

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093636.D
 Acq On : 14 Mar 2017 4:48
 Operator : SJ/MA
 Sample : I2199-28
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-107

Quant Time: Mar 14 06:08:18 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

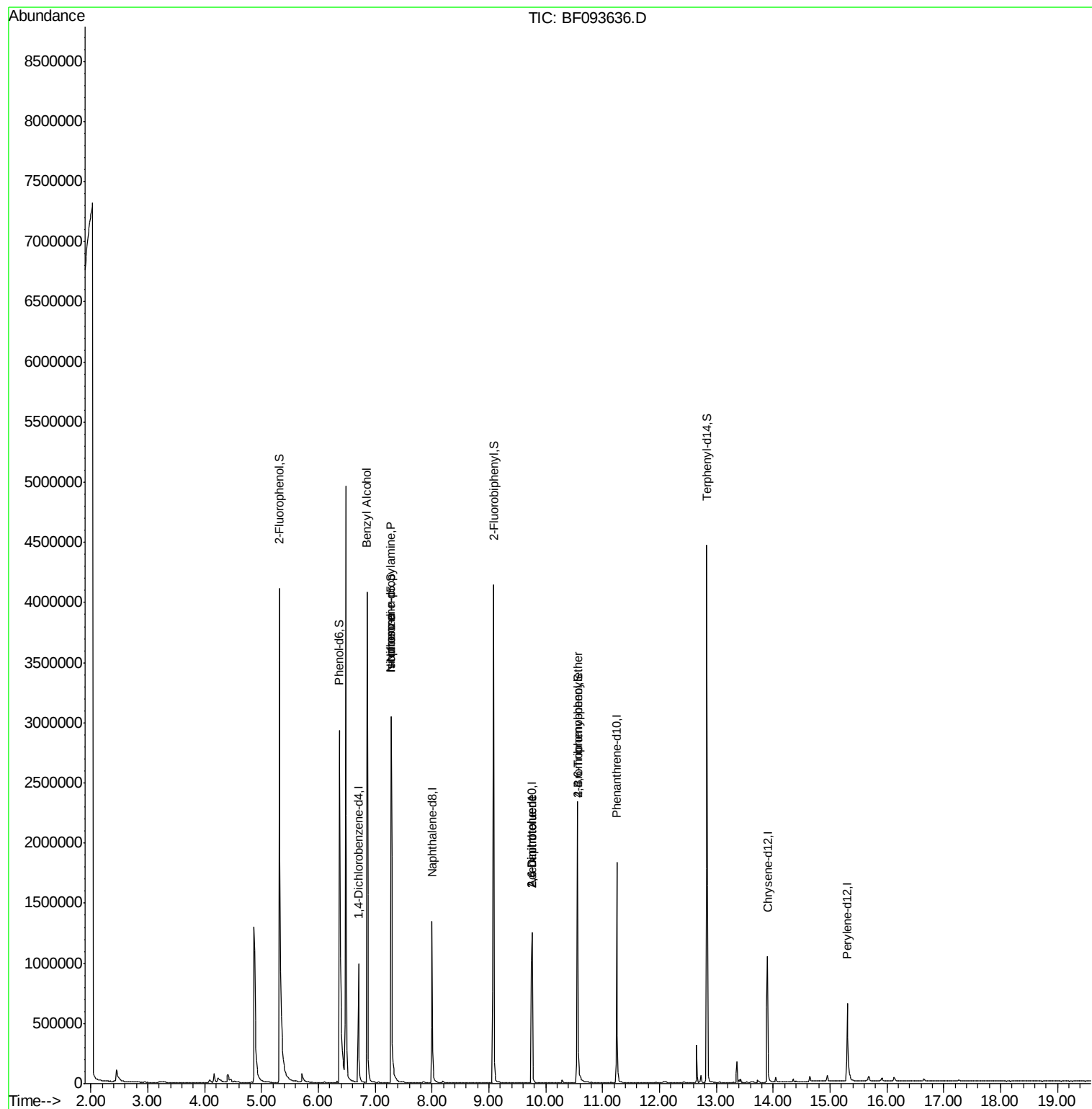
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	181011	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	737723	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	349579	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	685204	20.00	ng	0.00
75) Chrysene-d12	13.90	240	515062	20.00	ng	0.01
86) Perylene-d12	15.31	264	322270	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1701472	156.44	ng	0.00
7) Phenol-d6	6.37	99	2098918	153.04	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1367913	102.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	410597	180.28	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	2145842	114.18	ng	0.00
78) Terphenyl-d14	12.84	244	1774358	89.57	ng	0.01
Target Compounds						
9) Benzaldehyde	6.38	77	2960	Below Cal	#	28
15) Benzyl Alcohol	6.86	79	20400	2.09 ng	#	47
19) n-Nitroso-di-n-propylamine	7.28	70	183475	19.46 ng	#	84
25) Isophorone	7.28	82	1341507	50.03 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	43961	8.64 ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	43962	7.04 ng	#	21
66) 4-Bromophenyl-phenylether	10.56	248	31026	4.28 ng	#	1

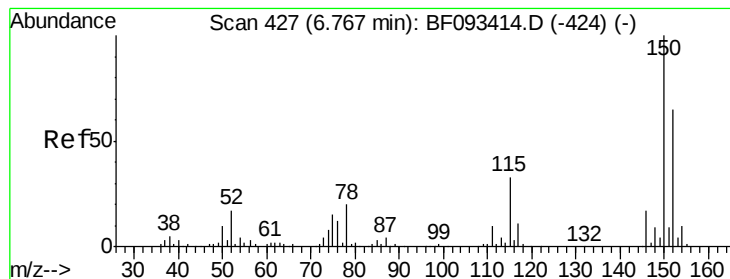
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093636.D

Acq: 14 Mar 2017 4:48

Instrument :

BNA_F

ClientSampled :

D-107

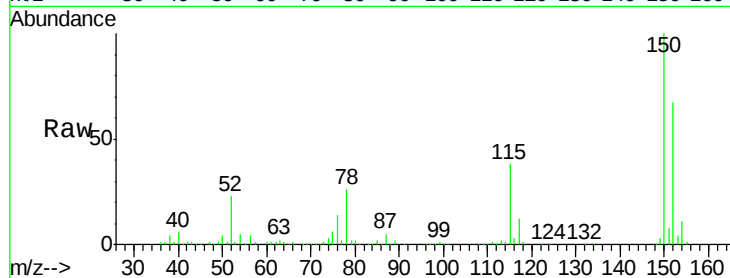
Tgt Ion:152 Resp: 181011

Ion Ratio Lower Upper

152 100

150 150.3 124.9 187.3

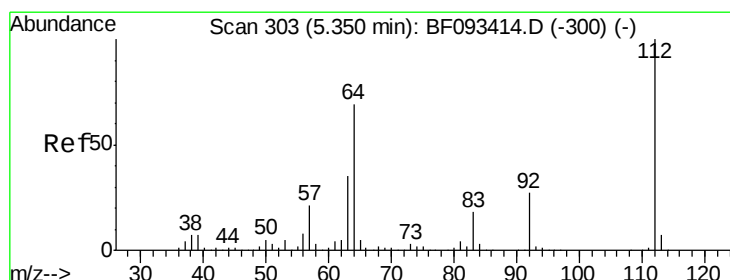
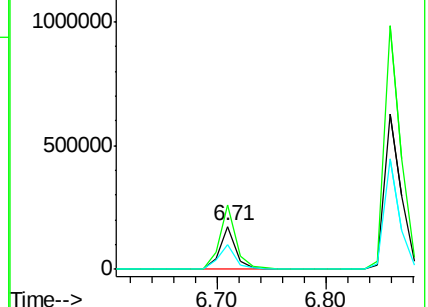
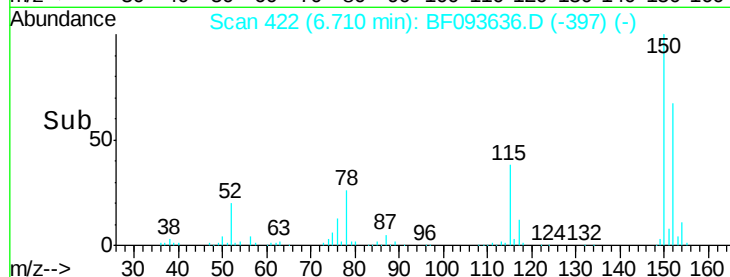
115 56.8 46.0 69.0



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: 156.44 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093636.D

Acq: 14 Mar 2017 4:48

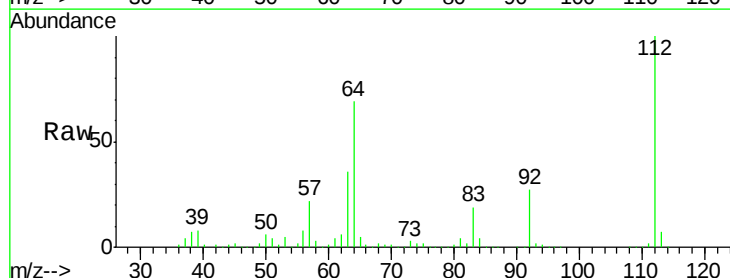
Tgt Ion:112 Resp: 1701472

Ion Ratio Lower Upper

112 100

64 69.2 46.1 69.1#

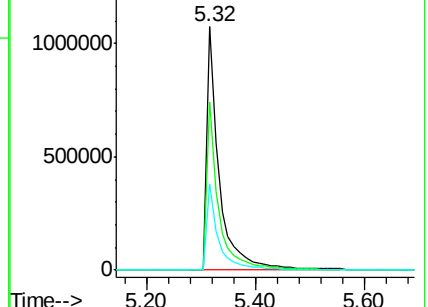
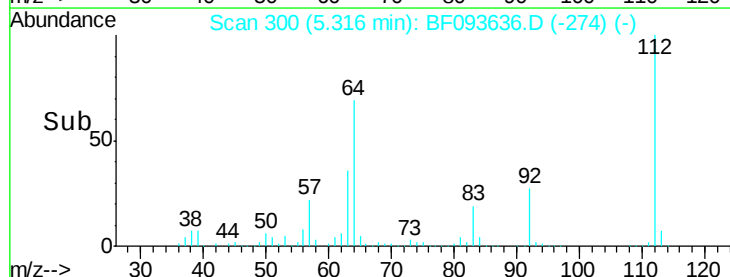
63 35.6 23.8 35.6

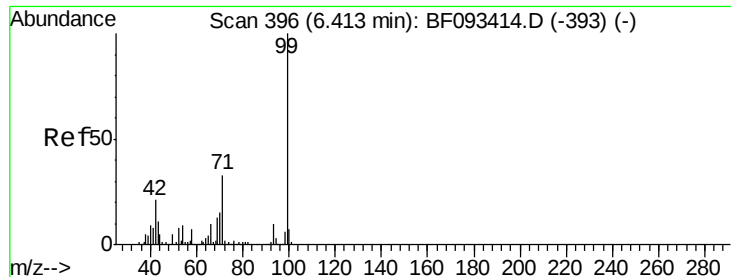


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.04 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093636.D

Acq: 14 Mar 2017 4:48

Instrument :

BNA_F

ClientSampleId :

D-107

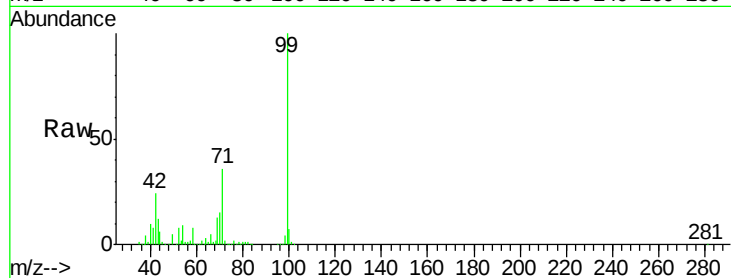
Tgt Ion: 99 Resp: 2098918

Ion Ratio Lower Upper

99 100

42 24.0 15.6 23.4#

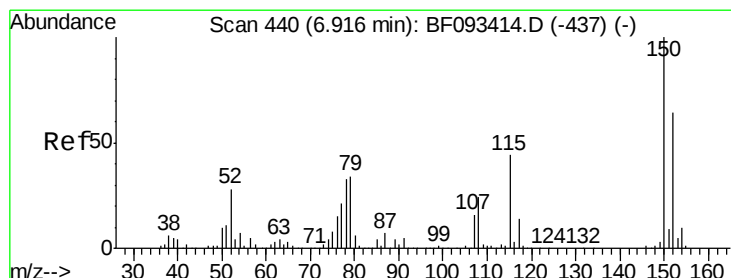
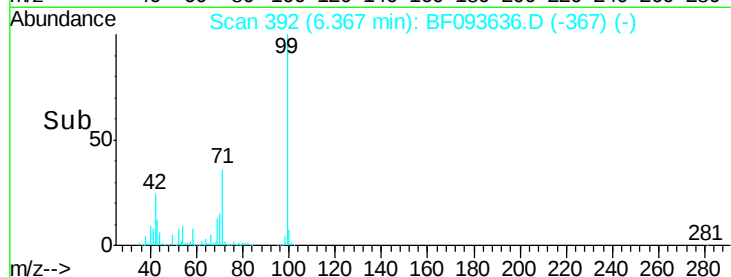
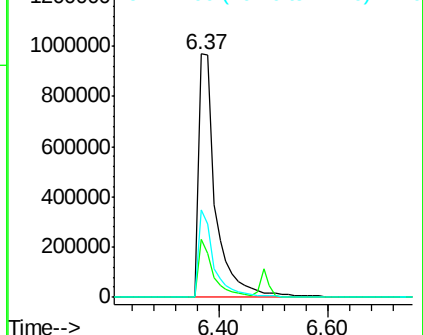
71 35.7 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093636.D

Acq: 14 Mar 2017 4:48

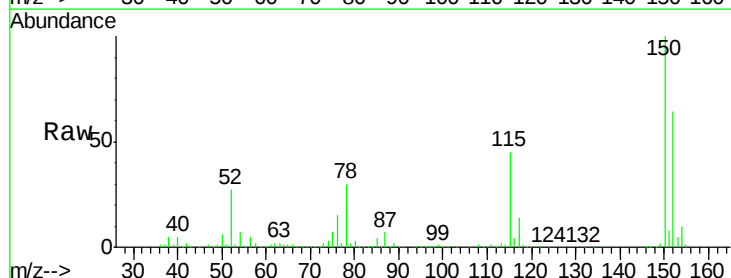
Tgt Ion: 79 Resp: 20400

Ion Ratio Lower Upper

79 100

108 30.1 61.4 92.0#

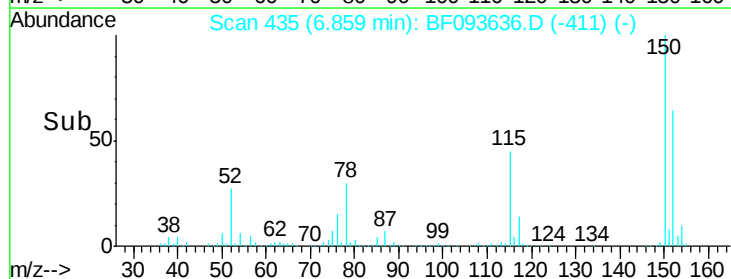
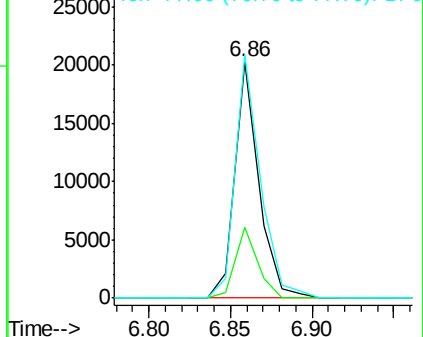
77 103.2 50.9 76.3#

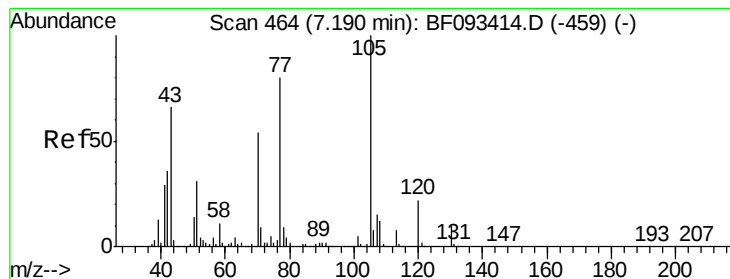


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 19.46 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093636.D

Acq: 14 Mar 2017 4:48

Instrument :

BNA_F

ClientSampleId :

D-107

Tgt Ion: 70 Resp: 183475

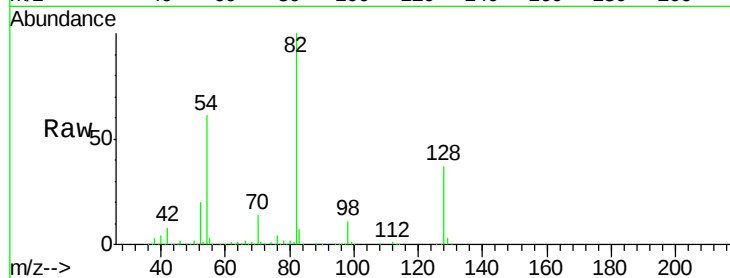
Ion Ratio Lower Upper

70 100

42 54.4 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

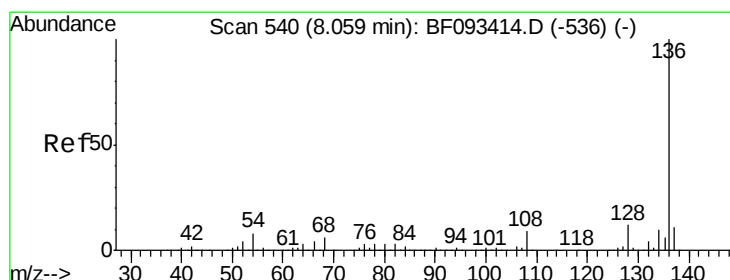
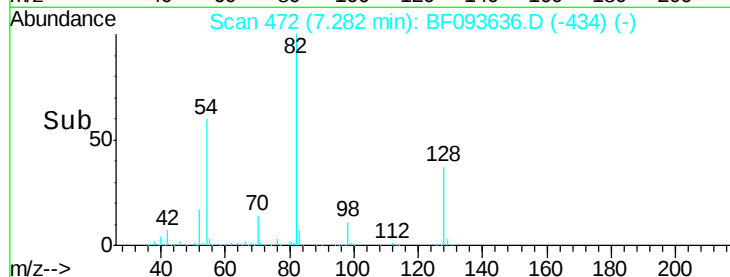
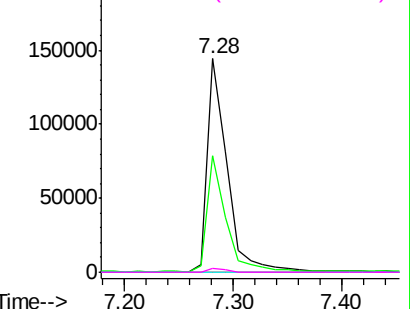


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093636.D

Acq: 14 Mar 2017 4:48

Tgt Ion: 136 Resp: 737723

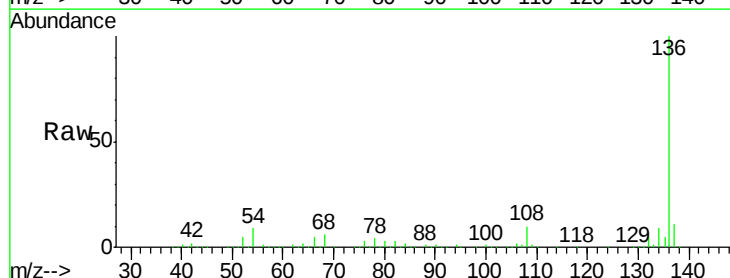
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.8 4.5 6.7#

68 6.3 3.6 5.4#

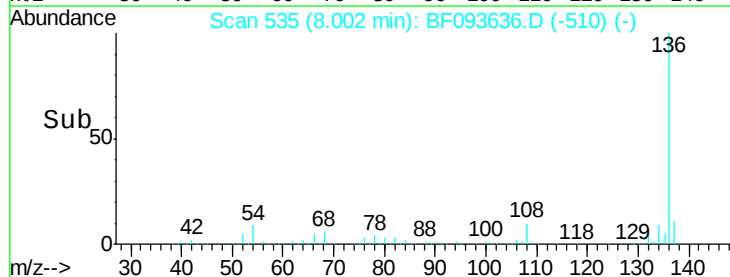
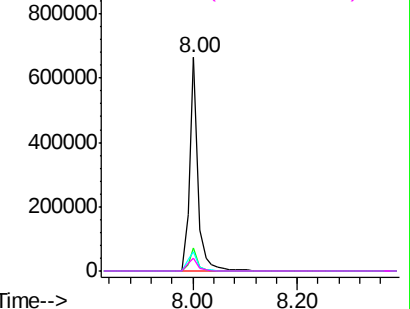


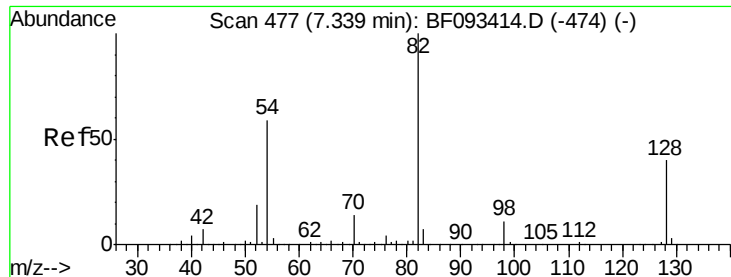
Abundance Ion 136.00 (135.70 to 136.70): E

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

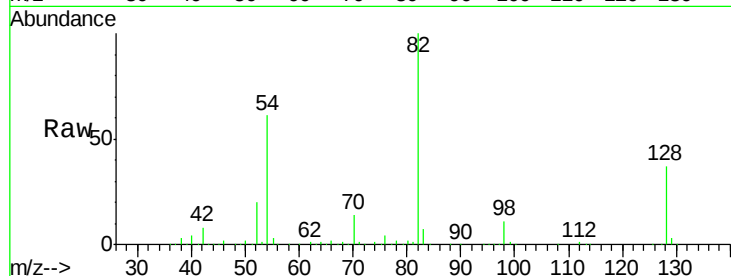




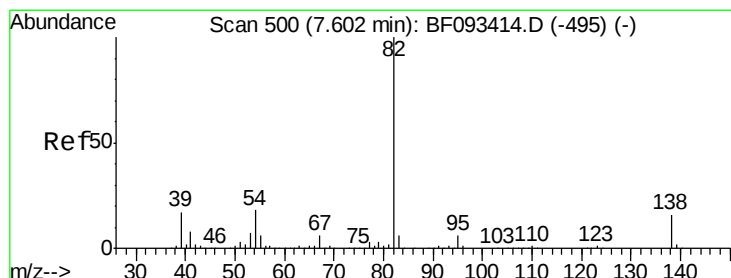
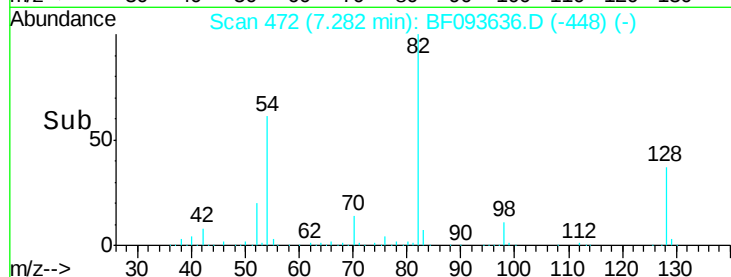
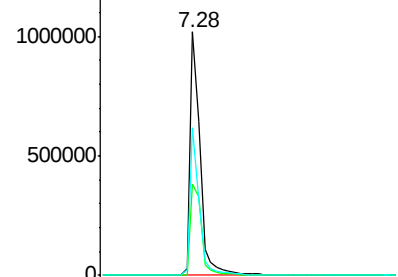
#23
 Nitrobenzene-d5
 Concen: 102.88 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Instrument :
 BNA_F
 ClientSampleID :
 D-107

Tgt Ion: 82 Resp: 1367913
 Ion Ratio Lower Upper
 82 100
 128 37.5 34.6 52.0
 54 60.5 39.5 59.3#

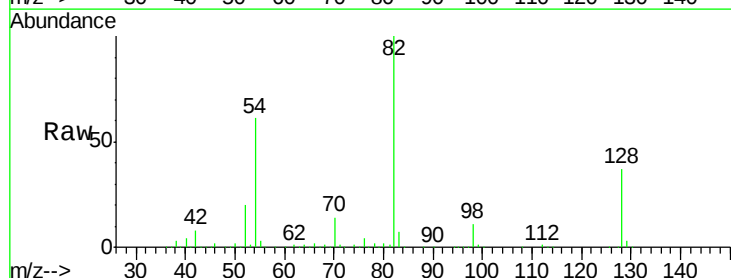


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

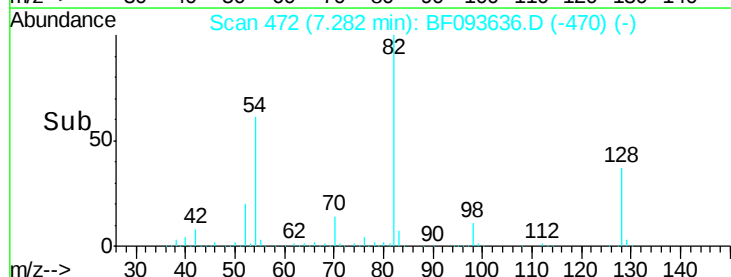
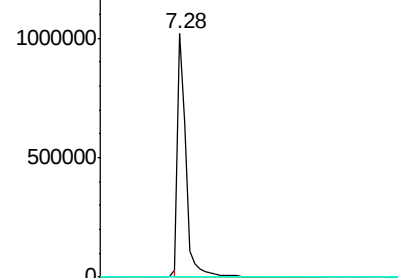


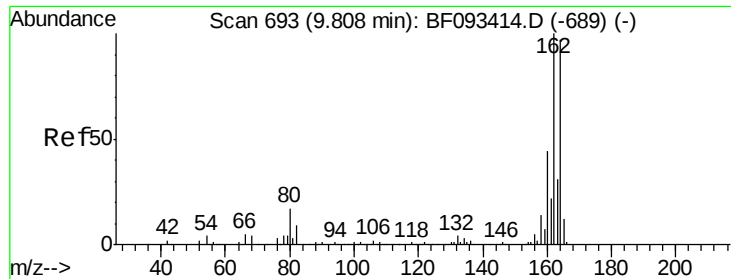
#25
 Isophorone
 Concen: 50.03 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Tgt Ion: 82 Resp: 1341507
 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

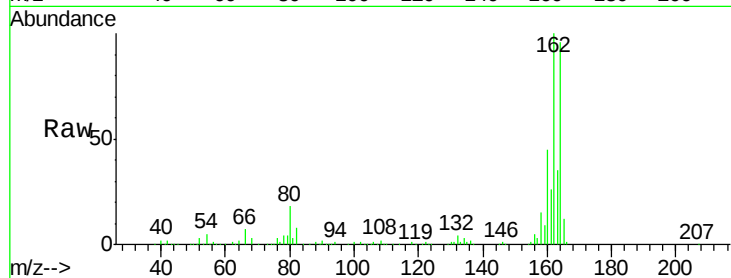




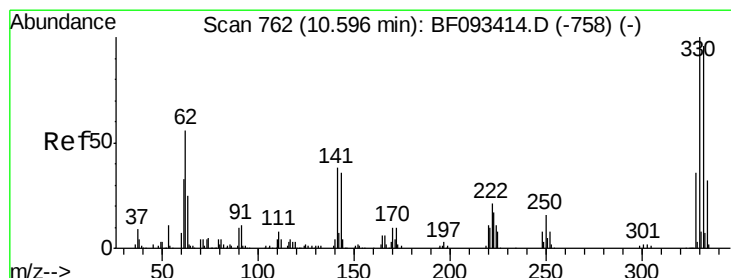
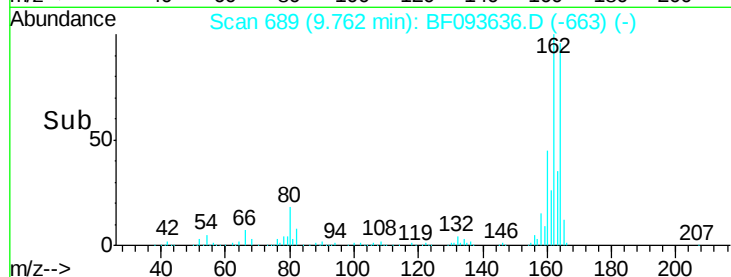
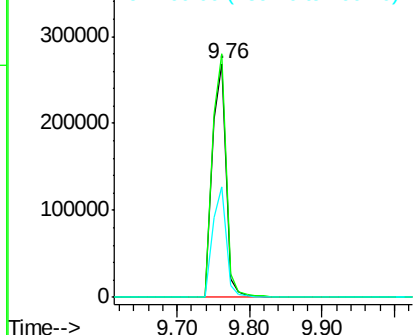
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Instrument :
 BNA_F
 ClientSampleId :
 D-107

Tgt Ion:164 Resp: 349579
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.2 120.2
 160 47.1 36.9 55.3

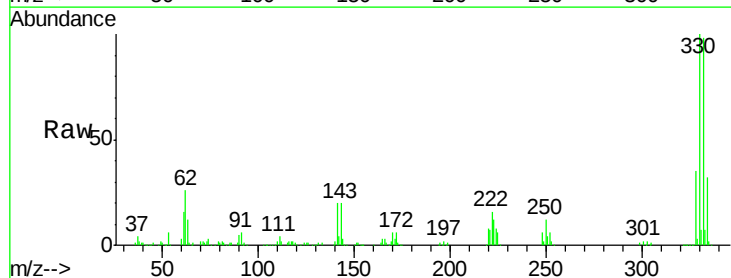


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

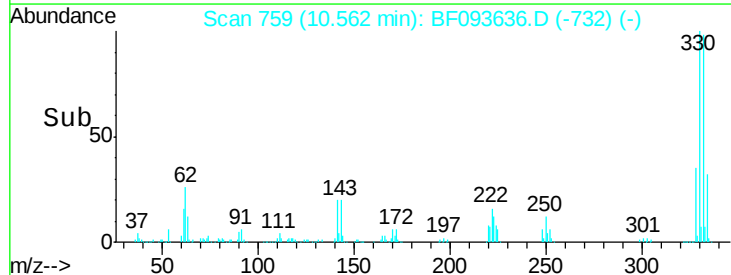
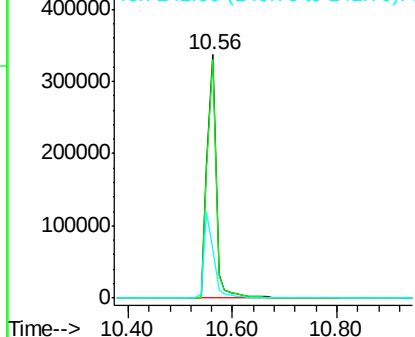


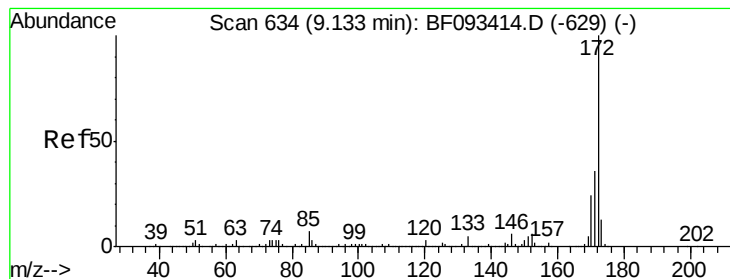
#41
 2,4,6-Tribromophenol
 Concen: 180.28 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Tgt Ion:330 Resp: 410597
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 37.2 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: 114.18 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF093636.D

Acq: 14 Mar 2017 4:48

Instrument :

BNA_F

ClientSampleId :

D-107

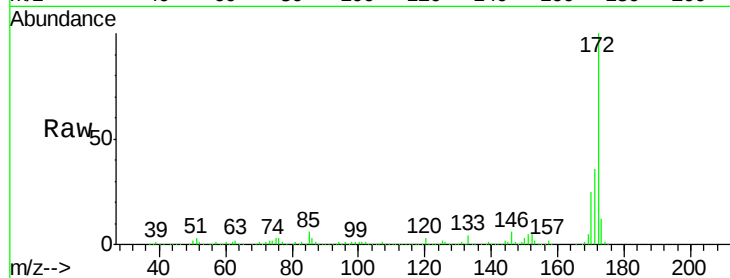
Tgt Ion:172 Resp: 2145842

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

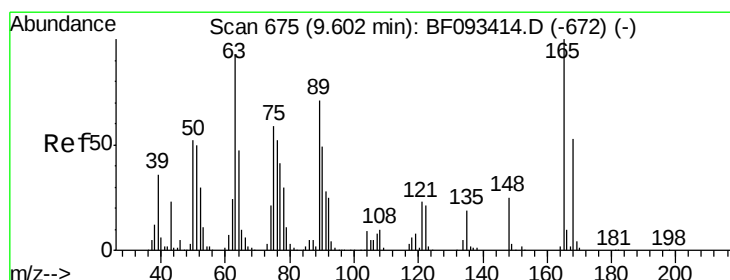
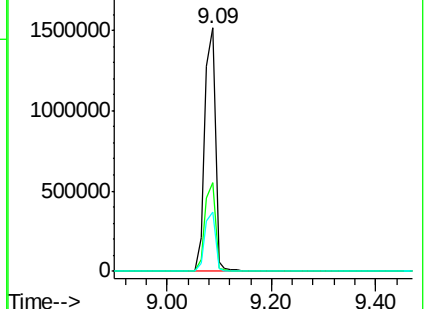
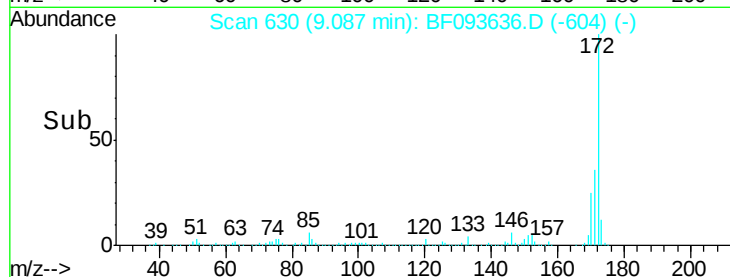
170 24.5 20.2 30.4



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: 8.64 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.19 min

Lab File: BF093636.D

Acq: 14 Mar 2017 4:48

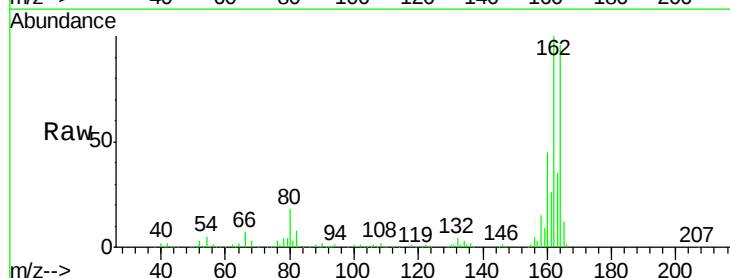
Tgt Ion:165 Resp: 43961

Ion Ratio Lower Upper

165 100

63 1.4 36.2 54.4#

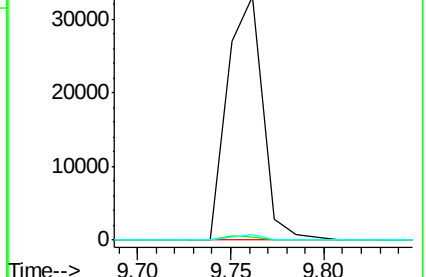
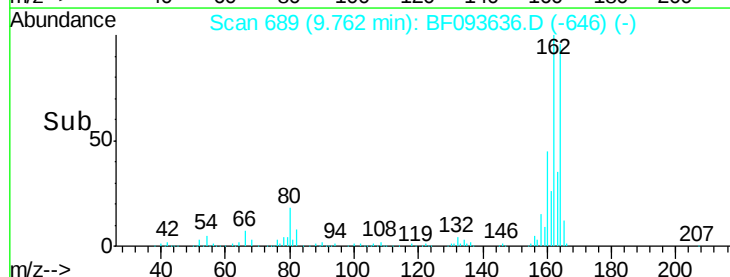
89 2.3 40.2 60.4#

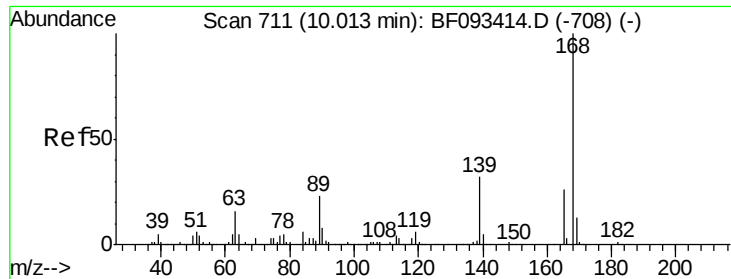


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

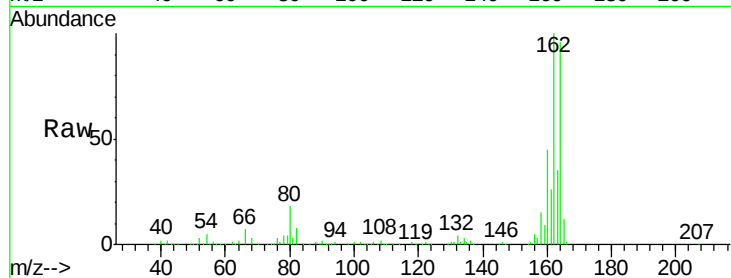




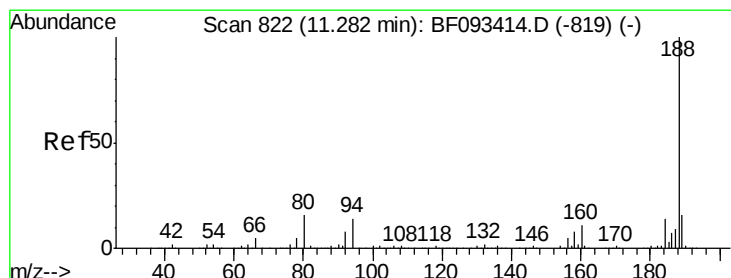
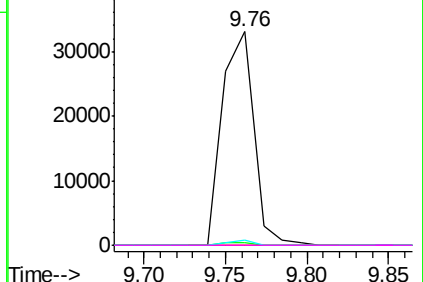
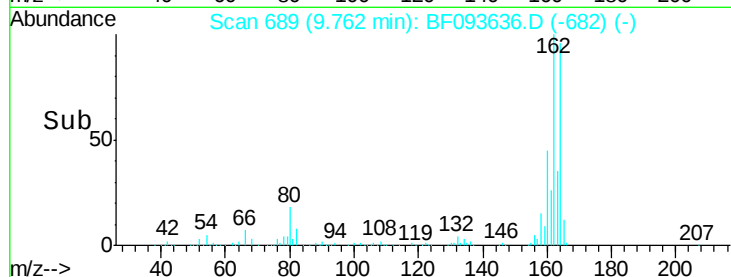
#56
 2,4-Dinitrotoluene
 Concen: 7.04 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Instrument :
 BNA_F
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Tgt Ion:165 Resp: 43962
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 2.3 62.5 93.7#
 182 0.0 1.8 2.8#

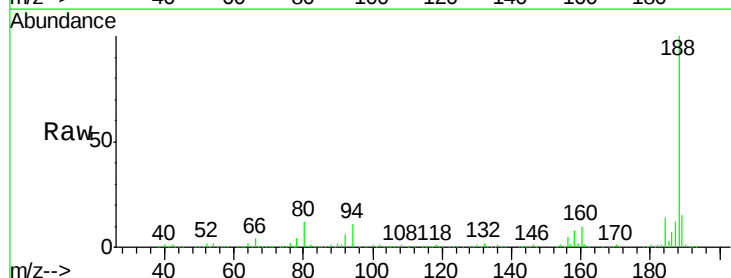


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

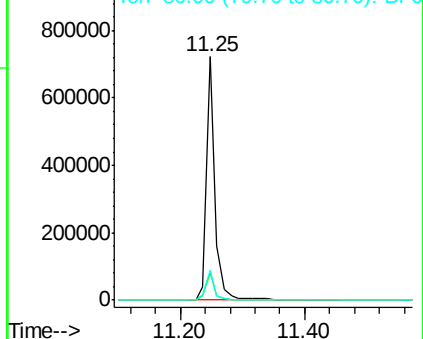
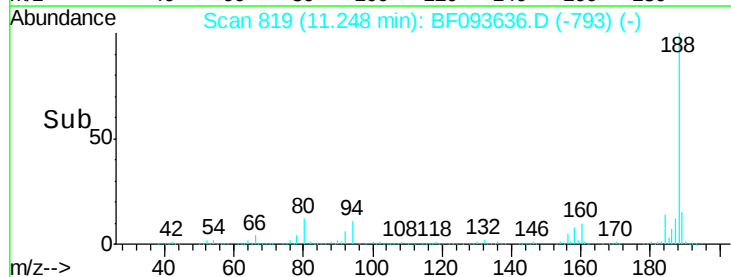


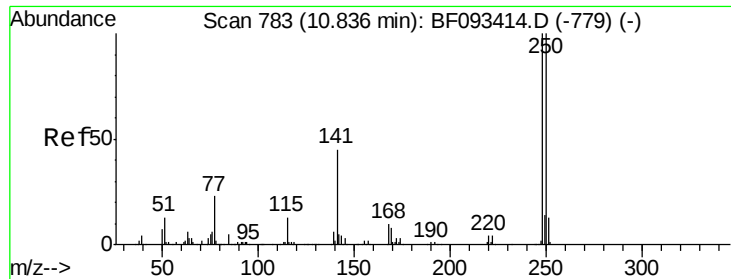
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Tgt Ion:188 Resp: 685204
 Ion Ratio Lower Upper
 188 100
 94 11.4 10.0 15.0
 80 12.2 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

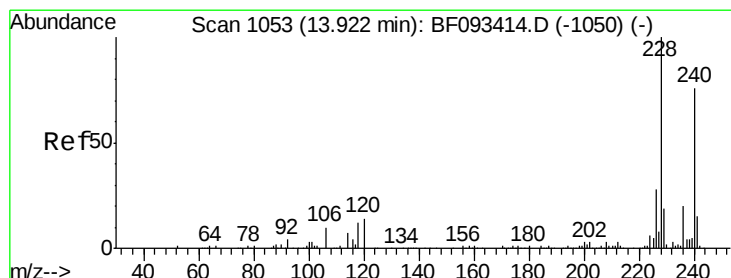
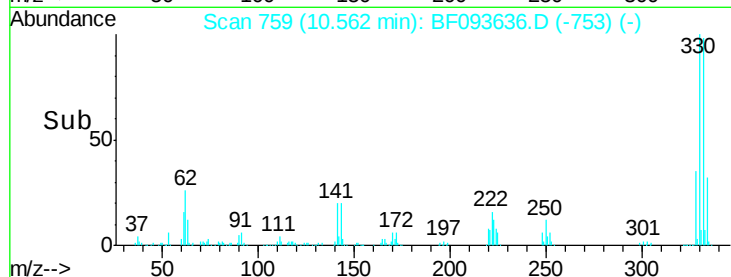
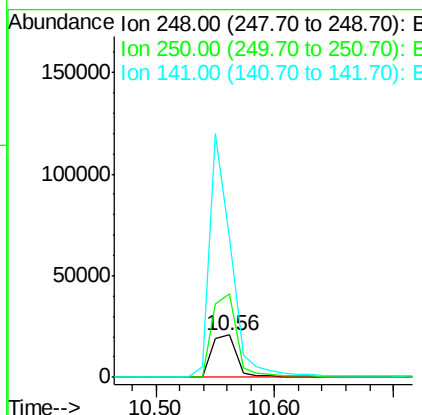
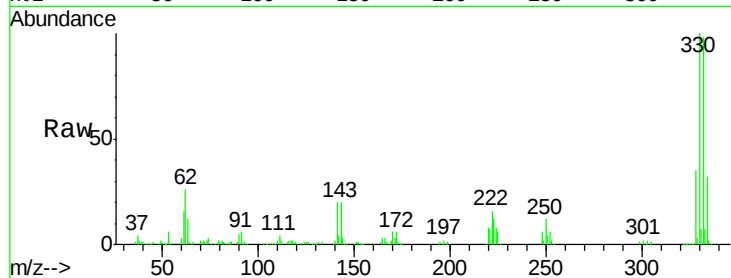




#66
 4-Bromophenyl-phenylether
 Concen: 4.28 ng
 RT: 10.56 min Scan# 759
 Delta R.T. -0.23 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

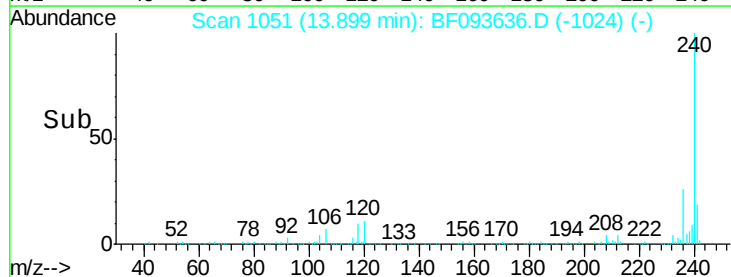
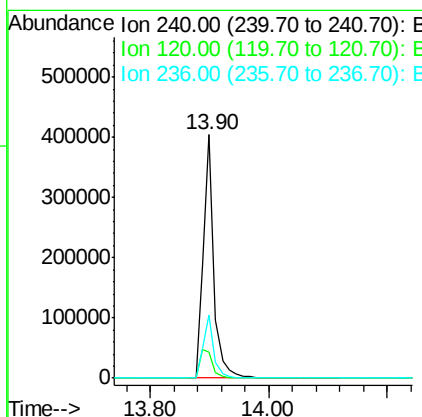
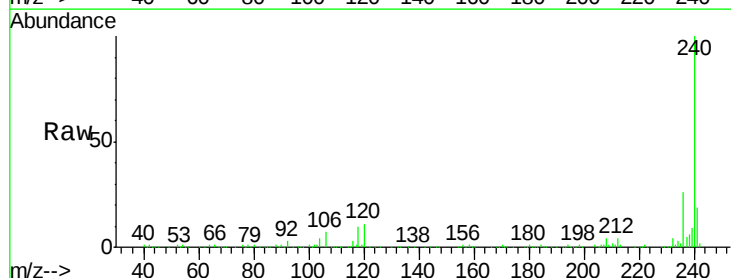
Instrument :
 BNA_F
 ClientSampleId :
 D-107

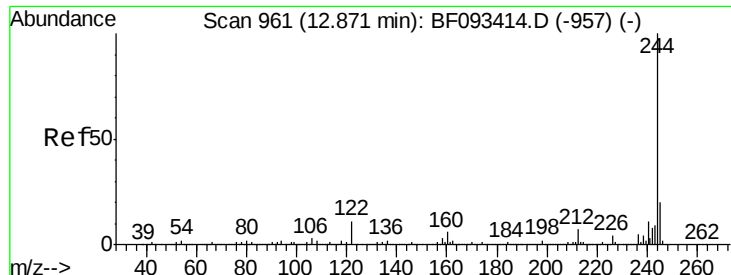
Tgt Ion:248 Resp: 31026
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.9 115.3#
 141 327.6 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Tgt Ion:240 Resp: 515062
 Ion Ratio Lower Upper
 240 100
 120 10.8 12.9 19.3#
 236 25.9 20.9 31.3

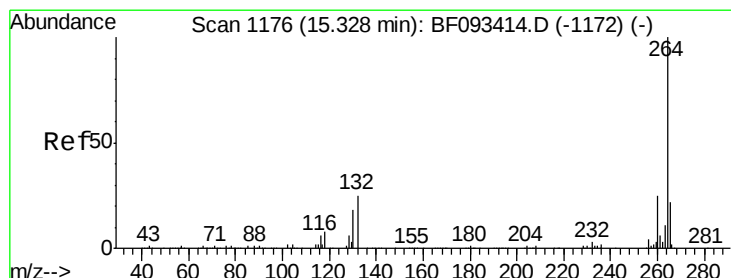
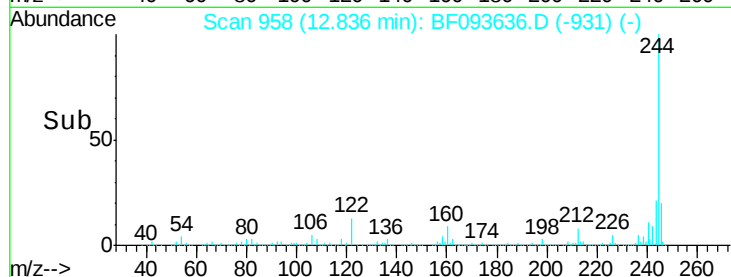
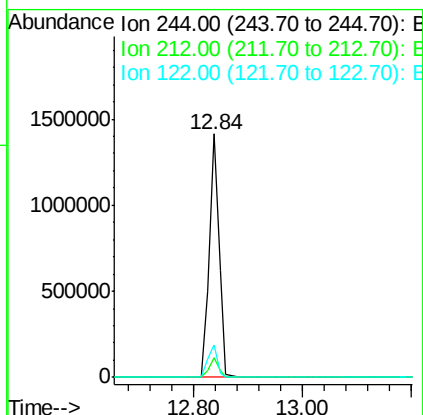
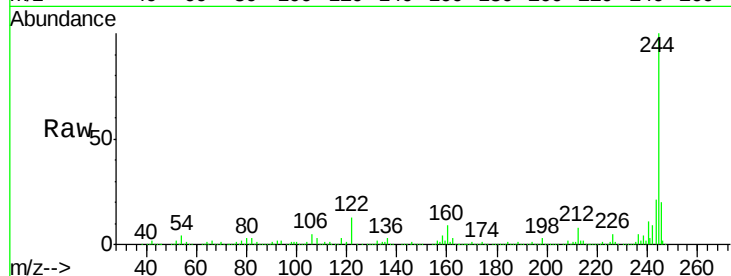




#78
 Terphenyl-d14
 Concen: 89.57 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Instrument :
 BNA_F
 ClientSampleId :
 D-107

Tgt Ion:244 Resp: 1774358
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093636.D
 Acq: 14 Mar 2017 4:48

Tgt Ion:264 Resp: 322270
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.4 26.0

