

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031817\
 Data File : BF093750.D
 Acq On : 18 Mar 2017 13:33
 Operator : SJ/MA
 Sample : I2263-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Quant Time: Mar 20 01:07:30 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

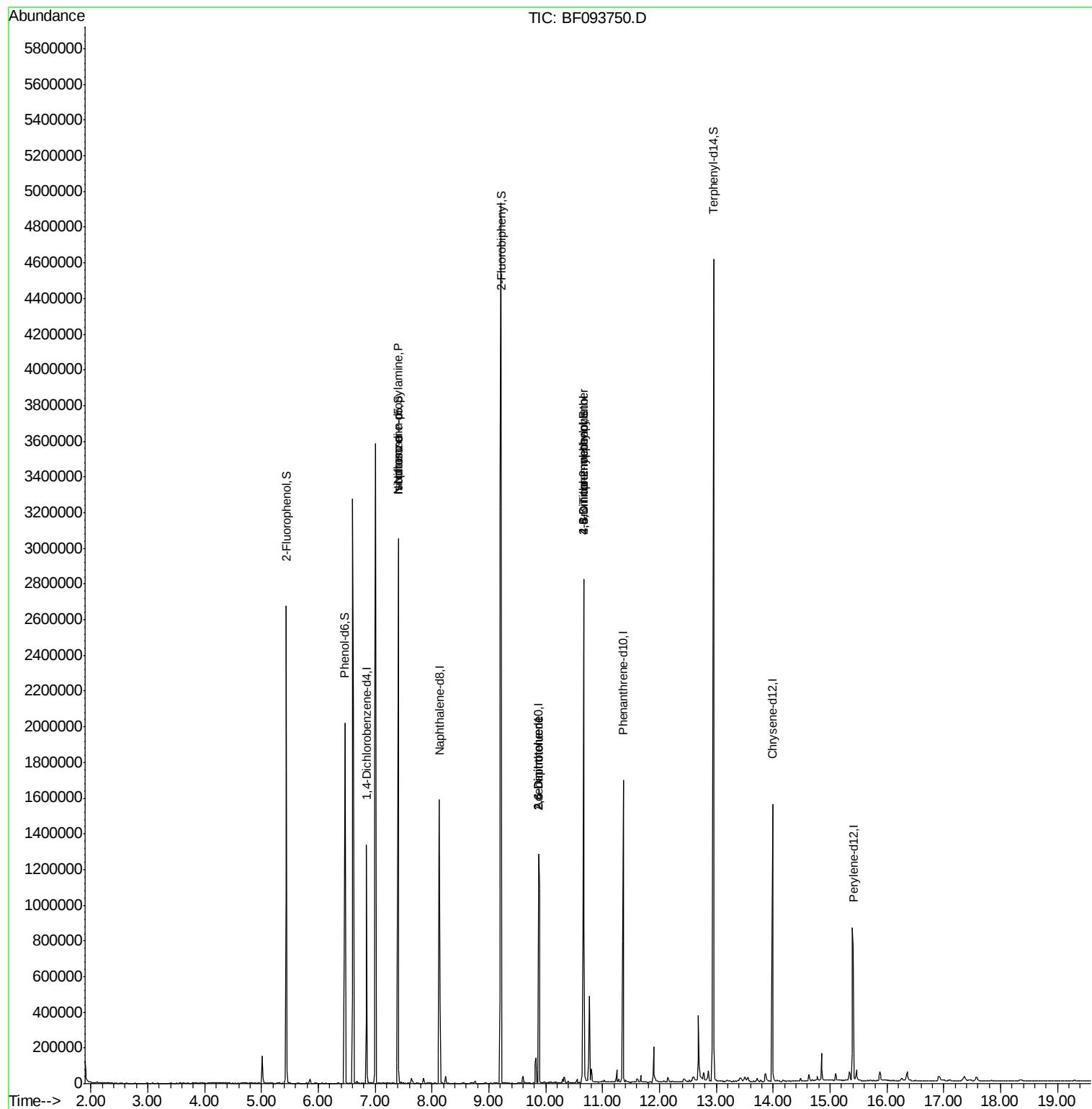
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	201057	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	754608	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	360897	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	684842	20.00	ng	0.00
75) Chrysene-d12	13.99	240	597259	20.00	ng	-0.01
86) Perylene-d12	15.41	264	447153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	776222	64.37	ng	0.00
7) Phenol-d6	6.47	99	700118	46.84	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1074187	85.44	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	385491	163.21	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2024846	105.87	ng	0.00
78) Terphenyl-d14	12.95	244	1595385	57.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	1378	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	145903	14.70	ng	# 80
25) Isophorone	7.41	82	1048908	43.34	ng	# 67
50) 2,6-Dinitrotoluene	9.88	165	45737	8.98	ng	# 33
56) 2,4-Dinitrotoluene	9.88	165	45728	6.75	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.66	198	680	4.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	24841	3.84	ng	# 1

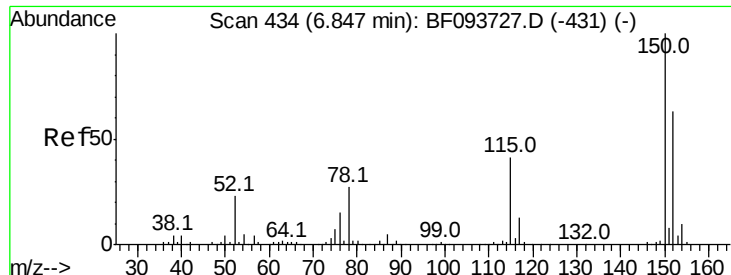
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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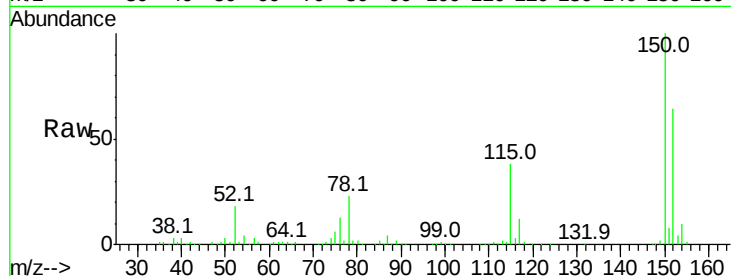


#1

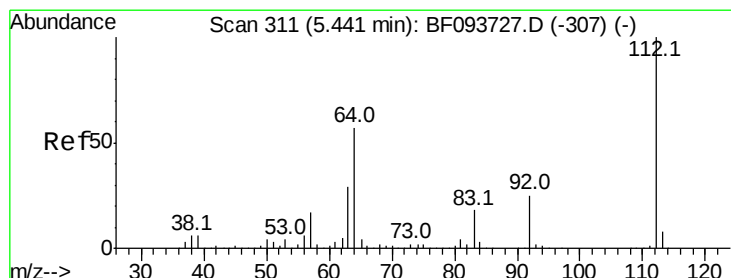
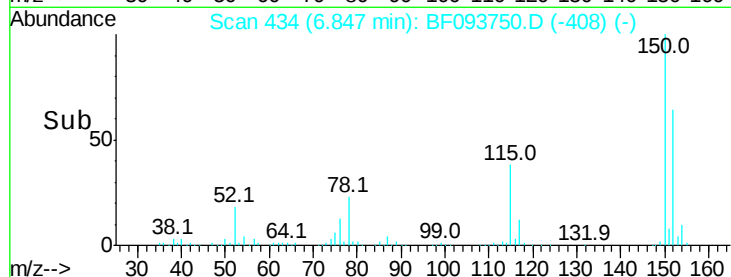
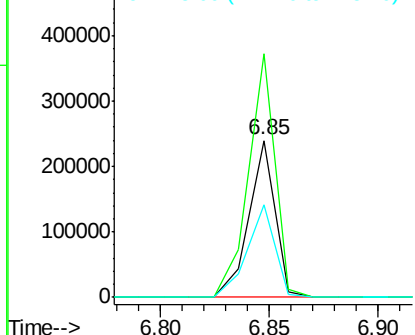
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093750.D
Acq: 18 Mar 2017 13:33

Instrument :
BNA_F
ClientSampleId :
MW-102D

Tot Ion:152 Resp: 201057
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.2
115 59.0 52.2 78.2



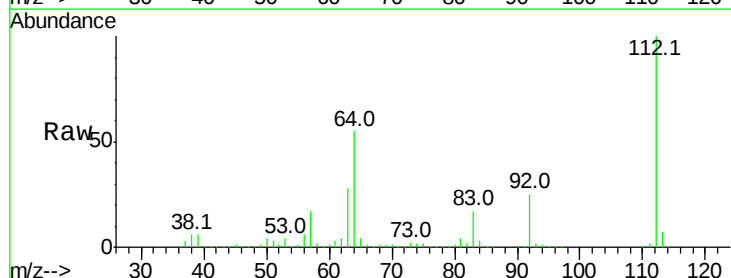
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



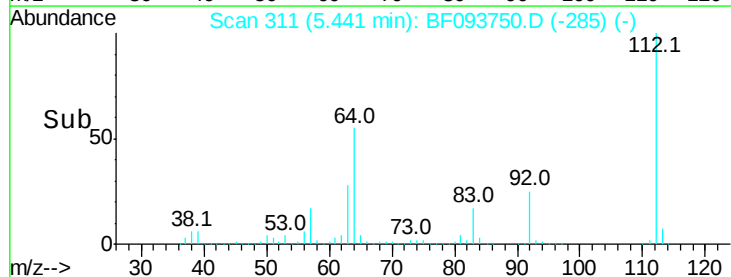
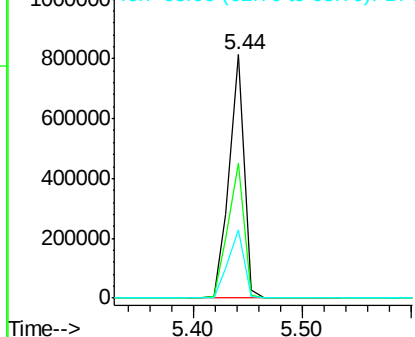
#5

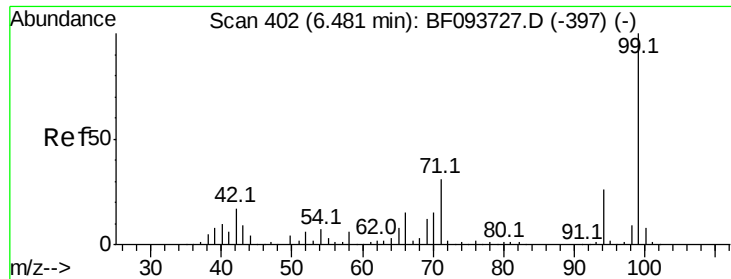
2-Fluorophenol
Concen: 64.37 ng
RT: 5.44 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF093750.D
Acq: 18 Mar 2017 13:33

Tgt Ion:112 Resp: 776222
Ion Ratio Lower Upper
112 100
64 55.4 46.0 69.0
63 27.8 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: 46.84 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Instrument :

BNA_F

ClientSampleId :

MW-102D

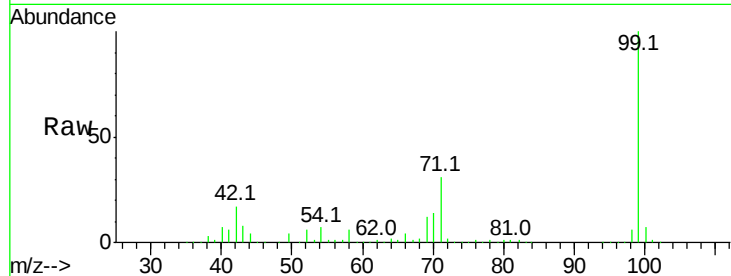
Tot Ion: 99 Resp: 700118

Ion Ratio Lower Upper

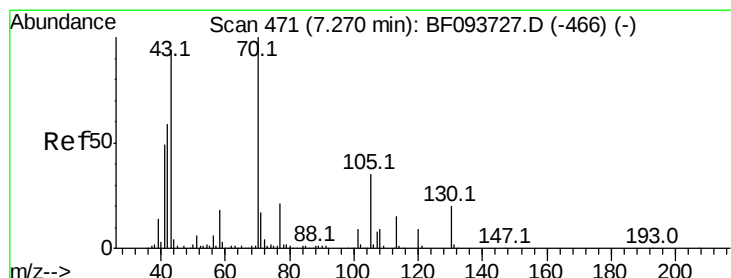
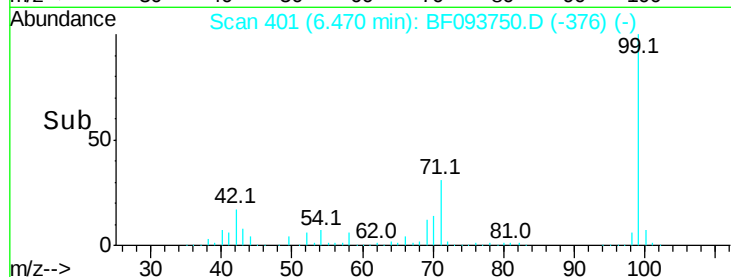
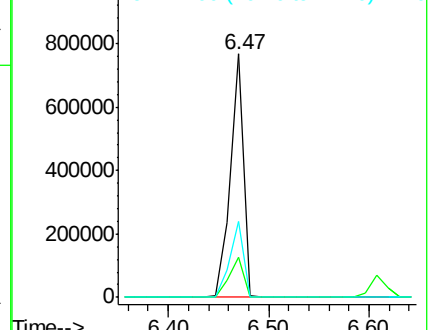
99 100

42 16.7 13.5 20.3

71 31.0 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.70 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.14 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Tgt Ion: 70 Resp: 145903

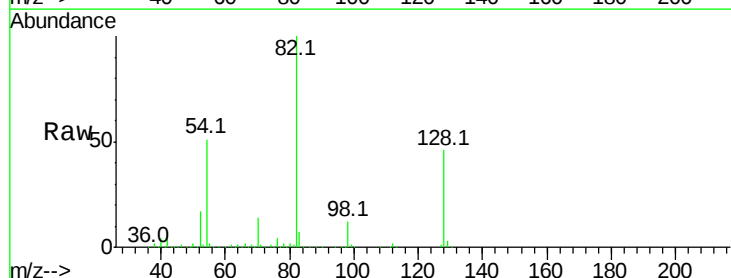
Ion Ratio Lower Upper

70 100

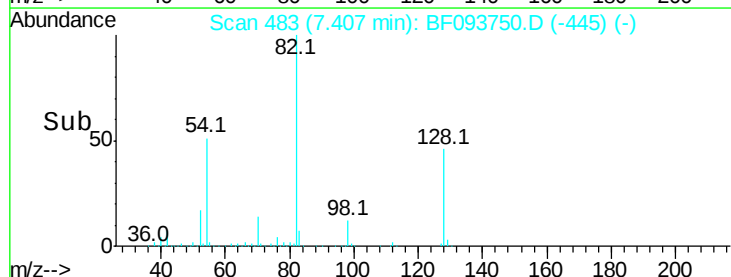
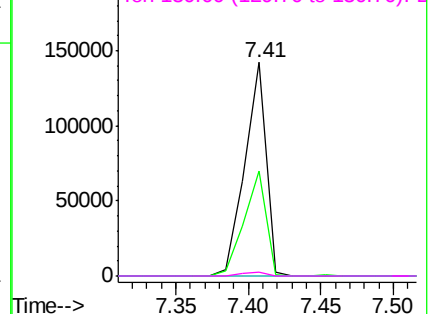
42 49.0 47.2 70.8

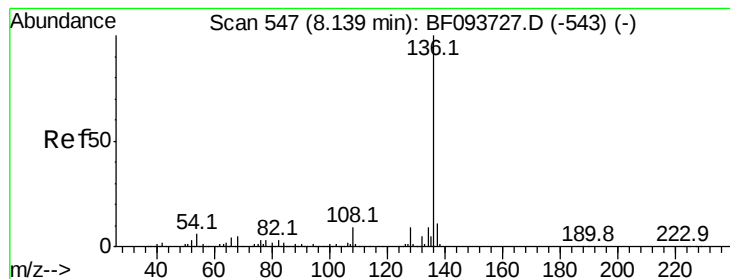
101 0.0 7.2 10.8#

130 2.1 15.9 23.9#



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: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Instrument :

BNA_F

ClientSampleId :

MW-102D

Tot Ion:136 Resp: 754608

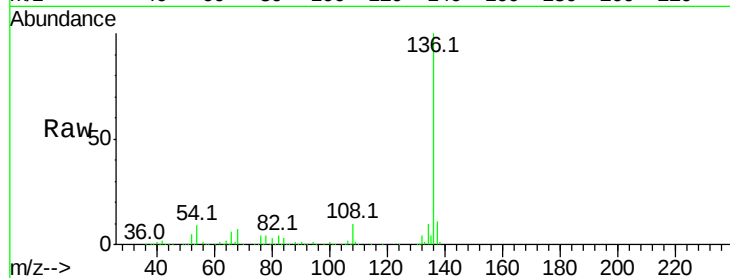
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.1 4.9 7.3#

68 7.3 4.1 6.1#

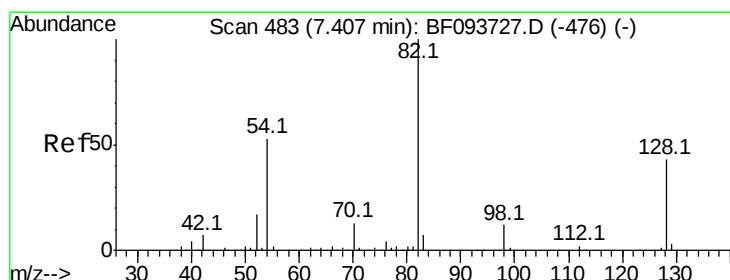
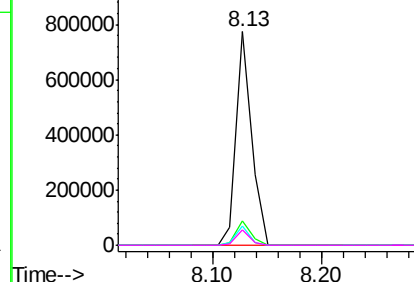
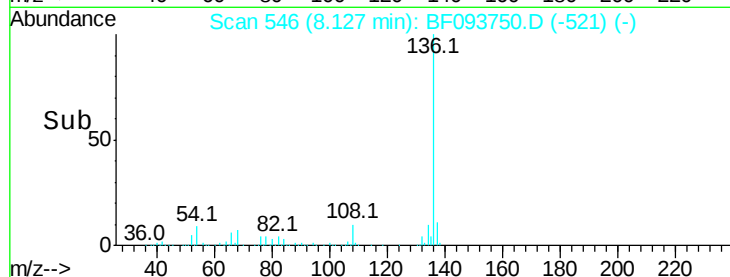


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.44 ng

RT: 7.41 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

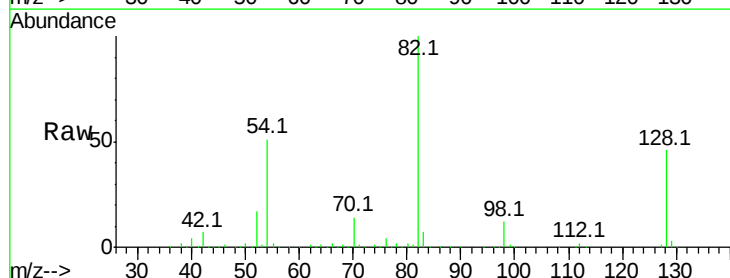
Tgt Ion: 82 Resp: 1074187

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

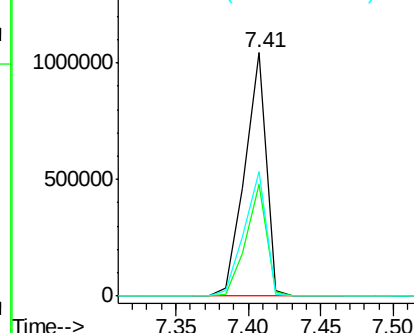
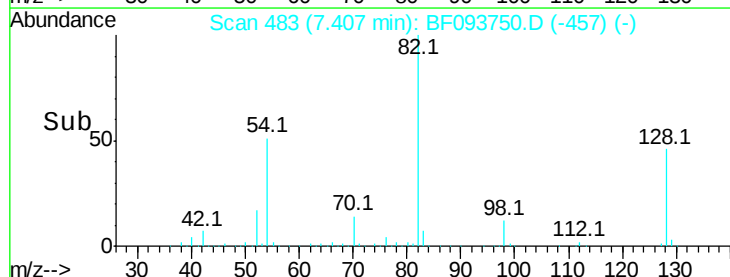
54 51.3 42.2 63.2

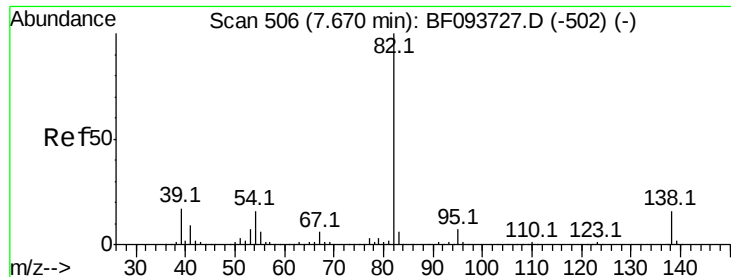


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 43.34 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.26 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Instrument :

BNA_F

ClientSampleId :

MW-102D

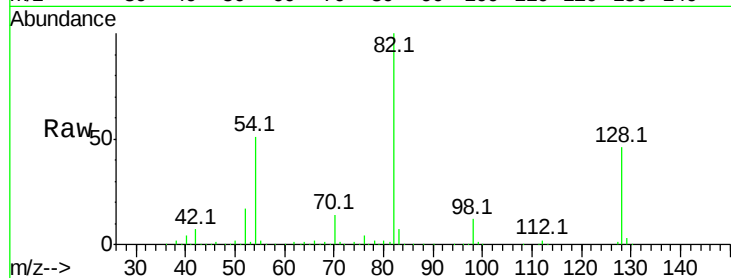
Tot Ion: 82 Resp: 1048908

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

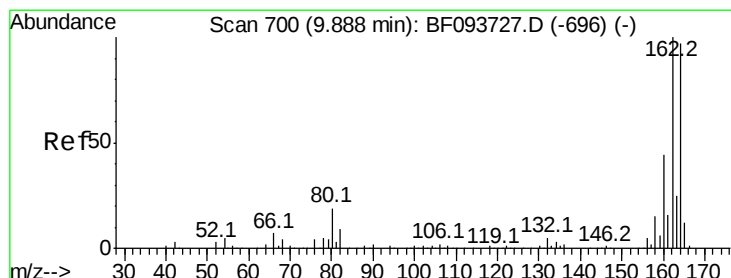
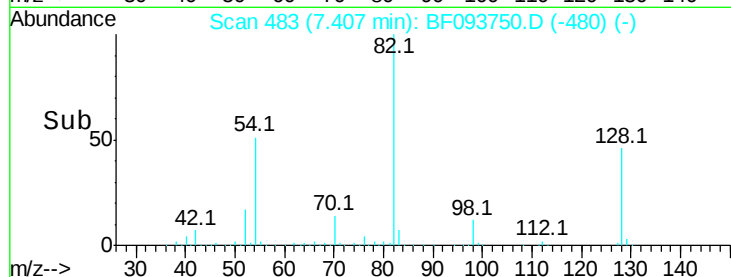
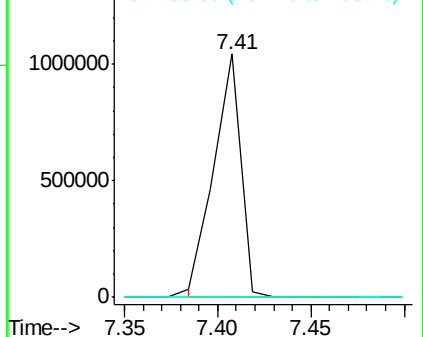
138 0.0 13.1 19.7#



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: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

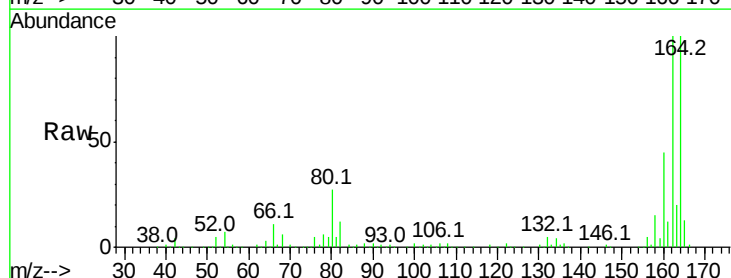
Tgt Ion:164 Resp: 360897

Ion Ratio Lower Upper

164 100

162 100.3 82.6 123.8

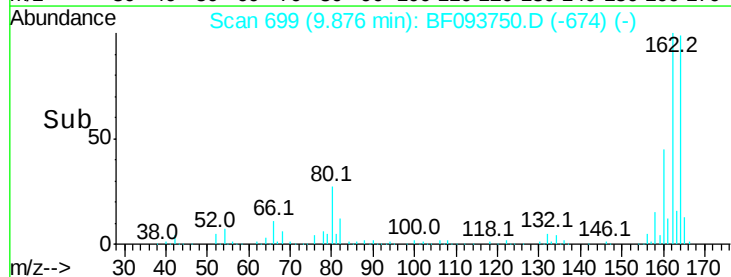
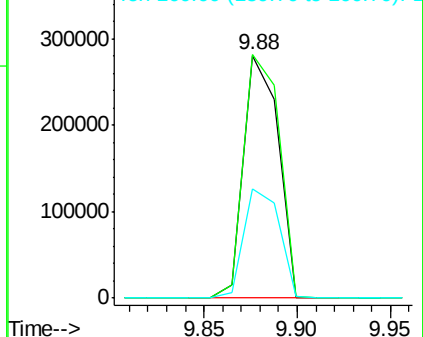
160 44.8 36.2 54.2

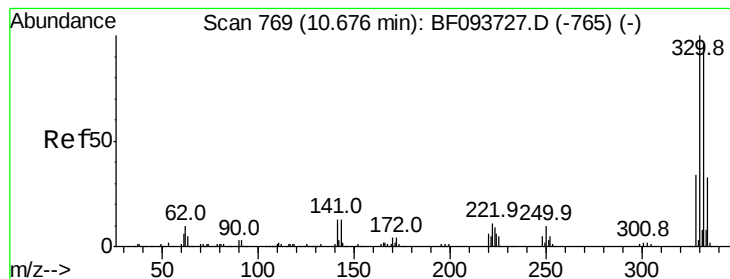


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 163.21 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Instrument :

BNA_F

ClientSampleId :

MW-102D

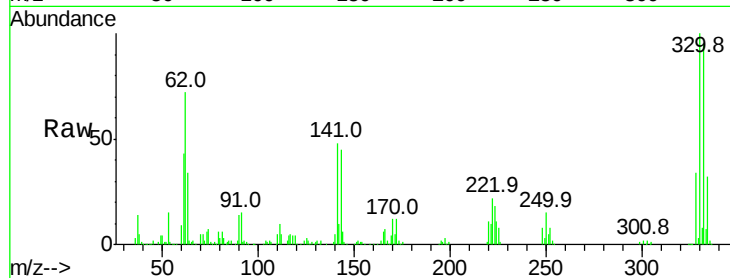
Tot Ion:330 Resp: 385491

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

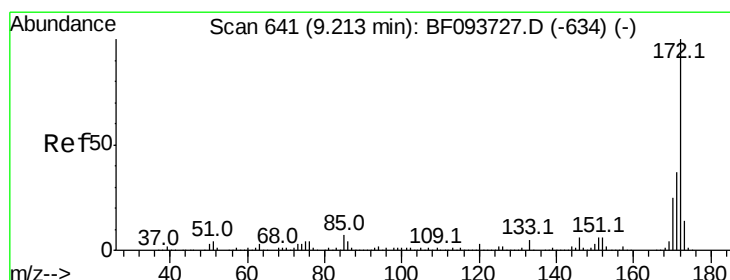
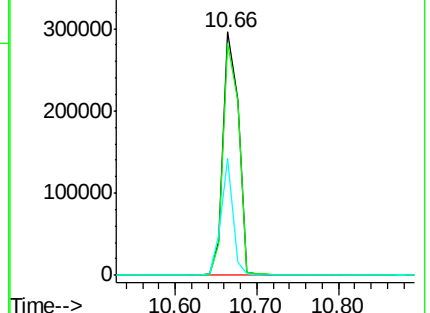
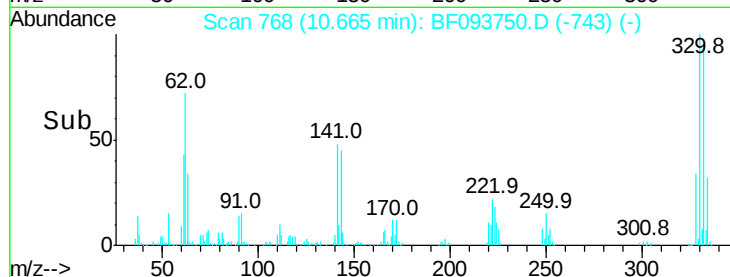
141 38.1 31.4 47.2



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: 105.87 ng

RT: 9.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

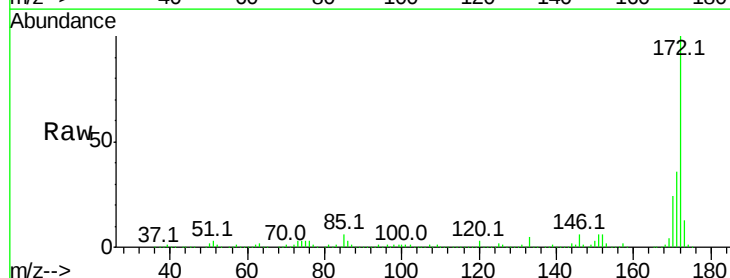
Tgt Ion:172 Resp: 2024846

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

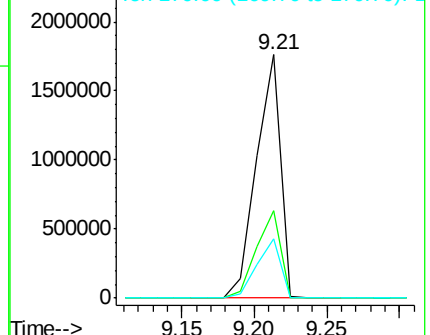
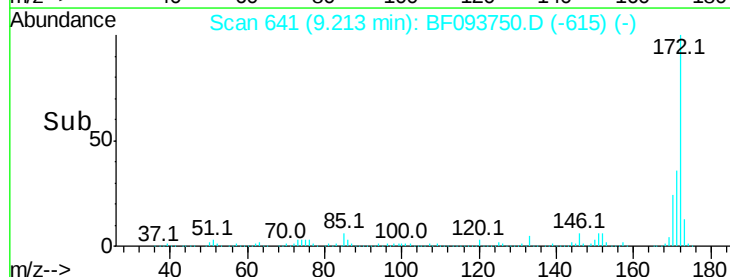
170 24.3 19.8 29.8

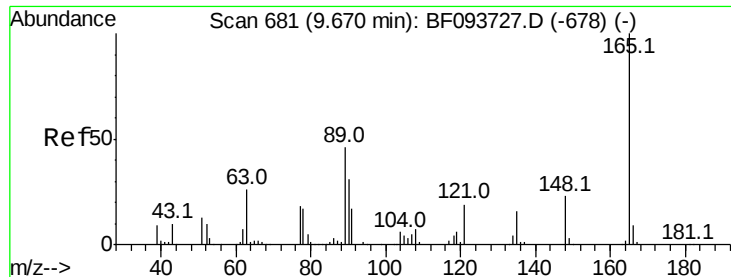


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 8.98 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.21 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

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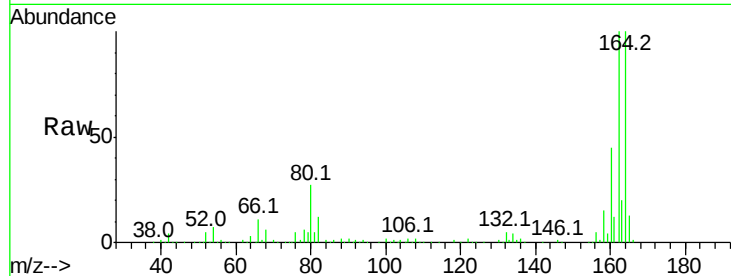
Tot Ion:165 Resp: 45737

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

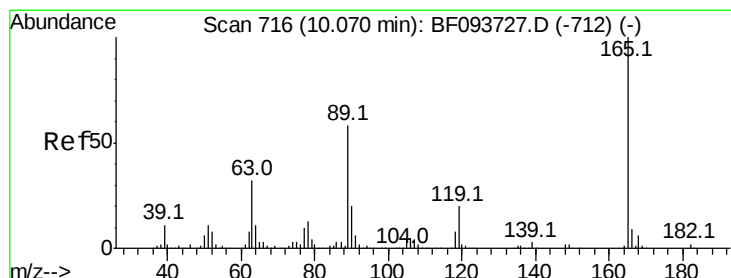
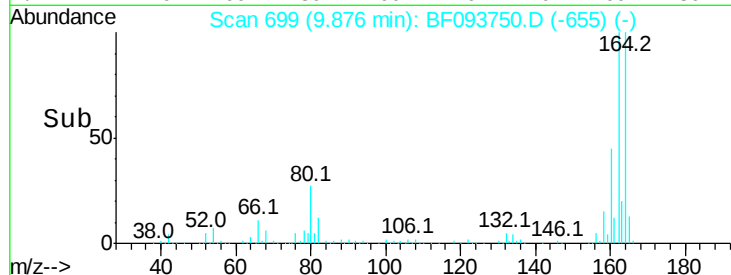
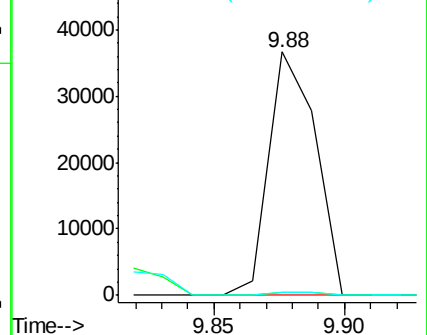
89 1.3 37.1 55.7#



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: 6.75 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.19 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Tgt Ion:165 Resp: 45728

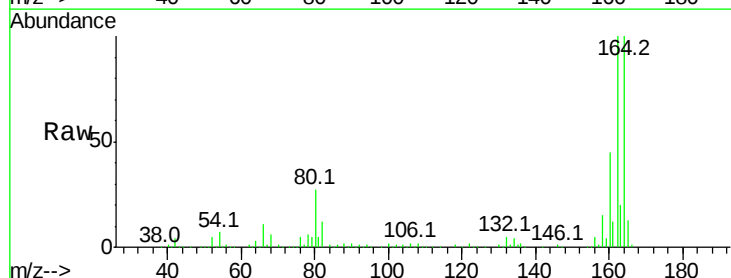
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

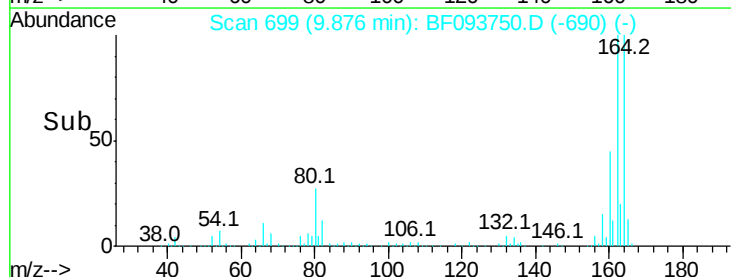
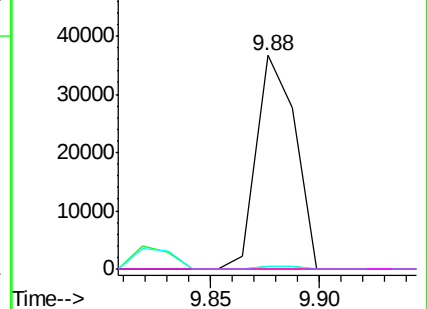


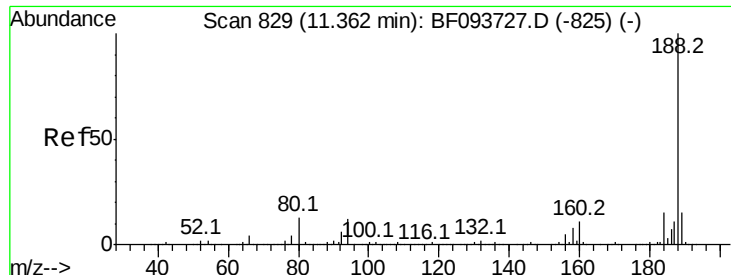
Abundance Ion 165.00 (164.70 to 165.70): E

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

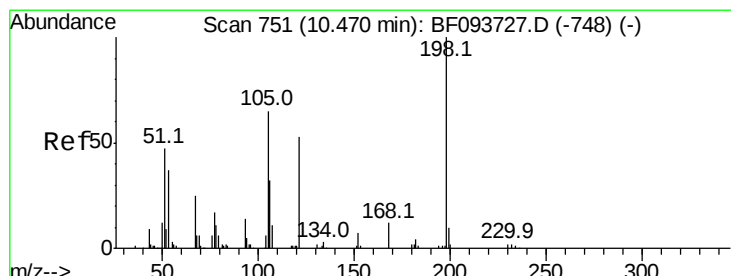
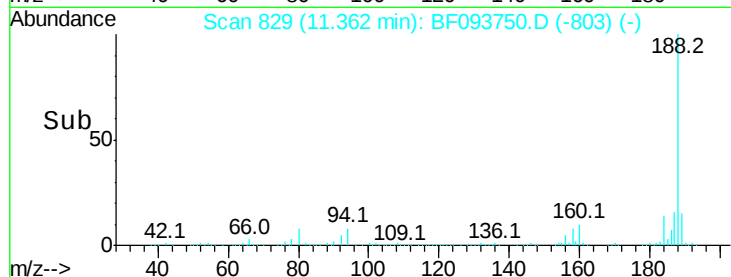
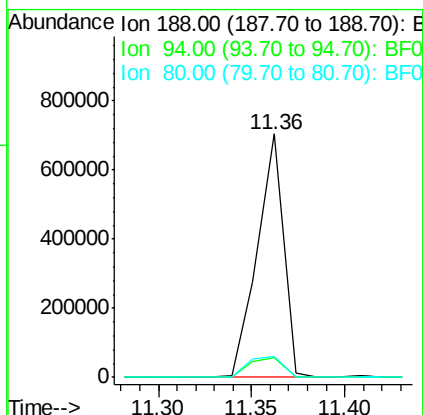
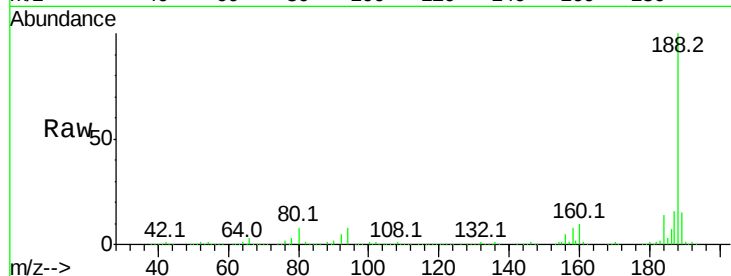




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

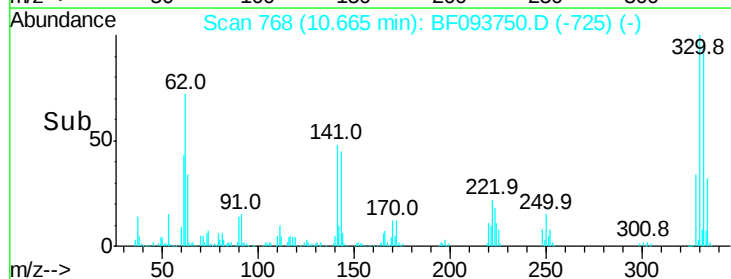
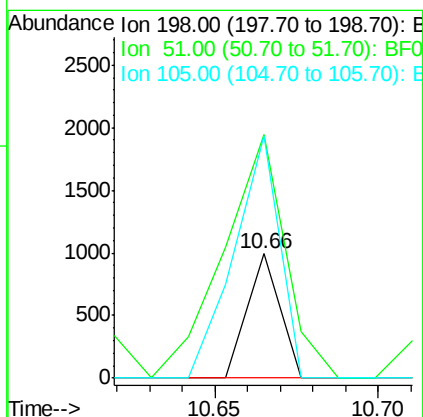
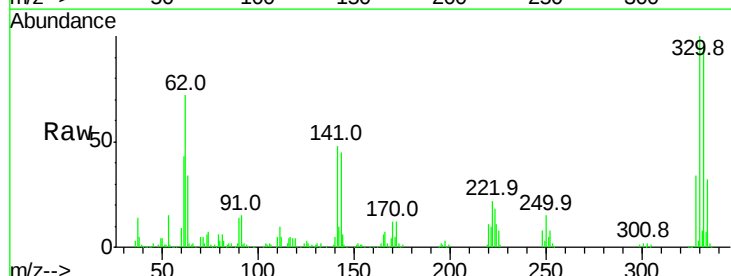
Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

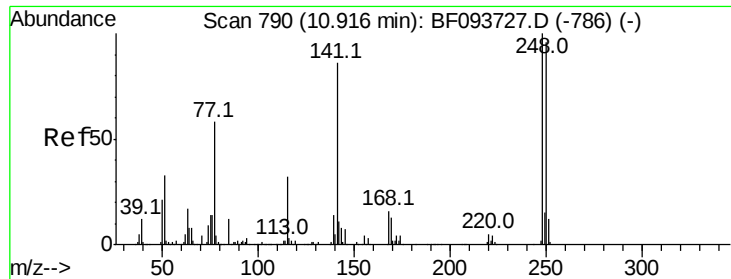
Tot Ion:188 Resp: 684842
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.4 14.2#
 80 8.5 10.2 15.2#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.10 ng
 RT: 10.66 min Scan# 768
 Delta R.T. 0.19 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

Tgt Ion:198 Resp: 680
 Ion Ratio Lower Upper
 198 100
 51 196.2 53.2 93.2#
 105 195.6 45.8 85.8#





#66

4-Bromophenyl-phenylether

Concen: 3.84 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.25 min

Lab File: BF093750.D

Acq: 18 Mar 2017 13:33

Instrument :

BNA_F

ClientSampleId :

MW-102D

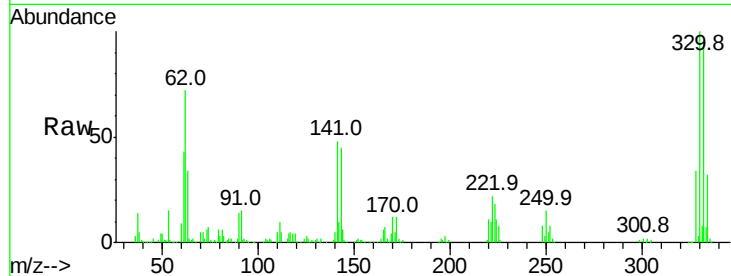
Tot Ion:248 Resp: 24841

Ion Ratio Lower Upper

248 100

250 197.9 76.8 115.2#

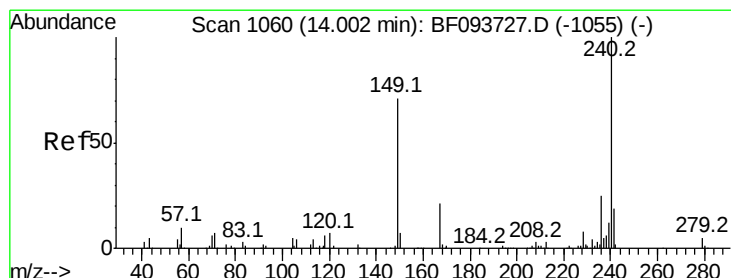
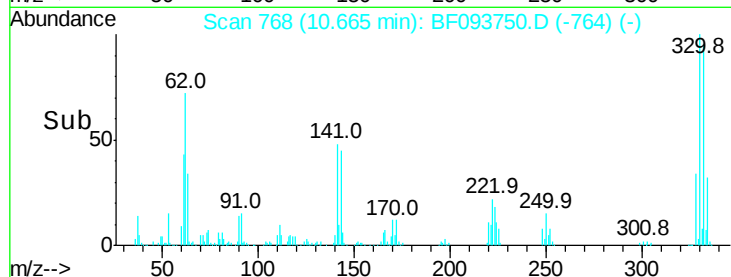
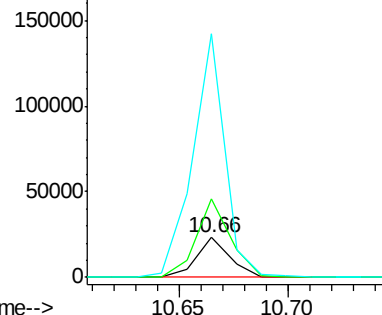
141 615.4 68.6 103.0#



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: BF093750.D

Acq: 18 Mar 2017 13:33

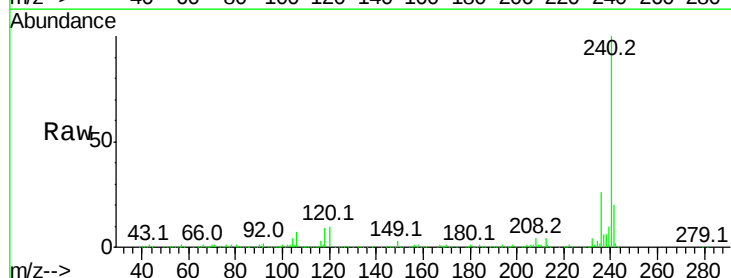
Tgt Ion:240 Resp: 597259

Ion Ratio Lower Upper

240 100

120 10.3 5.8 8.8#

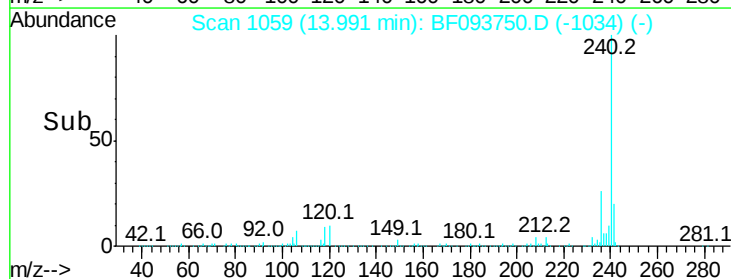
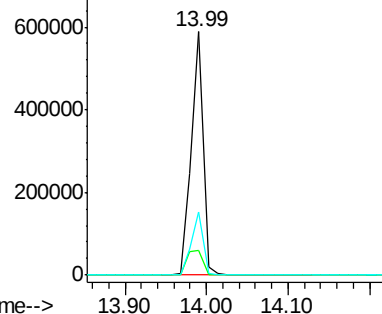
236 26.2 20.5 30.7

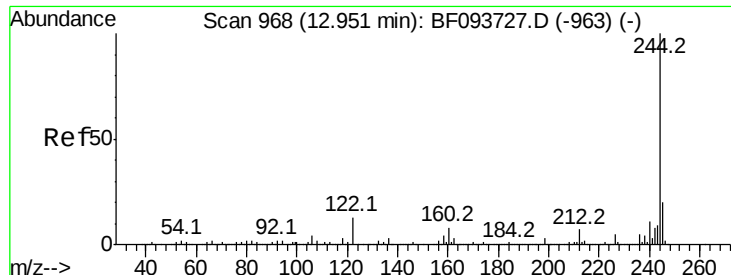


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

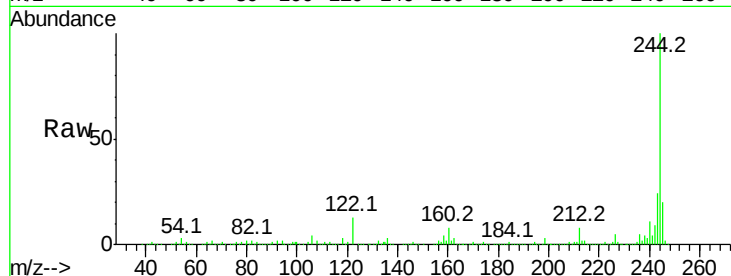




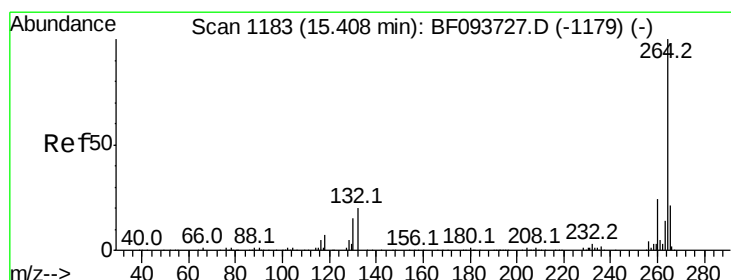
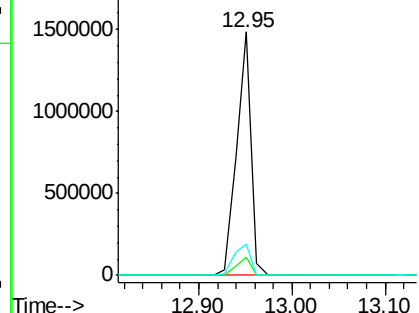
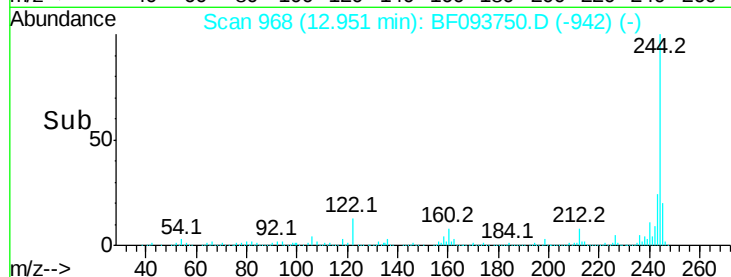
#78
 Terphenyl-d14
 Concen: 57.49 ng
 RT: 12.95 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Tot Ion:244 Resp: 1595385
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.7 10.3 15.5

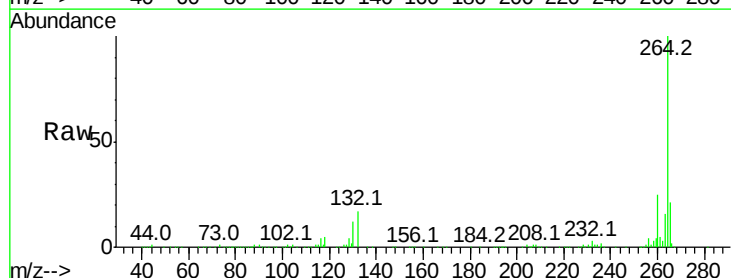


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF093750.D
 Acq: 18 Mar 2017 13:33

Tgt Ion:264 Resp: 447153
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.0 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

