

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090752.D
 Acq On : 22 Oct 2016 10:36
 Operator : UM/SJ
 Sample : H5367-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-031-101916

Quant Time: Oct 24 00:47:41 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

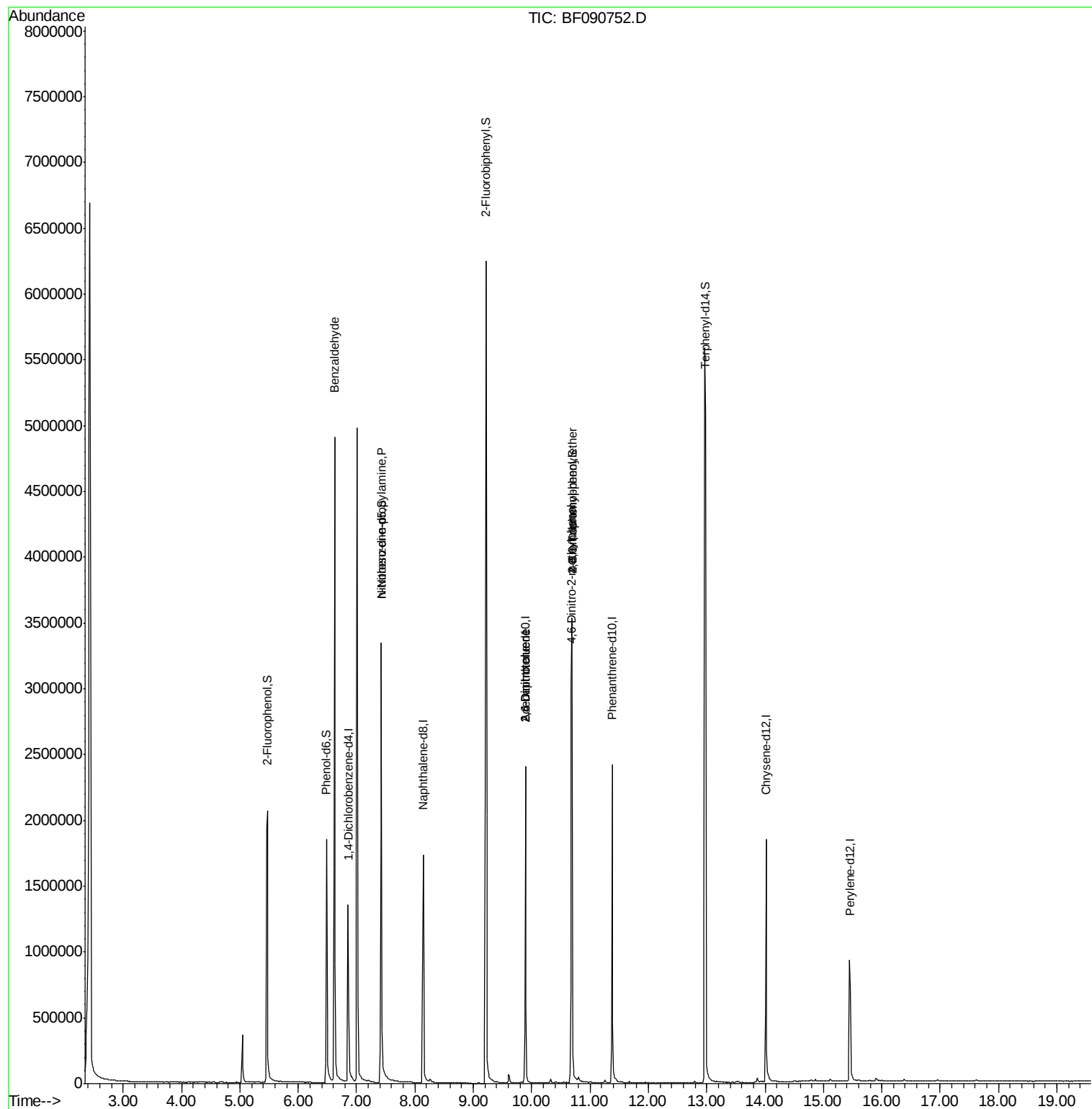
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	252547	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1081014	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	553144	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	920828	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	696743	20.00	ng	0.00
86) Perylene-d12	15.45	264	484788	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	947042	60.48	ng	0.01
7) Phenol-d6	6.49	99	723168	34.09	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1677525	85.11	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	745818	170.35	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2662561	74.72	ng	-0.01
78) Terphenyl-d14	12.98	244	2945045	96.87	ng	0.01
Target Compounds						
9) Benzaldehyde	6.62	77	34367	2.96	ng	# 61
19) n-Nitroso-di-n-propylamine	7.42	70	223945	14.18	ng	# 52
50) 2,6-Dinitrotoluene	9.89	165	71049	9.51	ng	# 39
56) 2,4-Dinitrotoluene	9.89	165	71881	7.87	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1376	4.39	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	50472	5.65	ng	# 1

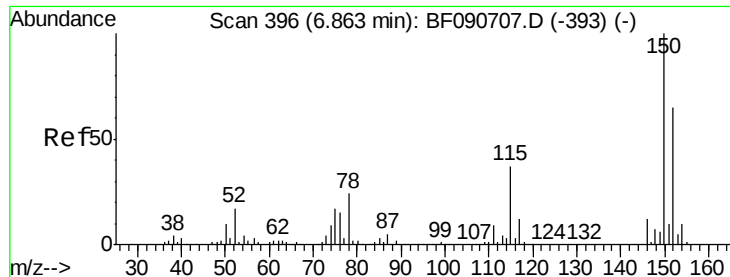
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090752.D

Acq: 22 Oct 2016 10:36

Instrument :

BNA_F

ClientSampleId :

MW-03I-101916

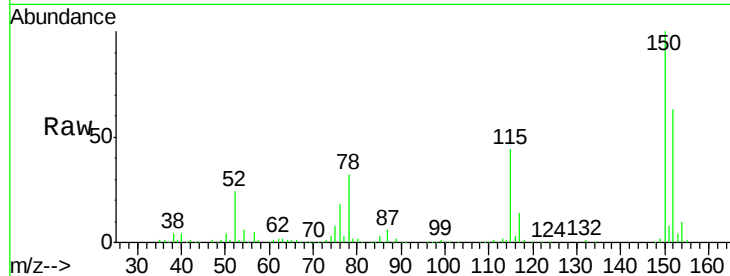
Tgt Ion:152 Resp: 252547

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

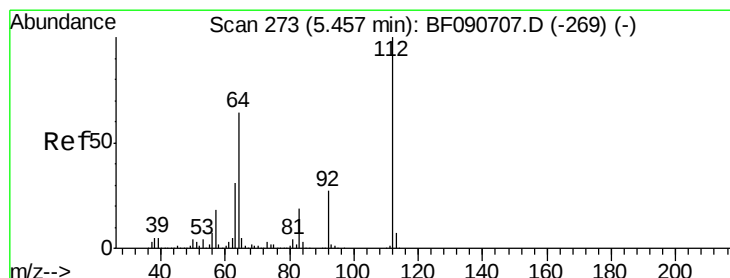
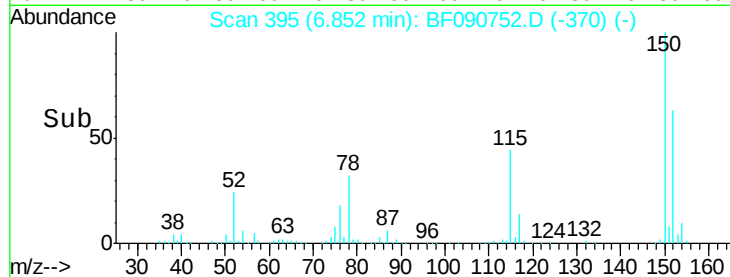
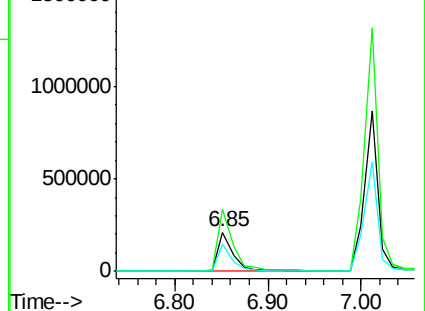
115 69.9 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 60.48 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090752.D

Acq: 22 Oct 2016 10:36

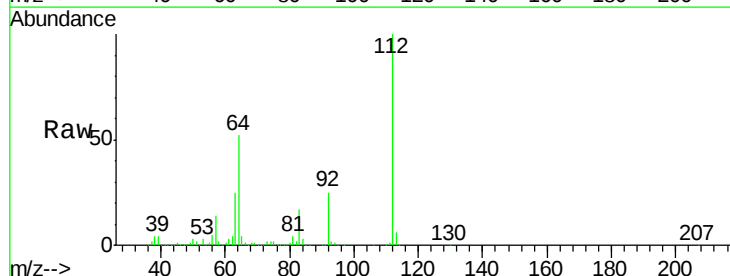
Tgt Ion:112 Resp: 947042

Ion Ratio Lower Upper

112 100

64 51.9 39.7 59.5

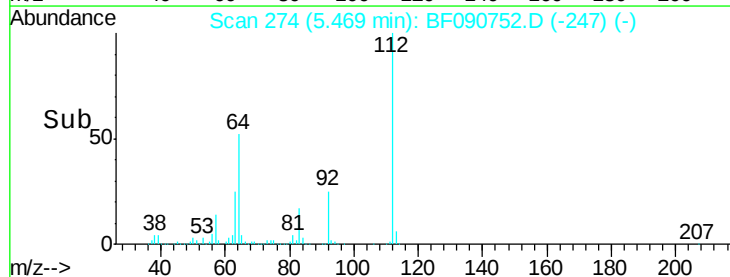
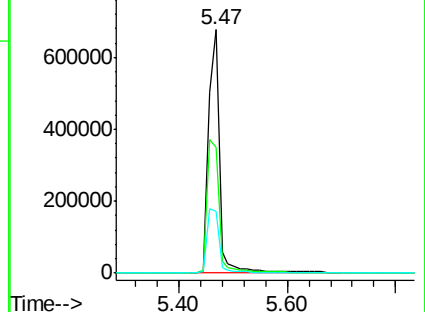
63 25.2 17.4 26.0

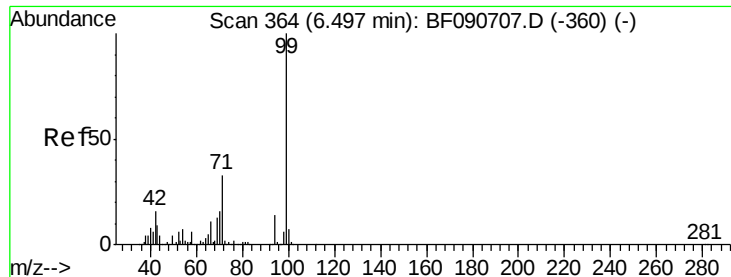


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.09 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090752.D

Acq: 22 Oct 2016 10:36

Instrument :

BNA_F

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MW-03I-101916

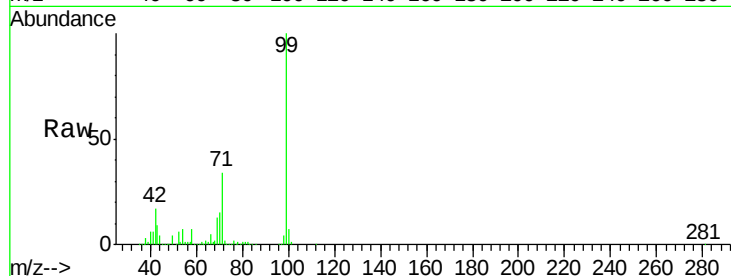
Tgt Ion: 99 Resp: 723168

Ion Ratio Lower Upper

99 100

42 17.1 13.7 20.5

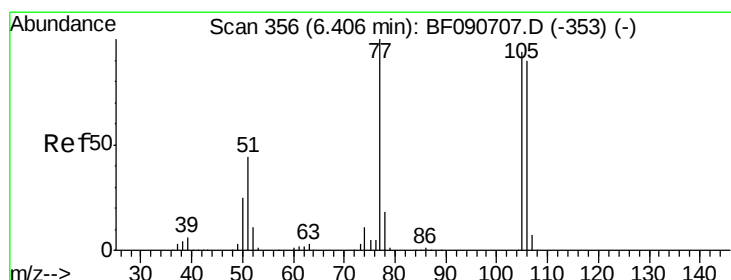
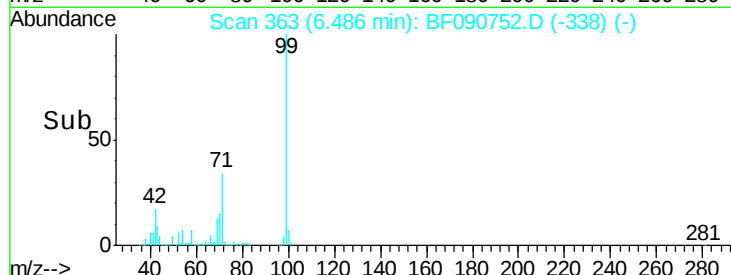
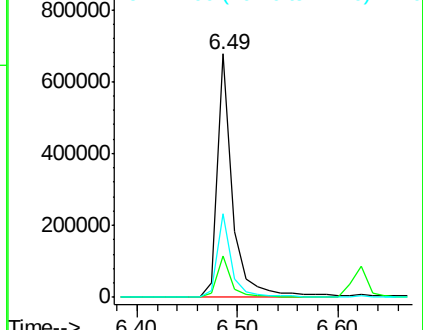
71 34.3 14.2 21.2#



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



#9

Benzaldehyde

Concen: 2.96 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090752.D

Acq: 22 Oct 2016 10:36

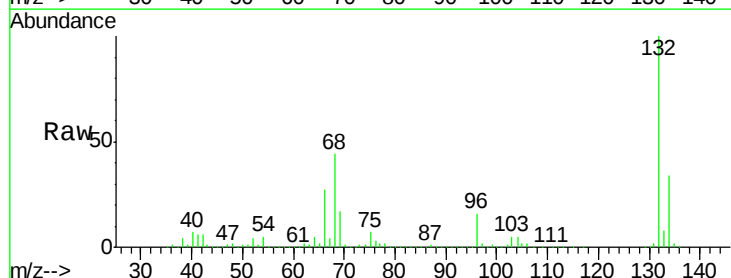
Tgt Ion: 77 Resp: 34367

Ion Ratio Lower Upper

77 100

105 78.3 91.6 131.6#

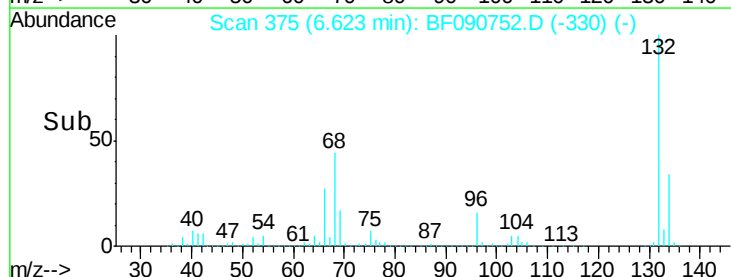
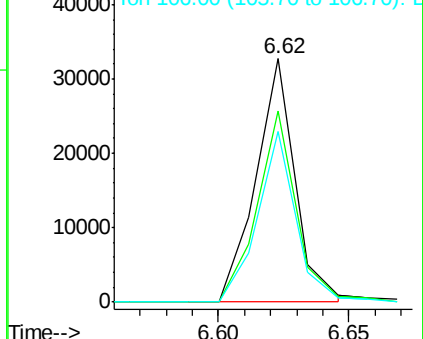
106 70.3 102.6 142.6#

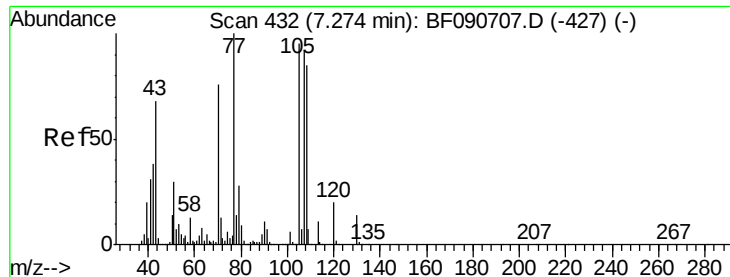


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

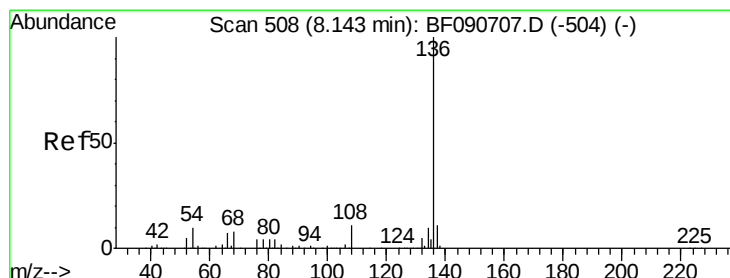
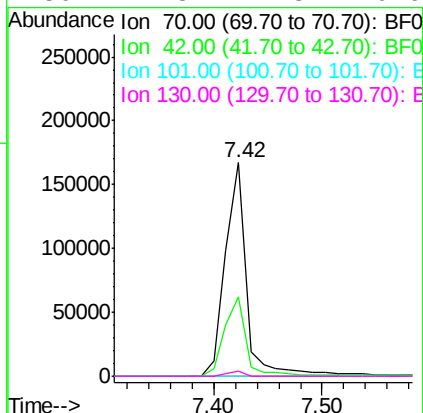
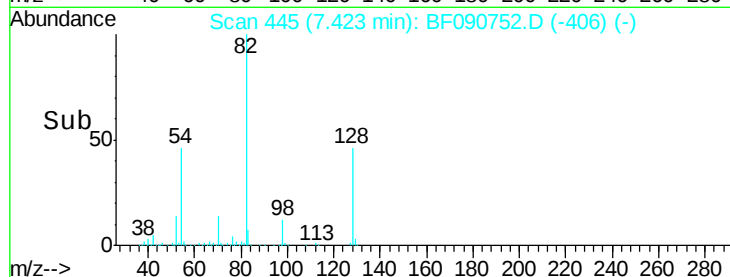
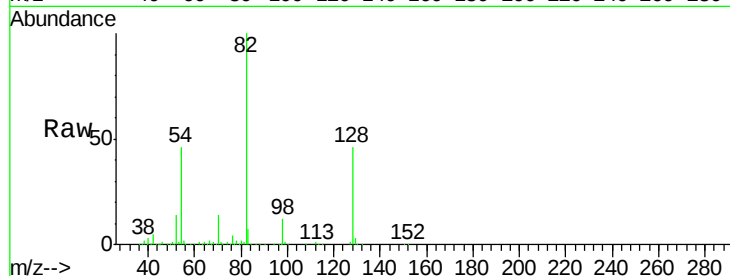




#19
n-Nitroso-di-n-propylamine
Concen: 14.18 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

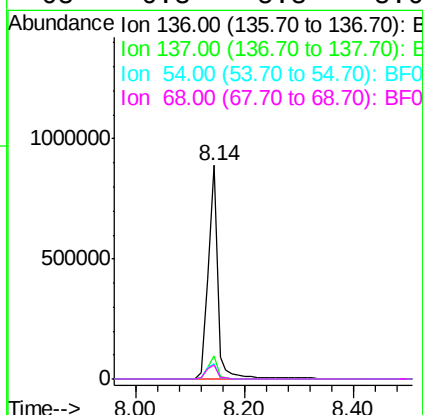
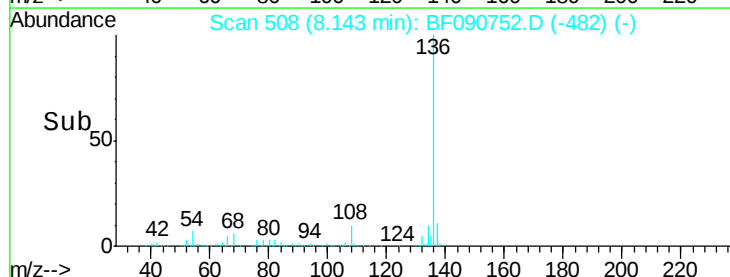
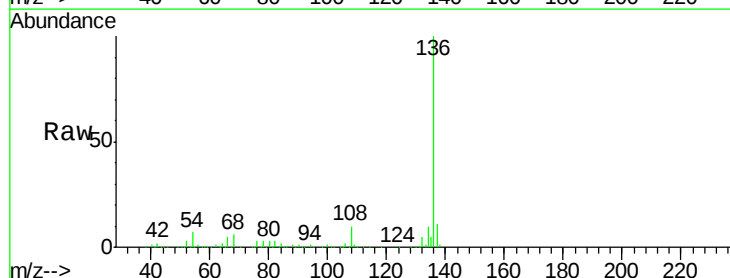
Instrument :
BNA_F
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MW-03I-101916

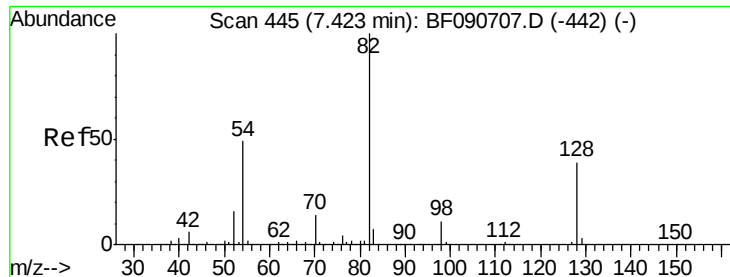
Tgt Ion: 70 Resp: 223945
Ion Ratio Lower Upper
70 100
42 37.4 63.8 95.6#
101 0.0 9.2 13.8#
130 2.3 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Tgt Ion: 136 Resp: 1081014
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.0 8.2 12.2#
68 6.3 5.8 8.6

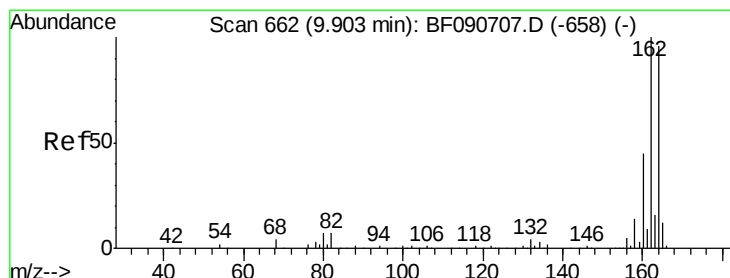
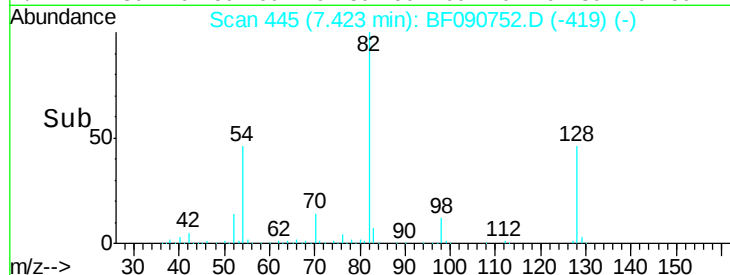
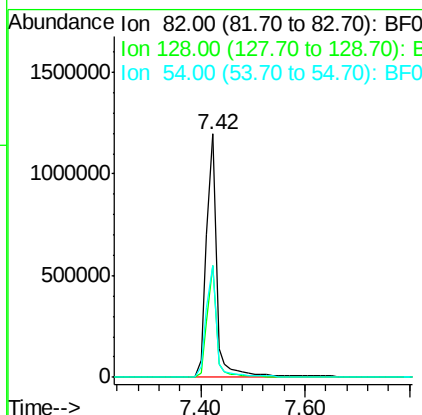
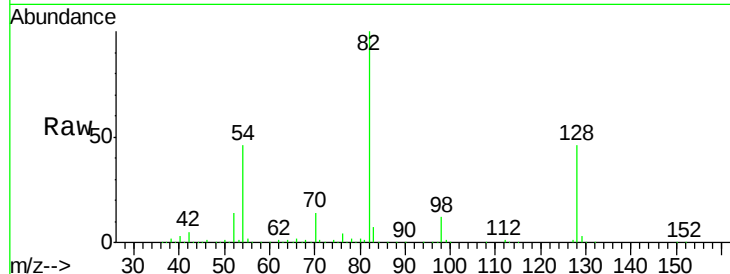




#23
 Nitrobenzene-d5
 Concen: 85.11 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

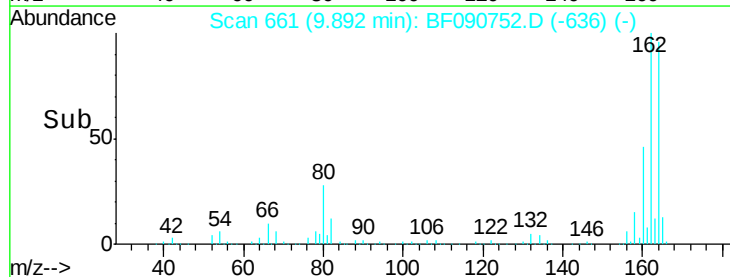
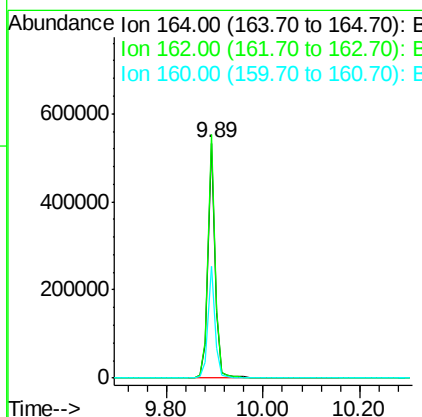
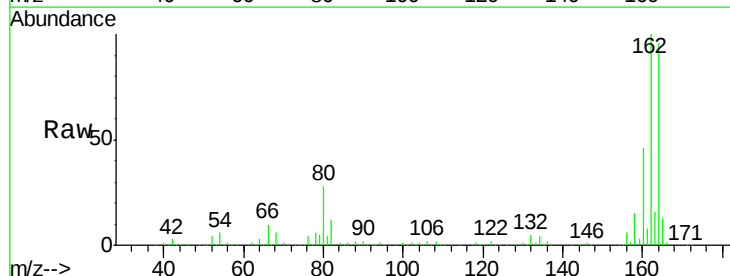
Instrument :
 BNA_F
 ClientSampleId :
 MW-03I-101916

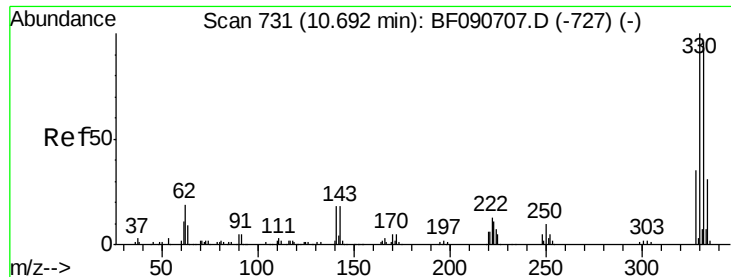
Tgt Ion: 82 Resp: 1677525
 Ion Ratio Lower Upper
 82 100
 128 46.0 51.0 76.6#
 54 45.7 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Tgt Ion: 164 Resp: 553144
 Ion Ratio Lower Upper
 164 100
 162 103.8 75.2 112.8
 160 47.5 31.5 47.3#

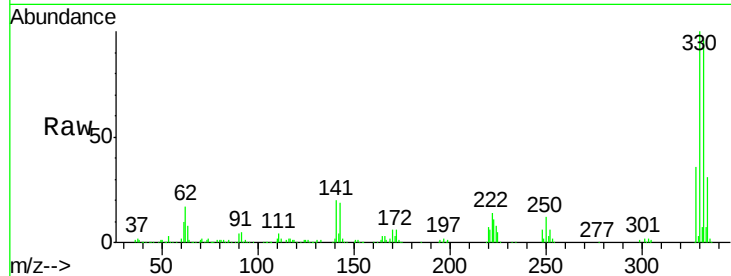




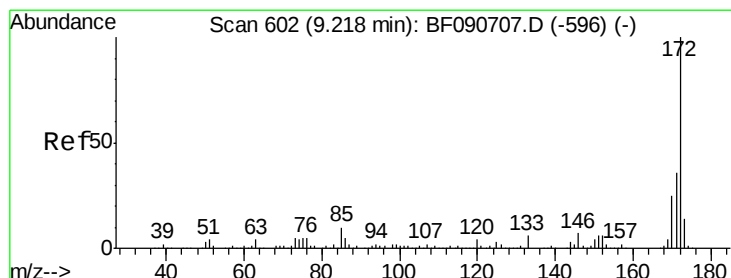
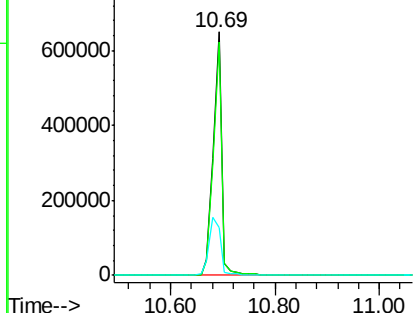
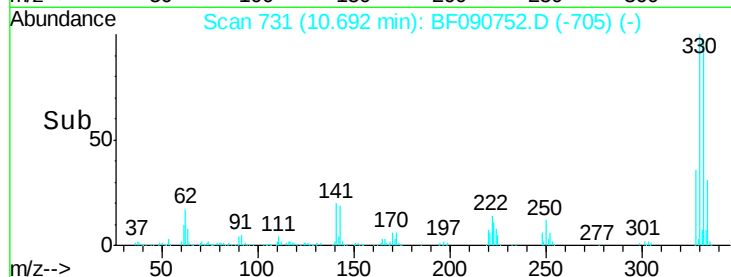
#41
 2,4,6-Tribromophenol
 Concen: 170.35 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-031-101916

Tgt Ion:330 Resp: 745818
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.7 29.7 44.5

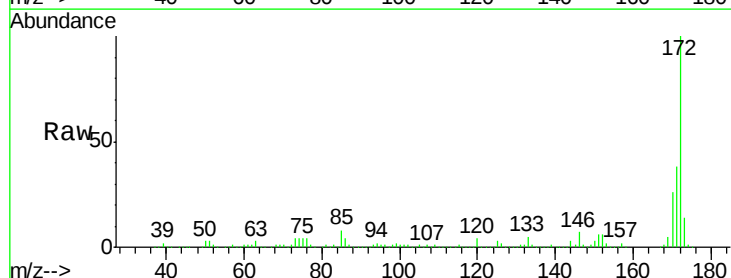


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

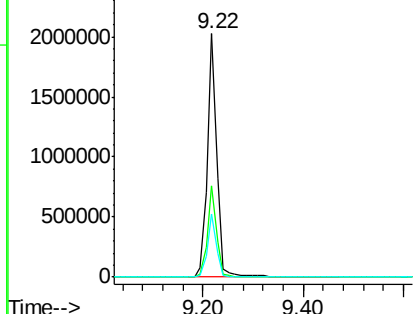
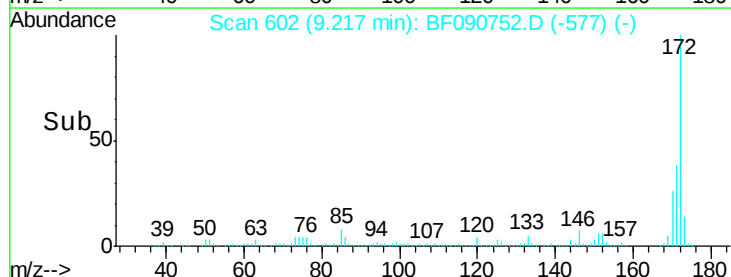


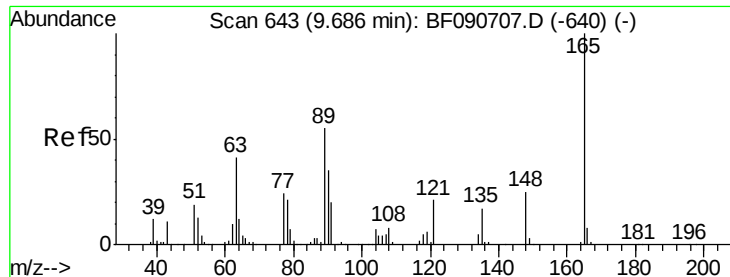
#44
 2-Fluorobiphenyl
 Concen: 74.72 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Tgt Ion:172 Resp: 2662561
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.8 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

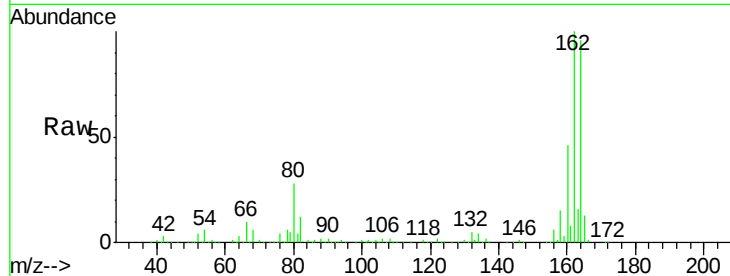




#50
2,6-Dinitrotoluene
Concen: 9.51 ng
RT: 9.89 min Scan# 661
Delta R.T. 0.21 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Instrument :
BNA_F
ClientSampleId :
MW-03I-101916

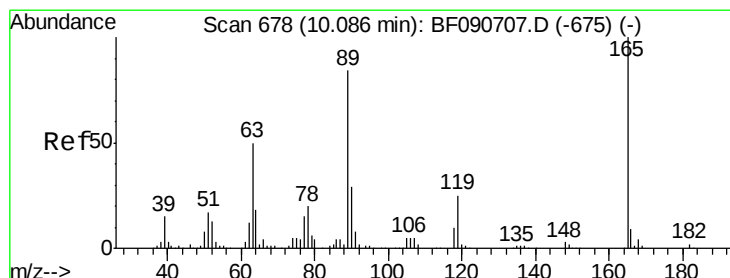
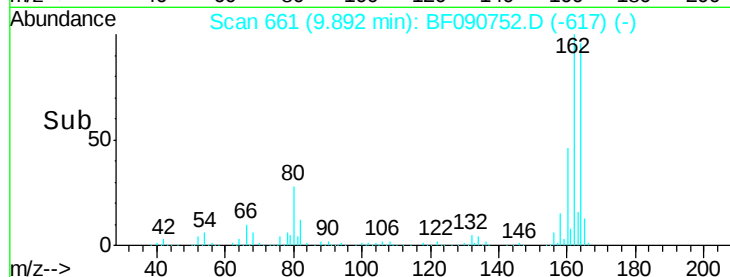
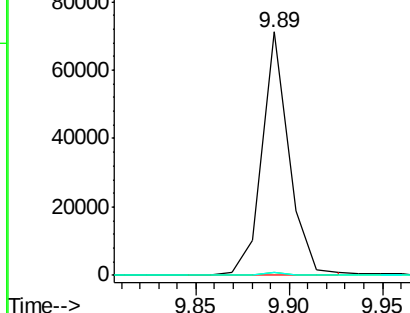
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	1.1	28.6	43.0#



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: 7.87 ng
RT: 9.89 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

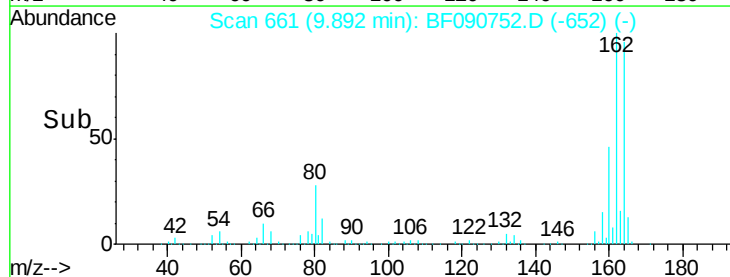
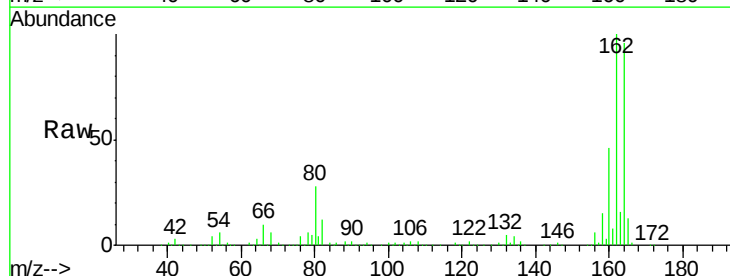
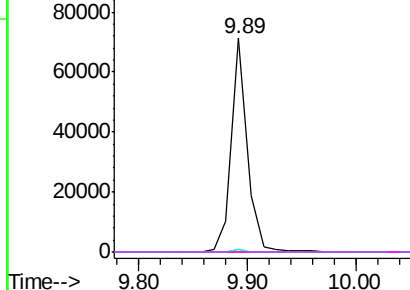
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

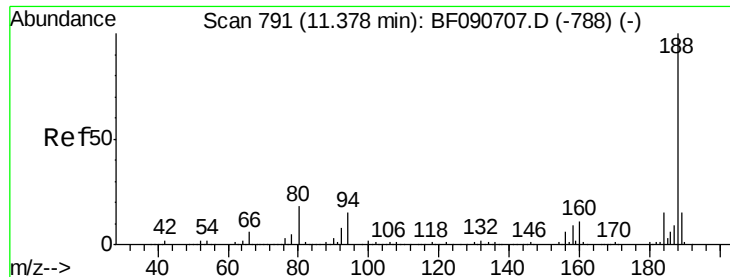
Abundance Ion 165.00 (164.70 to 165.70): E

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

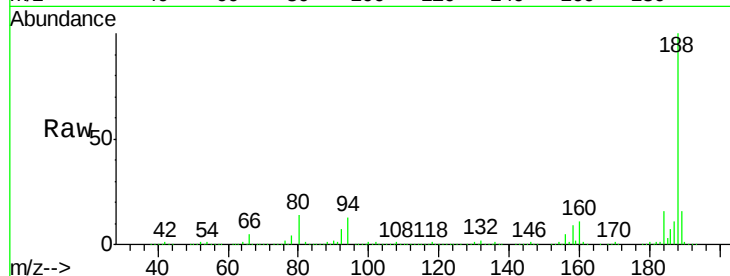




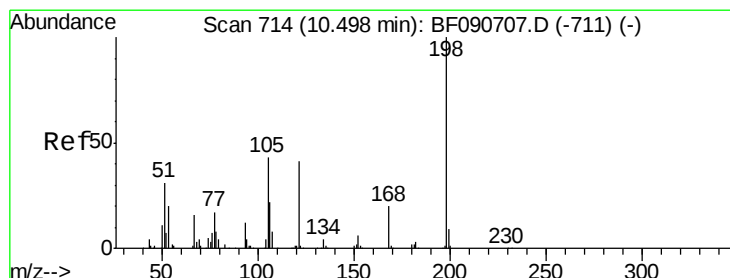
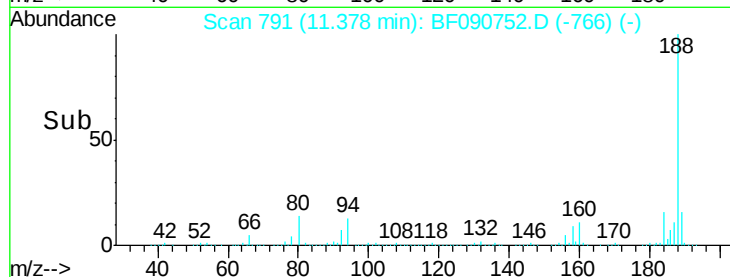
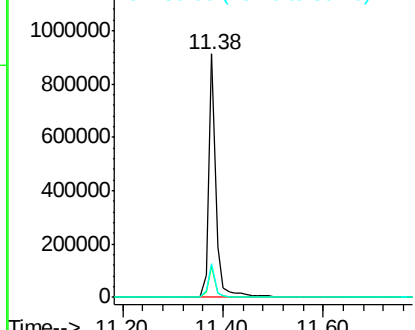
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Instrument :
BNA_F
ClientSampleId :
MW-03I-101916

Tgt Ion:188 Resp: 920828
Ion Ratio Lower Upper
188 100
94 12.6 11.1 16.7
80 14.1 11.0 16.4

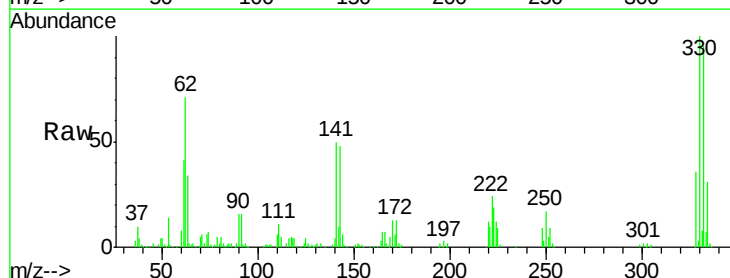


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

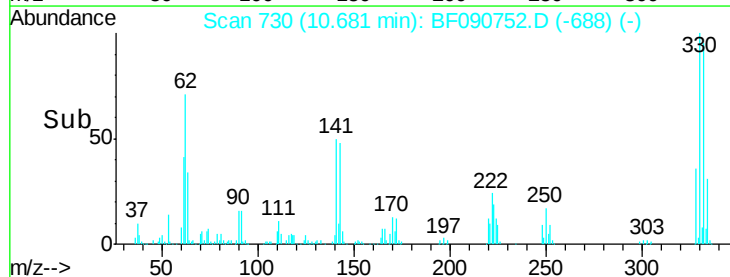
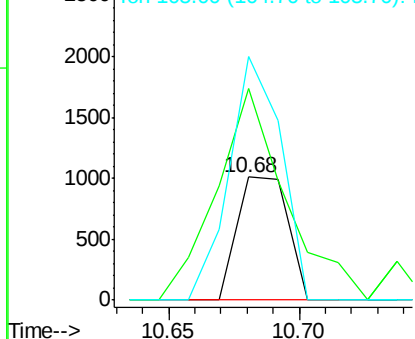


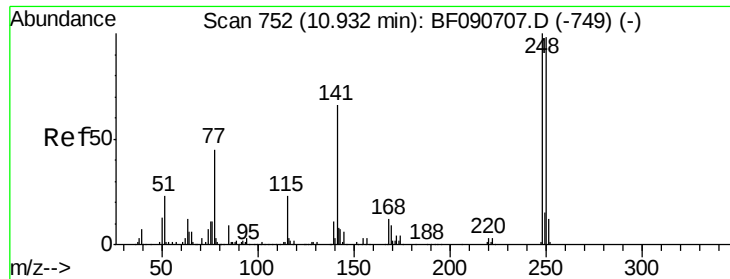
#64
4,6-Dinitro-2-methylphenol
Concen: 4.39 ng
RT: 10.68 min Scan# 730
Delta R.T. 0.18 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Tgt Ion:198 Resp: 1376
Ion Ratio Lower Upper
198 100
51 171.7 39.6 79.6#
105 197.7 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

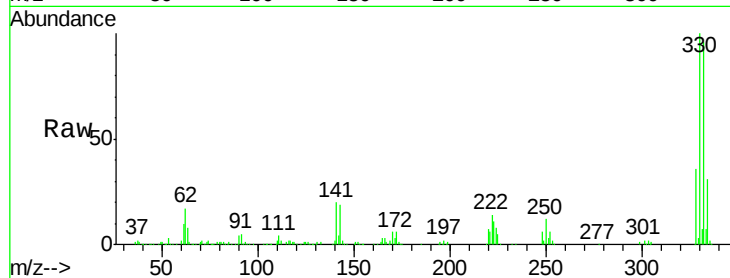




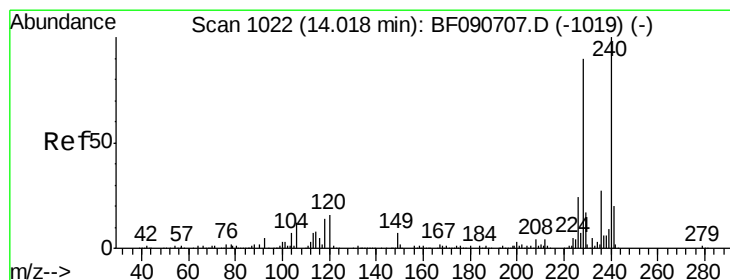
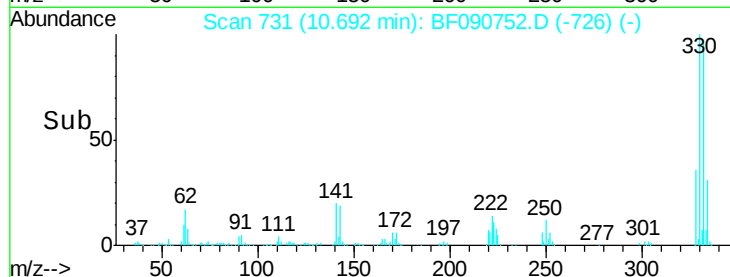
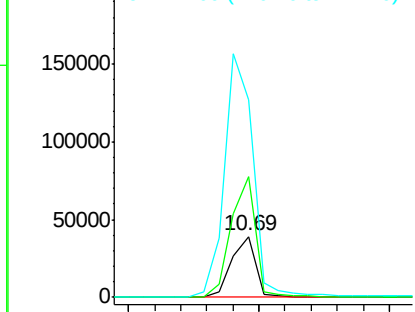
#66
4-Bromophenyl-phenylether
Concen: 5.65 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.24 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Instrument :
BNA_F
ClientSampleId :
MW-03I-101916

Tgt Ion:248 Resp: 50472
Ion Ratio Lower Upper
248 100
250 198.6 78.5 117.7#
141 325.2 59.0 88.6#

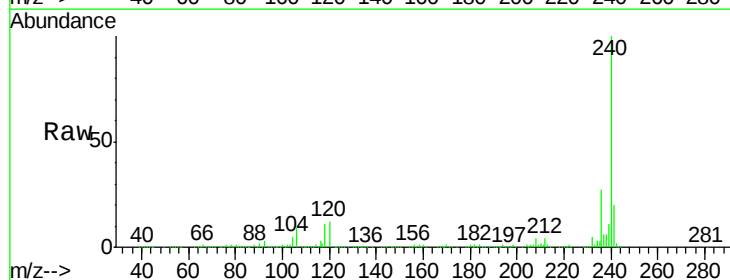


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

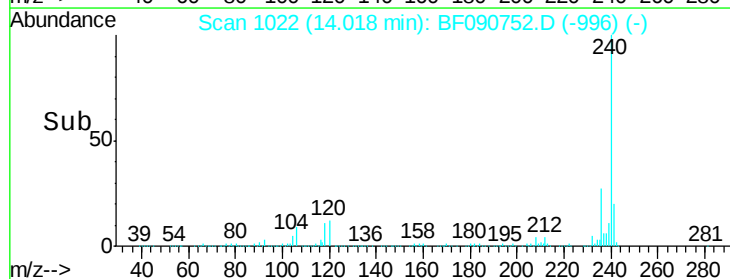
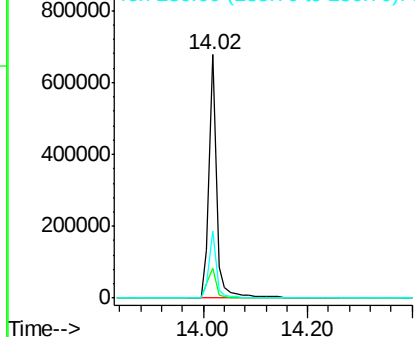


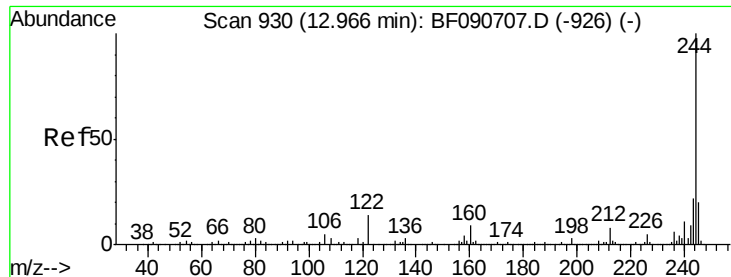
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF090752.D
Acq: 22 Oct 2016 10:36

Tgt Ion:240 Resp: 696743
Ion Ratio Lower Upper
240 100
120 12.2 16.2 24.2#
236 27.4 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

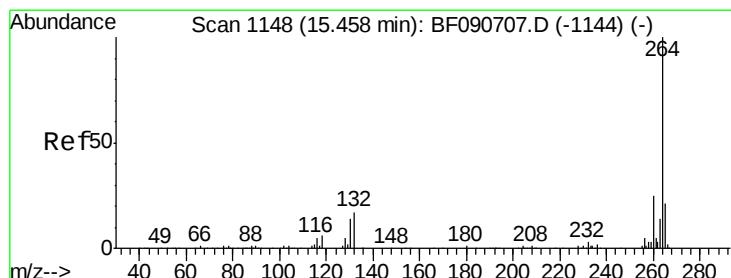
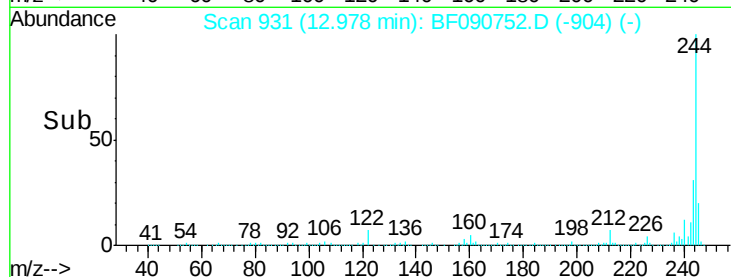
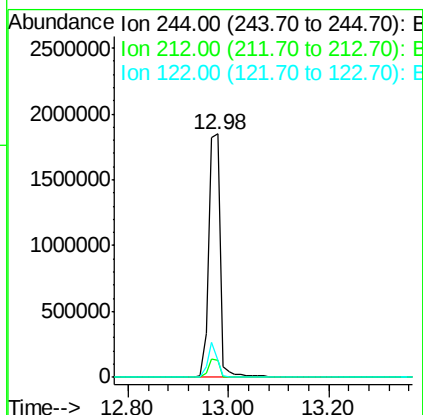
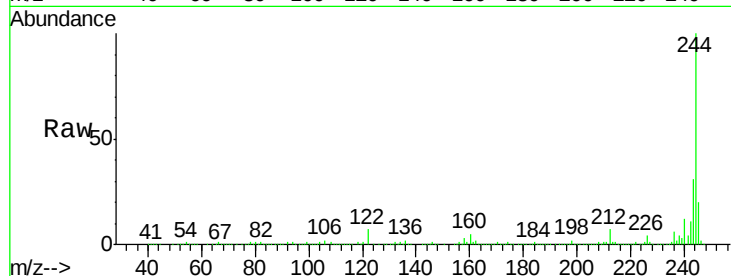




#78
 Terphenyl-d14
 Concen: 96.87 ng
 RT: 12.98 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-03I-101916

Tgt Ion:244 Resp: 2945045
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.3 6.5#
 122 7.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF090752.D
 Acq: 22 Oct 2016 10:36

Tgt Ion:264 Resp: 484788
 Ion Ratio Lower Upper
 264 100
 260 25.4 16.7 25.1#
 265 22.1 17.2 25.8

