

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089561.D
 Acq On : 2 Aug 2016 22:10
 Operator : UM/SJ
 Sample : H4269-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Quant Time: Aug 03 01:08:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

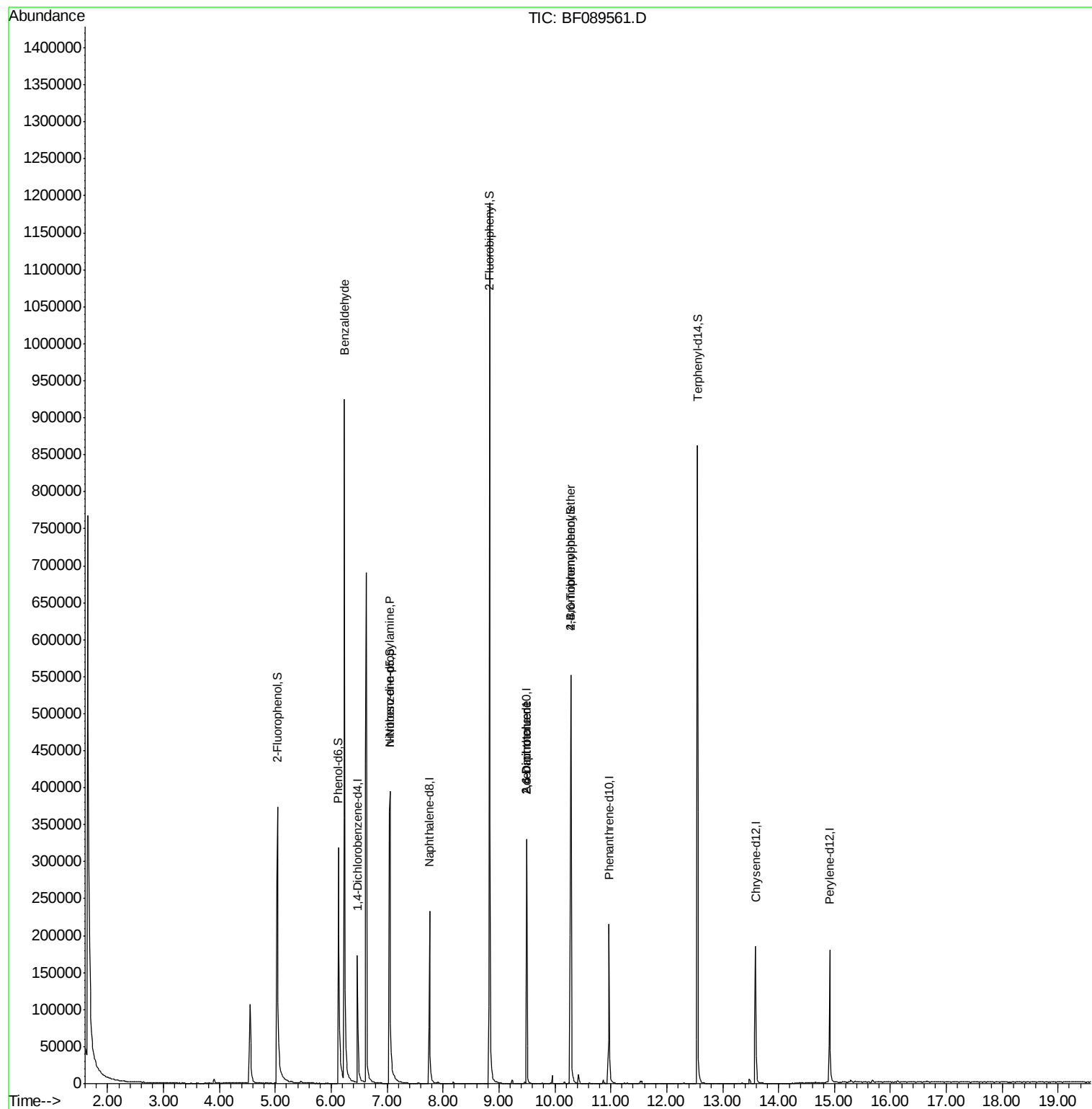
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	38443	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	142402	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	63584	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	100678	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	81175	20.00	ng	-0.08
86) Perylene-d12	14.91	264	76945	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	199154	82.72	ng	-0.07
7) Phenol-d6	6.12	99	195399	61.41	ng	-0.08
23) Nitrobenzene-d5	7.05	82	254581	105.52	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	66465	126.21	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	414008	95.56	ng	-0.08
78) Terphenyl-d14	12.55	244	307179	88.57	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.24	77	7060	4.54	ng	# 81
19) n-Nitroso-di-n-propylamine	7.05	70	32401	16.89	ng	# 77
50) 2,6-Dinitrotoluene	9.50	165	7570	7.61	ng	# 24
56) 2,4-Dinitrotoluene	9.50	165	7570	5.78	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5016	5.22	ng	# 1

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

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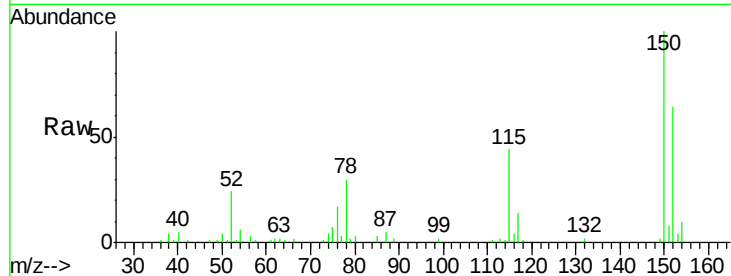




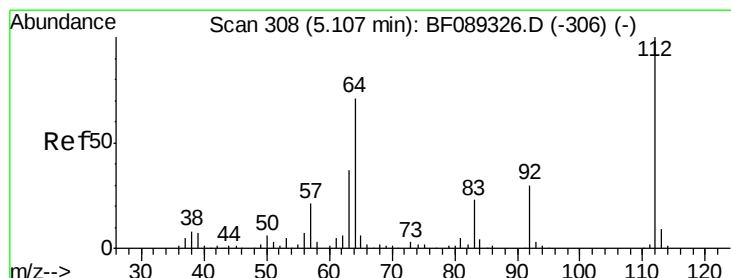
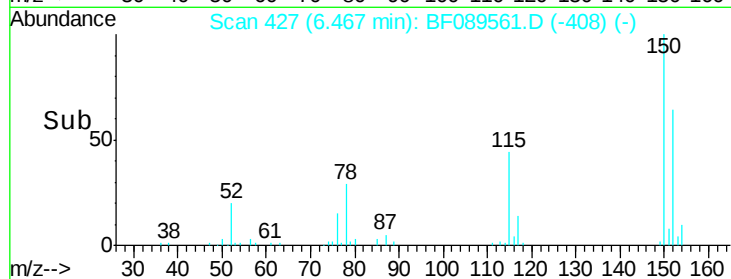
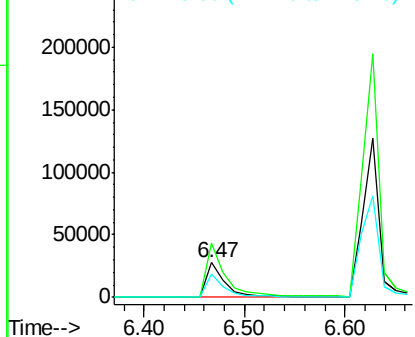
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.47 min Scan# 427
 Delta R.T. -0.08 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tgt Ion:152 Resp: 38443
 Ion Ratio Lower Upper
 152 100
 150 156.8 129.5 194.3
 115 69.3 51.4 77.2

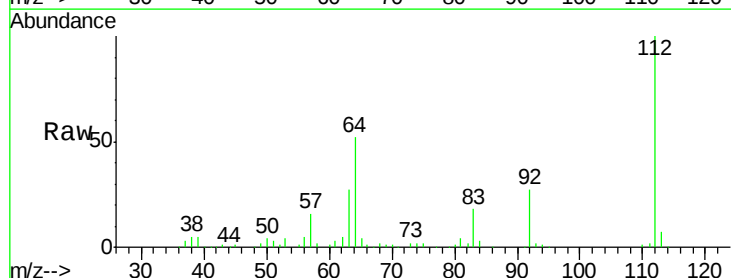


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

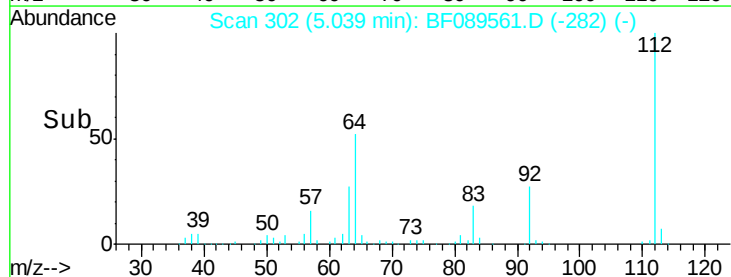
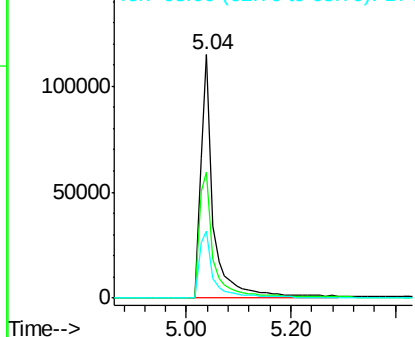


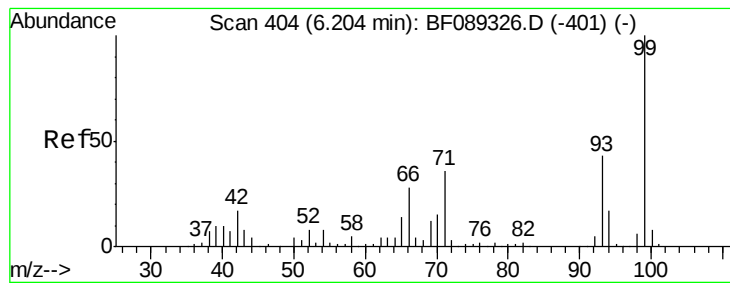
#5
 2-Fluorophenol
 Concen: 82.72 ng
 RT: 5.04 min Scan# 302
 Delta R.T. -0.07 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion:112 Resp: 199154
 Ion Ratio Lower Upper
 112 100
 64 51.9 55.0 82.6#
 63 27.5 29.4 44.2#



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: 61.41 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.08 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-57-13.8-18.5

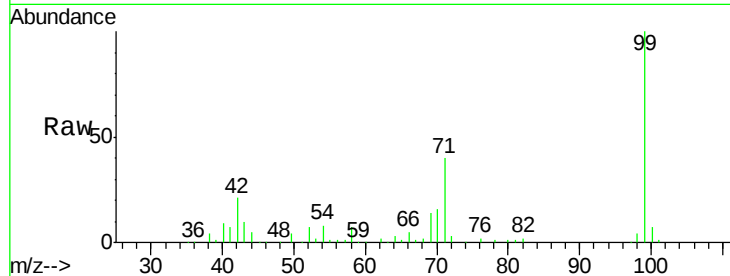
Tgt Ion: 99 Resp: 195399

Ion Ratio Lower Upper

99 100

42 20.7 13.6 20.4#

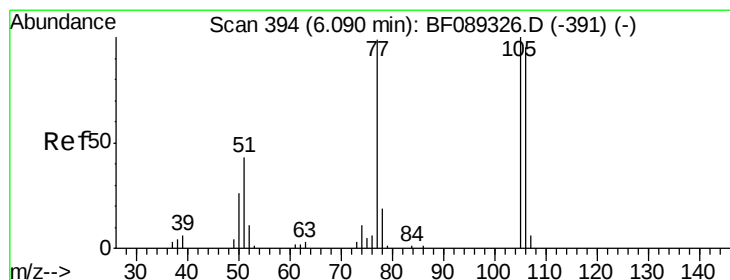
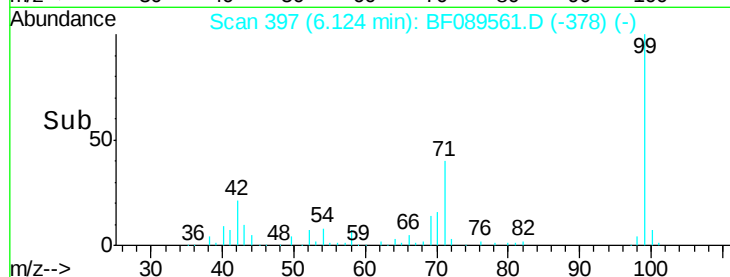
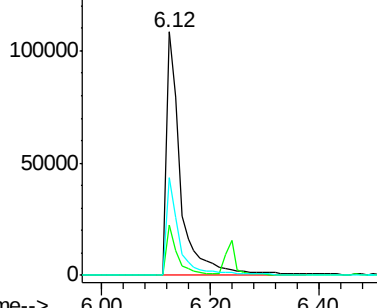
71 40.4 29.4 44.2



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: 4.54 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

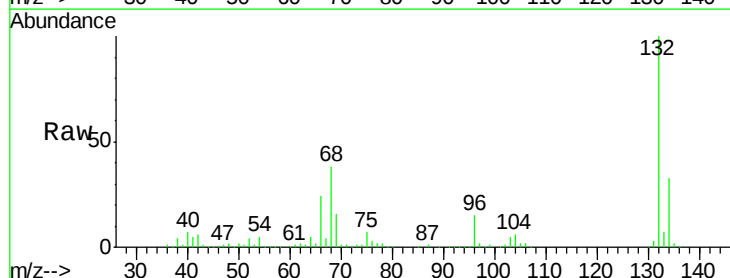
Tgt Ion: 77 Resp: 7060

Ion Ratio Lower Upper

77 100

105 80.9 82.9 122.9#

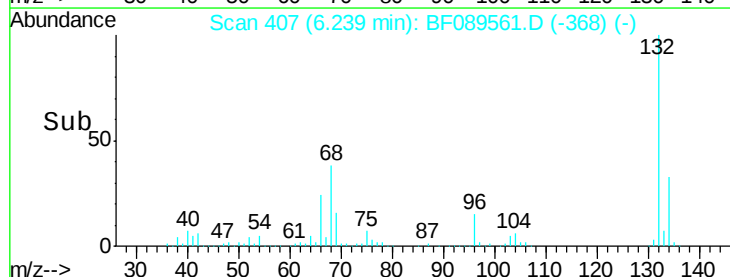
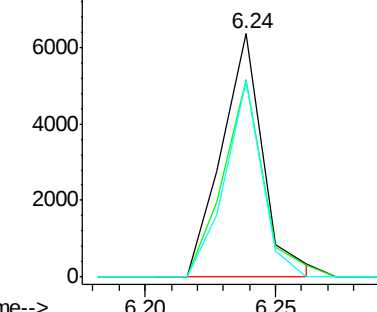
106 80.5 75.9 115.9

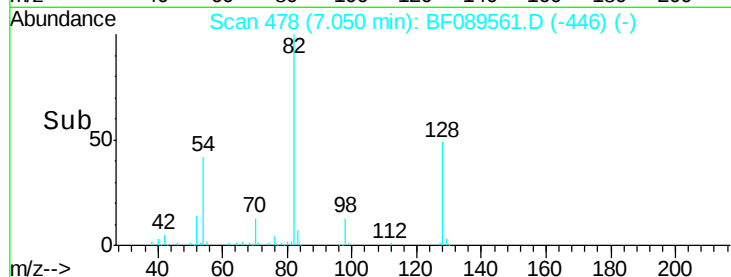
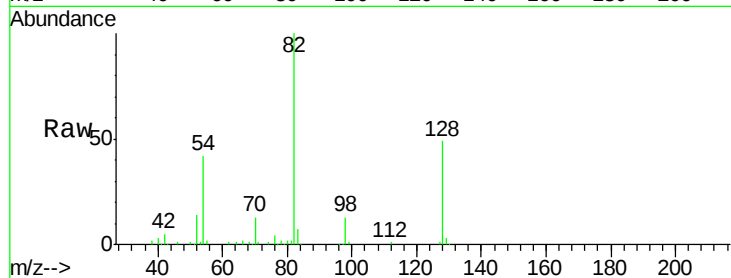
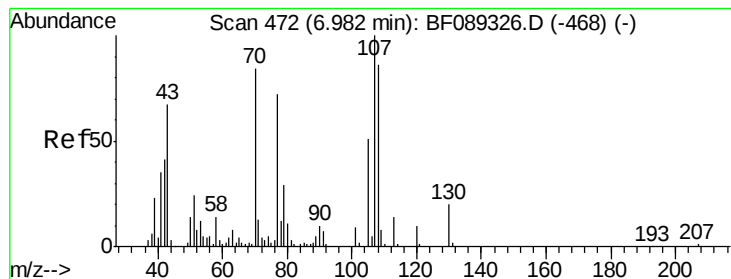


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.89 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-57-13.8-18.5

Tgt Ion: 70 Resp: 32401

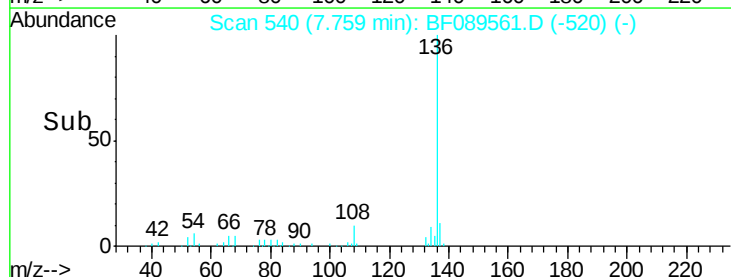
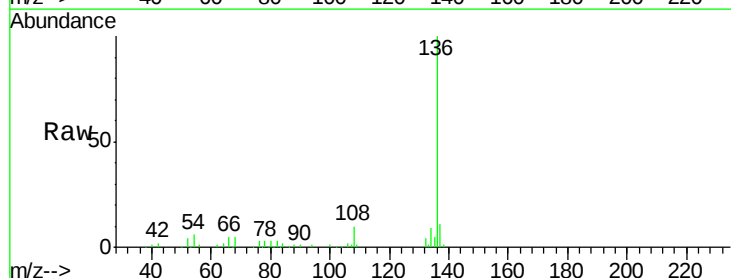
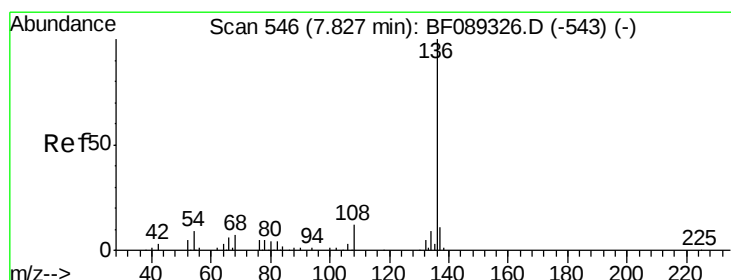
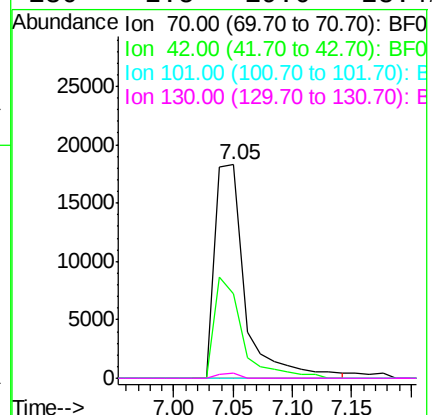
Ion Ratio Lower Upper

70 100

42 39.6 38.6 57.8

101 0.0 8.3 12.5#

130 2.5 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

Tgt Ion: 136 Resp: 142402

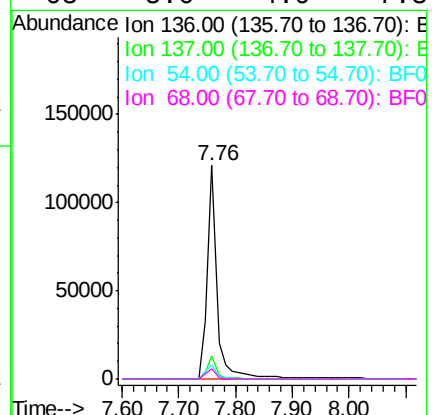
Ion Ratio Lower Upper

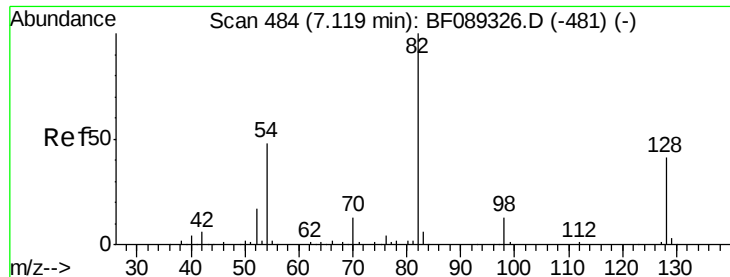
136 100

137 10.8 8.6 13.0

54 6.3 7.0 10.4#

68 5.0 4.9 7.3

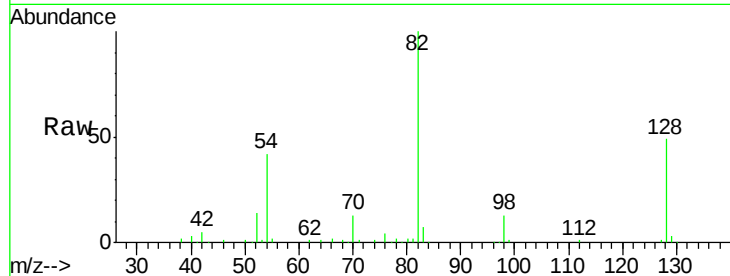




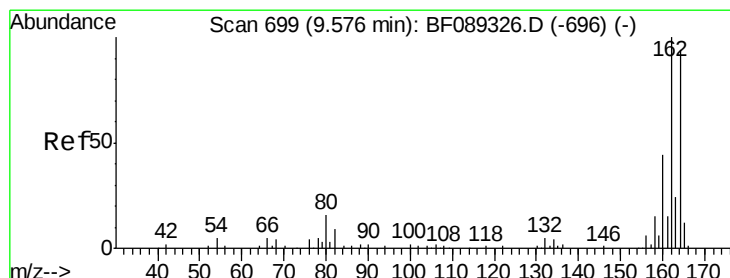
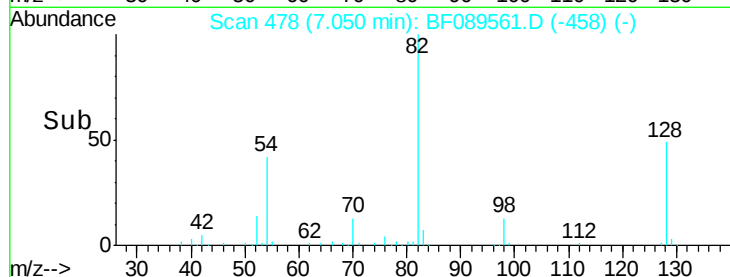
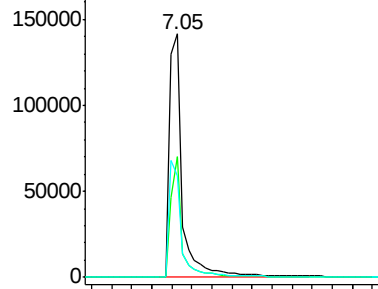
#23
 Nitrobenzene-d5
 Concen: 105.52 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tgt Ion: 82 Resp: 254581
 Ion Ratio Lower Upper
 82 100
 128 49.5 32.5 48.7#
 54 41.6 38.8 58.2

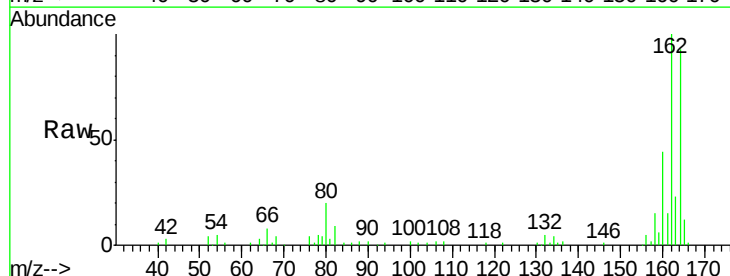


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

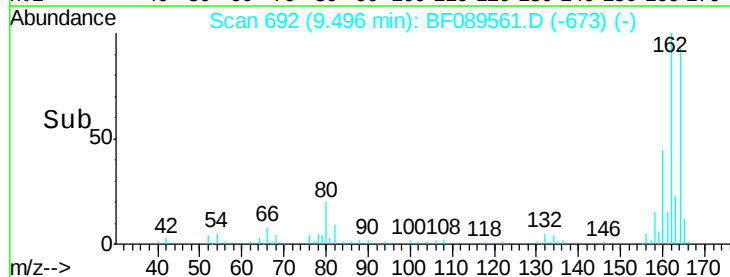
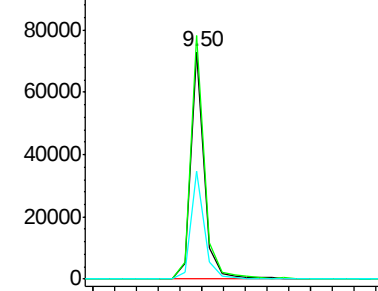


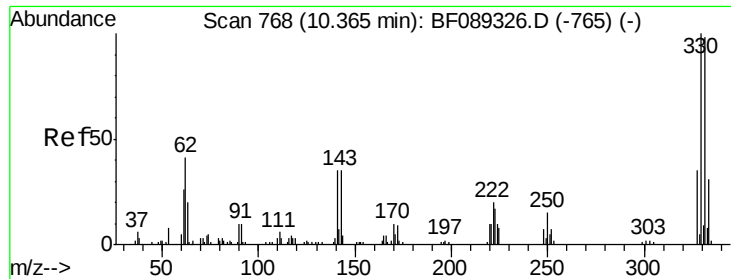
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion: 164 Resp: 63584
 Ion Ratio Lower Upper
 164 100
 162 107.3 83.7 125.5
 160 47.6 37.8 56.6



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

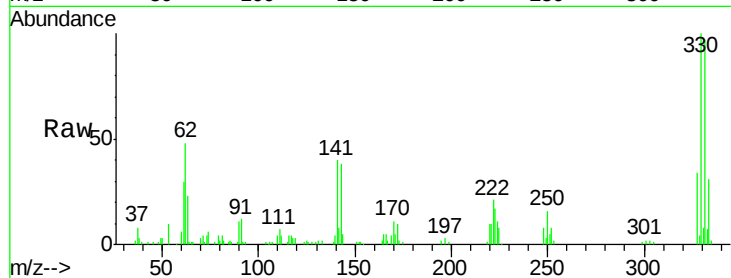




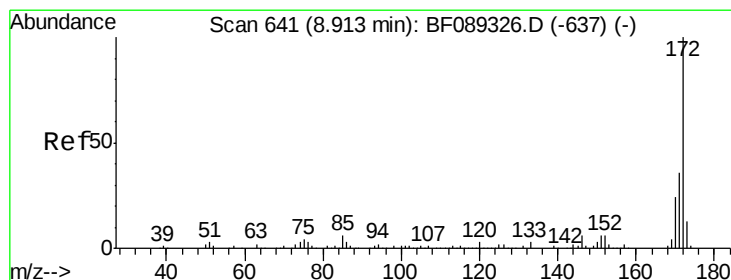
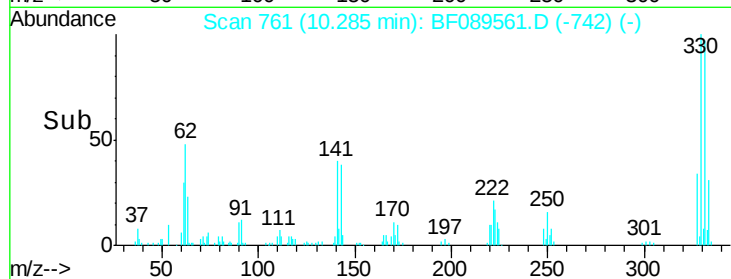
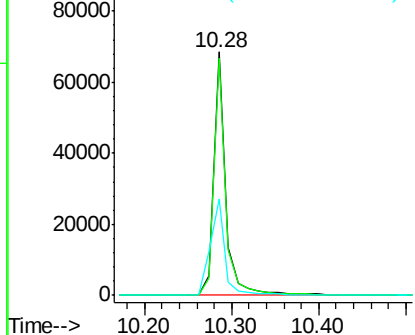
#41
 2,4,6-Tribromophenol
 Concen: 126.21 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tgt Ion:330 Resp: 66465
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 48.2 37.3 55.9

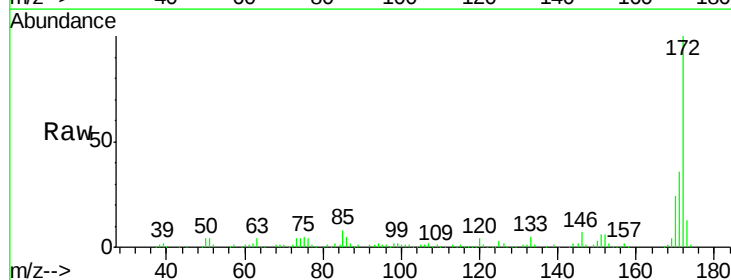


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

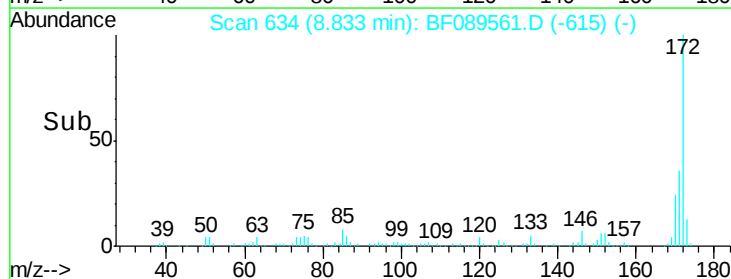
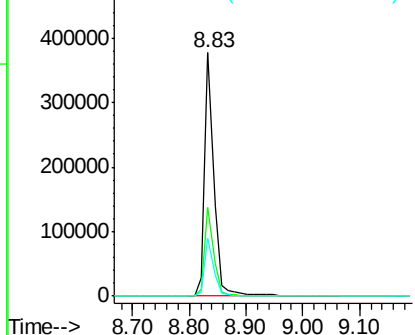


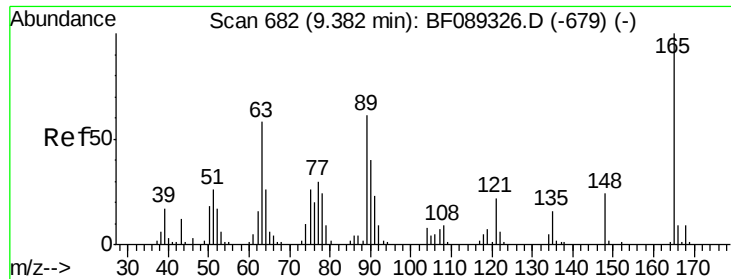
#44
 2-Fluorobiphenyl
 Concen: 95.56 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion:172 Resp: 414008
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.7 19.2 28.8



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

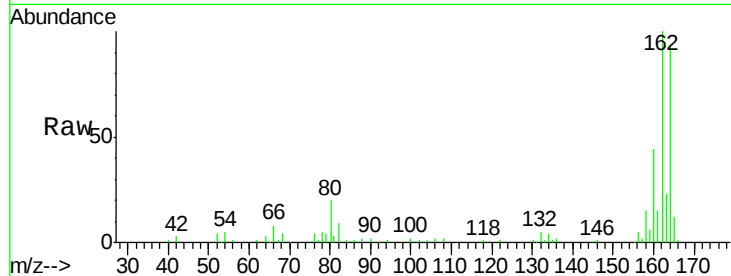




#50
 2,6-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.11 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

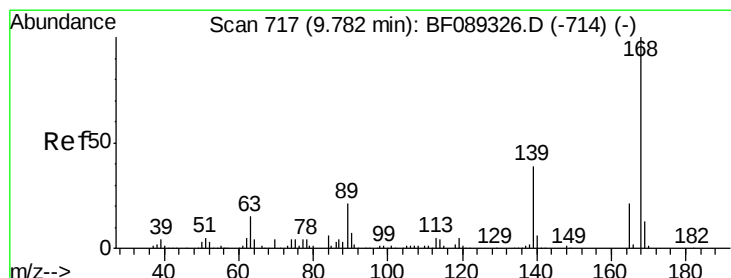
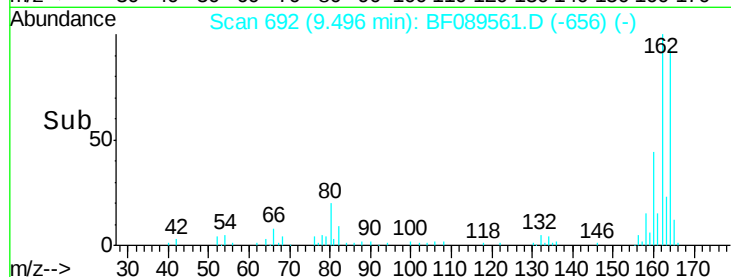
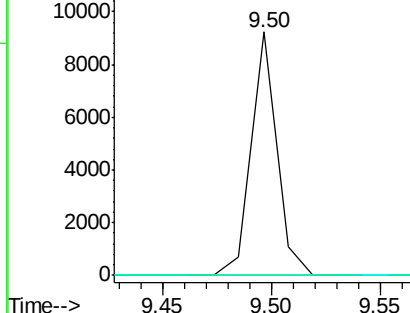
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



Abundance Ion 165.00 (164.70 to 165.70): E

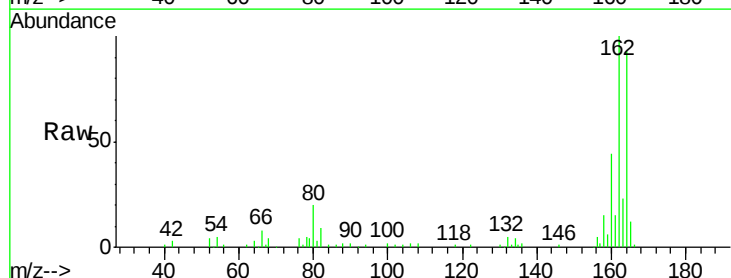
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.78 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

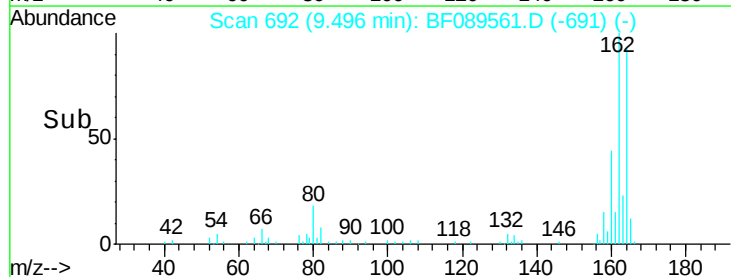
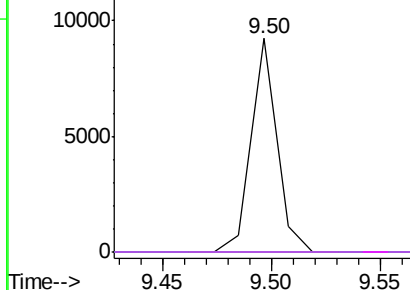


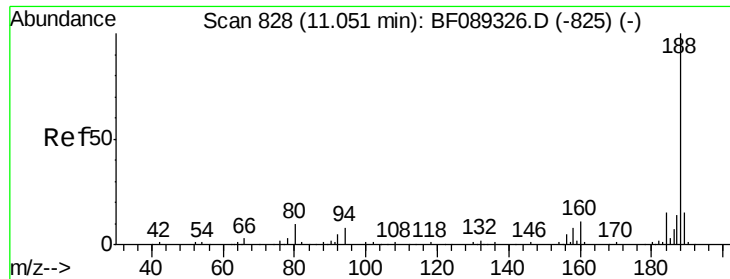
Abundance Ion 165.00 (164.70 to 165.70): E

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

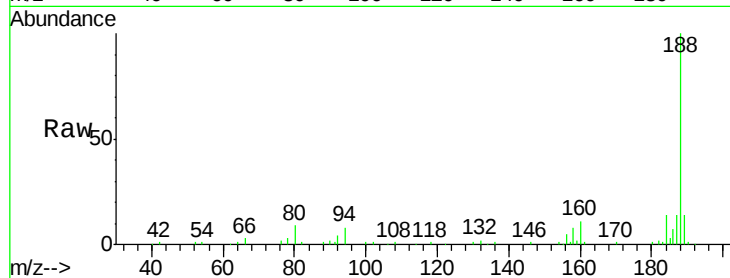




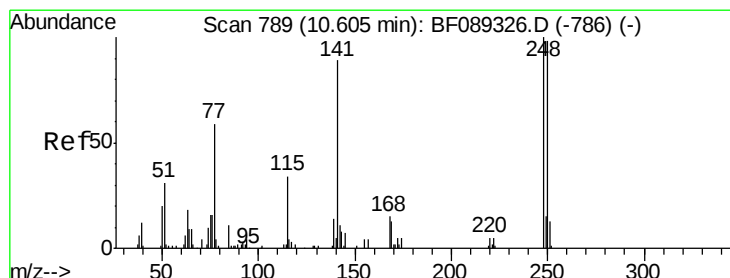
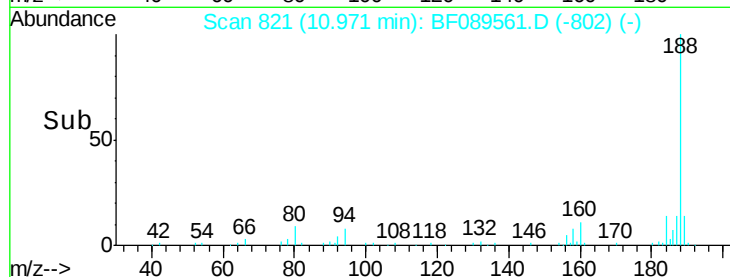
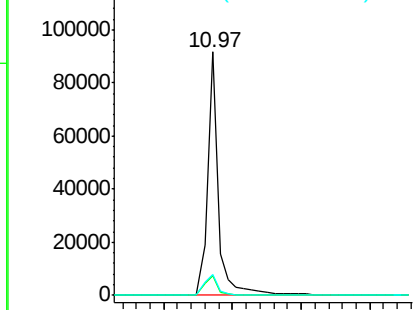
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.08 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Instrument :
 BNA_F
 ClientSampleId :
 GW-57-13.8-18.5

Tgt Ion:188 Resp: 100678
 Ion Ratio Lower Upper
 188 100
 94 8.2 6.5 9.7
 80 8.7 7.2 10.8

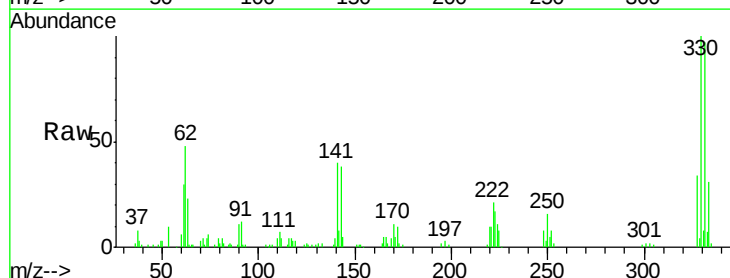


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

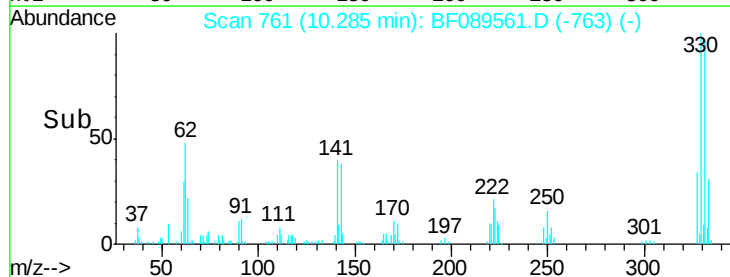
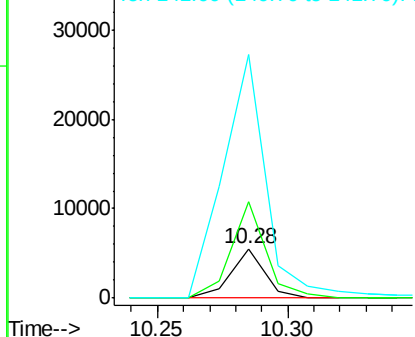


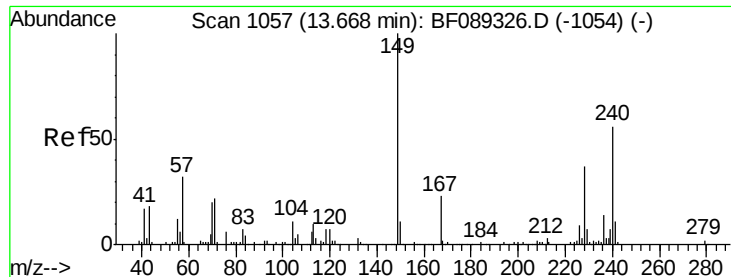
#66
 4-Bromophenyl-phenylether
 Concen: 5.22 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.32 min
 Lab File: BF089561.D
 Acq: 2 Aug 2016 22:10

Tgt Ion:248 Resp: 5016
 Ion Ratio Lower Upper
 248 100
 250 194.8 78.2 117.2#
 141 494.7 62.0 93.0#



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: 13.59 min Scan# 1050

Delta R.T. -0.08 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

Instrument :

BNA_F

ClientSampleId :

GW-57-13.8-18.5

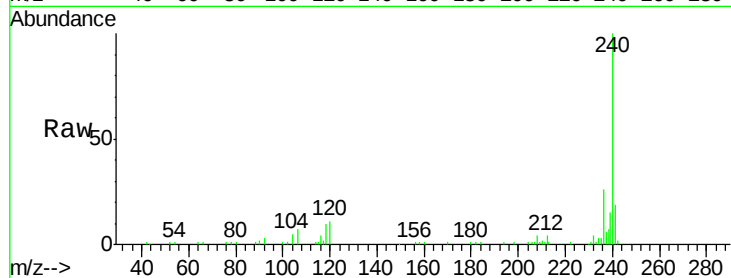
Tgt Ion:240 Resp: 81175

Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

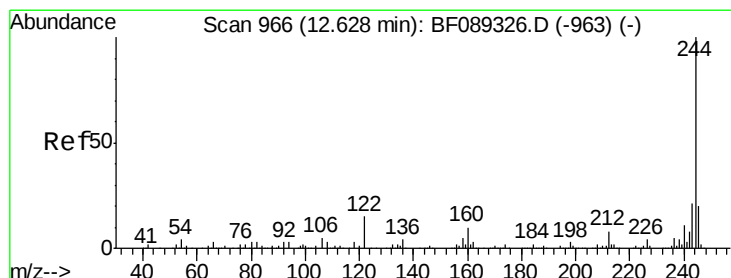
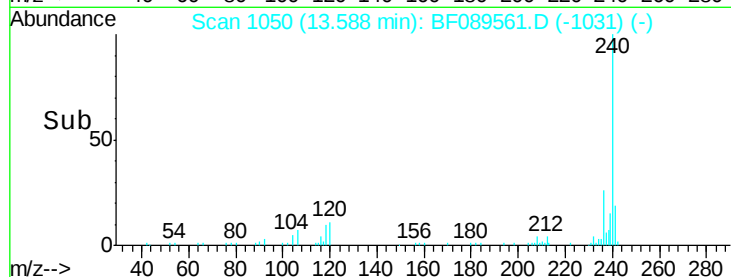
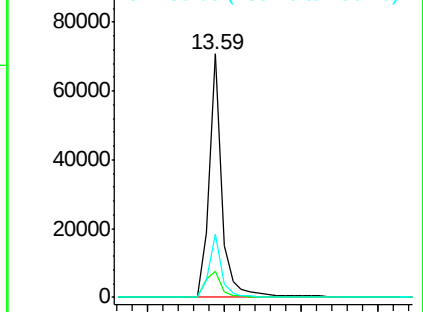
236 25.7 20.6 30.8



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: 88.57 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.08 min

Lab File: BF089561.D

Acq: 2 Aug 2016 22:10

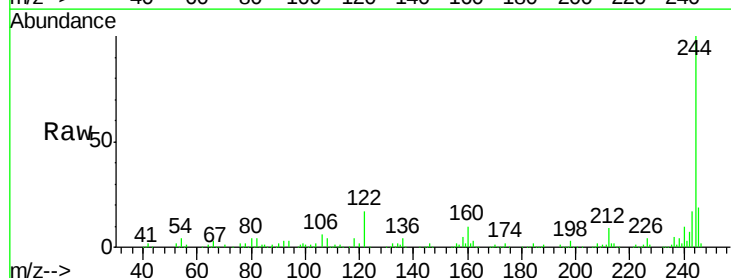
Tgt Ion:244 Resp: 307179

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

122 17.2 11.4 17.0#



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

