

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090763.D
 Acq On : 22 Oct 2016 15:38
 Operator : UM/SJ
 Sample : H5367-13
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05S-102016

Quant Time: Oct 24 00:51:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

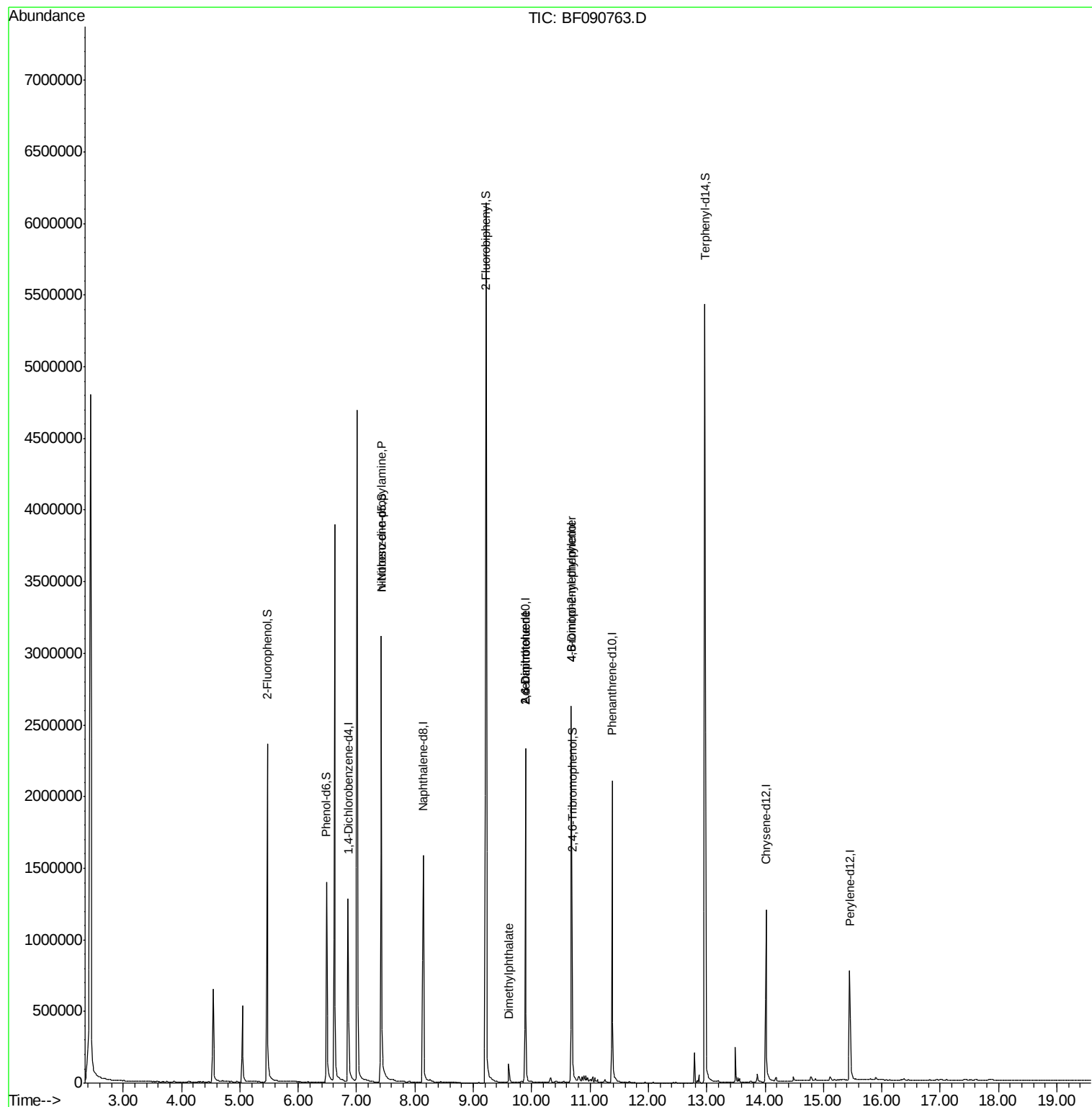
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	246671	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1036017	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	533773	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	847627	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	550777	20.00	ng	0.00
86) Perylene-d12	15.45	264	380553	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	785195	51.34	ng	0.01
7) Phenol-d6	6.49	99	642197	31.00	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1510401	79.96	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	460612	109.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2532152	73.64	ng	-0.01
78) Terphenyl-d14	12.97	244	2317329	96.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	195175	12.65	ng	# 51
49) Dimethylphthalate	9.61	163	80952	2.41	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	67891	9.41	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	68623	7.78	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	646	4.29	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	27548	3.35	ng	# 1

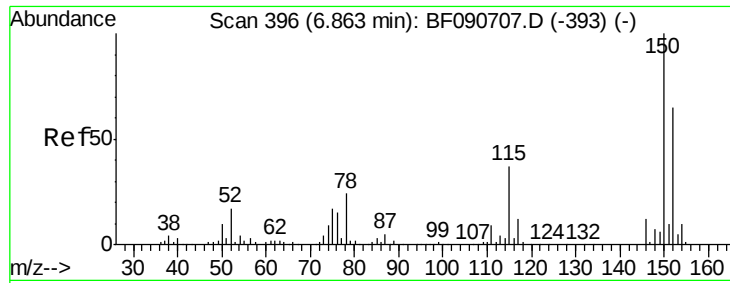
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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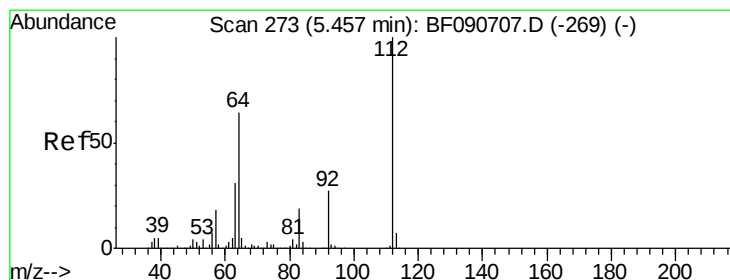
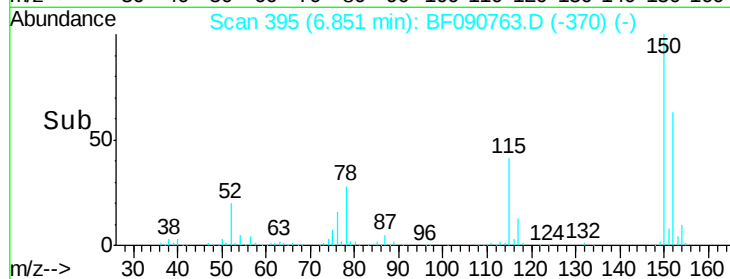
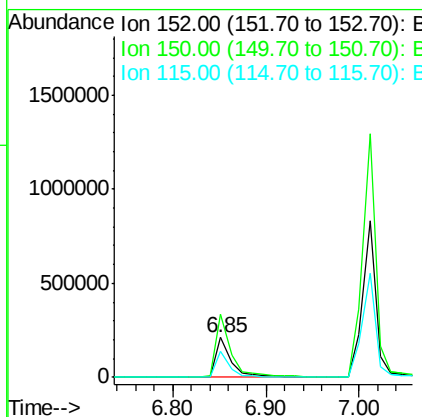
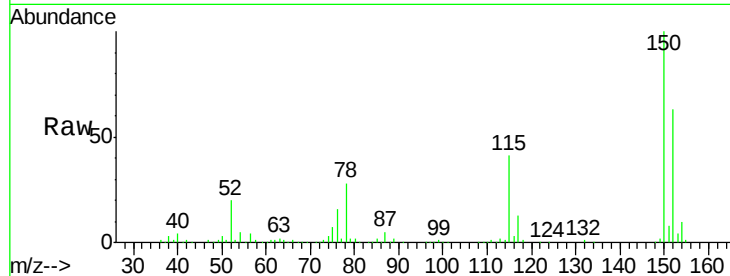




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090763.D
 Acq: 22 Oct 2016 15:38

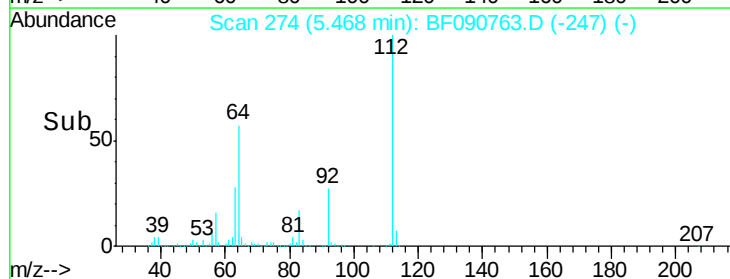
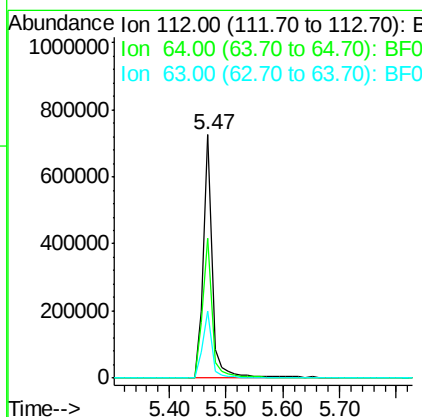
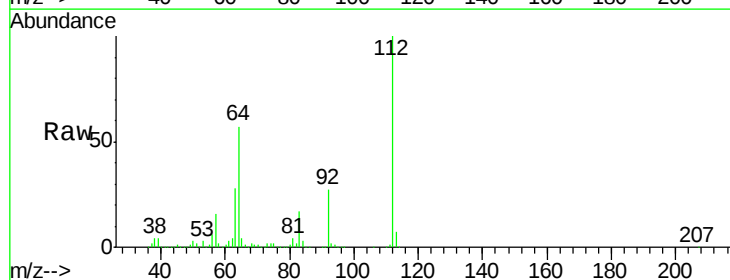
Instrument :
 BNA_F
 ClientSampleId :
 MW-05S-102016

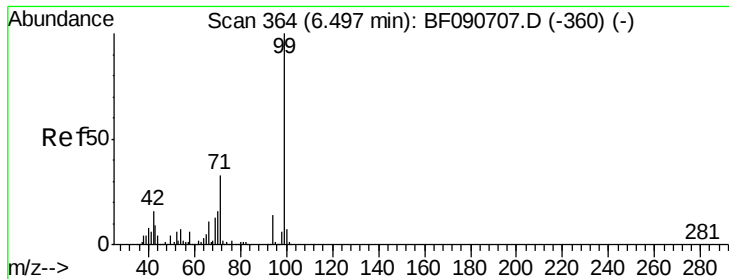
Tgt Ion:152 Resp: 246671
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.7 187.1
 115 65.9 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 51.34 ng
 RT: 5.47 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF090763.D
 Acq: 22 Oct 2016 15:38

Tgt Ion:112 Resp: 785195
 Ion Ratio Lower Upper
 112 100
 64 57.5 39.7 59.5
 63 27.7 17.4 26.0#





#7

Phenol-d6

Concen: 31.00 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090763.D

Acq: 22 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MW-05S-102016

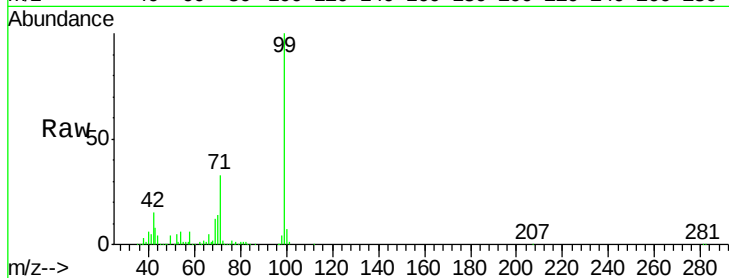
Tgt Ion: 99 Resp: 642197

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

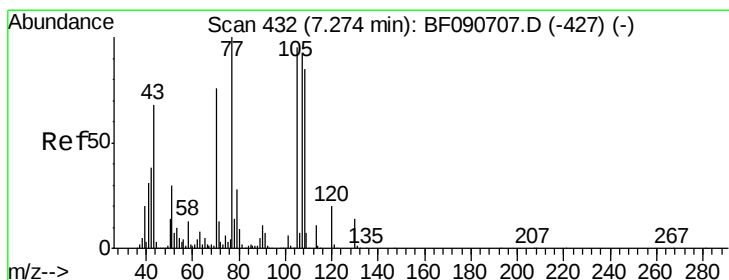
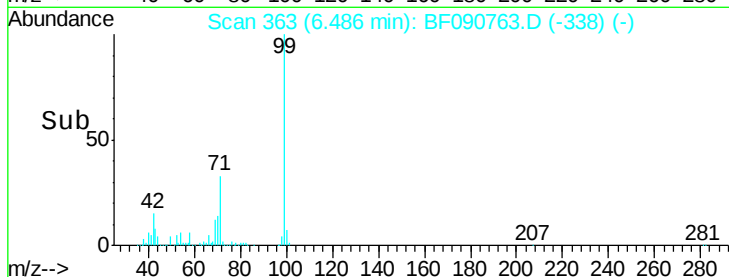
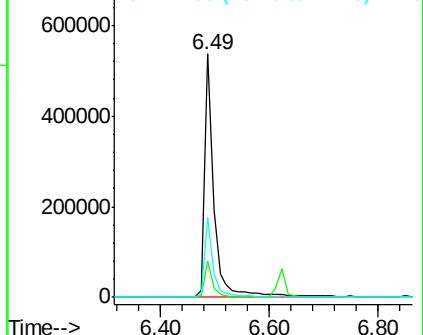
71 32.9 14.2 21.2#



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: 12.65 ng

RT: 7.42 min Scan# 445

Delta R.T. 0.15 min

Lab File: BF090763.D

Acq: 22 Oct 2016 15:38

Tgt Ion: 70 Resp: 195175

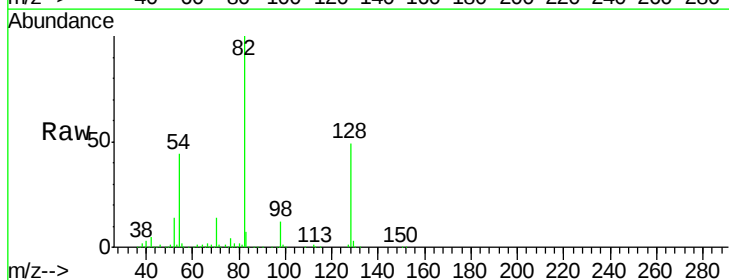
Ion Ratio Lower Upper

70 100

42 35.9 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

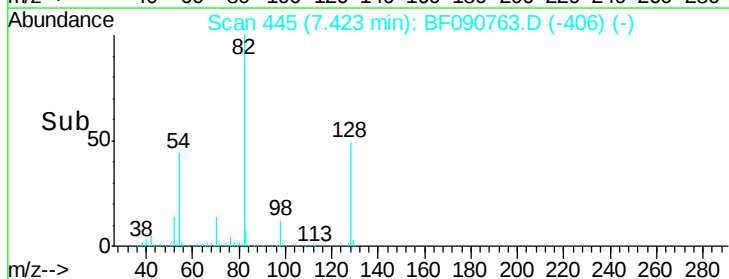
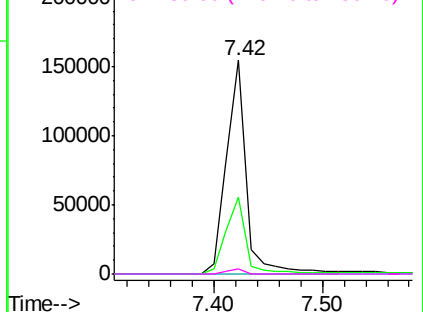


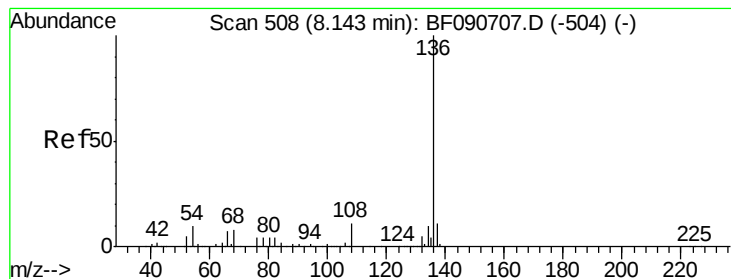
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

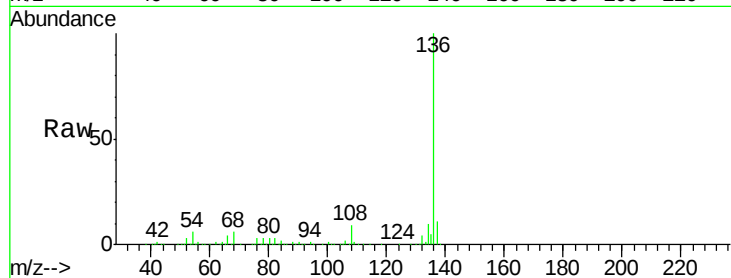




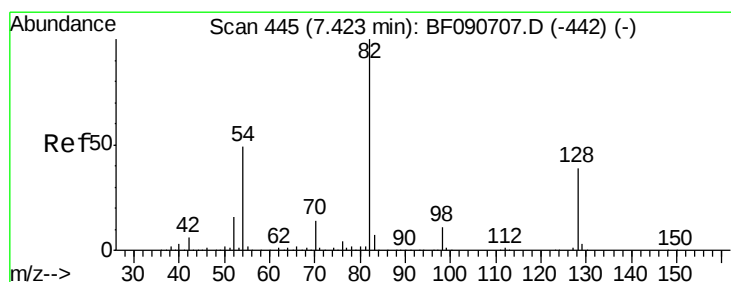
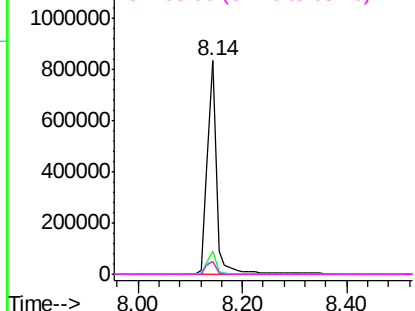
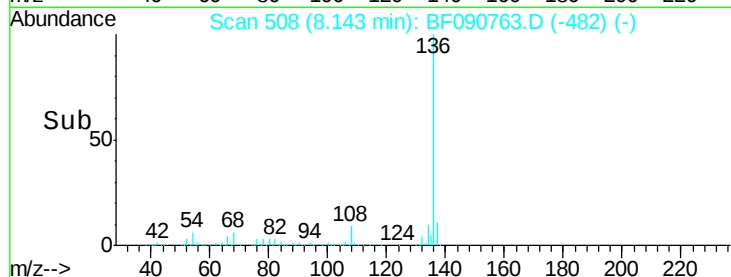
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090763.D
Acq: 22 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
MW-05S-102016

Tgt Ion:136 Resp: 1036017
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.1 8.2 12.2#
68 5.8 5.8 8.6

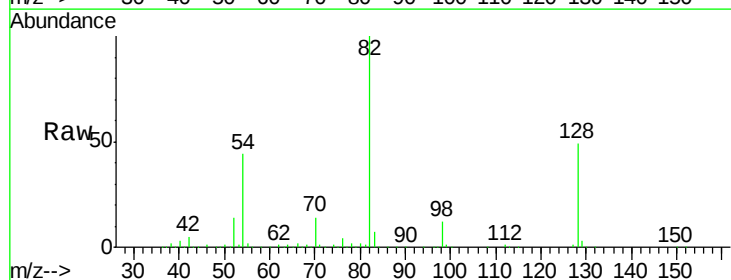


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

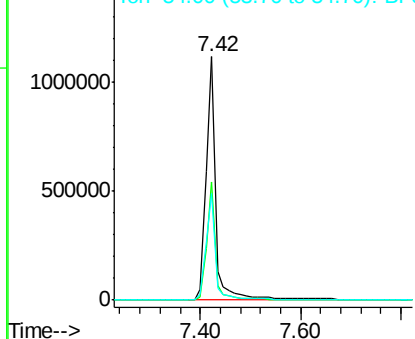
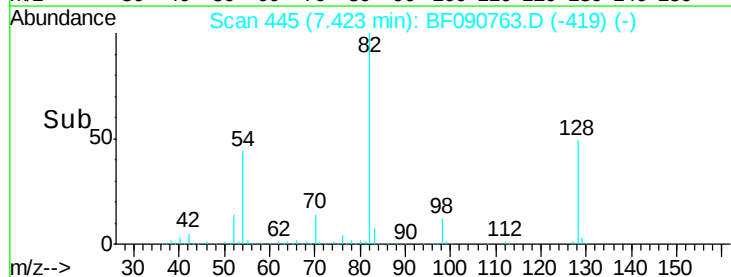


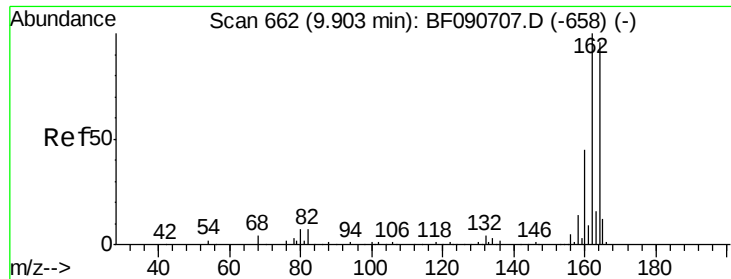
#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 7.42 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090763.D
Acq: 22 Oct 2016 15:38

Tgt Ion: 82 Resp: 1510401
Ion Ratio Lower Upper
82 100
128 48.8 51.0 76.6#
54 43.9 47.5 71.3#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF090763.D

Acq: 22 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MW-05S-102016

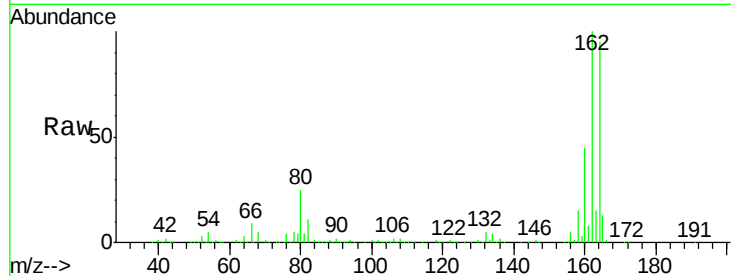
Tgt Ion:164 Resp: 533773

Ion Ratio Lower Upper

164 100

162 105.4 75.2 112.8

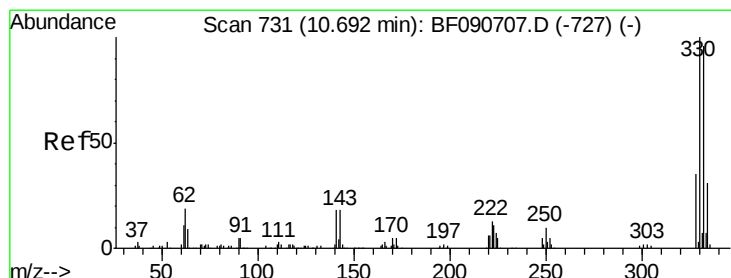
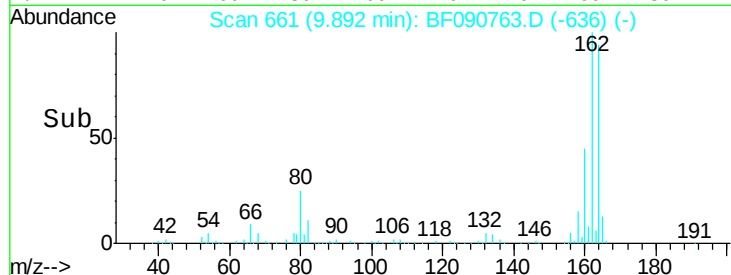
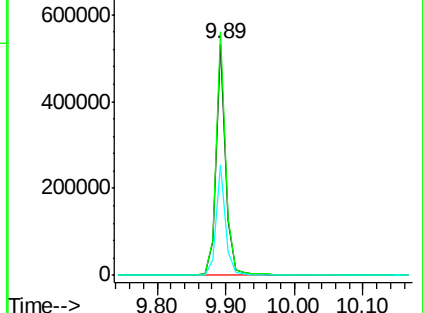
160 47.7 31.5 47.3#



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: 109.03 ng

RT: 10.69 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090763.D

Acq: 22 Oct 2016 15:38

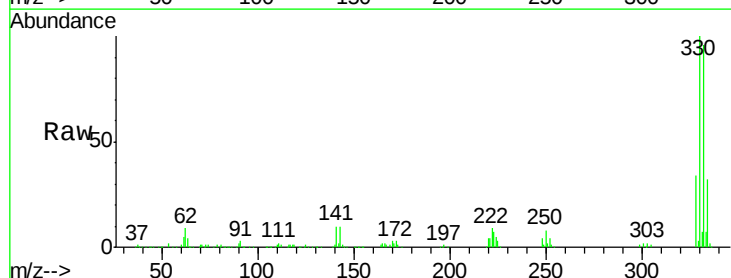
Tgt Ion:330 Resp: 460612

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

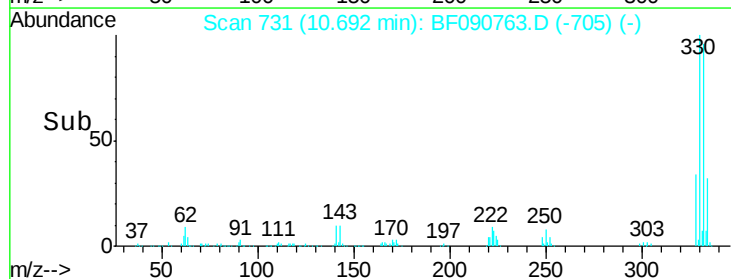
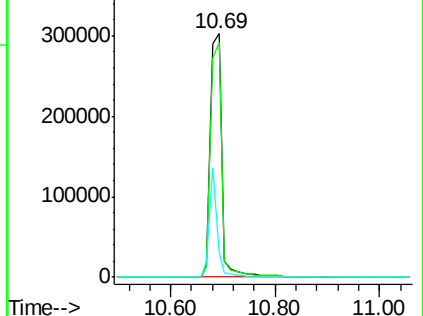
141 30.7 29.7 44.5

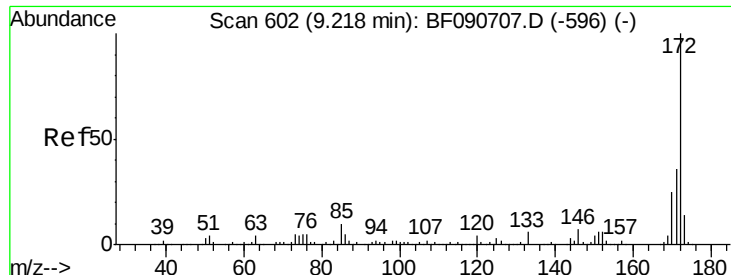


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

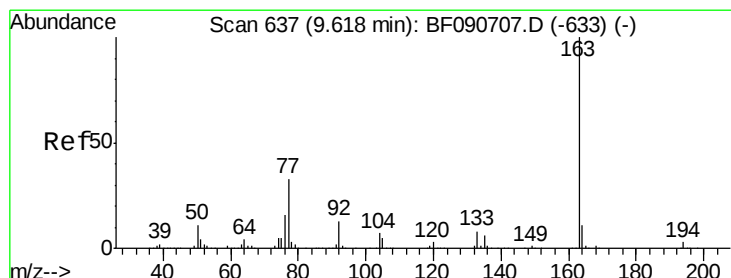
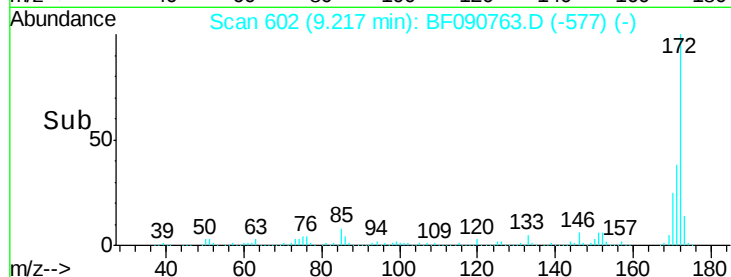
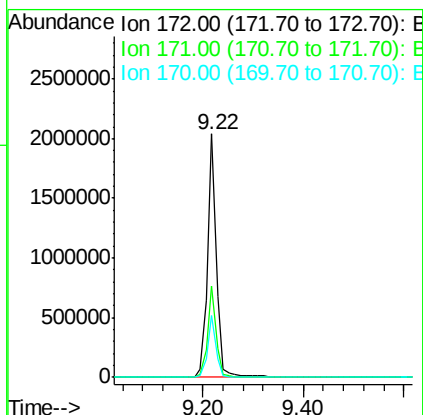
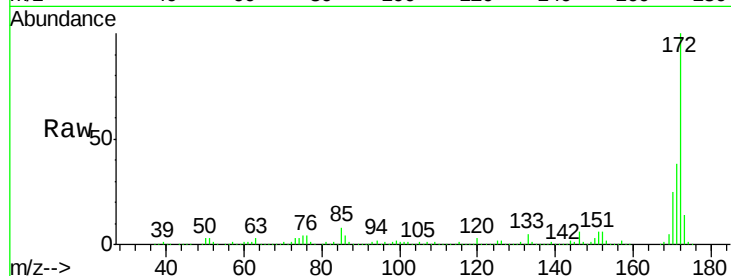




#44
 2-Fluorobiphenyl
 Concen: 73.64 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090763.D
 Acq: 22 Oct 2016 15:38

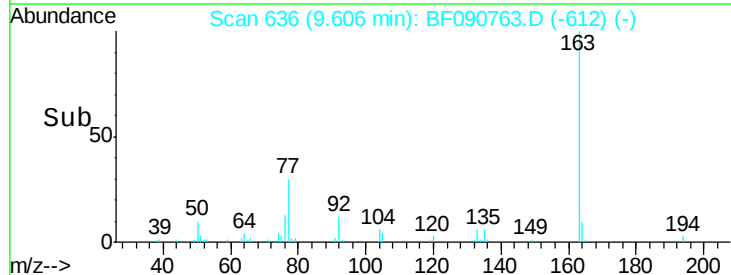
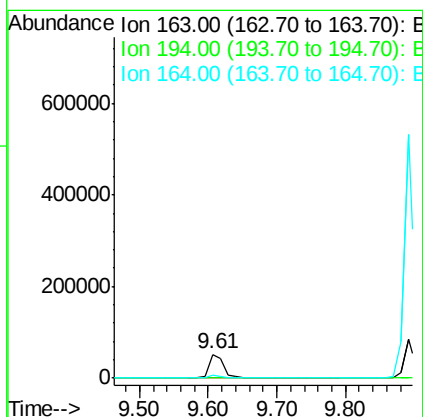
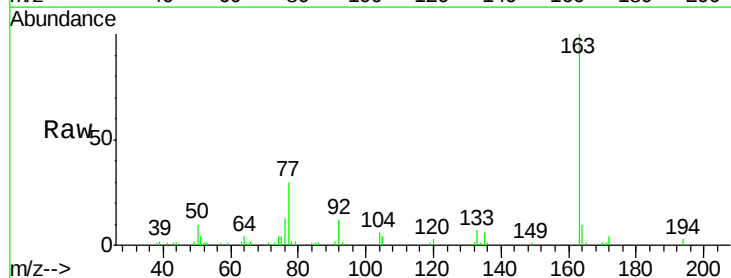
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 MW-05S-102016

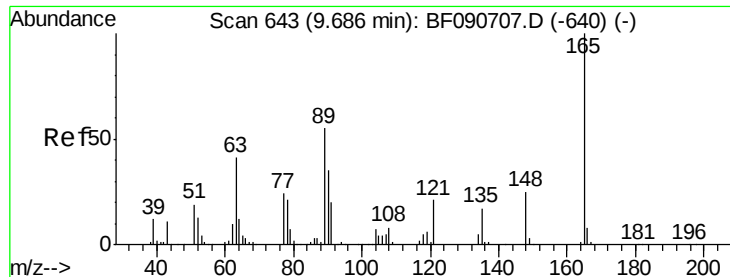
Tgt Ion:172 Resp: 2532152
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 2.41 ng
 RT: 9.61 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF090763.D
 Acq: 22 Oct 2016 15:38

Tgt Ion:163 Resp: 80952
 Ion Ratio Lower Upper
 163 100
 194 2.7 4.4 6.6#
 164 10.2 8.3 12.5

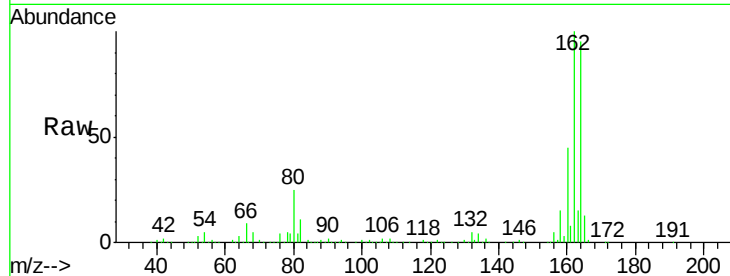




#50
2,6-Dinitrotoluene
Concen: 9.41 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090763.D
Acq: 22 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
MW-05S-102016

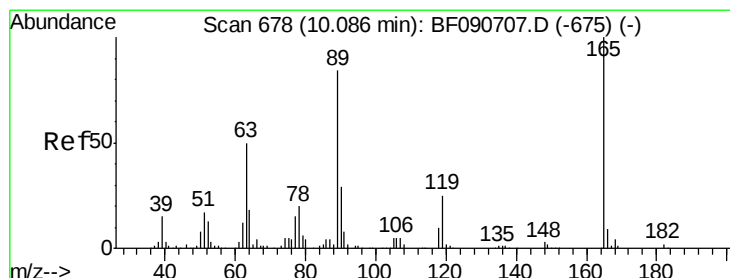
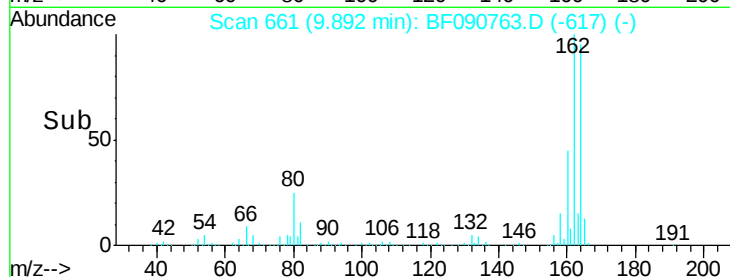
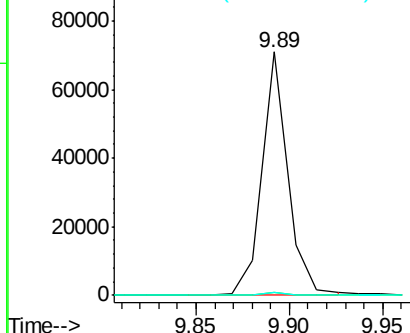
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.3	48.5#
89	1.0	28.6	43.0#



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: 7.78 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090763.D
Acq: 22 Oct 2016 15:38

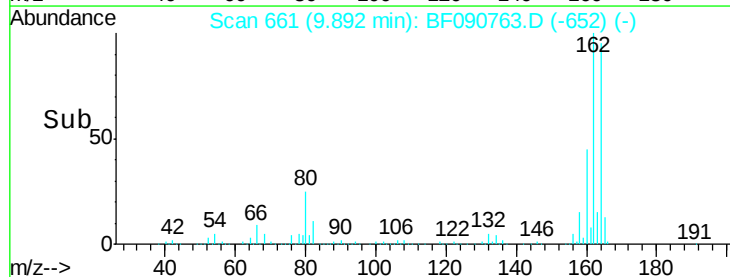
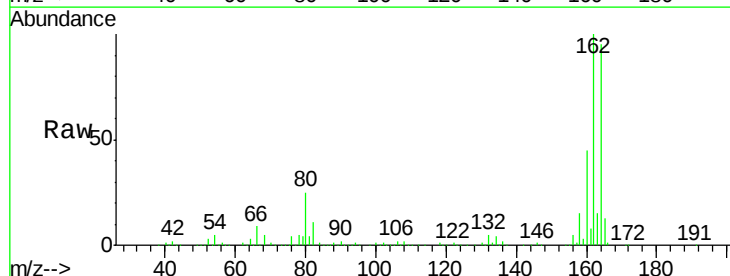
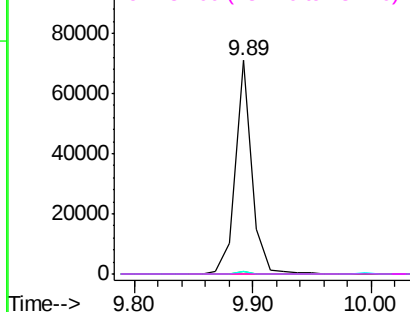
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#

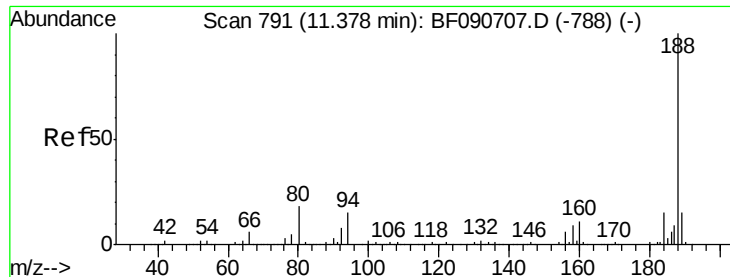
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

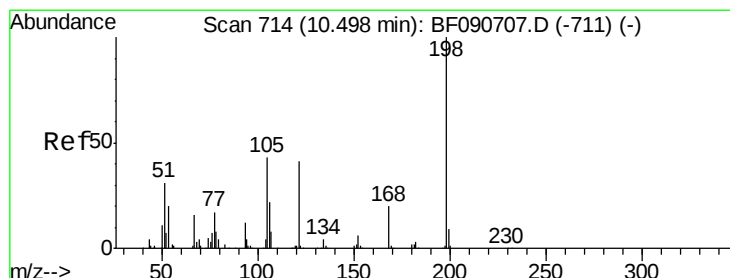
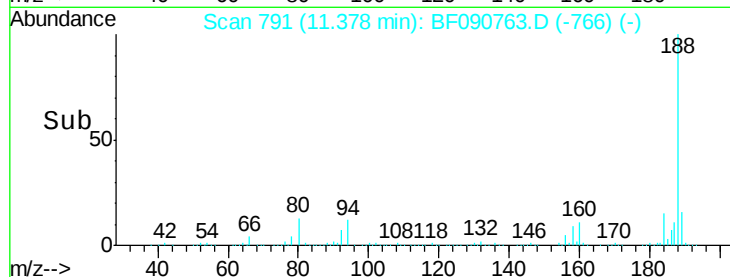
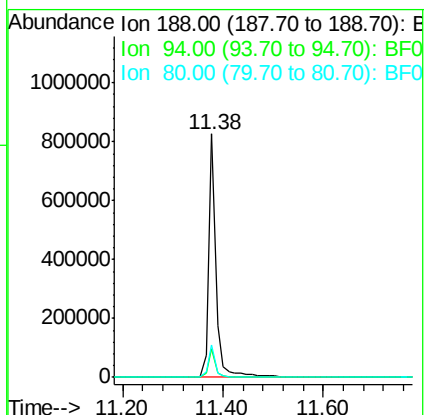
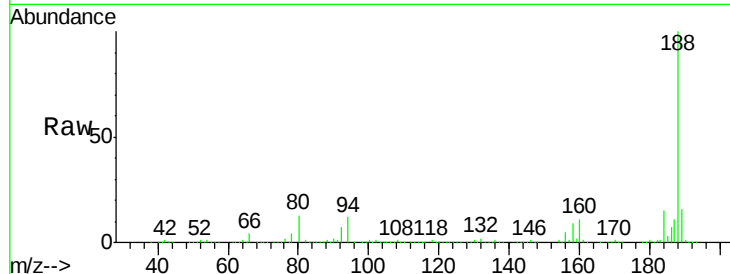




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090763.D
Acq: 22 Oct 2016 15:38

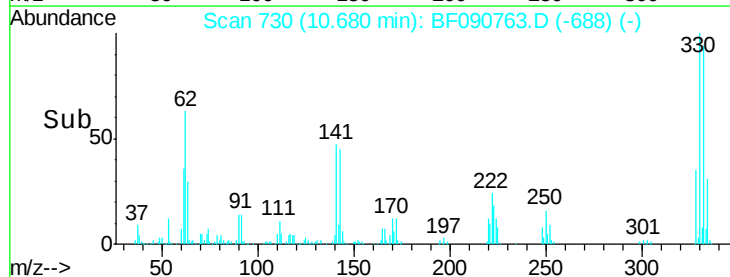
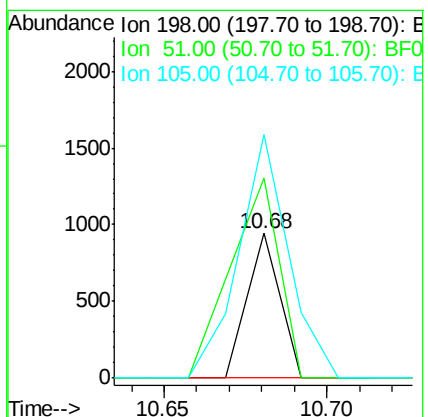
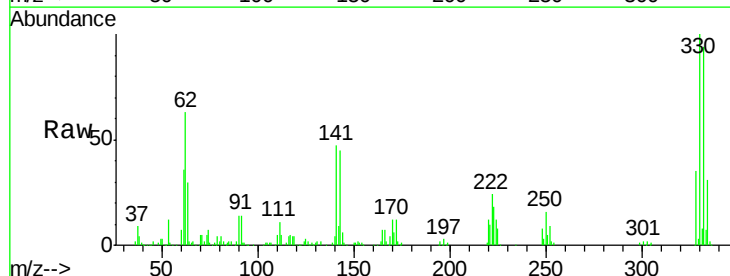
Instrument :
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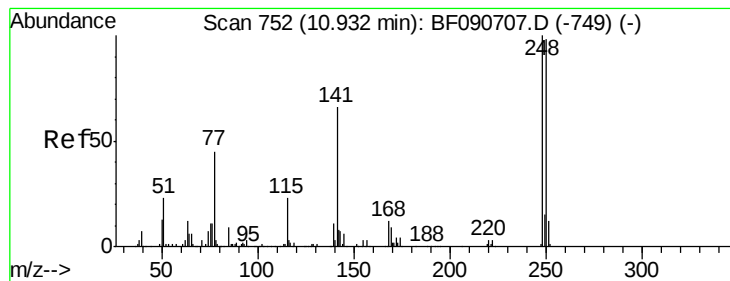
Tgt Ion:188 Resp: 847627
Ion Ratio Lower Upper
188 100
94 12.0 11.1 16.7
80 13.2 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 4.29 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090763.D
Acq: 22 Oct 2016 15:38

Tgt Ion:198 Resp: 646
Ion Ratio Lower Upper
198 100
51 138.2 39.6 79.6#
105 168.5 28.5 68.5#





#66

4-Bromophenyl-phenylether

Concen: 3.35 ng

RT: 10.68 min Scan# 730

Delta R.T. -0.25 min

Lab File: BF090763.D

Acq: 22 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

MW-05S-102016

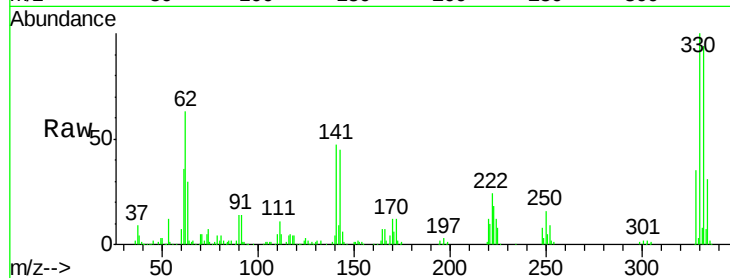
Tgt Ion:248 Resp: 27548

Ion Ratio Lower Upper

248 100

250 194.1 78.5 117.7#

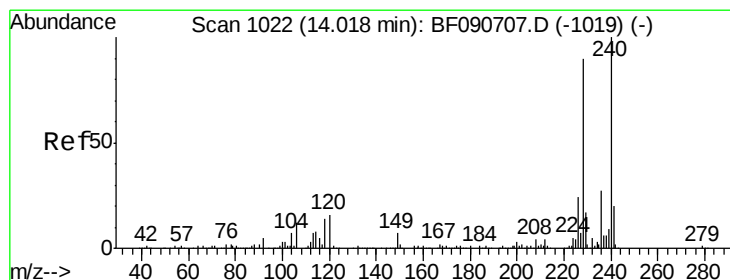
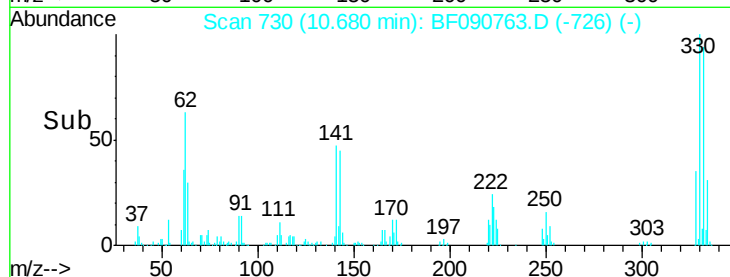
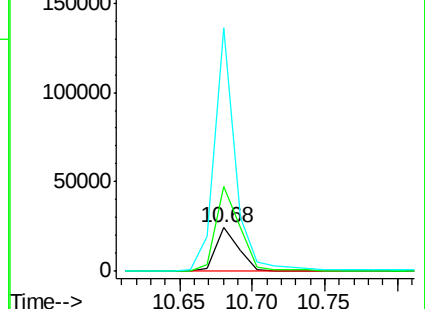
141 557.6 59.0 88.6#



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: 14.02 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF090763.D

Acq: 22 Oct 2016 15:38

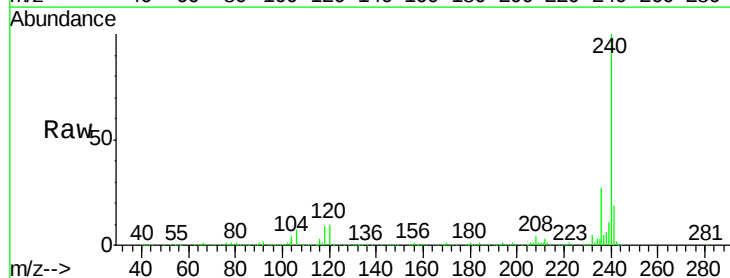
Tgt Ion:240 Resp: 550777

Ion Ratio Lower Upper

240 100

120 10.1 16.2 24.2#

236 26.7 18.4 27.6



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

