

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089227.D
 Acq On : 23 Jul 2016 9:55
 Operator : UM/SJ
 Sample : H4120-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-01-6.5-15.0

Quant Time: Jul 25 01:06:06 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

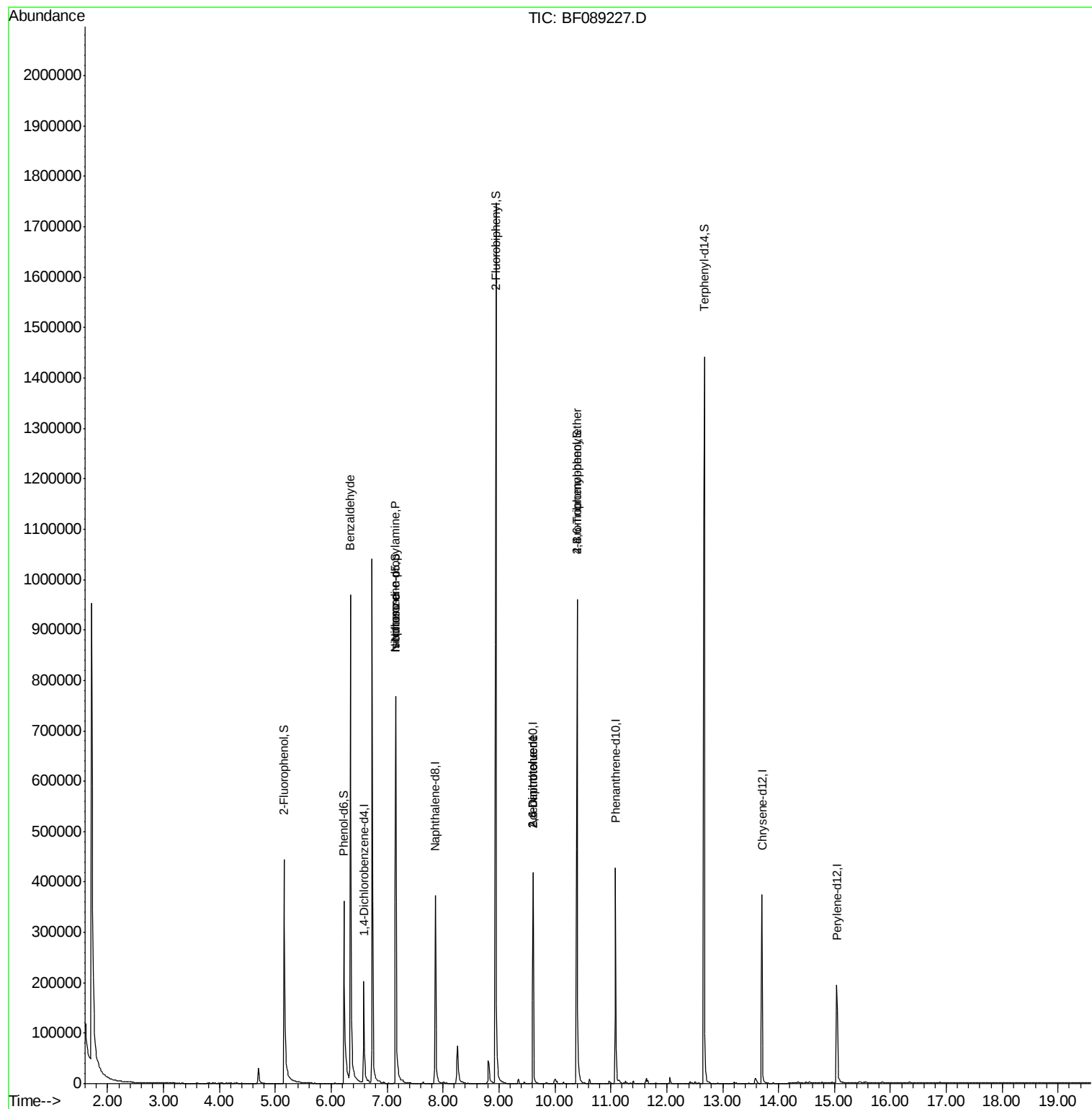
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46630	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	208531	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	97779	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	193982	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	144180	20.00	ng	-0.02
86) Perylene-d12	15.04	264	102248	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	230977	75.34	ng	-0.03
7) Phenol-d6	6.23	99	218032	55.14	ng	-0.05
23) Nitrobenzene-d5	7.15	82	368575	93.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	122449	139.09	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	696278	98.11	ng	-0.02
78) Terphenyl-d14	12.67	244	630038	94.78	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	8305	2.93	ng	# 72
19) n-Nitroso-di-n-propylamine	7.15	70	49133	19.00	ng	# 78
25) Isophorone	7.15	82	285330	39.45	ng	# 66
50) 2,6-Dinitrotoluene	9.61	165	12127	7.16	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	12127	5.56	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9651	5.03	ng	# 1

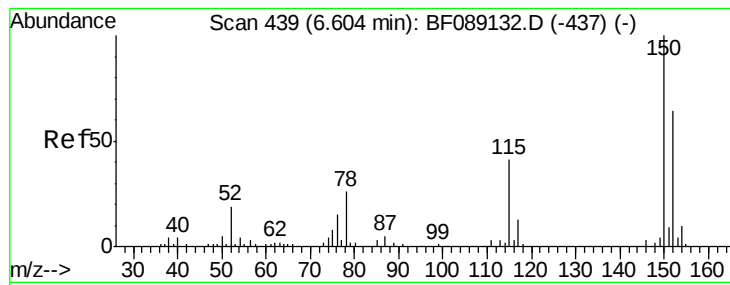
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

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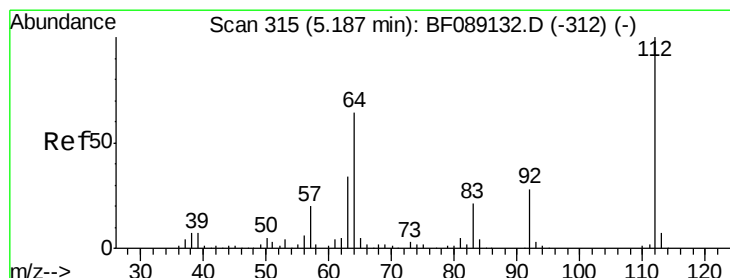
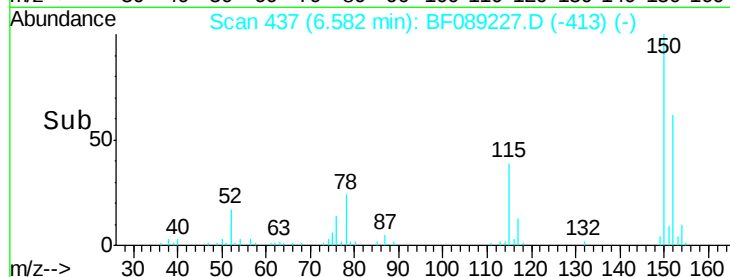
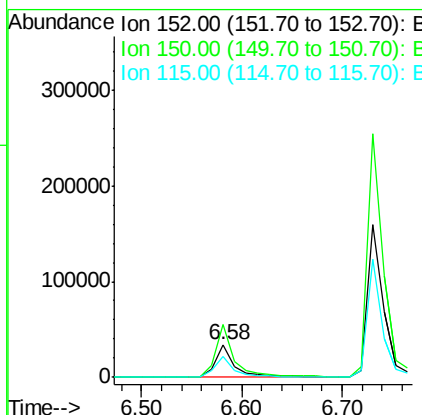
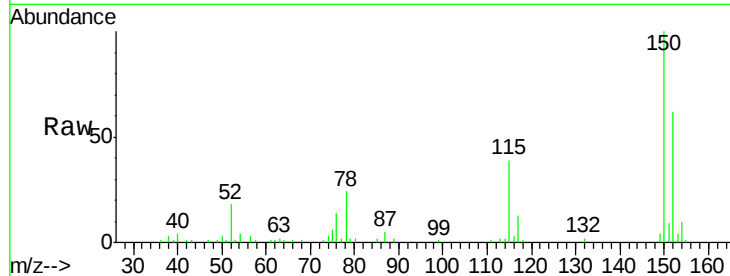




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089227.D
 Acq: 23 Jul 2016 9:55

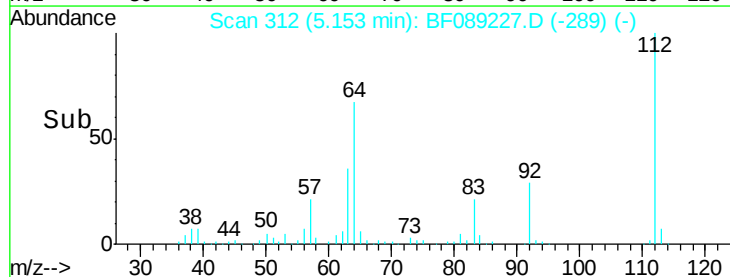
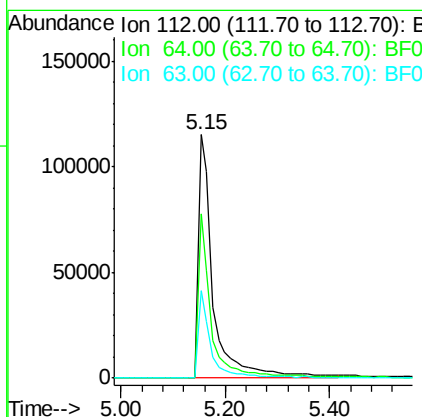
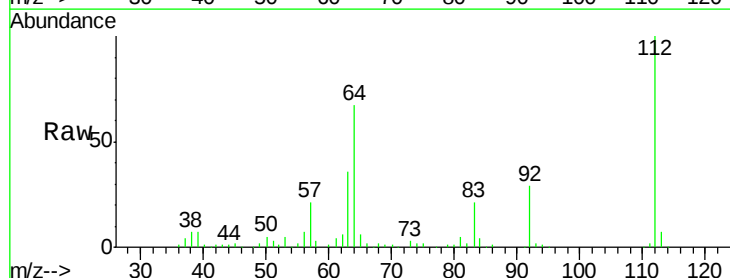
Instrument :
 BNA_F
 ClientSampleId :
 GW-01-6.5-15.0

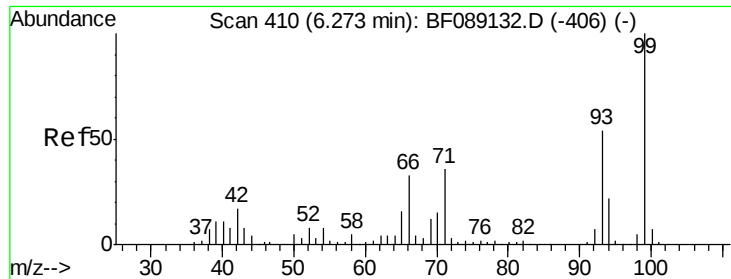
Tgt Ion:152 Resp: 46630
 Ion Ratio Lower Upper
 152 100
 150 161.8 125.1 187.7
 115 62.6 51.1 76.7



#5
 2-Fluorophenol
 Concen: 75.34 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: BF089227.D
 Acq: 23 Jul 2016 9:55

Tgt Ion:112 Resp: 230977
 Ion Ratio Lower Upper
 112 100
 64 67.2 51.0 76.4
 63 35.8 27.3 40.9





#7

Phenol-d6

Concen: 55.14 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089227.D

Acq: 23 Jul 2016 9:55

Instrument :

BNA_F

ClientSampleId :

GW-01-6.5-15.0

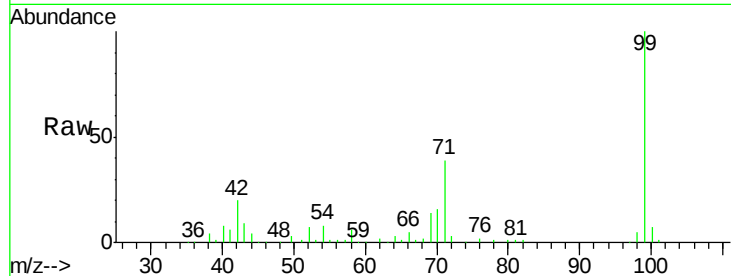
Tgt Ion: 99 Resp: 218032

Ion Ratio Lower Upper

99 100

42 19.6 13.5 20.3

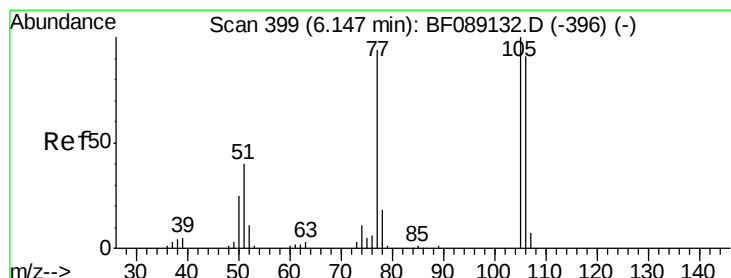
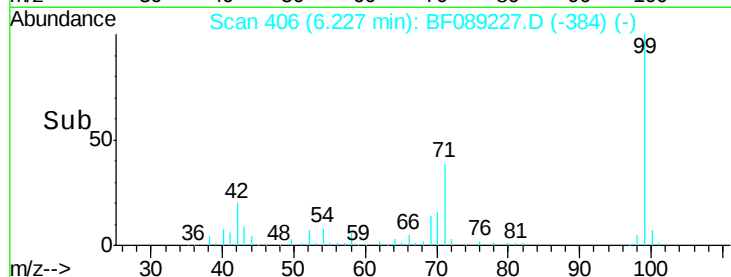
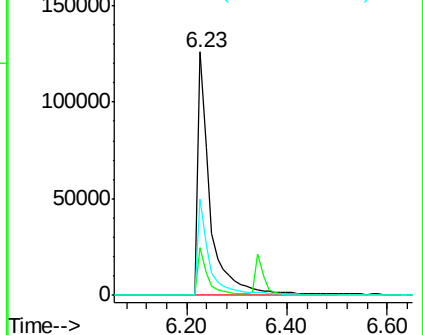
71 39.5 28.9 43.3



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: 2.93 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF089227.D

Acq: 23 Jul 2016 9:55

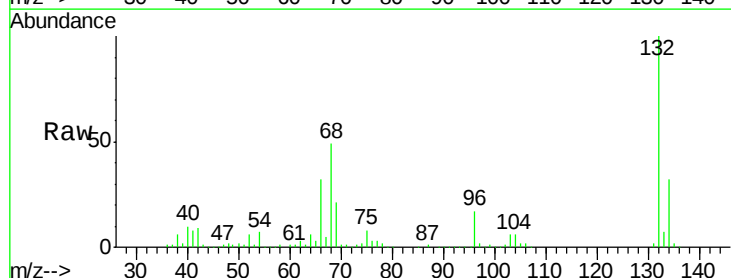
Tgt Ion: 77 Resp: 8305

Ion Ratio Lower Upper

77 100

105 75.9 86.2 126.2#

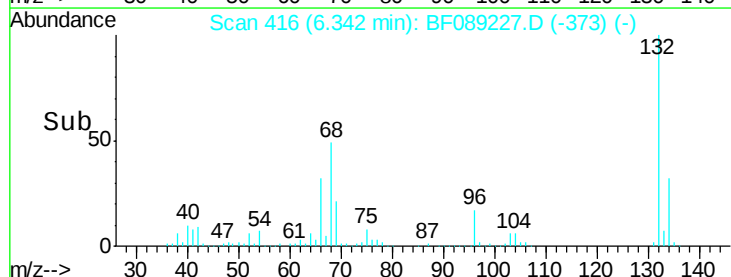
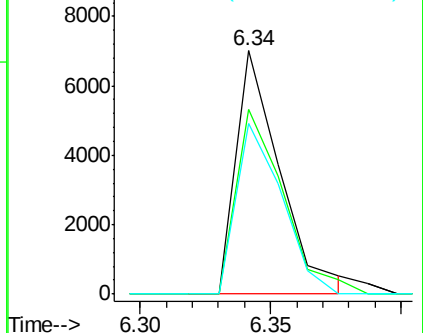
106 69.9 76.3 116.3#

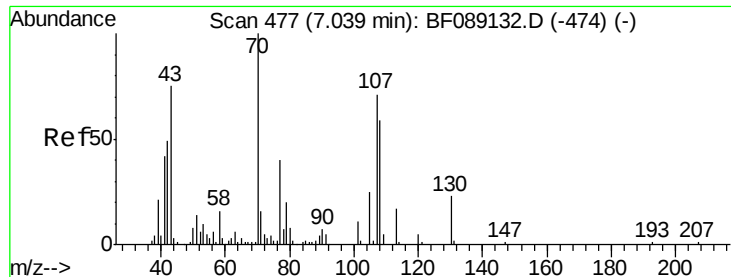


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

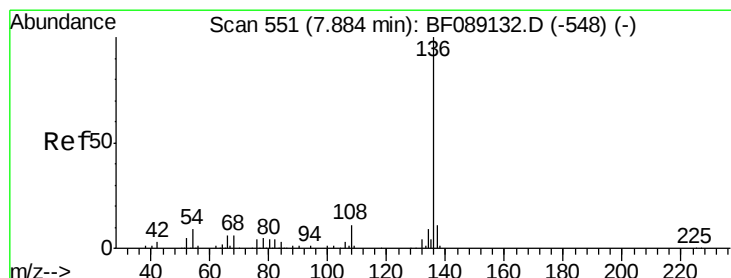
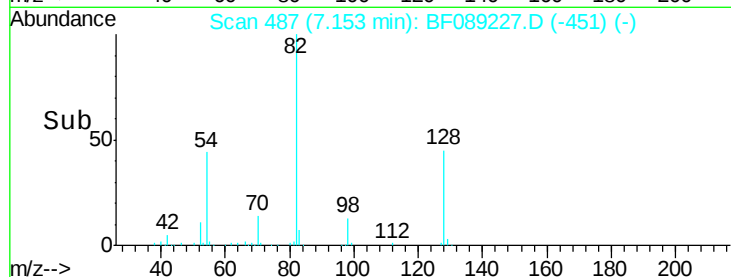
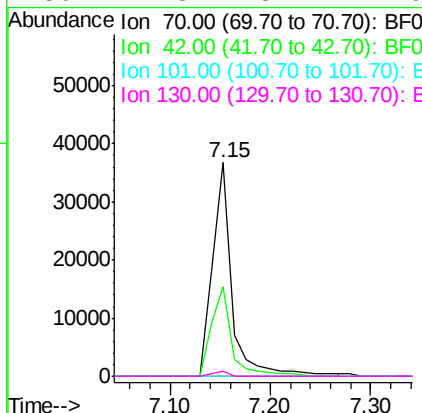
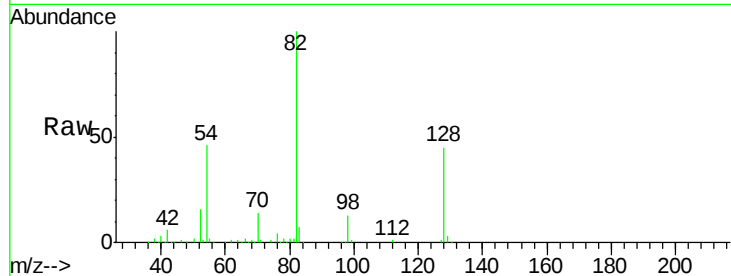




#19
n-Nitroso-di-n-propylamine
Concen: 19.00 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

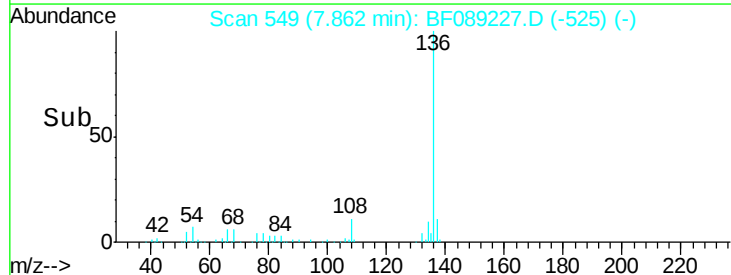
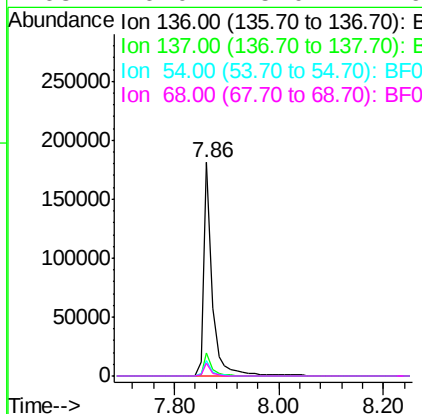
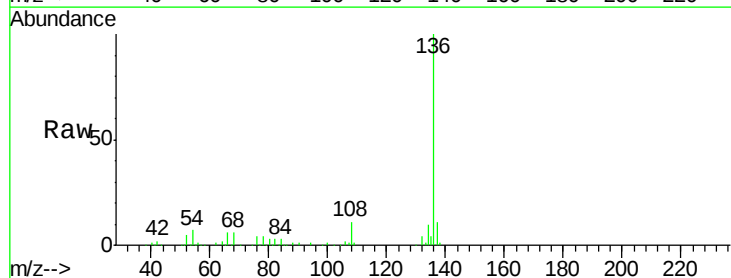
Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

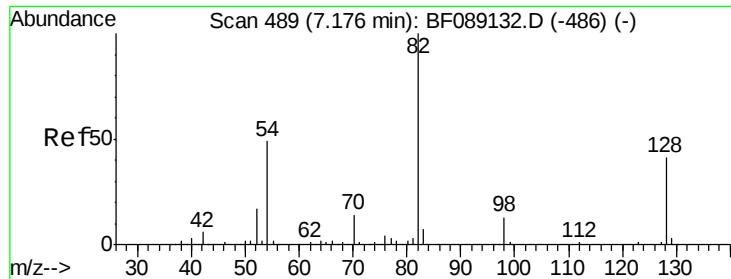
Tgt Ion: 70 Resp: 49133
Ion Ratio Lower Upper
70 100
42 42.0 39.2 58.8
101 0.0 8.5 12.7#
130 2.3 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion: 136 Resp: 208531
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.4 7.0 10.4
68 6.0 5.0 7.6

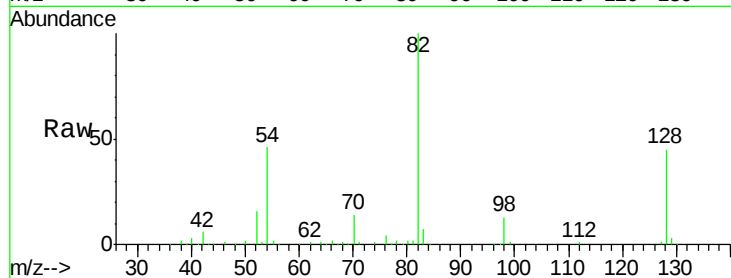




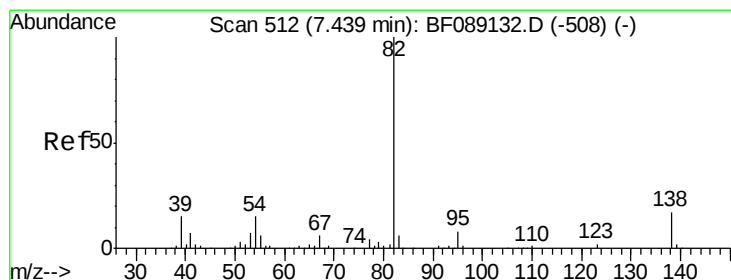
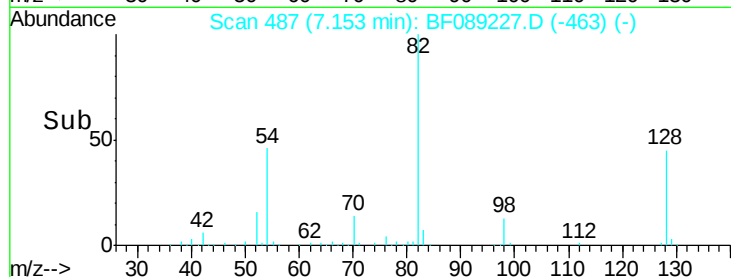
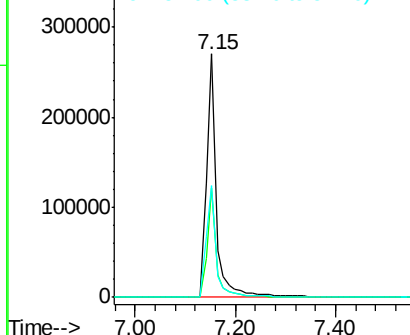
#23
Nitrobenzene-d5
Concen: 93.91 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Instrument :
BNA_F
ClientSampleId :
GW-01-6.5-15.0

Tgt Ion: 82 Resp: 368575
Ion Ratio Lower Upper
82 100
128 44.7 33.0 49.6
54 45.7 39.0 58.4

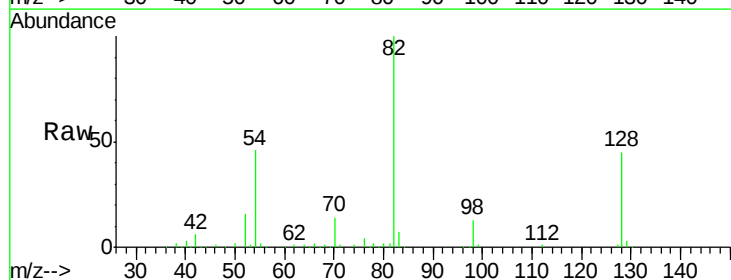


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

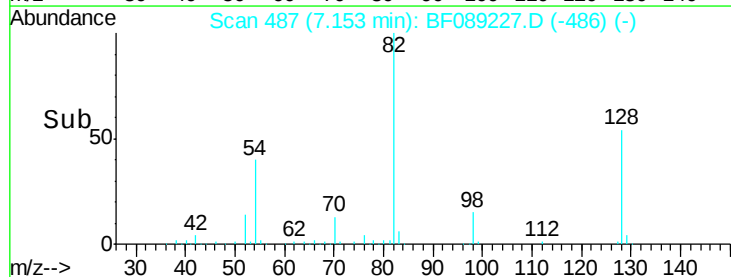
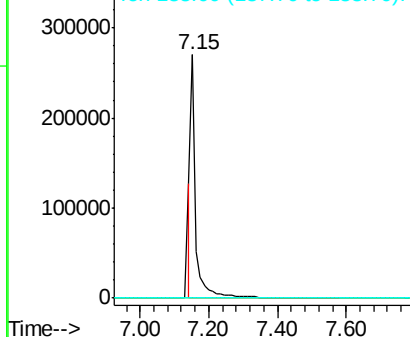


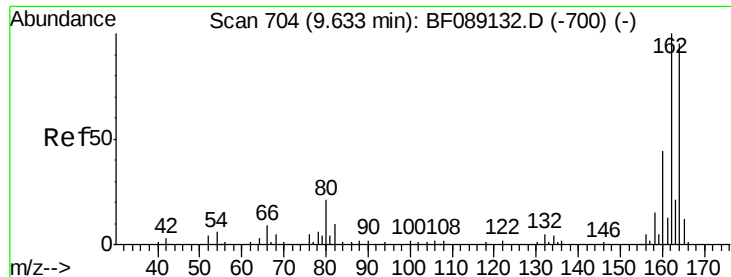
#25
Isophorone
Concen: 39.45 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF089227.D
Acq: 23 Jul 2016 9:55

Tgt Ion: 82 Resp: 285330
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.6 20.4#



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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089227.D

Acq: 23 Jul 2016 9:55

Instrument :

BNA_F

ClientSampleId :

GW-01-6.5-15.0

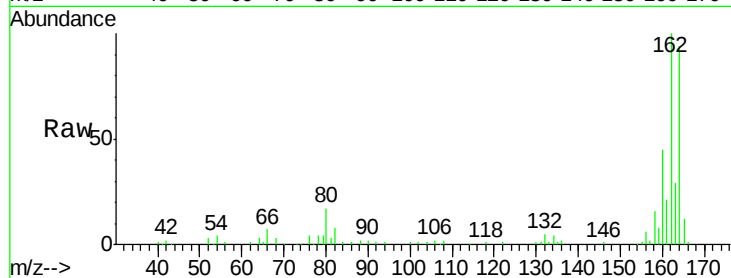
Tgt Ion:164 Resp: 97779

Ion Ratio Lower Upper

164 100

162 106.2 84.1 126.1

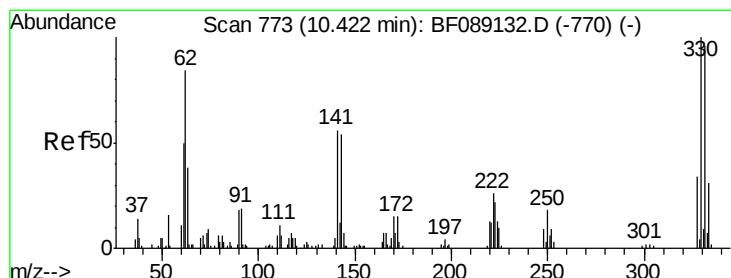
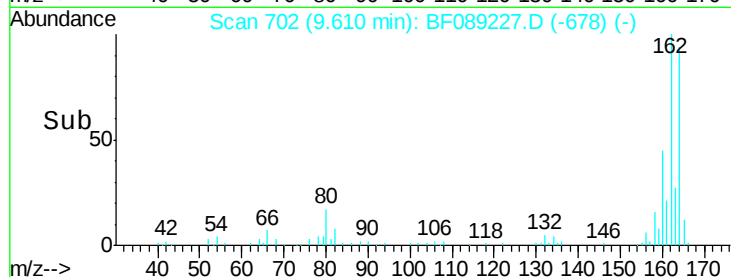
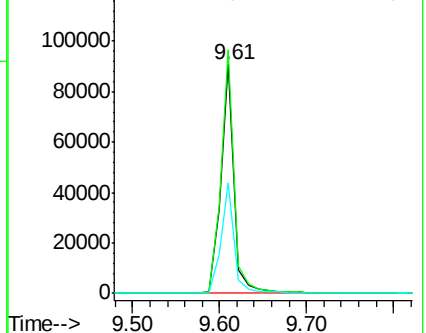
160 48.1 37.1 55.7



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: 139.09 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089227.D

Acq: 23 Jul 2016 9:55

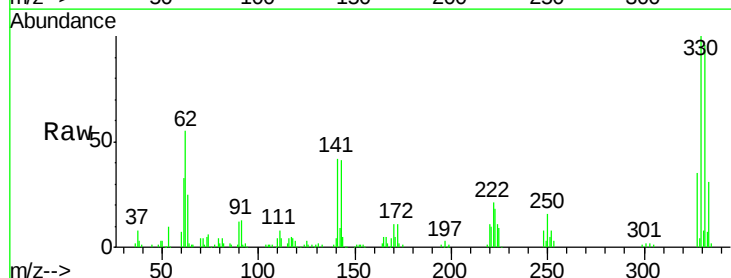
Tgt Ion:330 Resp: 122449

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

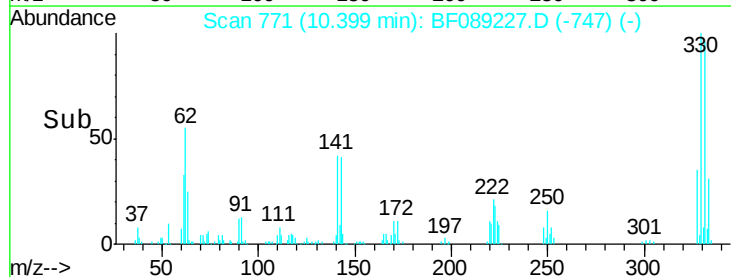
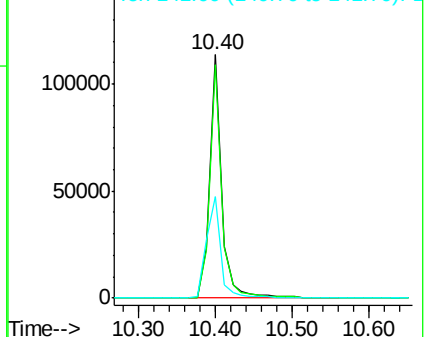
141 49.6 42.2 63.2

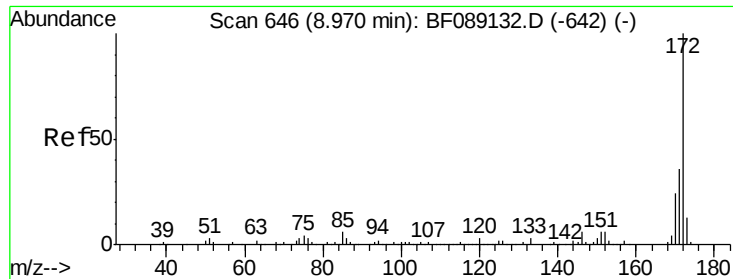


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

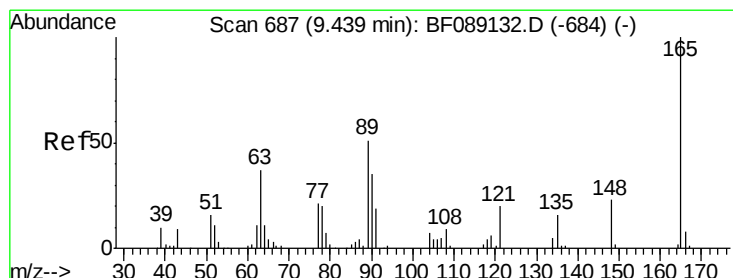
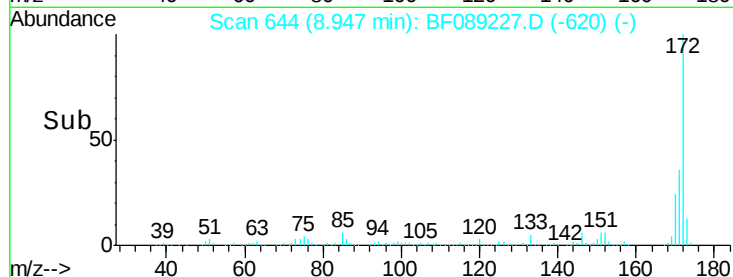
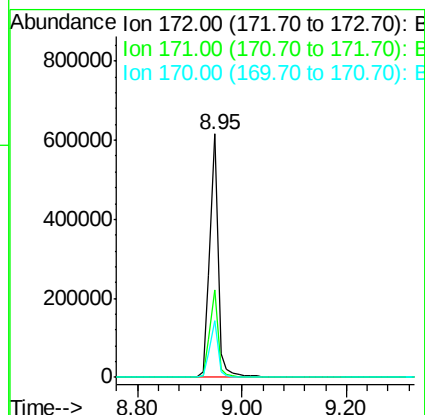
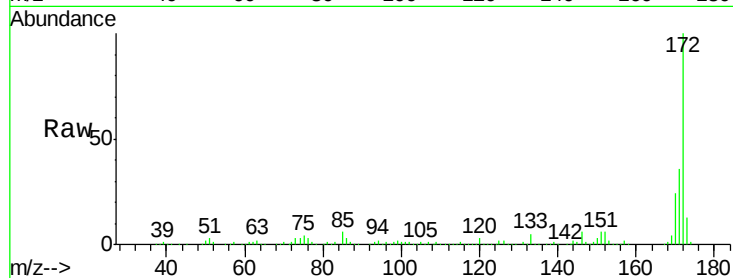




#44
 2-Fluorobiphenyl
 Concen: 98.11 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089227.D
 Acq: 23 Jul 2016 9:55

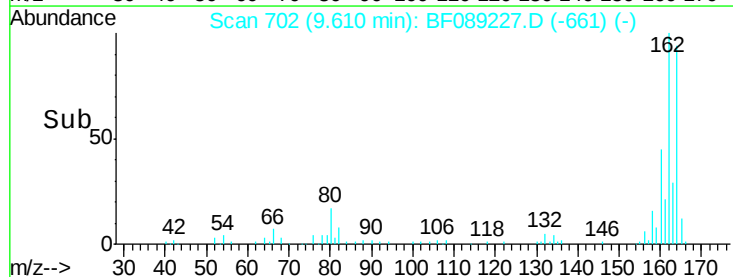
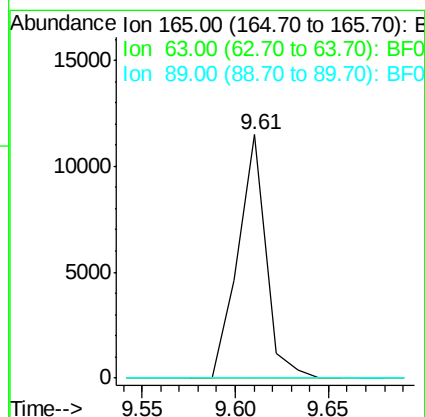
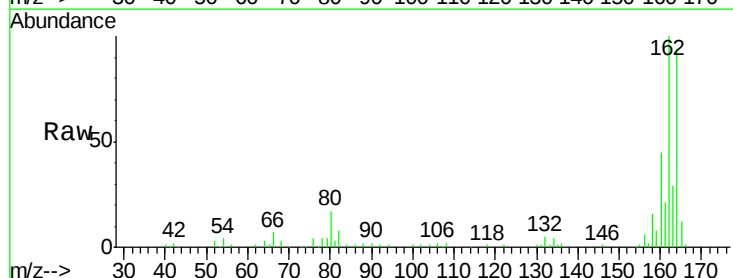
Instrument :
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 GW-01-6.5-15.0

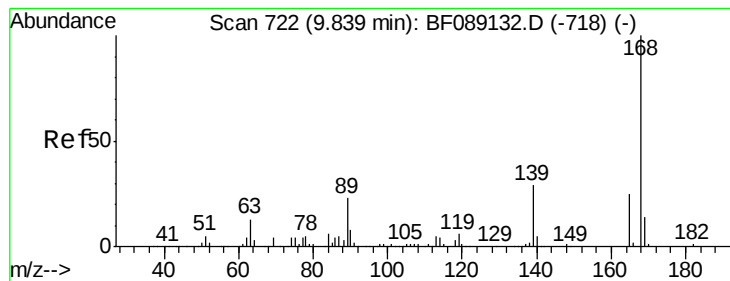
Tgt Ion:172 Resp: 696278
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.6 19.1 28.7



#50
 2,6-Dinitrotoluene
 Concen: 7.16 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF089227.D
 Acq: 23 Jul 2016 9:55

Tgt Ion:165 Resp: 12127
 Ion Ratio Lower Upper
 165 100
 63 0.0 37.0 55.4#
 89 0.0 40.9 61.3#





#56

2,4-Dinitrotoluene

Concen: 5.56 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.23 min

Lab File: BF089227.D

Acq: 23 Jul 2016 9:55

Instrument :

BNA_F

ClientSampleId :

GW-01-6.5-15.0

Tgt Ion:165 Resp: 12127

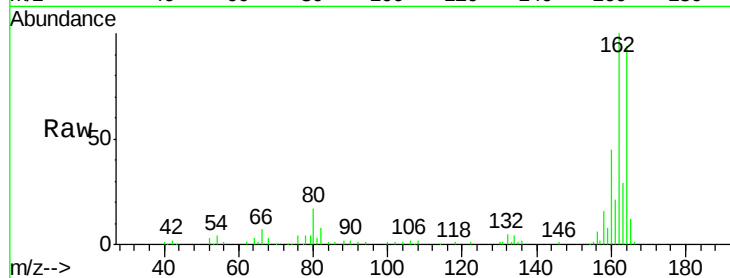
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

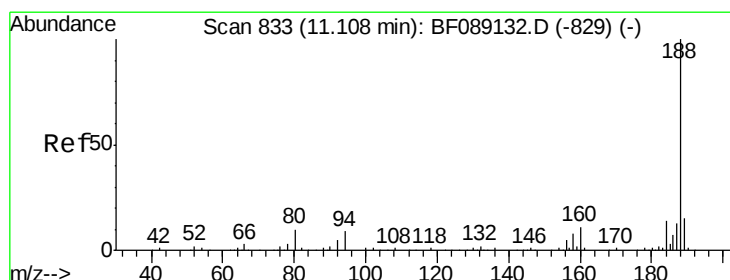
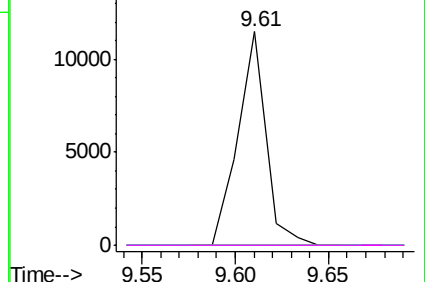
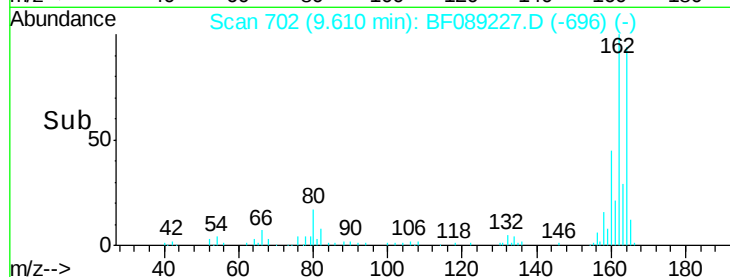


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF089227.D

Acq: 23 Jul 2016 9:55

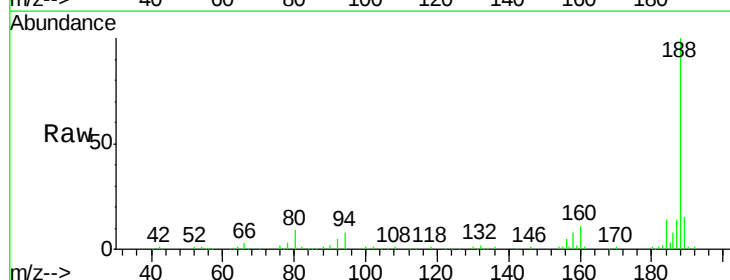
Tgt Ion:188 Resp: 193982

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

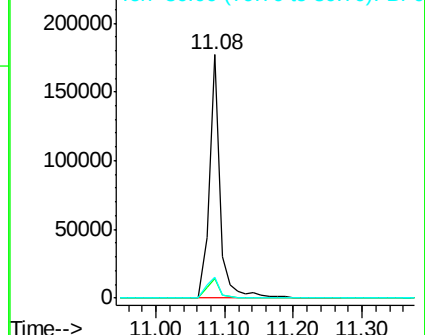
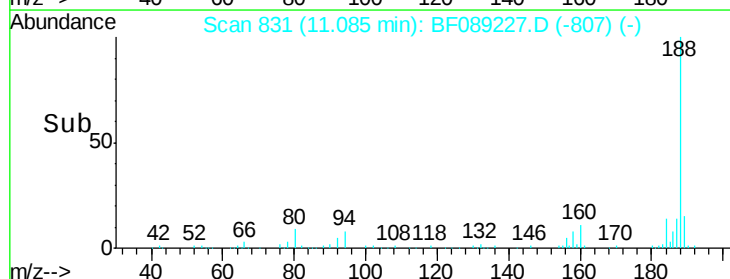
80 8.6 7.7 11.5

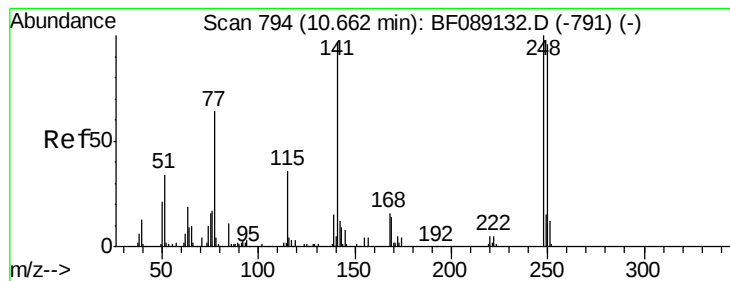


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.03 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089227.D

Acq: 23 Jul 2016 9:55

Instrument :

BNA_F

ClientSampleId :

GW-01-6.5-15.0

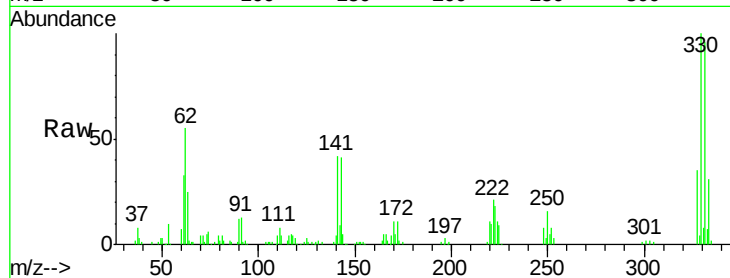
Tgt Ion:248 Resp: 9651

Ion Ratio Lower Upper

248 100

250 196.5 76.9 115.3#

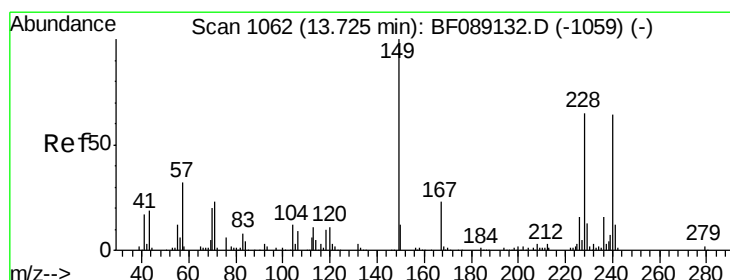
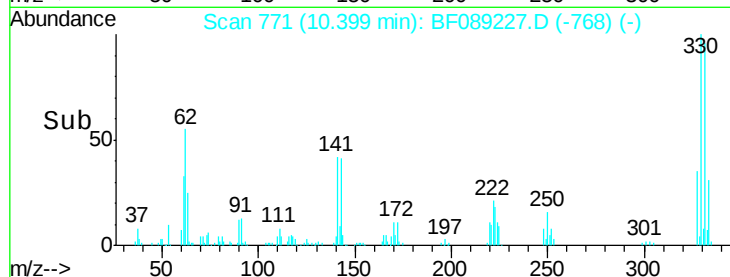
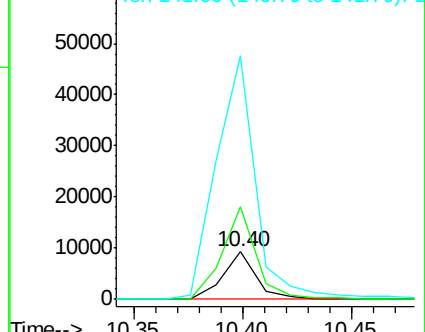
141 514.9 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089227.D

Acq: 23 Jul 2016 9:55

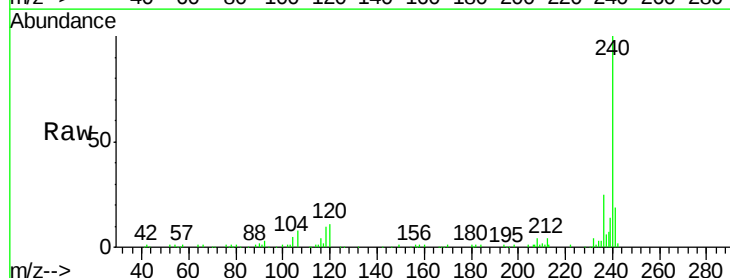
Tgt Ion:240 Resp: 144180

Ion Ratio Lower Upper

240 100

120 10.8 13.6 20.4#

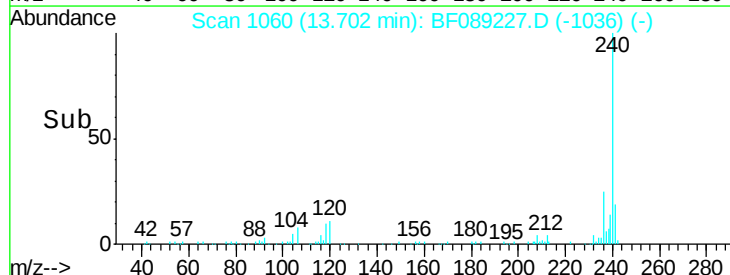
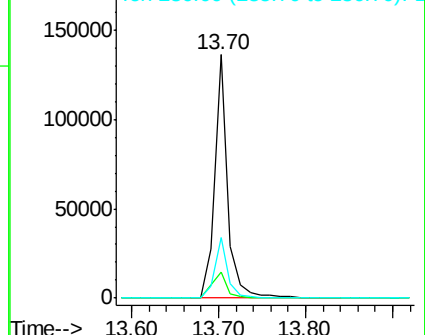
236 25.1 20.5 30.7

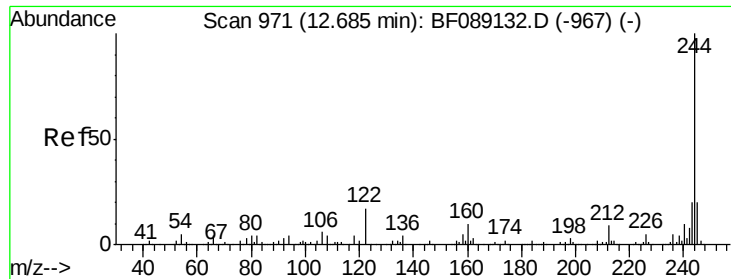


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

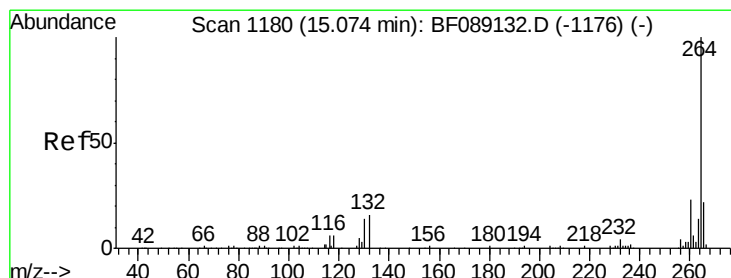
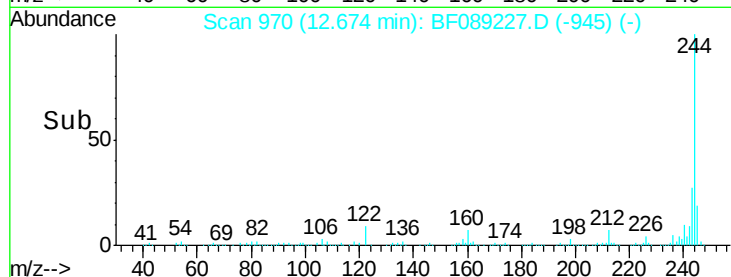
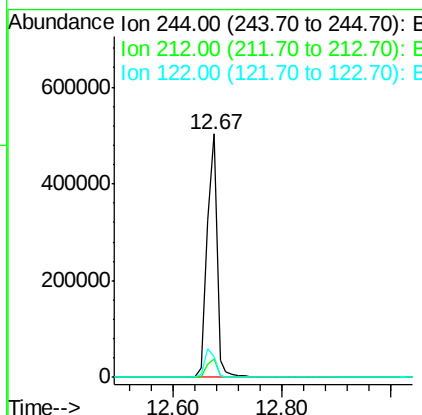
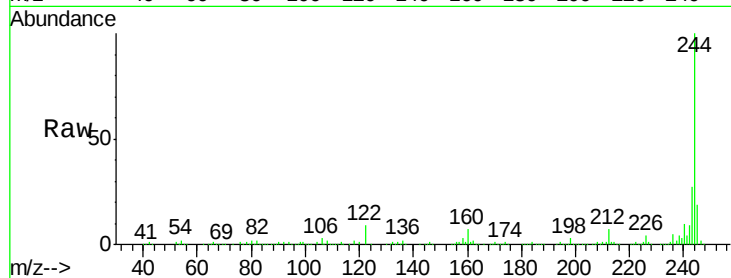




#78
 Terphenyl-d14
 Concen: 94.78 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089227.D
 Acq: 23 Jul 2016 9:55

Instrument :
 BNA_F
 ClientSampleId :
 GW-01-6.5-15.0

Tgt Ion: 244 Resp: 630038
 Ion Ratio Lower Upper
 244 100
 212 7.4 7.0 10.4
 122 8.7 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF089227.D
 Acq: 23 Jul 2016 9:55

Tgt Ion: 264 Resp: 102248
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.5 27.7
 265 22.4 17.3 25.9

