

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089237.D
 Acq On : 23 Jul 2016 15:03
 Operator : UM/SJ
 Sample : H4120-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-08-6.0-15.0

Quant Time: Jul 25 01:09:15 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

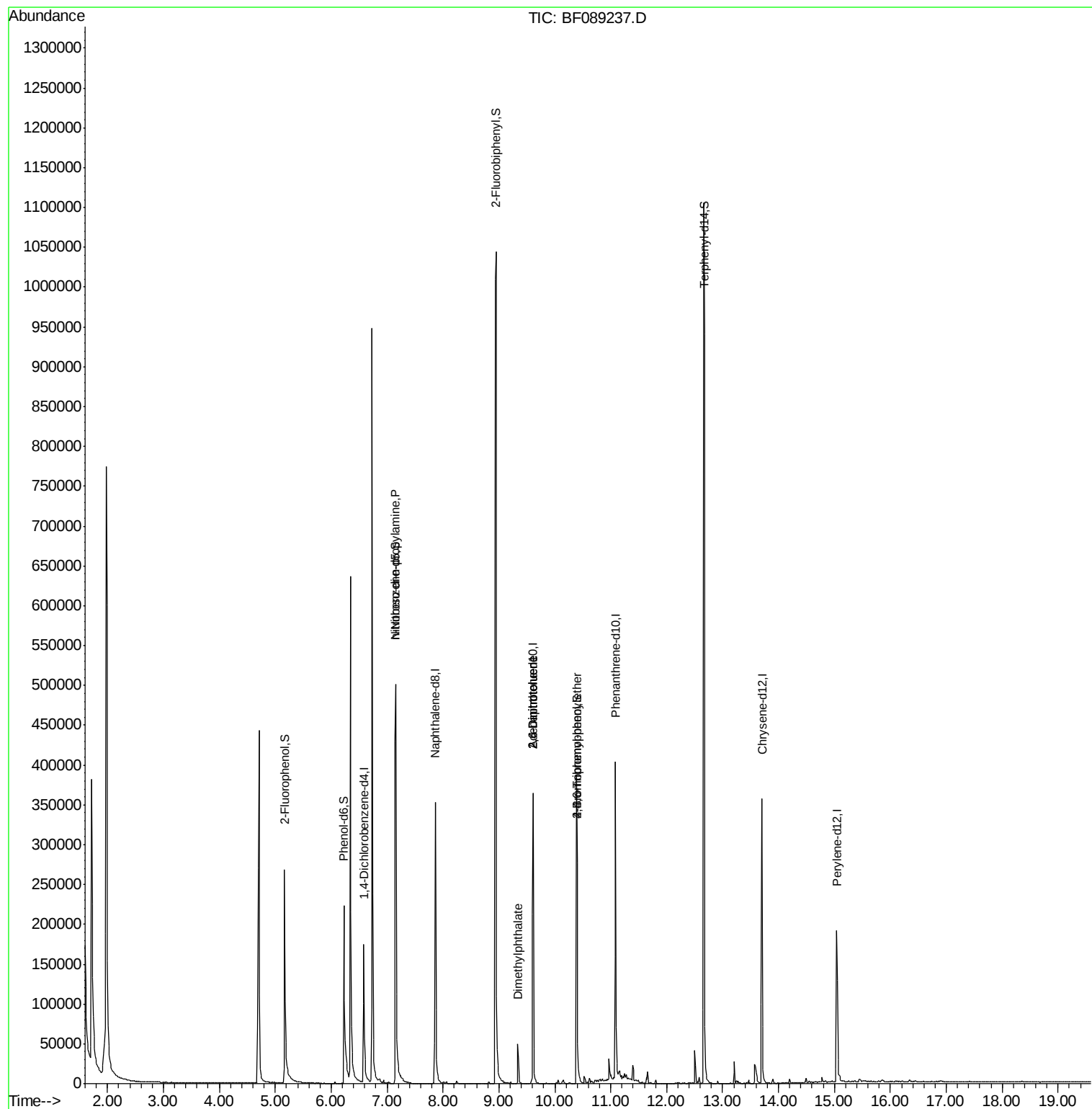
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45438	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	205611	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	97770	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	188560	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	138688	20.00	ng	-0.02
86) Perylene-d12	15.04	264	99053	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	127976	42.84	ng	-0.02
7) Phenol-d6	6.23	99	139088	36.10	ng	-0.05
23) Nitrobenzene-d5	7.15	82	306827	79.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	56455	64.13	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	575616	81.12	ng	-0.02
78) Terphenyl-d14	12.67	244	504327	78.87	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	40486	16.07	ng	# 79
49) Dimethylphthalate	9.34	163	32047	4.27	ng	# 97
50) 2,6-Dinitrotoluene	9.61	165	12234	7.22	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	12234	5.61	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	4284	2.30	ng	# 1

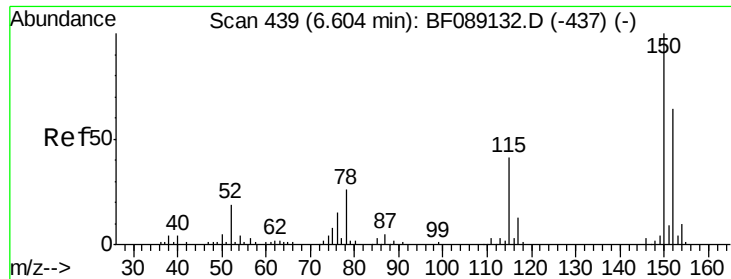
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 20 19:03:15 2016
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: BF089237.D

Acq: 23 Jul 2016 15:03

Instrument :

BNA_F

ClientSampleId :

GW-08-6.0-15.0

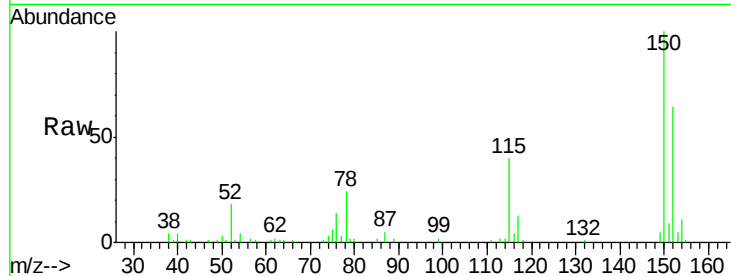
Tgt Ion:152 Resp: 45438

Ion Ratio Lower Upper

152 100

150 156.6 125.1 187.7

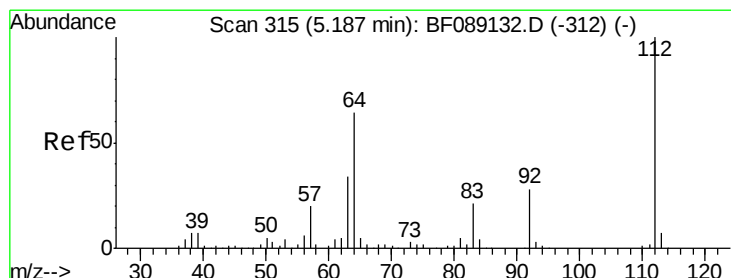
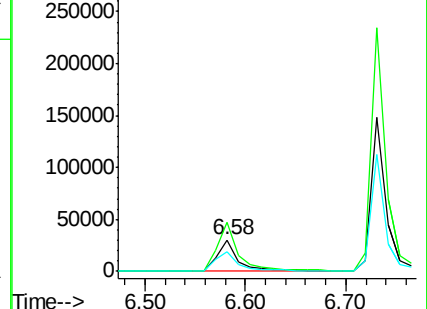
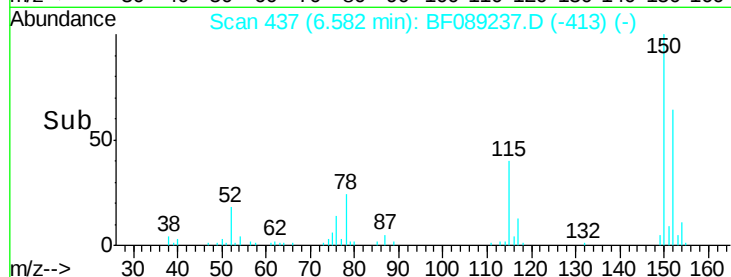
115 62.7 51.1 76.7



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: 42.84 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF089237.D

Acq: 23 Jul 2016 15:03

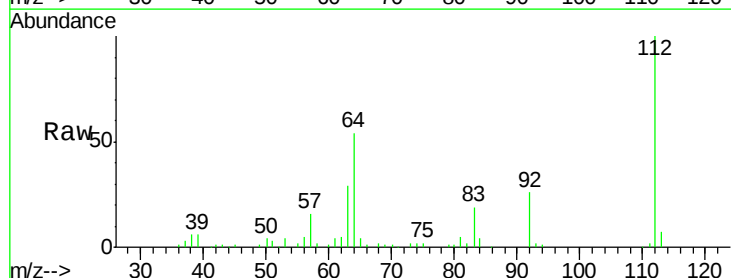
Tgt Ion:112 Resp: 127976

Ion Ratio Lower Upper

112 100

64 54.1 51.0 76.4

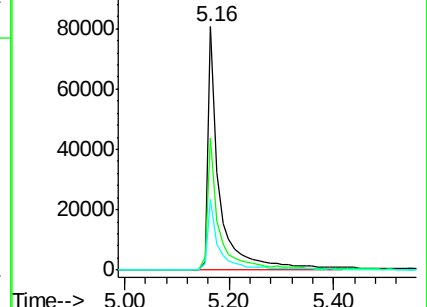
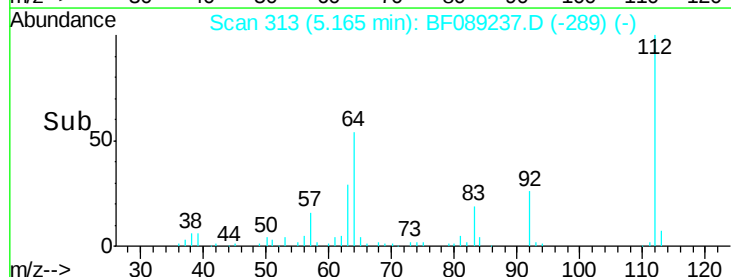
63 29.3 27.3 40.9

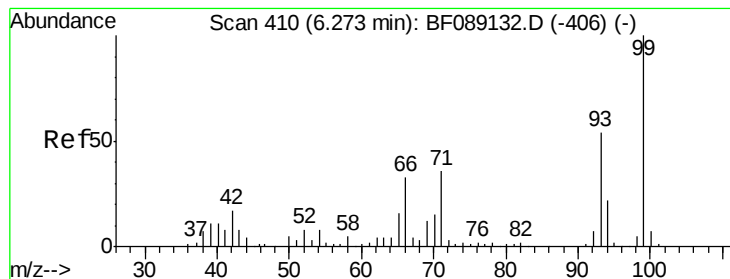


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.10 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089237.D

Acq: 23 Jul 2016 15:03

Instrument :

BNA_F

ClientSampleId :

GW-08-6.0-15.0

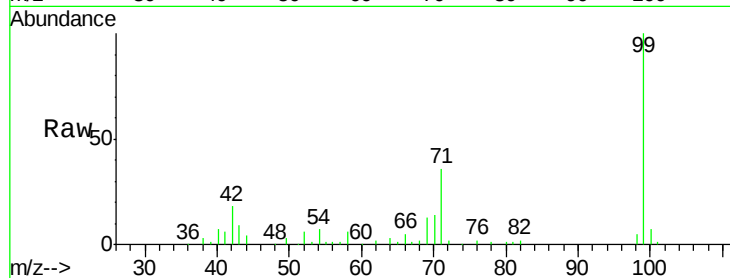
Tgt Ion: 99 Resp: 139088

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

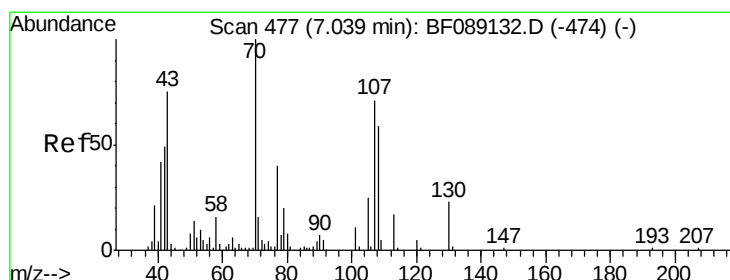
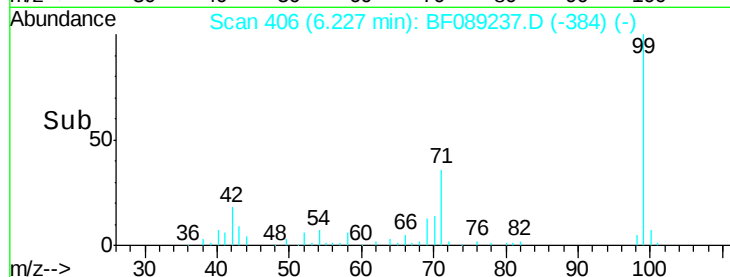
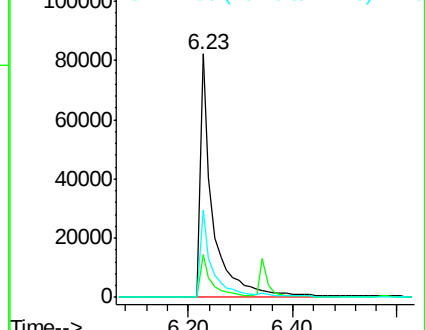
71 36.0 28.9 43.3



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: 16.07 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089237.D

Acq: 23 Jul 2016 15:03

Tgt Ion: 70 Resp: 40486

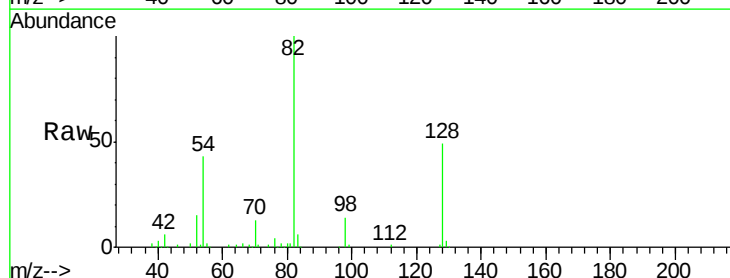
Ion Ratio Lower Upper

70 100

42 42.5 39.2 58.8

101 0.0 8.5 12.7#

130 2.5 18.4 27.6#

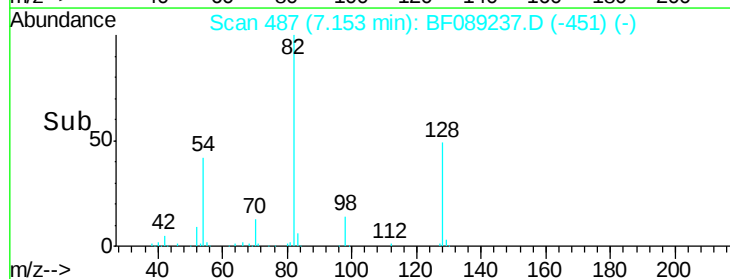
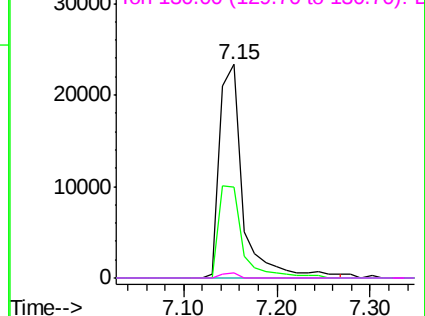


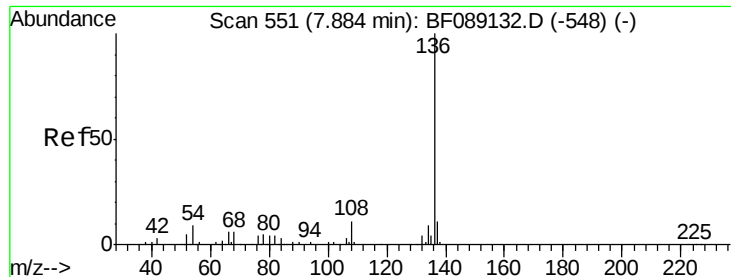
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF089237.D

Acq: 23 Jul 2016 15:03

Instrument :

BNA_F

ClientSampleId :

GW-08-6.0-15.0

Tgt Ion:136 Resp: 205611

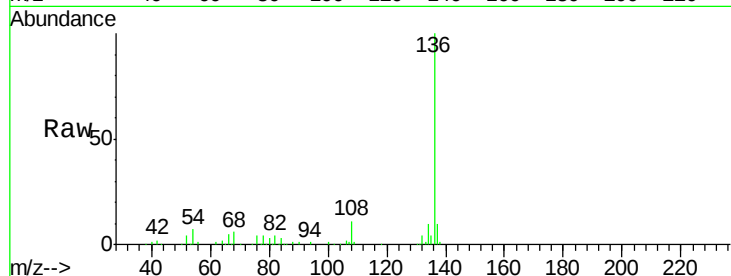
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.8 7.0 10.4#

68 5.6 5.0 7.6

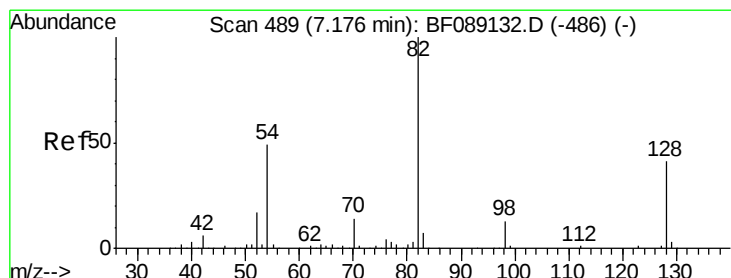
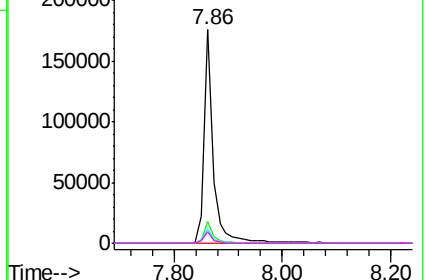
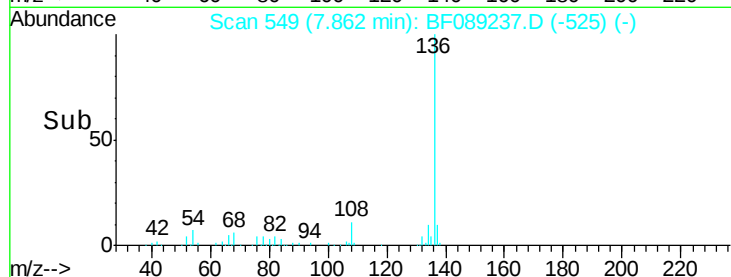


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.29 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089237.D

Acq: 23 Jul 2016 15:03

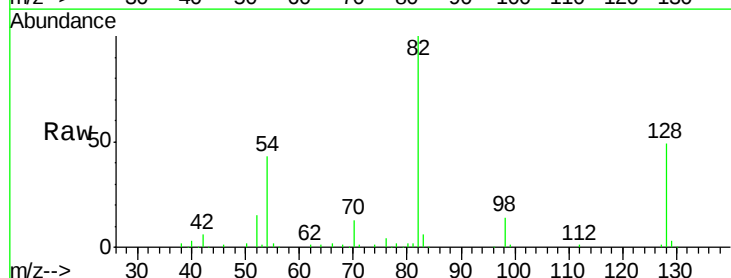
Tgt Ion: 82 Resp: 306827

Ion Ratio Lower Upper

82 100

128 49.1 33.0 49.6

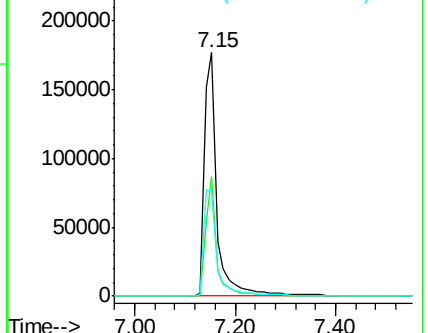
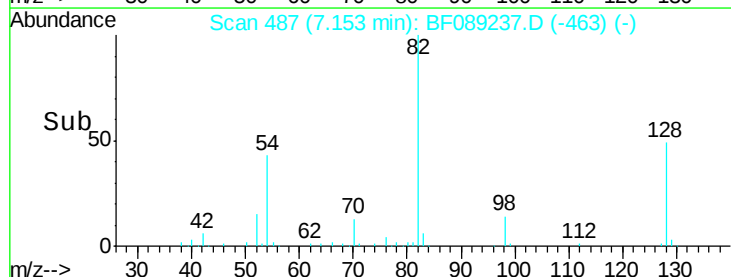
54 43.4 39.0 58.4

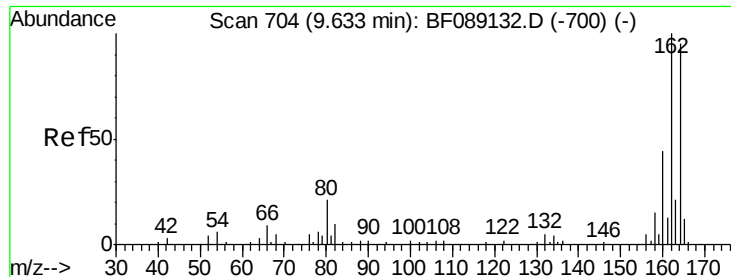


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

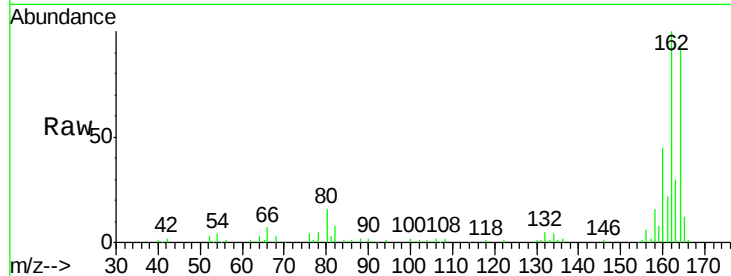




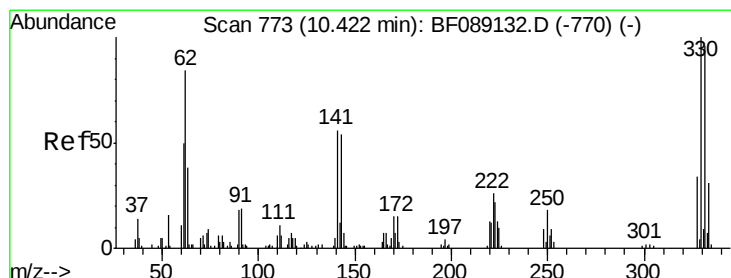
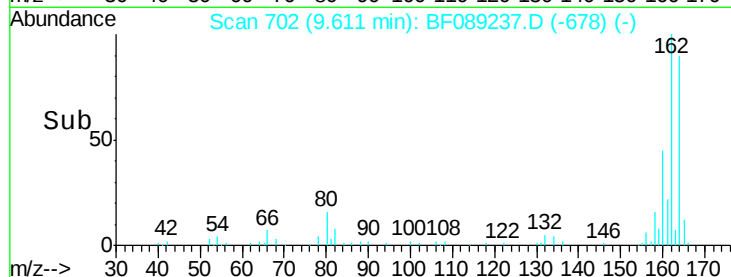
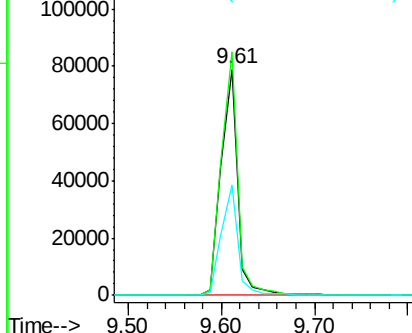
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089237.D
Acq: 23 Jul 2016 15:03

Instrument :
BNA_F
ClientSampleId :
GW-08-6.0-15.0

Tgt Ion:164 Resp: 97770
Ion Ratio Lower Upper
164 100
162 107.7 84.1 126.1
160 48.6 37.1 55.7

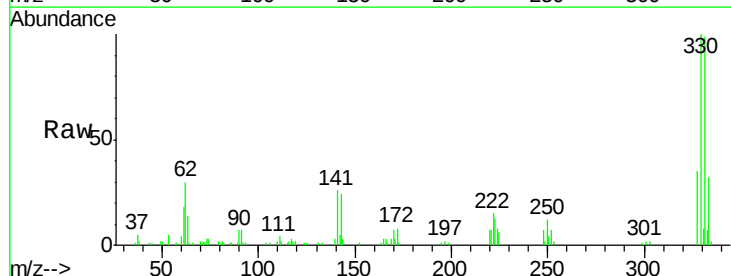


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

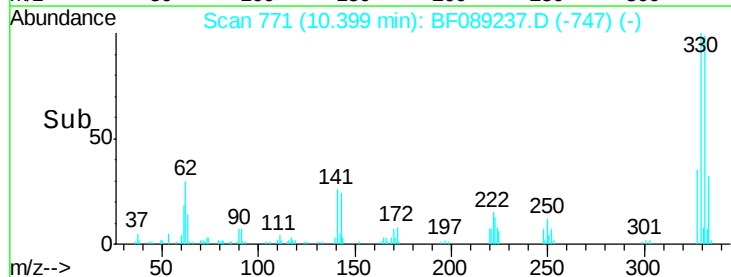
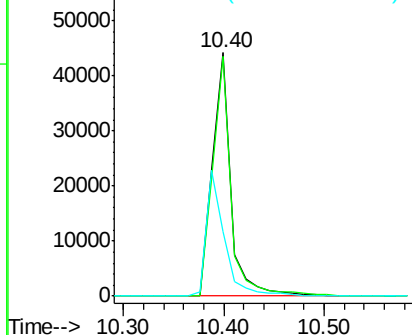


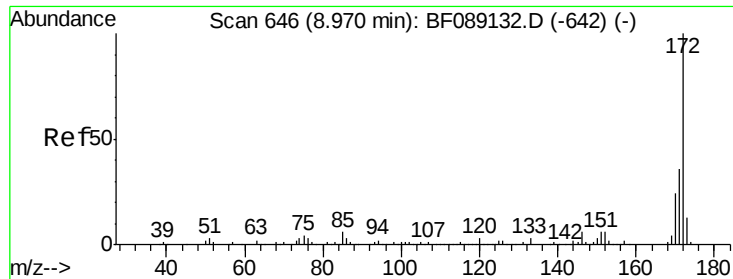
#41
2,4,6-Tribromophenol
Concen: 64.13 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089237.D
Acq: 23 Jul 2016 15:03

Tgt Ion:330 Resp: 56455
Ion Ratio Lower Upper
330 100
332 97.8 77.2 115.8
141 50.1 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

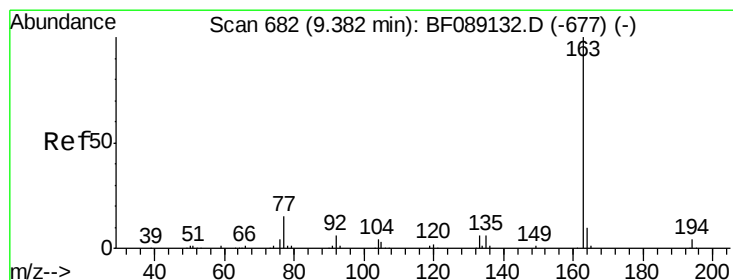
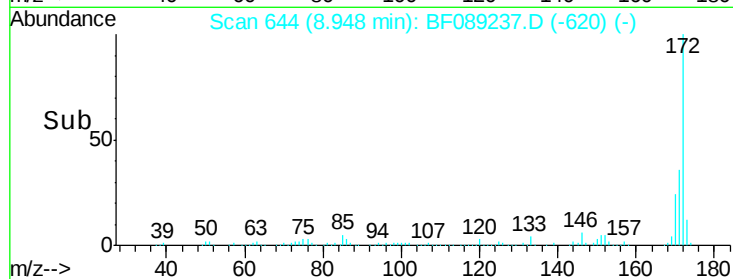
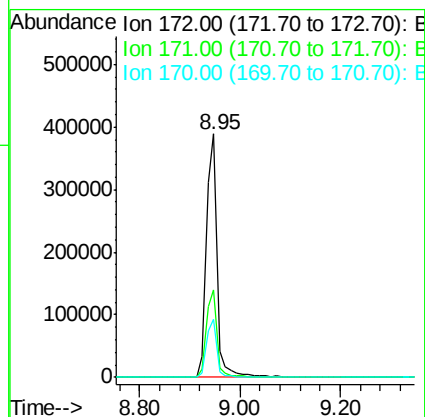
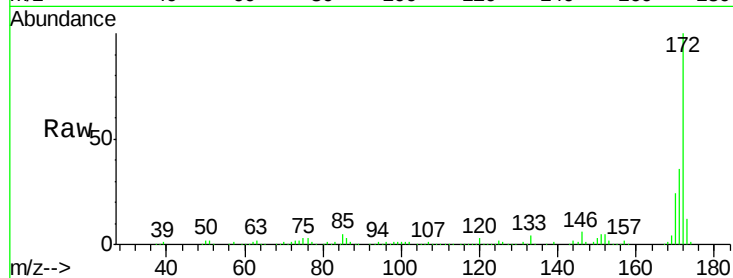




#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089237.D
 Acq: 23 Jul 2016 15:03

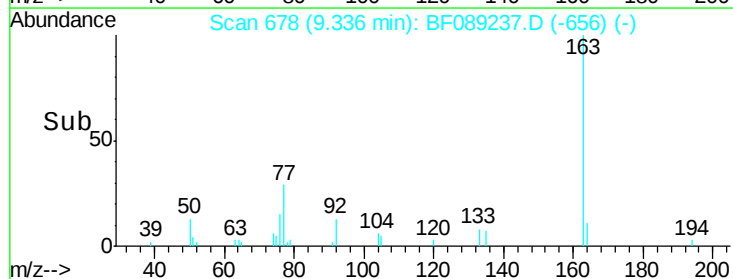
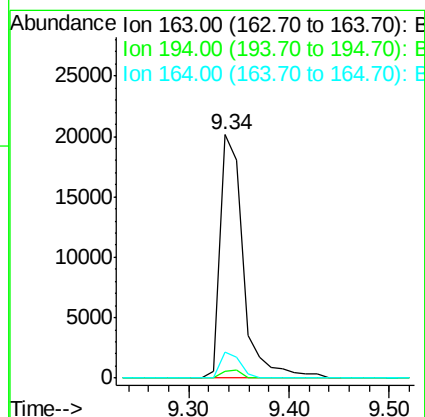
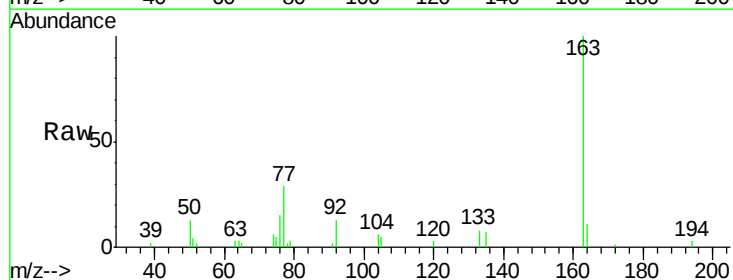
Instrument :
 BNA_F
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 GW-08-6.0-15.0

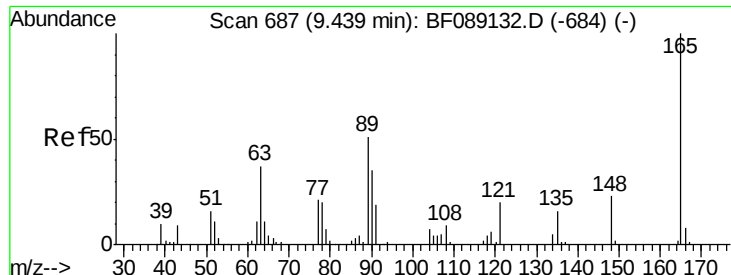
Tgt Ion:172 Resp: 575616
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.6 19.1 28.7



#49
 Dimethylphthalate
 Concen: 4.27 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.05 min
 Lab File: BF089237.D
 Acq: 23 Jul 2016 15:03

Tgt Ion:163 Resp: 32047
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.9 4.3#
 164 10.8 7.6 11.4

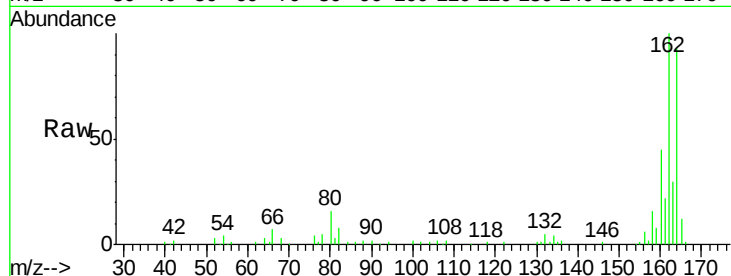




#50
 2,6-Dinitrotoluene
 Concen: 7.22 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF089237.D
 Acq: 23 Jul 2016 15:03

Instrument :
 BNA_F
 ClientSampleId :
 GW-08-6.0-15.0

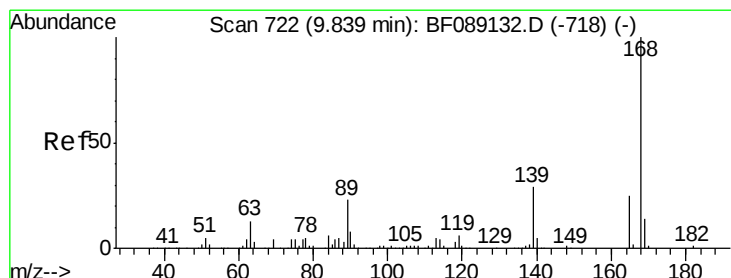
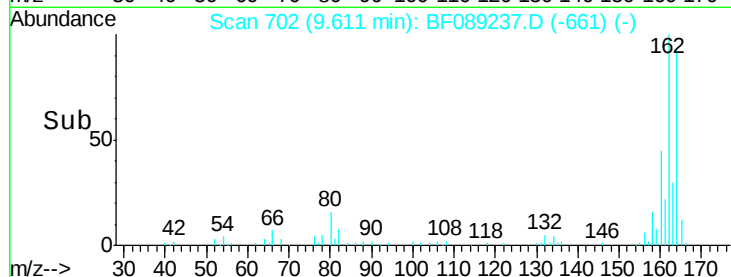
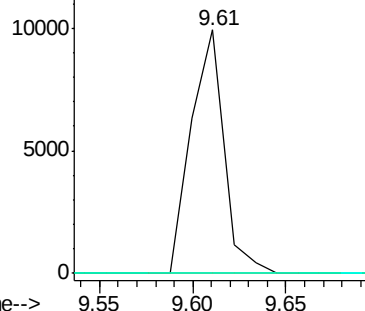
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#



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: 5.61 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089237.D
 Acq: 23 Jul 2016 15:03

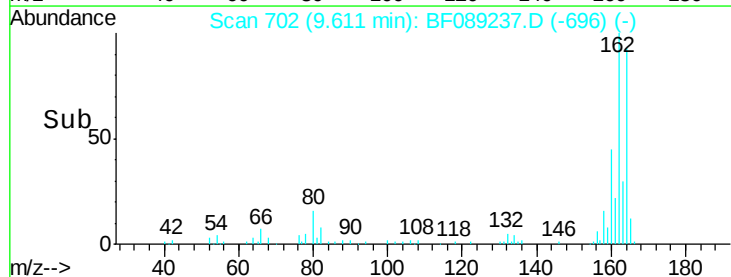
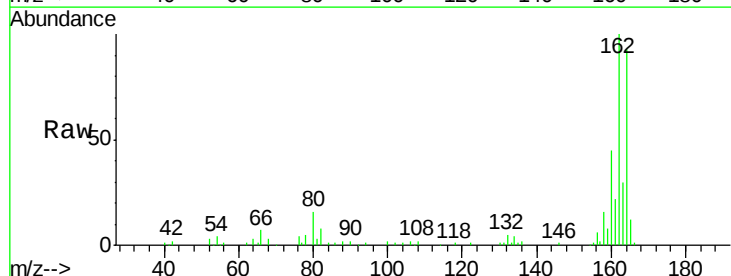
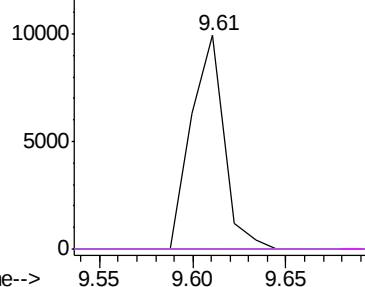
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

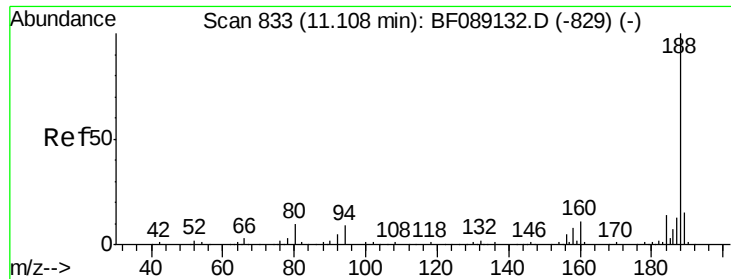
Abundance Ion 165.00 (164.70 to 165.70): E

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

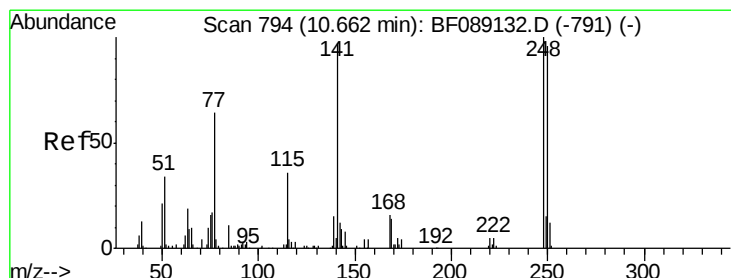
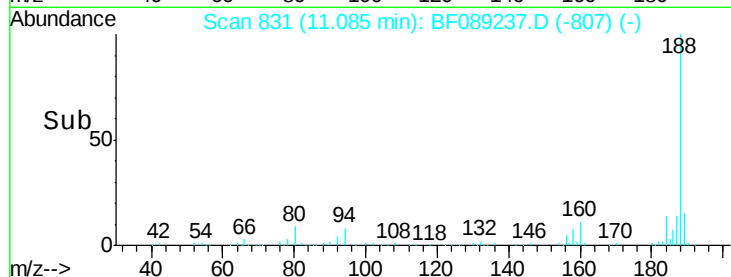
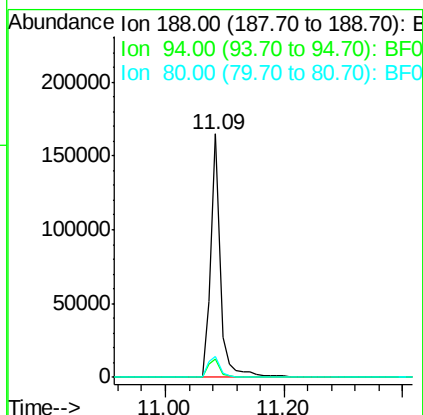
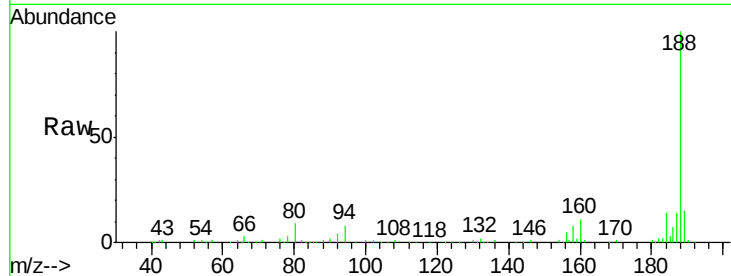




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089237.D
Acq: 23 Jul 2016 15:03

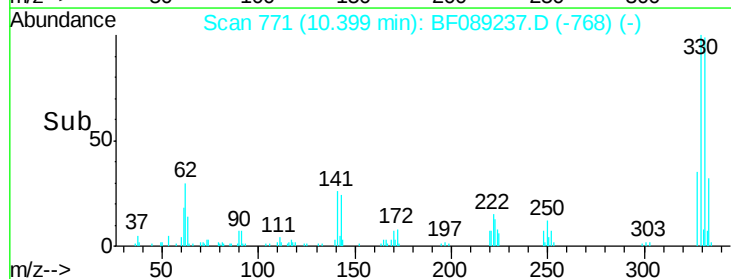
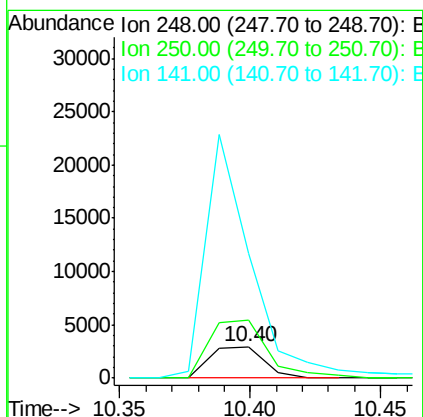
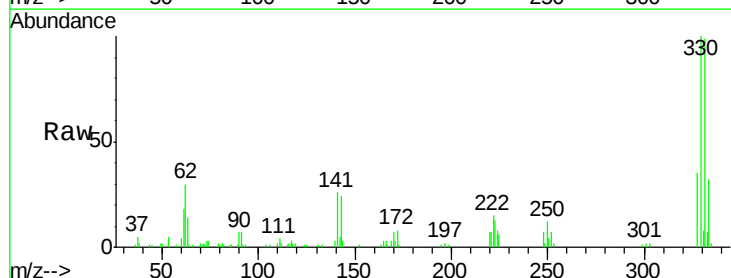
Instrument :
BNA_F
ClientSampleId :
GW-08-6.0-15.0

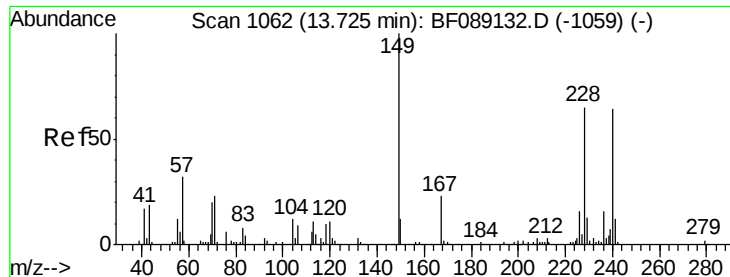
Tgt Ion:188 Resp: 188560
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.4
80 8.8 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 2.30 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF089237.D
Acq: 23 Jul 2016 15:03

Tgt Ion:248 Resp: 4284
Ion Ratio Lower Upper
248 100
250 186.3 76.9 115.3#
141 399.6 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: BF089237.D

Acq: 23 Jul 2016 15:03

Instrument :

BNA_F

ClientSampleId :

GW-08-6.0-15.0

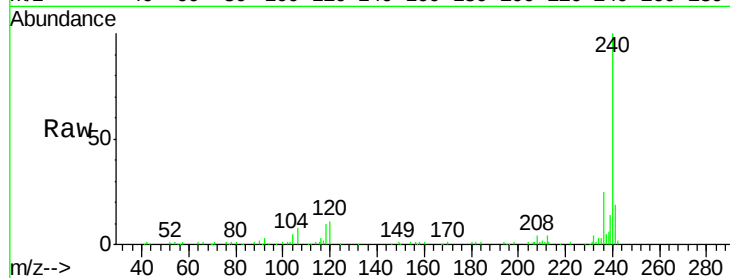
Tgt Ion:240 Resp: 138688

Ion Ratio Lower Upper

240 100

120 11.1 13.6 20.4#

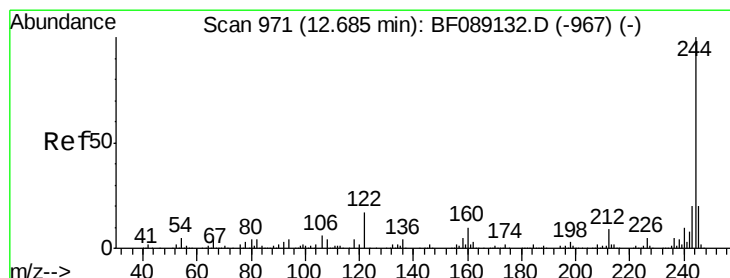
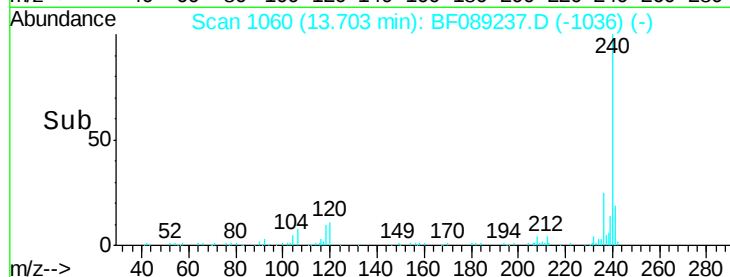
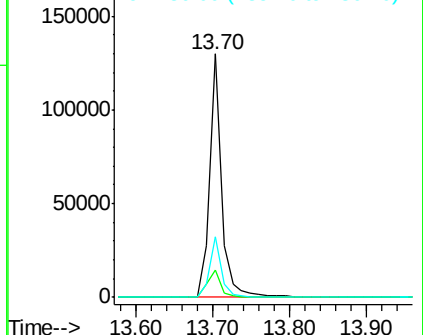
236 25.0 20.5 30.7



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: 78.87 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089237.D

Acq: 23 Jul 2016 15:03

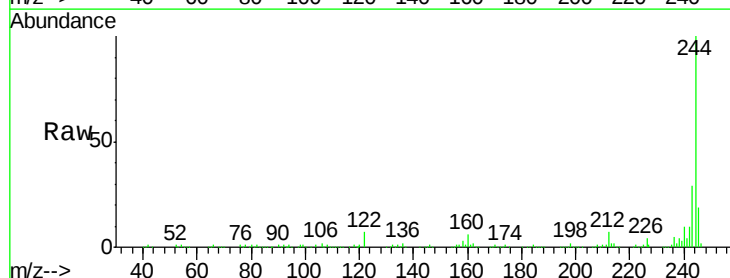
Tgt Ion:244 Resp: 504327

Ion Ratio Lower Upper

244 100

212 7.0 7.0 10.4

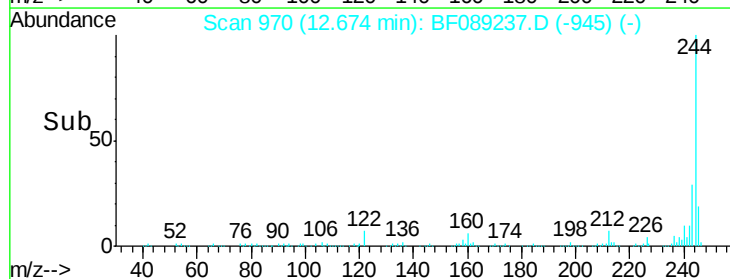
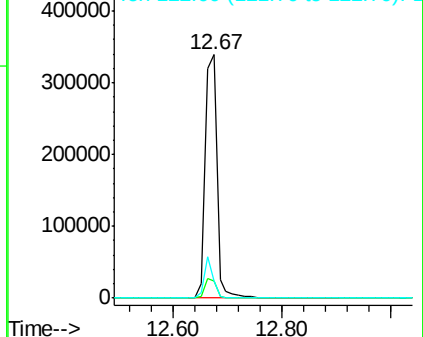
122 7.1 13.8 20.8#

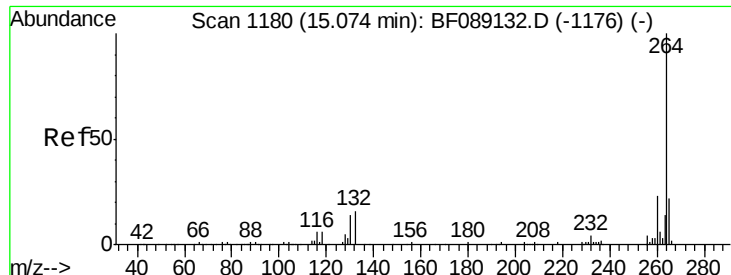


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

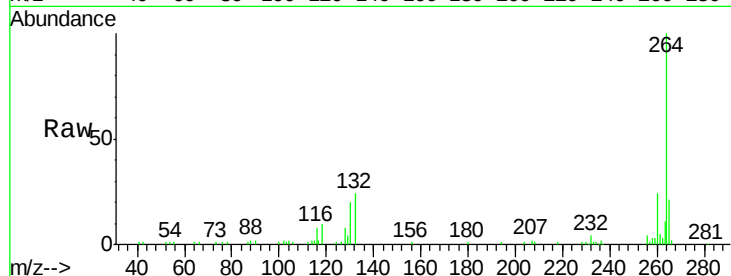




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF089237.D
Acq: 23 Jul 2016 15:03

Instrument :
BNA_F
ClientSampleId :
GW-08-6.0-15.0

Tgt Ion: 264 Resp: 99053
Ion Ratio Lower Upper
264 100
260 24.2 18.5 27.7
265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

