

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080639.D
 Acq On : 24 Jul 2015 21:49
 Operator : TP/UM
 Sample : G3079-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-7-22-15

Quant Time: Jul 25 05:14:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

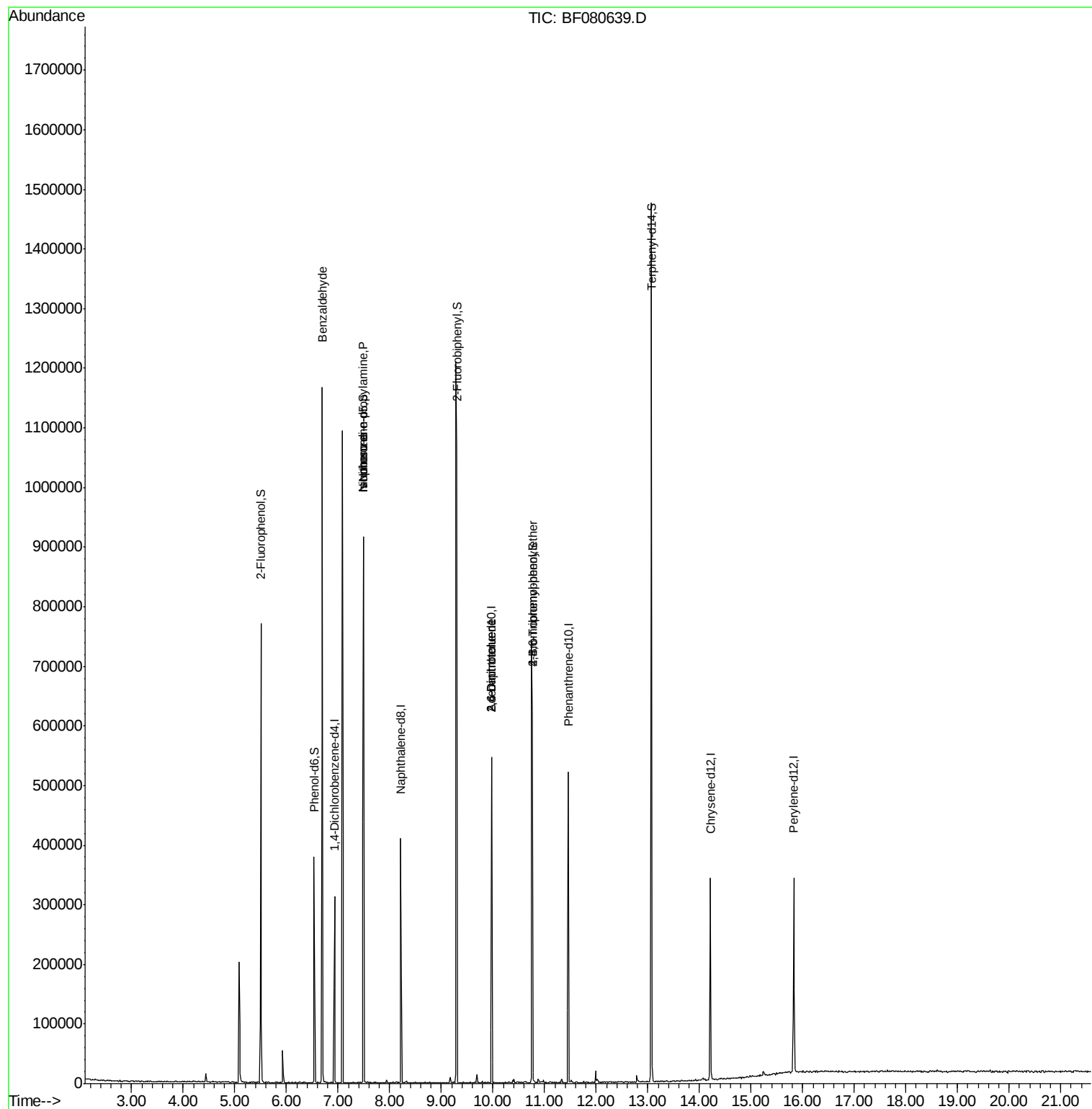
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51630	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	189817	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	99619	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	183315	20.00	ng	0.00
75) Chrysene-d12	14.21	240	164916	20.00	ng	0.06
86) Perylene-d12	15.83	264	152846	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	173405	56.55	ng	0.00
7) Phenol-d6	6.53	99	121450	33.16	ng	-0.01
23) Nitrobenzene-d5	7.49	82	303212	80.22	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	107581	120.20	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	518904	80.37	ng	0.00
78) Terphenyl-d14	13.07	244	579205	75.62	ng	0.01
Target Compounds						
9) Benzaldehyde	6.69	77	8498	3.55	ng	# 78
19) n-Nitroso-di-n-propylamine	7.49	70	40742	15.42	ng	# 65
25) Isophorone	7.49	82	302742	45.67	ng	# 73
50) 2,6-Dinitrotoluene	9.97	165	11978	9.42	ng	# 1
56) 2,4-Dinitrotoluene	9.97	165	11979	7.12	ng	# 2
66) 4-Bromophenyl-phenylether	10.76	248	6700	3.88	ng	# 1

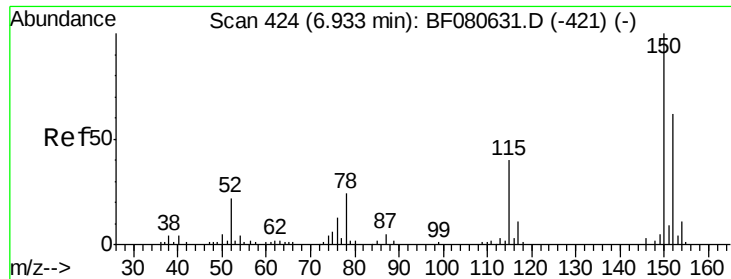
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

Instrument :

BNA_F

ClientSampleId :

MW-1-7-22-15

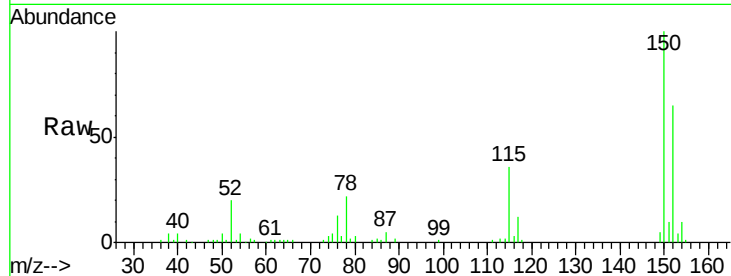
Tgt Ion:152 Resp: 51630

Ion Ratio Lower Upper

152 100

150 154.0 128.9 193.3

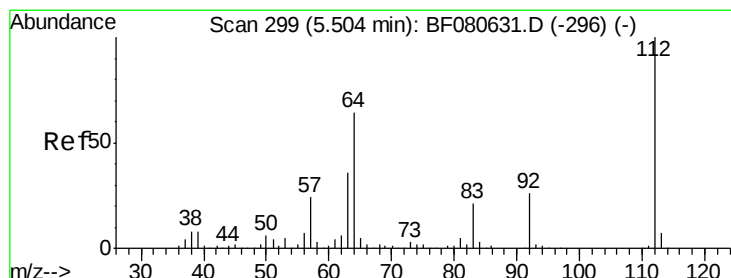
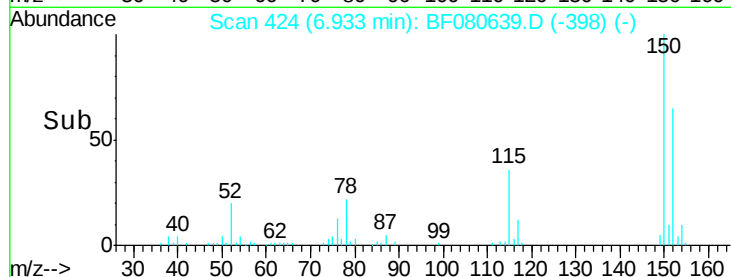
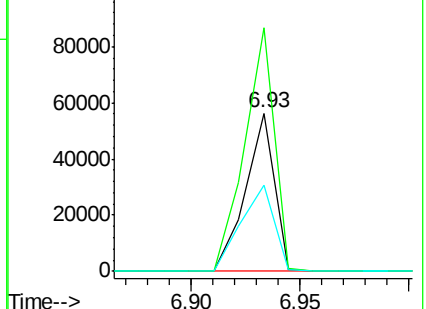
115 54.8 51.0 76.6



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: 56.55 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

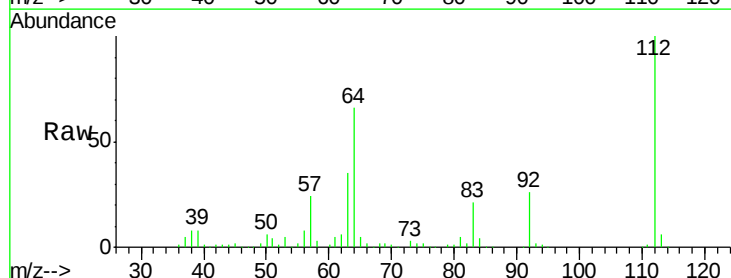
Tgt Ion:112 Resp: 173405

Ion Ratio Lower Upper

112 100

64 65.8 51.2 76.8

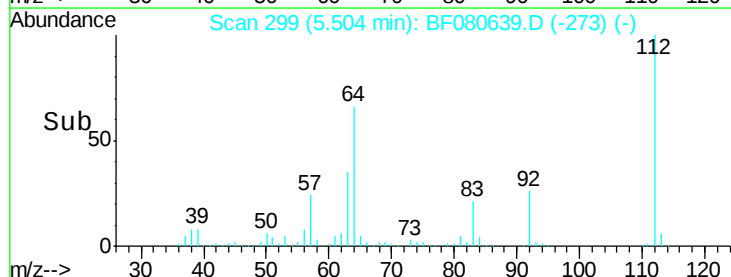
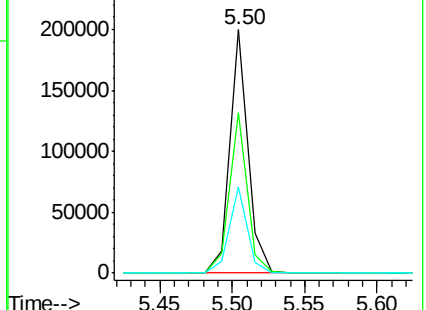
63 35.2 29.0 43.6

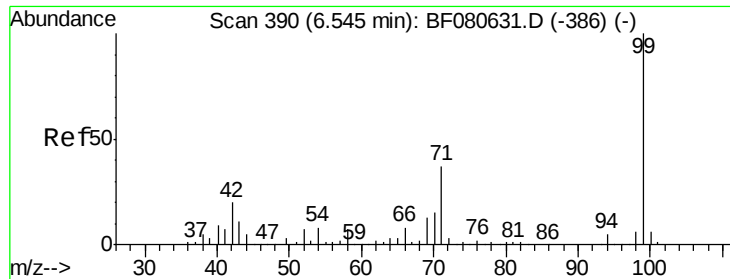


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.16 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

Instrument :

BNA_F

ClientSampled :

MW-1-7-22-15

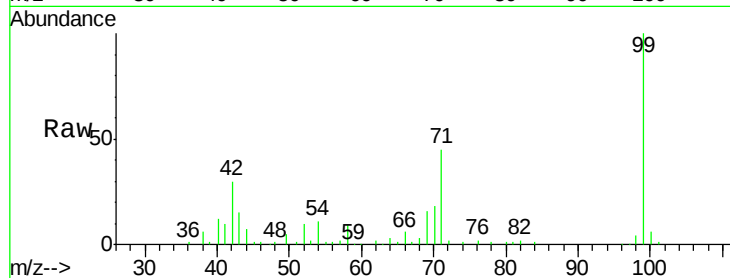
Tgt Ion: 99 Resp: 121450

Ion Ratio Lower Upper

99 100

42 30.2 16.3 24.5#

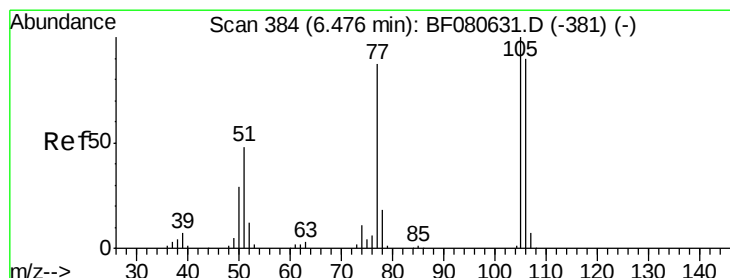
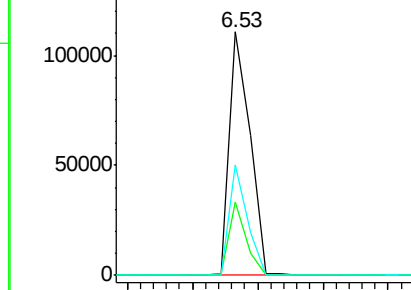
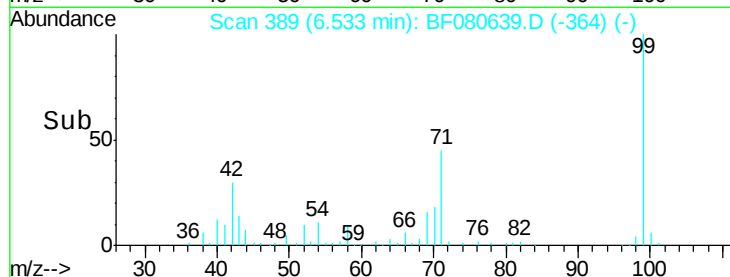
71 45.3 29.7 44.5#



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: 3.55 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.22 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

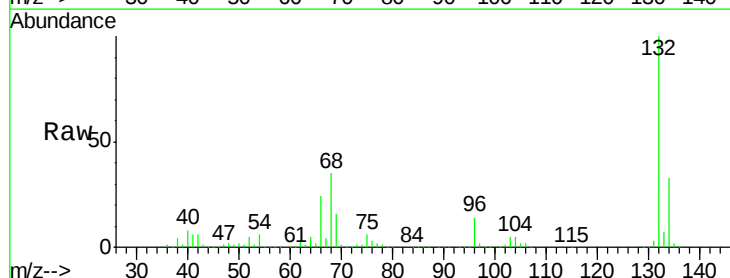
Tgt Ion: 77 Resp: 8498

Ion Ratio Lower Upper

77 100

105 89.7 94.7 134.7#

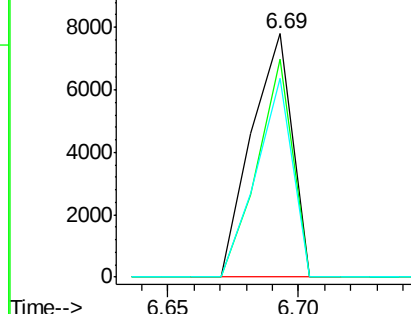
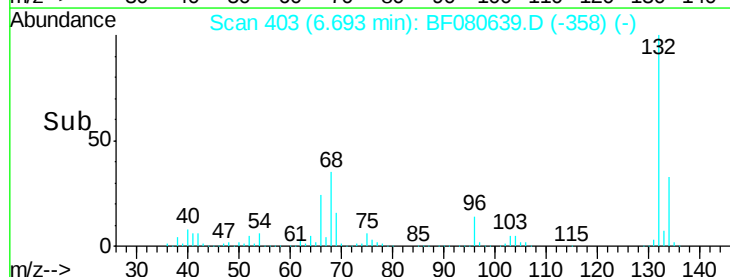
106 81.4 83.4 123.4#

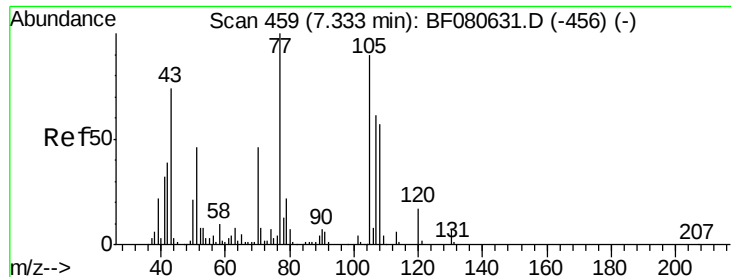


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

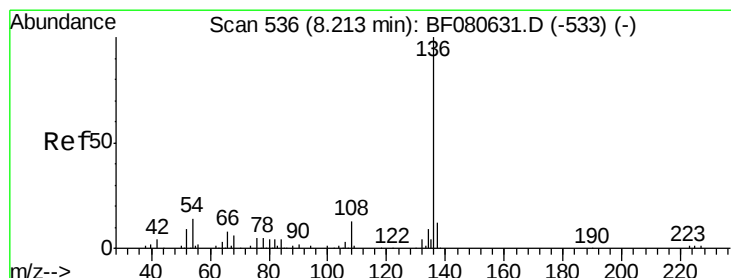
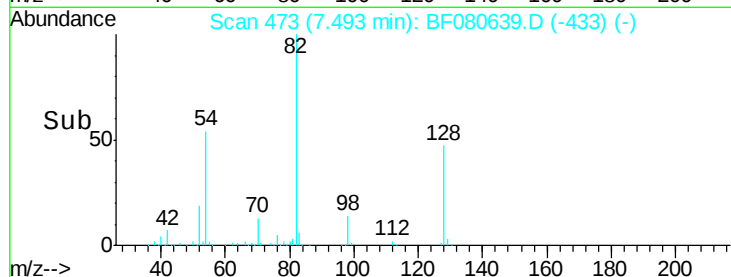
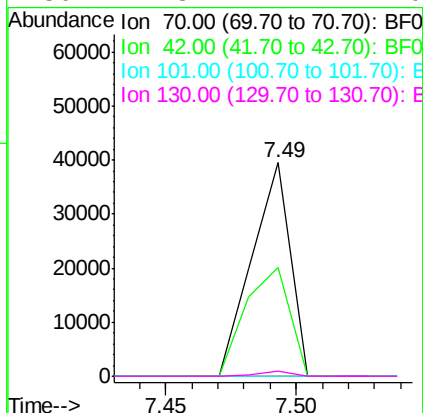
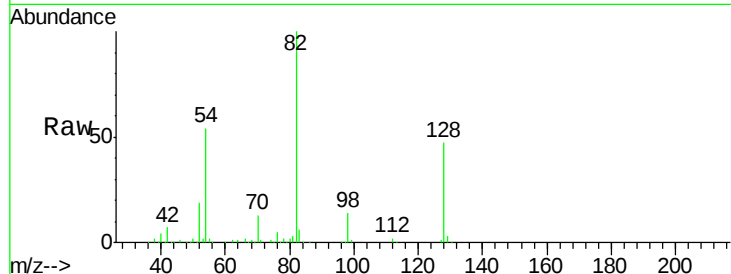




#19
n-Nitroso-di-n-propylamine
Concen: 15.42 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.16 min
Lab File: BF080639.D
Acq: 24 Jul 2015 21:49

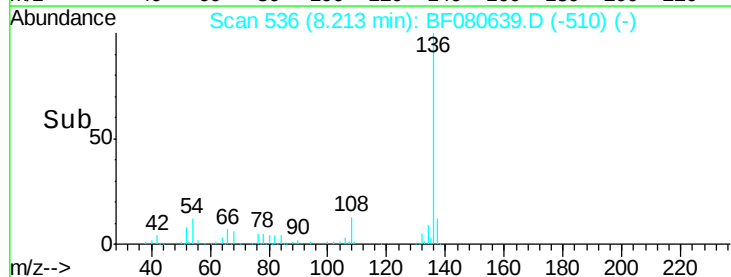
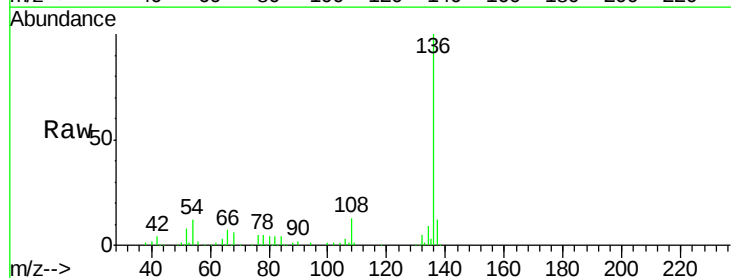
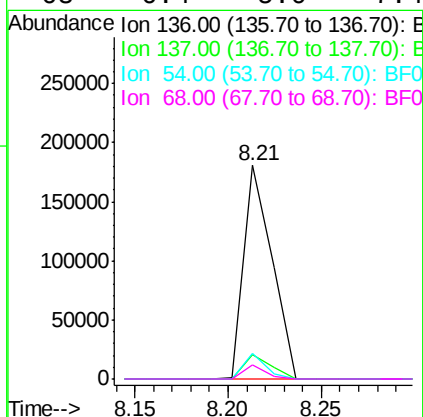
Instrument :
BNA_F
ClientSampleId :
MW-1-7-22-15

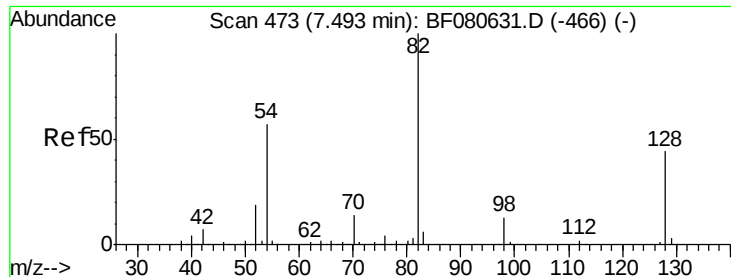
Tgt Ion: 70 Resp: 40742
Ion Ratio Lower Upper
70 100
42 51.0 67.8 101.8#
101 0.0 6.6 9.8#
130 2.3 11.4 17.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080639.D
Acq: 24 Jul 2015 21:49

Tgt Ion: 136 Resp: 189817
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 12.0 11.6 17.4
68 6.4 5.0 7.4

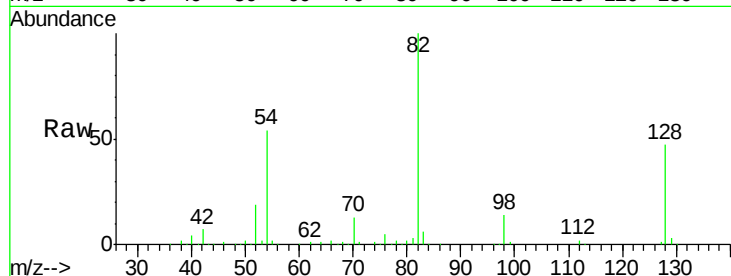




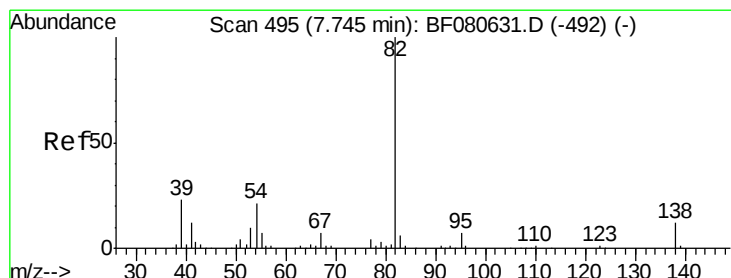
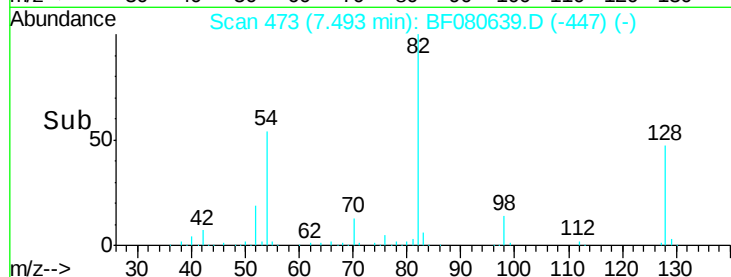
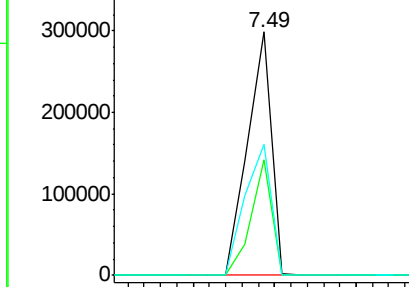
#23
 Nitrobenzene-d5
 Concen: 80.22 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-7-22-15

Tgt Ion: 82 Resp: 303212
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.8 52.2
 54 54.0 45.4 68.0

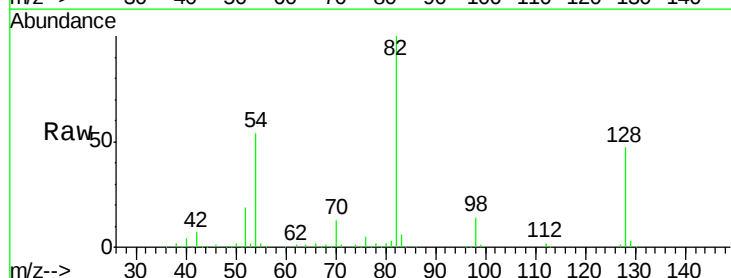


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

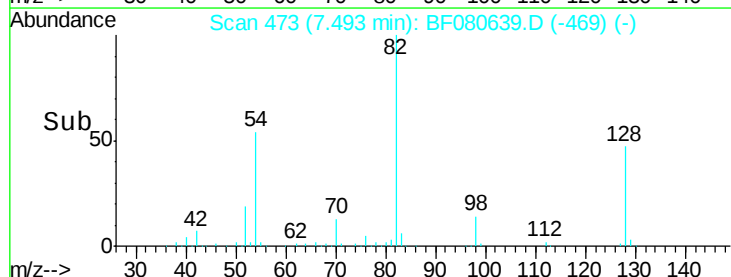
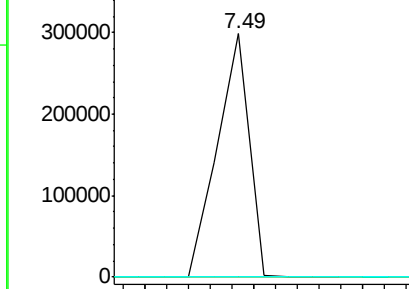


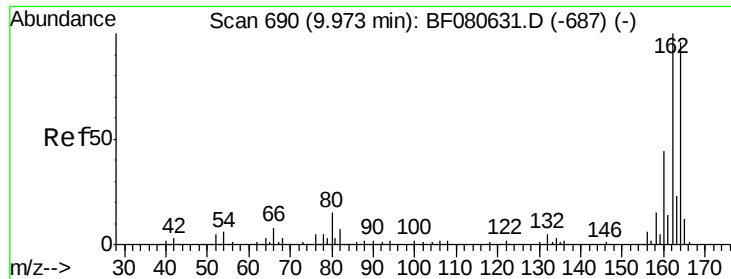
#25
 Isophorone
 Concen: 45.67 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.25 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Tgt Ion: 82 Resp: 302742
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 9.7 14.5#



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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

Instrument :

BNA_F

ClientSampleId :

MW-1-7-22-15

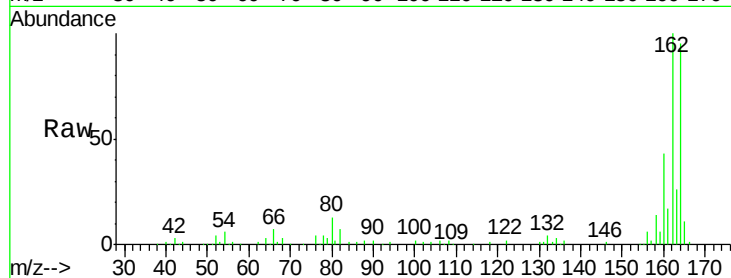
Tgt Ion:164 Resp: 99619

Ion Ratio Lower Upper

164 100

162 105.0 83.3 124.9

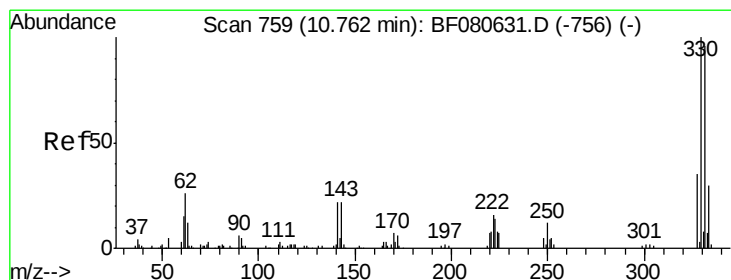
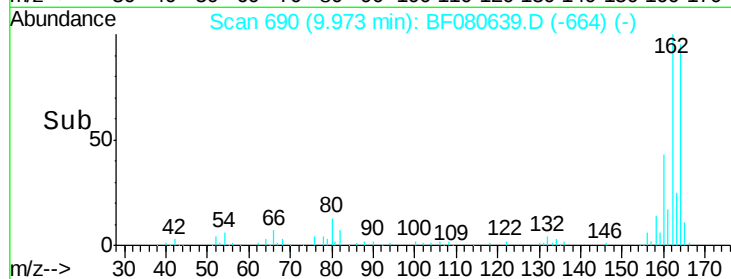
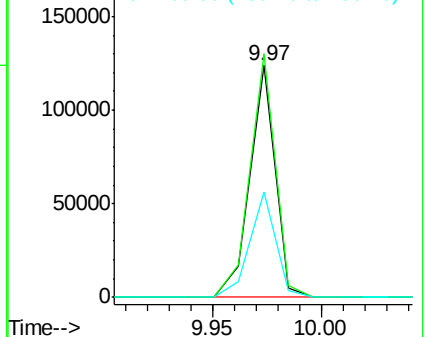
160 45.6 36.9 55.3



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: 120.20 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

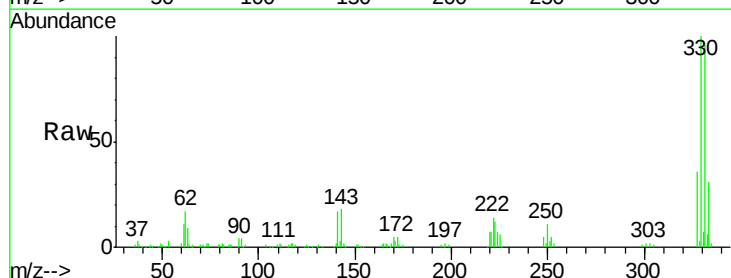
Tgt Ion:330 Resp: 107581

Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

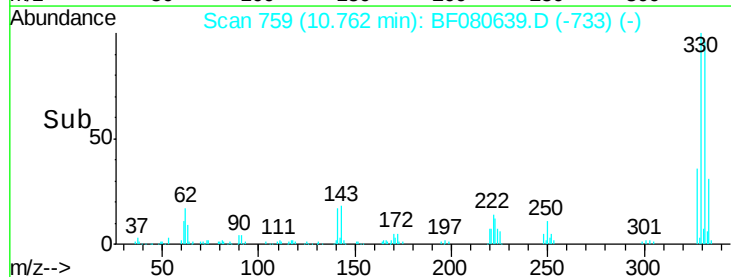
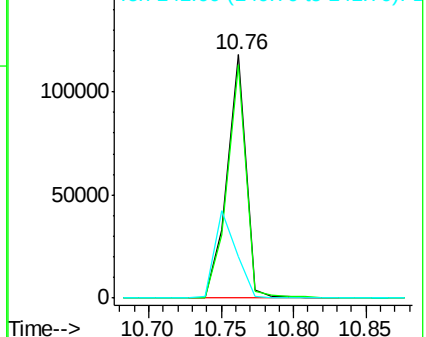
141 41.0 32.7 49.1

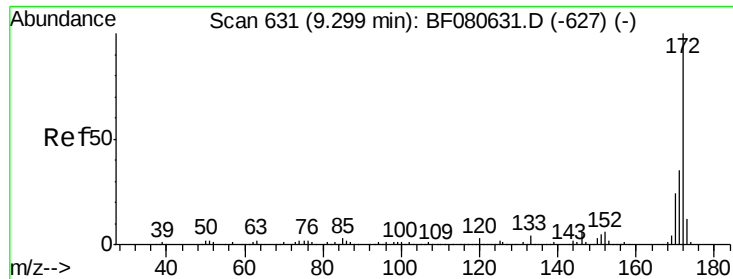


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

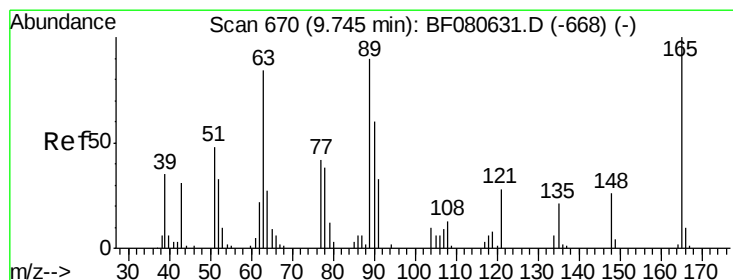
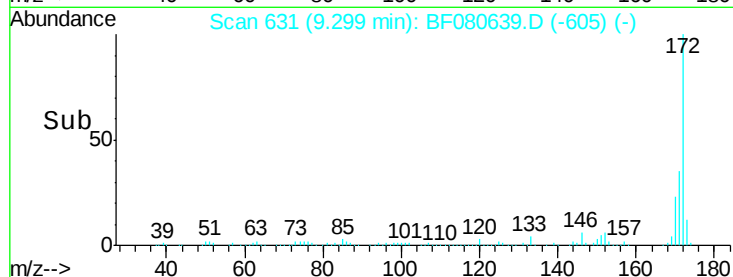
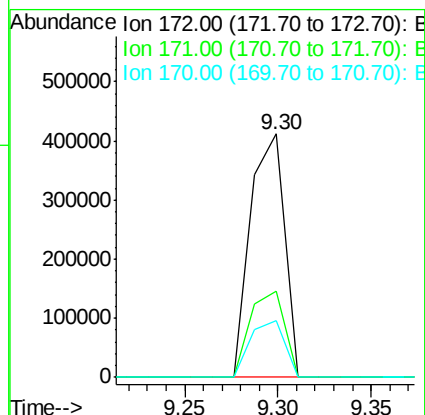
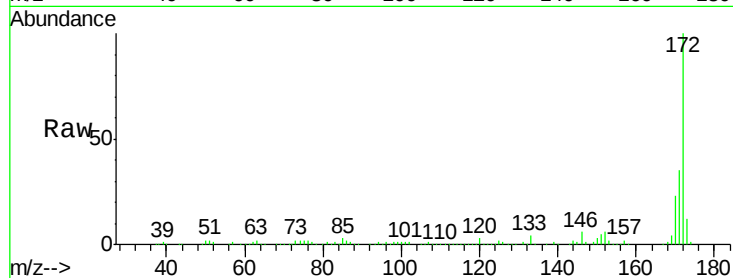




#44
 2-Fluorobiphenyl
 Concen: 80.37 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

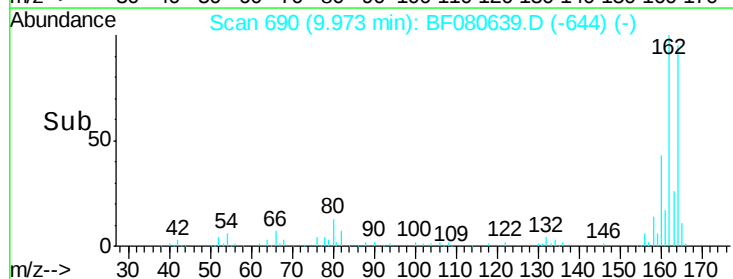
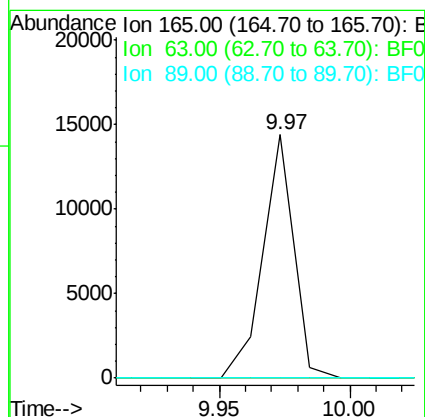
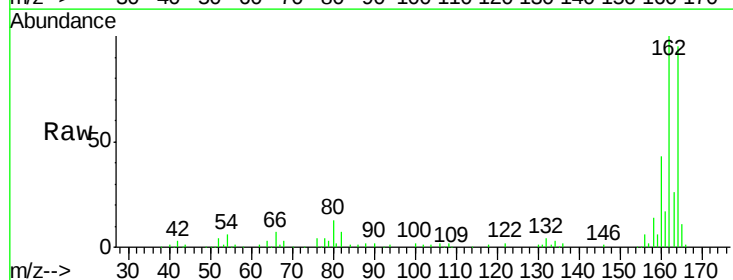
Instrument :
 BNA_F
 ClientSampled :
 MW-1-7-22-15

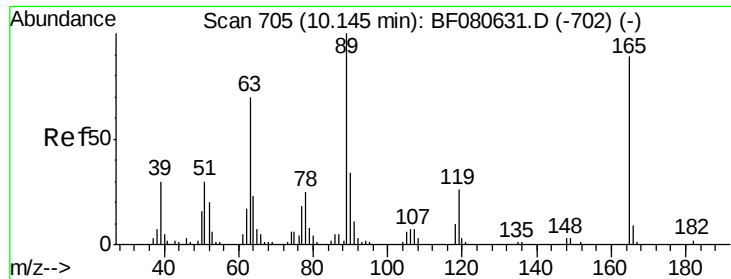
Tgt Ion:172 Resp: 518904
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.7 41.5
 170 23.3 19.0 28.4



#50
 2,6-Dinitrotoluene
 Concen: 9.42 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.23 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Tgt Ion:165 Resp: 11978
 Ion Ratio Lower Upper
 165 100
 63 0.0 84.0 126.0#
 89 0.0 71.7 107.5#





#56

2,4-Dinitrotoluene

Concen: 7.12 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.17 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

Instrument :

BNA_F

ClientSampleId :

MW-1-7-22-15

Tgt Ion:165 Resp: 11979

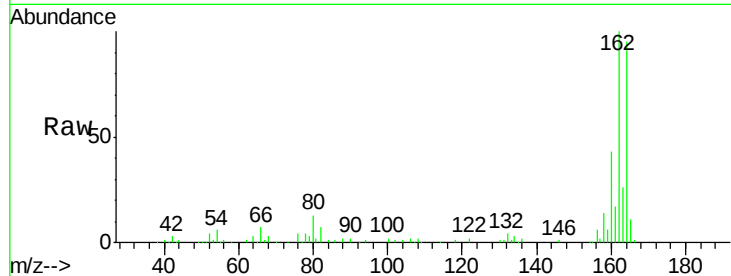
Ion Ratio Lower Upper

165 100

63 0.0 63.0 94.4#

89 0.0 90.2 135.2#

182 0.0 1.6 2.4#

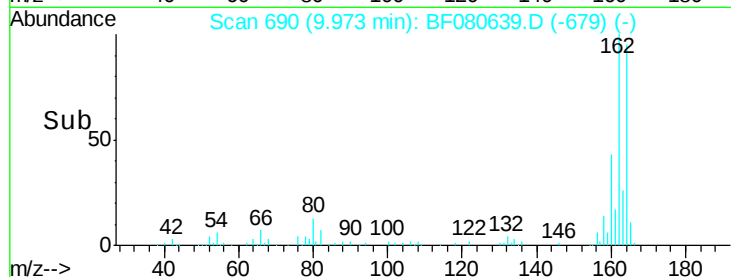


Abundance Ion 165.00 (164.70 to 165.70): E

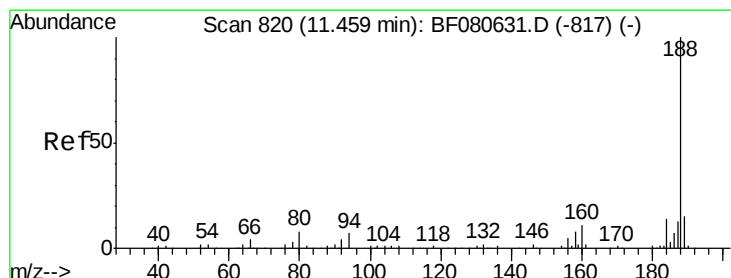
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

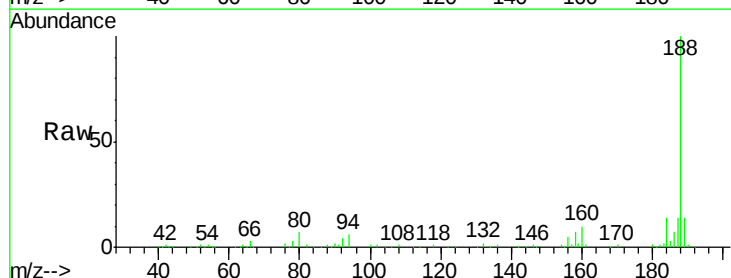
Tgt Ion:188 Resp: 183315

Ion Ratio Lower Upper

188 100

94 6.1 5.6 8.4

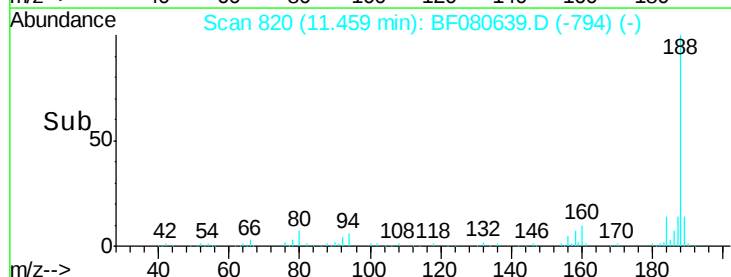
80 6.8 6.1 9.1



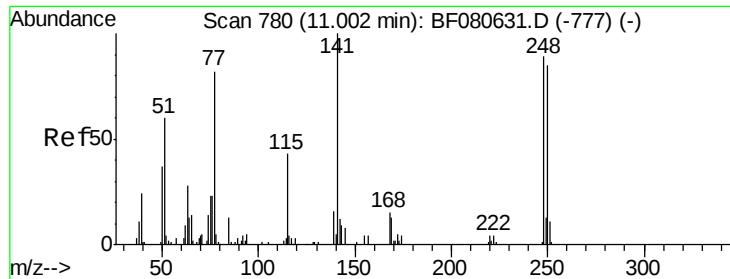
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.88 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.24 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

Instrument :

BNA_F

ClientSampleId :

MW-1-7-22-15

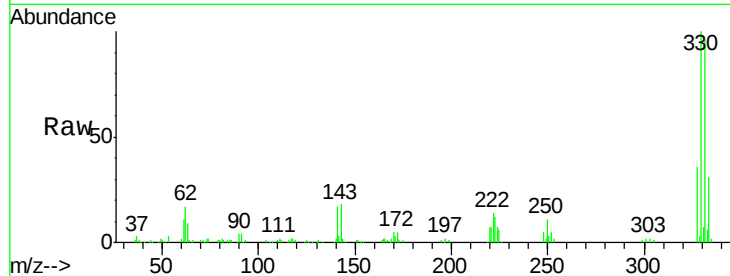
Tgt Ion:248 Resp: 6700

Ion Ratio Lower Upper

248 100

250 217.6 76.6 114.8#

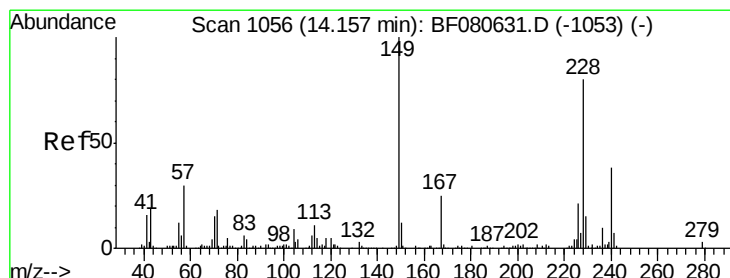
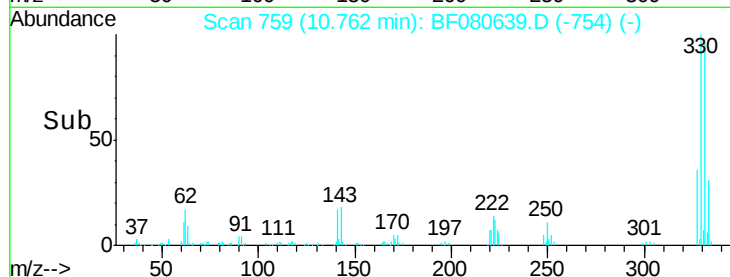
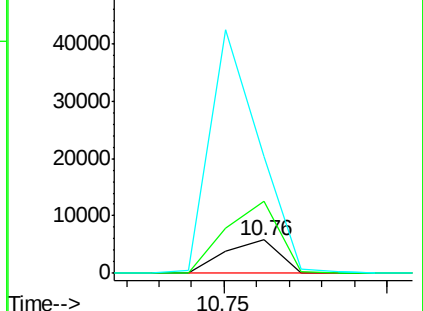
141 349.9 90.0 135.0#



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: 14.21 min Scan# 1061

Delta R.T. 0.06 min

Lab File: BF080639.D

Acq: 24 Jul 2015 21:49

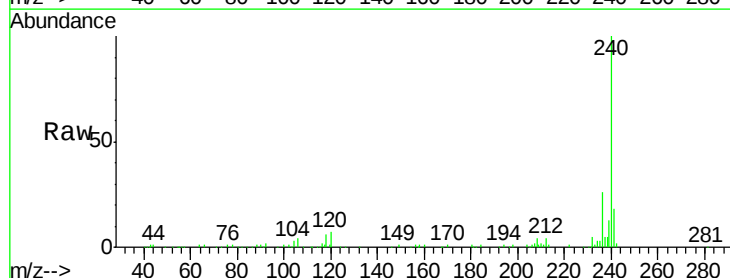
Tgt Ion:240 Resp: 164916

Ion Ratio Lower Upper

240 100

120 6.6 10.8 16.2#

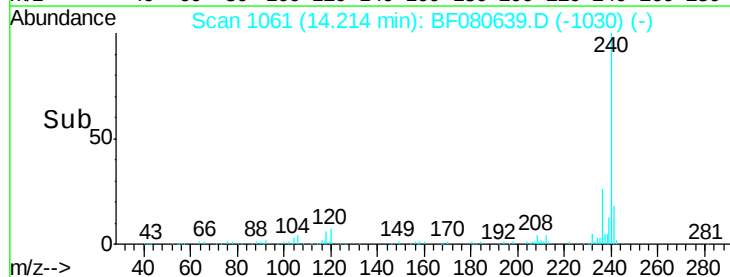
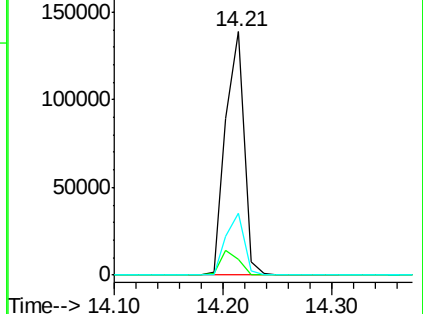
236 25.6 20.3 30.5

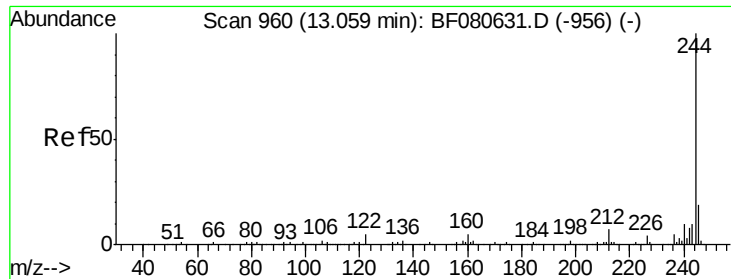


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

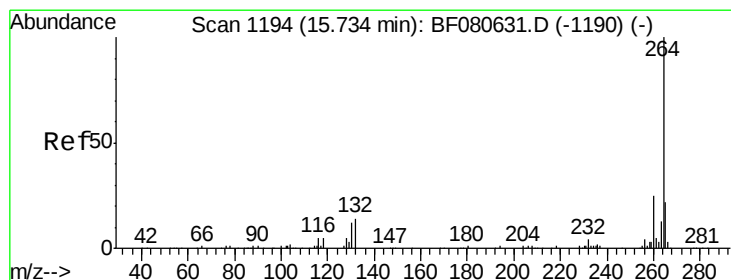
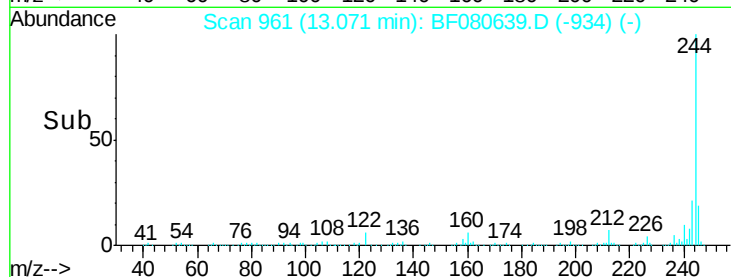
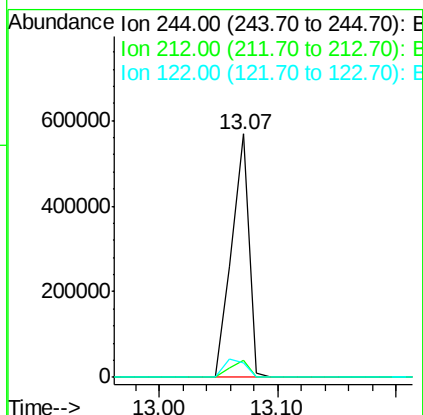
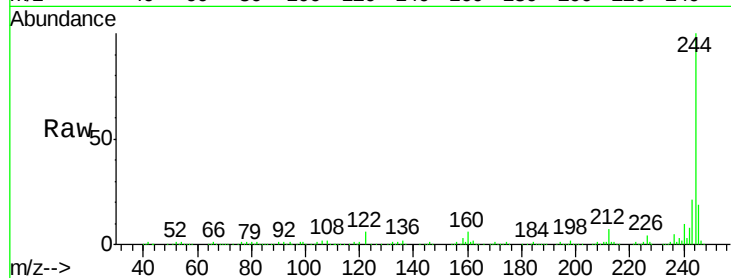




#78
 Terphenyl-d14
 Concen: 75.62 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-7-22-15

Tgt Ion:244 Resp: 579205
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 6.0 4.1 6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.83 min Scan# 1202
 Delta R.T. 0.09 min
 Lab File: BF080639.D
 Acq: 24 Jul 2015 21:49

Tgt Ion:264 Resp: 152846
 Ion Ratio Lower Upper
 264 100
 260 22.3 20.1 30.1
 265 20.5 17.4 26.0

