

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089236.D
 Acq On : 23 Jul 2016 14:32
 Operator : UM/SJ
 Sample : H4120-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-07-6.0-15.0

Quant Time: Jul 25 01:09:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

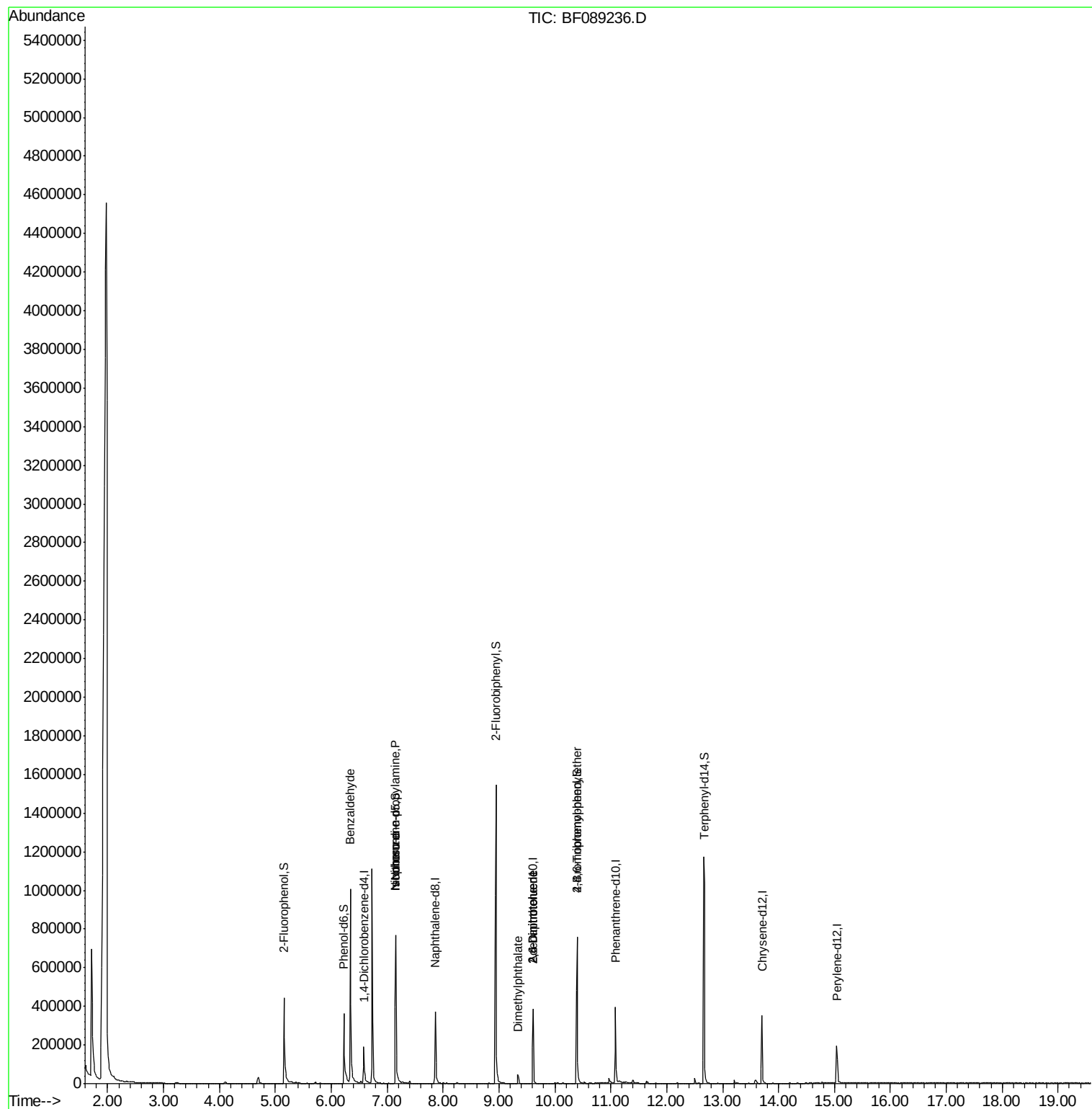
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46151	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	208993	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	97158	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	189281	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	135682	20.00	ng	-0.02
86) Perylene-d12	15.04	264	96531	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	208486	68.71	ng	-0.03
7) Phenol-d6	6.23	99	196325	50.17	ng	-0.05
23) Nitrobenzene-d5	7.15	82	374345	95.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	111815	127.83	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	684606	97.09	ng	-0.02
78) Terphenyl-d14	12.67	244	548189	87.63	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	7928	2.81	ng	# 72
19) n-Nitroso-di-n-propylamine	7.15	70	49569	19.37	ng	# 79
25) Isophorone	7.15	82	265943	36.69	ng	# 66
49) Dimethylphthalate	9.35	163	30168	4.05	ng	# 98
50) 2,6-Dinitrotoluene	9.61	165	12263	7.29	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	12263	5.66	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	8530	4.55	ng	# 1

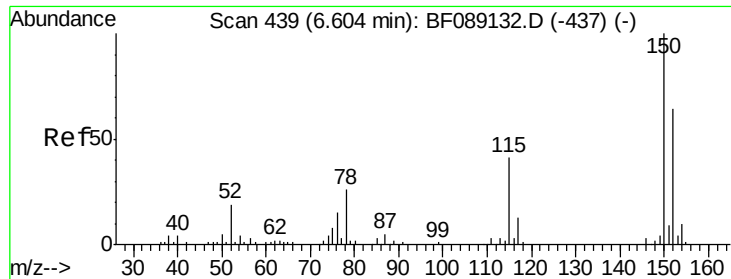
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 25 01:09:01 2016
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF089236.D

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Instrument :

BNA_F

ClientSampleId :

GW-07-6.0-15.0

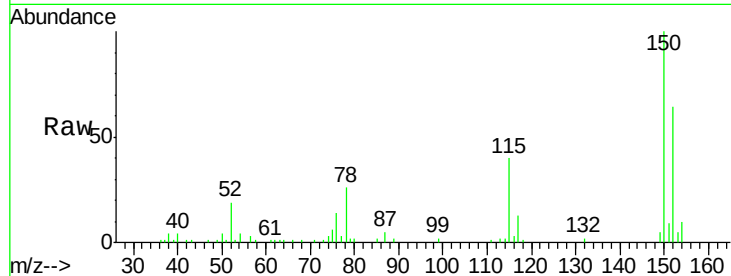
Tgt Ion:152 Resp: 46151

Ion Ratio Lower Upper

152 100

150 155.3 125.1 187.7

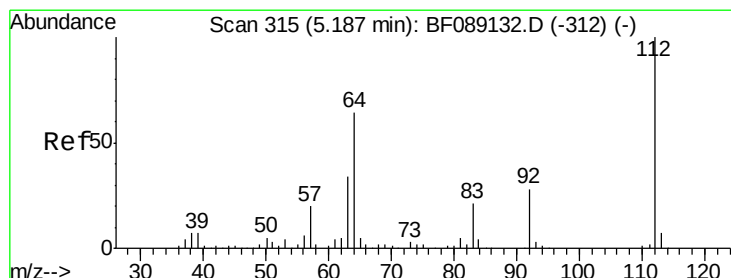
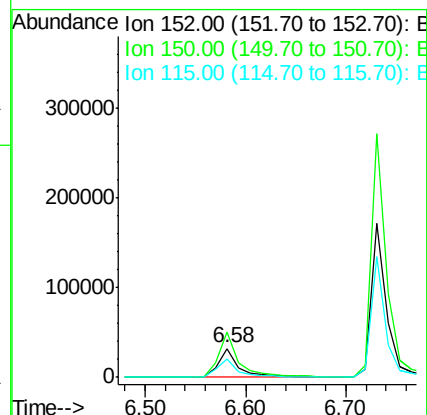
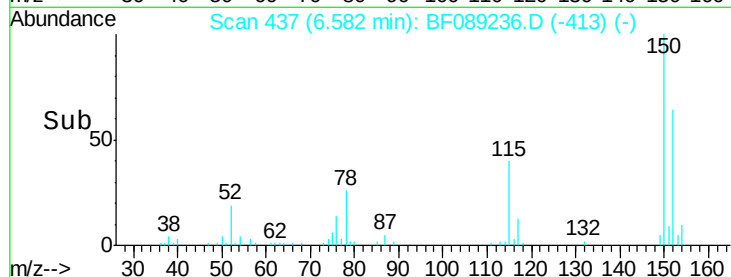
115 62.4 51.1 76.7



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: 68.71 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.03 min

Lab File: BF089236.D

Acq: 23 Jul 2016 14:32

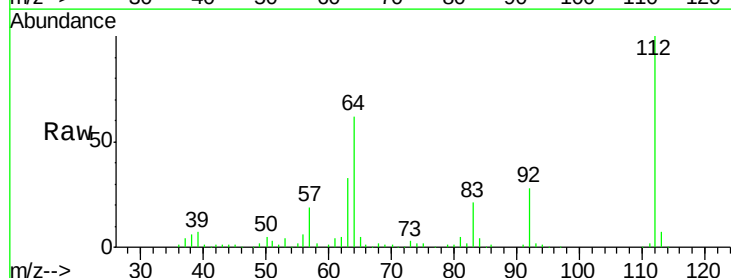
Tgt Ion:112 Resp: 208486

Ion Ratio Lower Upper

112 100

64 62.3 51.0 76.4

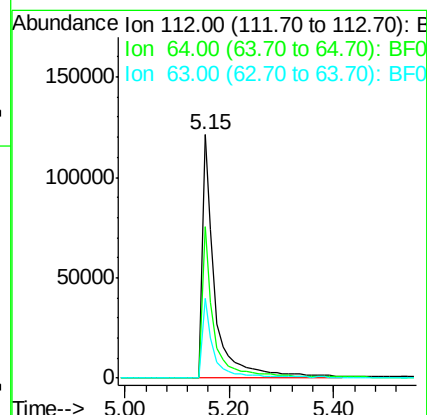
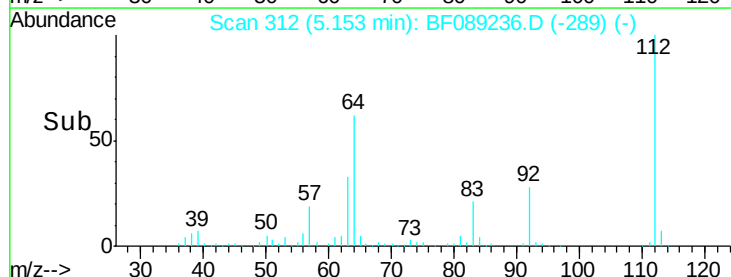
63 33.0 27.3 40.9

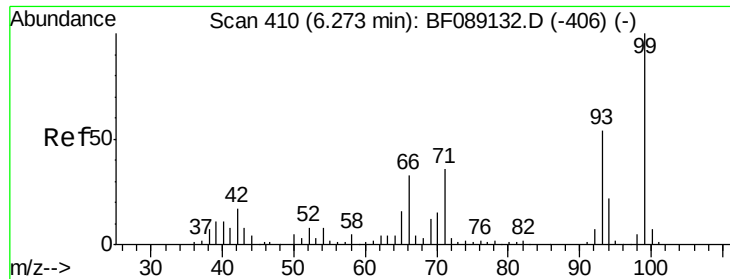


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.17 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089236.D

Acq: 23 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

GW-07-6.0-15.0

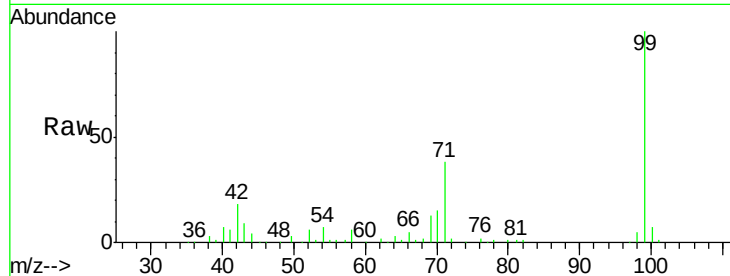
Tgt Ion: 99 Resp: 196325

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

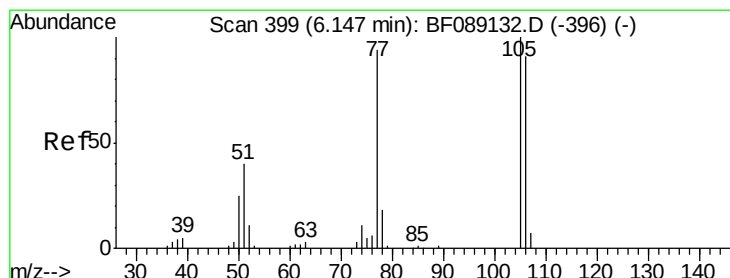
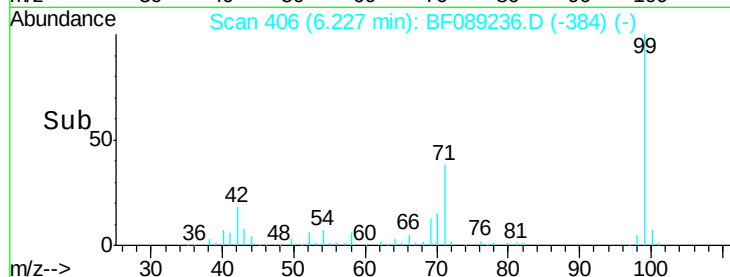
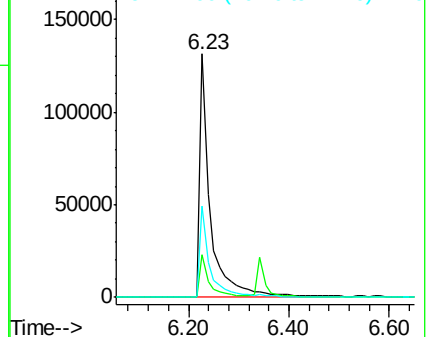
71 37.5 28.9 43.3



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: 2.81 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF089236.D

Acq: 23 Jul 2016 14:32

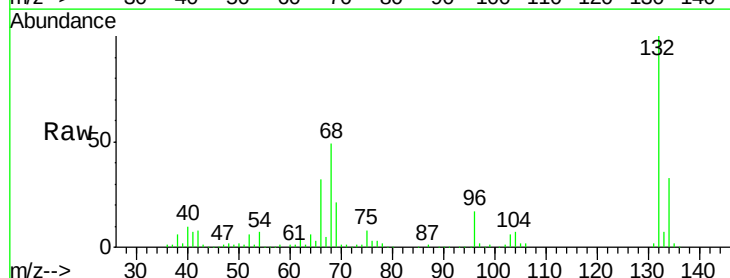
Tgt Ion: 77 Resp: 7928

Ion Ratio Lower Upper

77 100

105 75.9 86.2 126.2#

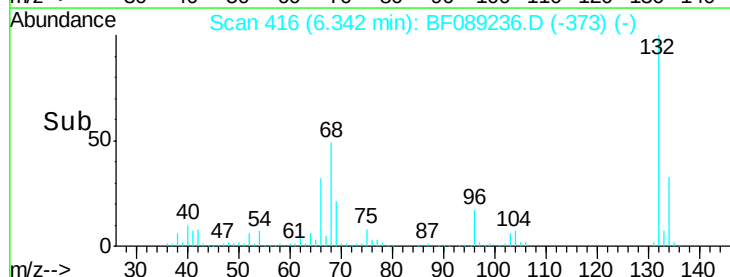
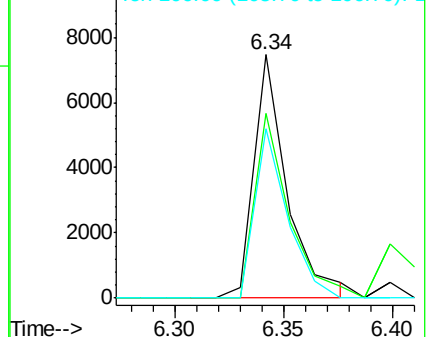
106 69.7 76.3 116.3#

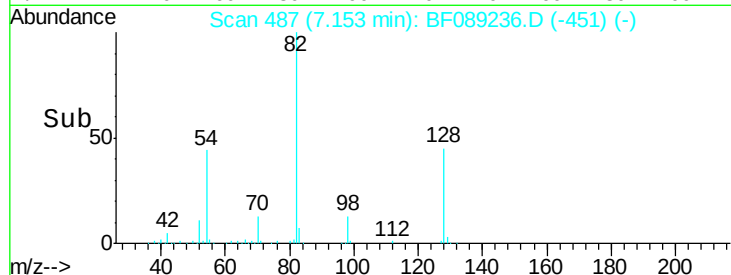
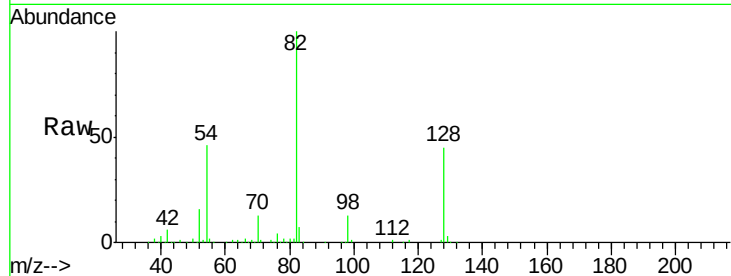
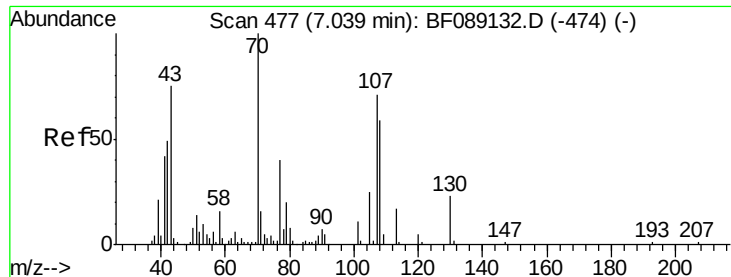


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

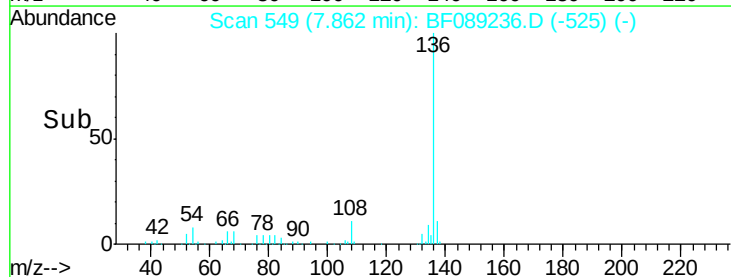
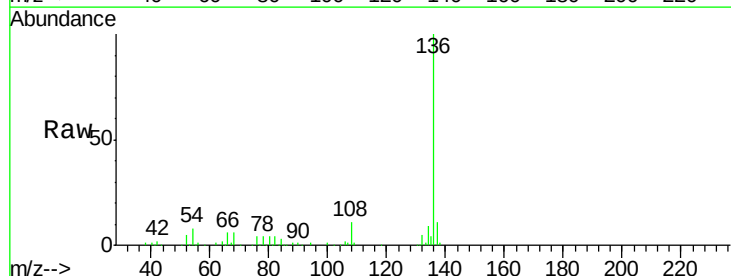
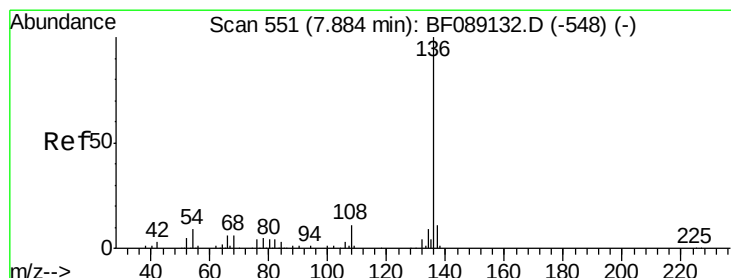
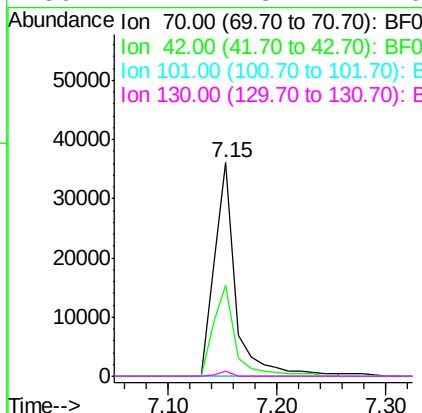




#19
n-Nitroso-di-n-propylamine
Concen: 19.37 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089236.D
Acq: 23 Jul 2016 14:32

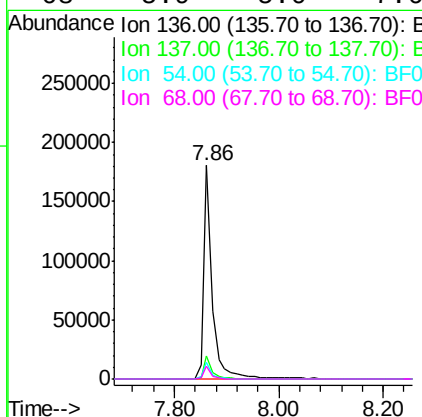
Instrument :
BNA_F
ClientSampleId :
GW-07-6.0-15.0

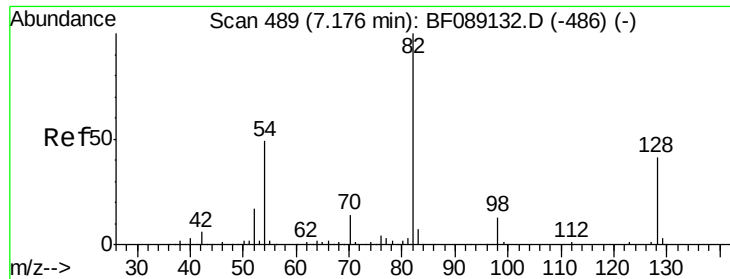
Tgt Ion: 70 Resp: 49569
Ion Ratio Lower Upper
70 100
42 42.6 39.2 58.8
101 0.0 8.5 12.7#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089236.D
Acq: 23 Jul 2016 14:32

Tgt Ion: 136 Resp: 208993
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 7.0 10.4
68 5.9 5.0 7.6

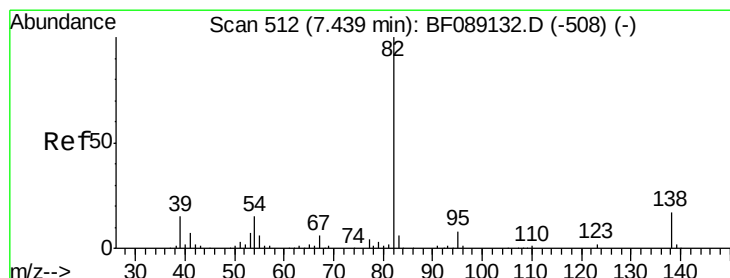
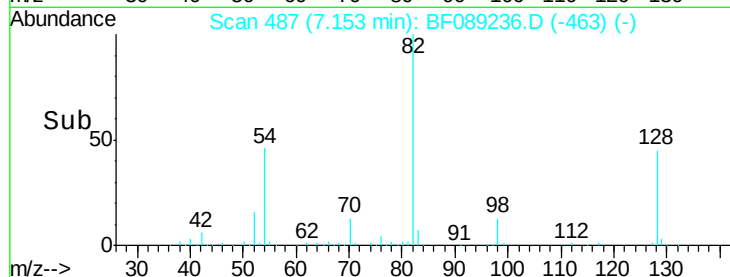
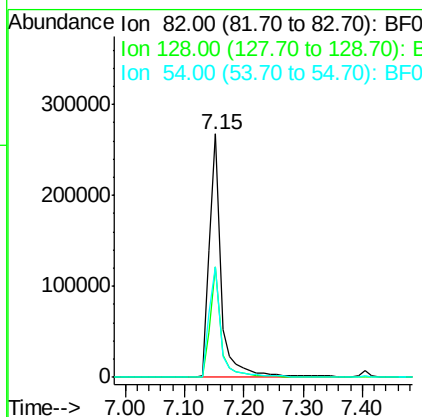
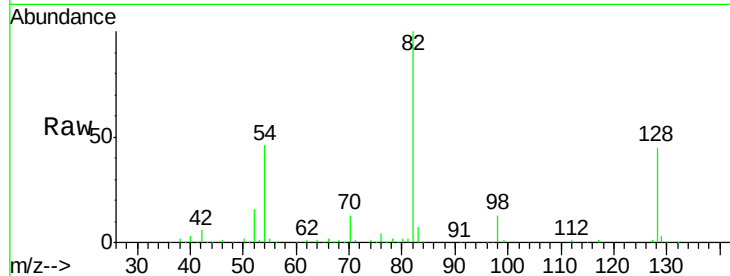




#23
 Nitrobenzene-d5
 Concen: 95.17 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

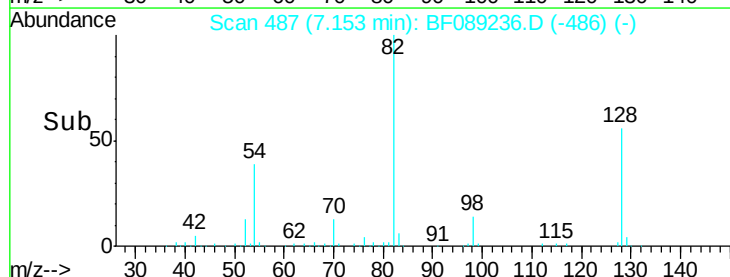
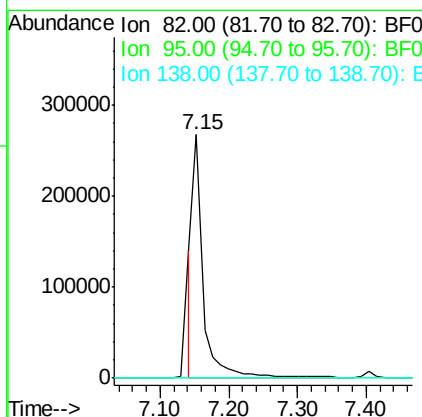
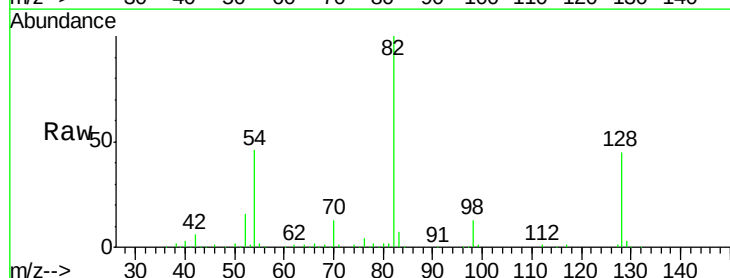
Instrument :
 BNA_F
 ClientSampleId :
 GW-07-6.0-15.0

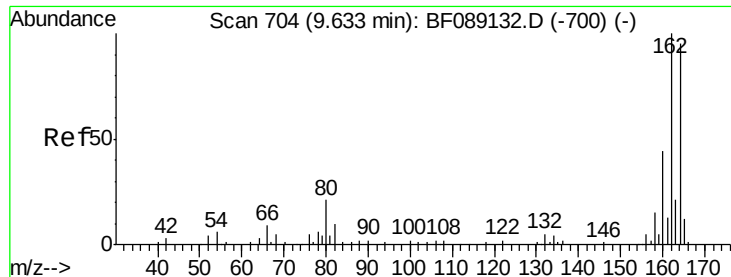
Tgt Ion: 82 Resp: 374345
 Ion Ratio Lower Upper
 82 100
 128 45.4 33.0 49.6
 54 45.5 39.0 58.4



#25
 Isophorone
 Concen: 36.69 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.29 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

Tgt Ion: 82 Resp: 265943
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.6 20.4#

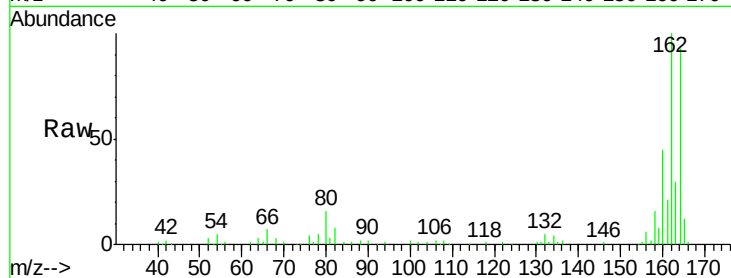




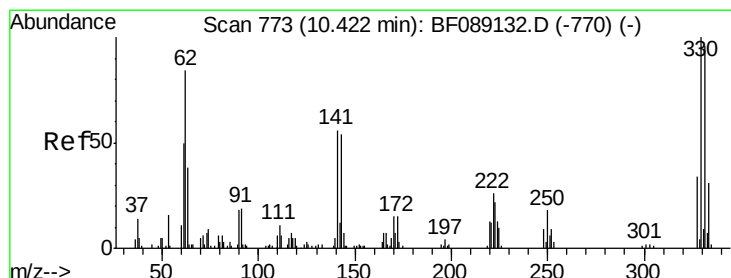
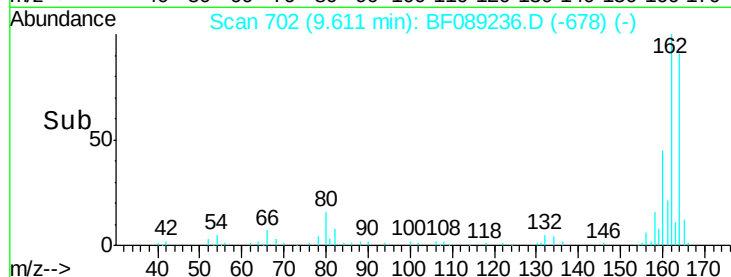
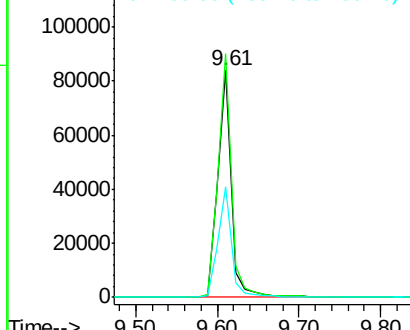
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GW-07-6.0-15.0

Tgt Ion:164 Resp: 97158
 Ion Ratio Lower Upper
 164 100
 162 107.3 84.1 126.1
 160 48.7 37.1 55.7

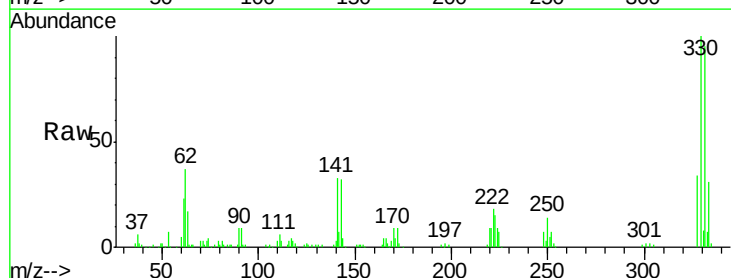


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

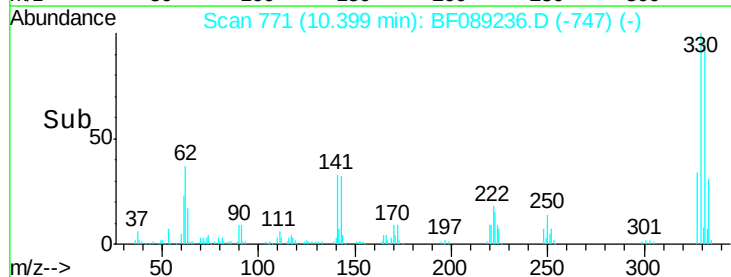
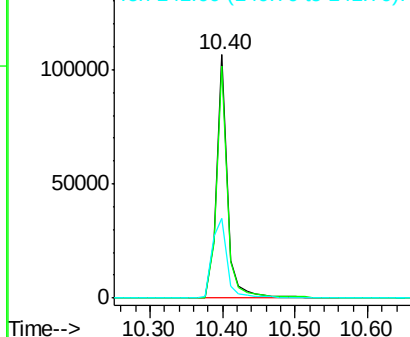


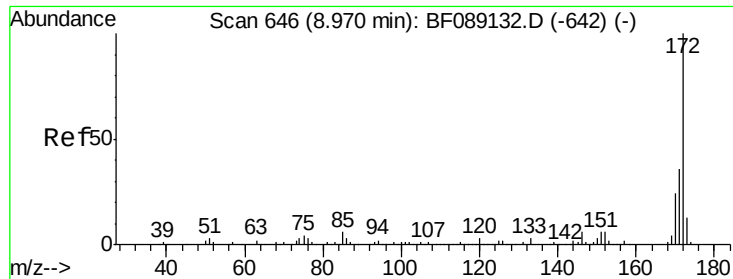
#41
 2,4,6-Tribromophenol
 Concen: 127.83 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

Tgt Ion:330 Resp: 111815
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 45.6 42.2 63.2



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

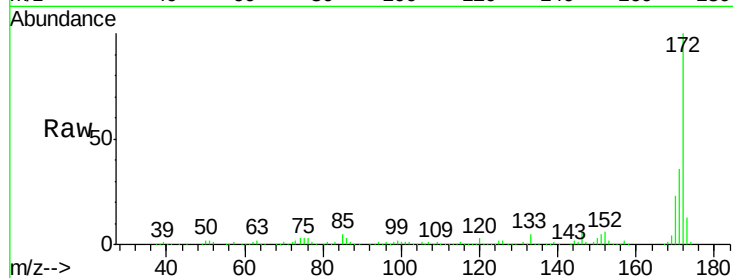




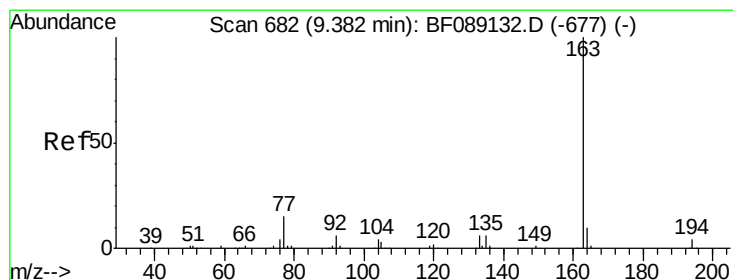
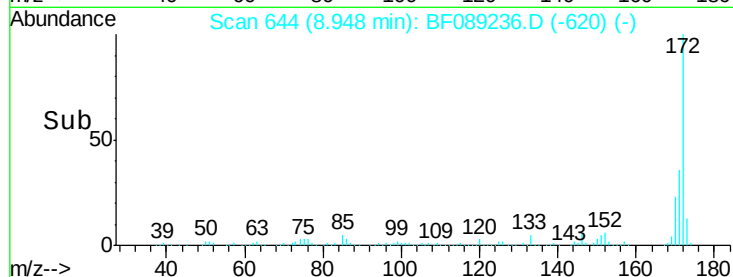
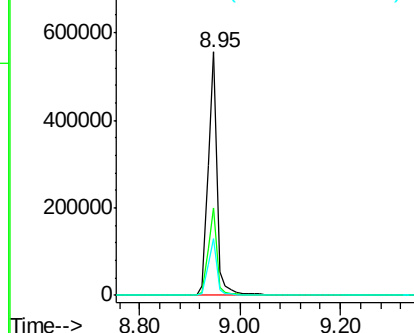
#44
 2-Fluorobiphenyl
 Concen: 97.09 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GW-07-6.0-15.0

Tgt Ion:172 Resp: 684606
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.5 19.1 28.7

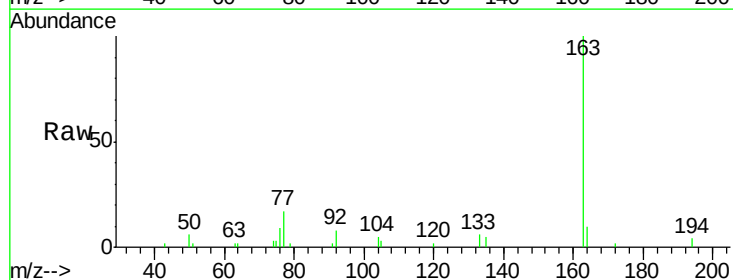


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

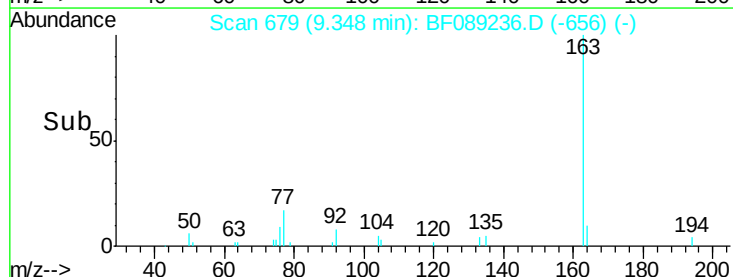
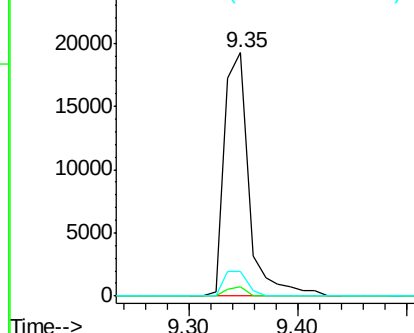


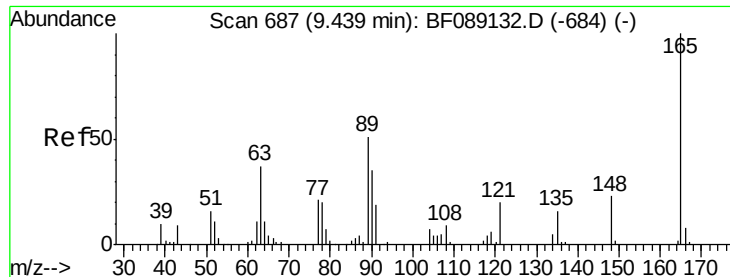
#49
 Dimethylphthalate
 Concen: 4.05 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

Tgt Ion:163 Resp: 30168
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.9 4.3
 164 10.2 7.6 11.4



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

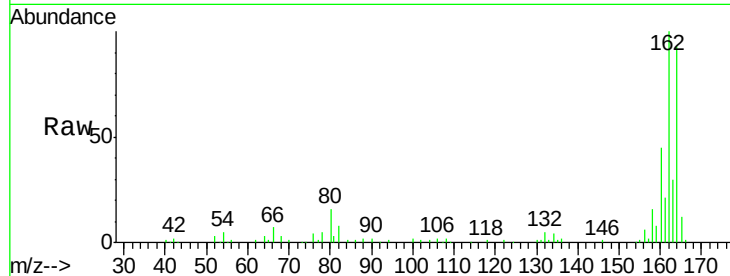




#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GW-07-6.0-15.0

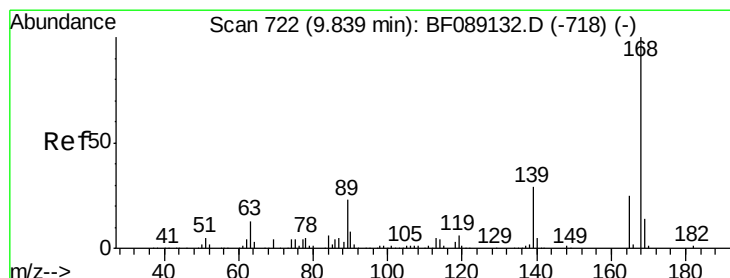
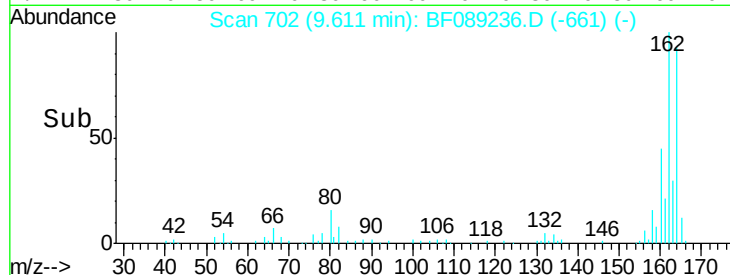
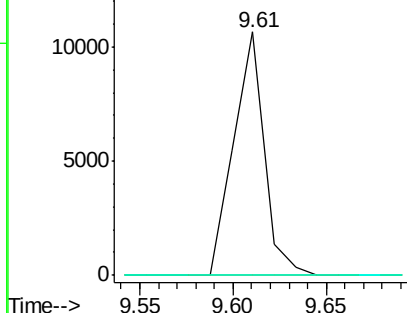
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#



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: 5.66 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

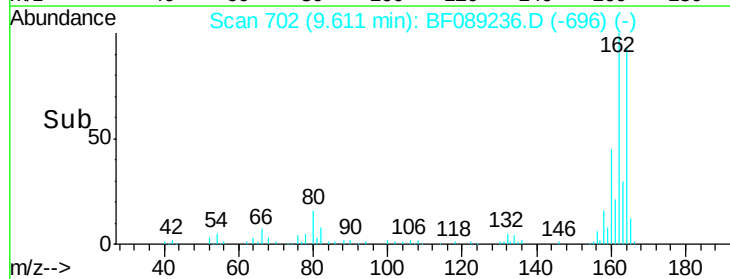
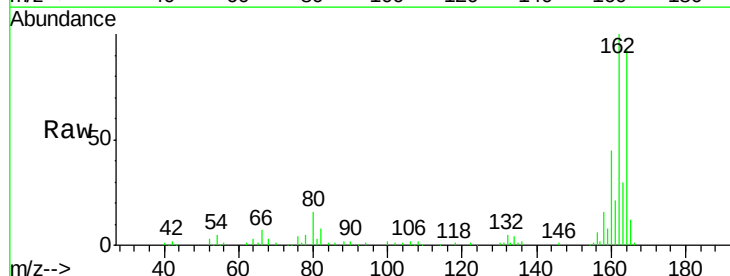
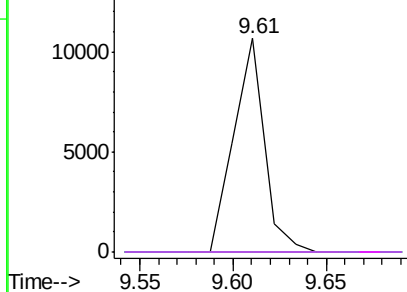
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

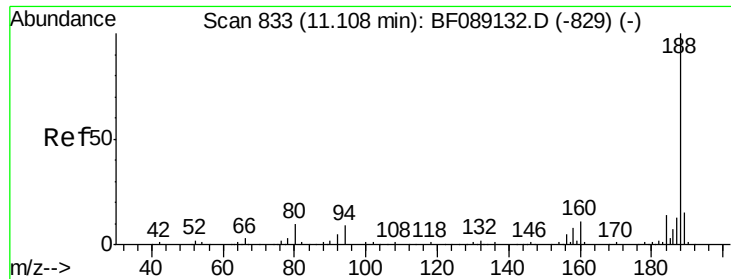
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

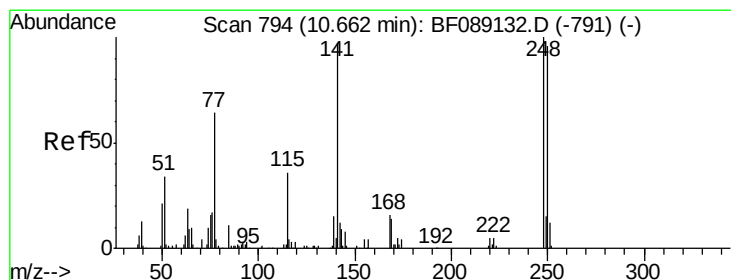
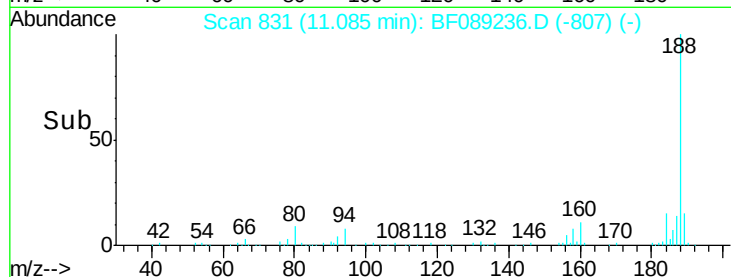
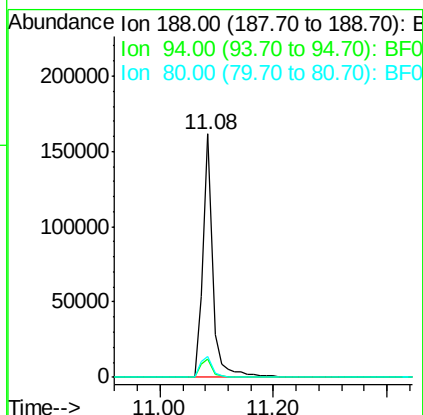
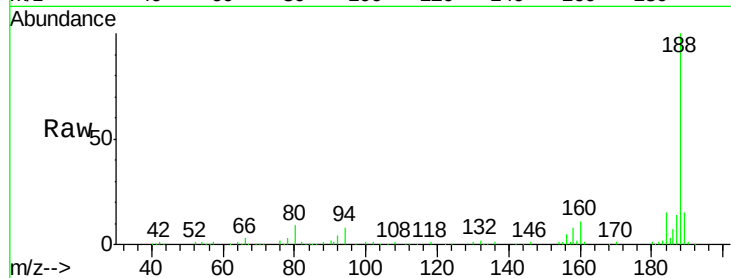




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

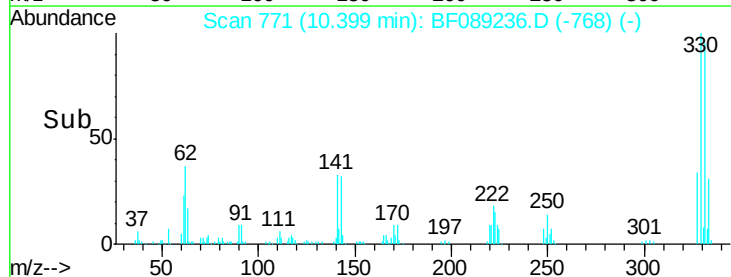
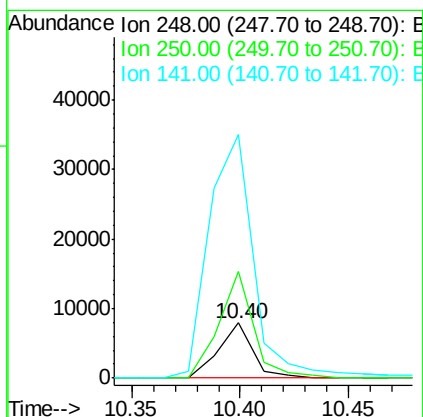
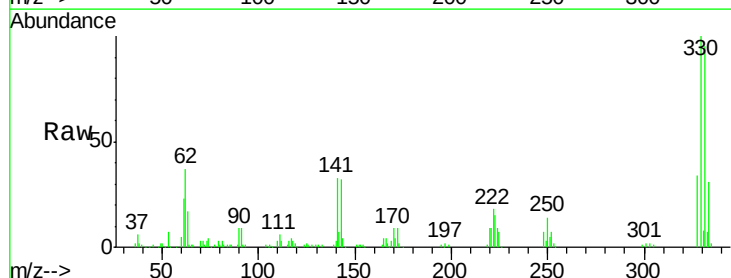
Instrument :
 BNA_F
 ClientSampleId :
 GW-07-6.0-15.0

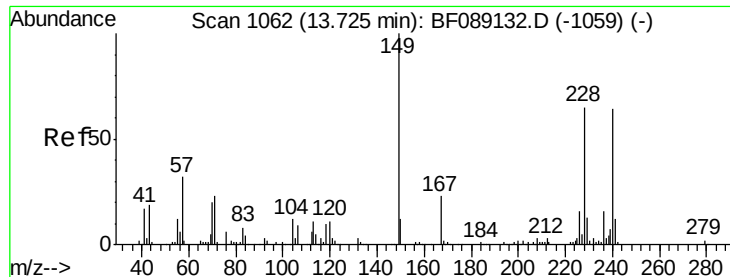
Tgt Ion:188 Resp: 189281
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.4
 80 8.6 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.55 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089236.D
 Acq: 23 Jul 2016 14:32

Tgt Ion:248 Resp: 8530
 Ion Ratio Lower Upper
 248 100
 250 193.7 76.9 115.3#
 141 439.8 77.4 116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089236.D

Acq: 23 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

GW-07-6.0-15.0

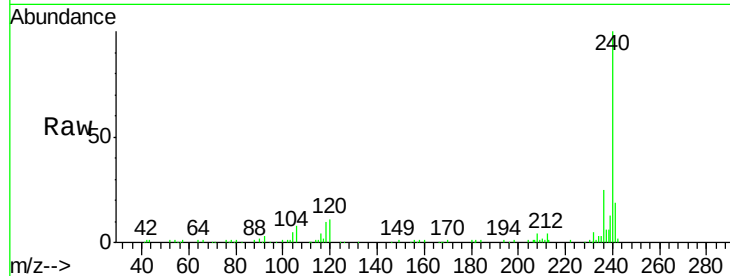
Tgt Ion:240 Resp: 135682

Ion Ratio Lower Upper

240 100

120 11.5 13.6 20.4#

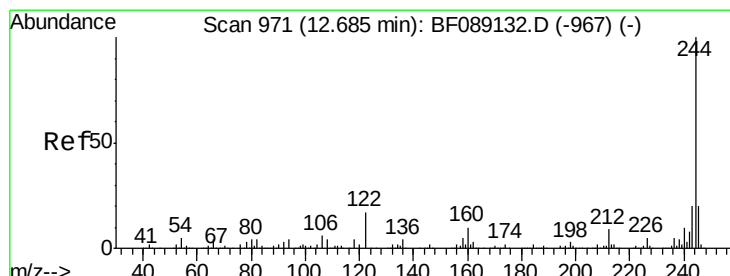
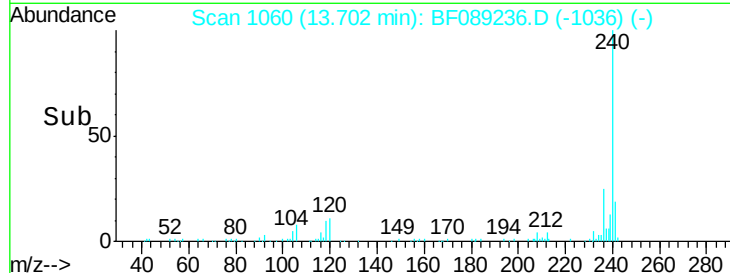
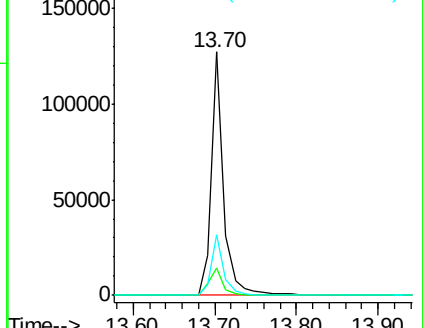
236 25.1 20.5 30.7



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: 87.63 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089236.D

Acq: 23 Jul 2016 14:32

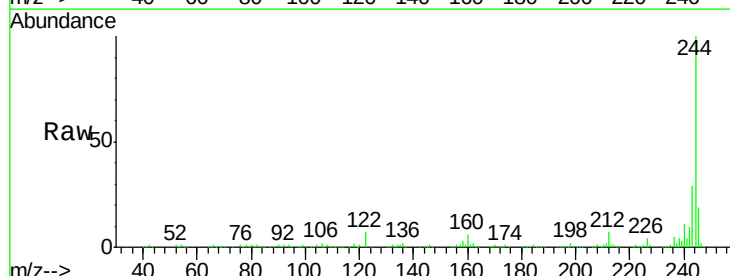
Tgt Ion:244 Resp: 548189

Ion Ratio Lower Upper

244 100

212 7.0 7.0 10.4

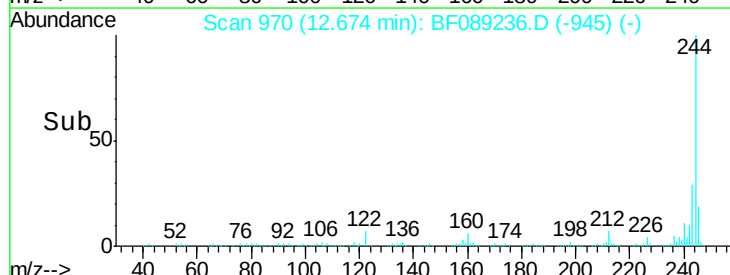
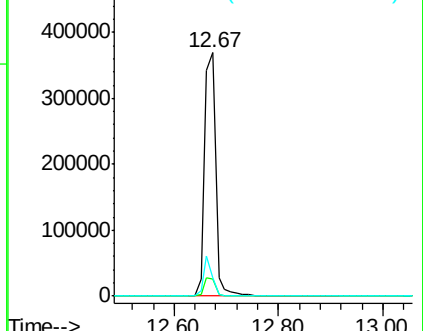
122 7.4 13.8 20.8#

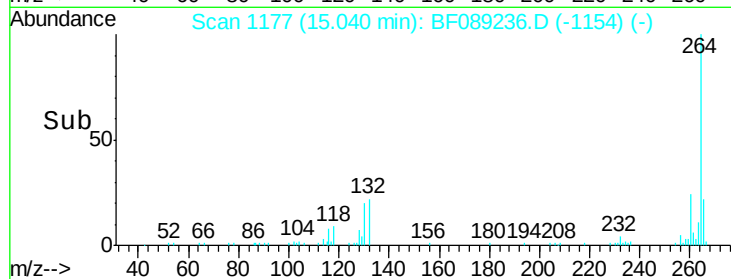
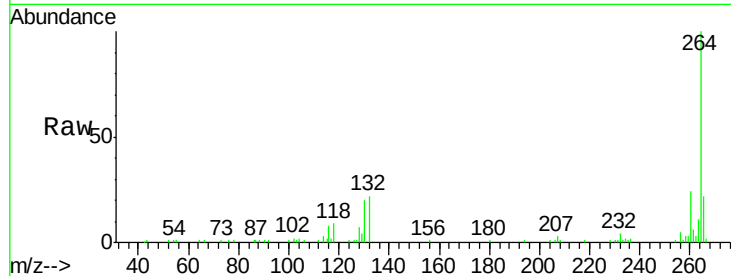
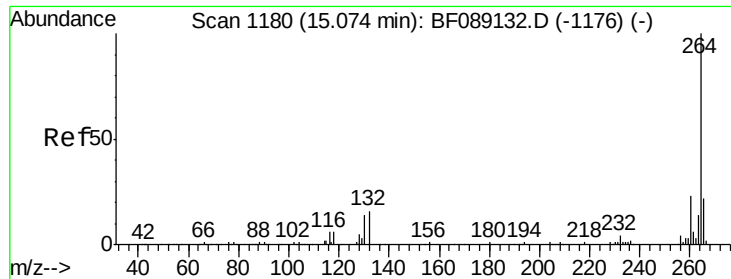


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF089236.D

Acq: 23 Jul 2016 14:32

Instrument :

BNA_F

ClientSampleId :

GW-07-6.0-15.0

Tgt Ion: 264 Resp: 96531

Ion Ratio Lower Upper

264 100

260 23.8 18.5 27.7

265 21.7 17.3 25.9

