

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032117\
 Data File : BF093803.D
 Acq On : 21 Mar 2017 17:32
 Operator : SJ/MA
 Sample : I2314-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

Quant Time: Mar 22 00:54:17 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

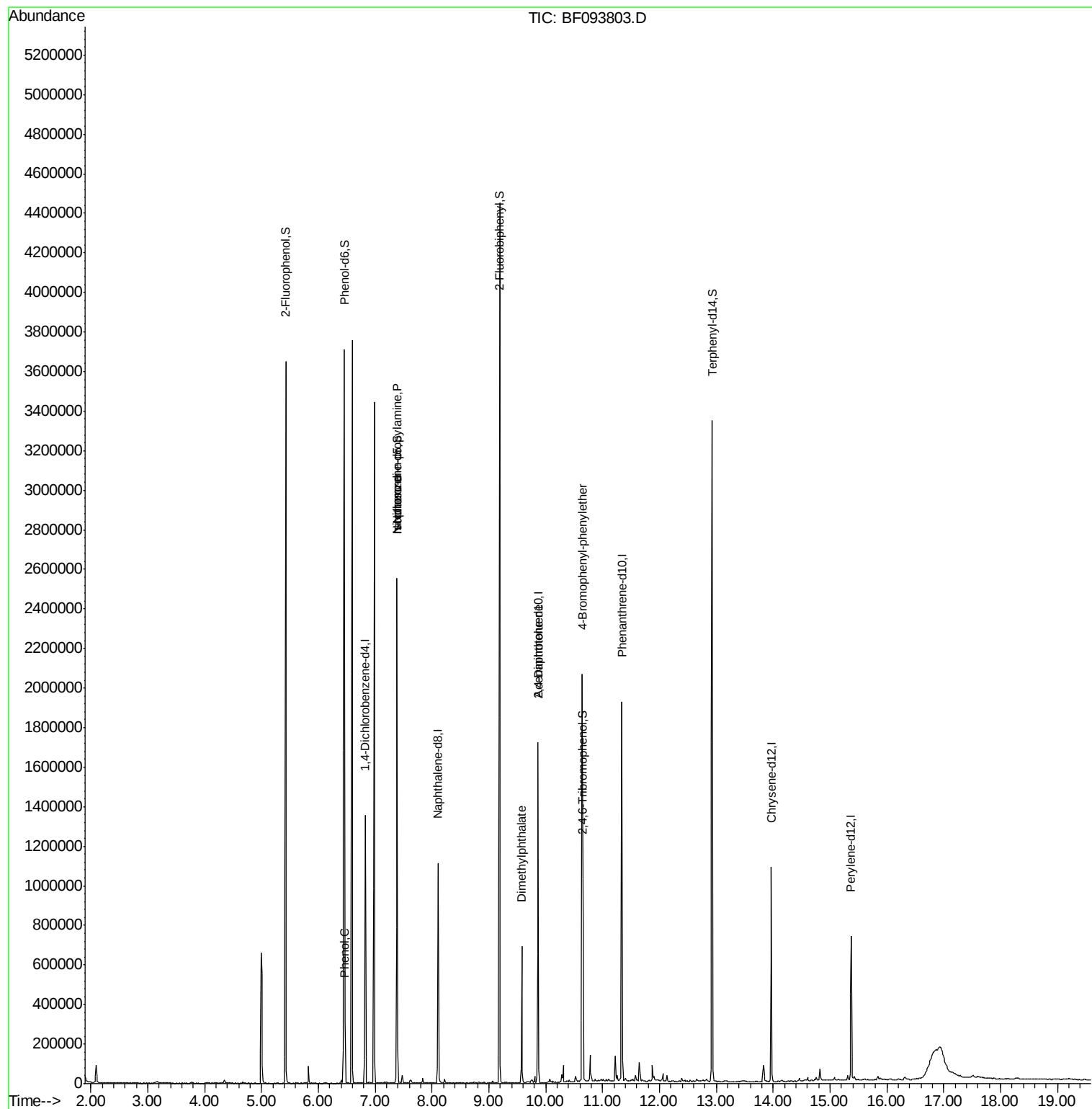
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	186368	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	753642	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	367932	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	634616	20.00	ng	0.00
75) Chrysene-d12	13.97	240	425516	20.00	ng	0.00
86) Perylene-d12	15.37	264	319591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1129403	105.97	ng	0.01
7) Phenol-d6	6.46	99	1390395	105.58	ng	0.00
23) Nitrobenzene-d5	7.38	82	836808	62.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	292130	102.51	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1528153	69.84	ng	0.00
78) Terphenyl-d14	12.93	244	1132263	54.25	ng	0.00
Target Compounds						
10) Phenol	6.47	94	70927	4.79	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.38	70	111768	12.95	ng	# 80
25) Isophorone	7.38	82	643292	27.33	ng	# 67
49) Dimethylphthalate	9.58	163	260490	9.95	ng	100
56) 2,4-Dinitrotoluene	9.86	165	47328	6.49	ng	# 33
66) 4-Bromophenyl-phenylether	10.64	248	18884	3.09	ng	# 1

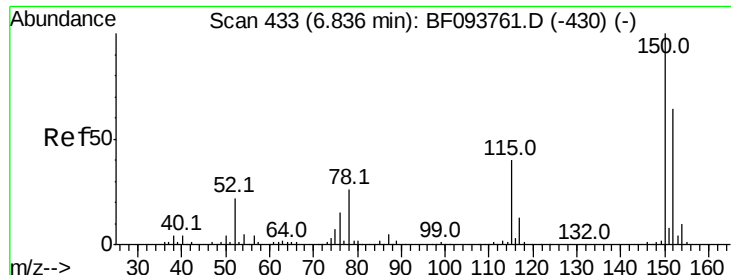
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093803.D

Acq: 21 Mar 2017 17:32

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

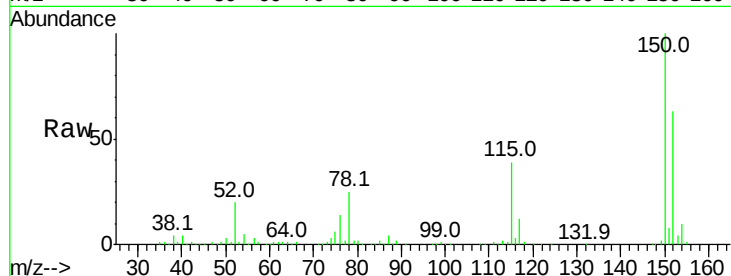
Tot Ion:152 Resp: 186368

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

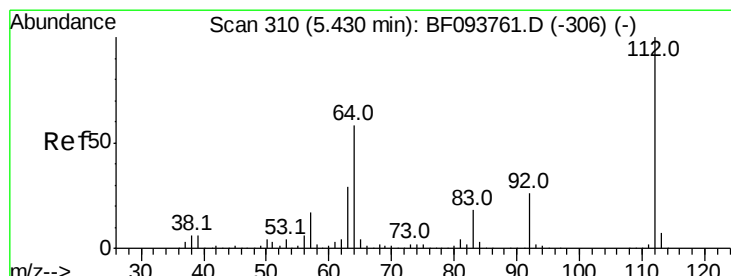
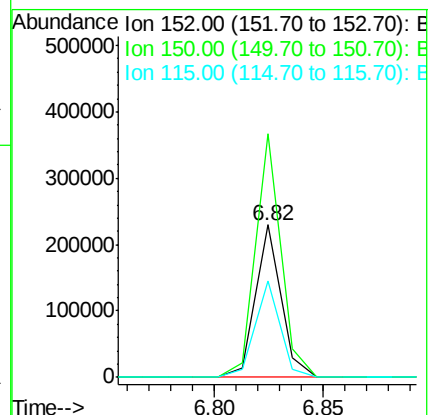
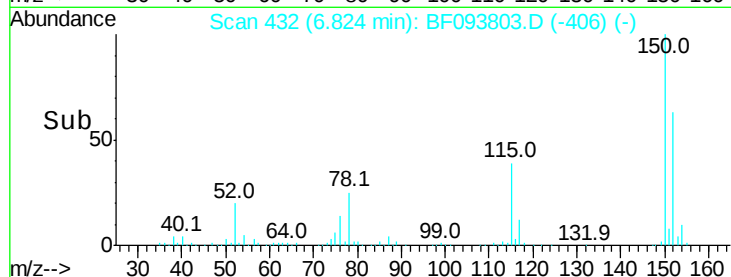
115 63.0 52.2 78.2



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: 105.97 ng

RT: 5.43 min Scan# 310

Delta R.T. 0.01 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

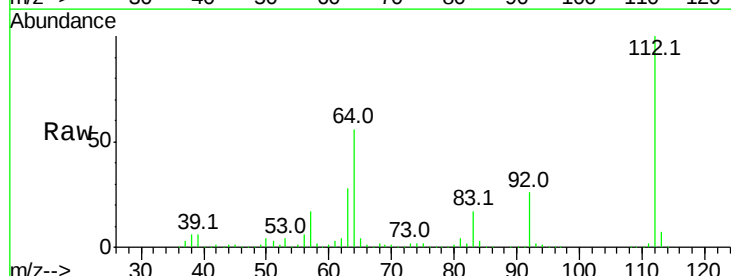
Tgt Ion:112 Resp: 1129403

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

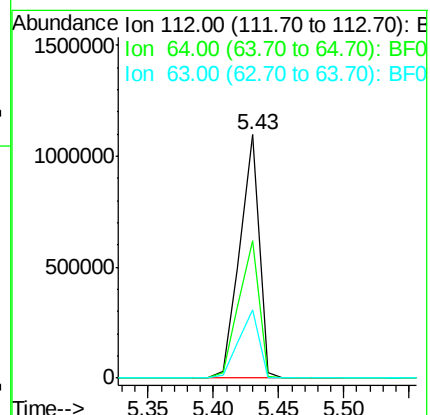
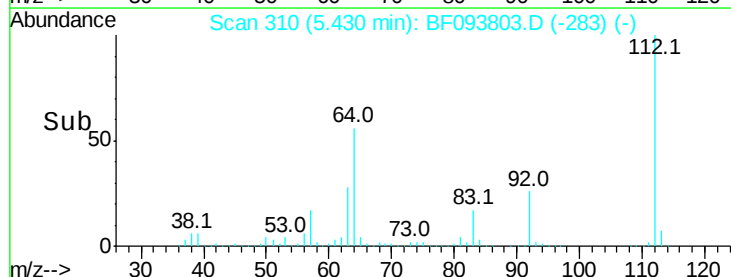
63 28.3 23.4 35.0

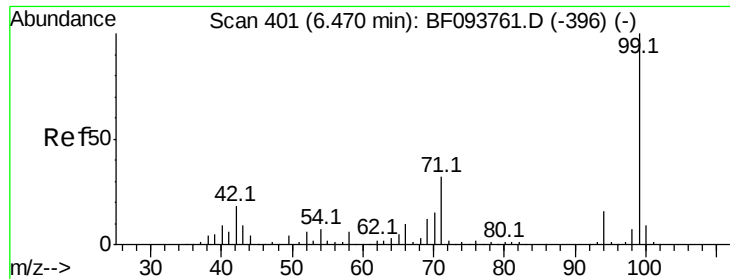


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.58 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

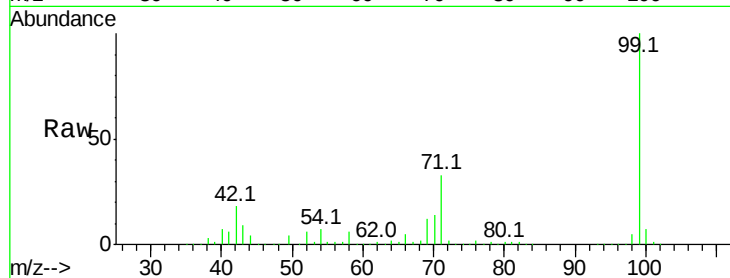
Tot Ion: 99 Resp: 1390395

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

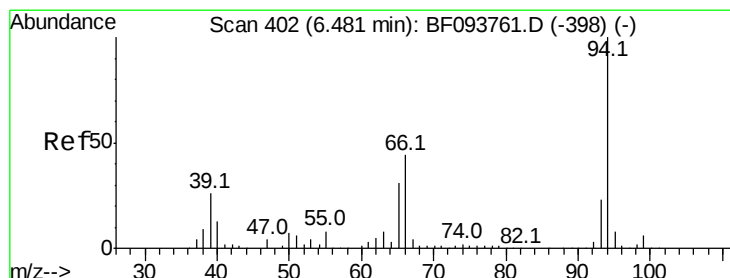
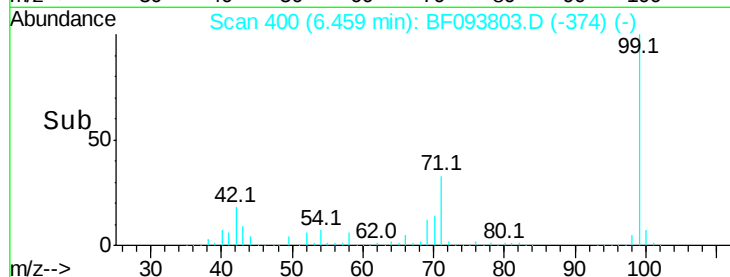
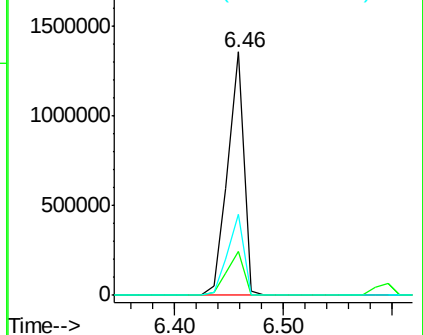
71 33.2 24.5 36.7



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: 4.79 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

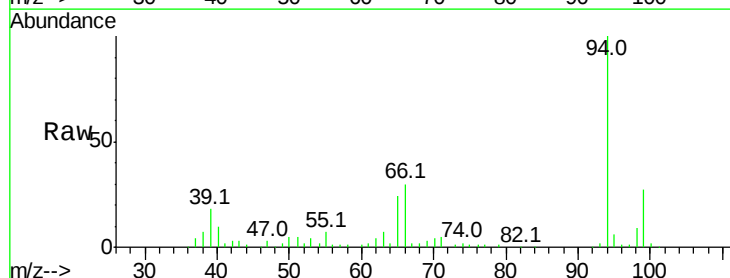
Tgt Ion: 94 Resp: 70927

Ion Ratio Lower Upper

94 100

65 24.2 9.9 49.9

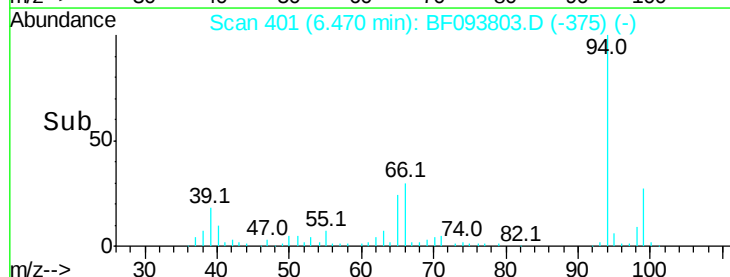
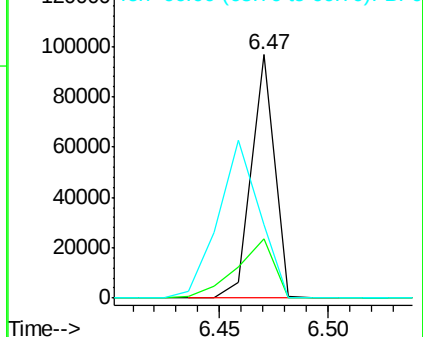
66 30.3 23.1 63.1

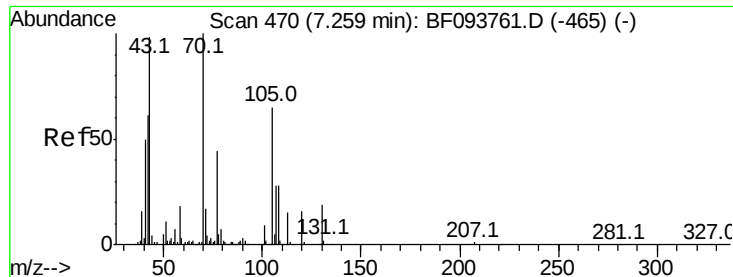


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

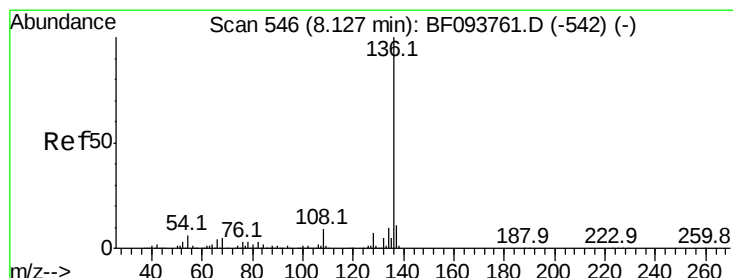
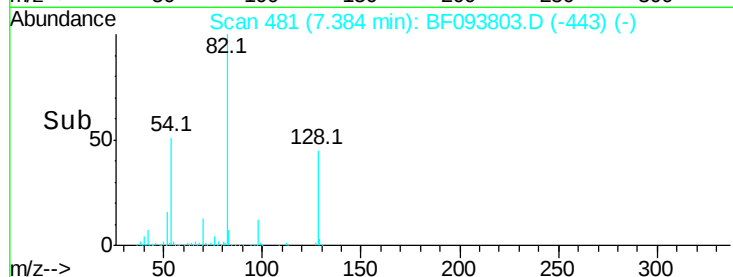
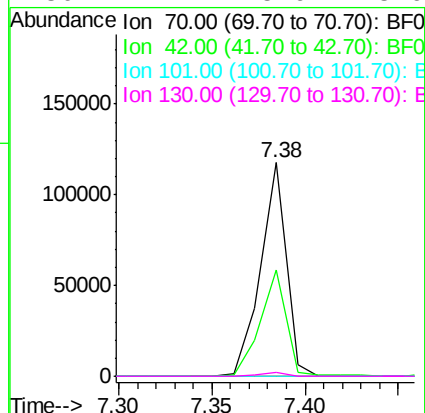
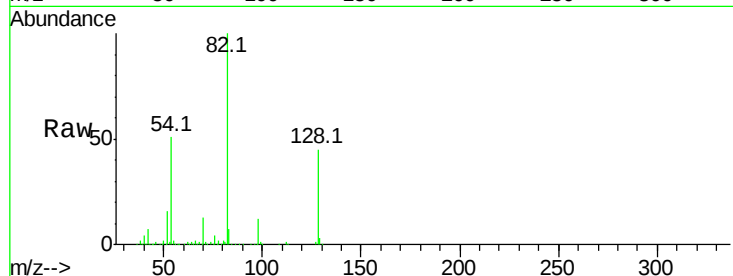




#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.38 min Scan# 481
Delta R.T. 0.14 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

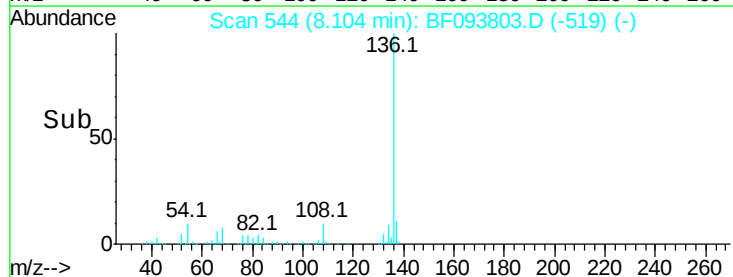
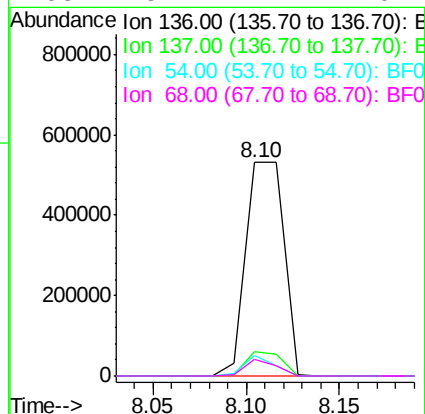
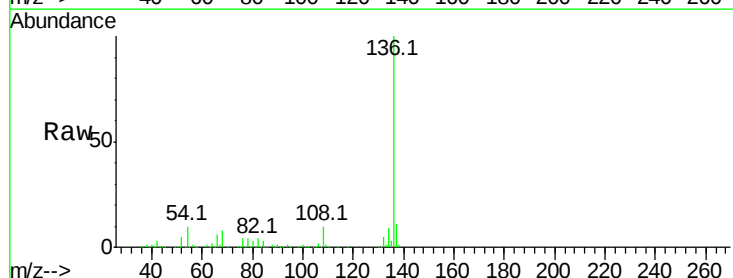
Instrument :
BNA_F
ClientSampleId :
FIELD DUPLICATE

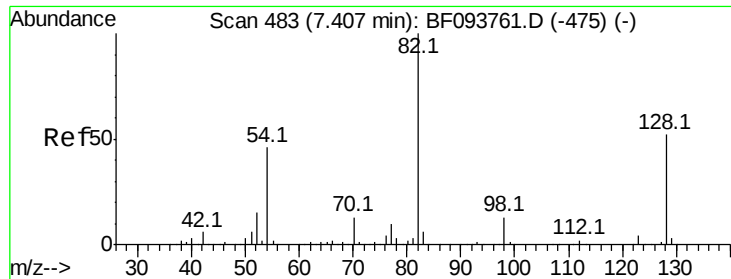
Tot Ion: 70 Resp: 111768
Ion Ratio Lower Upper
70 100
42 49.8 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Tgt Ion: 136 Resp: 753642
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 9.9 4.9 7.3#
68 8.1 4.1 6.1#

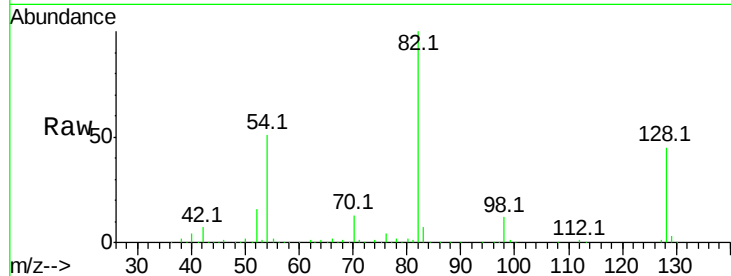




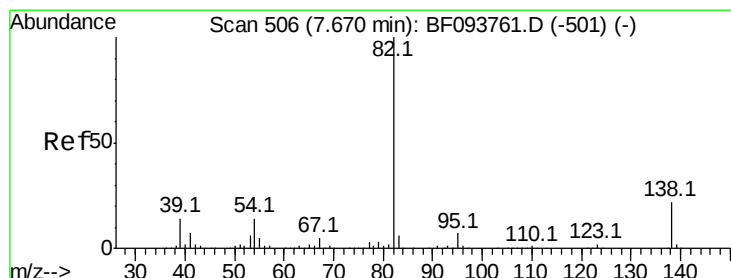
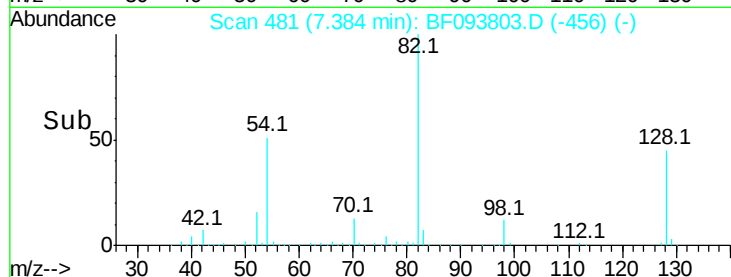
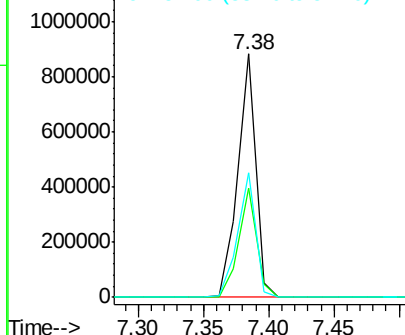
#23
Nitrobenzene-d5
Concen: 62.99 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Instrument :
BNA_F
ClientSampleId :
FIELD DUPLICATE

Tot Ion: 82 Resp: 836808
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 51.1 42.2 63.2

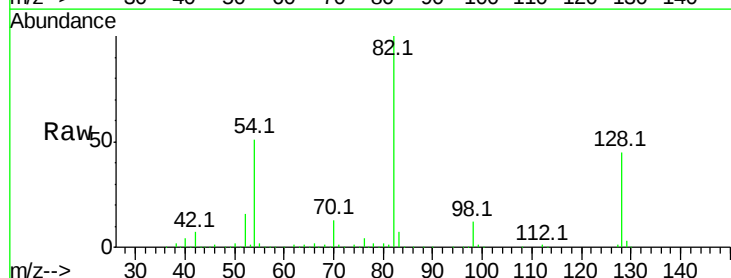


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

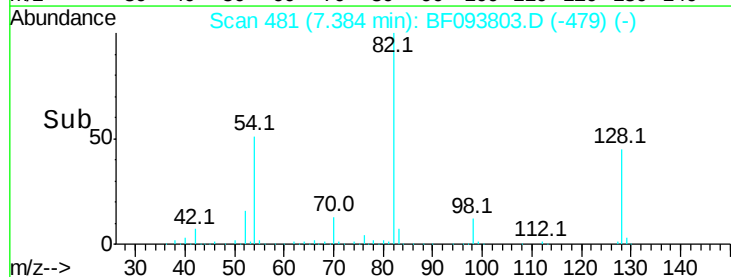
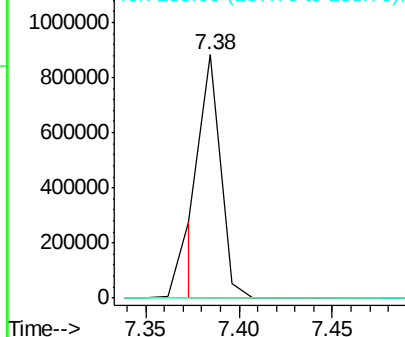


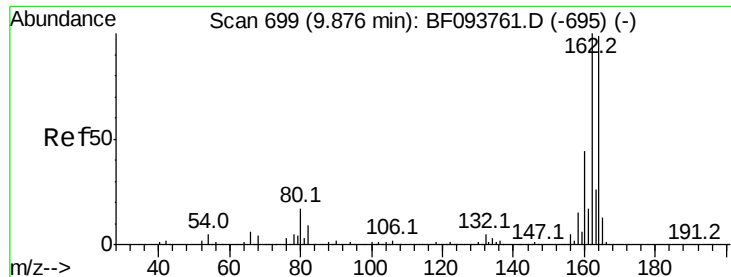
#25
Isophorone
Concen: 27.33 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.27 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Tgt Ion: 82 Resp: 643292
Ion Ratio Lower Upper
82 100
95 0.0 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

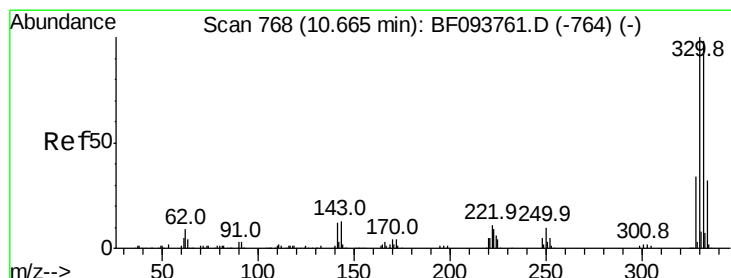
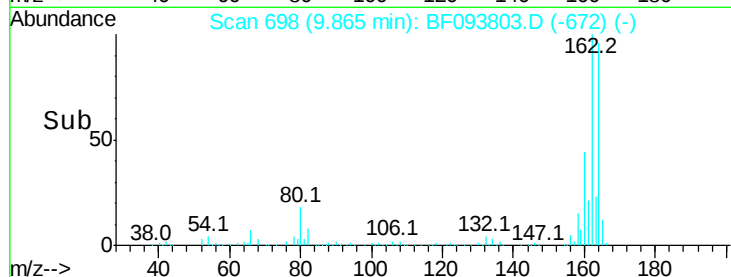
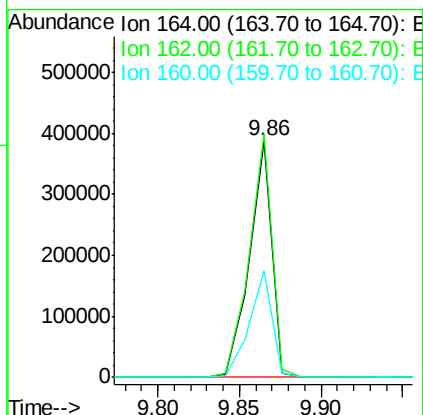
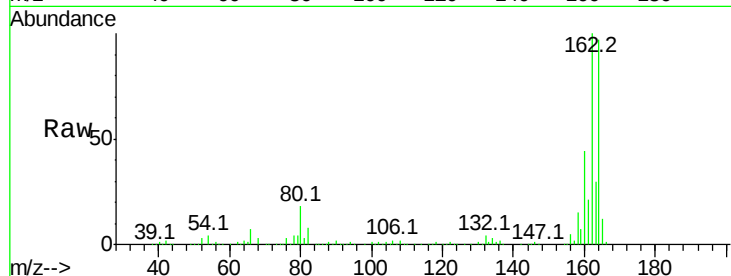




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF093803.D
 Acq: 21 Mar 2017 17:32

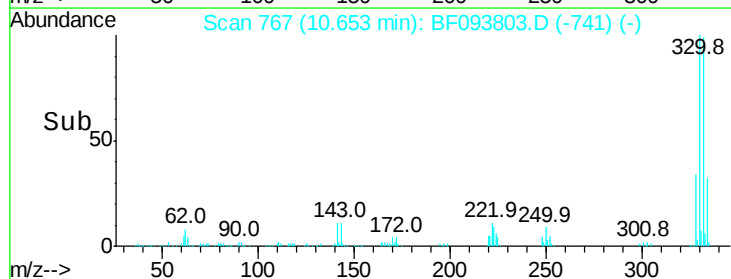
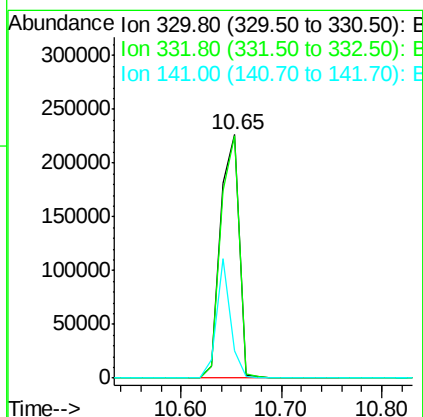
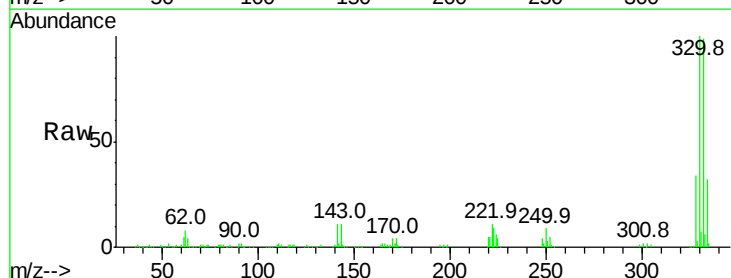
Instrument :
 BNA_F
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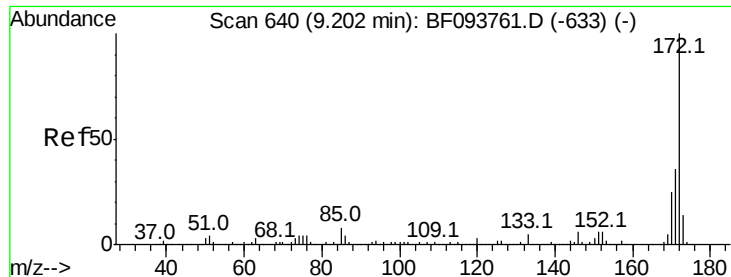
Tot Ion:164 Resp: 367932
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 102.51 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF093803.D
 Acq: 21 Mar 2017 17:32

Tgt Ion:330 Resp: 292130
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 36.8 31.4 47.2

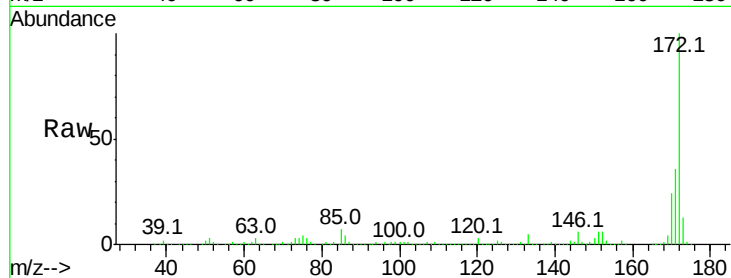




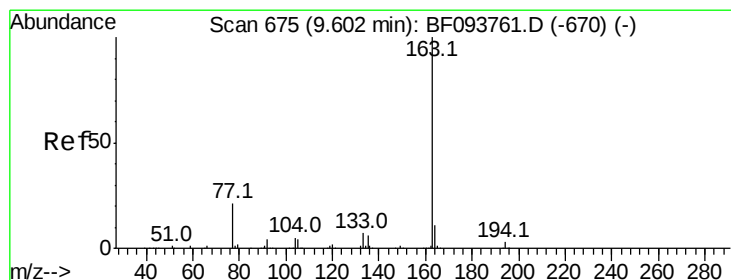
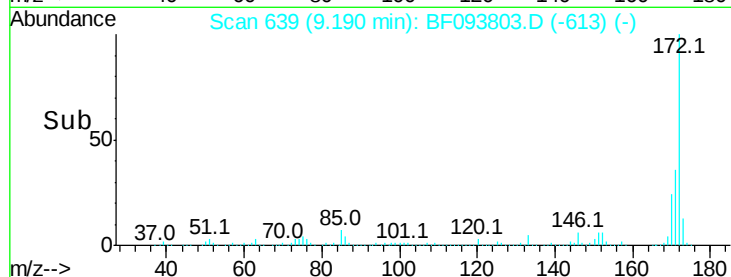
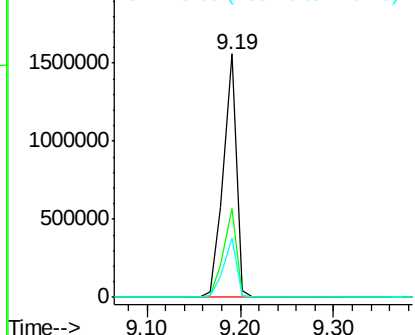
#44
2-Fluorobiphenyl
Concen: 69.84 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Instrument :
BNA_F
ClientSampleId :
FIELD DUPLICATE

Tot Ion:172 Resp: 1528153
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.2 19.8 29.8

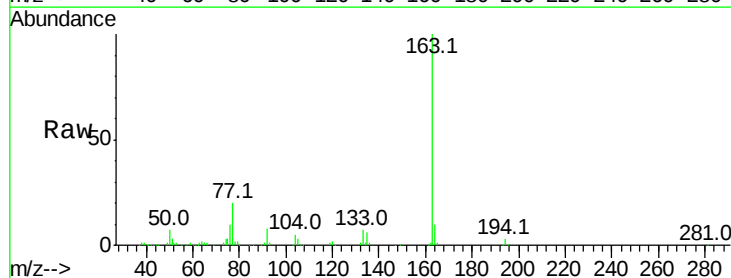


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

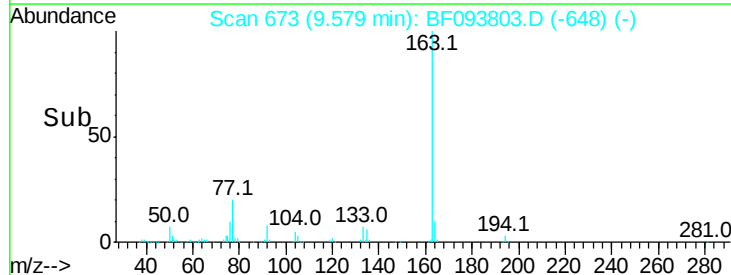
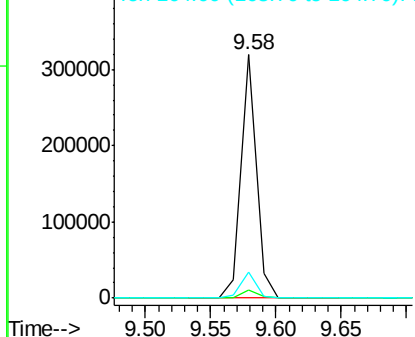


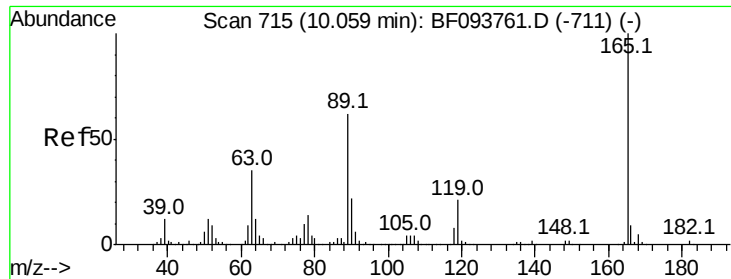
#49
Dimethylphthalate
Concen: 9.95 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Tgt Ion:163 Resp: 260490
Ion Ratio Lower Upper
163 100
194 3.1 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





#56

2,4-Dinitrotoluene

Concen: 6.49 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.18 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

Tot Ion:165 Resp: 47328

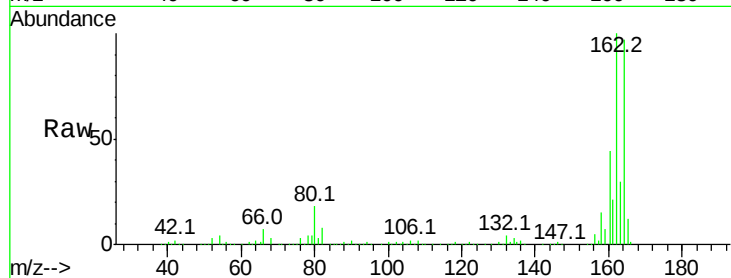
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.0#

89 1.2 46.4 69.6#

182 0.0 1.8 2.6#

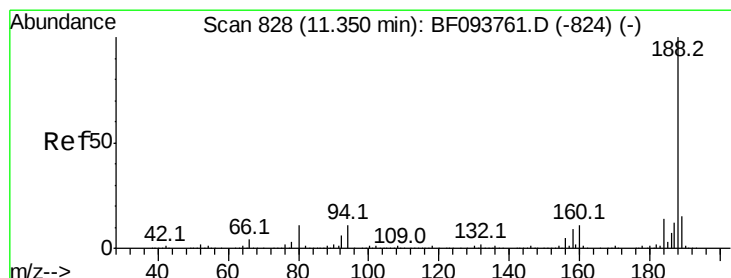
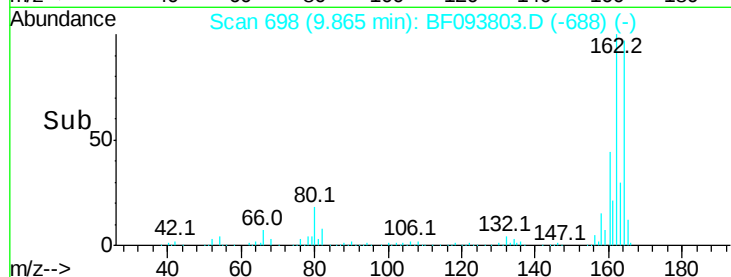
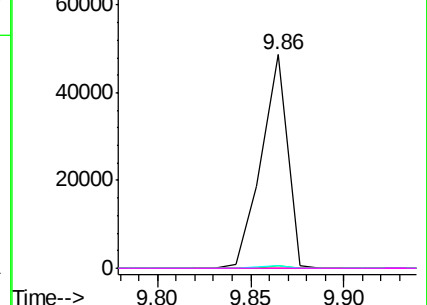


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF093803.D

Acq: 21 Mar 2017 17:32

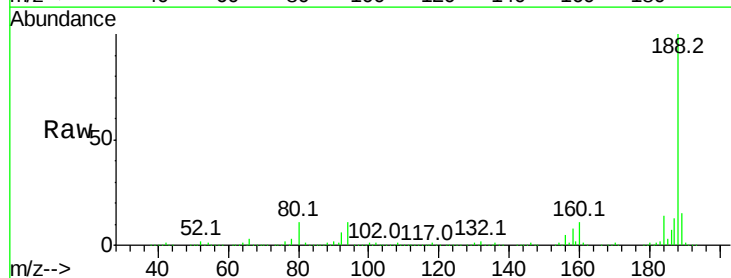
Tgt Ion:188 Resp: 634616

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

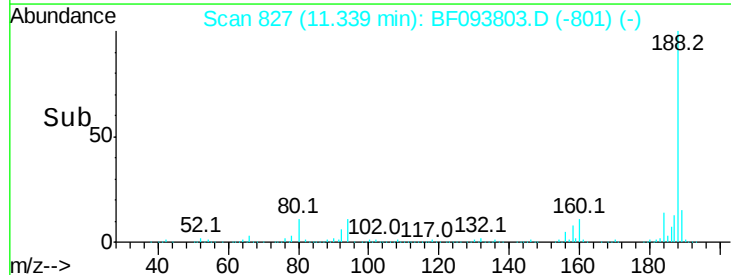
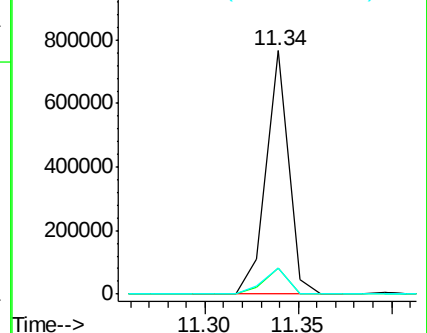
80 11.0 10.2 15.2

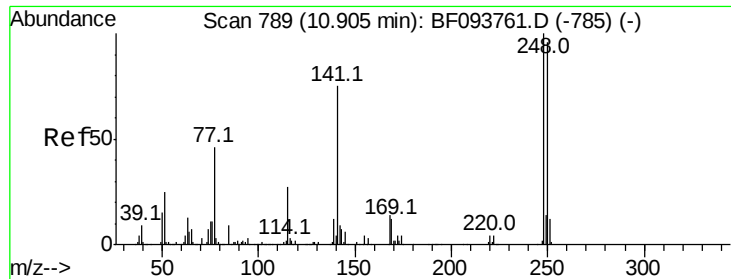


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

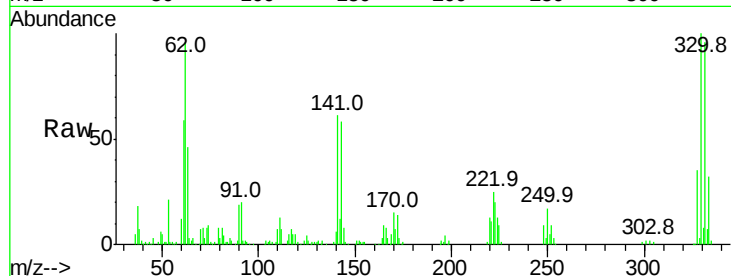




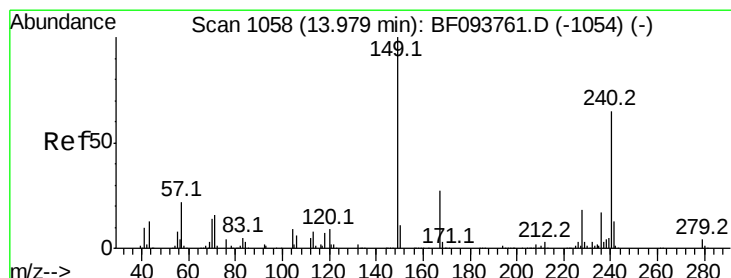
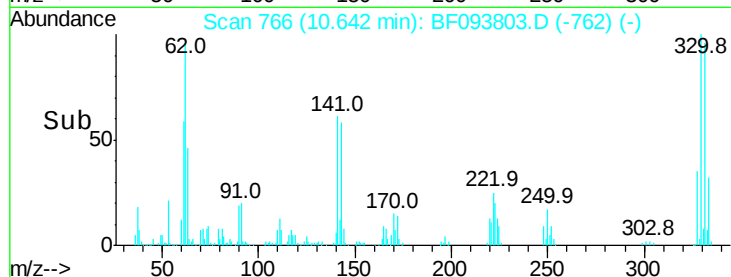
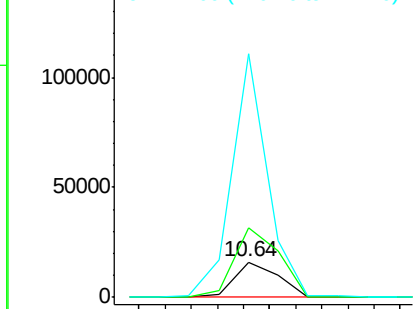
#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.64 min Scan# 766
Delta R.T. -0.25 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Instrument :
BNA_F
ClientSampleId :
FIELDuplicate

Tot Ion:248 Resp: 18884
Ion Ratio Lower Upper
248 100
250 196.4 76.8 115.2#
141 693.5 68.6 103.0#

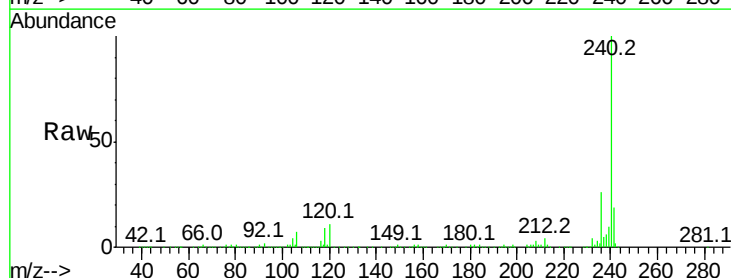


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

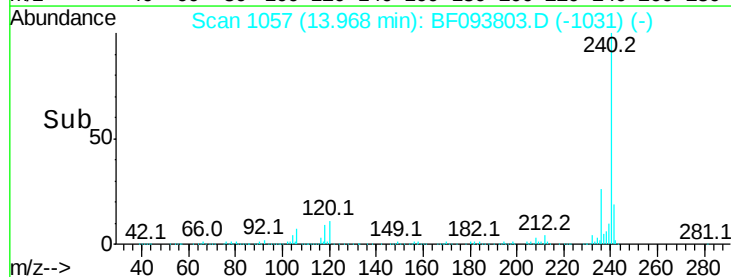
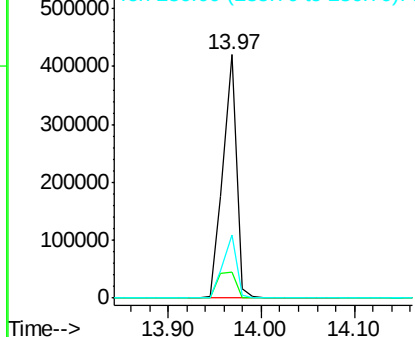


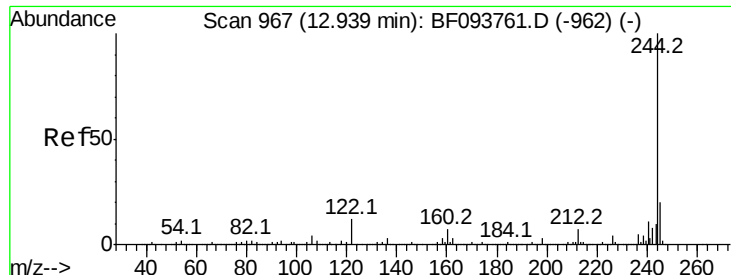
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Tgt Ion:240 Resp: 425516
Ion Ratio Lower Upper
240 100
120 10.7 5.8 8.8#
236 25.7 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: 54.25 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

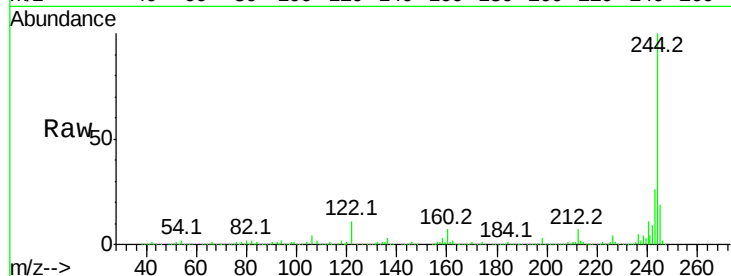
Tot Ion:244 Resp: 1132263

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

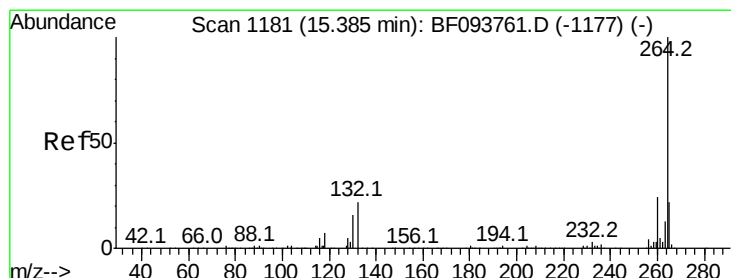
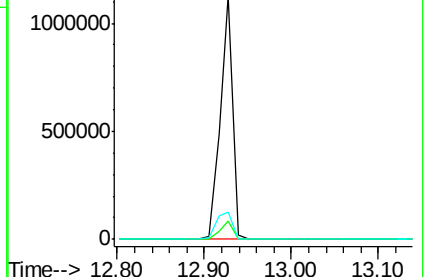
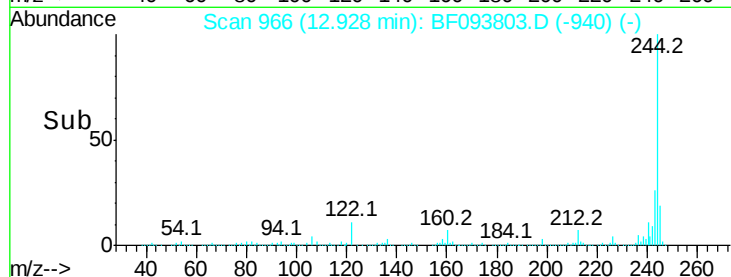
122 11.4 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

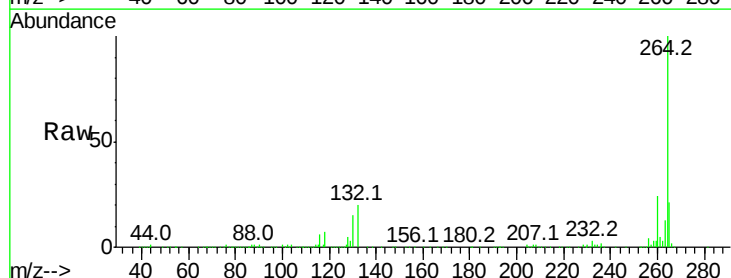
Tgt Ion:264 Resp: 319591

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.2 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

