

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090757.D
 Acq On : 22 Oct 2016 12:53
 Operator : UM/SJ
 Sample : H5367-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-101916

Quant Time: Oct 24 00:48:49 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

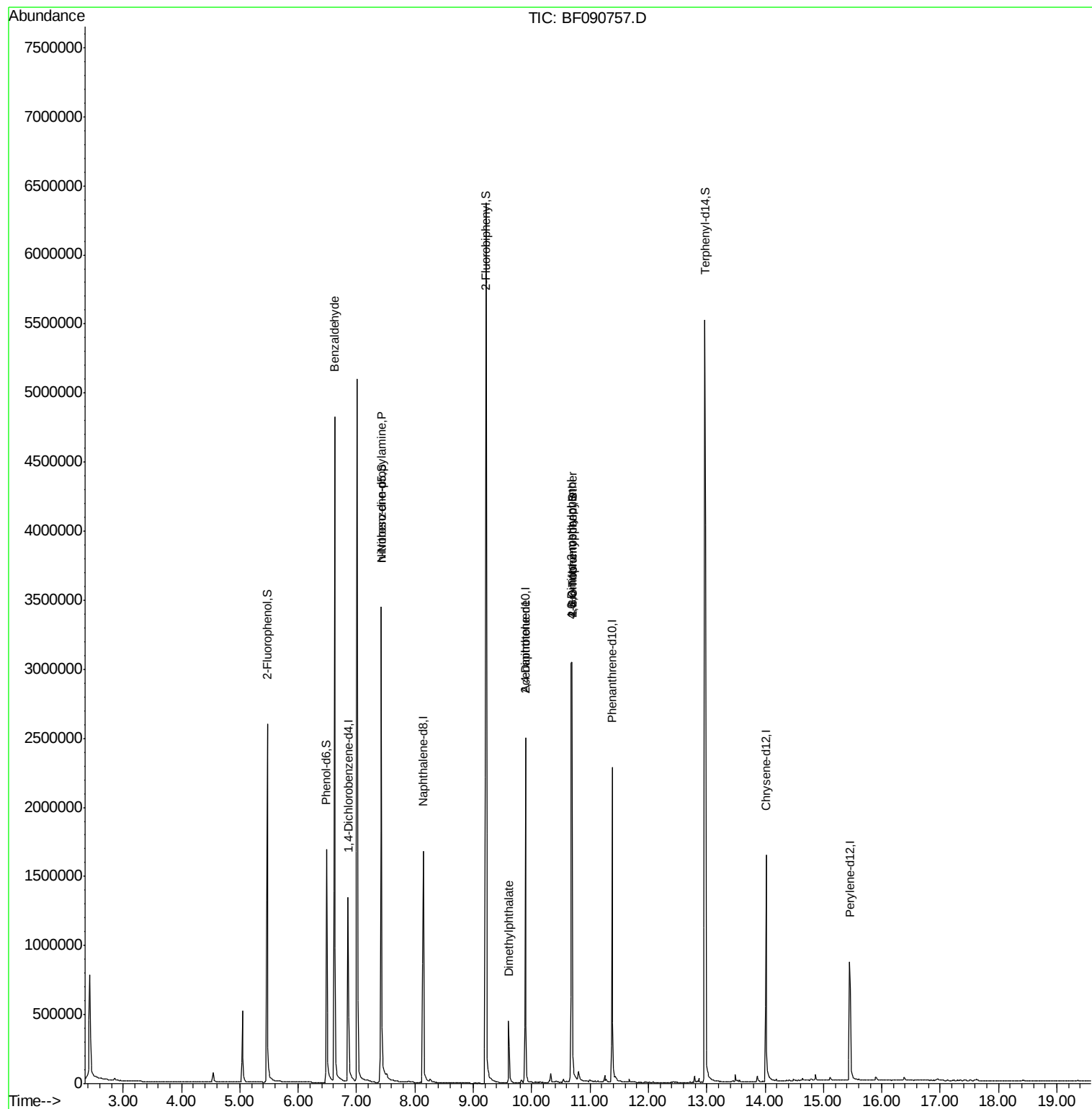
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	248422	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1051389	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	539631	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	895075	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	677170	20.00	ng	0.00
86) Perylene-d12	15.45	264	465670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	932246	60.52	ng	0.01
7) Phenol-d6	6.49	99	680650	32.62	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1672194	87.23	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	750618	175.74	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2634316	75.78	ng	-0.01
78) Terphenyl-d14	12.97	244	2748977	93.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	33335	2.92	ng	# 60
19) n-Nitroso-di-n-propylamine	7.42	70	221086	14.23	ng	# 52
49) Dimethylphthalate	9.61	163	253067	7.46	ng	# 97
56) 2,4-Dinitrotoluene	9.89	165	71125	7.98	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.68	198	1055	4.35	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	48046	5.54	ng	# 1

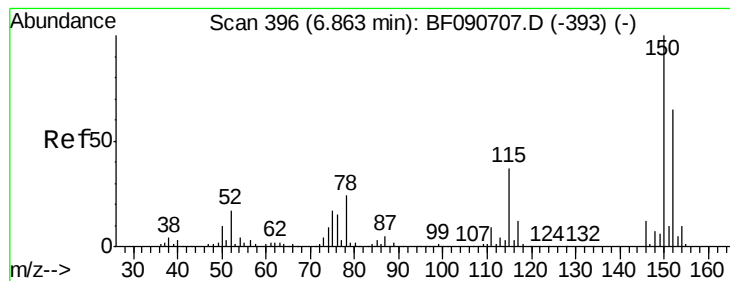
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
Data File : BF090757.D
Acq On : 22 Oct 2016 12:53
Operator : UM/SJ
Sample : H5367-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04I-101916

Quant Time: Oct 24 00:48:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090757.D

Acq: 22 Oct 2016 12:53

Instrument :

BNA_F

ClientSampleId :

MW-04I-101916

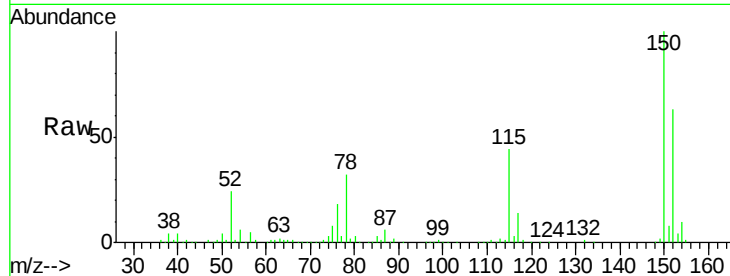
Tgt Ion:152 Resp: 248422

Ion Ratio Lower Upper

152 100

150 159.9 124.7 187.1

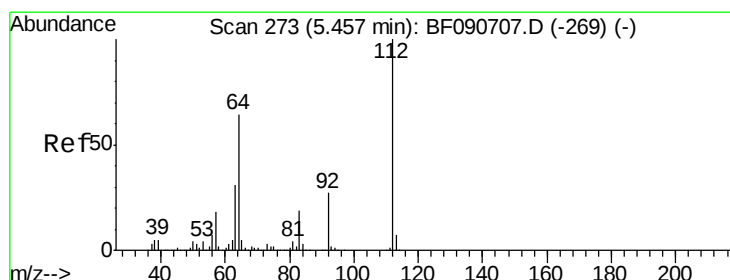
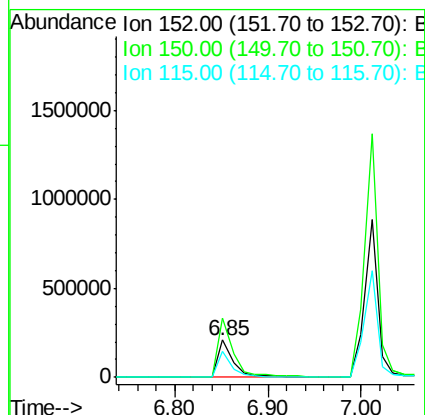
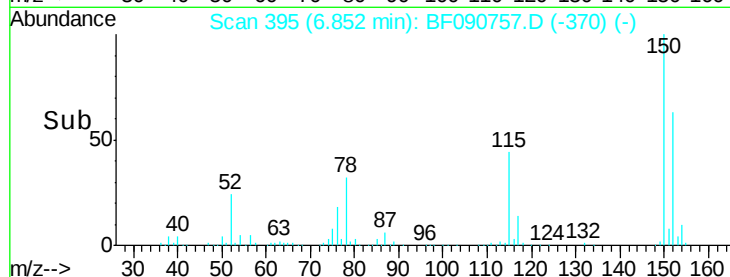
115 70.3 39.0 58.4#



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: 60.52 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090757.D

Acq: 22 Oct 2016 12:53

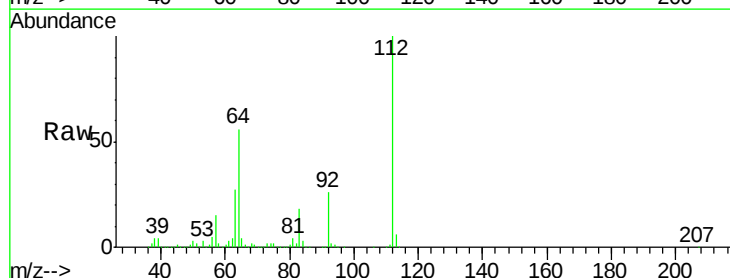
Tgt Ion:112 Resp: 932246

Ion Ratio Lower Upper

112 100

64 56.4 39.7 59.5

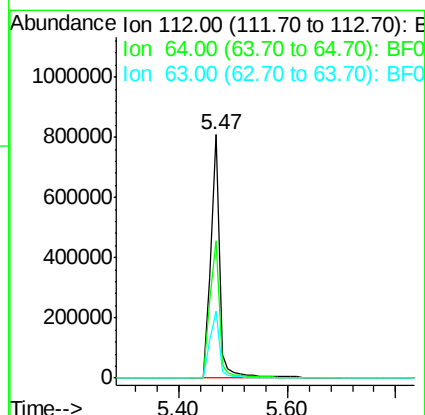
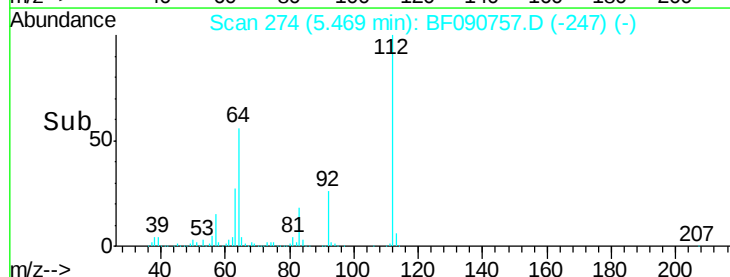
63 27.4 17.4 26.0#

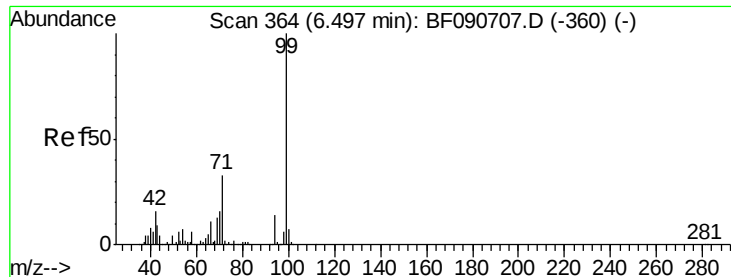


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.62 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090757.D

Acq: 22 Oct 2016 12:53

Instrument :

BNA_F

ClientSampleId :

MW-04I-101916

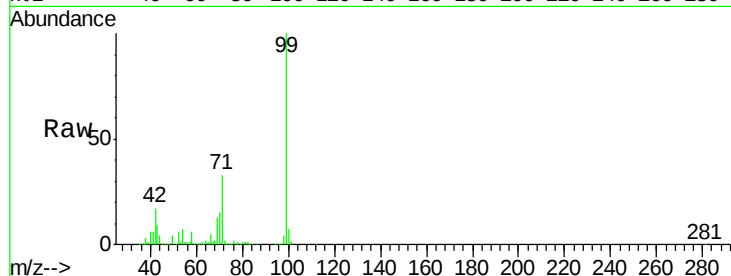
Tgt Ion: 99 Resp: 680650

Ion Ratio Lower Upper

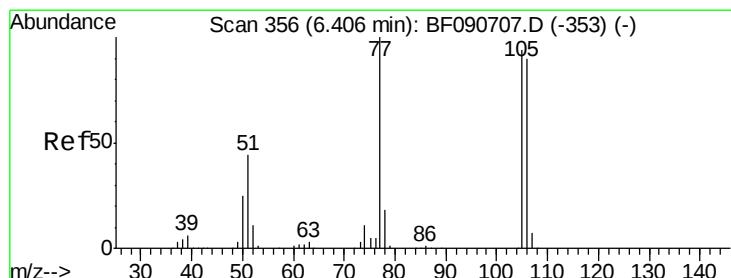
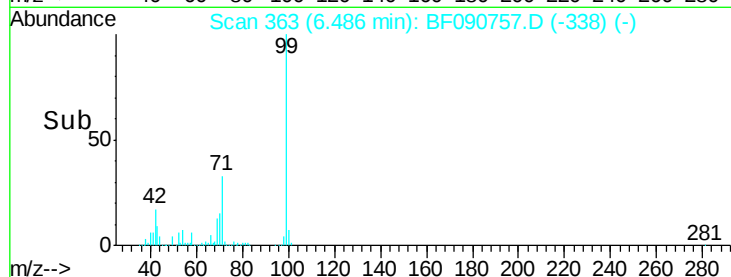
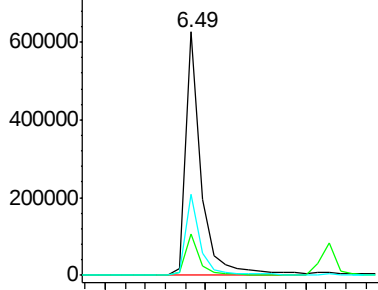
99 100

42 16.9 13.7 20.5

71 33.4 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: 2.92 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.22 min

Lab File: BF090757.D

Acq: 22 Oct 2016 12:53

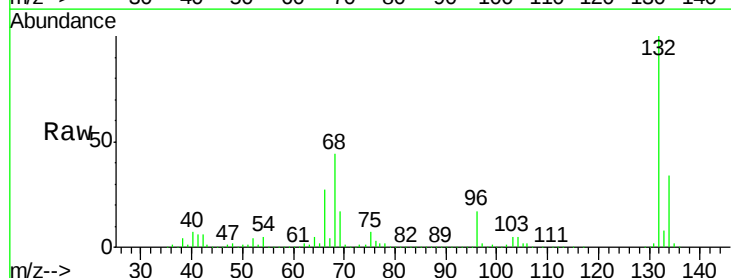
Tgt Ion: 77 Resp: 33335

Ion Ratio Lower Upper

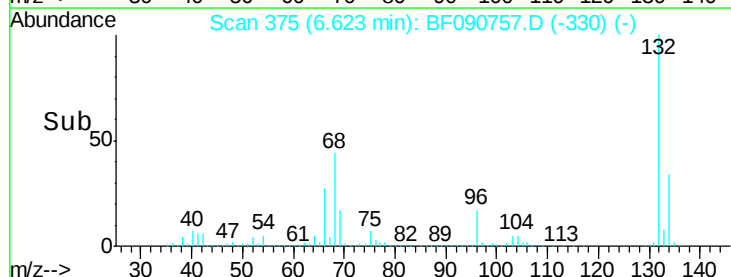
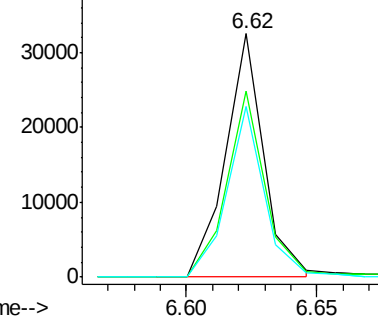
77 100

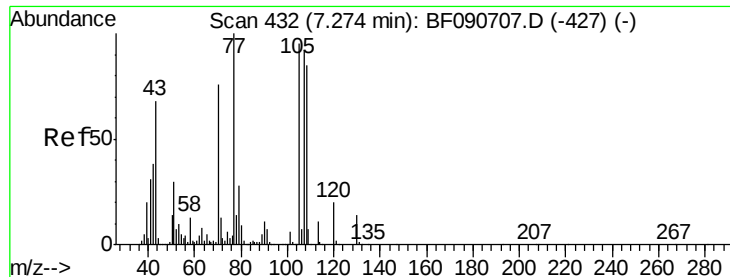
105 76.7 91.6 131.6#

106 70.1 102.6 142.6#



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

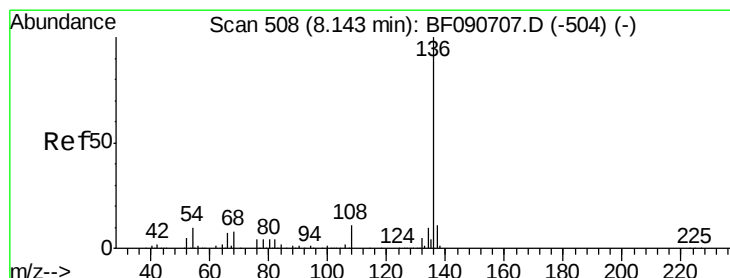
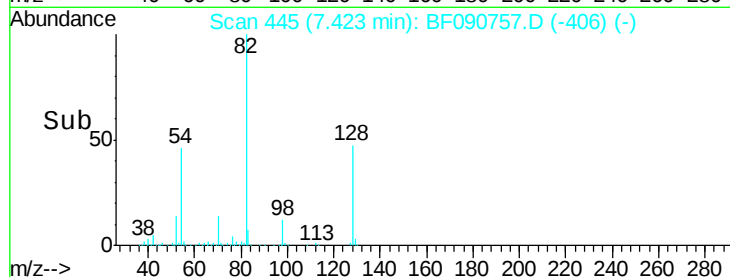
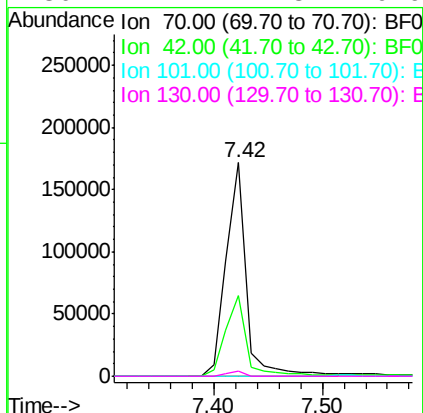
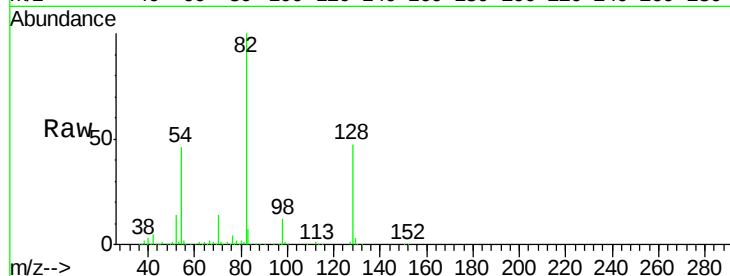




#19
n-Nitroso-di-n-propylamine
Concen: 14.23 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.15 min
Lab File: BF090757.D
Acq: 22 Oct 2016 12:53

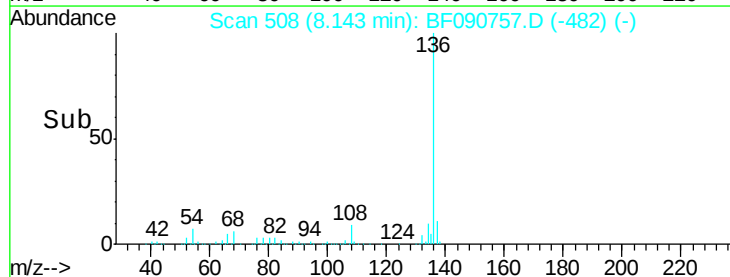
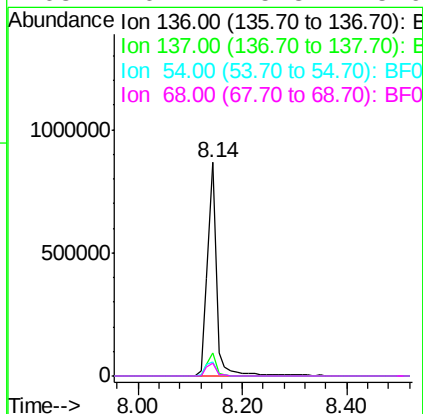
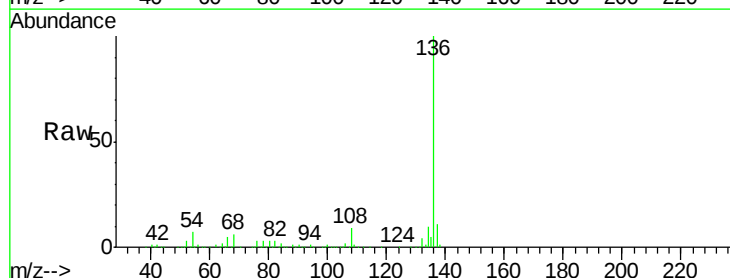
Instrument :
BNA_F
ClientSampleId :
MW-04I-101916

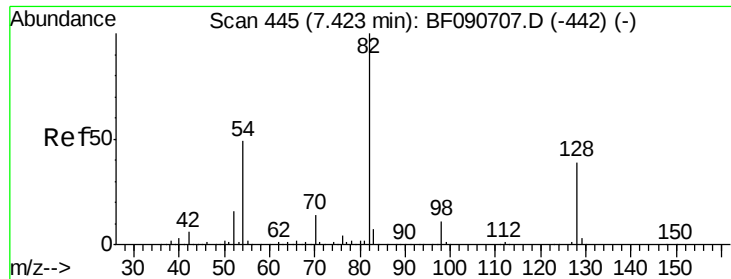
Tgt Ion: 70 Resp: 221086
Ion Ratio Lower Upper
70 100
42 37.7 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090757.D
Acq: 22 Oct 2016 12:53

Tgt Ion: 136 Resp: 1051389
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.8 8.2 12.2#
68 6.1 5.8 8.6

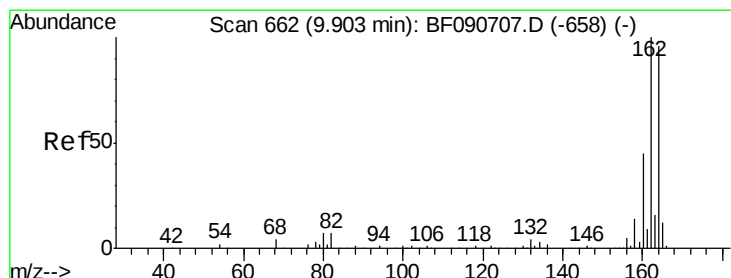
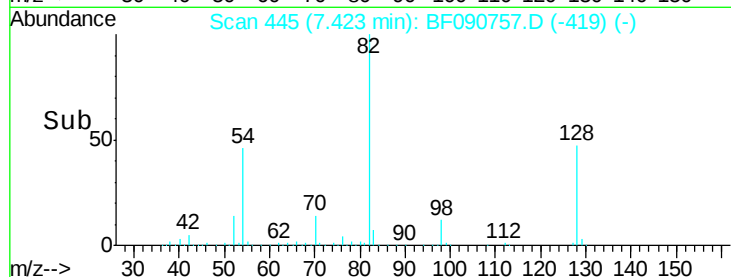
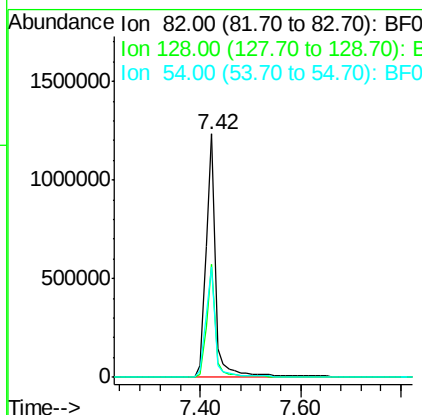
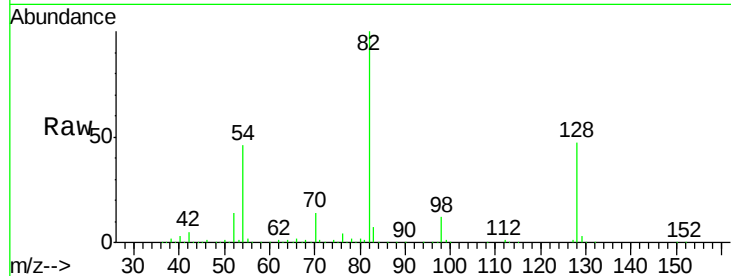




#23
 Nitrobenzene-d5
 Concen: 87.23 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

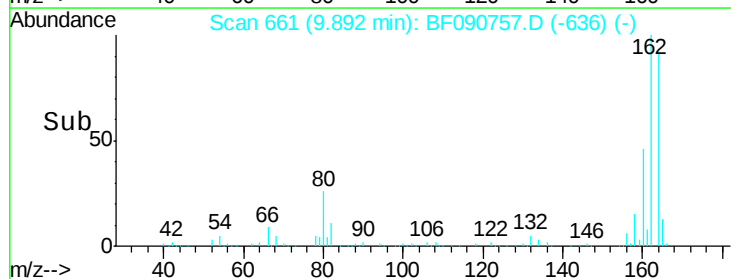
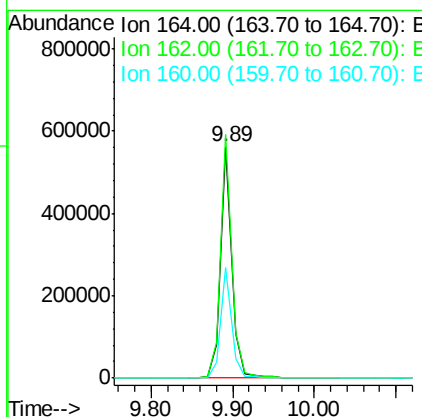
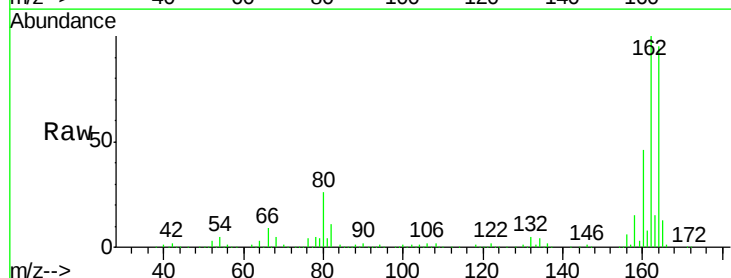
Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-101916

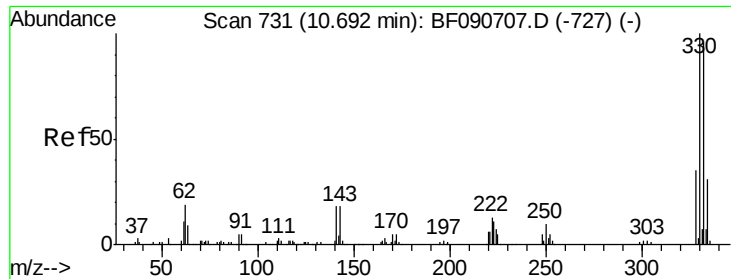
Tgt Ion: 82 Resp: 1672194
 Ion Ratio Lower Upper
 82 100
 128 46.5 51.0 76.6#
 54 45.6 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Tgt Ion: 164 Resp: 539631
 Ion Ratio Lower Upper
 164 100
 162 105.3 75.2 112.8
 160 48.0 31.5 47.3#

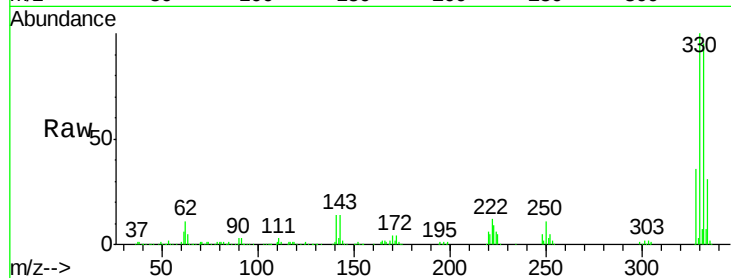




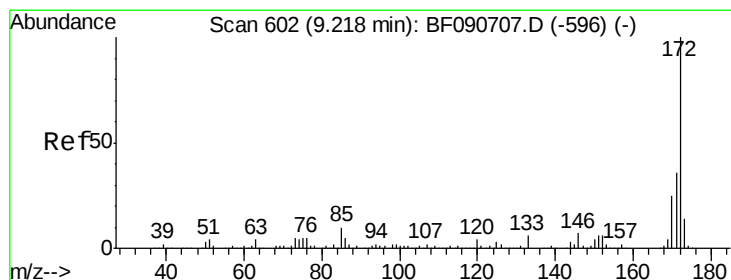
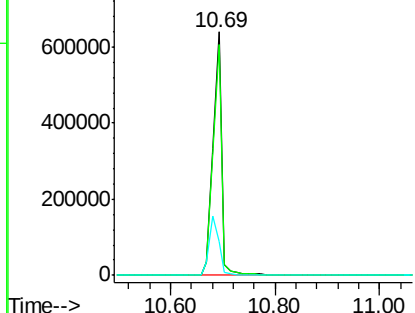
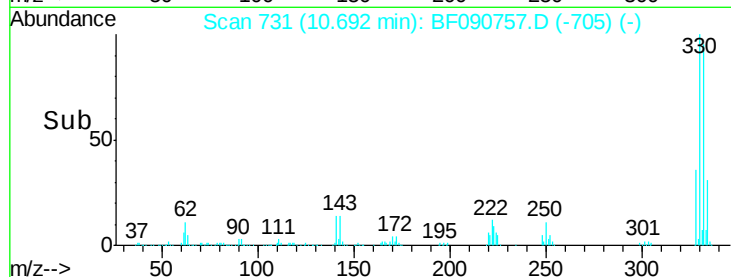
#41
 2,4,6-Tribromophenol
 Concen: 175.74 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-101916

Tgt Ion:330 Resp: 750618
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 28.3 29.7 44.5#

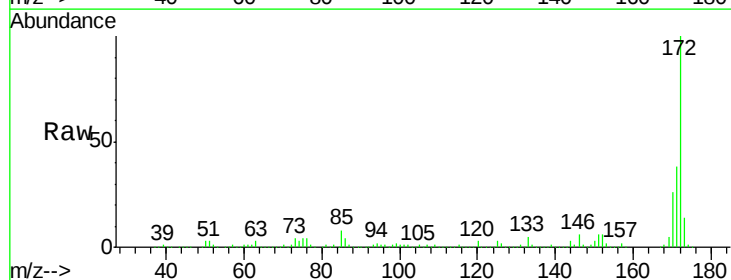


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

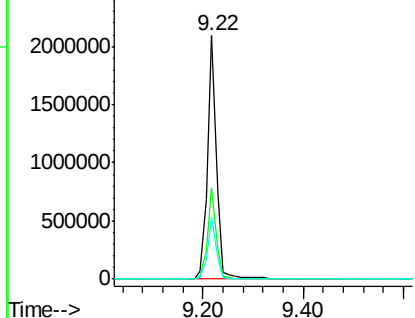
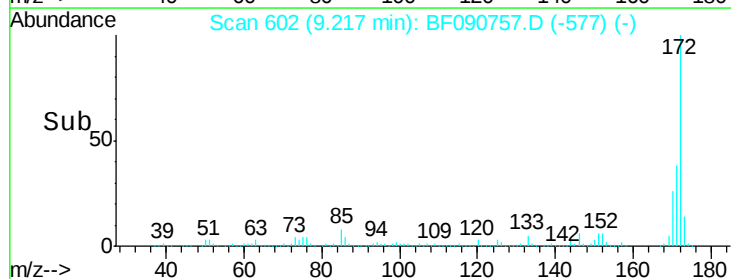


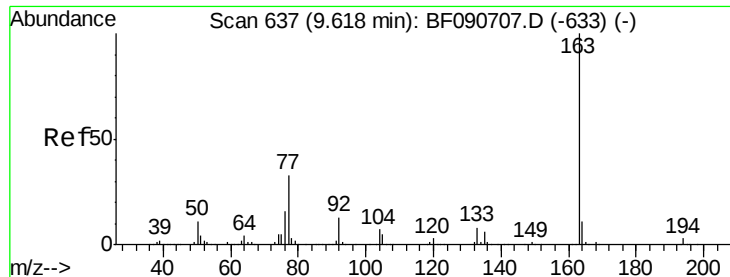
#44
 2-Fluorobiphenyl
 Concen: 75.78 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Tgt Ion:172 Resp: 2634316
 Ion Ratio Lower Upper
 172 100
 171 37.7 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: 7.46 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090757.D

Acq: 22 Oct 2016 12:53

Instrument :

BNA_F

ClientSampleId :

MW-04I-101916

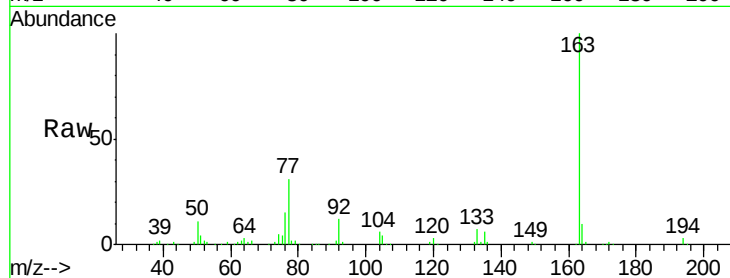
Tgt Ion:163 Resp: 253067

Ion Ratio Lower Upper

163 100

194 2.8 4.4 6.6#

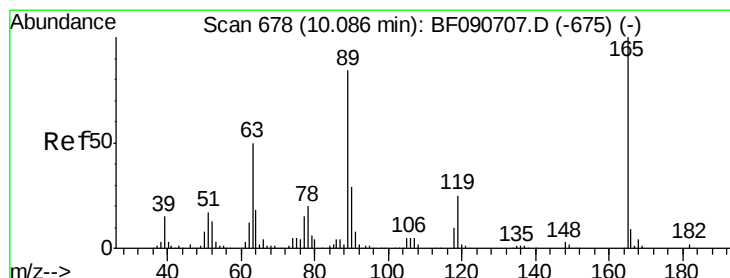
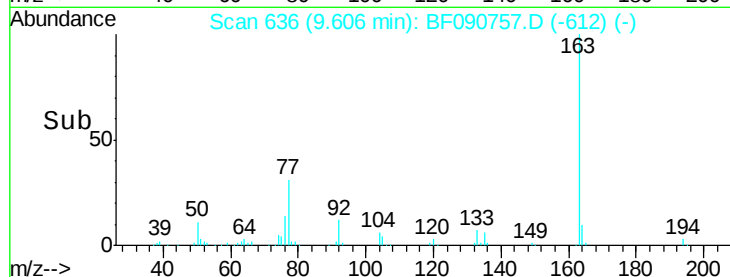
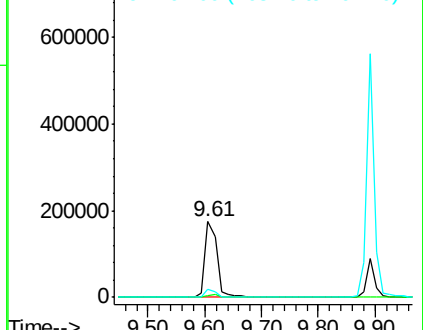
164 10.5 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 7.98 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.19 min

Lab File: BF090757.D

Acq: 22 Oct 2016 12:53

Tgt Ion:165 Resp: 71125

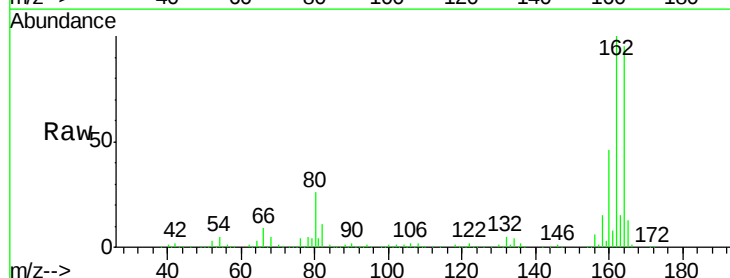
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

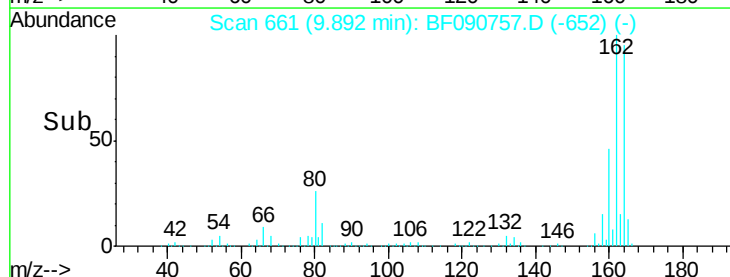
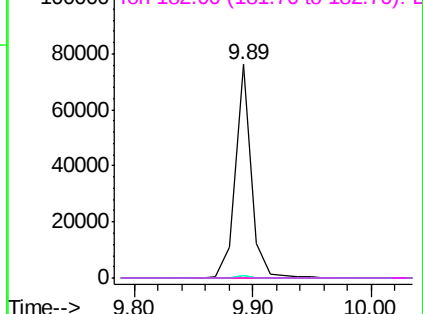


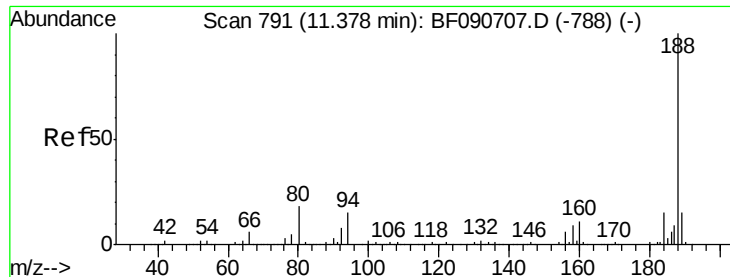
Abundance Ion 165.00 (164.70 to 165.70): E

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

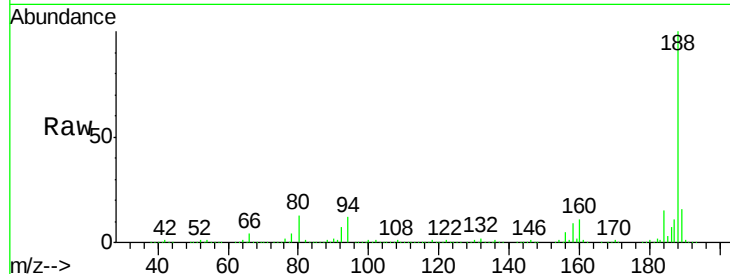




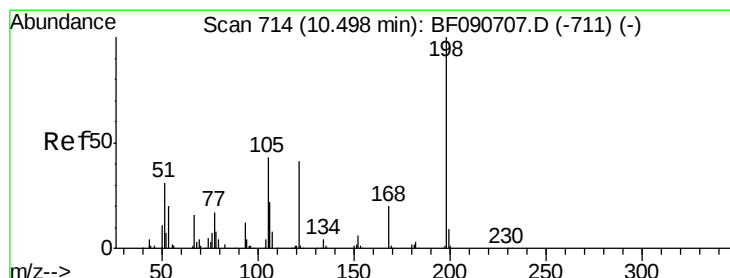
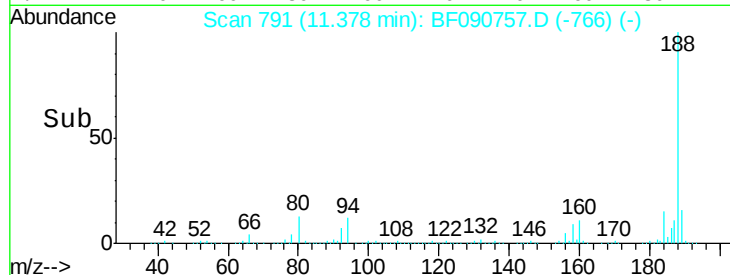
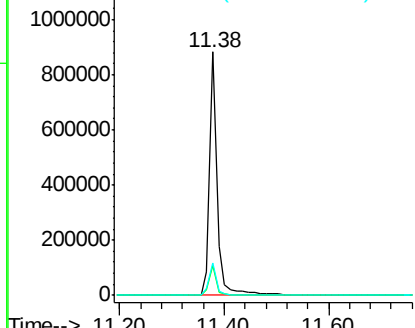
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-101916

Tgt Ion:188 Resp: 895075
 Ion Ratio Lower Upper
 188 100
 94 12.1 11.1 16.7
 80 13.4 11.0 16.4

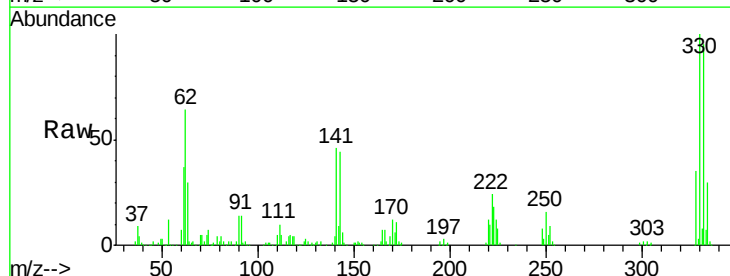


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

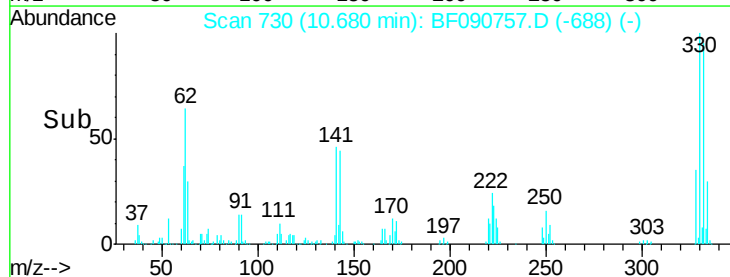
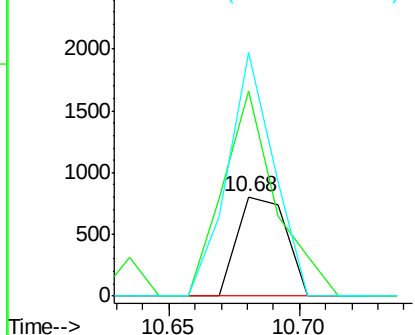


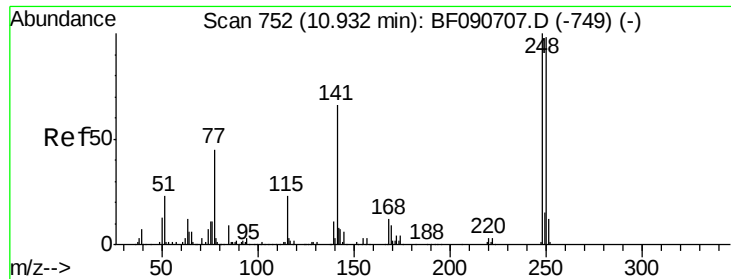
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.35 ng
 RT: 10.68 min Scan# 730
 Delta R.T. 0.18 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Tgt Ion:198 Resp: 1055
 Ion Ratio Lower Upper
 198 100
 51 207.1 39.6 79.6#
 105 245.1 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

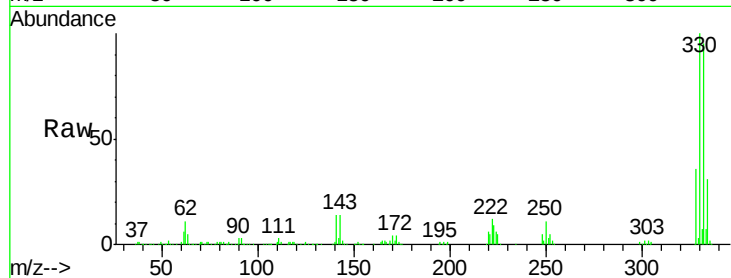




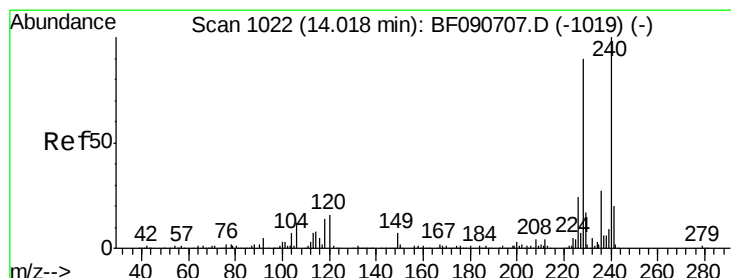
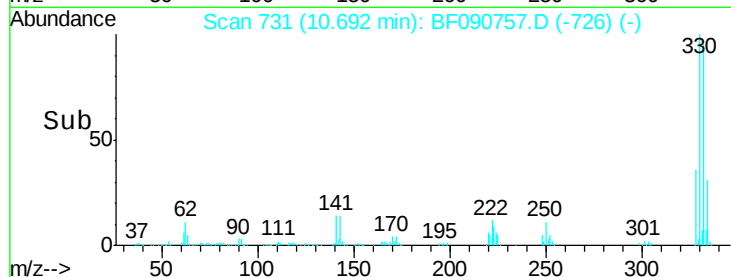
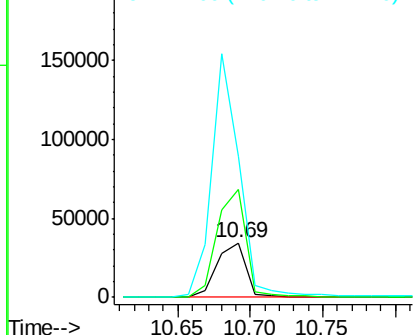
#66
 4-Bromophenyl-phenylether
 Concen: 5.54 ng
 RT: 10.69 min Scan# 731
 Delta R.T. -0.24 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-101916

Tgt Ion:248 Resp: 48046
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.5 117.7#
 141 257.4 59.0 88.6#

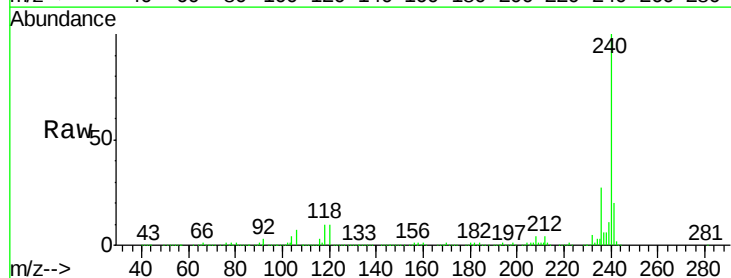


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

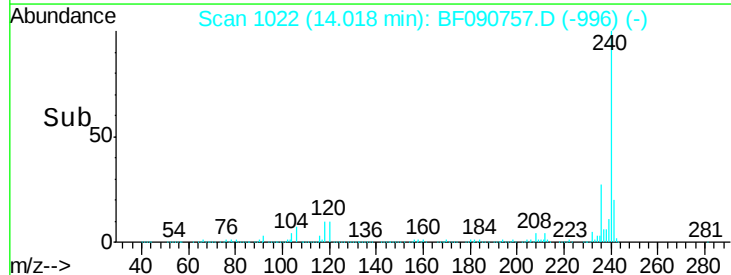
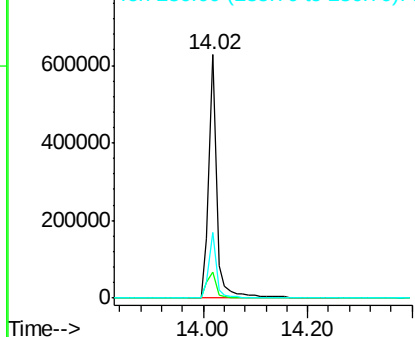


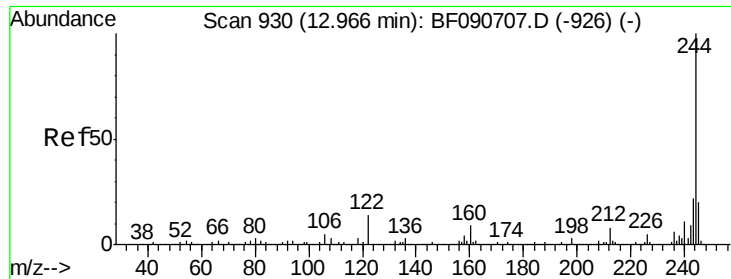
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Tgt Ion:240 Resp: 677170
 Ion Ratio Lower Upper
 240 100
 120 10.5 16.2 24.2#
 236 27.0 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

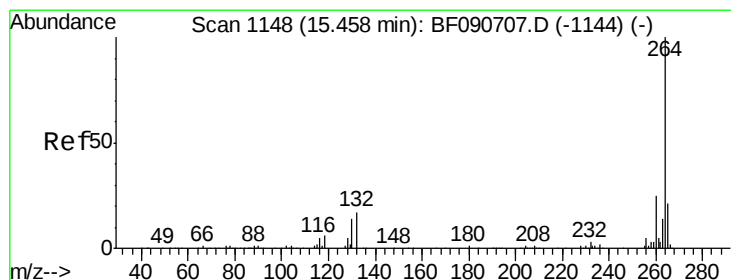
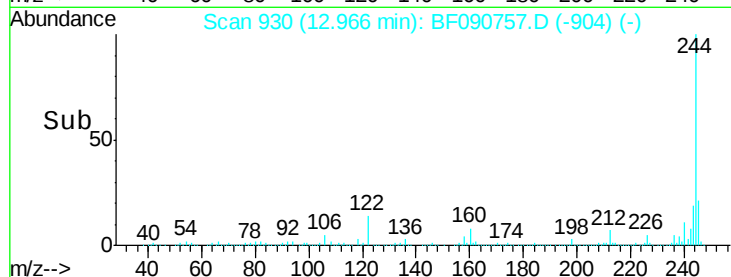
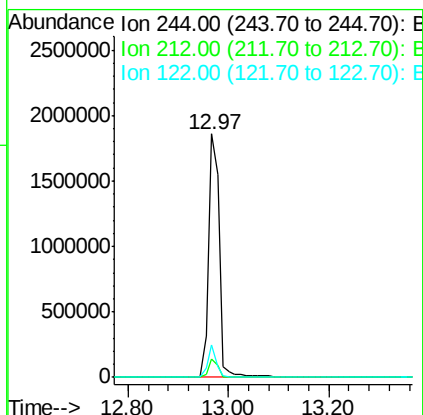
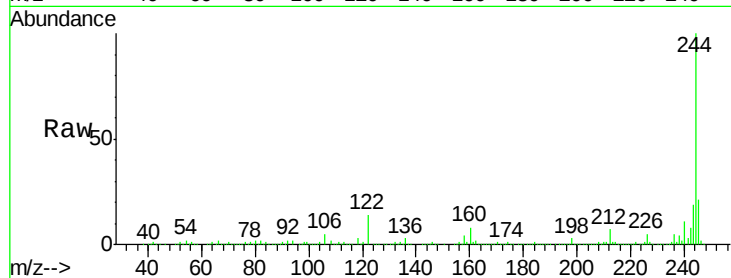




#78
 Terphenyl-d14
 Concen: 93.04 ng
 RT: 12.97 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF090757.D
 Acq: 22 Oct 2016 12:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-04I-101916

Tgt Ion:244 Resp: 2748977
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 13.5 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: BF090757.D
 Acq: 22 Oct 2016 12:53

Tgt Ion:264 Resp: 465670
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 21.4 17.2 25.8

