

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089238.D
 Acq On : 23 Jul 2016 15:34
 Operator : UM/SJ
 Sample : H4120-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-09-6.0-15.0

Quant Time: Jul 25 01:09:28 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

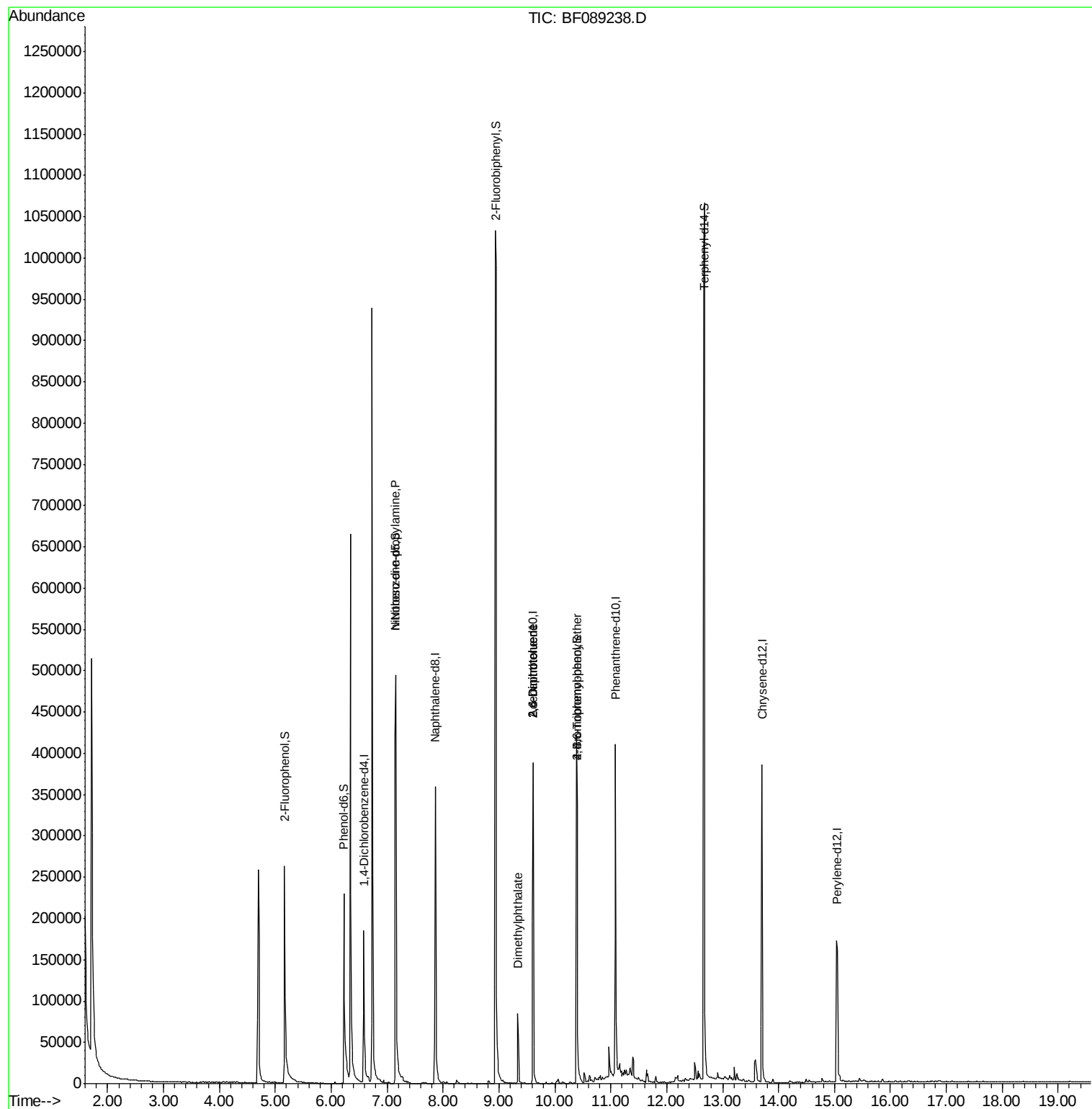
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46118	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	208183	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	98839	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	194264	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	141317	20.00	ng	-0.02
86) Perylene-d12	15.05	264	100740	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	127857	42.16	ng	-0.02
7) Phenol-d6	6.23	99	138862	35.51	ng	-0.05
23) Nitrobenzene-d5	7.15	82	300126	76.60	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	66525	74.76	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	564761	78.73	ng	-0.02
78) Terphenyl-d14	12.67	244	512831	78.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	39691	15.52	ng	# 77
49) Dimethylphthalate	9.34	163	52503	6.92	ng	98
50) 2,6-Dinitrotoluene	9.61	165	12197	7.12	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	12197	5.53	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	4709	2.45	ng	# 1

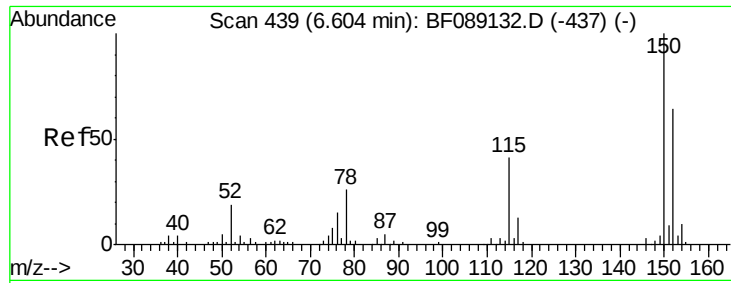
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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BNA_F
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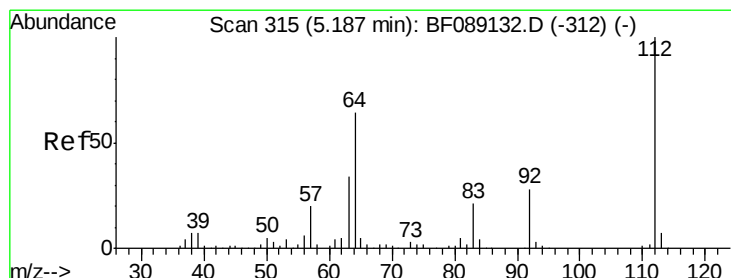
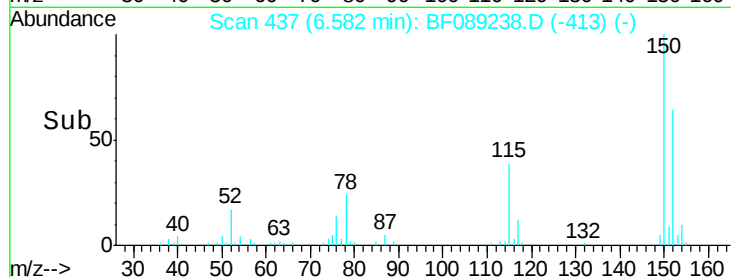
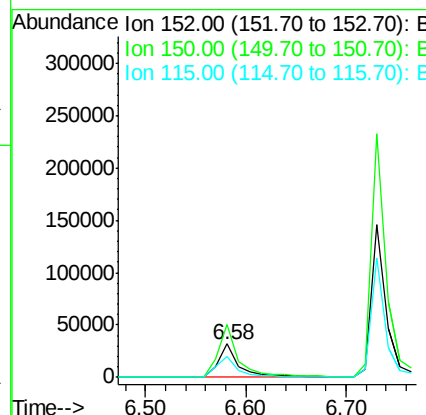
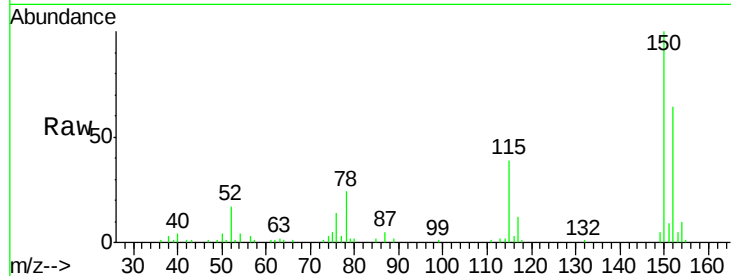




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089238.D
 Acq: 23 Jul 2016 15:34

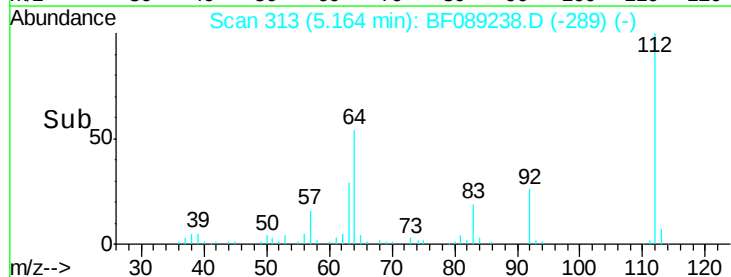
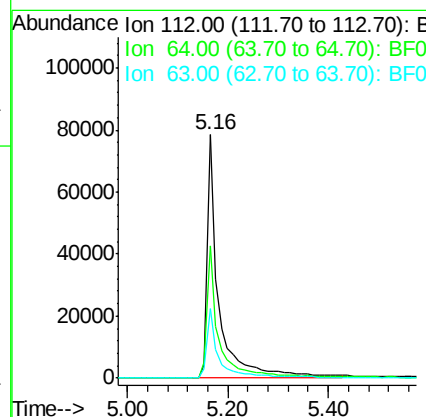
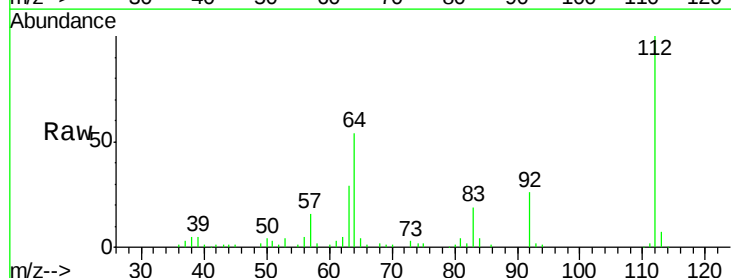
Instrument :
 BNA_F
 ClientSampleId :
 GW-09-6.0-15.0

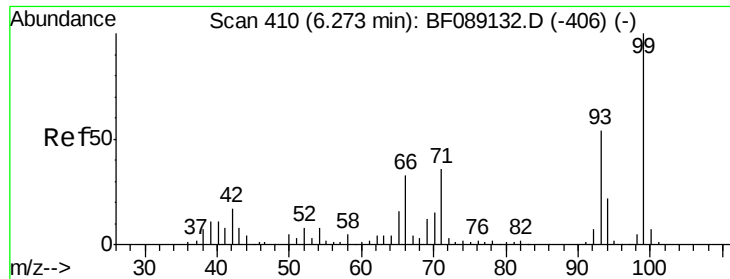
Tgt Ion:152 Resp: 46118
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.1 187.7
 115 61.0 51.1 76.7



#5
 2-Fluorophenol
 Concen: 42.16 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089238.D
 Acq: 23 Jul 2016 15:34

Tgt Ion:112 Resp: 127857
 Ion Ratio Lower Upper
 112 100
 64 54.3 51.0 76.4
 63 28.7 27.3 40.9





#7

Phenol-d6

Concen: 35.51 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089238.D

Acq: 23 Jul 2016 15:34

Instrument :

BNA_F

ClientSampleId :

GW-09-6.0-15.0

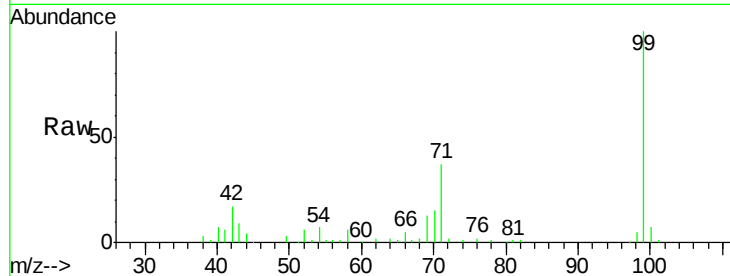
Tgt Ion: 99 Resp: 138862

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

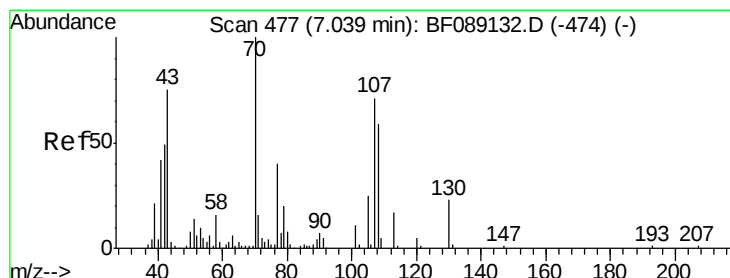
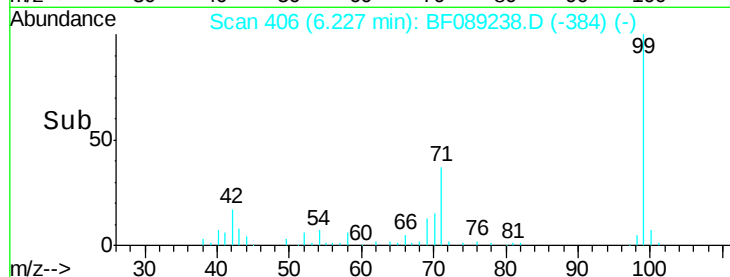
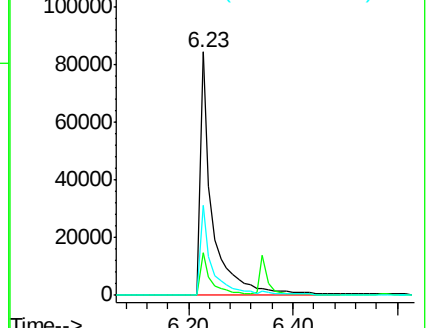
71 37.2 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.52 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089238.D

Acq: 23 Jul 2016 15:34

Tgt Ion: 70 Resp: 39691

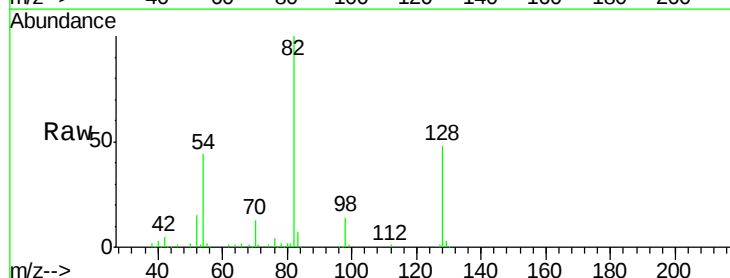
Ion Ratio Lower Upper

70 100

42 40.2 39.2 58.8

101 0.0 8.5 12.7#

130 2.3 18.4 27.6#

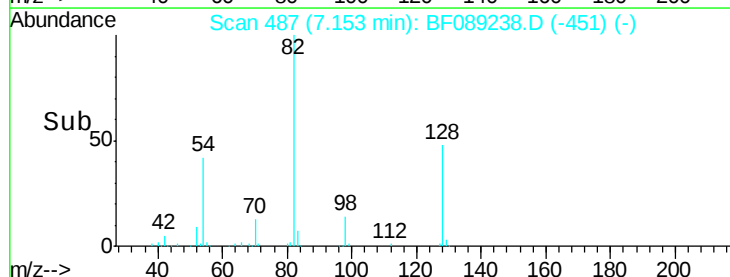
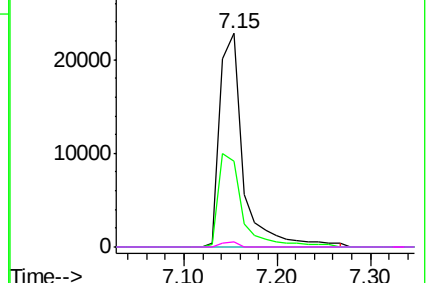


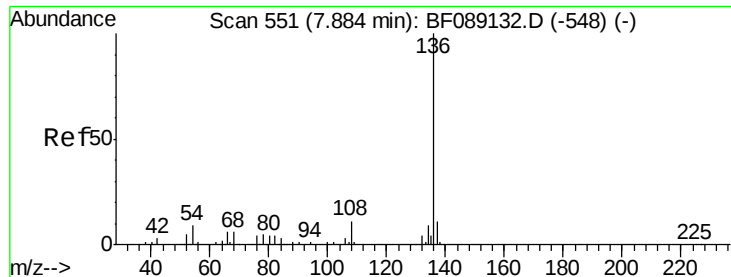
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089238.D

Acq: 23 Jul 2016 15:34

Instrument :

BNA_F

ClientSampleId :

GW-09-6.0-15.0

Tgt Ion:136 Resp: 208183

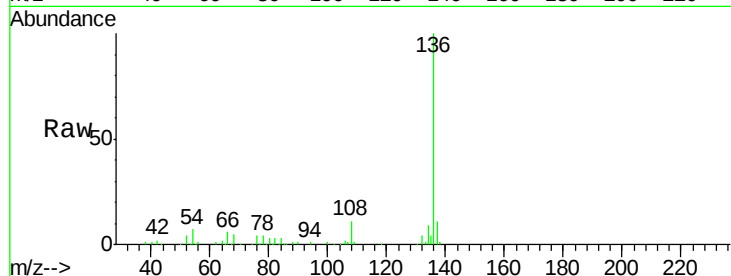
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.2 7.0 10.4

68 5.5 5.0 7.6

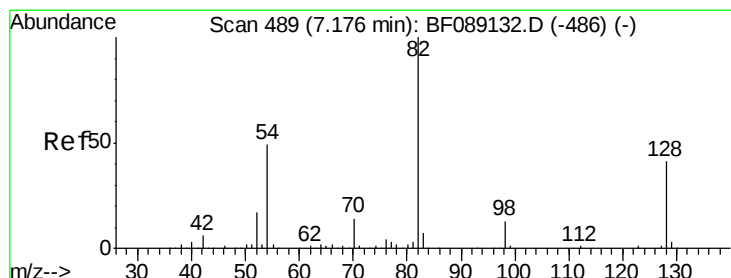
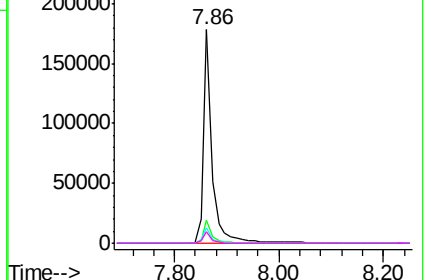
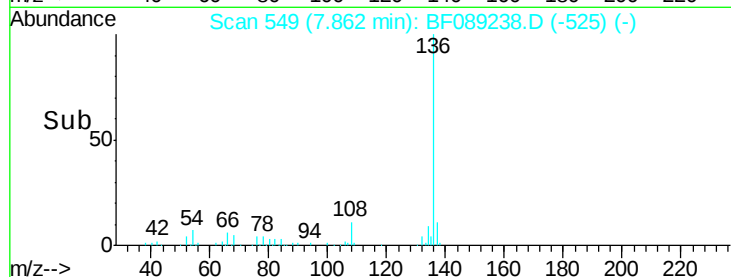


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 76.60 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089238.D

Acq: 23 Jul 2016 15:34

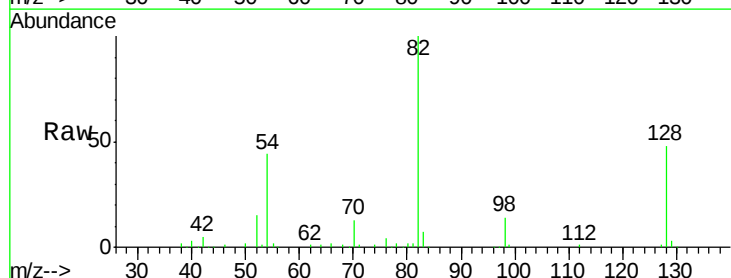
Tgt Ion: 82 Resp: 300126

Ion Ratio Lower Upper

82 100

128 48.3 33.0 49.6

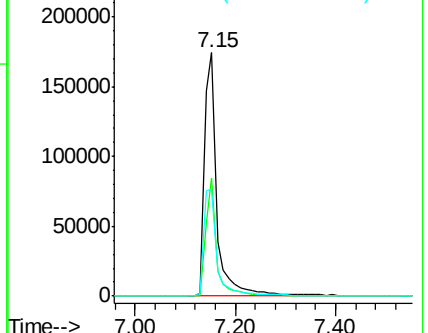
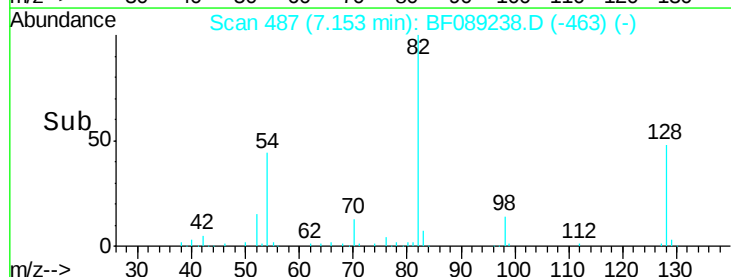
54 43.8 39.0 58.4

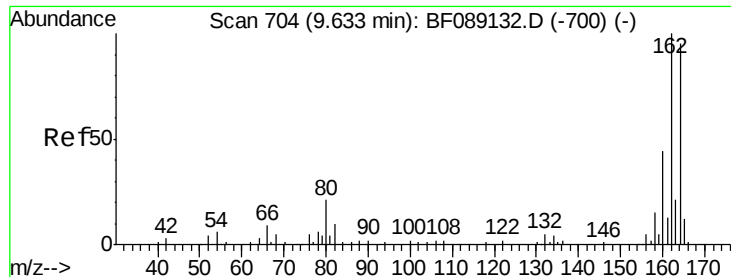


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089238.D

Acq: 23 Jul 2016 15:34

Instrument :

BNA_F

ClientSampleId :

GW-09-6.0-15.0

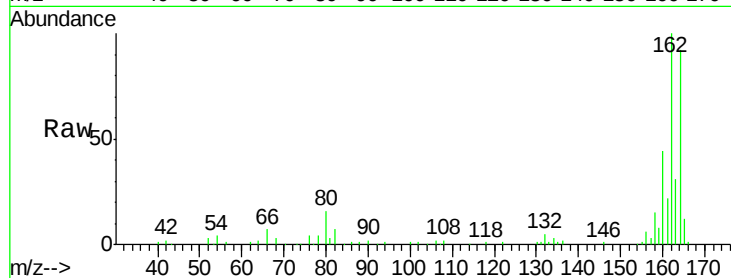
Tgt Ion:164 Resp: 98839

Ion Ratio Lower Upper

164 100

162 108.2 84.1 126.1

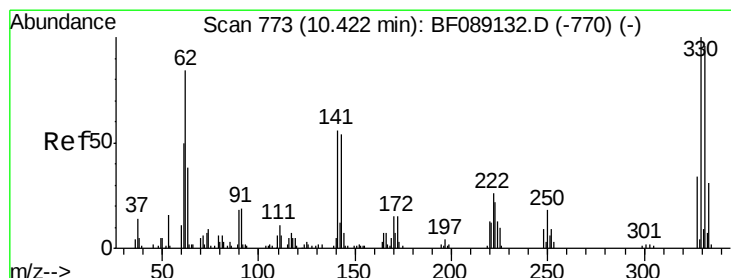
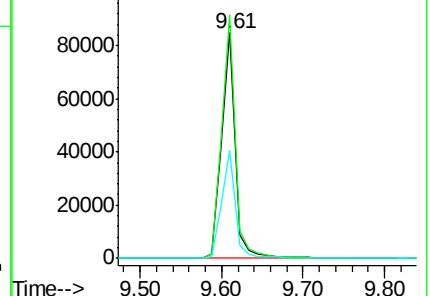
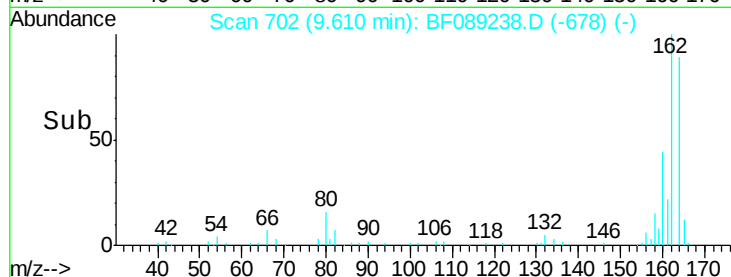
160 48.1 37.1 55.7



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: 74.76 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089238.D

Acq: 23 Jul 2016 15:34

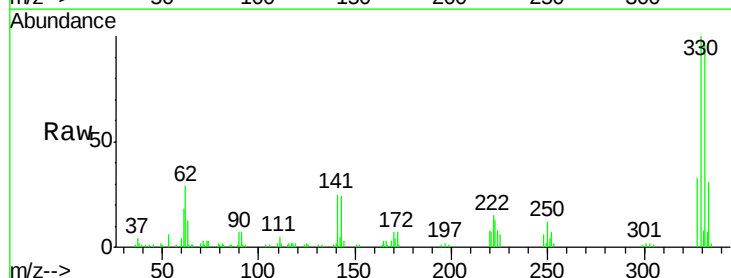
Tgt Ion:330 Resp: 66525

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

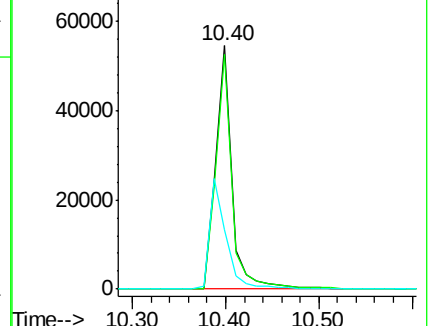
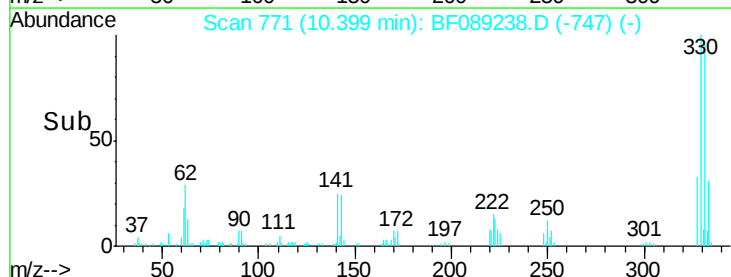
141 46.6 42.2 63.2

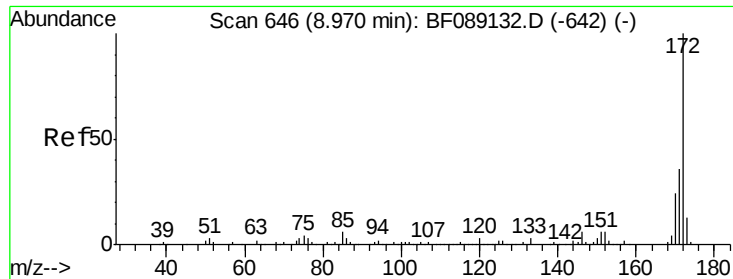


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

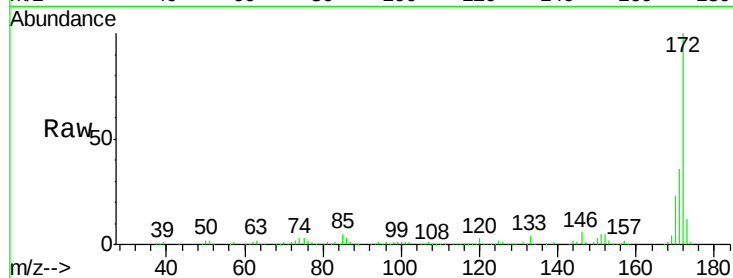




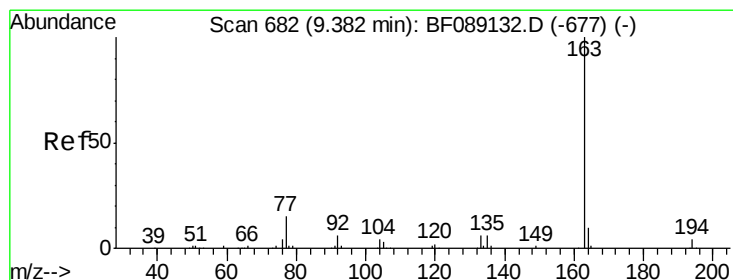
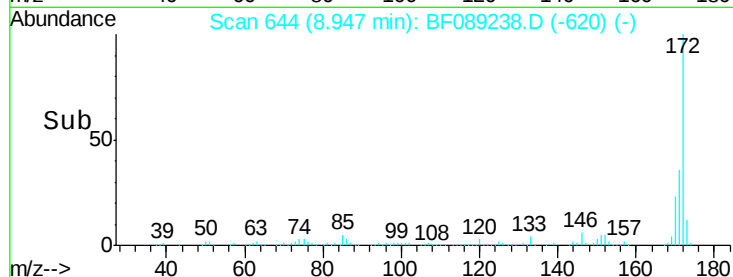
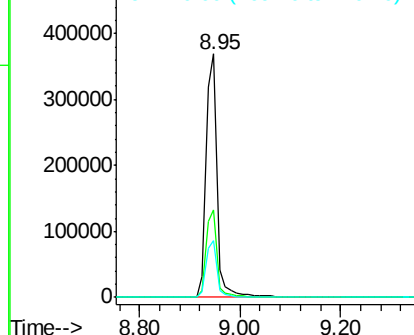
#44
2-Fluorobiphenyl
Concen: 78.73 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089238.D
Acq: 23 Jul 2016 15:34

Instrument :
BNA_F
ClientSampleId :
GW-09-6.0-15.0

Tgt Ion:172 Resp: 564761
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.3 19.1 28.7

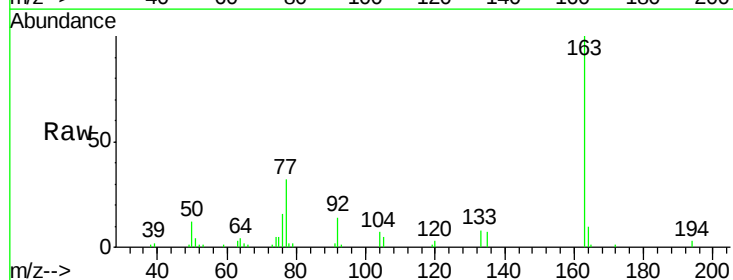


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

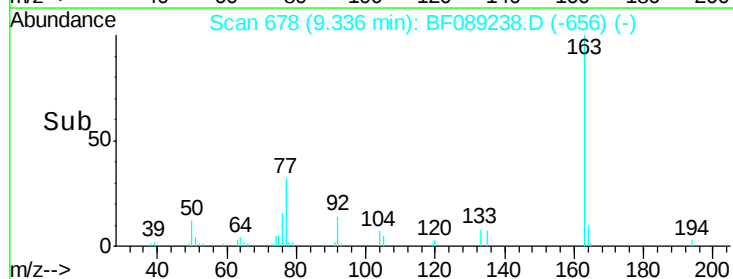
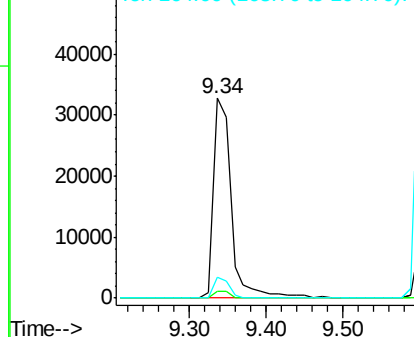


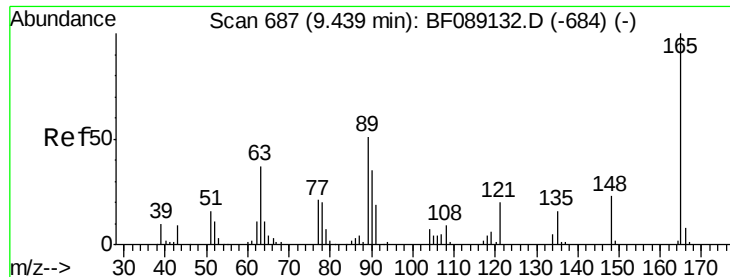
#49
Dimethylphthalate
Concen: 6.92 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF089238.D
Acq: 23 Jul 2016 15:34

Tgt Ion:163 Resp: 52503
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.4 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

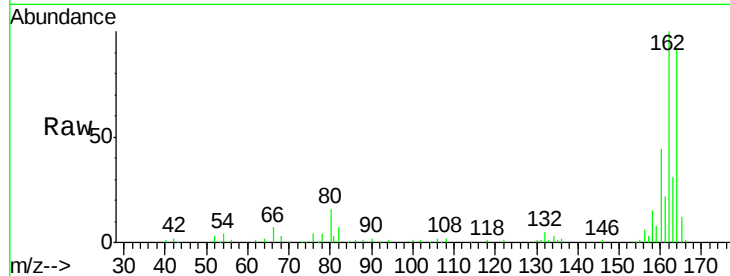




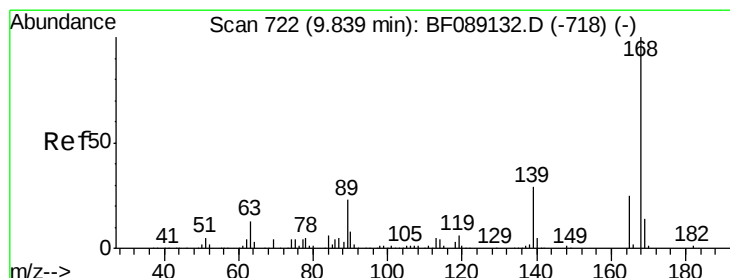
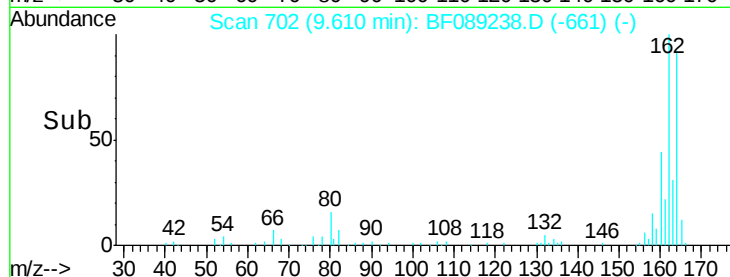
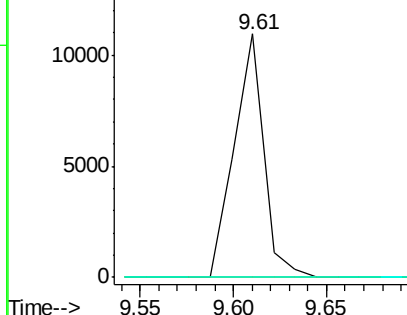
#50
 2,6-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF089238.D
 Acq: 23 Jul 2016 15:34

Instrument :
 BNA_F
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 GW-09-6.0-15.0

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



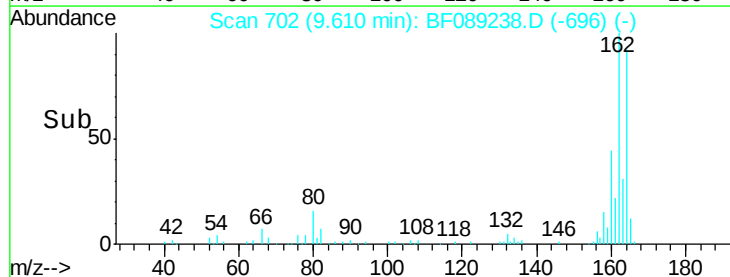
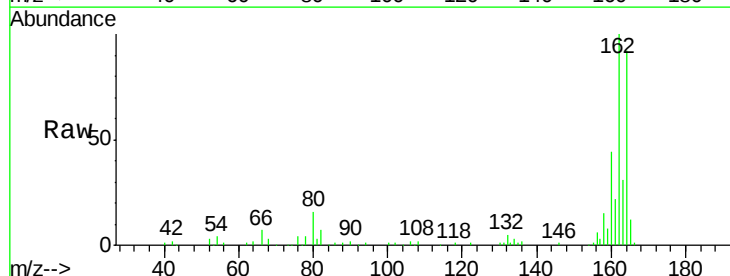
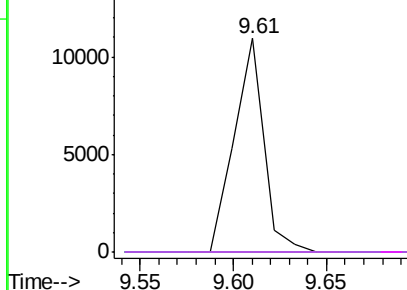
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

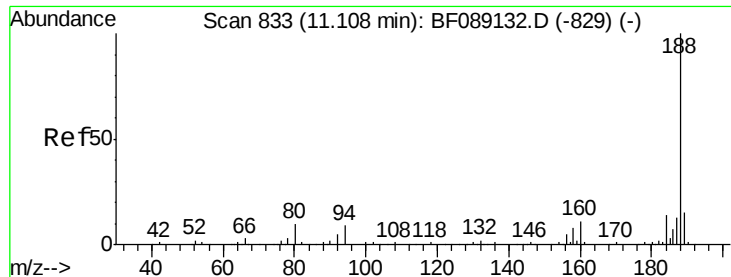


#56
 2,4-Dinitrotoluene
 Concen: 5.53 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089238.D
 Acq: 23 Jul 2016 15:34

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

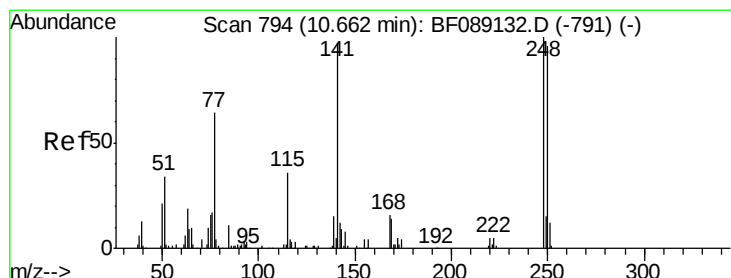
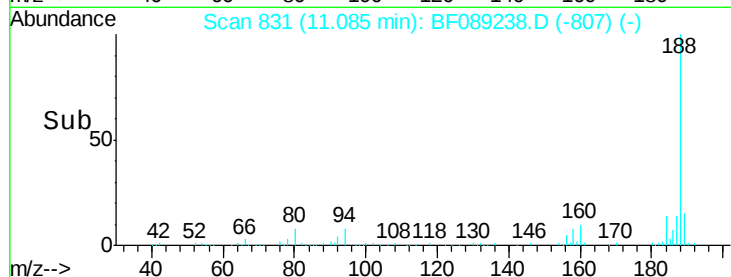
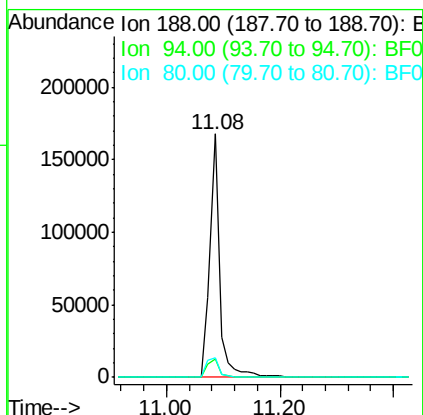
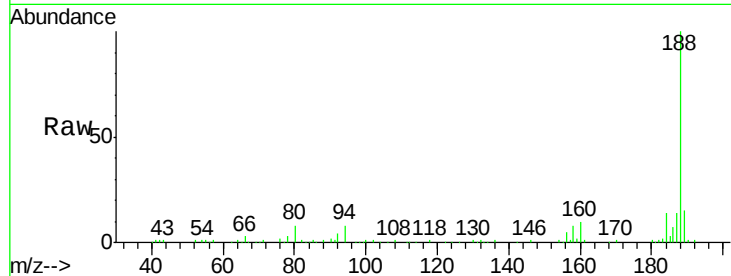




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089238.D
Acq: 23 Jul 2016 15:34

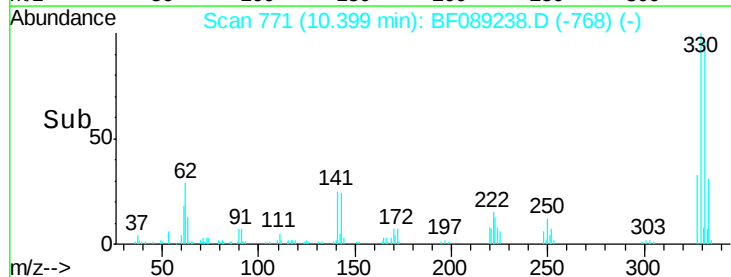
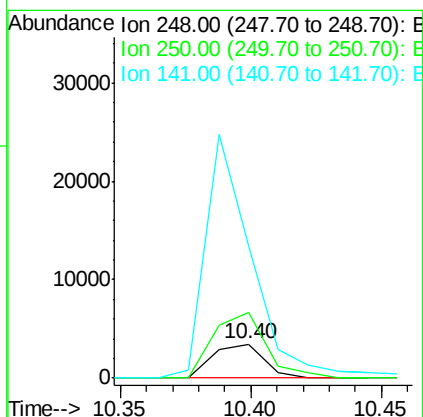
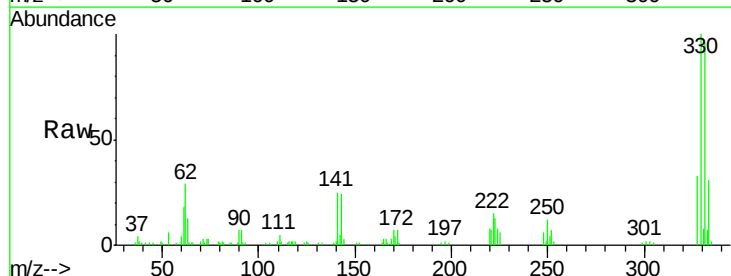
Instrument :
BNA_F
ClientSampleId :
GW-09-6.0-15.0

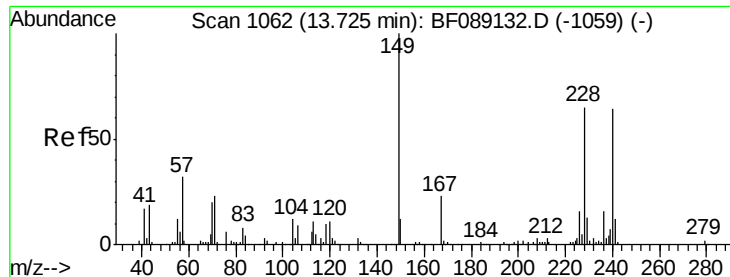
Tgt Ion:188 Resp: 194264
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.3 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 2.45 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089238.D
Acq: 23 Jul 2016 15:34

Tgt Ion:248 Resp: 4709
Ion Ratio Lower Upper
248 100
250 195.2 76.9 115.3#
141 390.0 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: BF089238.D

Acq: 23 Jul 2016 15:34

Instrument :

BNA_F

ClientSampleId :

GW-09-6.0-15.0

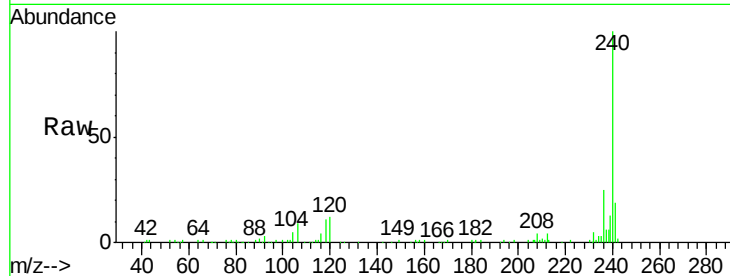
Tgt Ion:240 Resp: 141317

Ion Ratio Lower Upper

240 100

120 11.7 13.6 20.4#

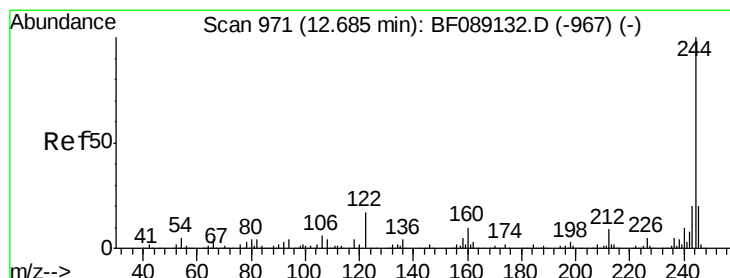
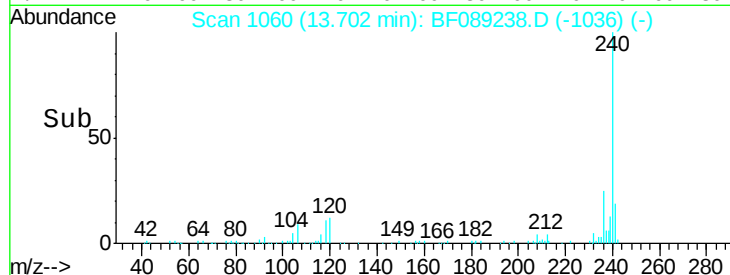
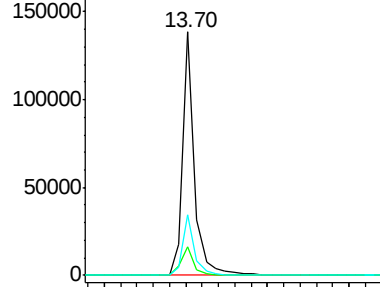
236 25.1 20.5 30.7



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: 78.71 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089238.D

Acq: 23 Jul 2016 15:34

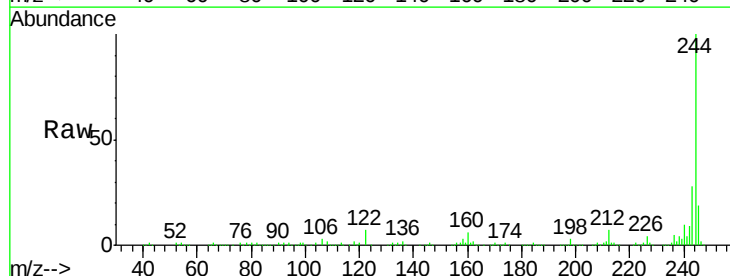
Tgt Ion:244 Resp: 512831

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

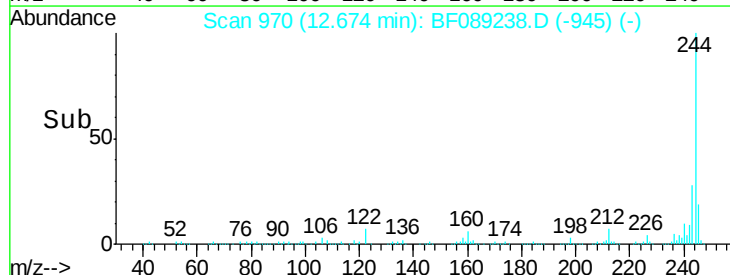
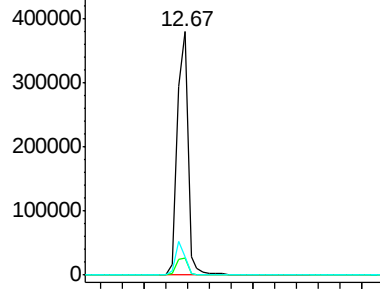
122 7.4 13.8 20.8#

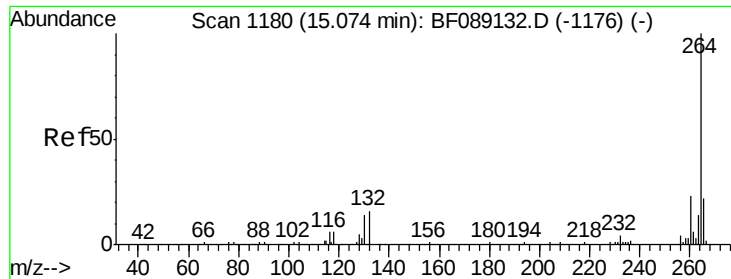


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089238.D
Acq: 23 Jul 2016 15:34

Instrument :
BNA_F
ClientSampleId :
GW-09-6.0-15.0

Tgt Ion: 264 Resp: 100740
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 20.4 17.3 25.9

