

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089229.D
 Acq On : 23 Jul 2016 10:56
 Operator : UM/SJ
 Sample : H4120-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03-6.0-14.0

Quant Time: Jul 25 01:06:35 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

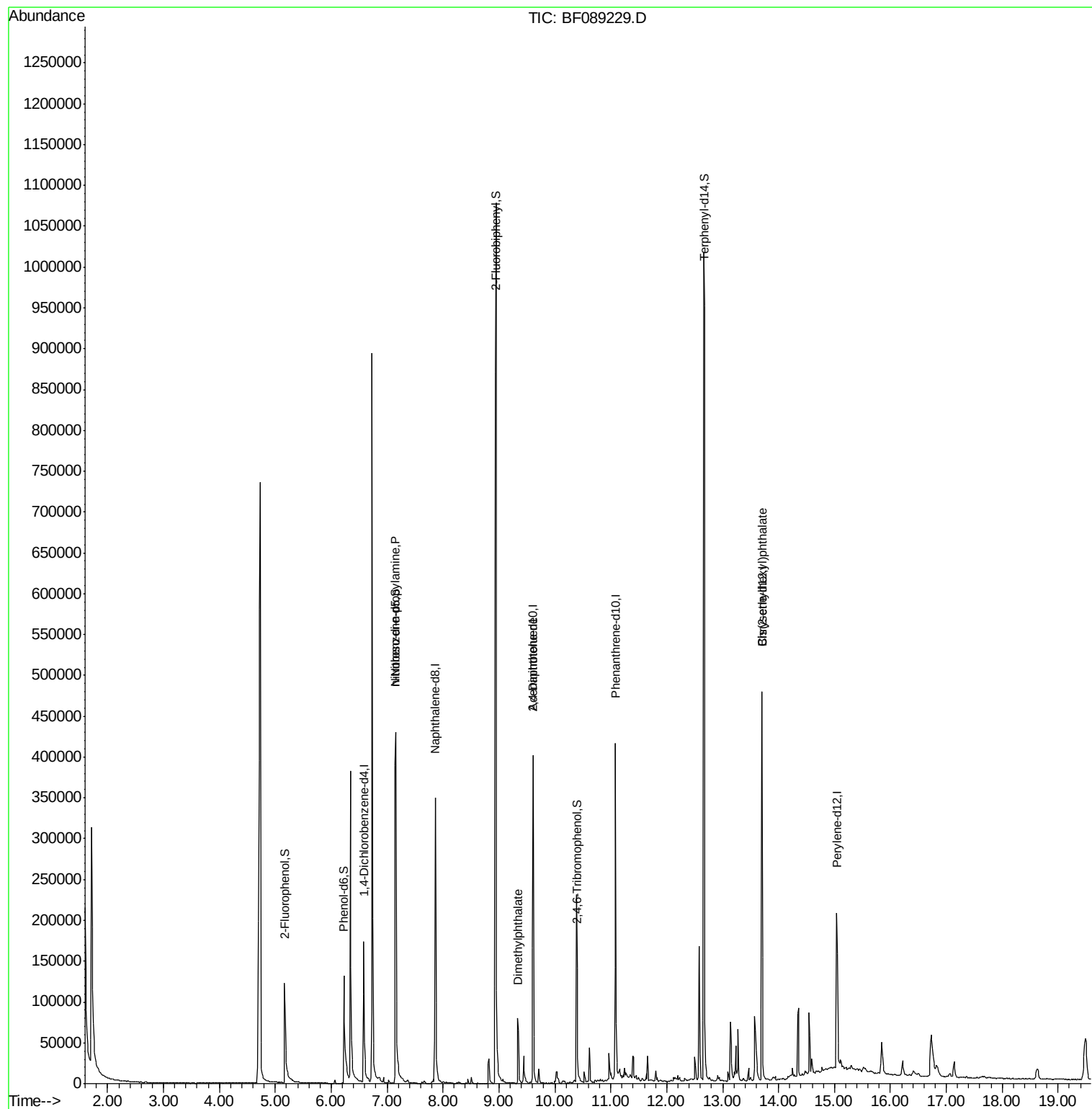
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	44717	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	202160	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	96289	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	189347	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	137972	20.00	ng	-0.02
86) Perylene-d12	15.04	264	100304	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	77233	26.27	ng	-0.02
7) Phenol-d6	6.23	99	96944	25.57	ng	-0.05
23) Nitrobenzene-d5	7.15	82	272762	71.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	31334	36.14	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	532177	76.15	ng	-0.02
78) Terphenyl-d14	12.67	244	481567	75.70	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	36072	14.55	ng	# 77
49) Dimethylphthalate	9.35	163	54065	7.32	ng	98
56) 2,4-Dinitrotoluene	9.61	165	11627	5.41	ng	# 10
83) Bis(2-ethylhexyl)phthalate	13.70	149	37819	5.92	ng	100

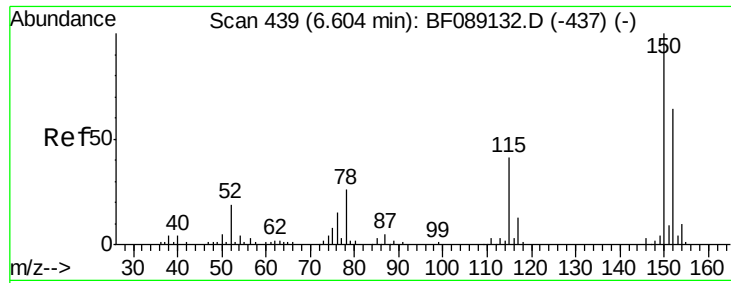
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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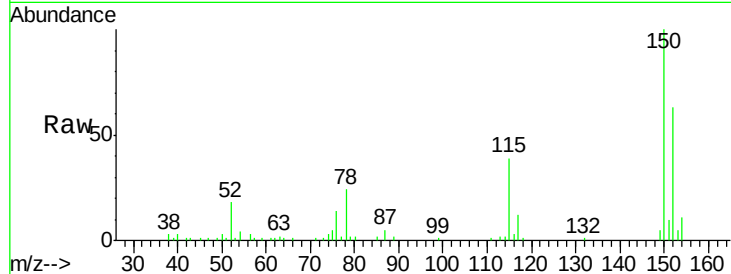


#1

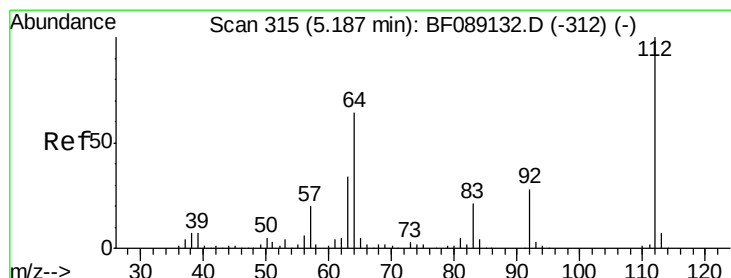
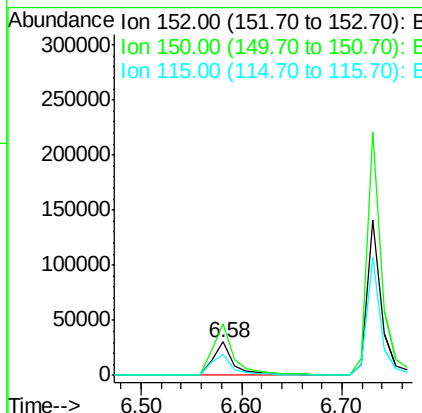
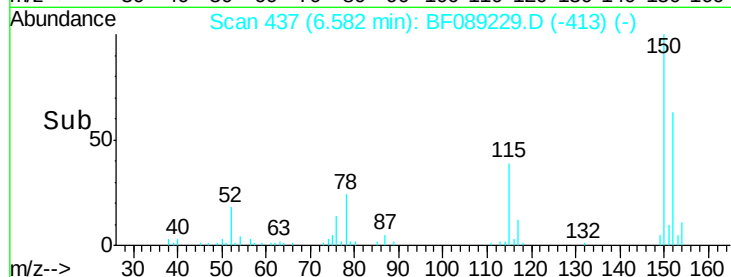
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-03-6.0-14.0

Tgt Ion:152 Resp: 44717
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.1 187.7
 115 61.7 51.1 76.7



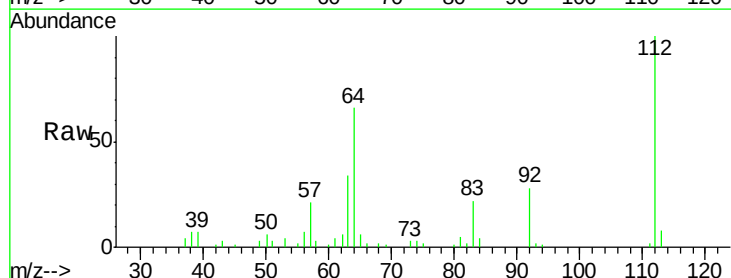
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



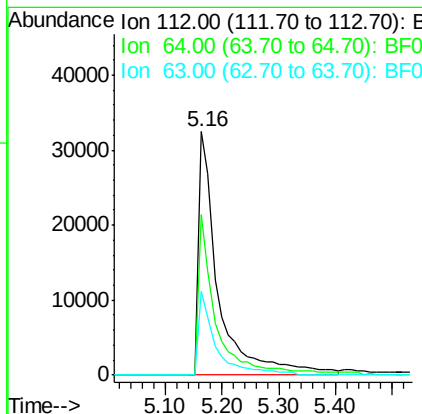
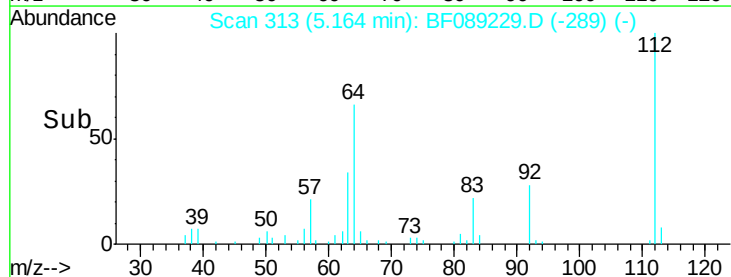
#5

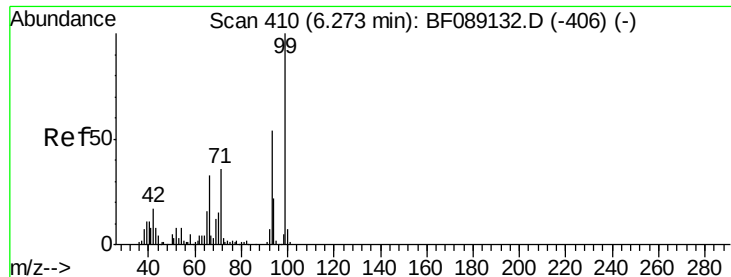
2-Fluorophenol
 Concen: 26.27 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

Tgt Ion:112 Resp: 77233
 Ion Ratio Lower Upper
 112 100
 64 65.8 51.0 76.4
 63 34.4 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: 25.57 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089229.D

Acq: 23 Jul 2016 10:56

Instrument :

BNA_F

ClientSampleId :

GW-03-6.0-14.0

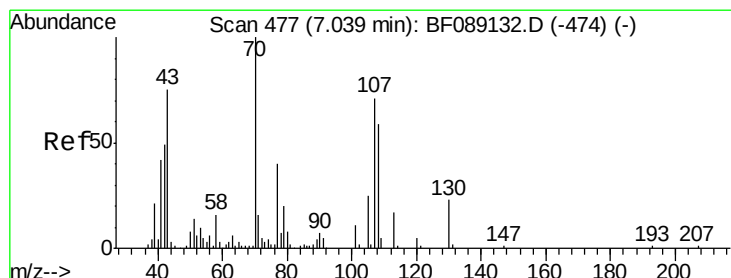
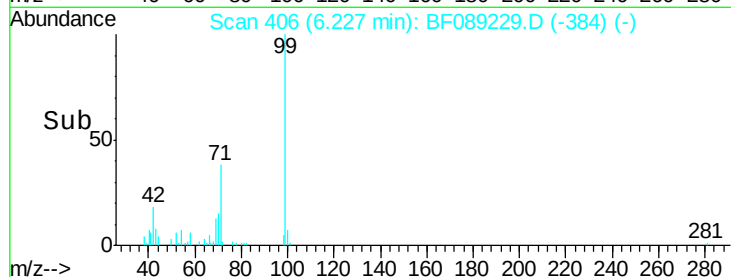
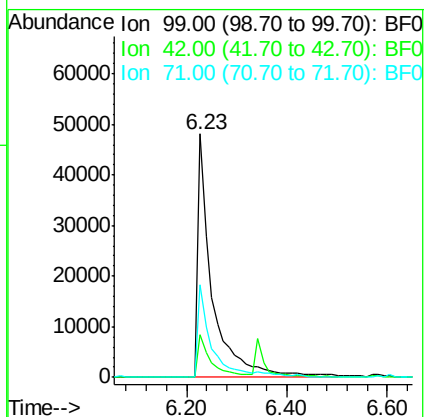
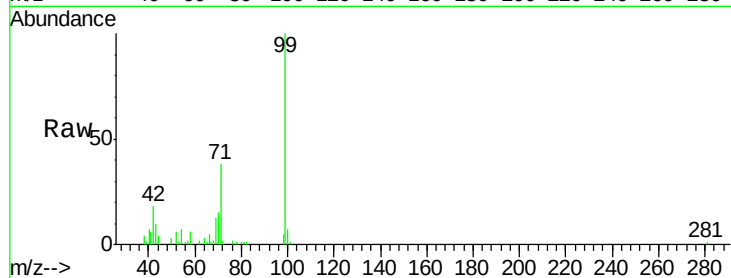
Tgt Ion: 99 Resp: 96944

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 38.0 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.55 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089229.D

Acq: 23 Jul 2016 10:56

Tgt Ion: 70 Resp: 36072

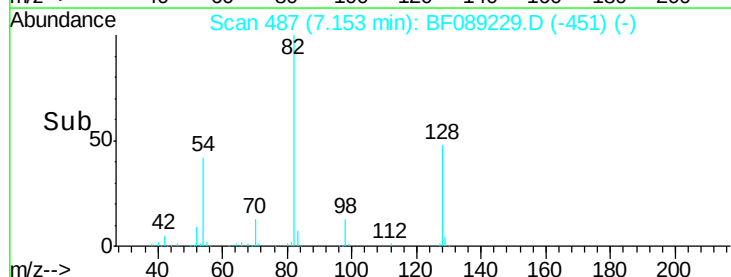
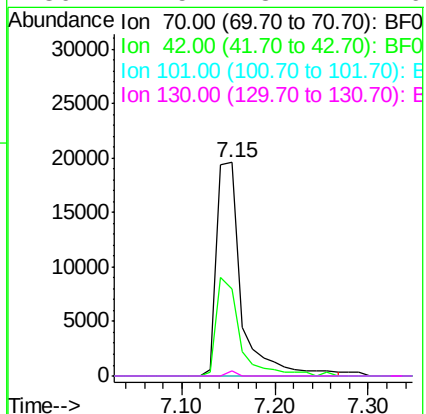
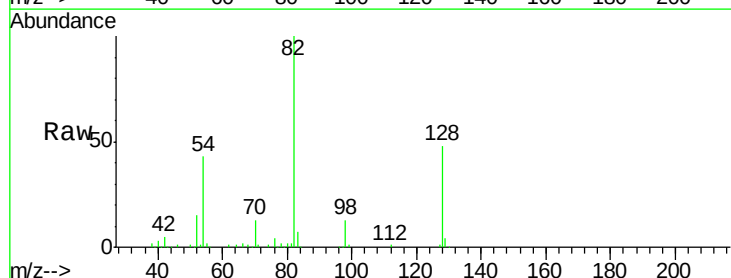
Ion Ratio Lower Upper

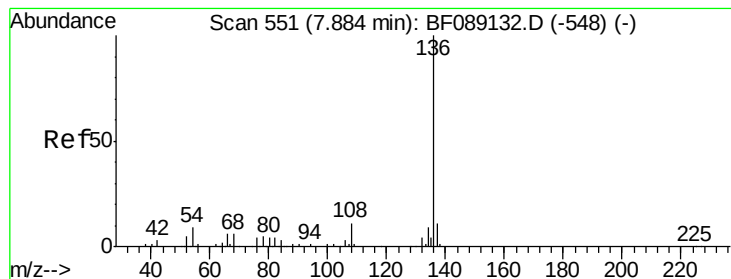
70 100

42 40.5 39.2 58.8

101 0.0 8.5 12.7#

130 2.5 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: BF089229.D

Acq: 23 Jul 2016 10:56

Instrument :

BNA_F

ClientSampleId :

GW-03-6.0-14.0

Tgt Ion:136 Resp: 202160

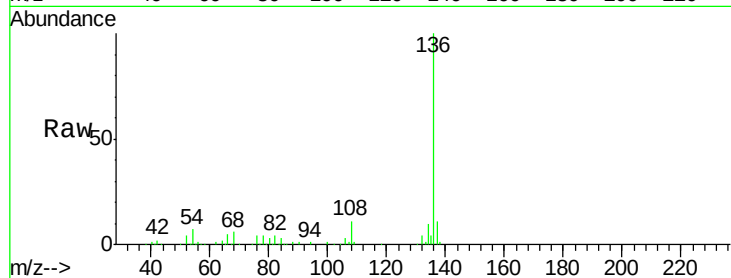
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.2 7.0 10.4

68 5.7 5.0 7.6

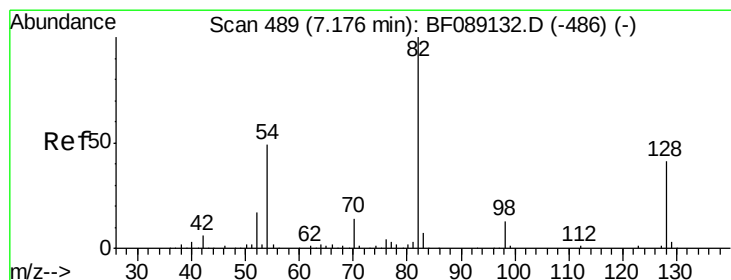
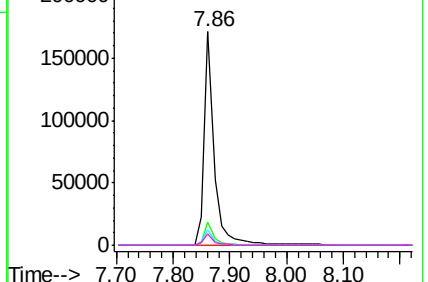
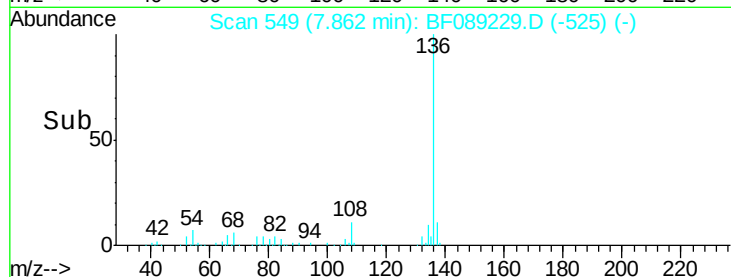


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.69 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089229.D

Acq: 23 Jul 2016 10:56

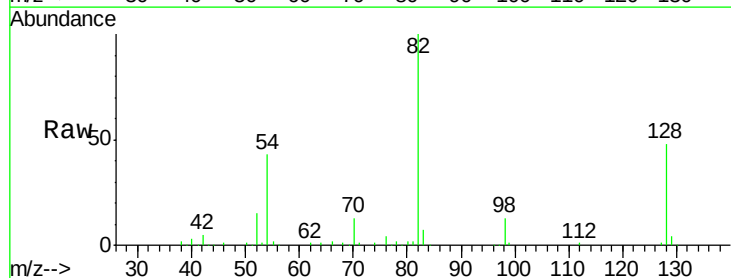
Tgt Ion: 82 Resp: 272762

Ion Ratio Lower Upper

82 100

128 48.4 33.0 49.6

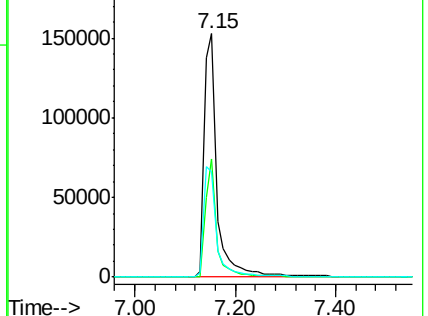
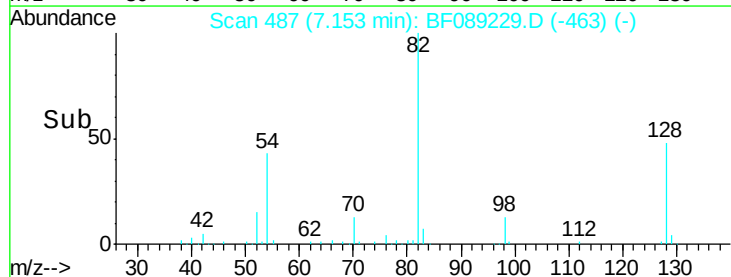
54 43.2 39.0 58.4

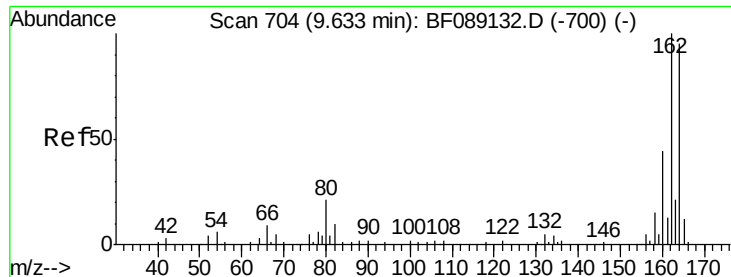


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

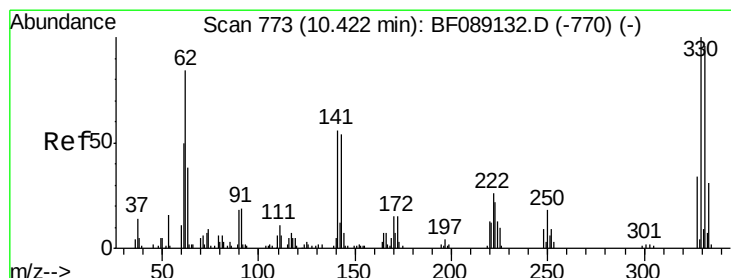
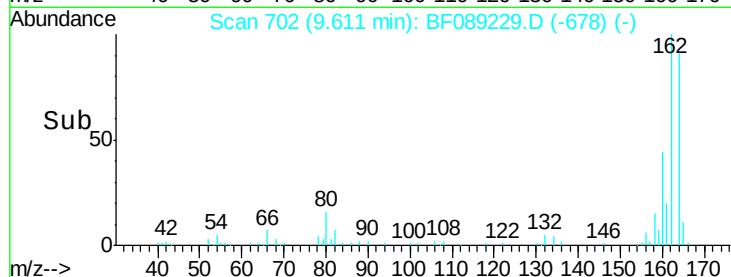
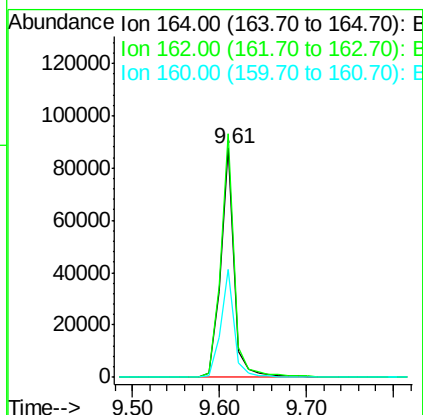
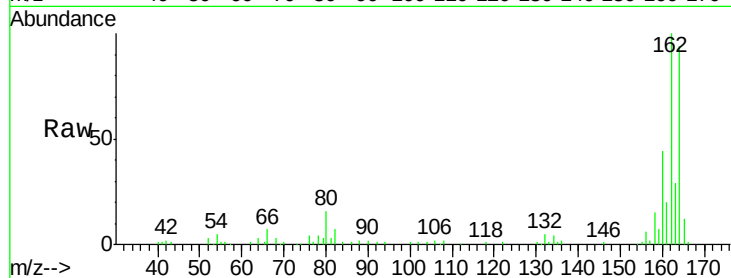




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

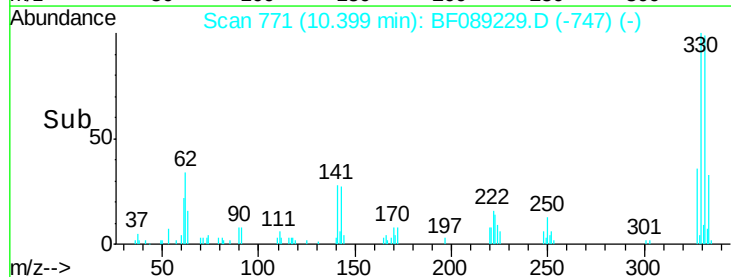
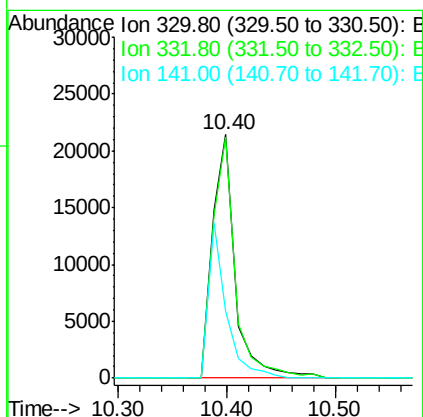
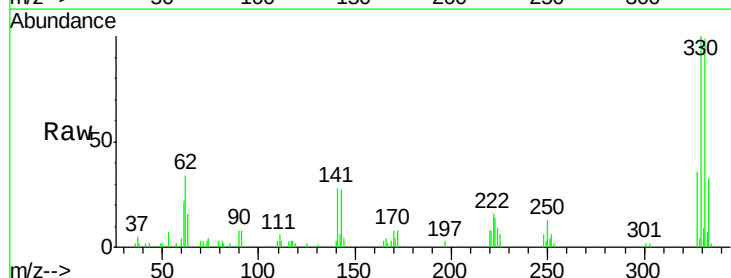
Instrument :
 BNA_F
 ClientSampleId :
 GW-03-6.0-14.0

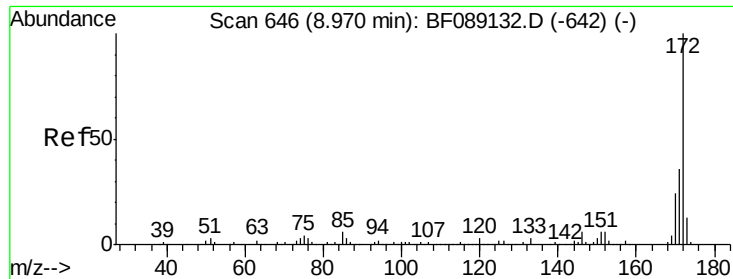
Tgt Ion:164 Resp: 96289
 Ion Ratio Lower Upper
 164 100
 162 106.3 84.1 126.1
 160 47.1 37.1 55.7



#41
 2,4,6-Tribromophenol
 Concen: 36.14 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

Tgt Ion:330 Resp: 31334
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.2 115.8
 141 50.6 42.2 63.2

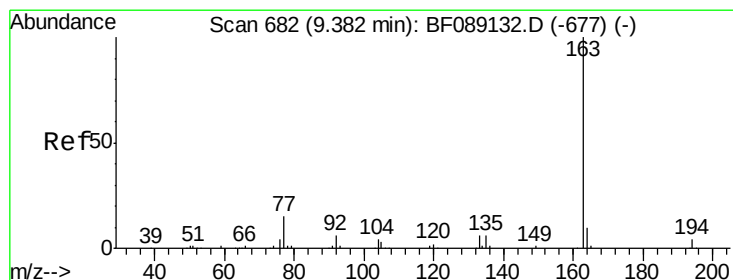
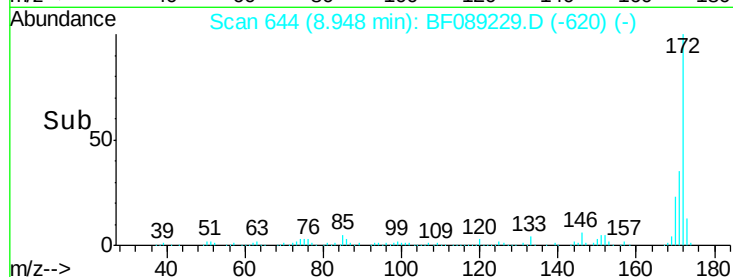
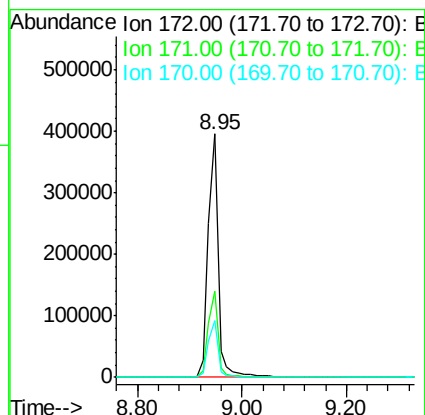
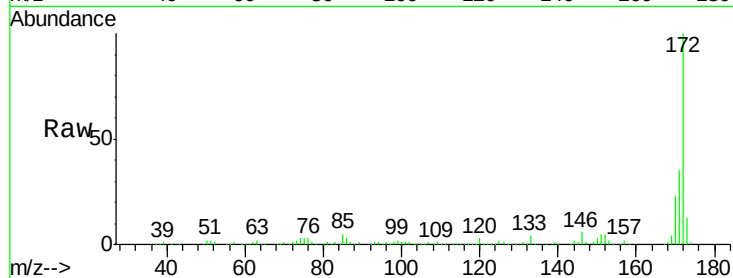




#44
 2-Fluorobiphenyl
 Concen: 76.15 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

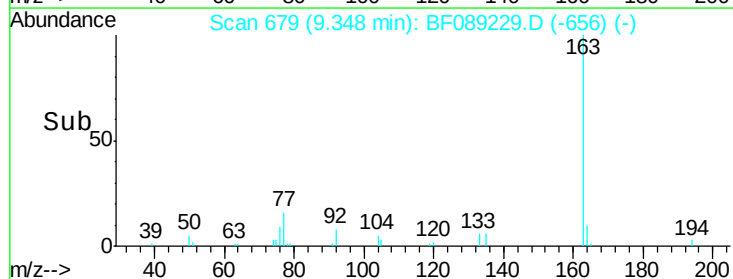
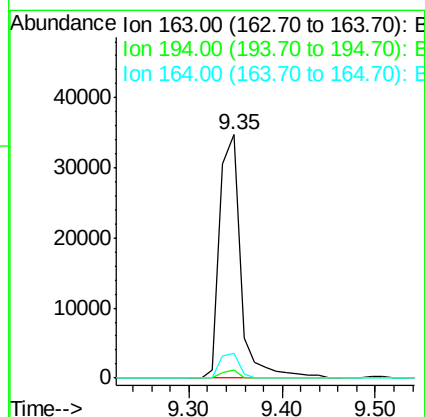
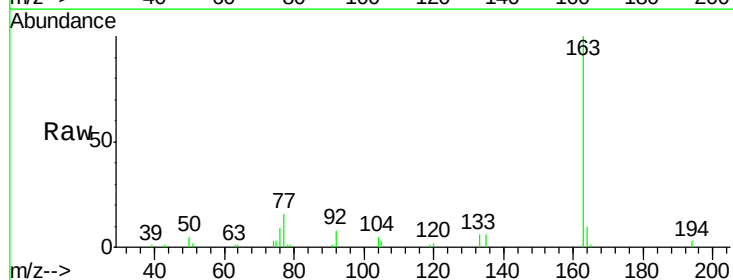
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 GW-03-6.0-14.0

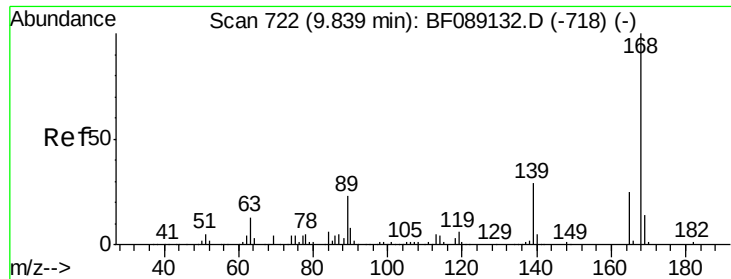
Tgt Ion:172 Resp: 532177
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 23.1 19.1 28.7



#49
 Dimethylphthalate
 Concen: 7.32 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

Tgt Ion:163 Resp: 54065
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.9 4.3
 164 10.3 7.6 11.4

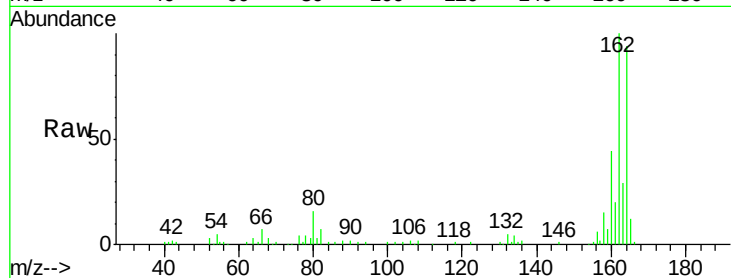




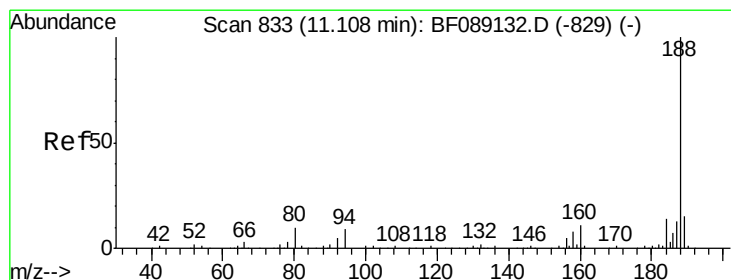
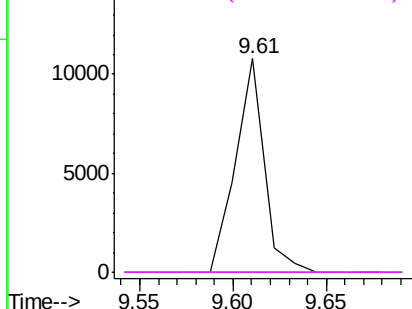
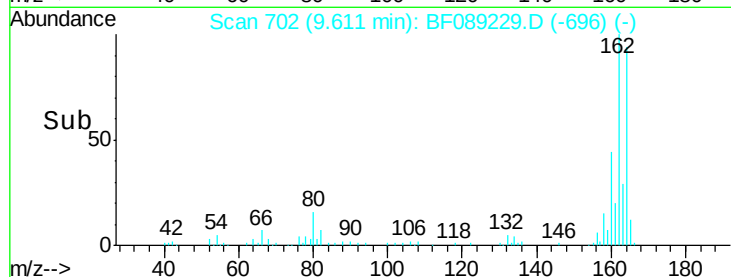
#56
 2,4-Dinitrotoluene
 Concen: 5.41 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-03-6.0-14.0

Tgt Ion:165 Resp: 11627
 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#

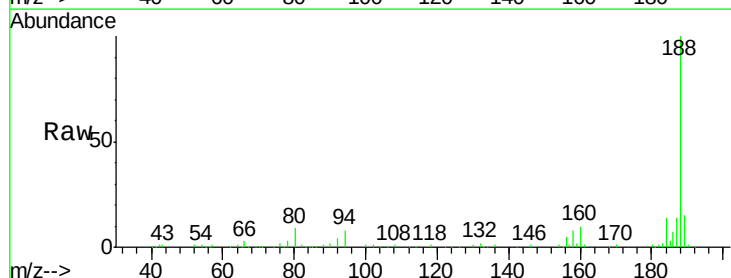


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

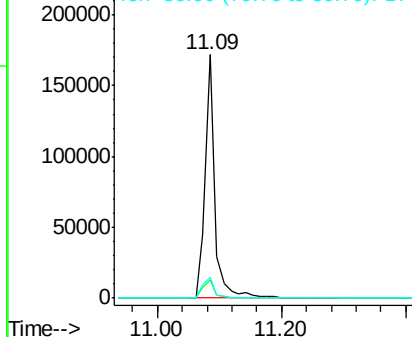
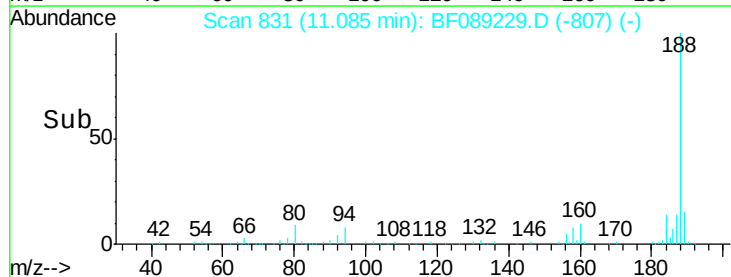


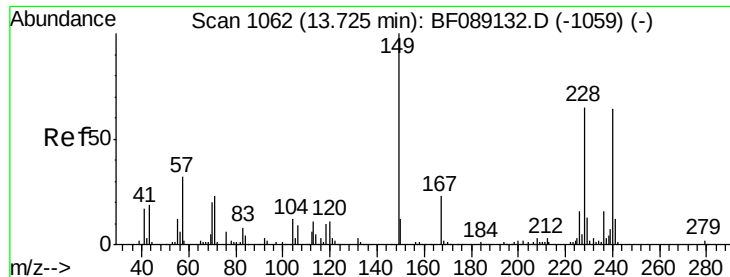
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089229.D
 Acq: 23 Jul 2016 10:56

Tgt Ion:188 Resp: 189347
 Ion Ratio Lower Upper
 188 100
 94 7.6 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089229.D

Acq: 23 Jul 2016 10:56

Instrument :

BNA_F

ClientSampleId :

GW-03-6.0-14.0

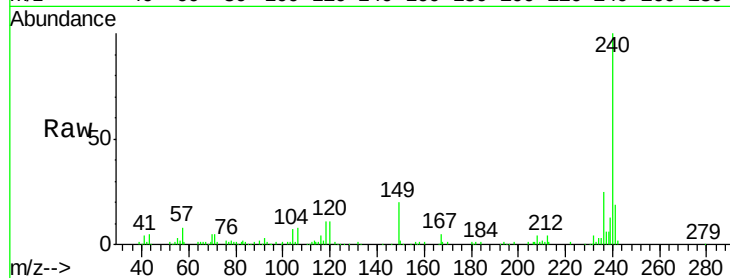
Tgt Ion:240 Resp: 137972

Ion Ratio Lower Upper

240 100

120 11.4 13.6 20.4#

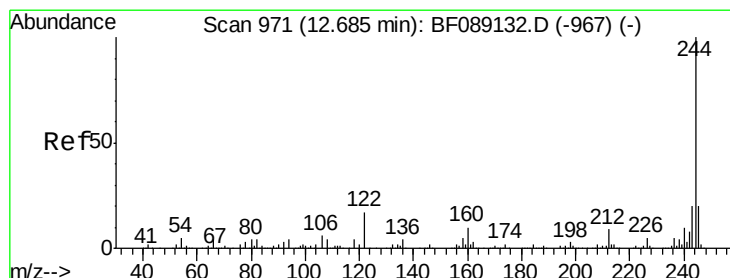
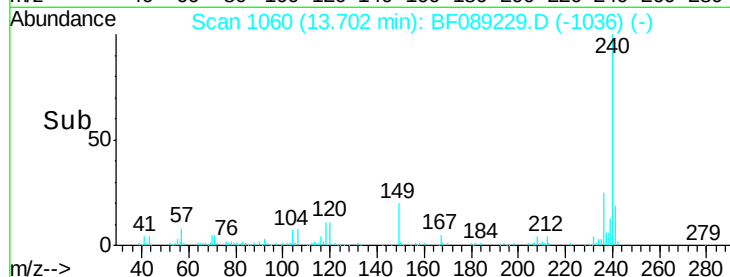
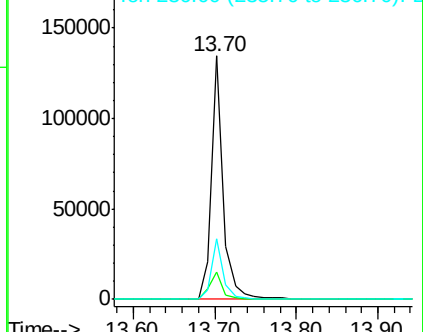
236 25.0 20.5 30.7



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: 75.70 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089229.D

Acq: 23 Jul 2016 10:56

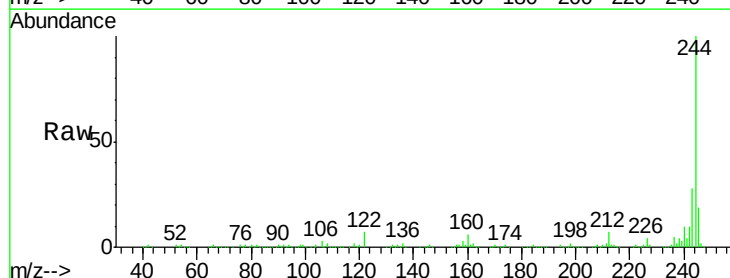
Tgt Ion:244 Resp: 481567

Ion Ratio Lower Upper

244 100

212 6.9 7.0 10.4#

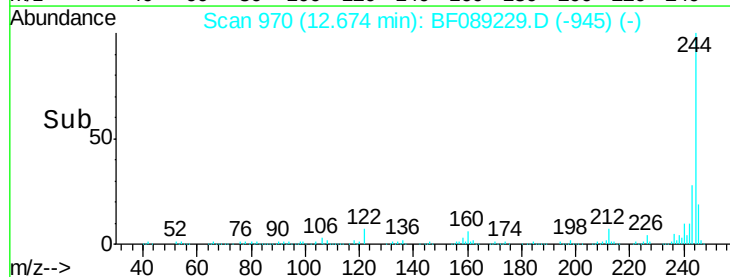
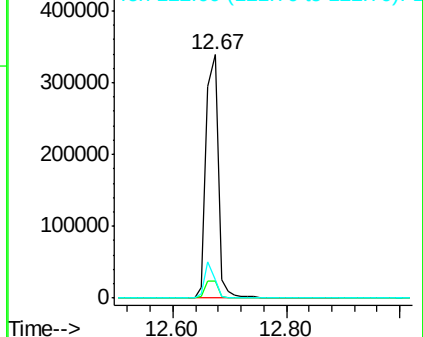
122 7.5 13.8 20.8#

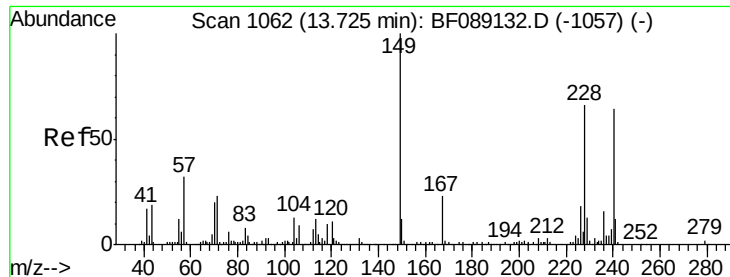


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.92 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089229.D

Acq: 23 Jul 2016 10:56

Instrument :

BNA_F

ClientSampleId :

GW-03-6.0-14.0

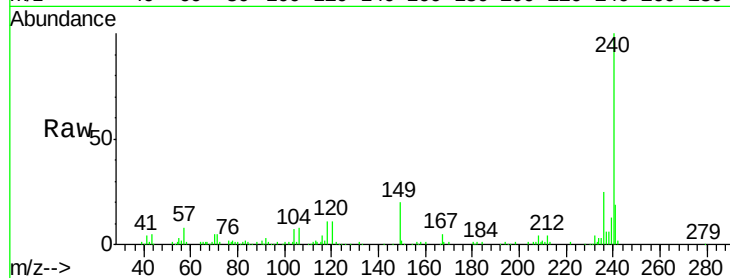
Tgt Ion:149 Resp: 37819

Ion Ratio Lower Upper

149 100

167 23.3 18.6 28.0

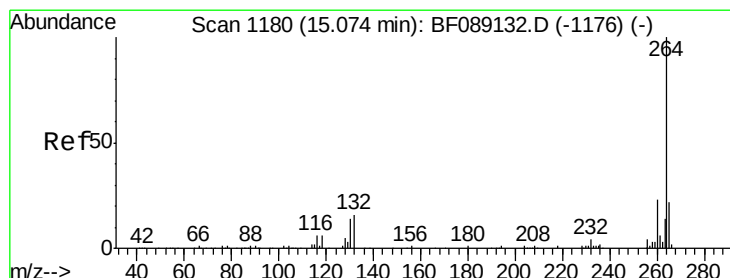
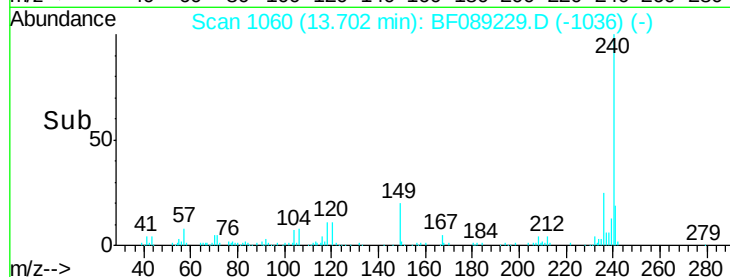
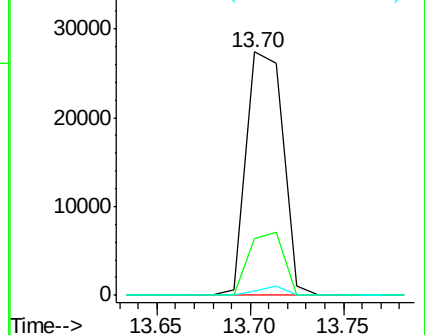
279 1.7 1.6 2.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF089229.D

Acq: 23 Jul 2016 10:56

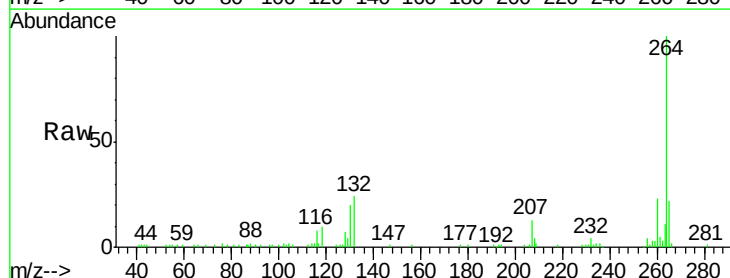
Tgt Ion:264 Resp: 100304

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.1 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

