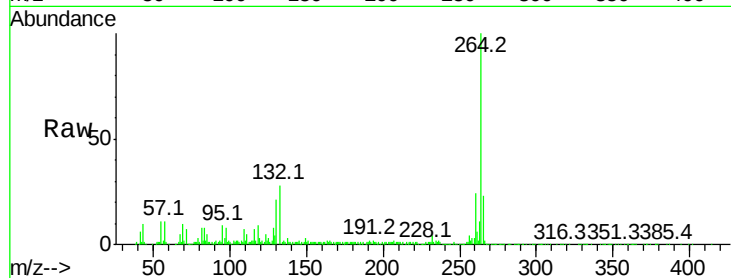




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093813.D
Acq: 21 Mar 2017 22:07

Instrument :
BNA_F
ClientSampleId :
SPA-B4(0-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.8	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

