

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093752.D
 Acq On : 18 Mar 2017 14:28
 Operator : SJ/MA
 Sample : I2277-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S39-9003

Quant Time: Mar 20 01:07:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

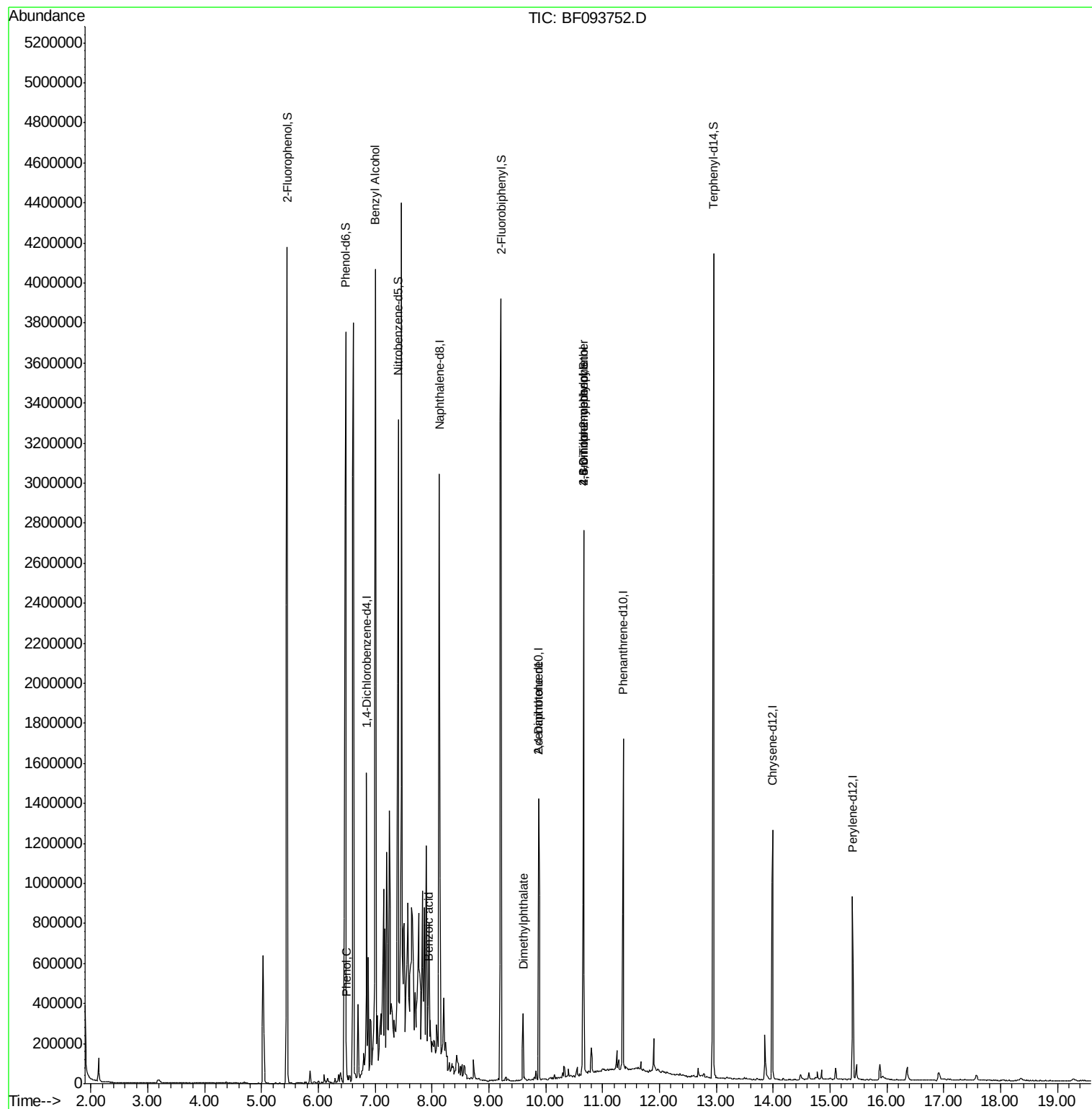
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	194220	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	709210	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	356692	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	679403	20.00	ng	0.00
75) Chrysene-d12	13.99	240	561057	20.00	ng	-0.01
86) Perylene-d12	15.40	264	427396	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1385156	118.90	ng	0.01
7) Phenol-d6	6.48	99	1842588	127.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	1038338	87.87	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	324089	138.83	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1862799	98.55	ng	0.00
78) Terphenyl-d14	12.95	244	1498072	57.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	3835	Below Cal	#	1
10) Phenol	6.49	94	82801	4.90	ng	78
15) Benzyl Alcohol	7.01	79	22453	2.08	ng	42
32) Benzoic acid	7.93	122	2714	4.22	ng	14
49) Dimethylphthalate	9.60	163	153979	6.61	ng	97
56) 2,4-Dinitrotoluene	9.88	165	45622	6.81	ng	33
64) 4,6-Dinitro-2-methylphenol	10.66	198	893	4.15	ng	1
66) 4-Bromophenyl-phenylether	10.66	248	21675	3.37	ng	1

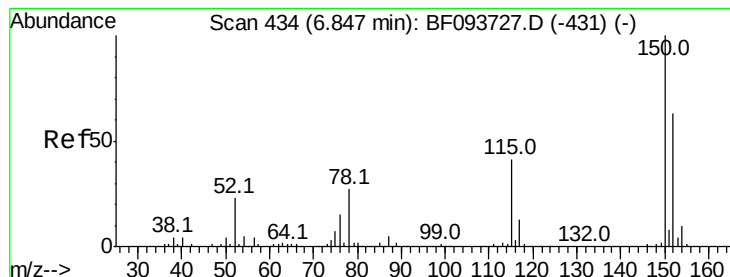
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
Data File : BF093752.D
Acq On : 18 Mar 2017 14:28
Operator : SJ/MA
Sample : I2277-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S39-9003

Quant Time: Mar 20 01:07:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration



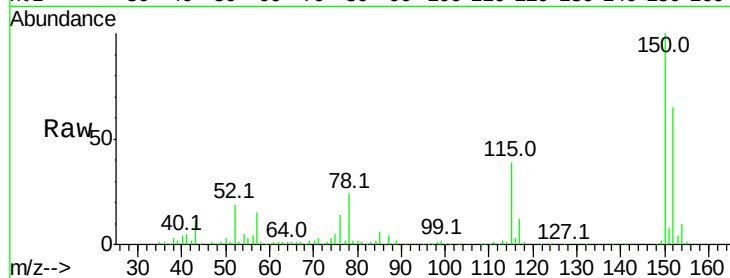


#1

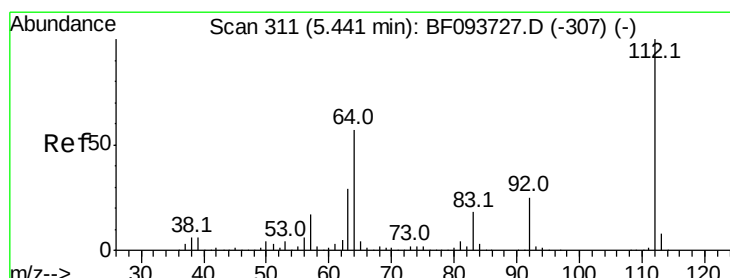
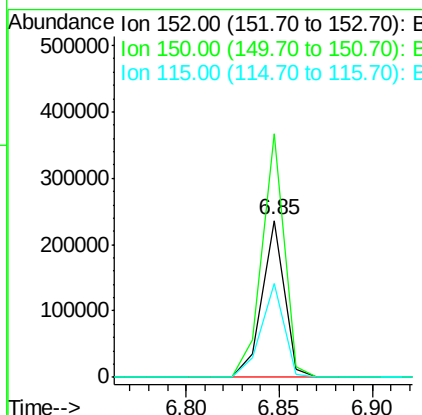
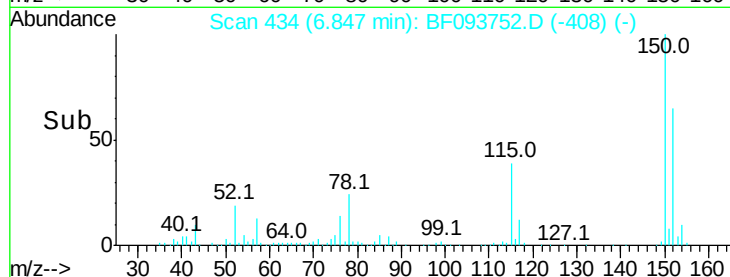
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Instrument :
BNA_F
ClientSampleId :
S39-9003

Tot Ion:152 Resp: 194220
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 59.7 52.2 78.2



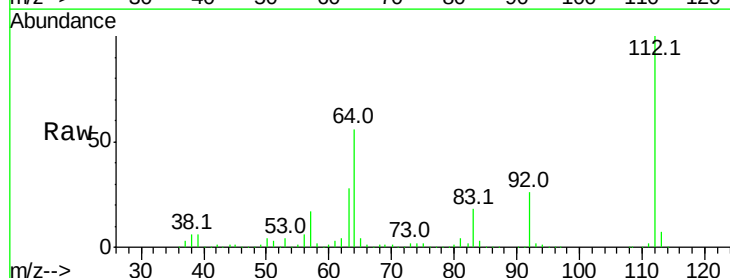
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



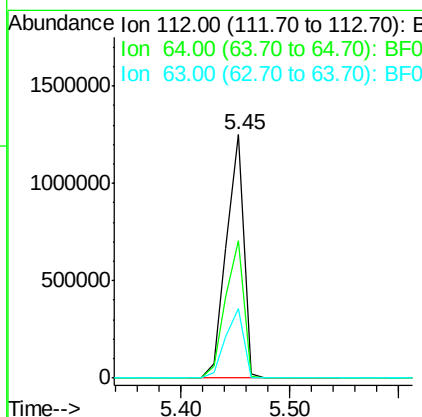
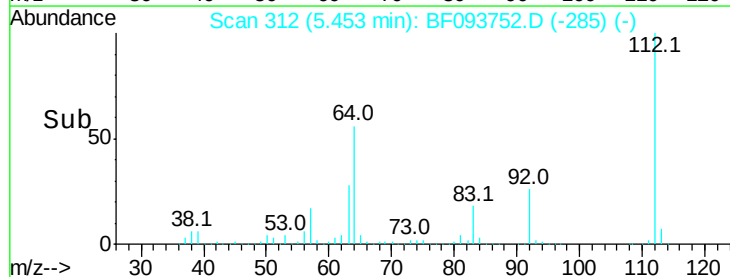
#5

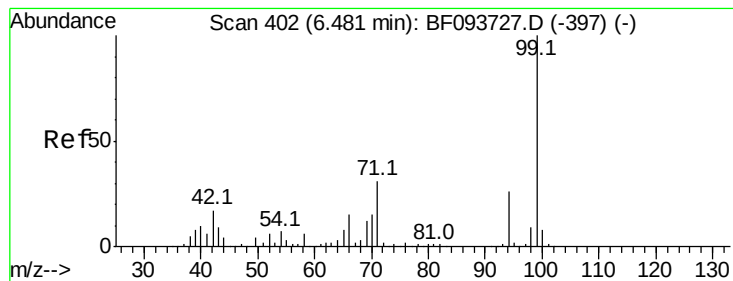
2-Fluorophenol
Concen: 118.90 ng
RT: 5.45 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Tgt Ion:112 Resp: 1385156
Ion Ratio Lower Upper
112 100
64 56.3 46.0 69.0
63 28.4 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: 127.62 ng

RT: 6.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

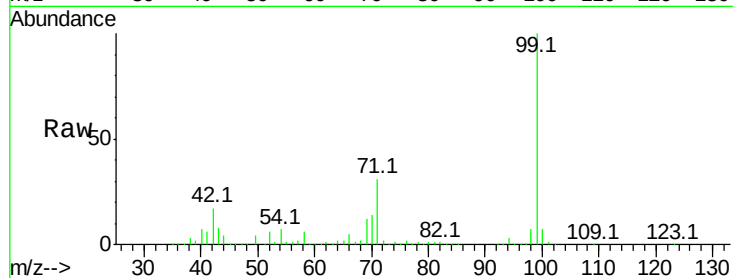
Tot Ion: 99 Resp: 1842588

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

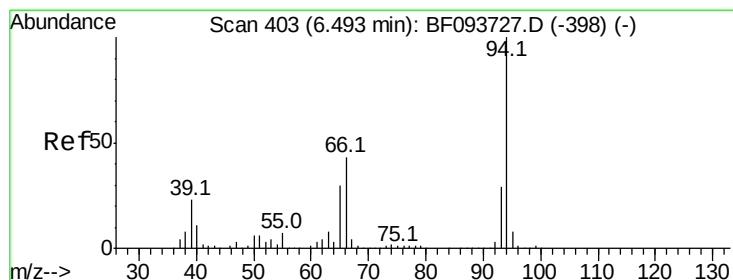
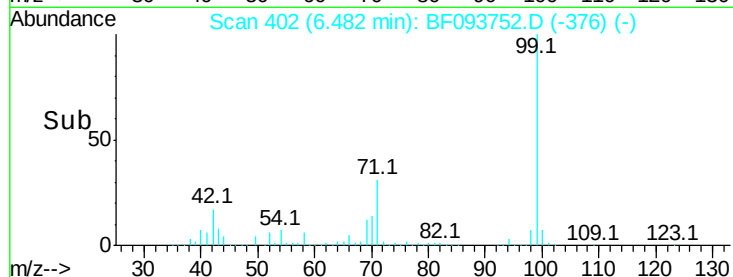
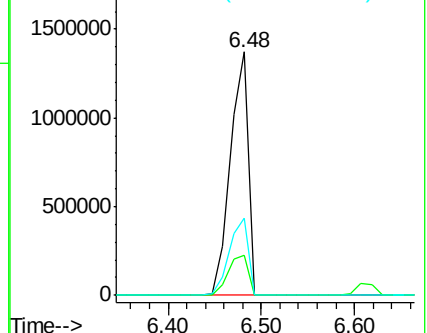
71 31.5 24.5 36.7



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: 4.90 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

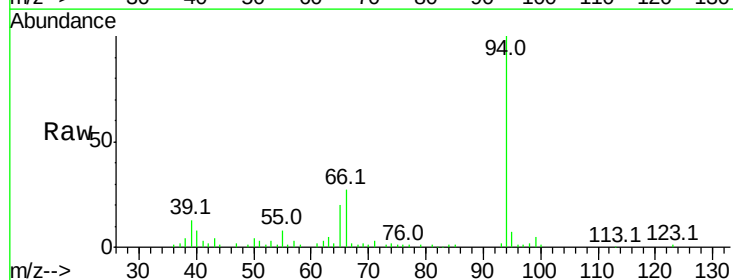
Tgt Ion: 94 Resp: 82801

Ion Ratio Lower Upper

94 100

65 20.4 9.9 49.9

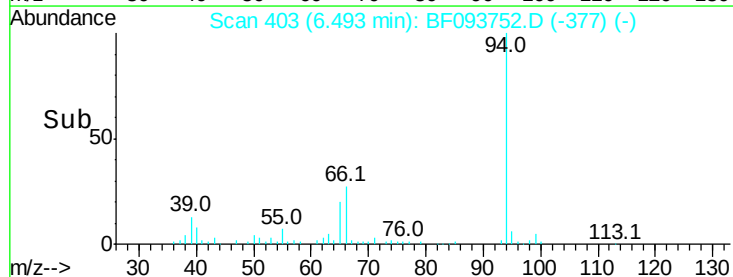
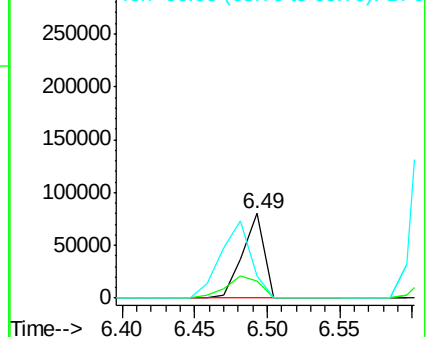
66 26.7 23.1 63.1

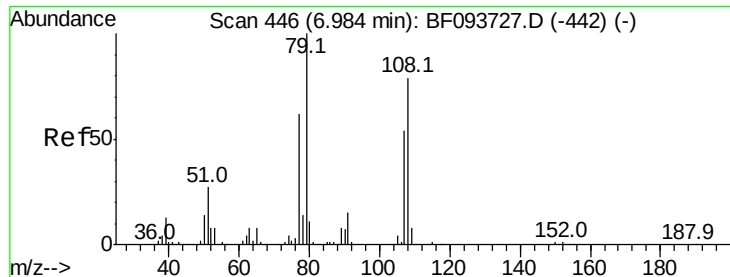


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.01 min Scan# 448

Delta R.T. 0.02 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

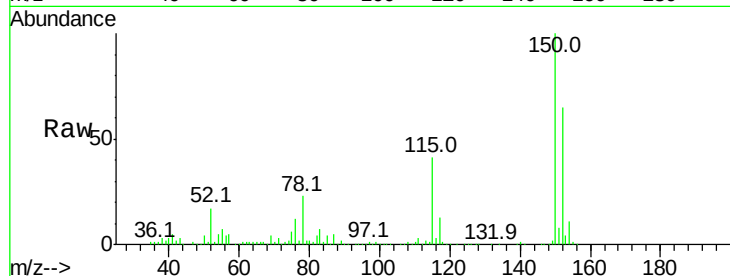
Tot Ion: 79 Resp: 22453

Ion Ratio Lower Upper

79 100

108 34.5 63.4 95.0#

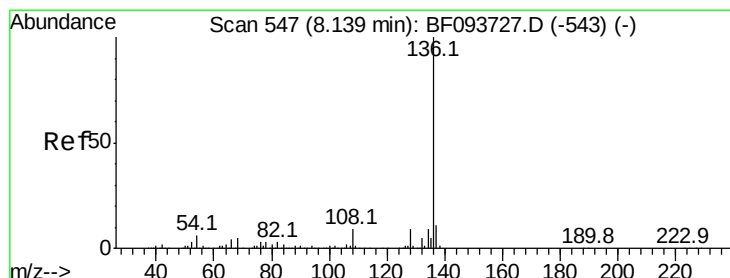
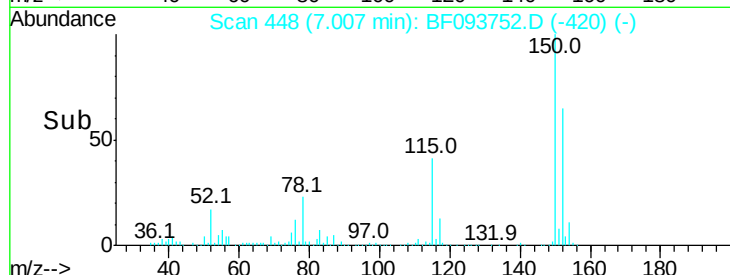
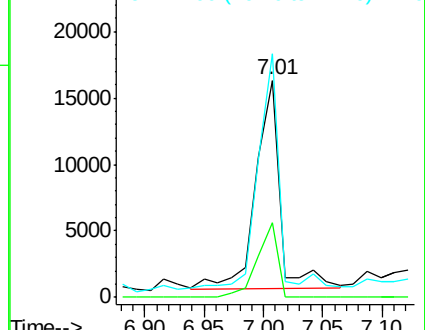
77 112.2 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Tgt Ion: 136 Resp: 709210

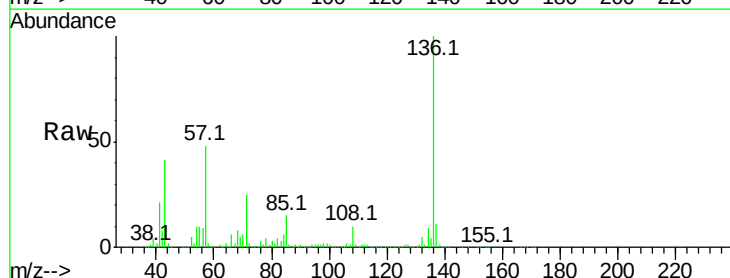
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.9 4.9 7.3#

68 7.6 4.1 6.1#

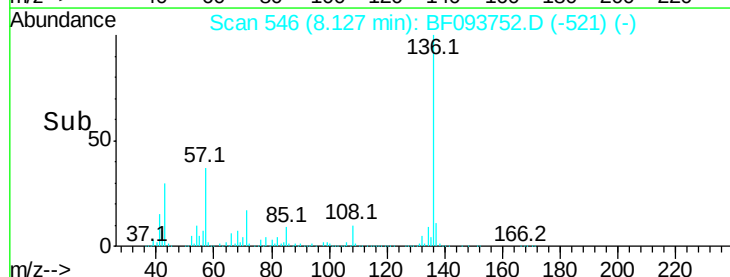
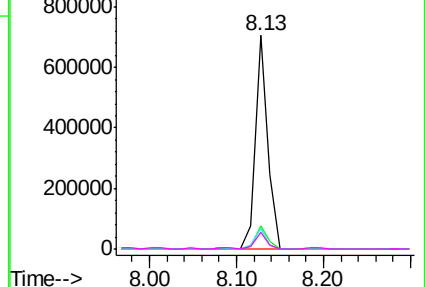


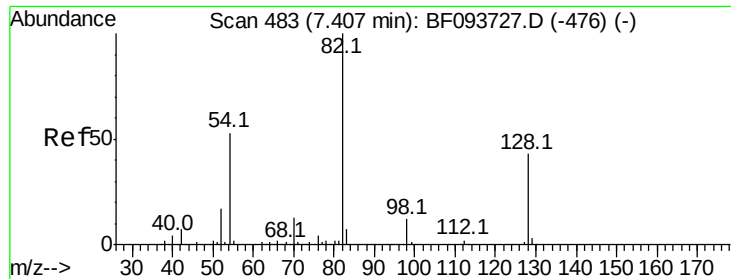
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

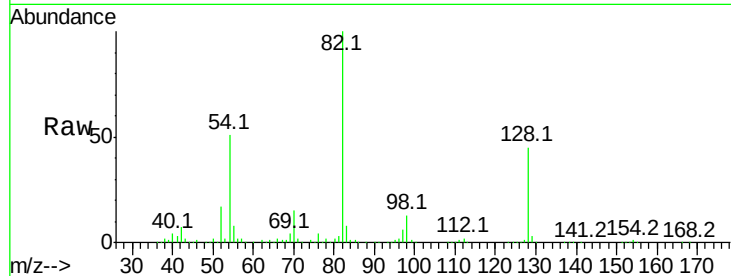




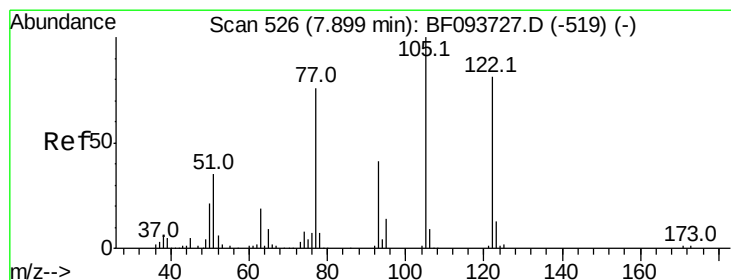
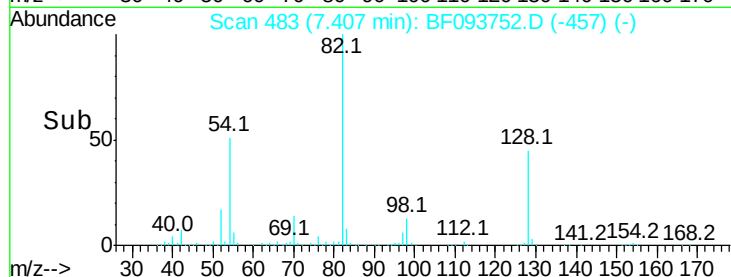
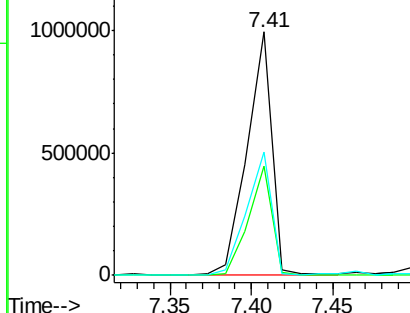
#23
Nitrobenzene-d5
Concen: 87.87 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Instrument :
BNA_F
ClientSampleId :
S39-9003

Tot Ion: 82 Resp: 1038338
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 50.8 42.2 63.2

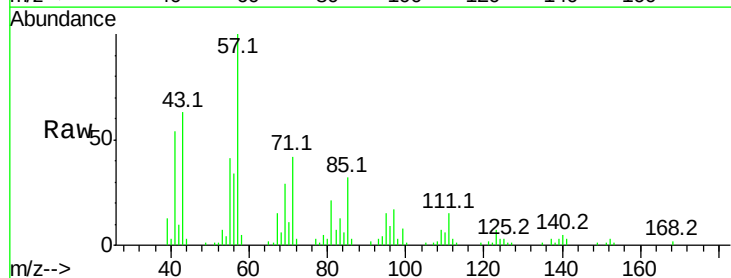


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

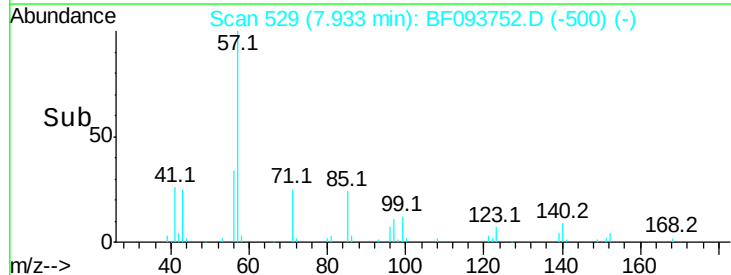
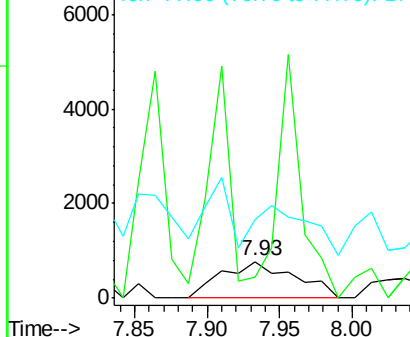


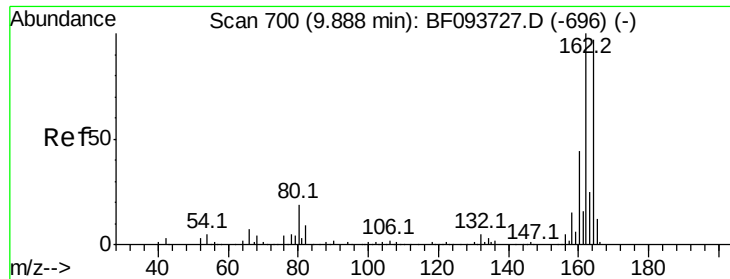
#32
Benzoic acid
Concen: 4.22 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.04 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Tgt Ion:122 Resp: 2714
Ion Ratio Lower Upper
122 100
105 57.1 103.3 143.3#
77 212.1 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

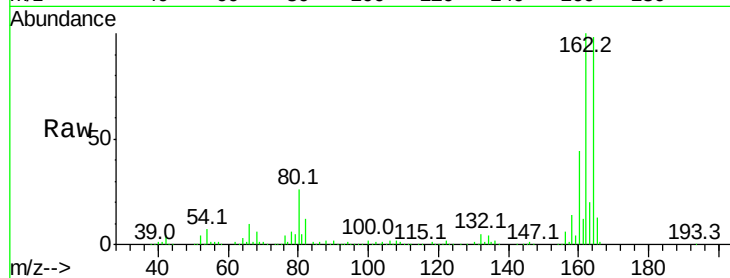
Tot Ion:164 Resp: 356692

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

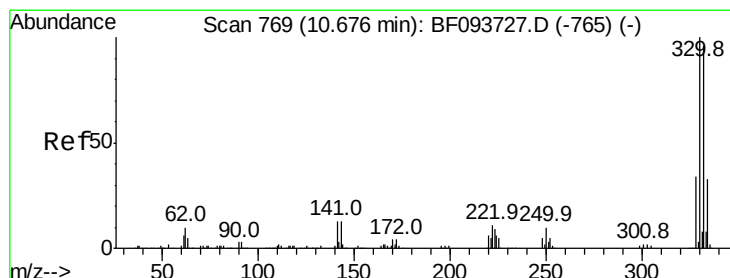
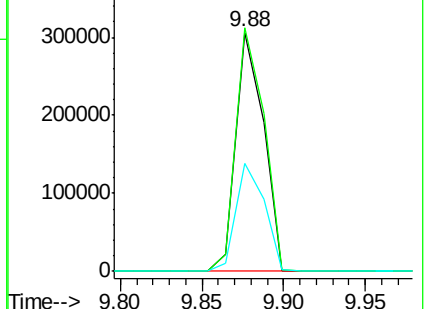
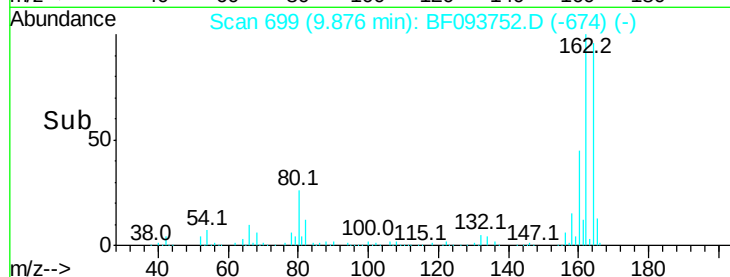
160 45.3 36.2 54.2



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: 138.83 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

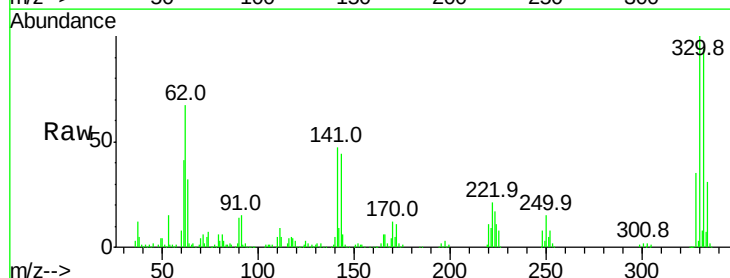
Tgt Ion:330 Resp: 324089

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

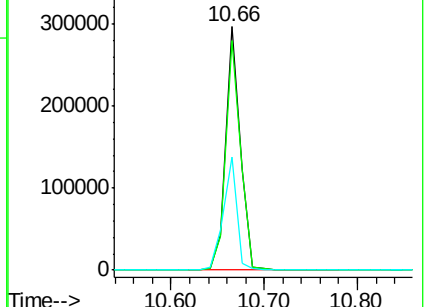
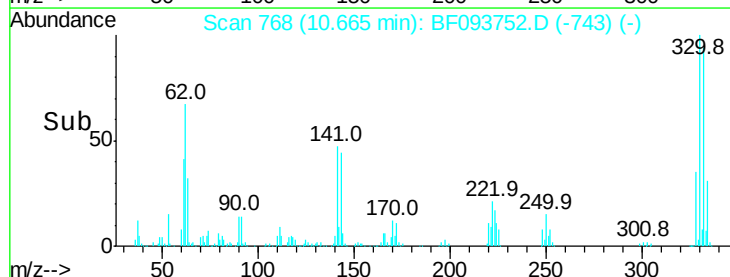
141 43.7 31.4 47.2

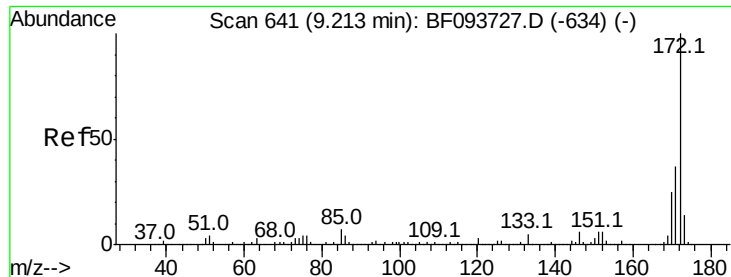


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

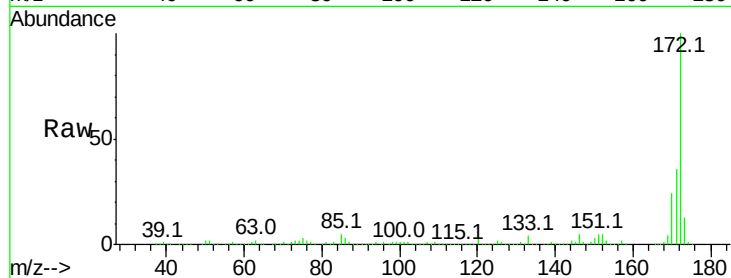




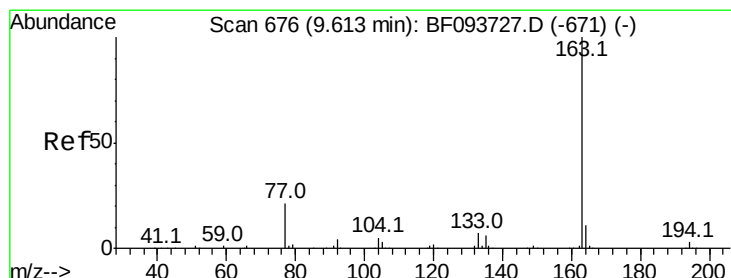
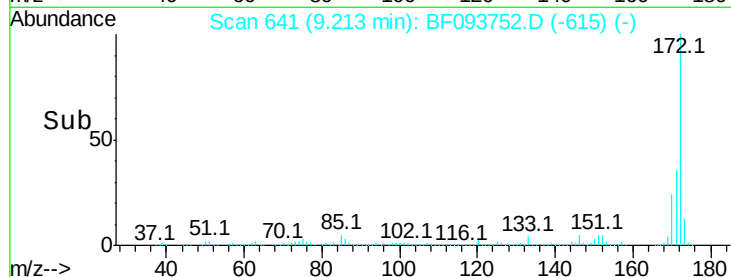
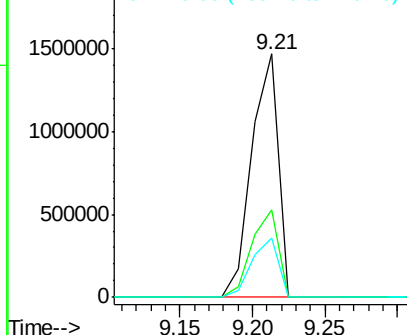
#44
2-Fluorobiphenyl
Concen: 98.55 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Instrument :
BNA_F
ClientSampleId :
S39-9003

Tot Ion:172 Resp: 1862799
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.8 29.8

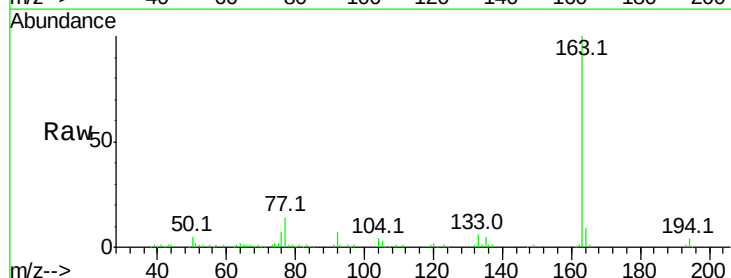


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

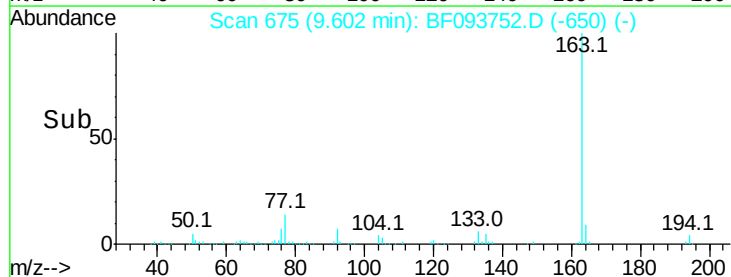
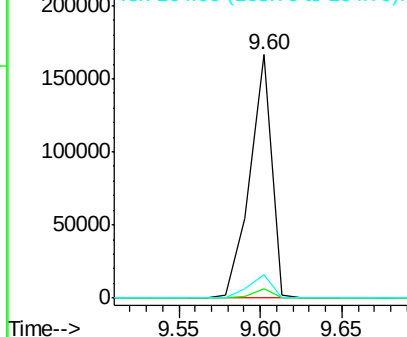


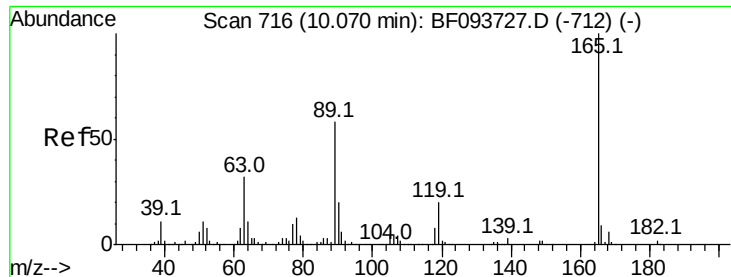
#49
Dimethylphthalate
Concen: 6.61 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Tgt Ion:163 Resp: 153979
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.5 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: 6.81 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.19 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

Tot Ion:165 Resp: 45622

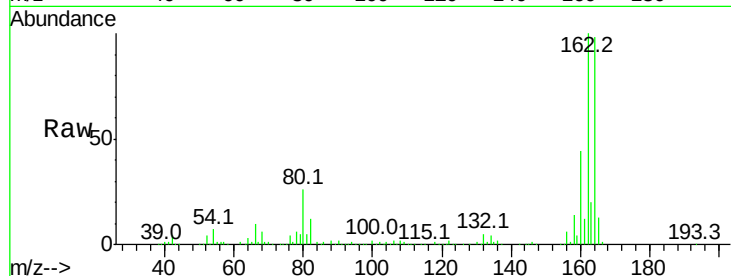
Ion Ratio Lower Upper

165 100

63 1.3 25.4 38.0#

89 1.7 46.4 69.6#

182 0.0 1.8 2.6#

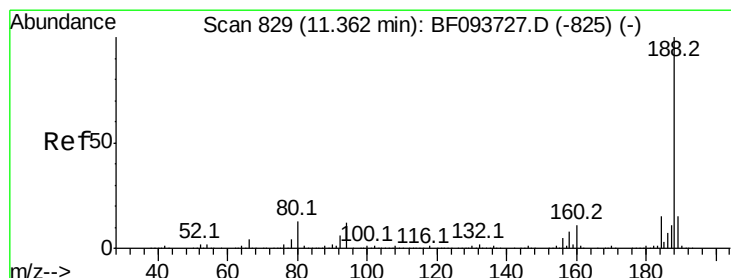
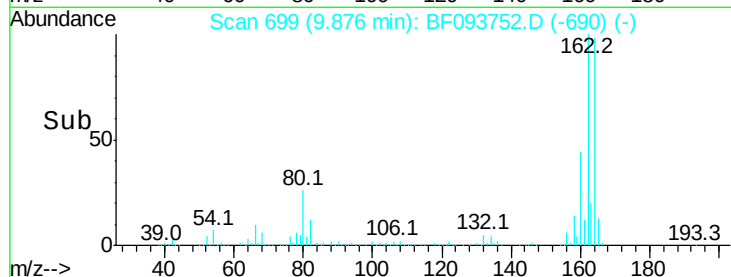
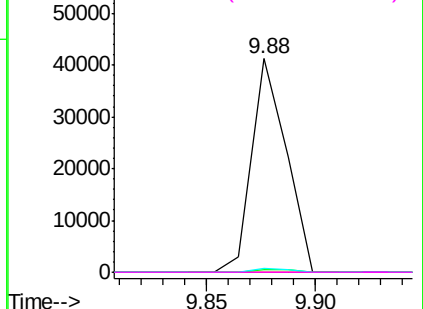


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

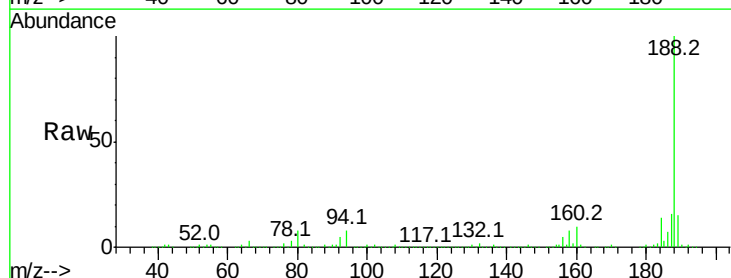
Tgt Ion:188 Resp: 679403

Ion Ratio Lower Upper

188 100

94 8.3 9.4 14.2#

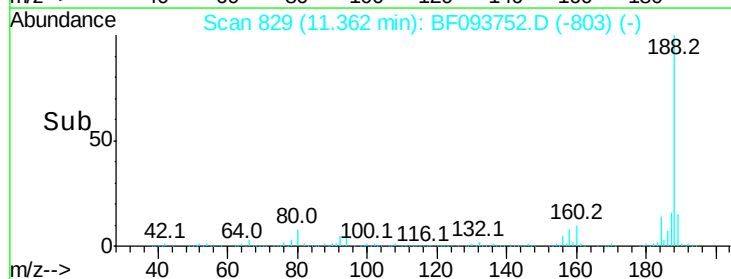
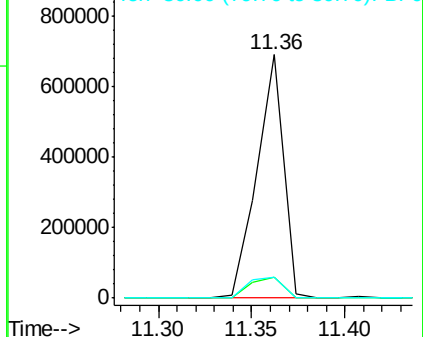
80 8.4 10.2 15.2#

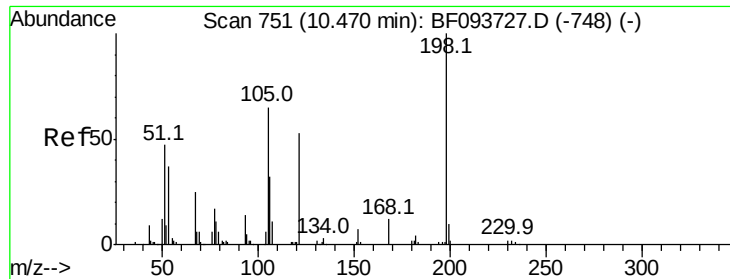


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

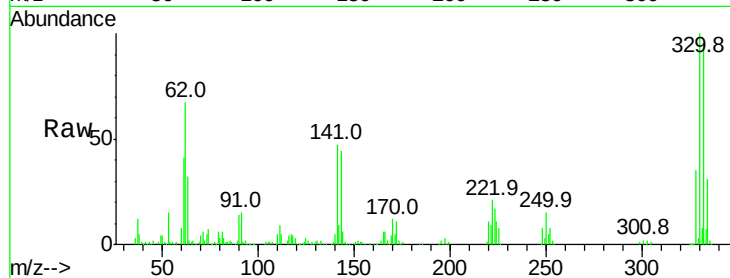




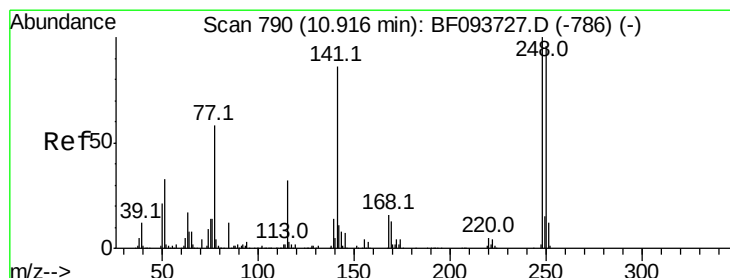
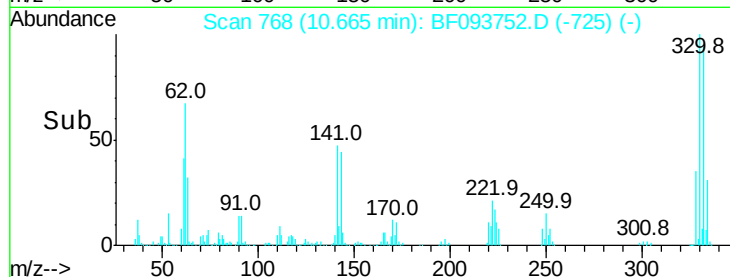
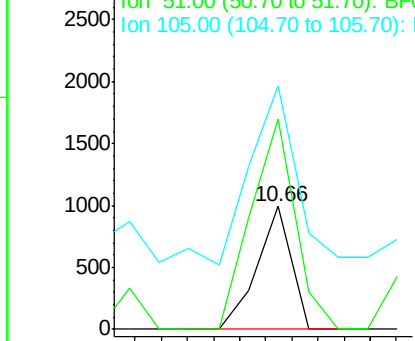
#64
4,6-Dinitro-2-methylphenol
Concen: 4.15 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.19 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Instrument :
BNA_F
ClientSampleId :
S39-9003

Tot Ion:198 Resp: 893
Ion Ratio Lower Upper
198 100
51 170.8 53.2 93.2#
105 197.8 45.8 85.8#

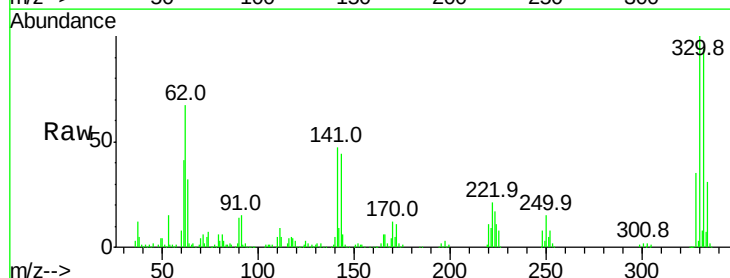


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

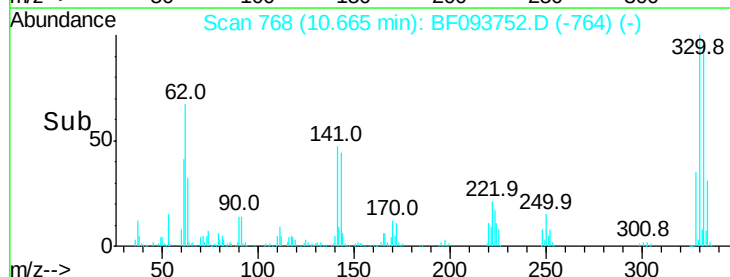
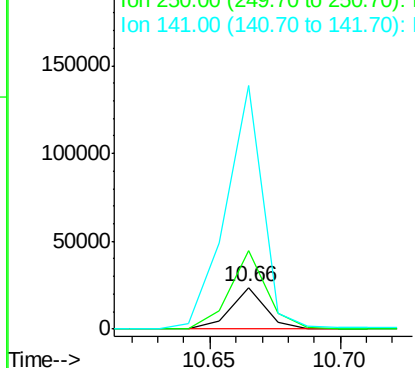


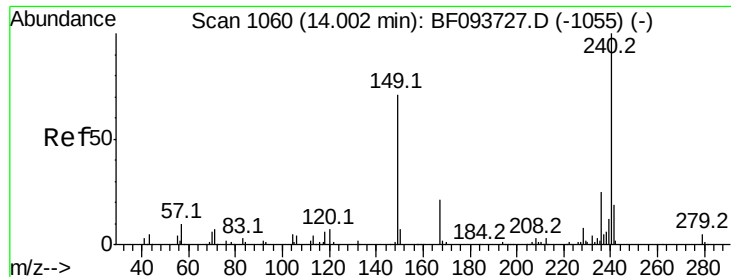
#66
4-Bromophenyl-phenylether
Concen: 3.37 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.25 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Tgt Ion:248 Resp: 21675
Ion Ratio Lower Upper
248 100
250 190.3 76.8 115.2#
141 587.6 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: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

Instrument :

BNA_F

ClientSampleId :

S39-9003

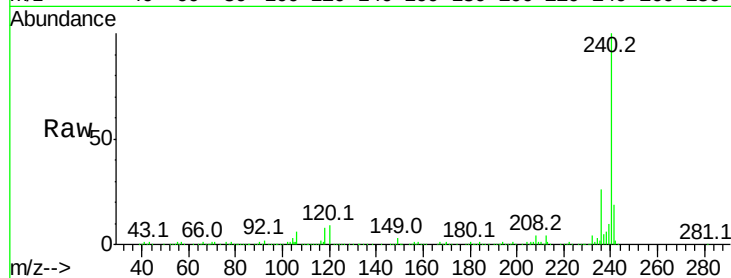
Tot Ion:240 Resp: 561057

Ion Ratio Lower Upper

240 100

120 9.0 5.8 8.8#

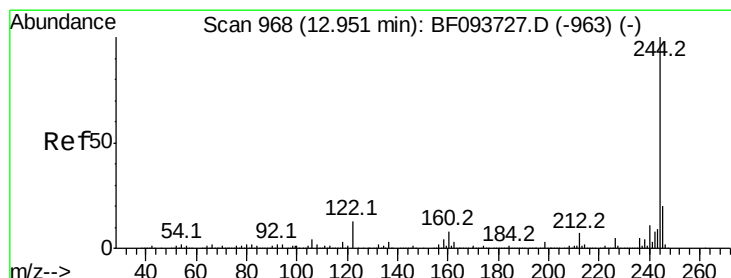
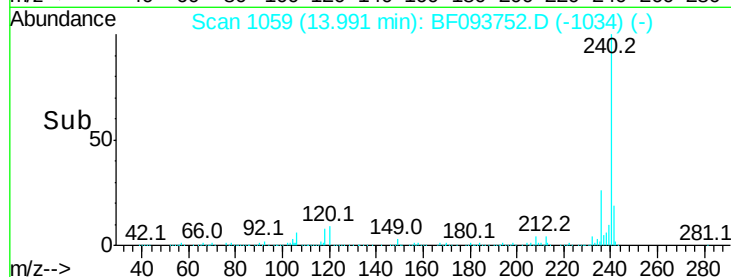
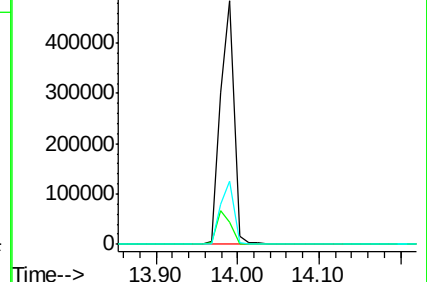
236 26.0 20.5 30.7



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: 57.47 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093752.D

Acq: 18 Mar 2017 14:28

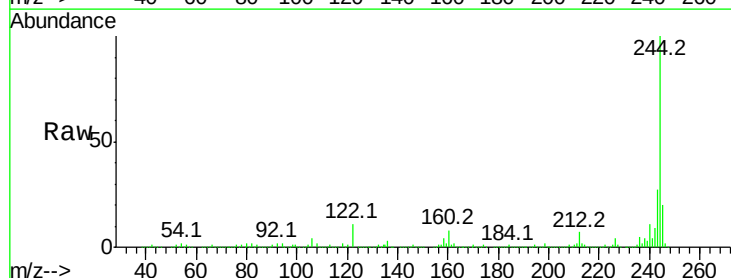
Tgt Ion:244 Resp: 1498072

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

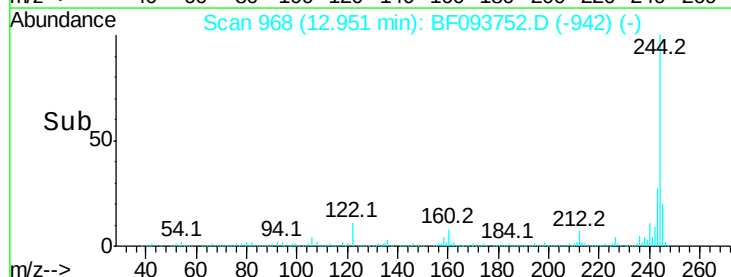
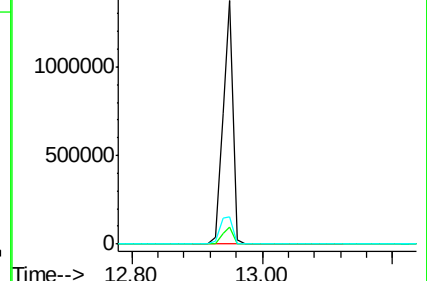
122 11.4 10.3 15.5

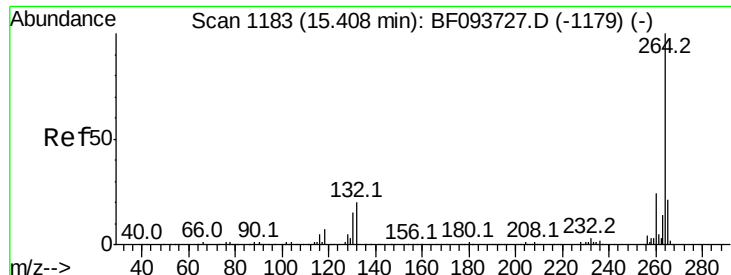


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF093752.D
Acq: 18 Mar 2017 14:28

Instrument :
BNA_F
ClientSampleId :
S39-9003

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.9	17.2	25.8

