

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082793.D
 Acq On : 7 Nov 2015 6:41
 Operator : UM/IZ
 Sample : G4259-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-110315

Quant Time: Nov 08 23:56:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

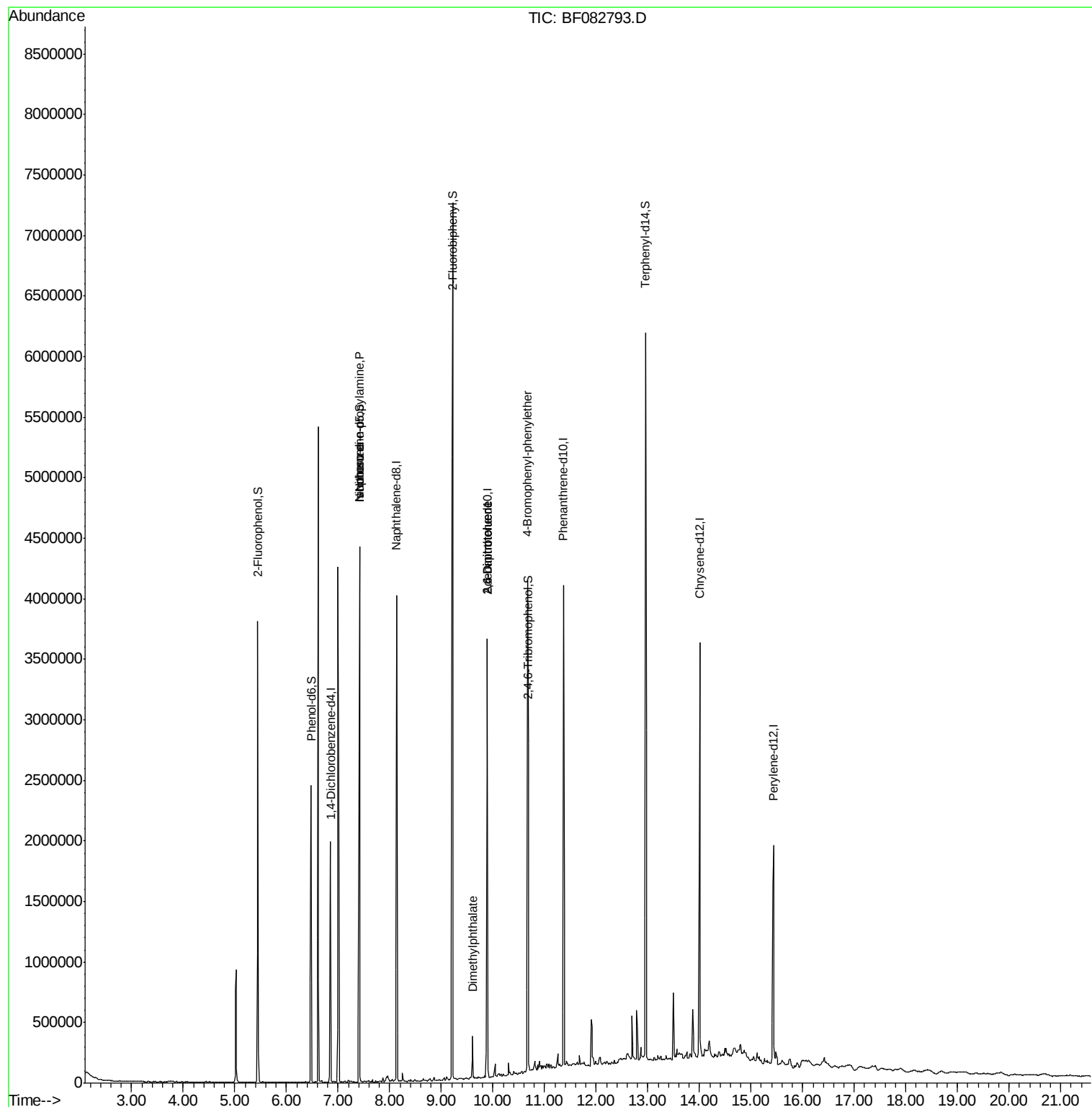
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	436092	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1678777	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	939067	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	1524907	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	1282358	20.00	ng	-0.01
86) Perylene-d12	15.44	264	992159	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	955291	34.08	ng	0.00
7) Phenol-d6	6.48	99	827213	22.20	ng	0.00
23) Nitrobenzene-d5	7.41	82	1719469	44.57	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	686000	63.71	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2962085	45.21	ng	0.00
78) Terphenyl-d14	12.96	244	2259022	41.78	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	240368	8.78	ng	# 68
25) Isophorone	7.41	82	1614703	22.62	ng	# 70
49) Dimethylphthalate	9.61	163	162916	2.12	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	123710	7.54	ng	# 18
56) 2,4-Dinitrotoluene	9.89	165	123722	5.55	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	43982	2.40	ng	# 1

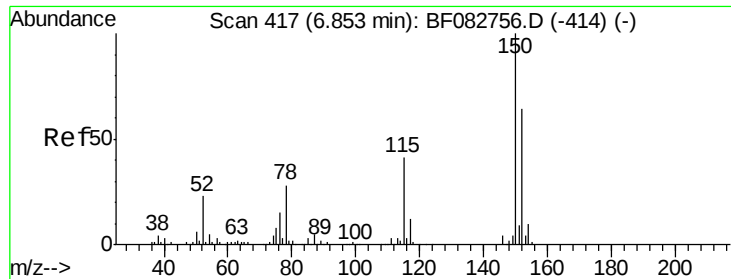
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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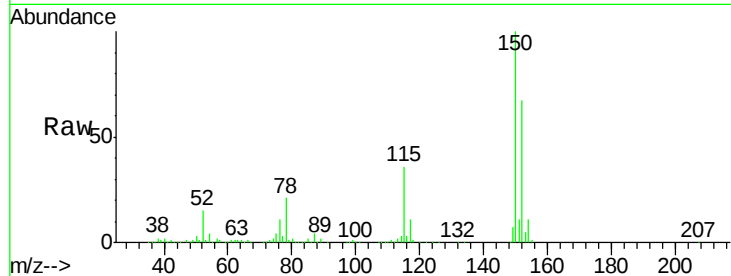


#1

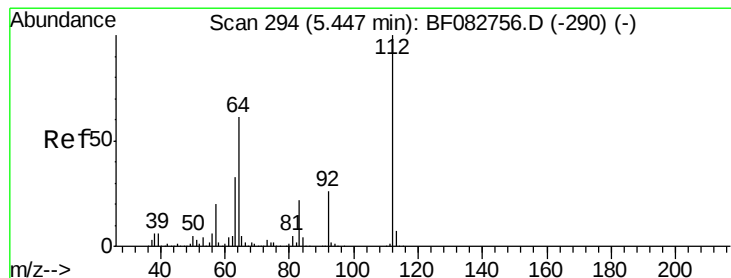
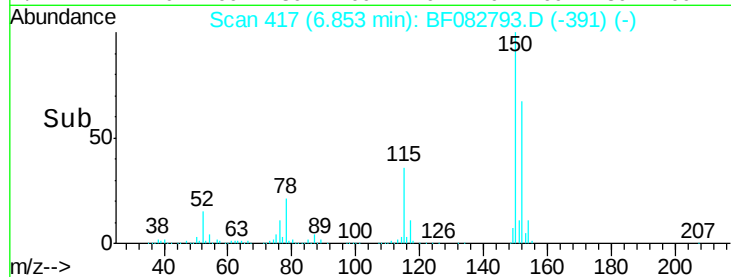
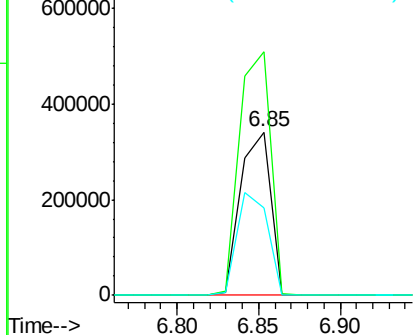
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082793.D
Acq: 7 Nov 2015 6:41

Instrument :
BNA_F
ClientSampleId :
MW-03-110315

Tgt Ion:152 Resp: 436092
Ion Ratio Lower Upper
152 100
150 148.8 127.0 190.4
115 53.5 47.0 70.6



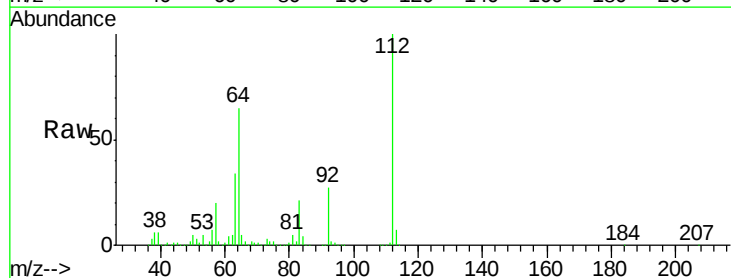
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



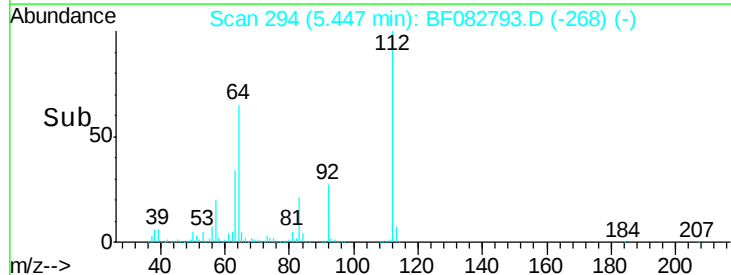
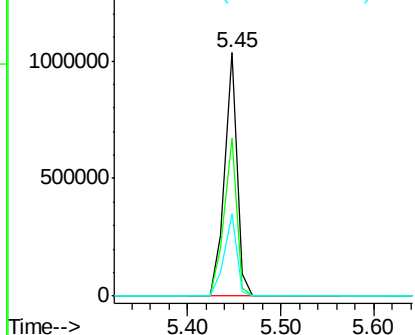
#5

2-Fluorophenol
Concen: 34.08 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF082793.D
Acq: 7 Nov 2015 6:41

Tgt Ion:112 Resp: 955291
Ion Ratio Lower Upper
112 100
64 65.0 48.9 73.3
63 33.8 28.1 42.1



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: 22.20 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

MW-03-110315

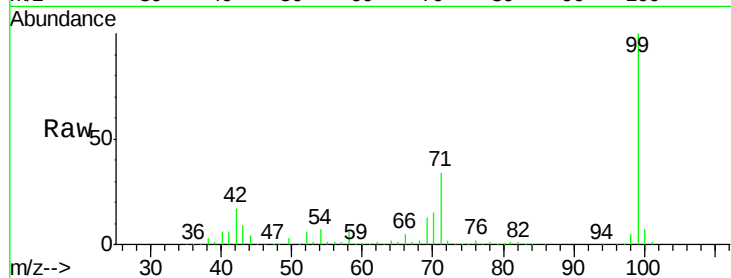
Tgt Ion: 99 Resp: 827213

Ion Ratio Lower Upper

99 100

42 16.8 19.2 28.8#

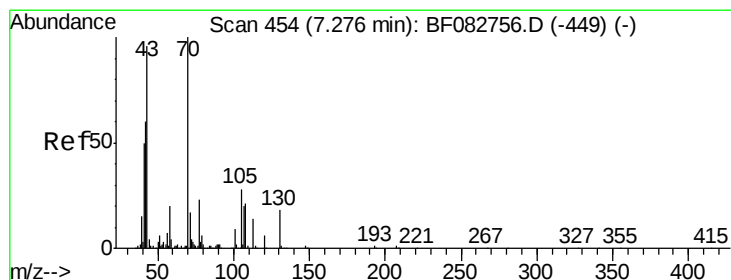
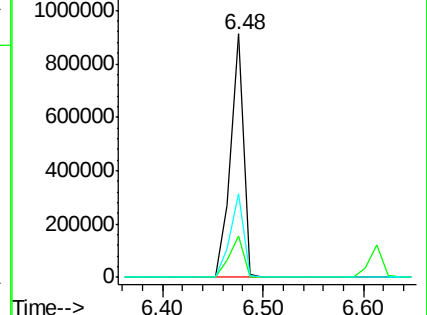
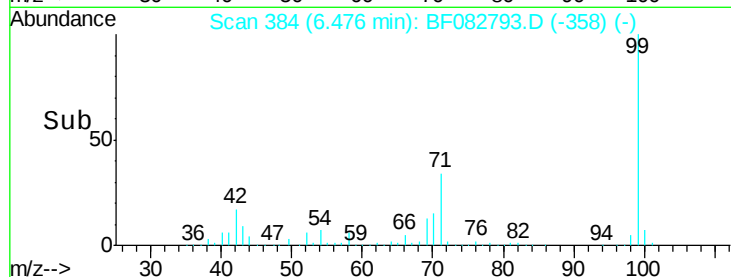
71 34.5 35.0 52.4#



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: 8.78 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.15 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

Tgt Ion: 70 Resp: 240368

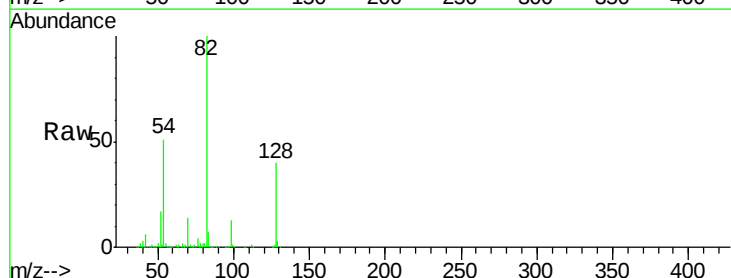
Ion Ratio Lower Upper

70 100

42 44.2 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#

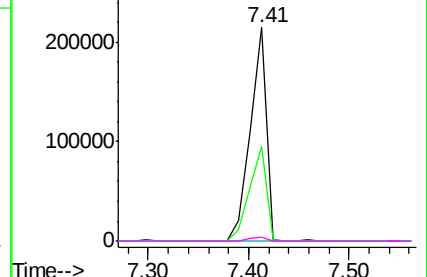
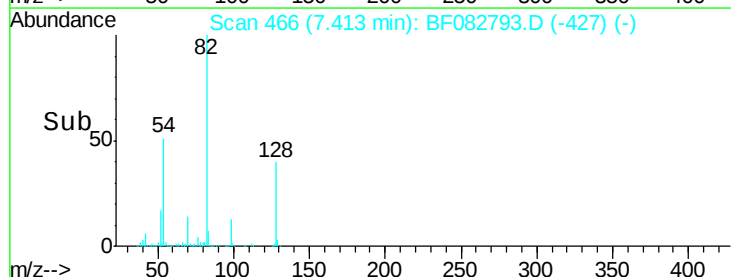


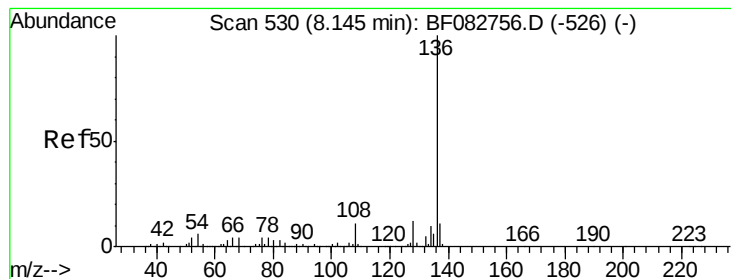
Abundance Ion 70.00 (69.70 to 70.70): BF0

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# 529

Delta R.T. -0.01 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

MW-03-110315

Tgt Ion:136 Resp: 1678777

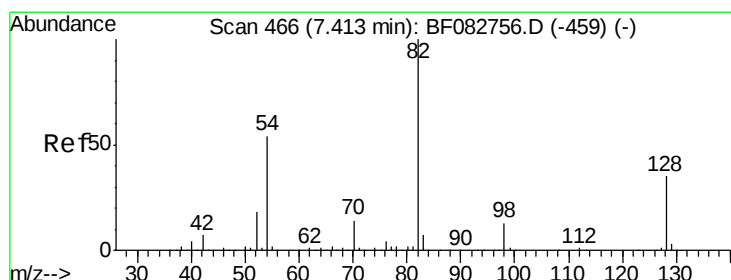
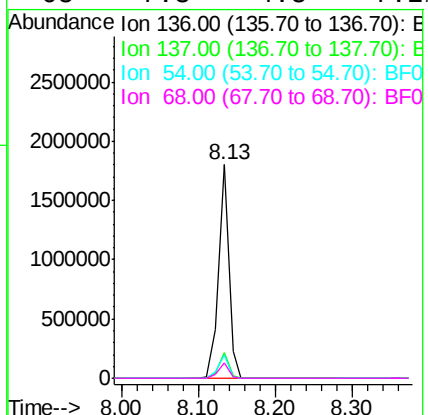
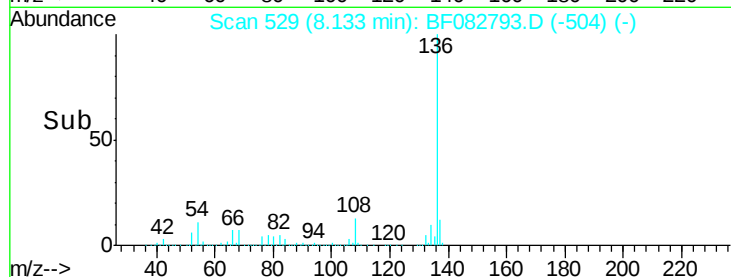
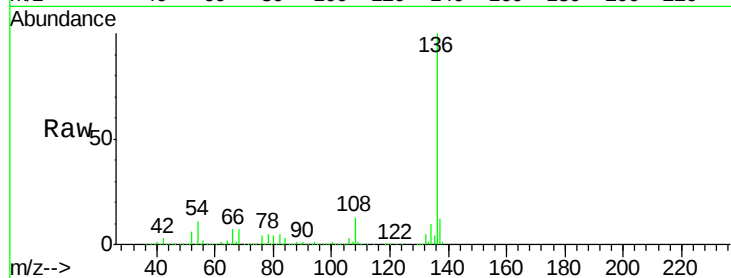
Ion Ratio Lower Upper

136 100

137 12.1 9.1 13.7

54 10.5 9.1 13.7

68 7.3 4.8 7.2#



#23

Nitrobenzene-d5

Concen: 44.57 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

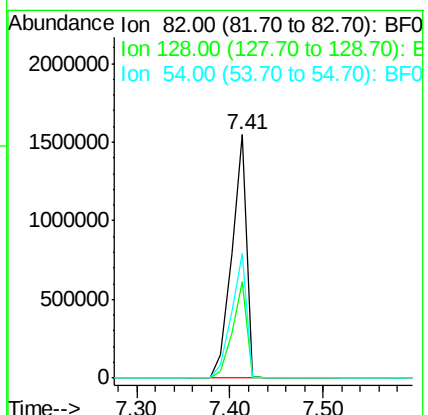
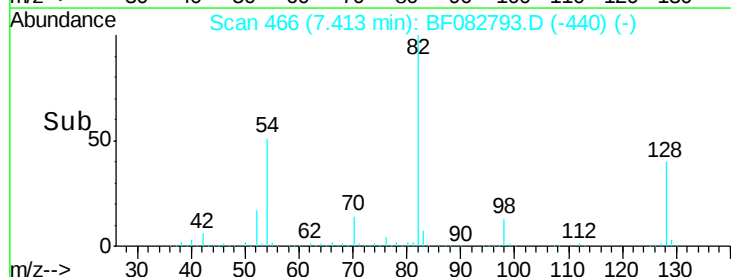
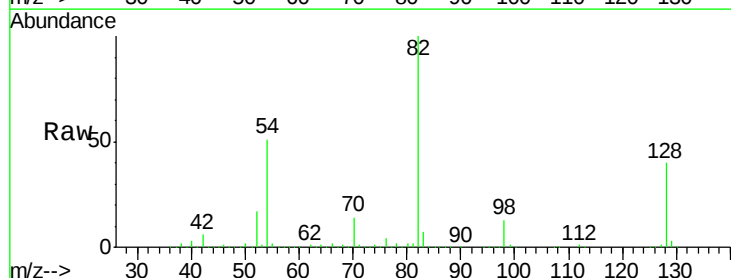
Tgt Ion: 82 Resp: 1719469

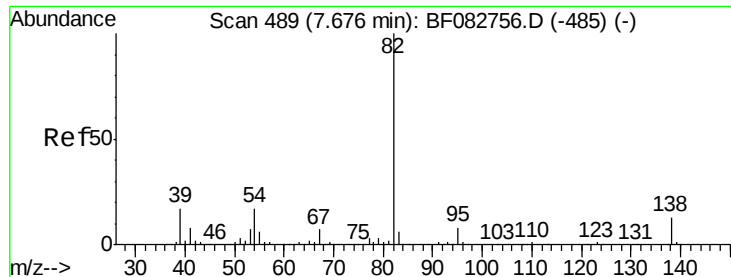
Ion Ratio Lower Upper

82 100

128 39.6 26.8 40.2

54 51.2 45.7 68.5





#25

Isophorone

Concen: 22.62 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

MW-03-110315

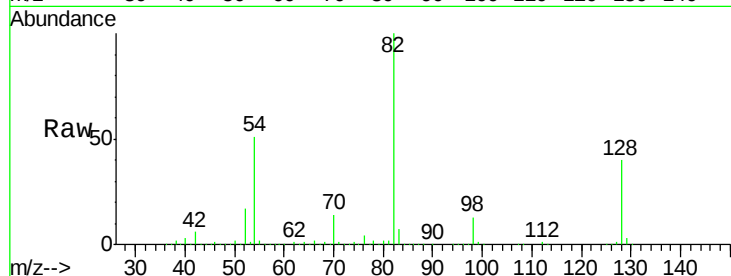
Tgt Ion: 82 Resp: 1614703

Ion Ratio Lower Upper

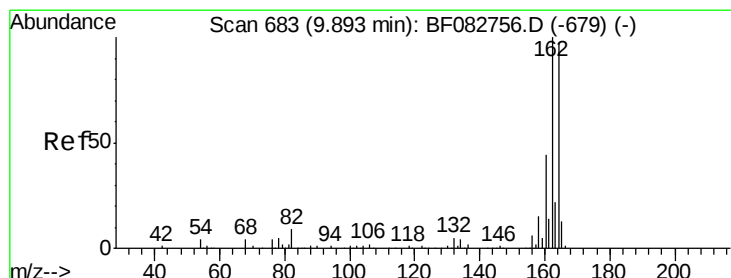
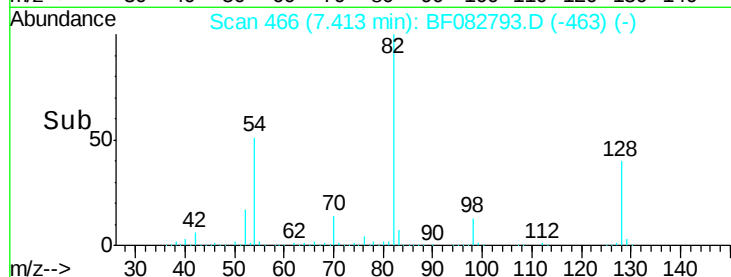
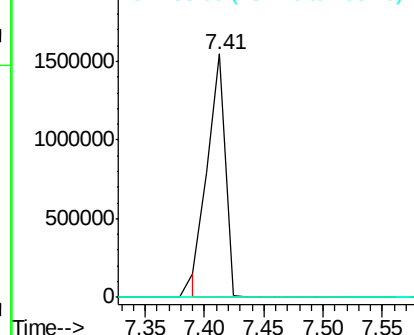
82 100

95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

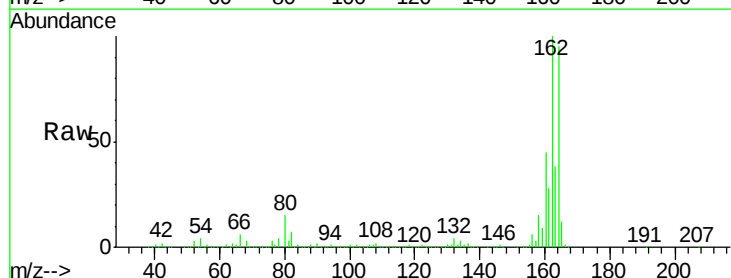
Tgt Ion: 164 Resp: 939067

Ion Ratio Lower Upper

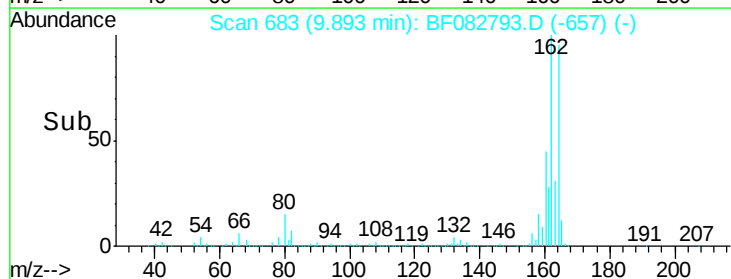
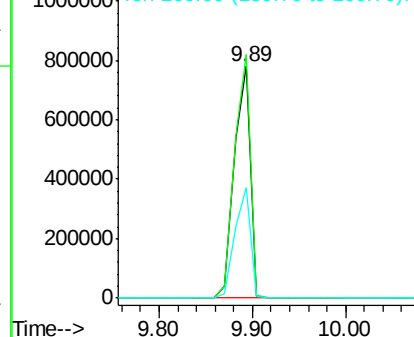
164 100

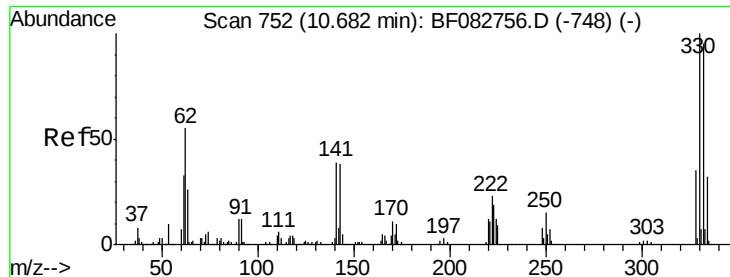
162 104.9 84.9 127.3

160 47.4 37.5 56.3



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

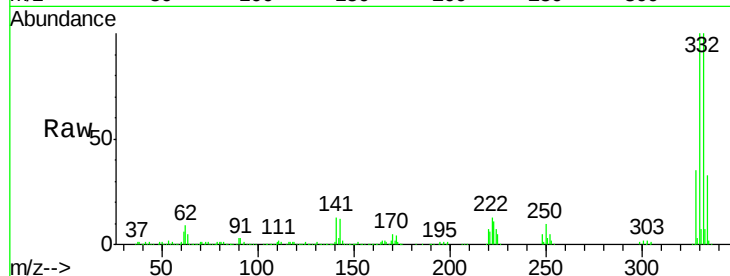




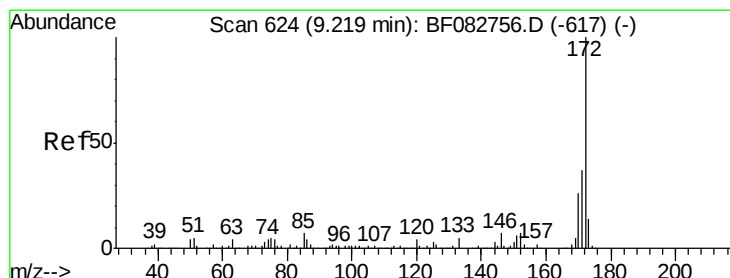
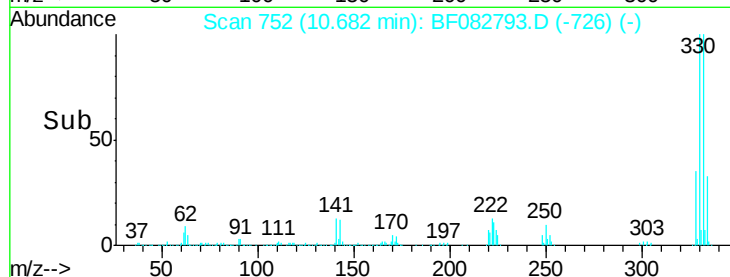
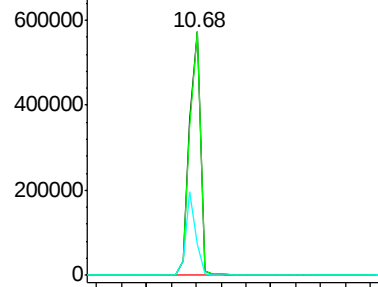
#41
 2,4,6-Tribromophenol
 Concen: 63.71 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082793.D
 Acq: 7 Nov 2015 6:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-03-110315

Tgt Ion:330 Resp: 686000
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 31.6 41.2 61.8#

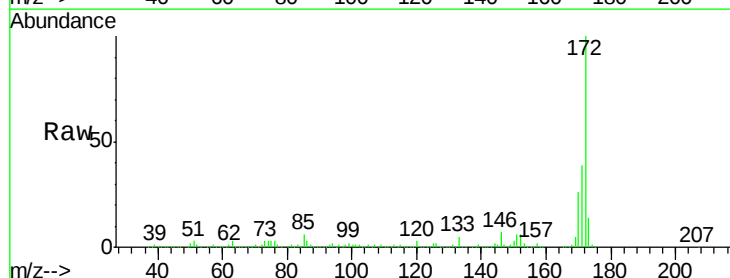


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

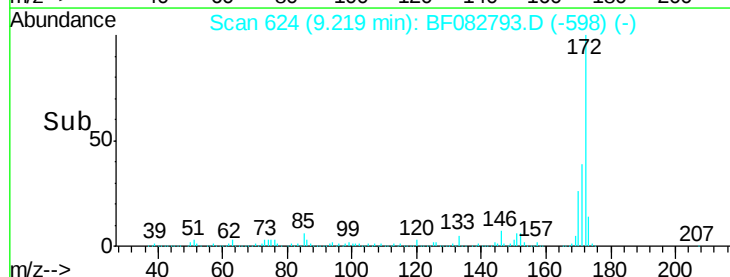
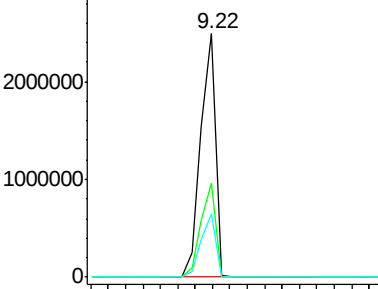


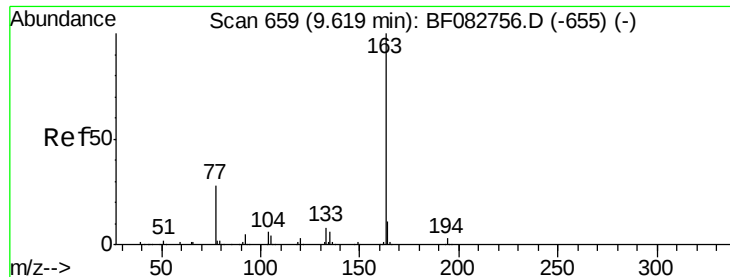
#44
 2-Fluorobiphenyl
 Concen: 45.21 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082793.D
 Acq: 7 Nov 2015 6:41

Tgt Ion:172 Resp: 2962085
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.8 46.2
 170 26.0 21.2 31.8



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

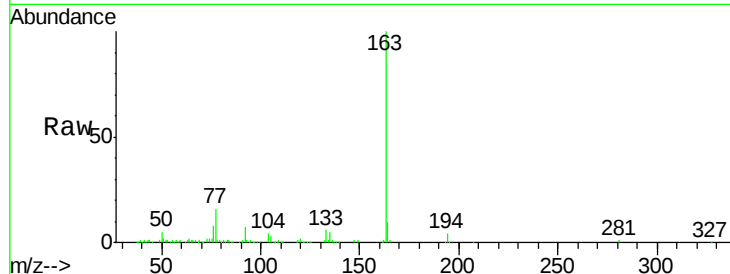




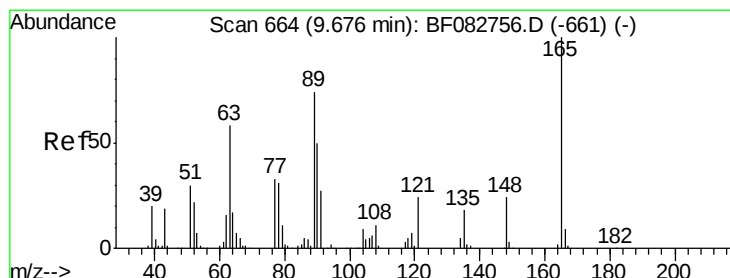
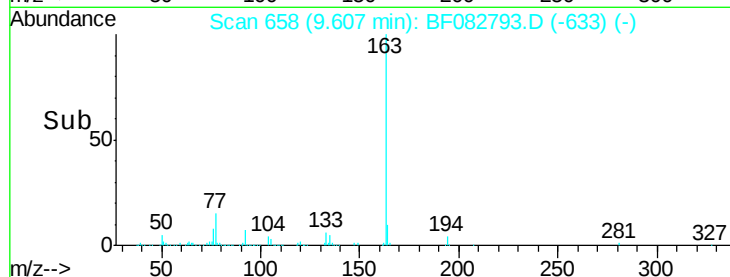
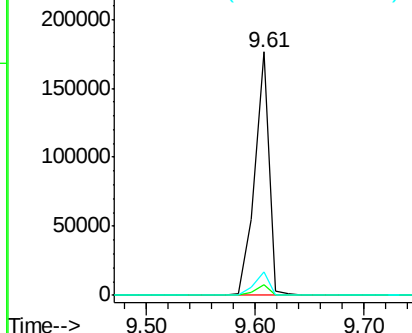
#49
Dimethylphthalate
Concen: 2.12 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082793.D
Acq: 7 Nov 2015 6:41

Instrument :
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ClientSampleId :
MW-03-110315

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	9.8	8.7	13.1

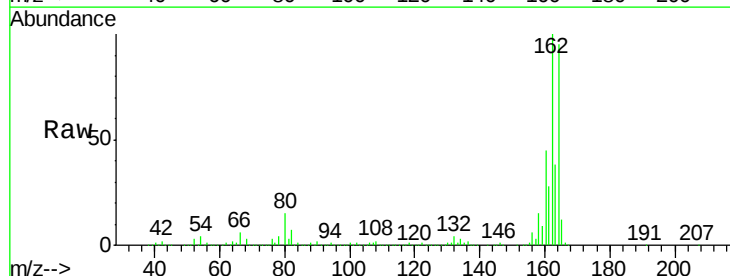


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

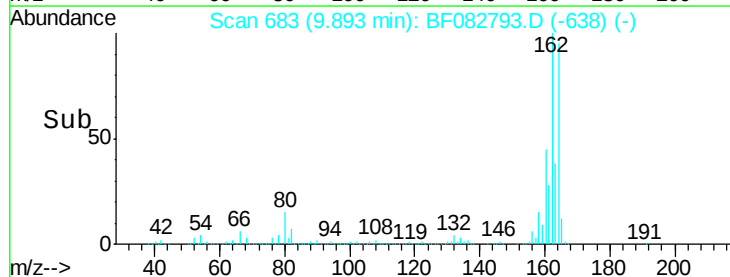
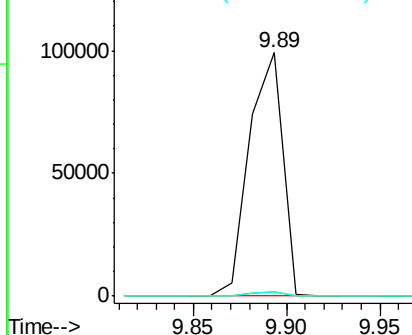


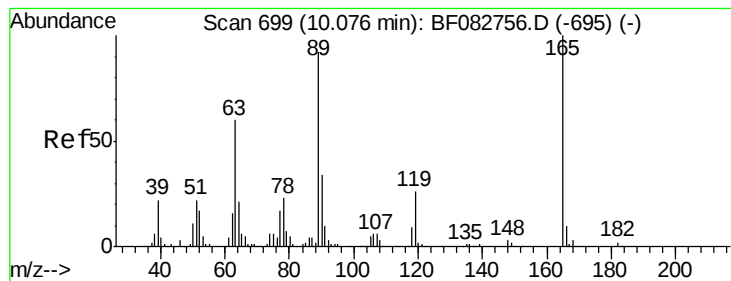
#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.22 min
Lab File: BF082793.D
Acq: 7 Nov 2015 6:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	55.5	83.3#
89	2.0	55.0	82.6#



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





#56

2,4-Dinitrotoluene

Concen: 5.55 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.18 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

MW-03-110315

Tgt Ion:165 Resp: 123722

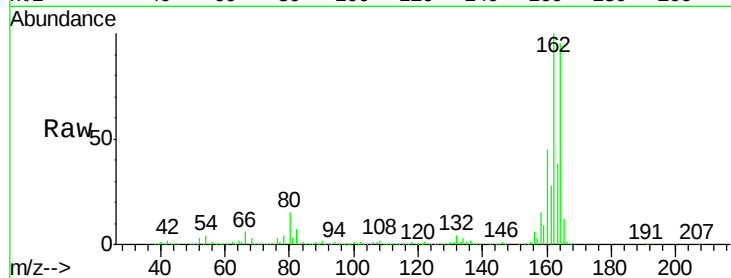
Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.0#

89 2.0 70.6 106.0#

182 0.0 1.5 2.3#

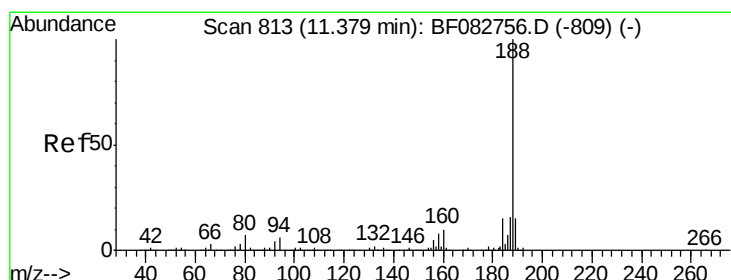
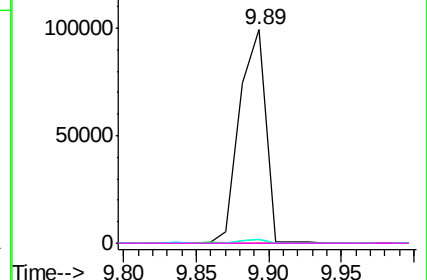
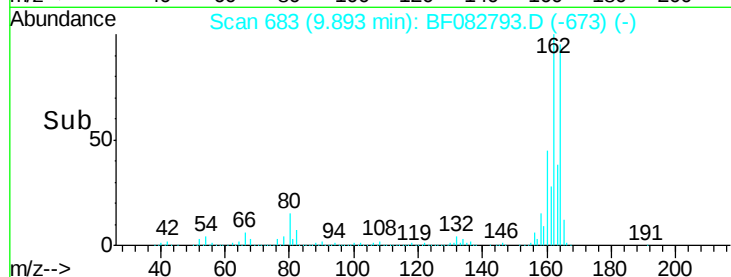


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

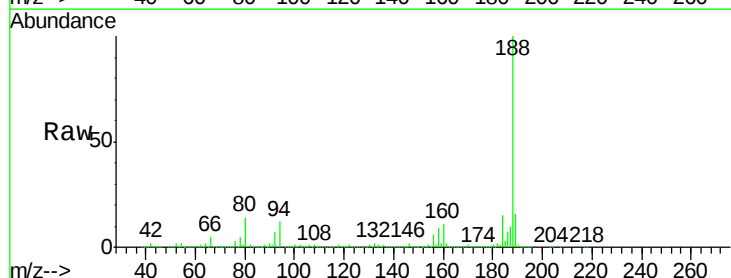
Tgt Ion:188 Resp: 1524907

Ion Ratio Lower Upper

188 100

94 12.3 6.1 9.1#

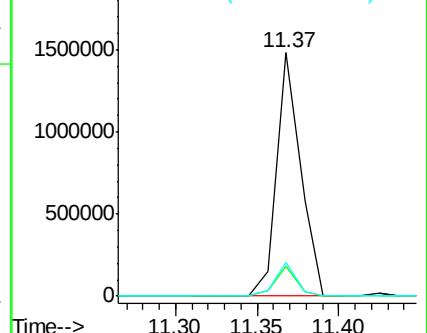
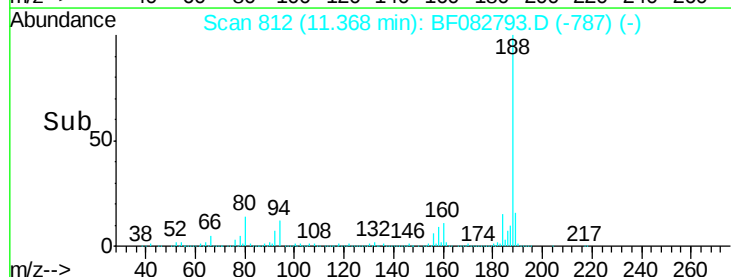
80 14.1 7.0 10.6#

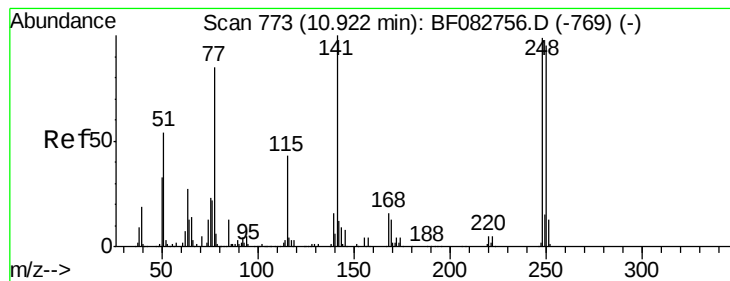


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.40 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

MW-03-110315

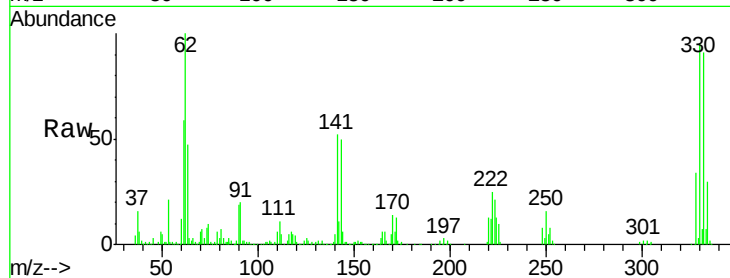
Tgt Ion:248 Resp: 43982

Ion Ratio Lower Upper

248 100

250 193.2 79.4 119.2#

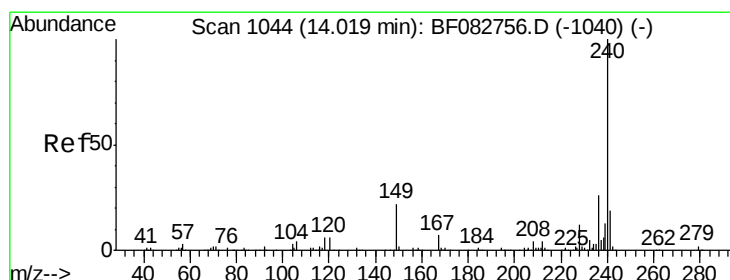
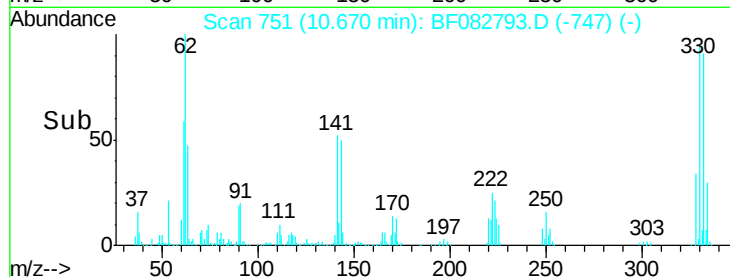
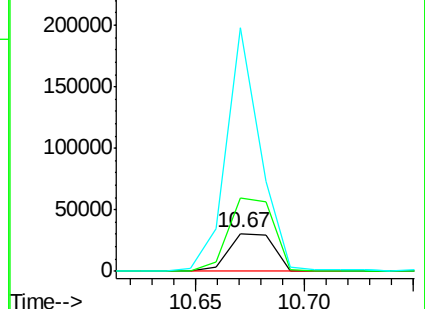
141 644.5 36.3 54.5#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

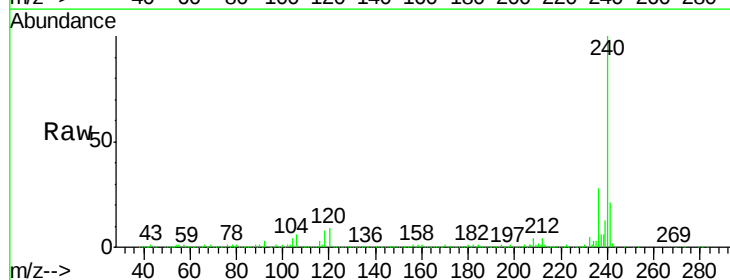
Tgt Ion:240 Resp: 1282358

Ion Ratio Lower Upper

240 100

120 8.6 10.9 16.3#

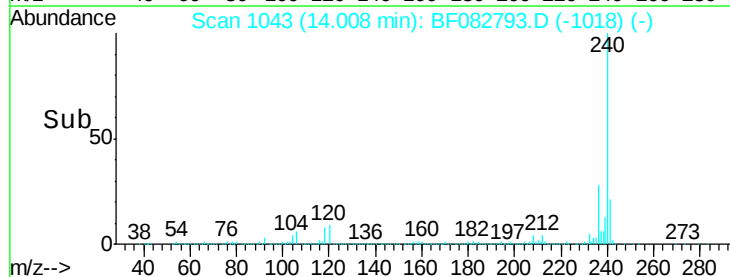
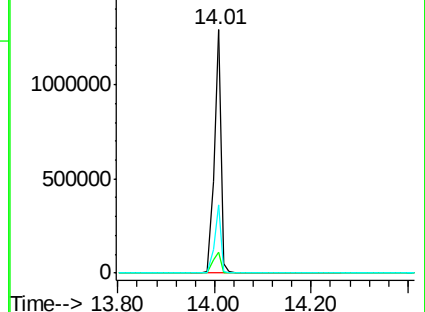
236 28.1 21.6 32.4

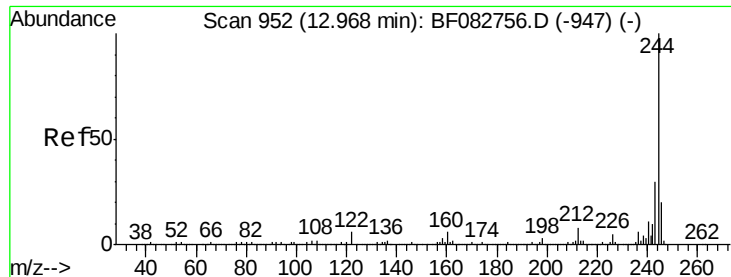


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 41.78 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

Instrument :

BNA_F

ClientSampleId :

MW-03-110315

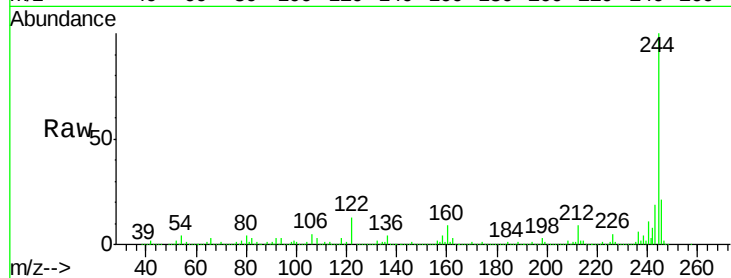
Tgt Ion:244 Resp: 2259022

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

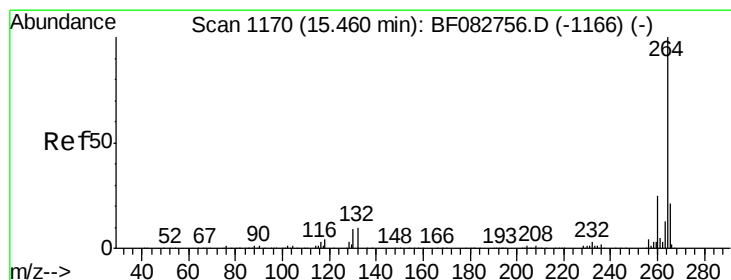
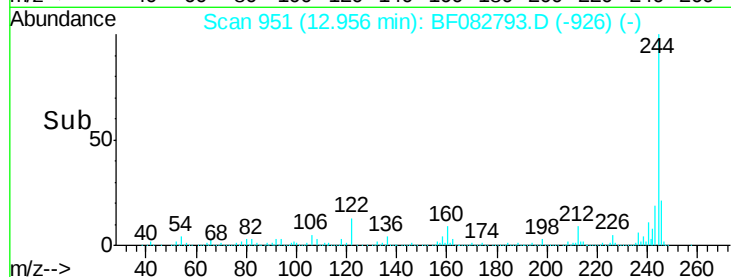
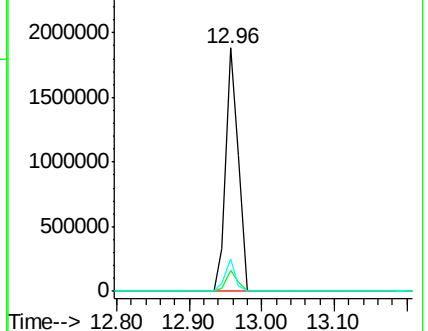
122 13.4 11.3 16.9



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: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082793.D

Acq: 7 Nov 2015 6:41

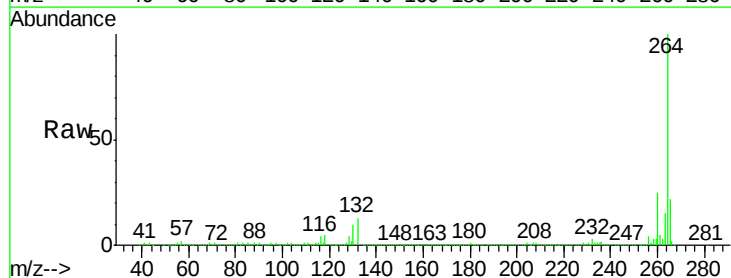
Tgt Ion:264 Resp: 992159

Ion Ratio Lower Upper

264 100

260 25.1 19.8 29.6

265 22.1 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

