

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093637.D
 Acq On : 14 Mar 2017 5:16
 Operator : SJ/MA
 Sample : I2199-29
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-110

Quant Time: Mar 14 06:08:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

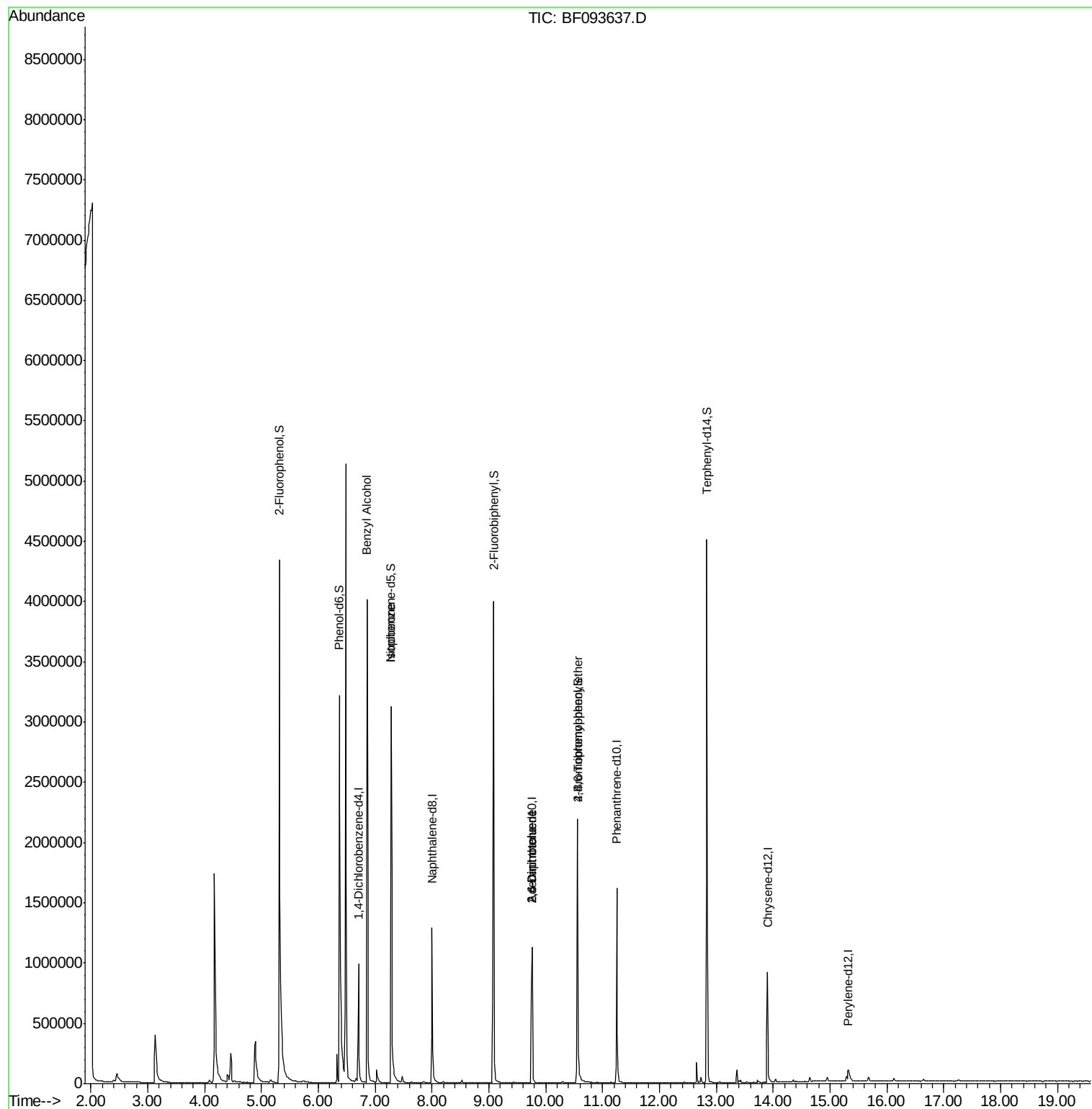
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	174477	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	692559	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	285819	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	621128	20.00	ng	0.00
75) Chrysene-d12	13.90	240	371954	20.00	ng	0.01
86) Perylene-d12	15.32	264	28434	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1659827	158.33	ng	0.00
7) Phenol-d6	6.37	99	1906866	144.24	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1336213	107.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	392370	210.71	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	2053041	133.61	ng	0.00
78) Terphenyl-d14	12.84	244	1640693	114.68	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2828	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	19730	2.09 ng	#	47
25) Isophorone	7.28	82	1309724	52.03 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	35107	8.44 ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	35108	6.87 ng	#	21
66) 4-Bromophenyl-phenylether	10.56	248	28155	4.29 ng	#	1

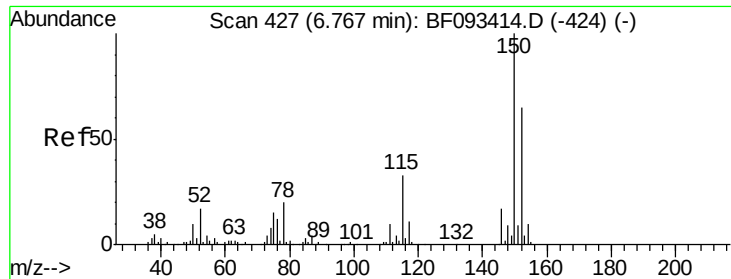
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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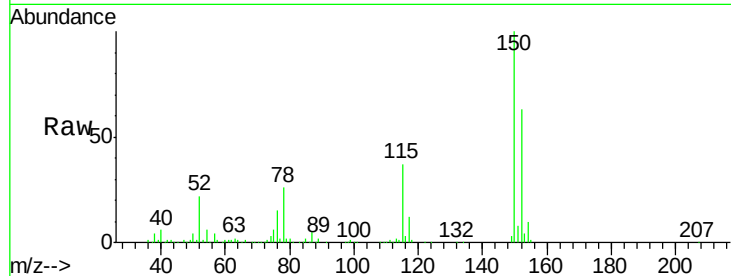


#1

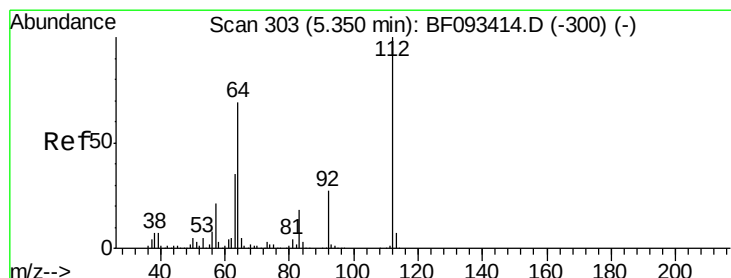
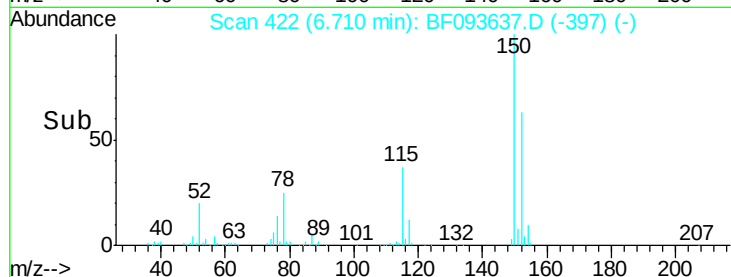
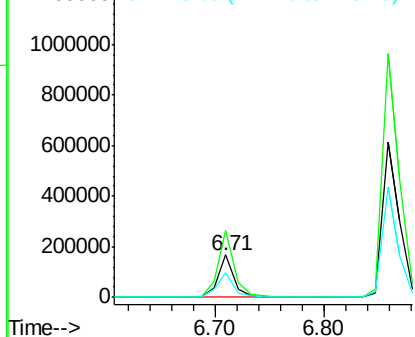
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093637.D
 Acq: 14 Mar 2017 5:16

Instrument :
 BNA_F
 ClientSampleId :
 D-110

Tgt Ion:152 Resp: 174477
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.9 187.3
 115 58.0 46.0 69.0



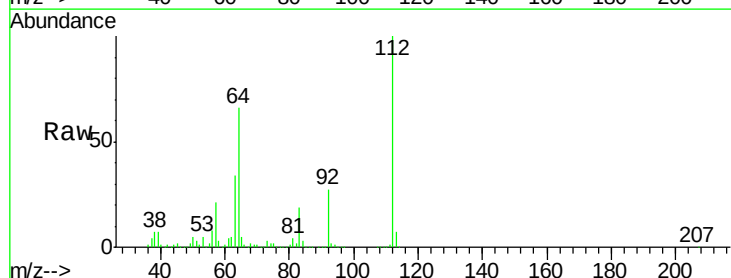
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



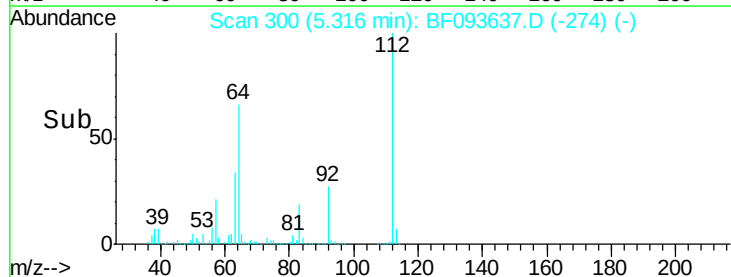
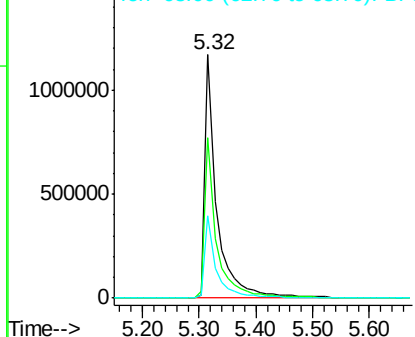
#5

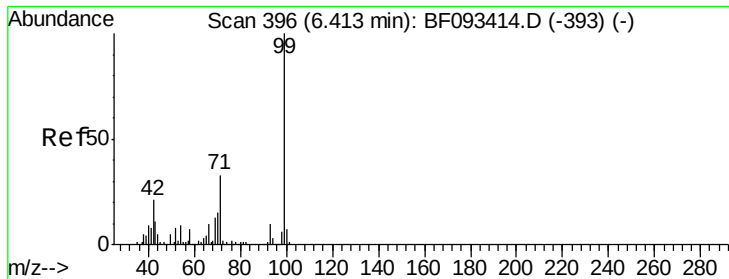
2-Fluorophenol
 Concen: 158.33 ng
 RT: 5.32 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: BF093637.D
 Acq: 14 Mar 2017 5:16

Tgt Ion:112 Resp: 1659827
 Ion Ratio Lower Upper
 112 100
 64 65.9 46.1 69.1
 63 33.8 23.8 35.6



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: 144.24 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

Instrument :

BNA_F

ClientSampleId :

D-110

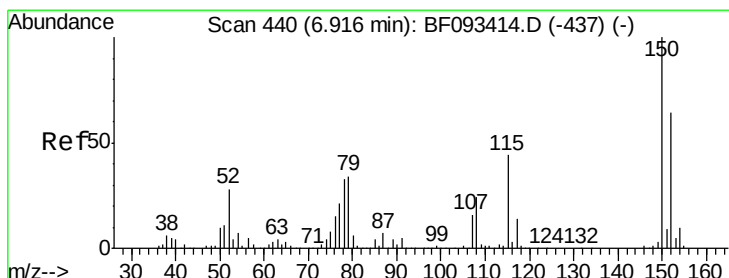
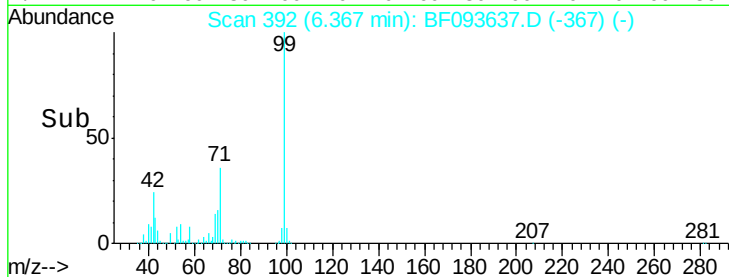
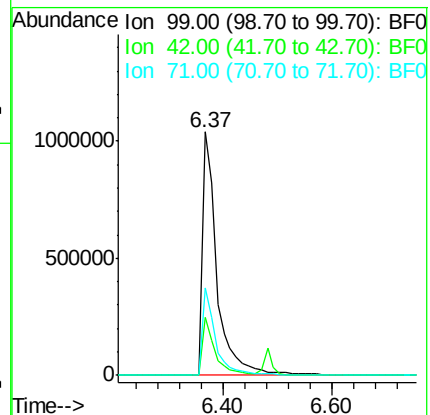
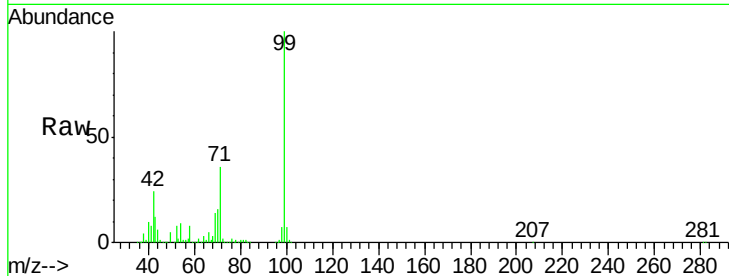
Tgt Ion: 99 Resp: 1906866

Ion Ratio Lower Upper

99 100

42 23.9 15.6 23.4#

71 36.1 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

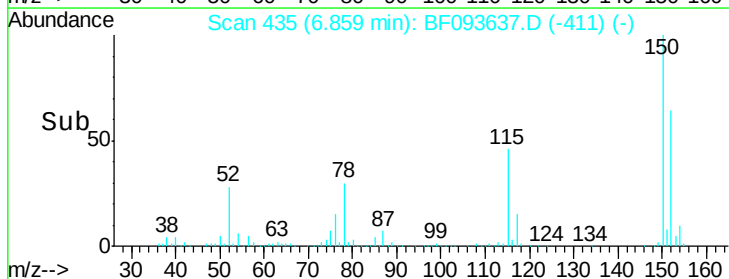
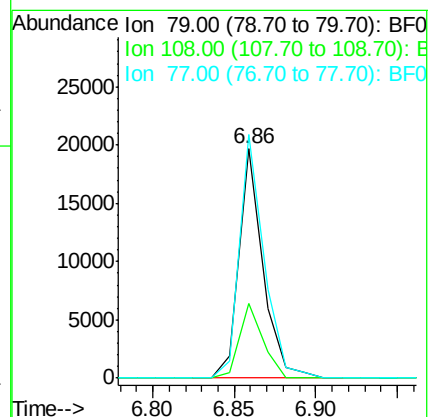
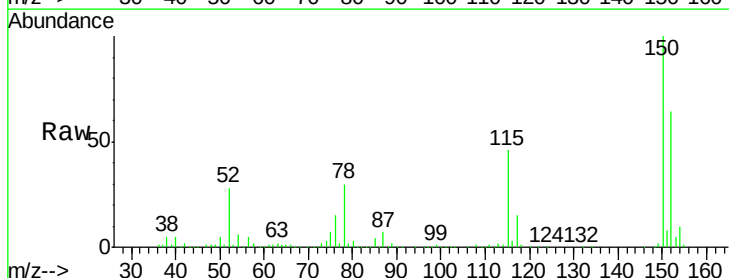
Tgt Ion: 79 Resp: 19730

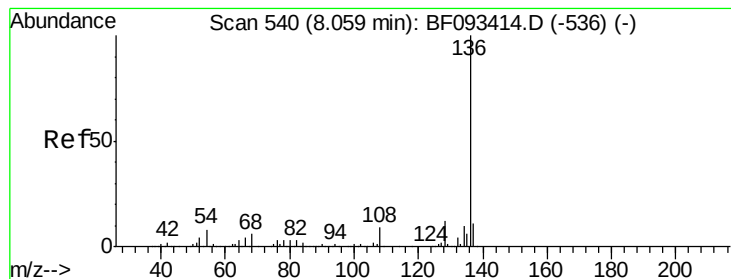
Ion Ratio Lower Upper

79 100

108 32.9 61.4 92.0#

77 106.4 50.9 76.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

Instrument :

BNA_F

ClientSampleId :

D-110

Tgt Ion:136 Resp: 692559

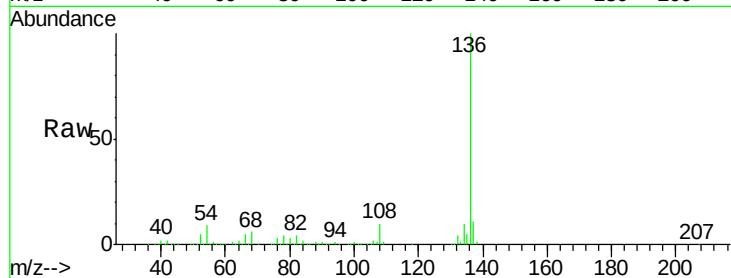
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.4 4.5 6.7#

68 6.5 3.6 5.4#

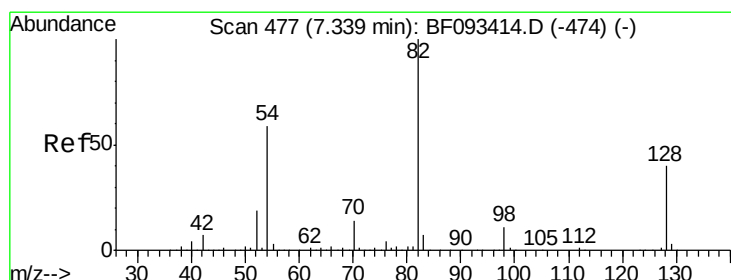
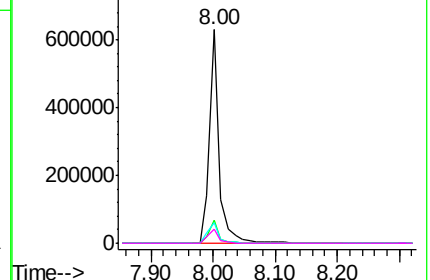
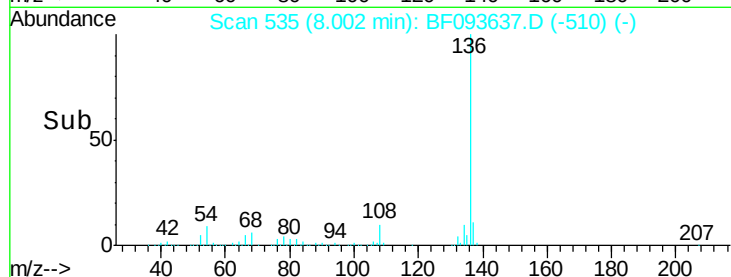


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 107.05 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

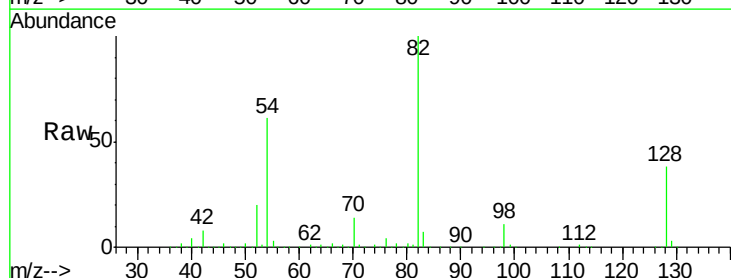
Tgt Ion: 82 Resp: 1336213

Ion Ratio Lower Upper

82 100

128 37.9 34.6 52.0

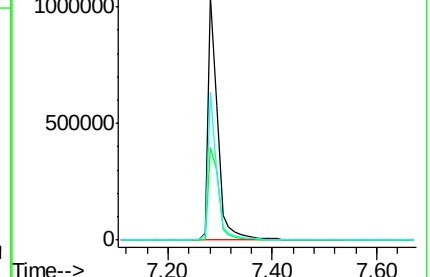
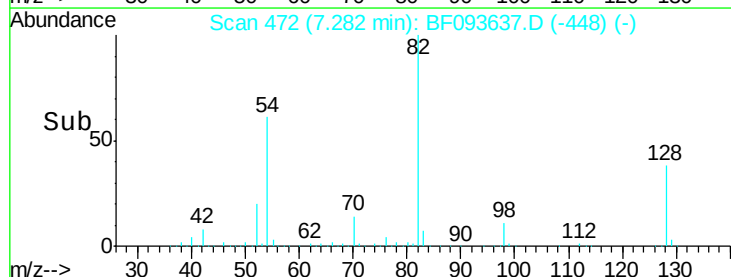
54 60.6 39.5 59.3#

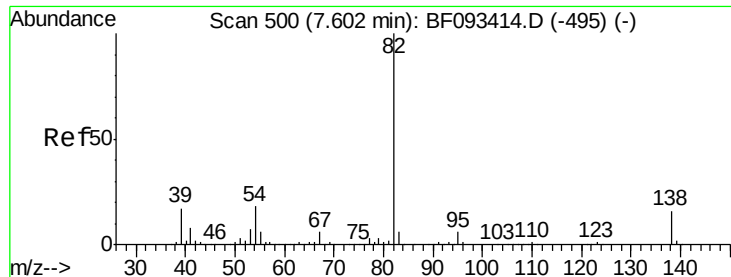


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 52.03 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

Instrument :

BNA_F

ClientSampled :

D-110

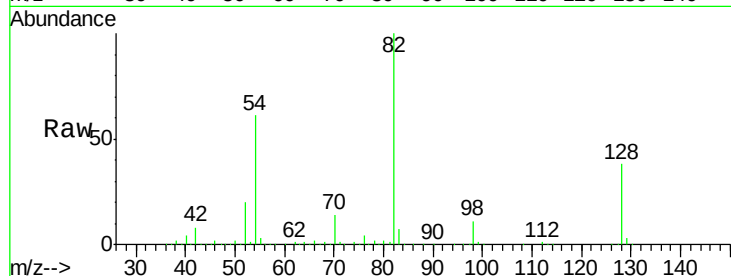
Tgt Ion: 82 Resp: 1309724

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

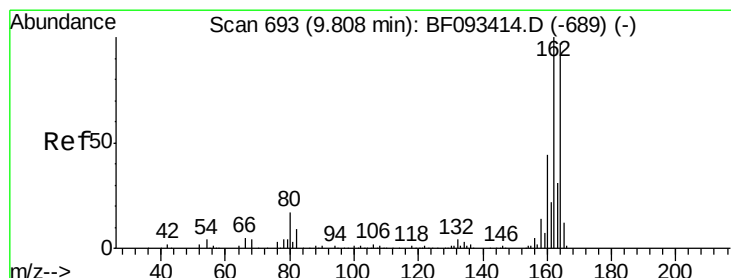
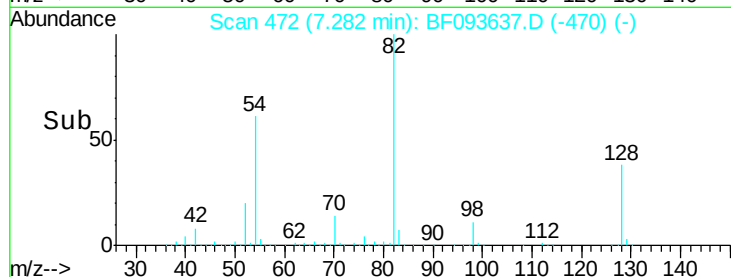
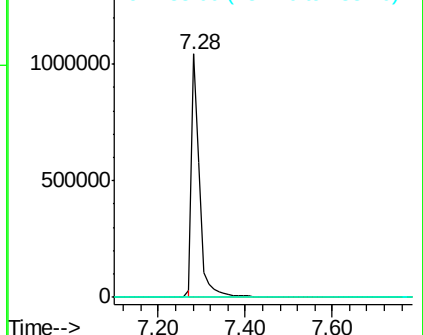
138 0.0 14.6 22.0#



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: 9.76 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

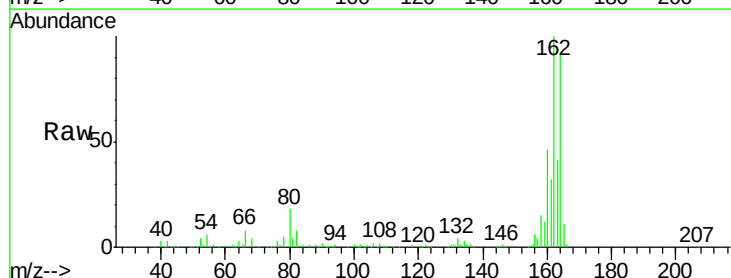
Tgt Ion: 164 Resp: 285819

Ion Ratio Lower Upper

164 100

162 108.8 80.2 120.2

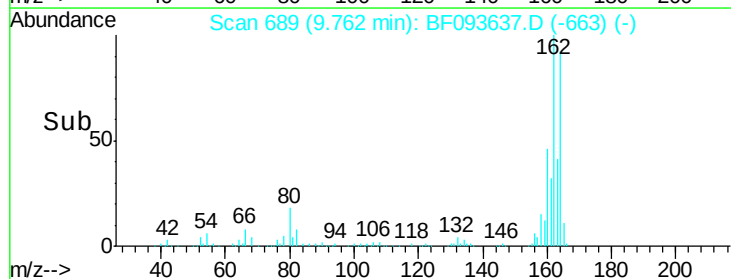
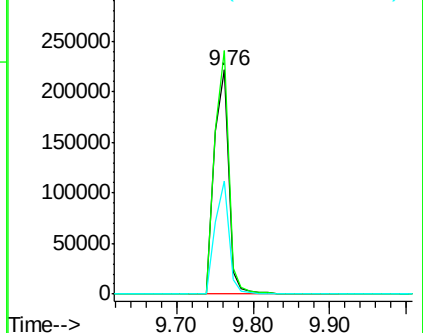
160 50.5 36.9 55.3

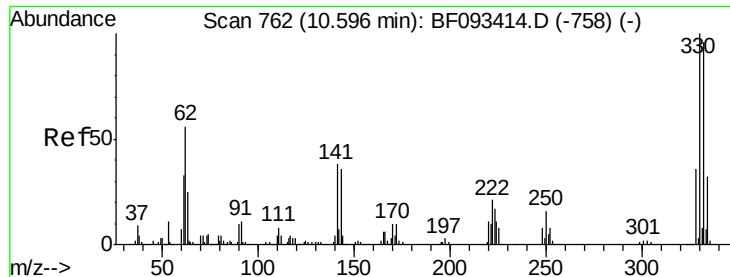


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

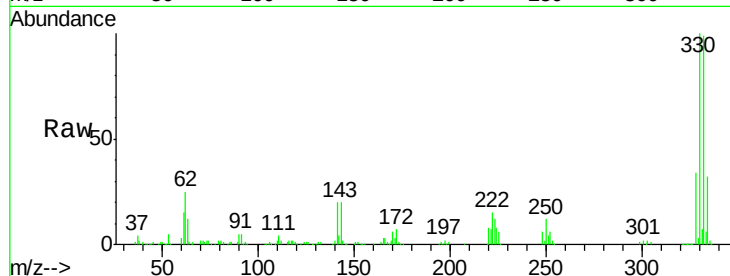




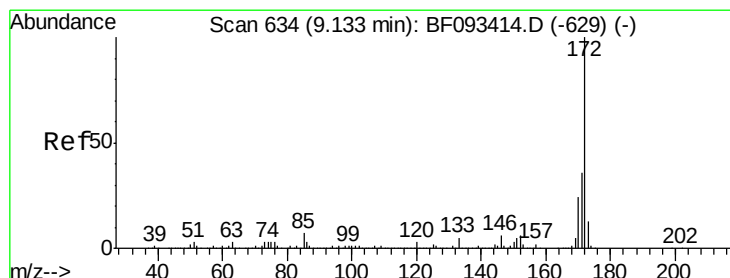
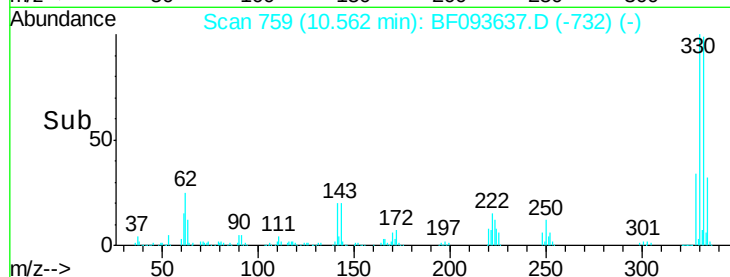
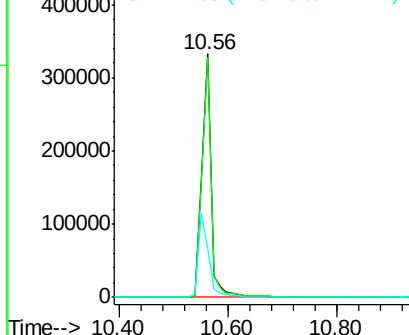
#41
 2,4,6-Tribromophenol
 Concen: 210.71 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093637.D
 Acq: 14 Mar 2017 5:16

Instrument :
 BNA_F
 ClientSampleId :
 D-110

Tgt Ion:330 Resp: 392370
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 37.8 34.1 51.1

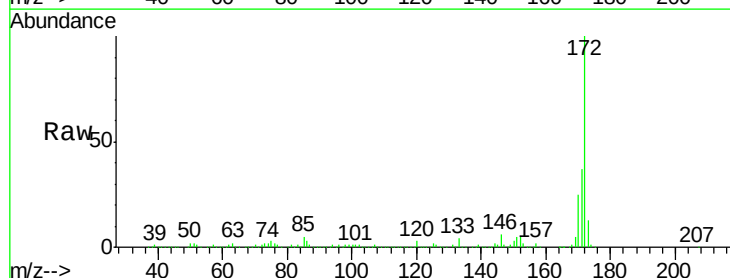


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

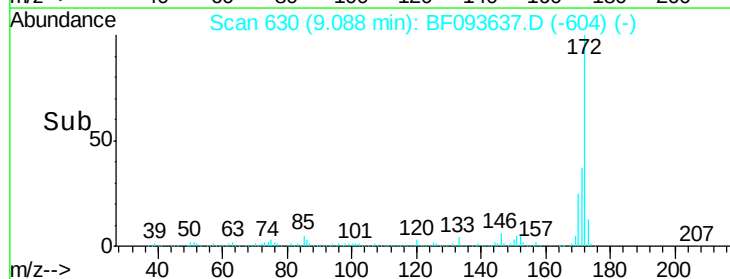
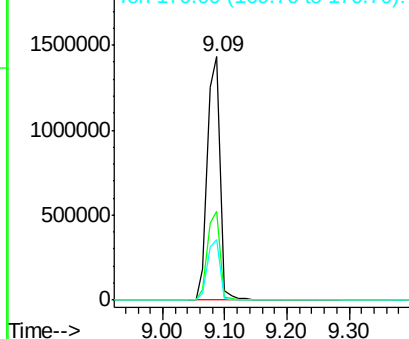


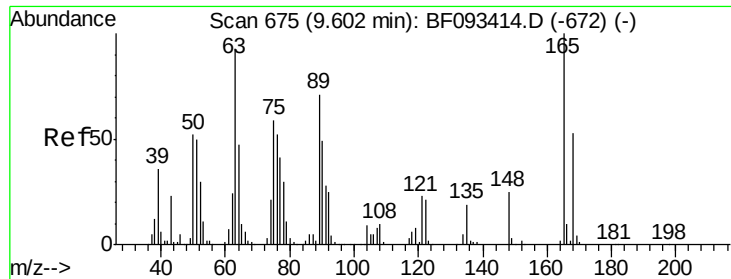
#44
 2-Fluorobiphenyl
 Concen: 133.61 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093637.D
 Acq: 14 Mar 2017 5:16

Tgt Ion:172 Resp: 2053041
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.8 20.2 30.4



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

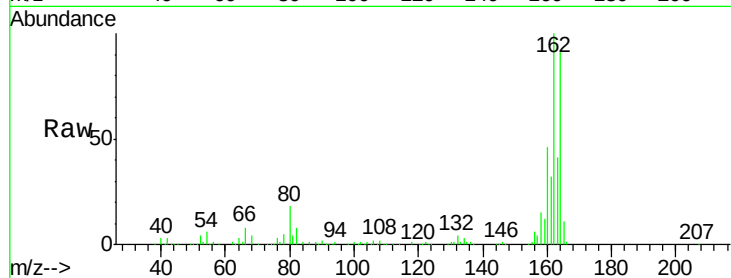




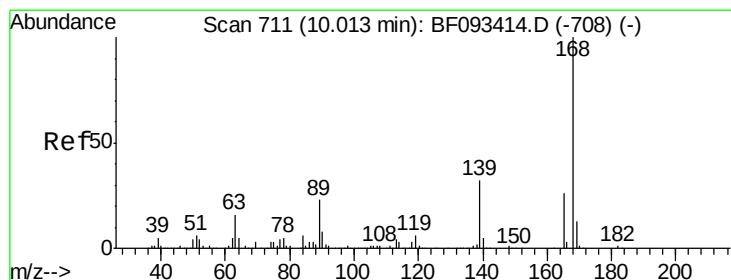
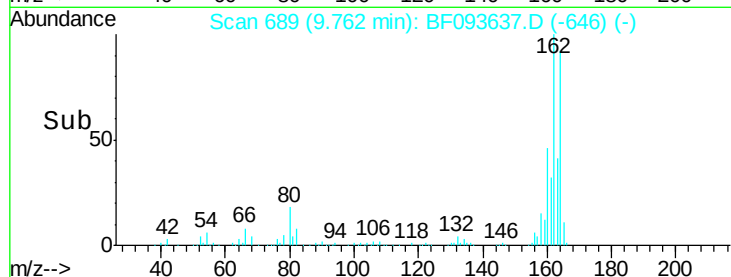
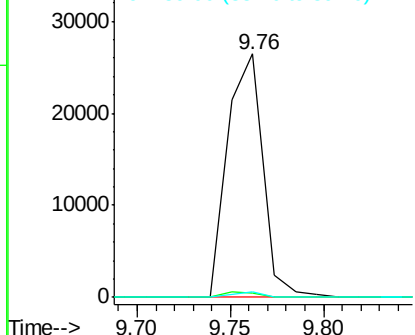
#50
 2,6-Dinitrotoluene
 Concen: 8.44 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093637.D
 Acq: 14 Mar 2017 5:16

Instrument :
 BNA_F
 ClientSampleId :
 D-110

Tgt Ion:165 Resp: 35107
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.2 54.4#
 89 2.4 40.2 60.4#

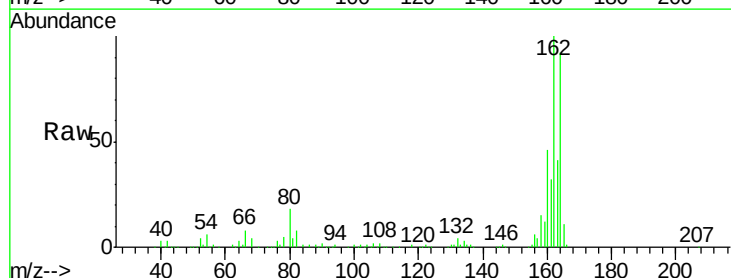


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

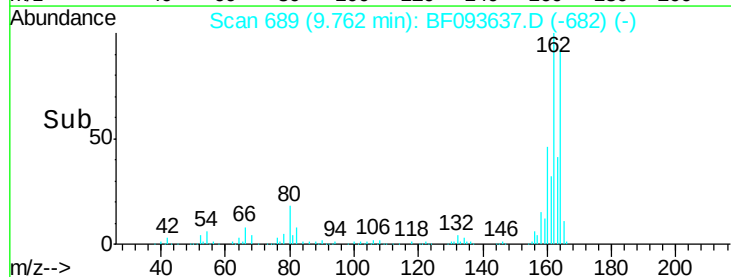
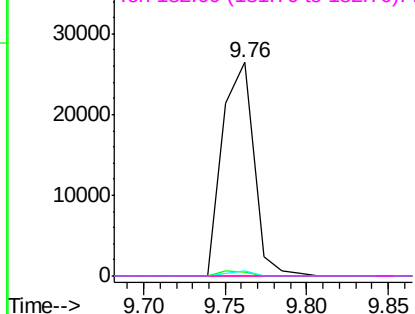


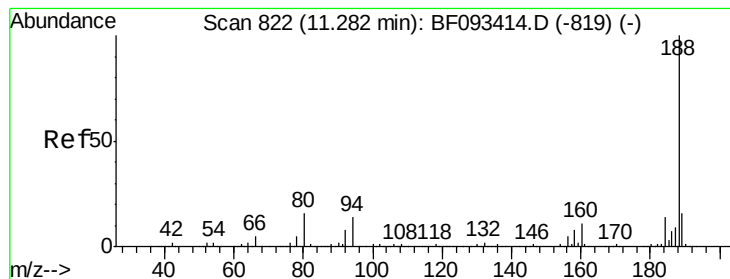
#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093637.D
 Acq: 14 Mar 2017 5:16

Tgt Ion:165 Resp: 35108
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.2 60.4#
 89 2.4 62.5 93.7#
 182 0.0 1.8 2.8#



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: 11.25 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

Instrument :

BNA_F

ClientSampleId :

D-110

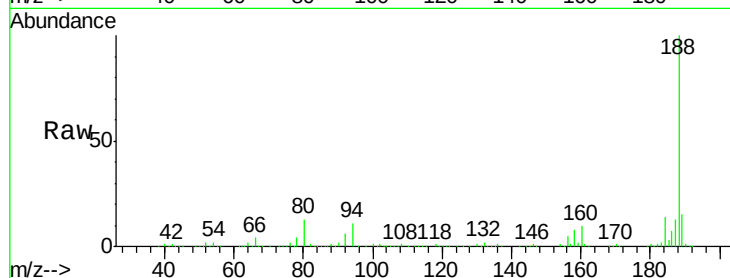
Tgt Ion:188 Resp: 621128

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

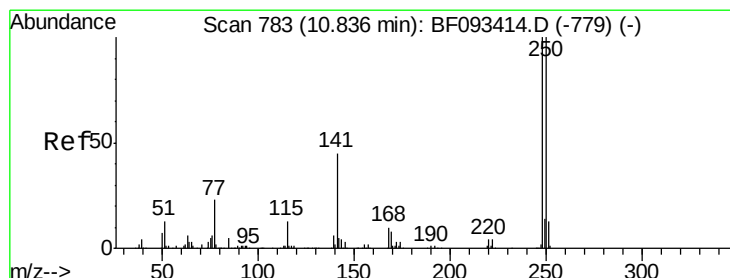
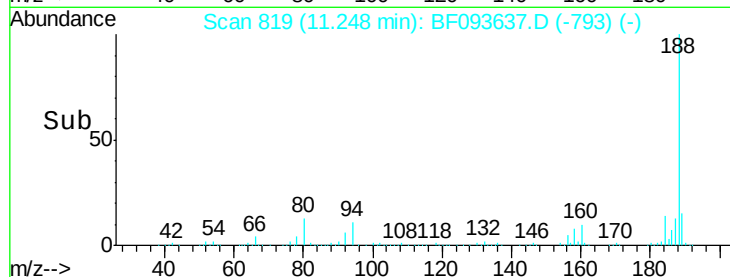
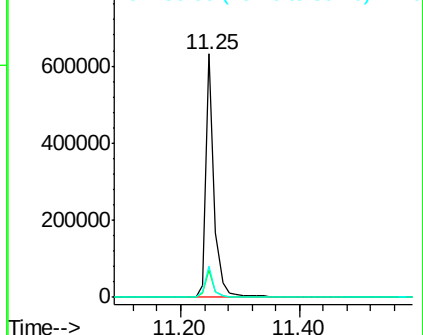
80 12.7 11.2 16.8



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: 4.29 ng

RT: 10.56 min Scan# 759

Delta R.T. -0.23 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

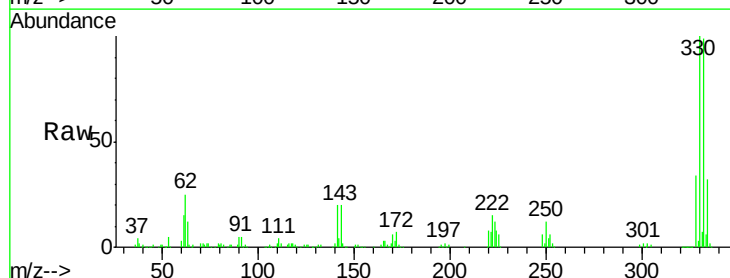
Tgt Ion:248 Resp: 28155

Ion Ratio Lower Upper

248 100

250 209.1 76.9 115.3#

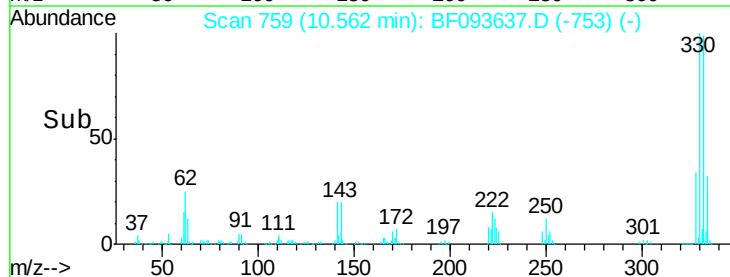
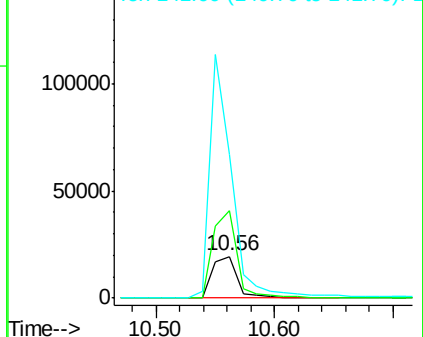
141 342.1 68.2 102.4#

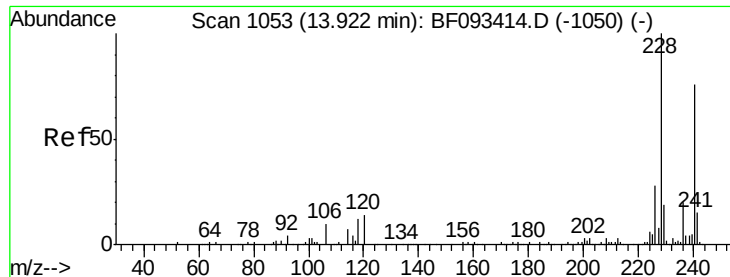


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

Instrument :

BNA_F

ClientSampleId :

D-110

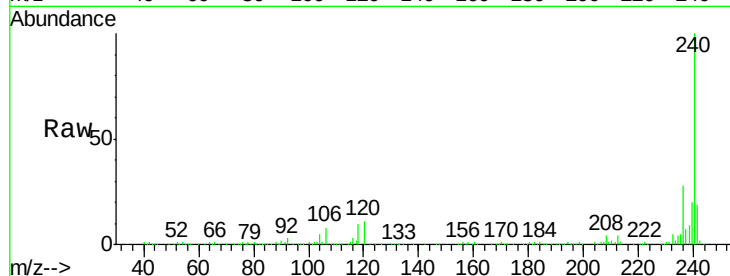
Tgt Ion:240 Resp: 371954

Ion Ratio Lower Upper

240 100

120 11.4 12.9 19.3#

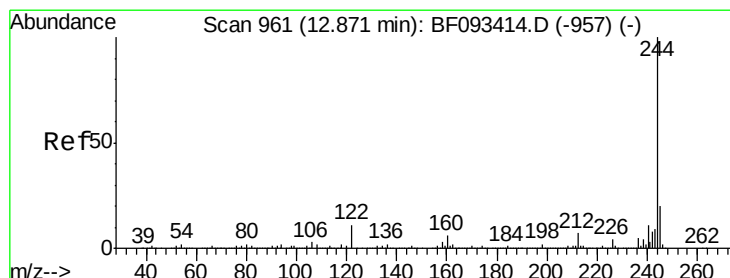
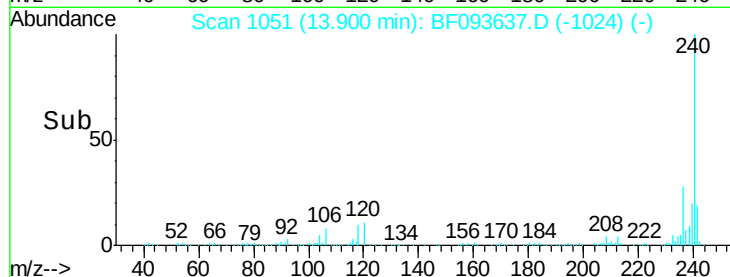
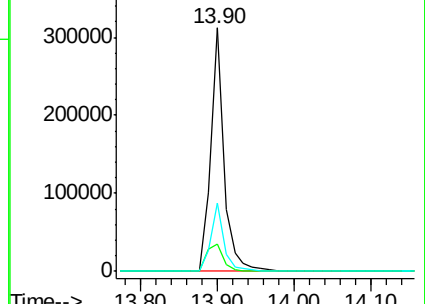
236 28.3 20.9 31.3



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: 114.68 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093637.D

Acq: 14 Mar 2017 5:16

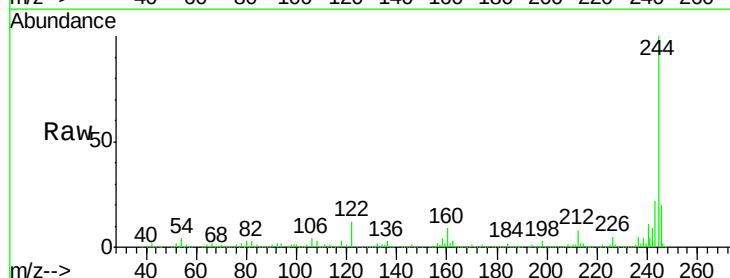
Tgt Ion:244 Resp: 1640693

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

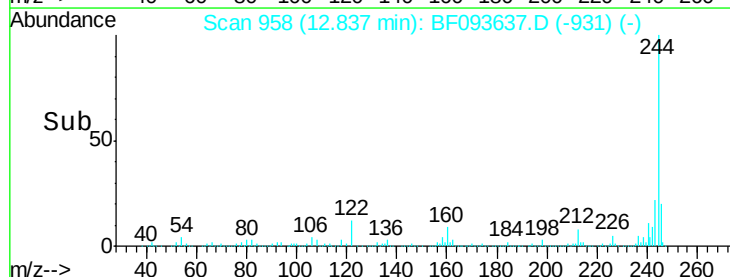
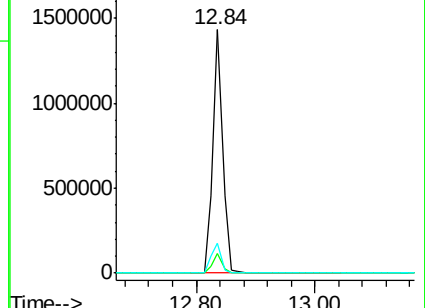
122 12.5 11.4 17.2

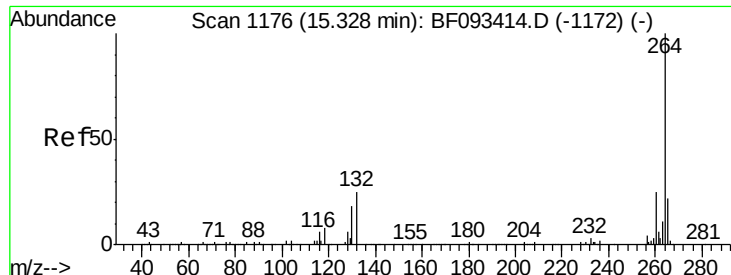


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

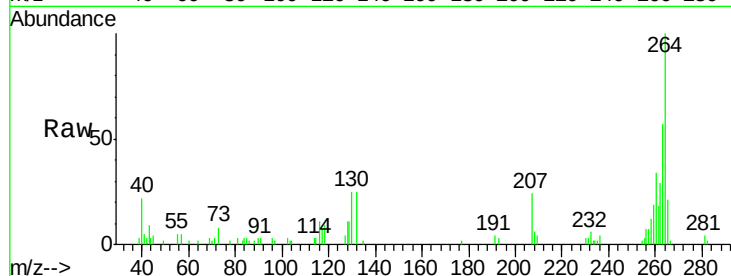




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. 0.03 min
Lab File: BF093637.D
Acq: 14 Mar 2017 5:16

Instrument :
BNA_F
ClientSampleId :
D-110

Tgt Ion: 264 Resp: 28434
Ion Ratio Lower Upper
264 100
260 34.0 19.2 28.8#
265 21.2 17.4 26.0



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

