

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090756.D
 Acq On : 22 Oct 2016 12:26
 Operator : UM/SJ
 Sample : H5367-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-101916

Quant Time: Oct 24 00:48:36 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

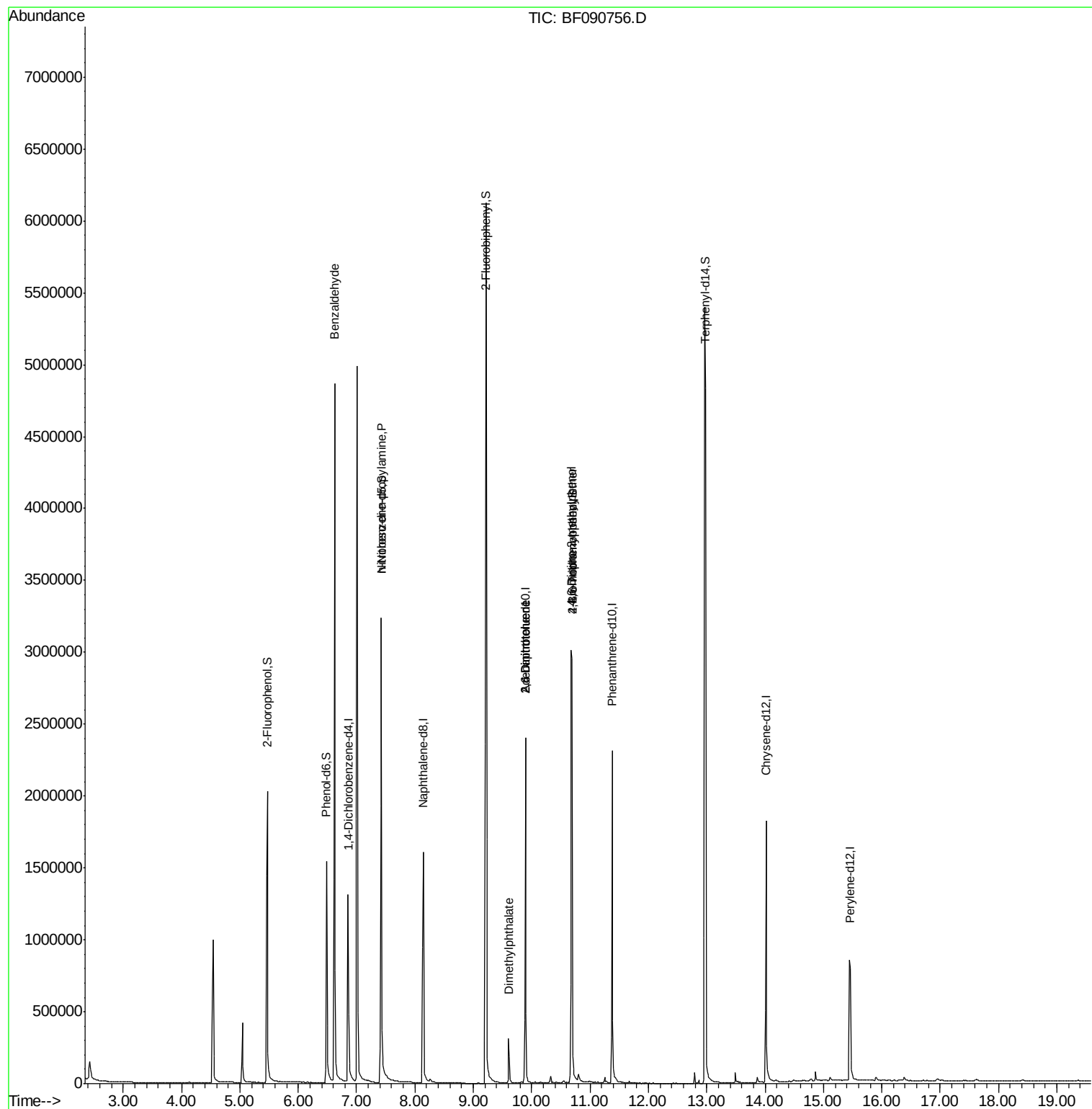
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	250439	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1061470	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	556646	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	931561	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	715617	20.00	ng	0.00
86) Perylene-d12	15.46	264	502811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	839770	54.08	ng	0.01
7) Phenol-d6	6.49	99	620892	29.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1648742	85.19	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	745838	169.28	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2617049	72.98	ng	-0.01
78) Terphenyl-d14	12.98	244	2894702	92.71	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	32690	2.84	ng	# 62
19) n-Nitroso-di-n-propylamine	7.42	70	216277	13.81	ng	# 51
49) Dimethylphthalate	9.61	163	180731	5.17	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	71389	9.49	ng	# 38
56) 2,4-Dinitrotoluene	9.89	165	72082	7.84	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1093	4.35	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	47808	5.29	ng	# 1

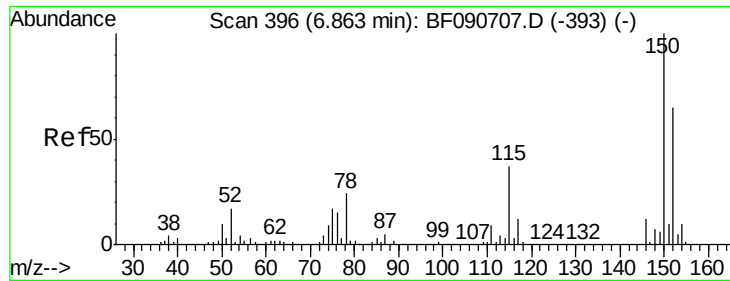
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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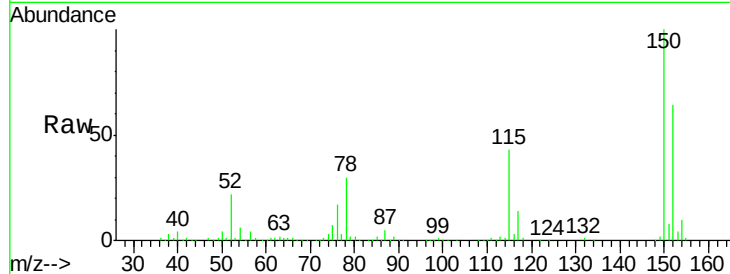


#1

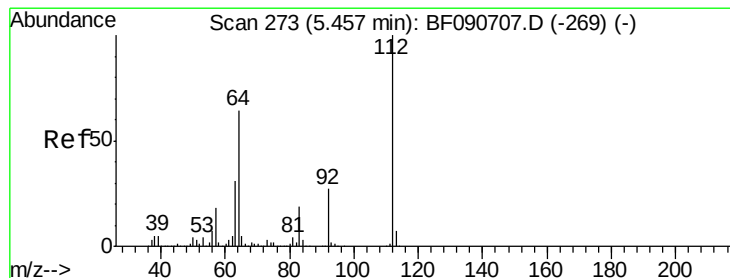
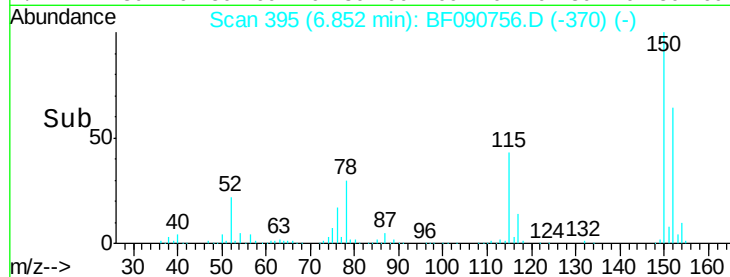
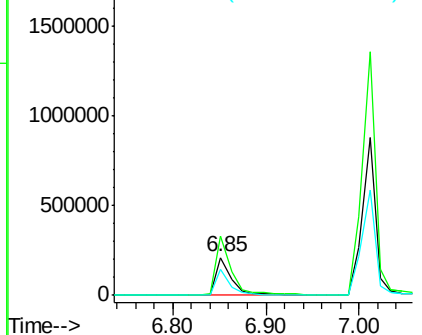
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

Instrument :
BNA_F
ClientSampleId :
MW-04S-101916

Tgt Ion:152 Resp: 250439
Ion Ratio Lower Upper
152 100
150 157.4 124.7 187.1
115 67.1 39.0 58.4#



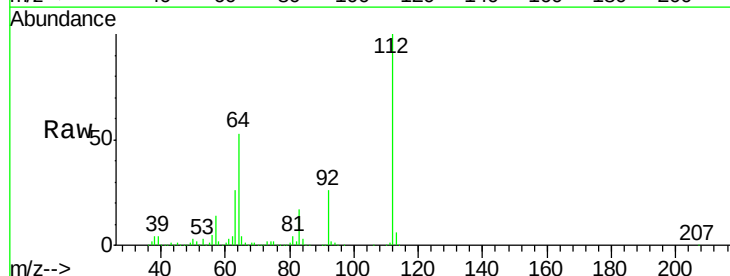
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



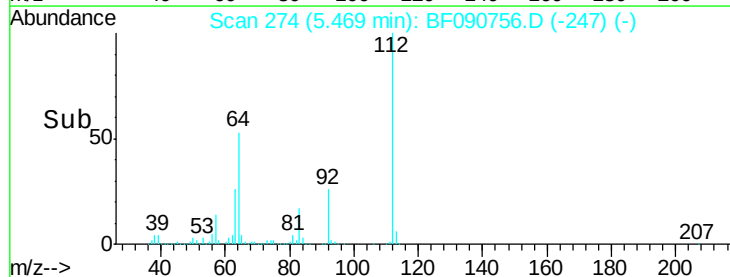
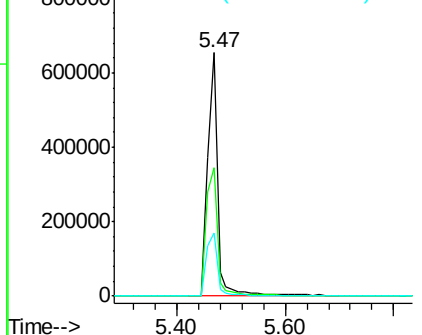
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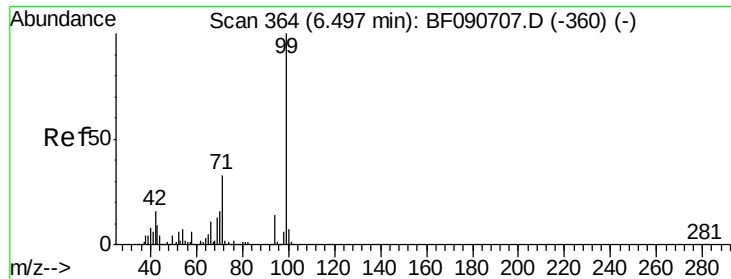
2-Fluorophenol
Concen: 54.08 ng
RT: 5.47 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

Tgt Ion:112 Resp: 839770
Ion Ratio Lower Upper
112 100
64 53.0 39.7 59.5
63 26.1 17.4 26.0#



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: 29.52 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

Instrument :

BNA_F

ClientSampleId :

MW-04S-101916

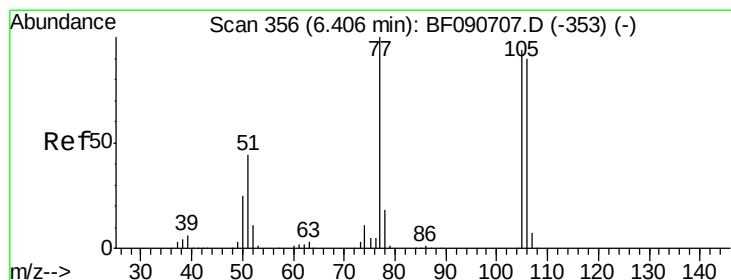
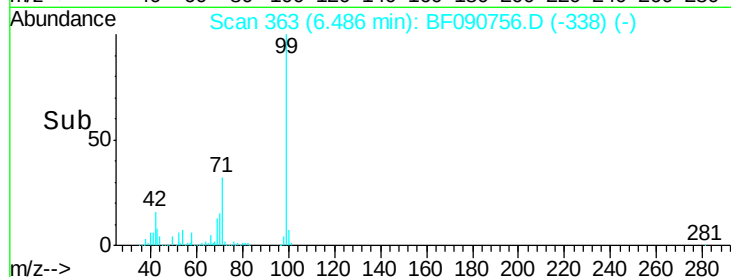
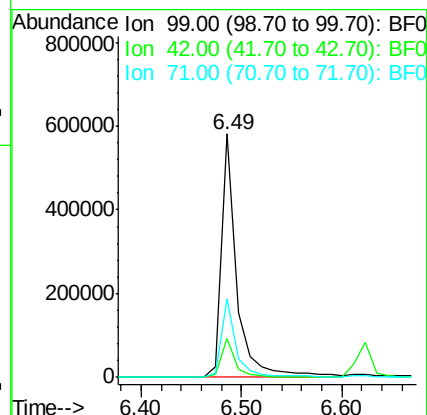
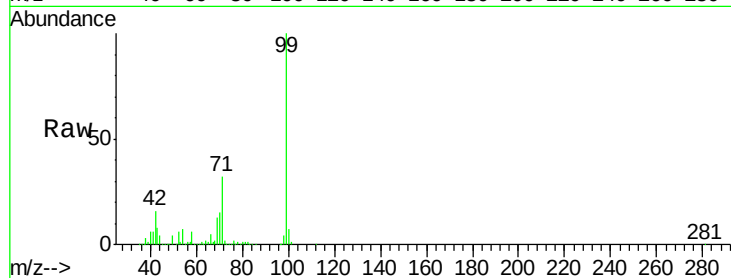
Tgt Ion: 99 Resp: 620892

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 32.3 14.2 21.2#



#9

Benzaldehyde

Concen: 2.84 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

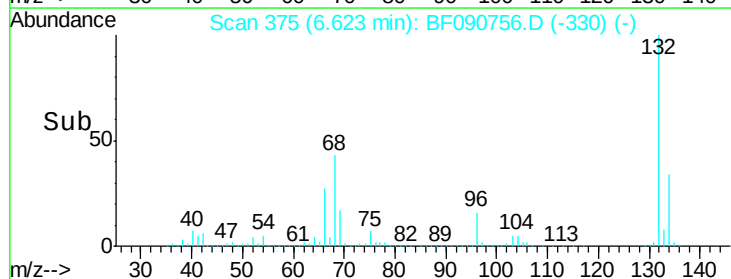
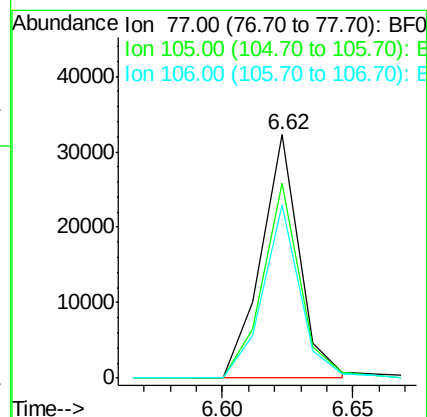
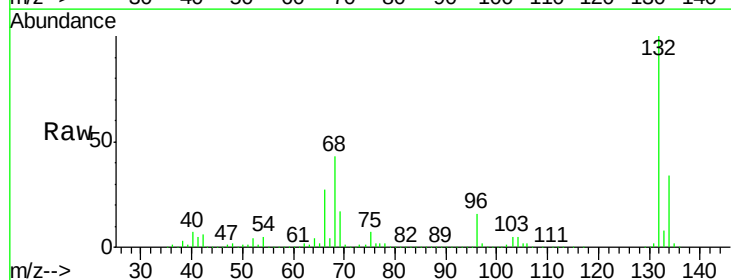
Tgt Ion: 77 Resp: 32690

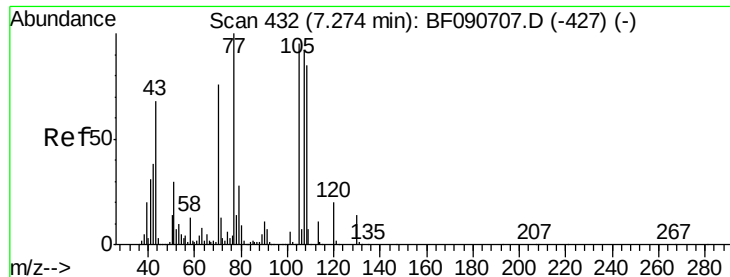
Ion Ratio Lower Upper

77 100

105 80.0 91.6 131.6#

106 71.0 102.6 142.6#

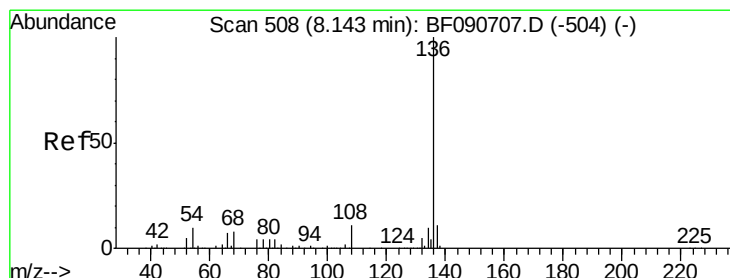
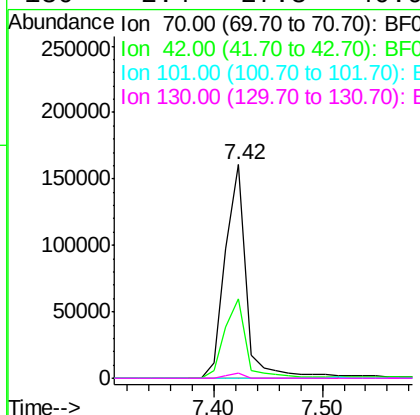
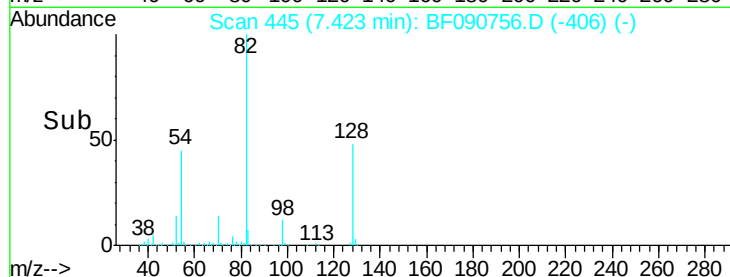
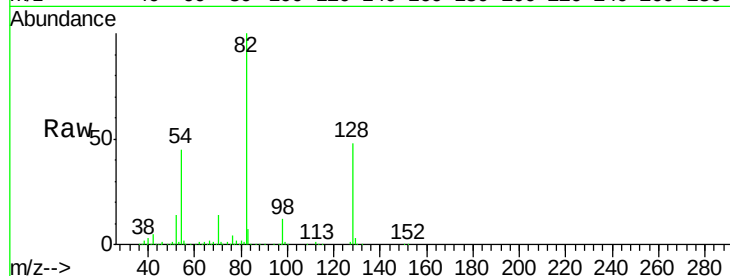




#19
n-Nitroso-di-n-propylamine
Concen: 13.81 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

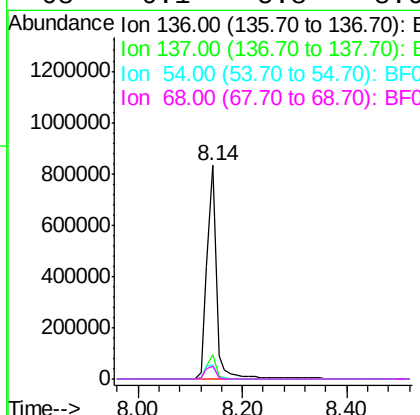
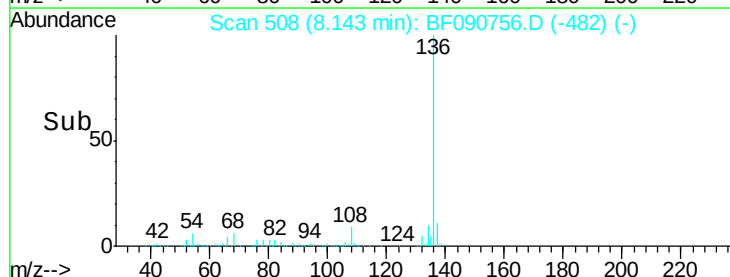
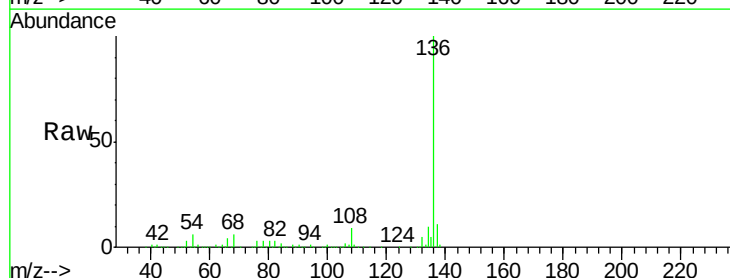
Instrument :
BNA_F
ClientSampleId :
MW-04S-101916

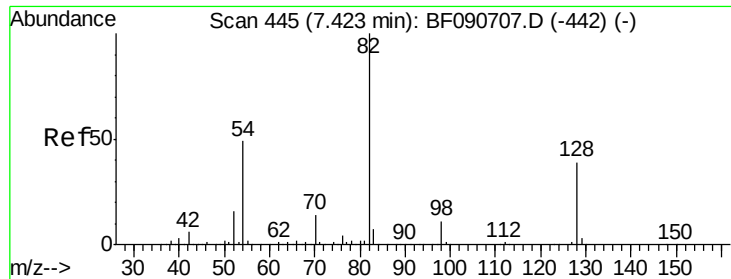
Tgt Ion: 70 Resp: 216277
Ion Ratio Lower Upper
70 100
42 37.0 63.8 95.6#
101 0.0 9.2 13.8#
130 2.4 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

Tgt Ion: 136 Resp: 1061470
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 6.5 8.2 12.2#
68 6.1 5.8 8.6

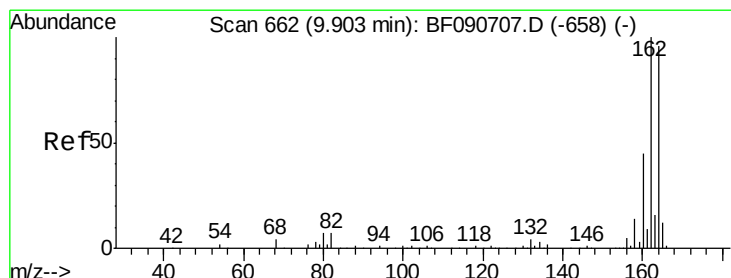
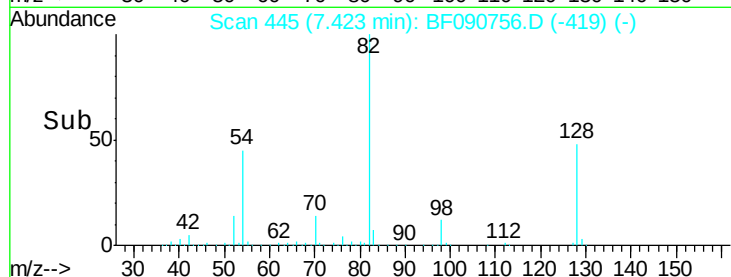
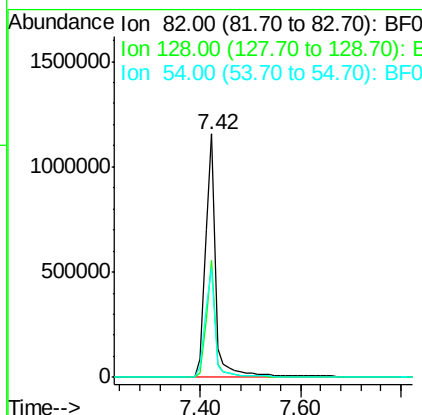
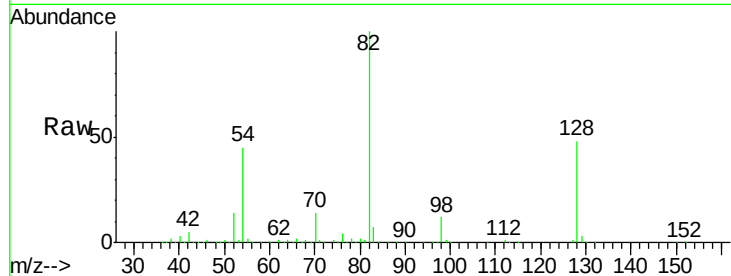




#23
 Nitrobenzene-d5
 Concen: 85.19 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

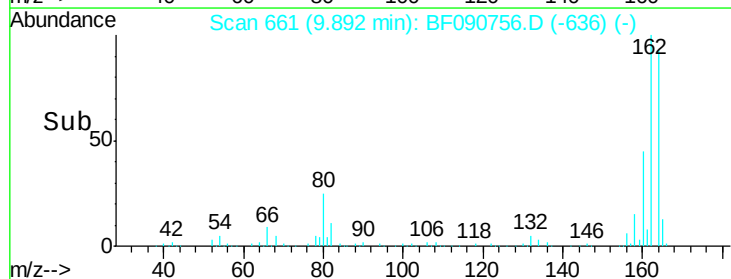
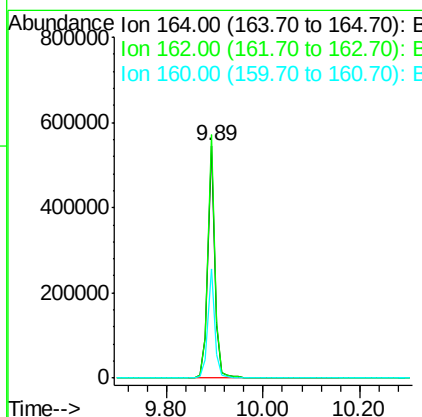
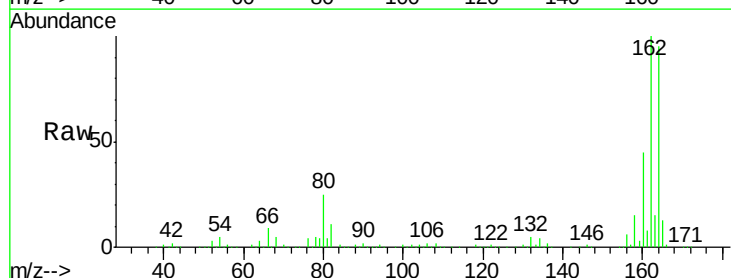
Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-101916

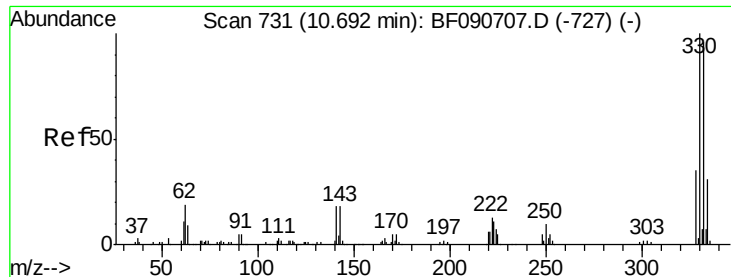
Tgt Ion: 82 Resp: 1648742
 Ion Ratio Lower Upper
 82 100
 128 47.9 51.0 76.6#
 54 44.8 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Tgt Ion: 164 Resp: 556646
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 47.2 31.5 47.3

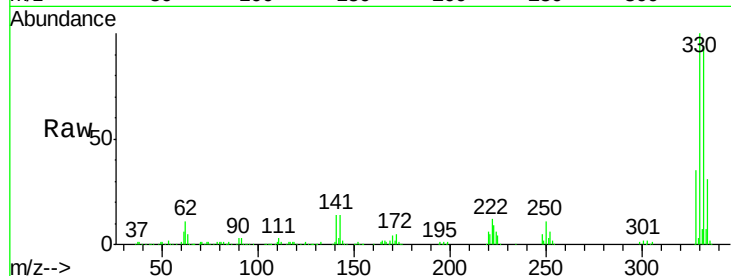




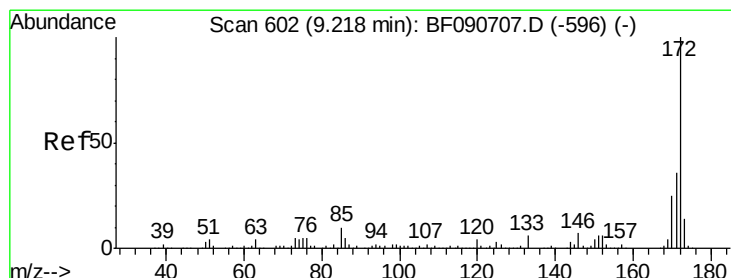
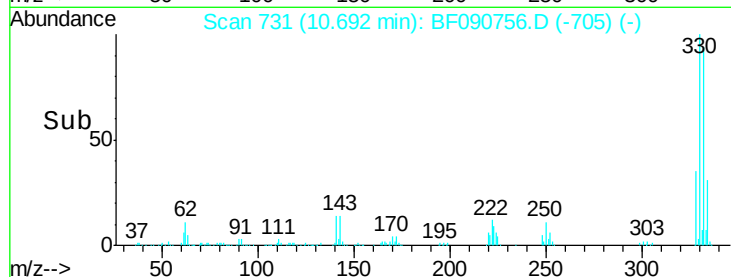
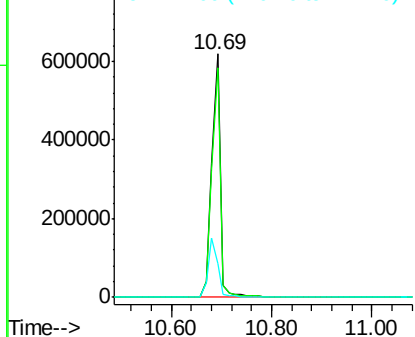
#41
 2,4,6-Tribromophenol
 Concen: 169.28 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-101916

Tgt Ion:330 Resp: 745838
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 28.1 29.7 44.5#

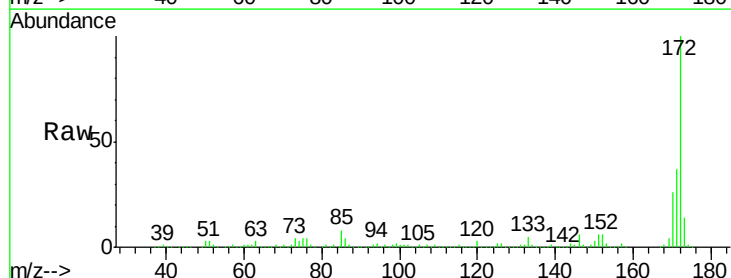


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

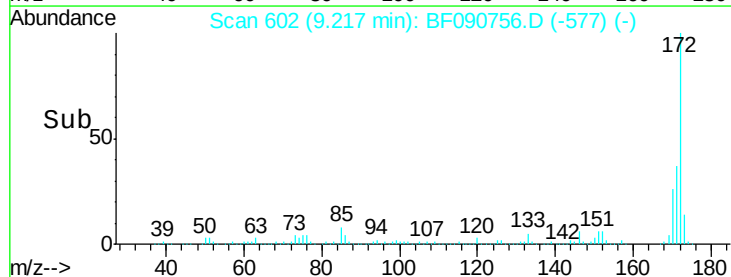
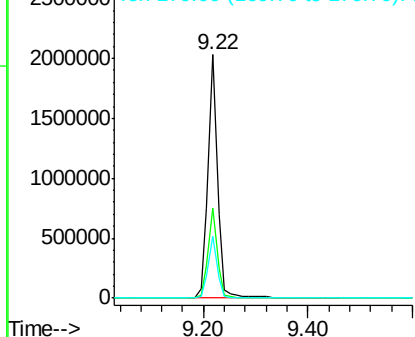


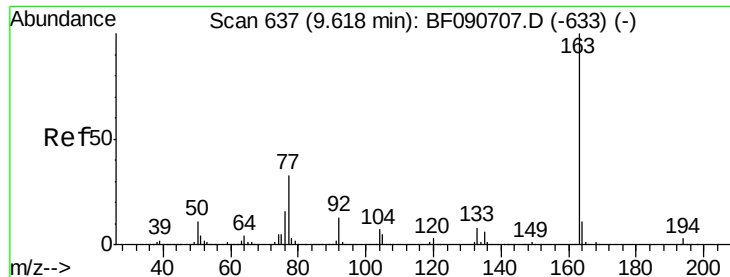
#44
 2-Fluorobiphenyl
 Concen: 72.98 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Tgt Ion:172 Resp: 2617049
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.6 17.4 26.2



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: 5.17 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

Instrument :

BNA_F

ClientSampleId :

MW-04S-101916

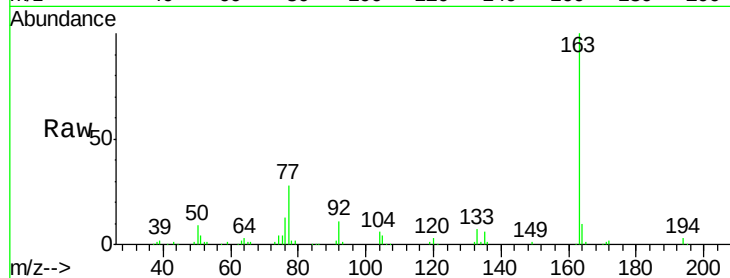
Tgt Ion:163 Resp: 180731

Ion Ratio Lower Upper

163 100

194 2.6 4.4 6.6#

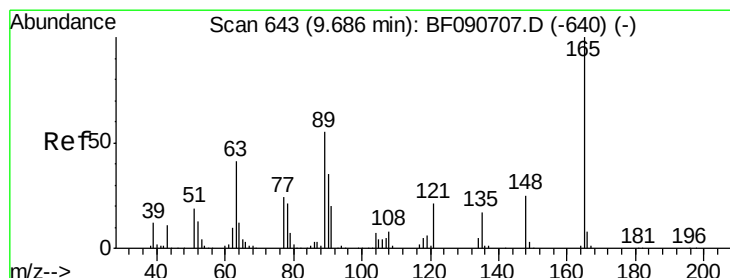
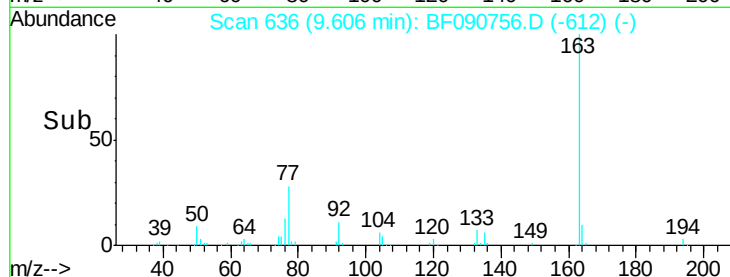
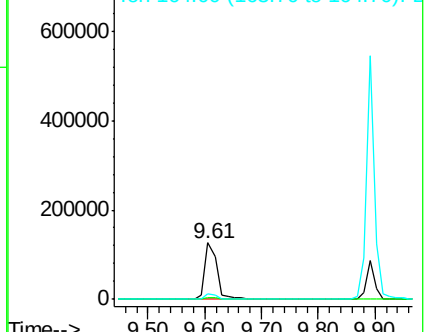
164 10.3 8.3 12.5



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: 9.49 ng

RT: 9.89 min Scan# 661

Delta R.T. 0.21 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

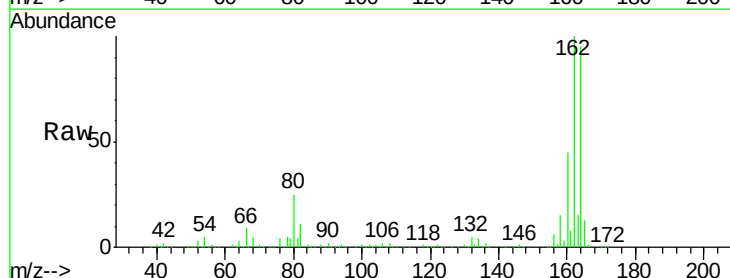
Tgt Ion:165 Resp: 71389

Ion Ratio Lower Upper

165 100

63 0.8 32.3 48.5#

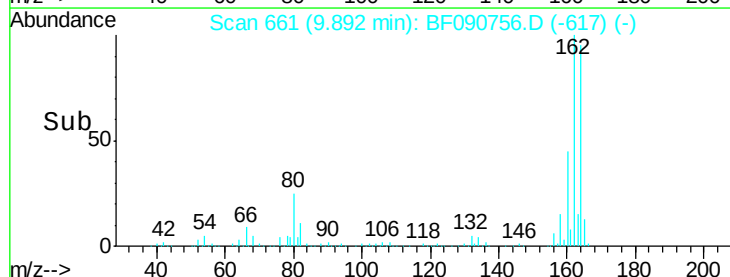
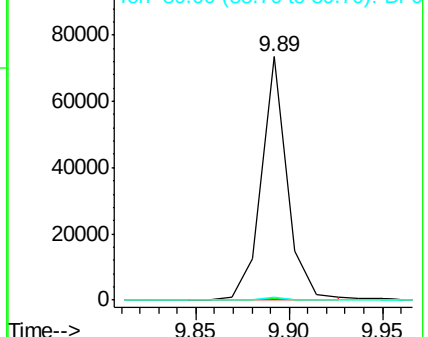
89 1.0 28.6 43.0#

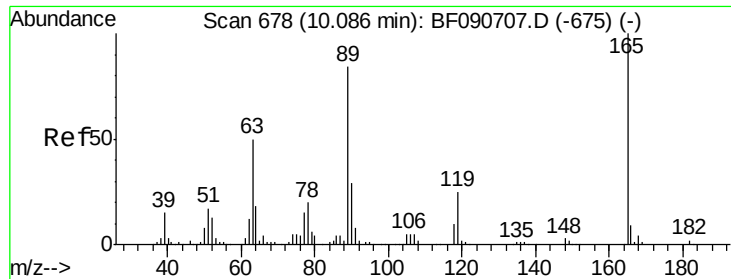


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

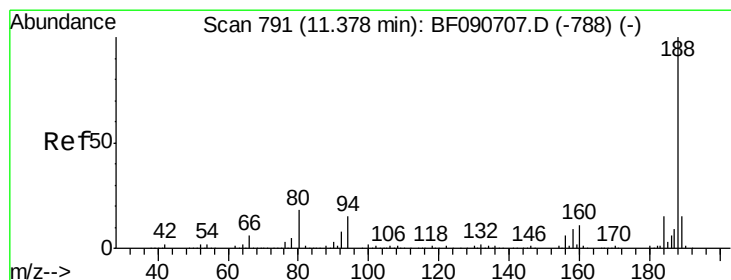
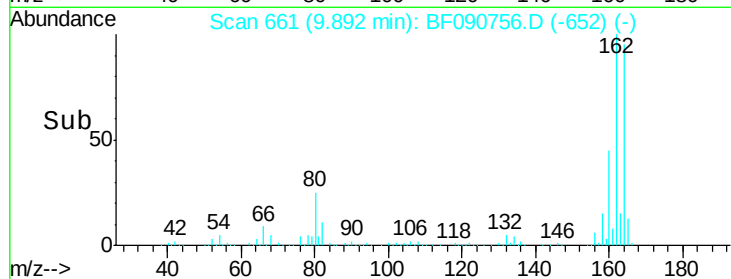
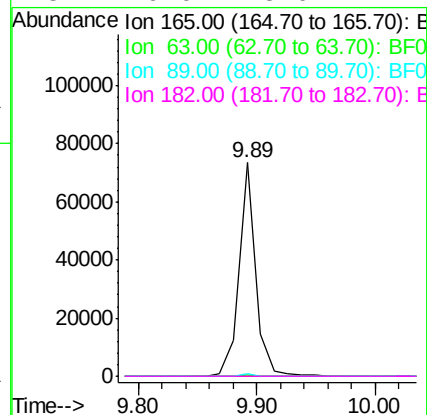
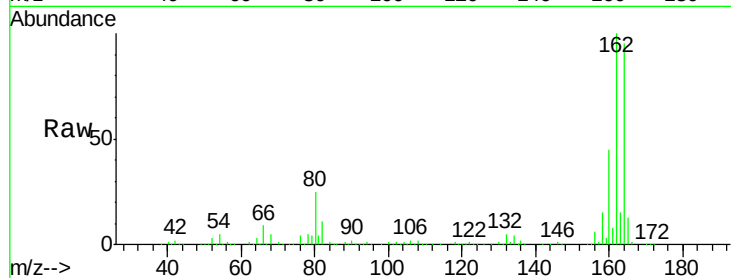




#56
 2,4-Dinitrotoluene
 Concen: 7.84 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.19 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

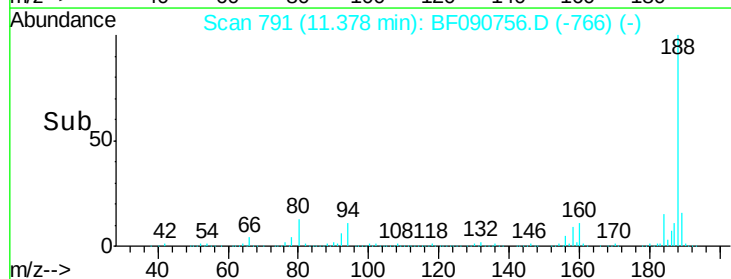
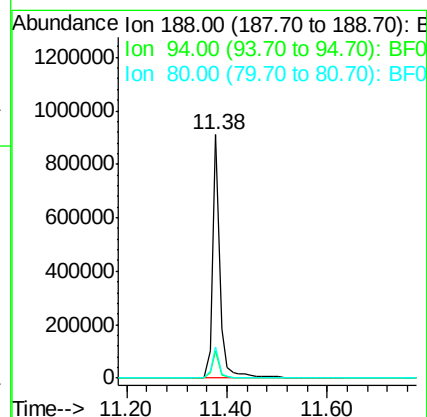
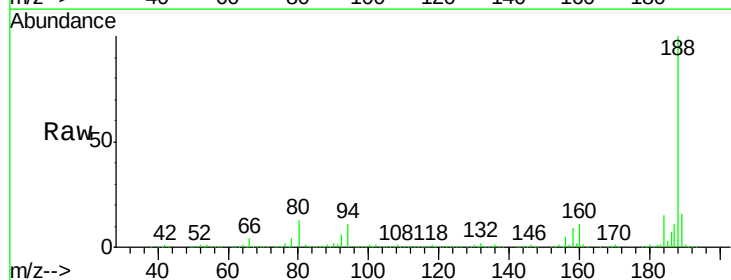
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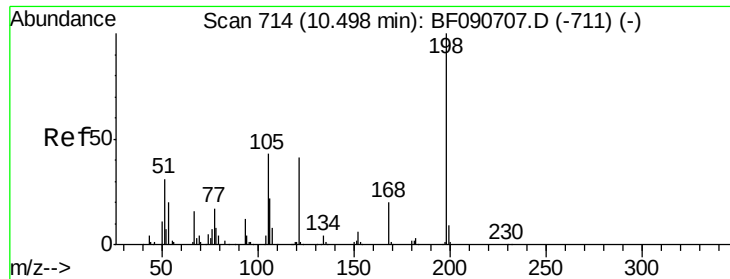
Tgt Ion:	165	Resp:	72082
Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.6#
89	1.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Tgt Ion:	188	Resp:	931561
Ion	Ratio	Lower	Upper
188	100		
94	11.5	11.1	16.7
80	12.6	11.0	16.4

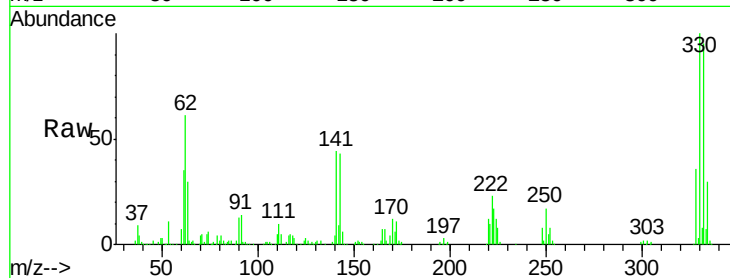




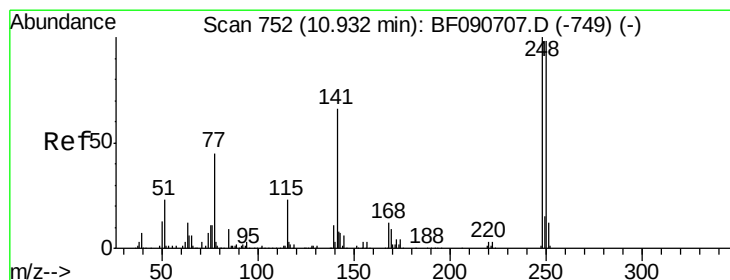
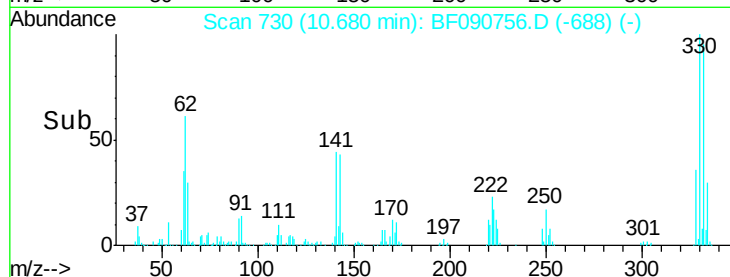
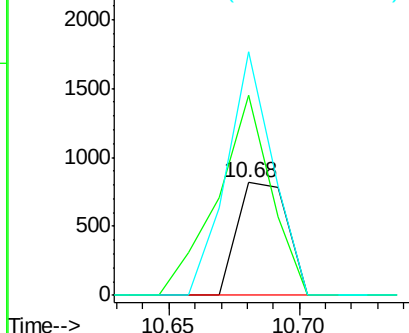
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.35 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-04S-101916

Tgt Ion:198 Resp: 1093
 Ion Ratio Lower Upper
 198 100
 51 177.7 39.6 79.6#
 105 216.3 28.5 68.5#

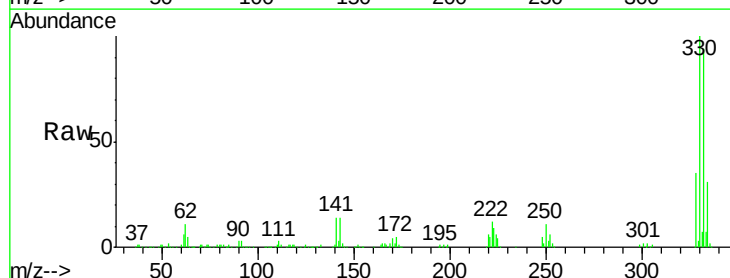


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

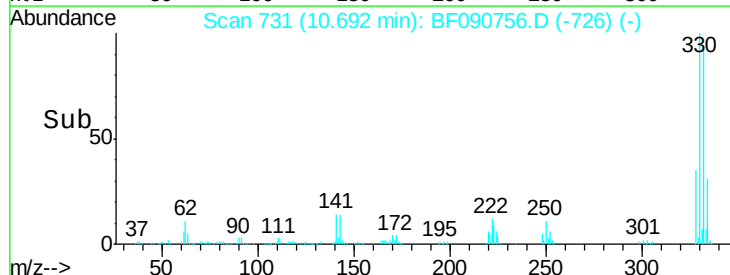
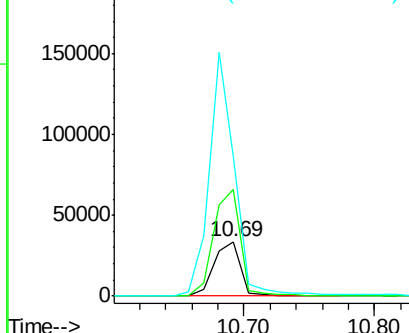


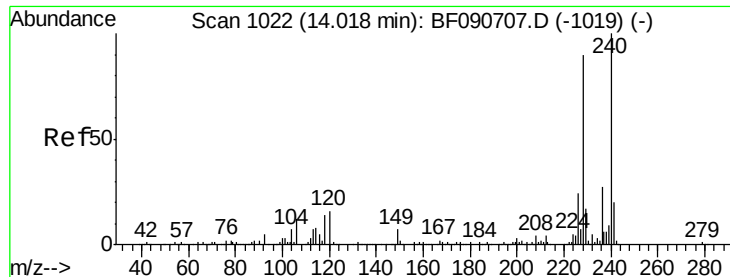
#66
 4-Bromophenyl-phenylether
 Concen: 5.29 ng
 RT: 10.69 min Scan# 731
 Delta R.T. -0.24 min
 Lab File: BF090756.D
 Acq: 22 Oct 2016 12:26

Tgt Ion:248 Resp: 47808
 Ion Ratio Lower Upper
 248 100
 250 196.3 78.5 117.7#
 141 257.5 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: BF090756.D

Acq: 22 Oct 2016 12:26

Instrument :

BNA_F

ClientSampleId :

MW-04S-101916

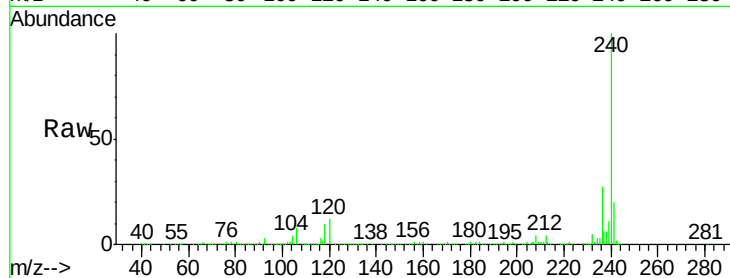
Tgt Ion:240 Resp: 715617

Ion Ratio Lower Upper

240 100

120 11.7 16.2 24.2#

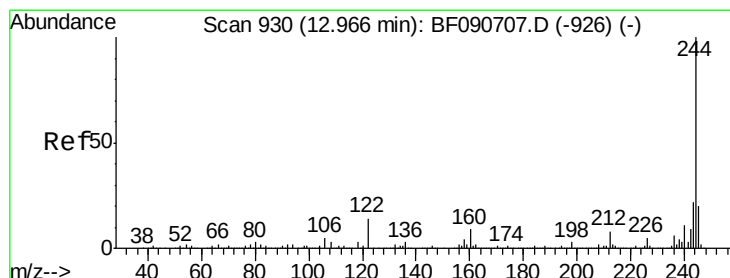
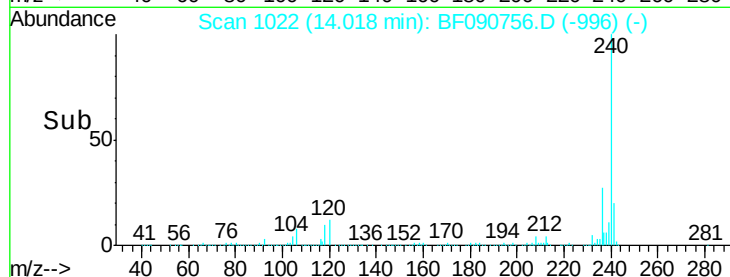
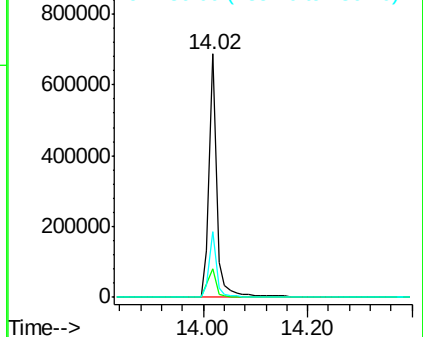
236 26.9 18.4 27.6



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



#78

Terphenyl-d14

Concen: 92.71 ng

RT: 12.98 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090756.D

Acq: 22 Oct 2016 12:26

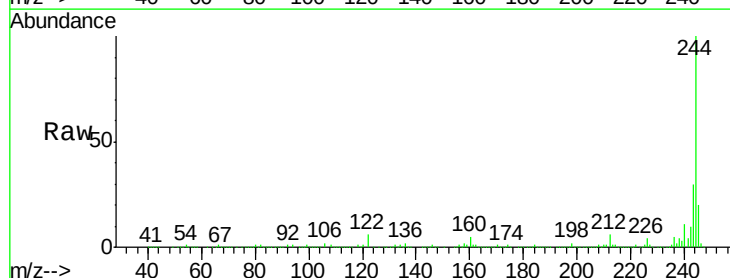
Tgt Ion:244 Resp: 2894702

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

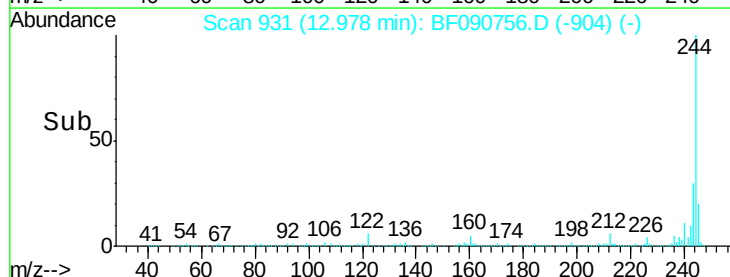
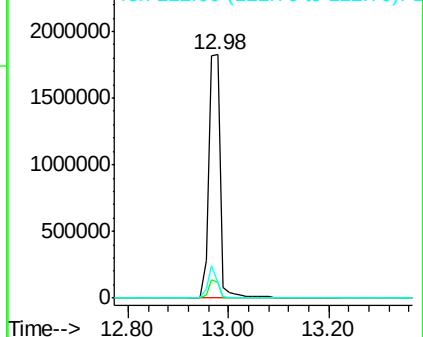
122 6.3 17.4 26.2#

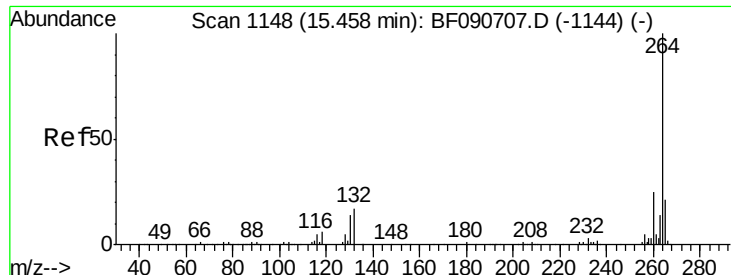


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

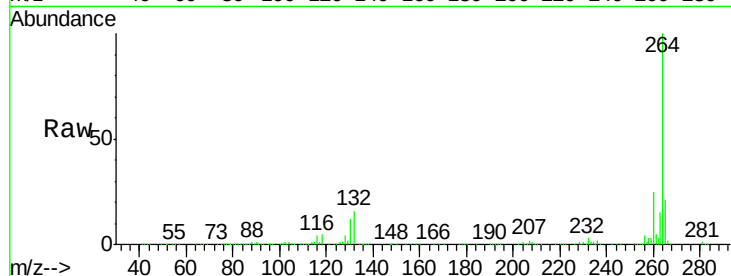




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF090756.D
Acq: 22 Oct 2016 12:26

Instrument :
BNA_F
ClientSampleId :
MW-04S-101916

Tgt Ion: 264 Resp: 502811
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 21.4 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

