

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061017\
 Data File : BG027369.D
 Acq On : 10 Jun 2017 13:10
 Operator : SJ/MA
 Sample : I3566-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 12 01:05:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

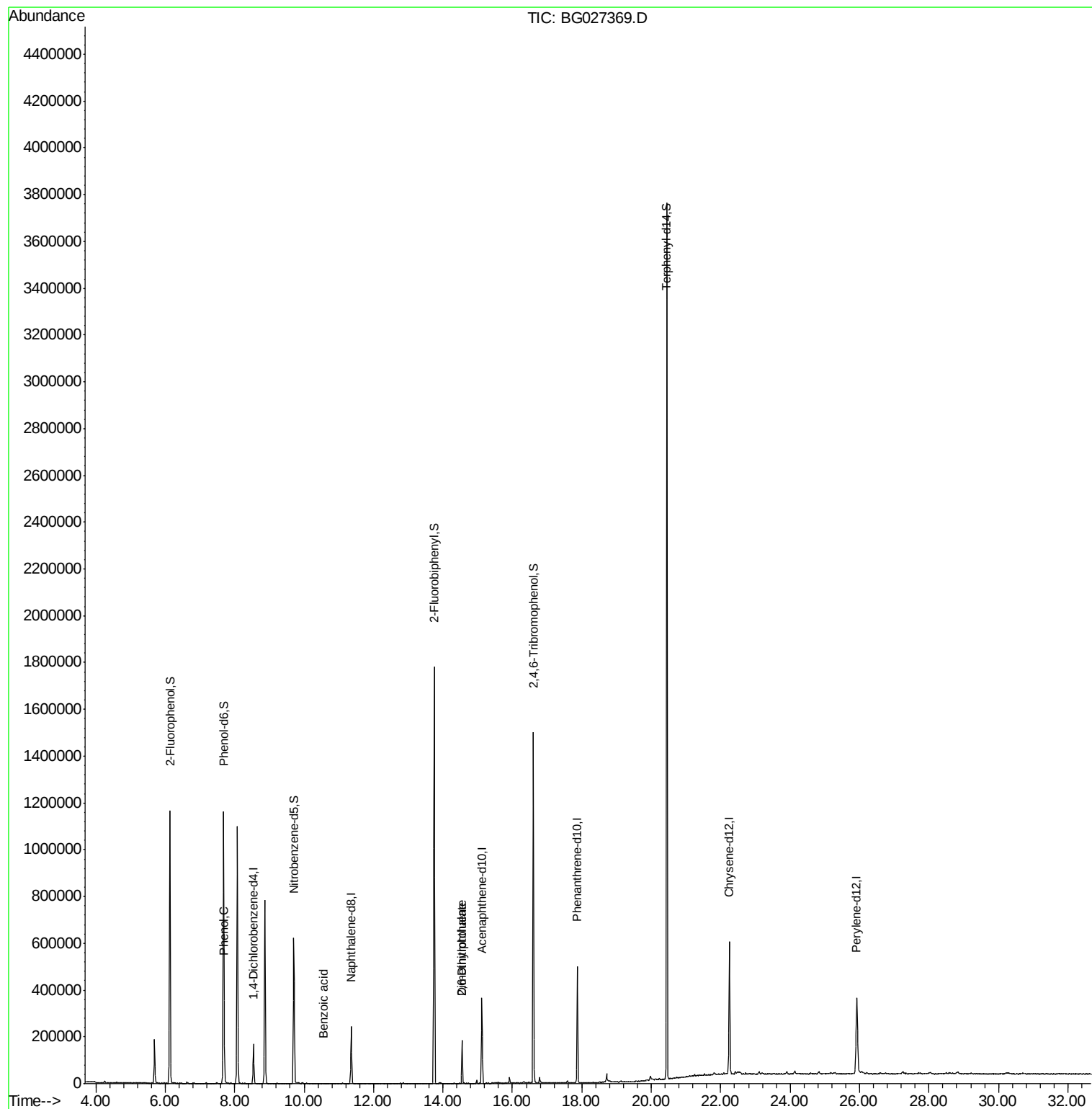
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	48569	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	210360	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	125221	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	313535	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	383788	20.00	ng	-0.06
86) Perylene-d12	25.92	264	363742	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	543374	170.72	ng	-0.02
7) Phenol-d6	7.68	99	751269	160.80	ng	-0.02
23) Nitrobenzene-d5	9.70	82	410447	122.71	ng	-0.04
41) 2,4,6-Tribromophenol	16.61	330	312502	189.52	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	908728	101.52	ng	-0.04
78) Terphenyl-d14	20.45	244	1638234	108.89	ng	-0.04
Target Compounds						
10) Phenol	7.71	94	19491	4.08	ng	Qvalue 95
32) Benzoic acid	10.55	122	124	8.07	ng	# 59
49) Dimethylphthalate	14.55	163	116666	11.74	ng	# 95
50) 2,6-Dinitrotoluene	14.55	165	1248	6.16	ng	# 32

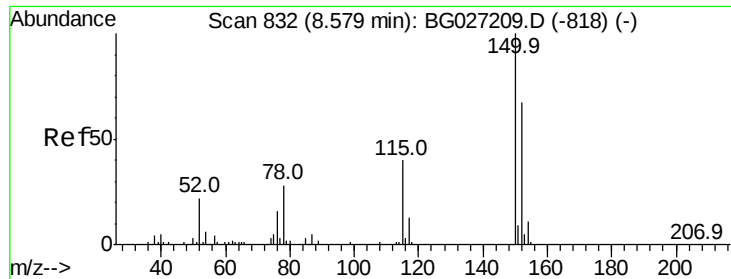
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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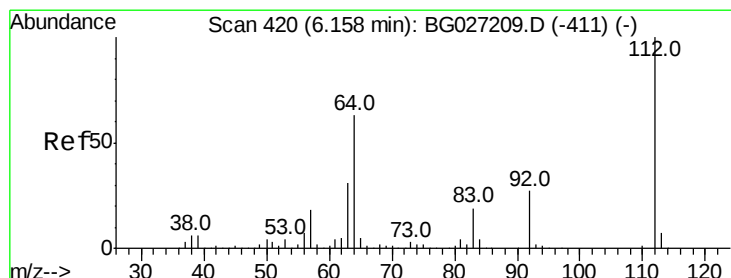
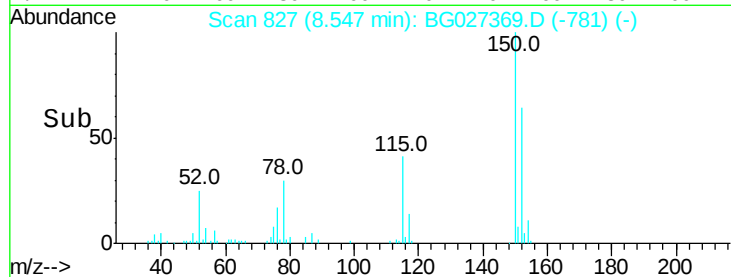
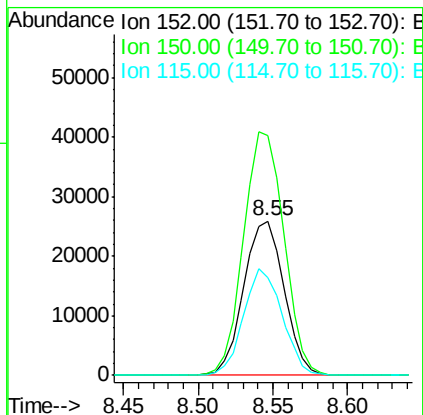
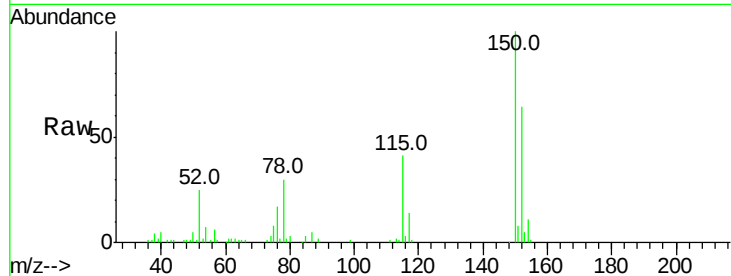


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027369.D
Acq: 10 Jun 2017 13:10

Instrument :
BNA_G
ClientSampled :

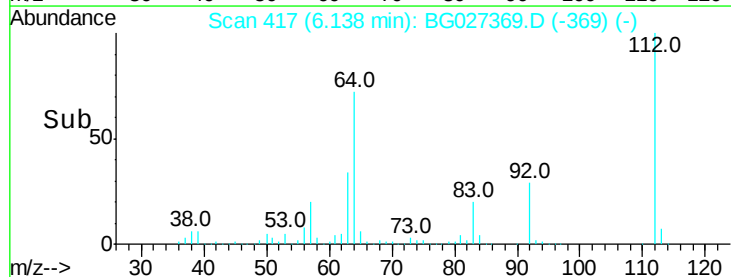
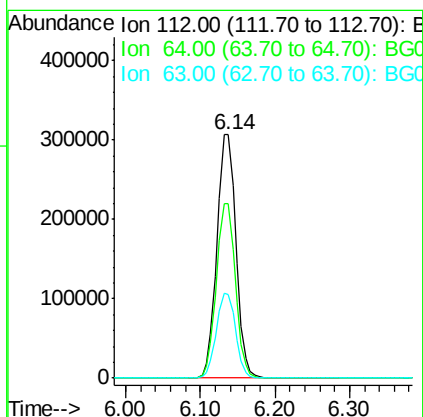
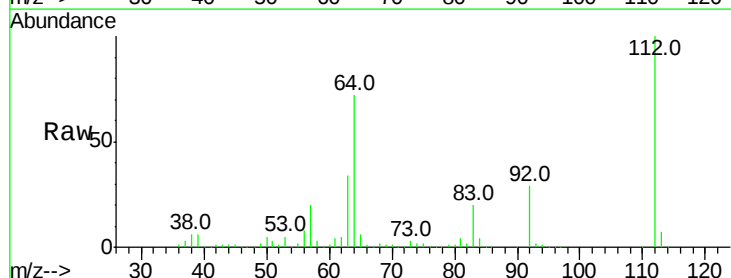
Tot Ion:152 Resp: 48569
Ion Ratio Lower Upper
152 100
150 155.4 114.0 171.0
115 63.2 48.1 72.1



#5

2-Fluorophenol
Concen: 170.72 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027369.D
Acq: 10 Jun 2017 13:10

Tgt Ion:112 Resp: 543374
Ion Ratio Lower Upper
112 100
64 71.5 61.8 92.6
63 34.4 37.2 55.8#





#7

Phenol-d6

Concen: 160.80 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_G

ClientSampled :

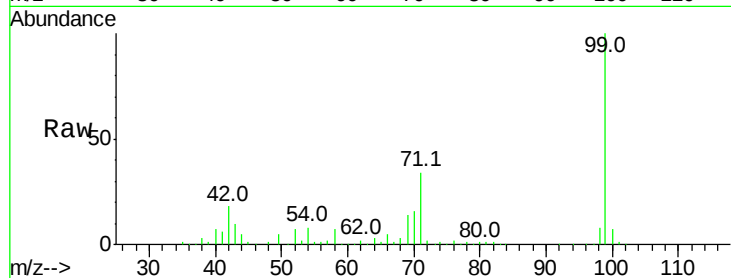
Tot Ion: 99 Resp: 751269

Ion Ratio Lower Upper

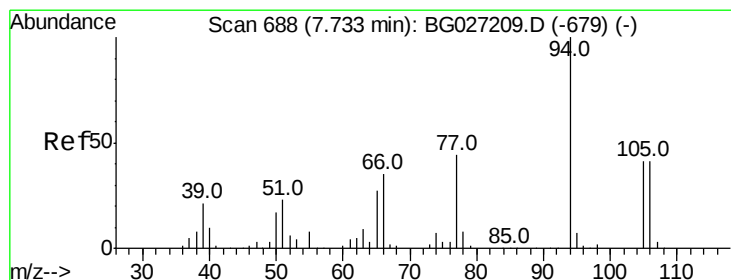
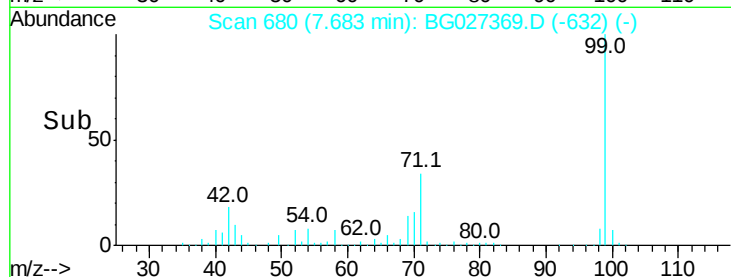
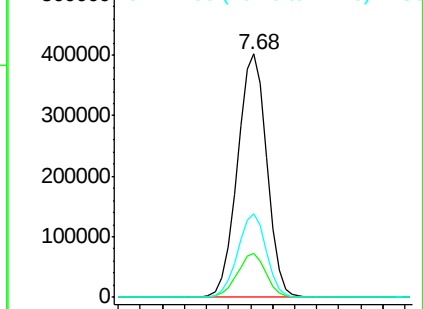
99 100

42 17.8 20.5 30.7#

71 34.1 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 4.08 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.03 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

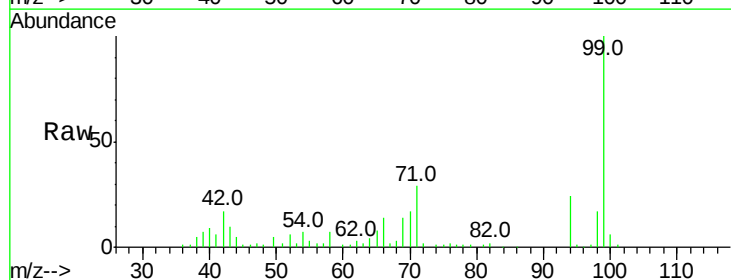
Tgt Ion: 94 Resp: 19491

Ion Ratio Lower Upper

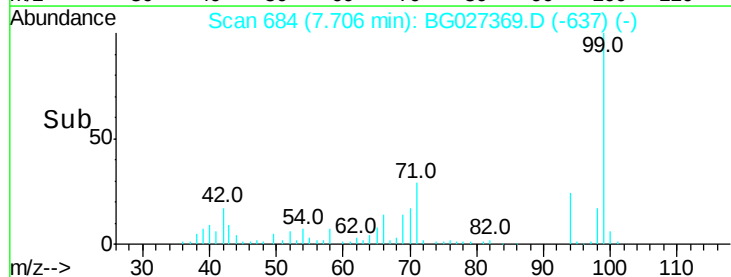
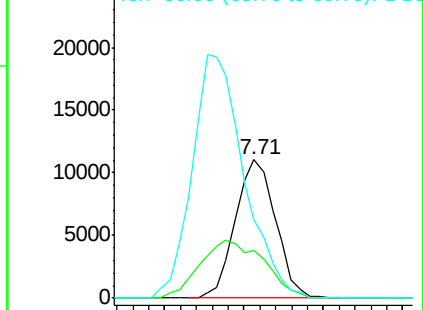
94 100

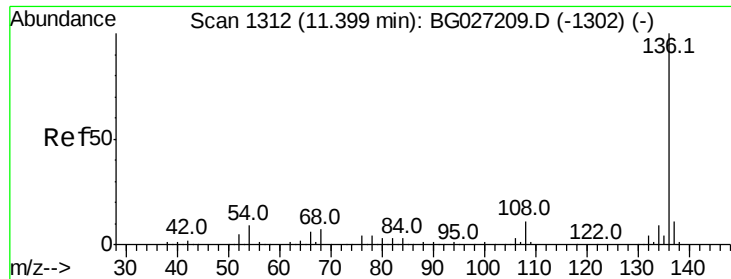
65 34.6 20.6 60.6

66 56.8 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

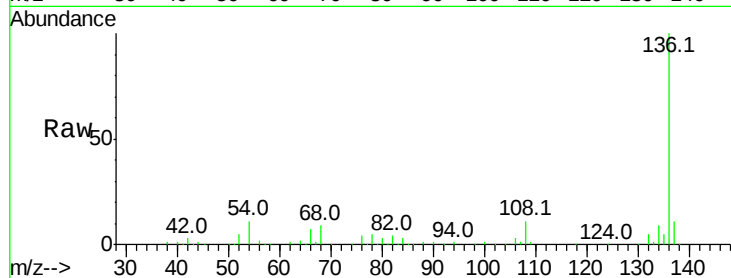




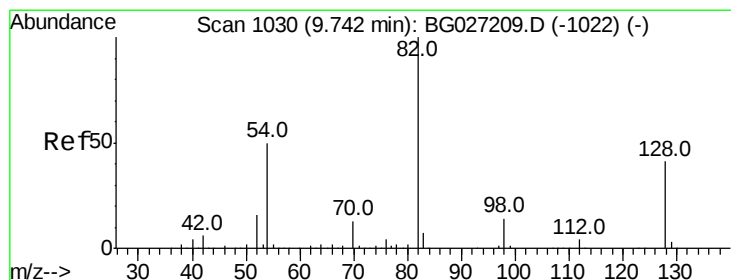
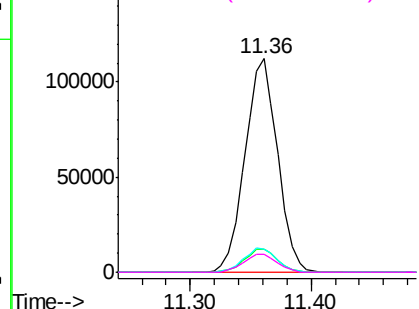
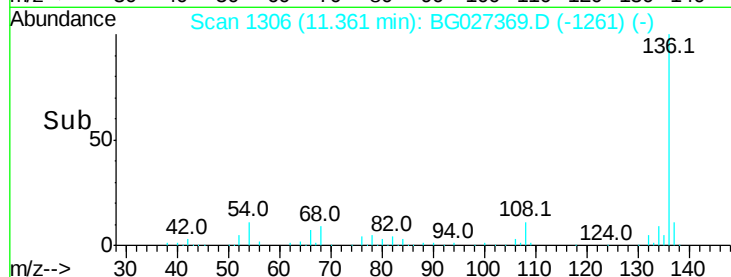
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BG027369.D
Acq: 10 Jun 2017 13:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	210360
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	10.9	9.3 13.9
68	8.6	5.1 7.7#

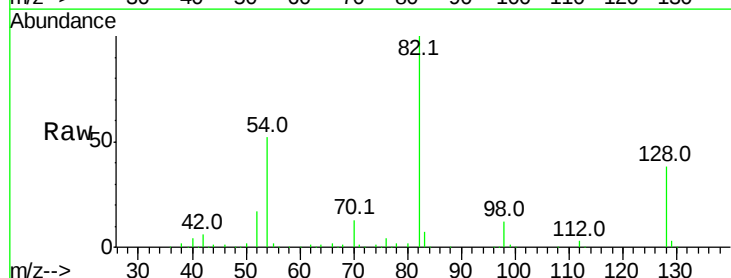


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

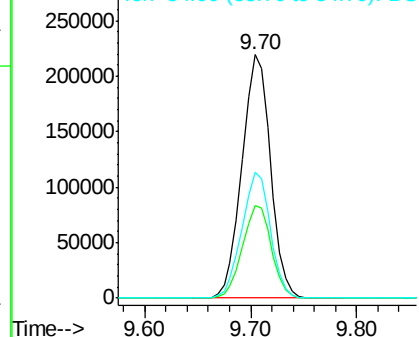
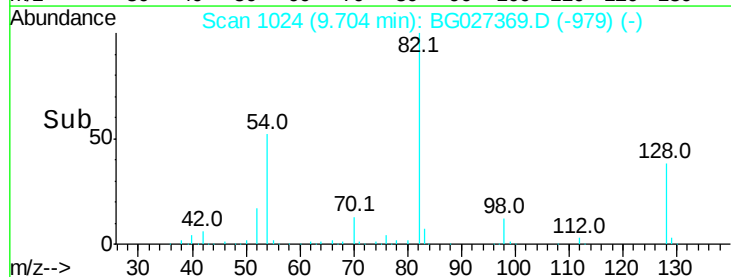


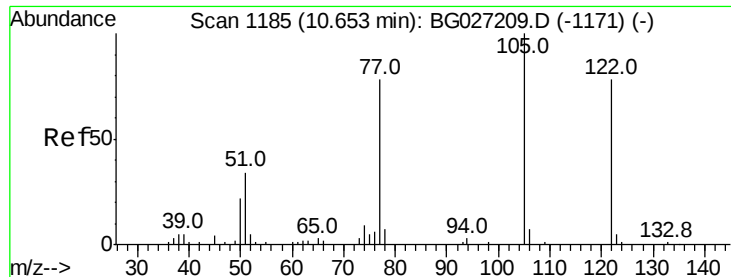
#23
Nitrobenzene-d5
Concen: 122.71 ng
RT: 9.70 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027369.D
Acq: 10 Jun 2017 13:10

Tgt Ion: 82	Resp:	410447
Ion Ratio	Lower	Upper
82	100	
128	38.0	26.4 39.6
54	52.0	49.4 74.2



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





#32

Benzoic acid

Concen: 8.07 ng

RT: 10.55 min Scan# 1168

Delta R.T. -0.10 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_G

ClientSampled :

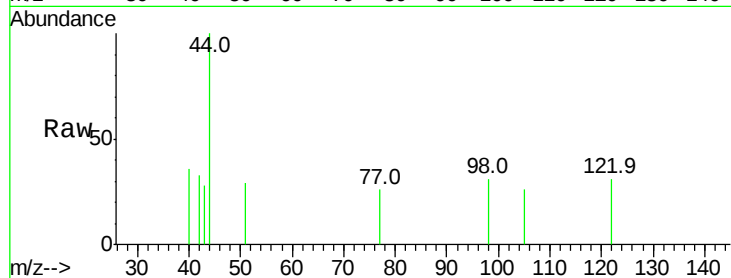
Tot Ion:122 Resp: 124

Ion Ratio Lower Upper

122 100

105 83.7 120.1 160.1#

77 84.2 104.6 144.6#

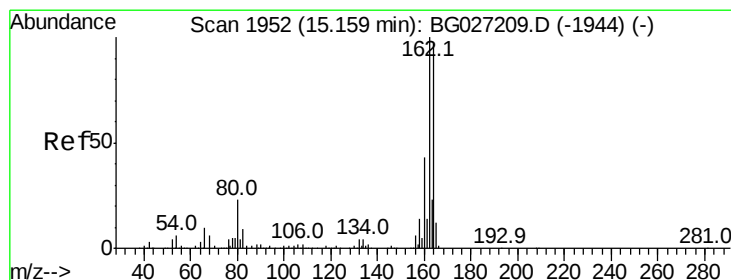
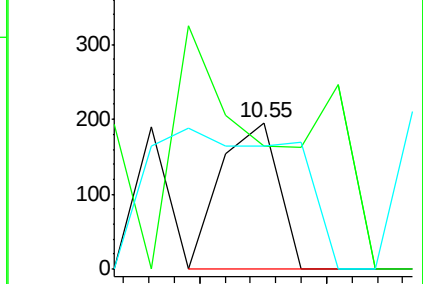
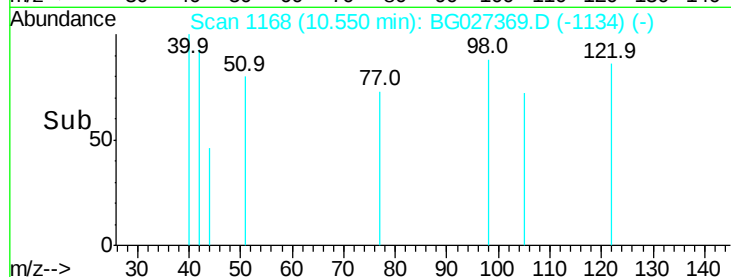


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.12 min Scan# 1946

Delta R.T. -0.04 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

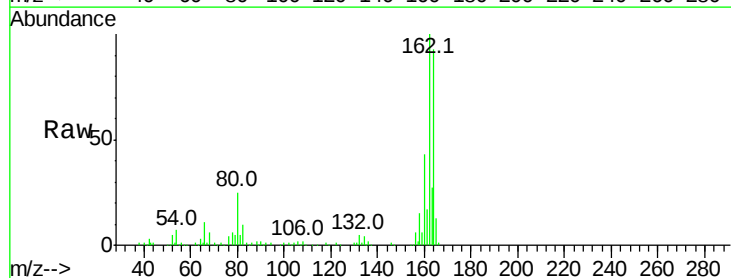
Tgt Ion:164 Resp: 125221

Ion Ratio Lower Upper

164 100

162 107.2 85.1 127.7

160 45.8 34.7 52.1

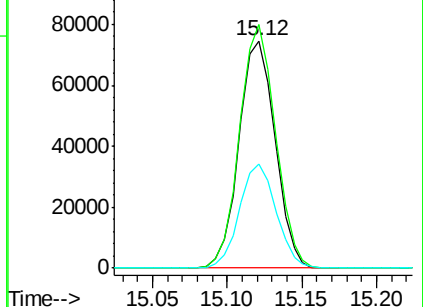
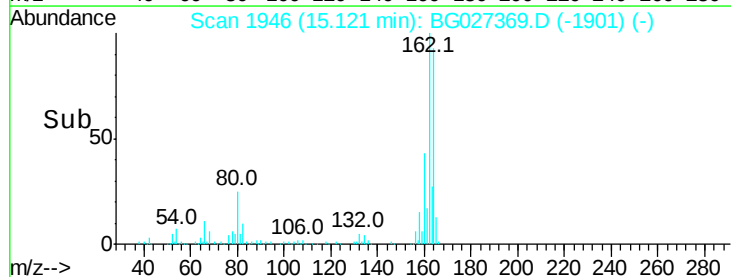


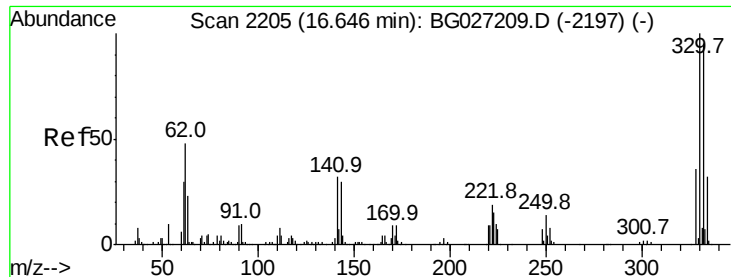
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

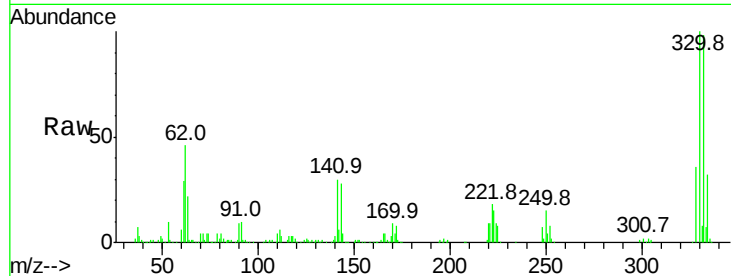




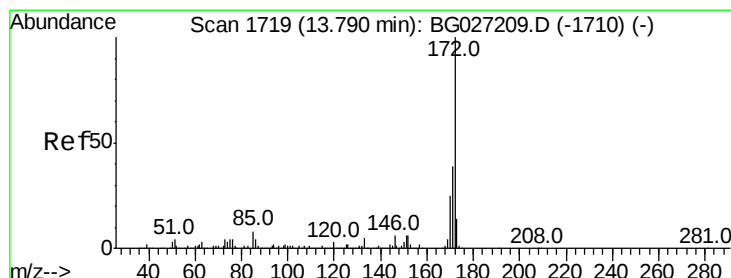
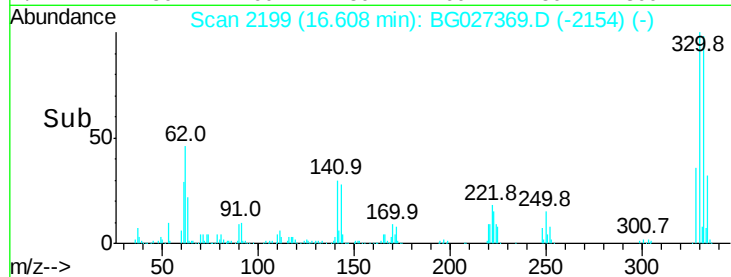
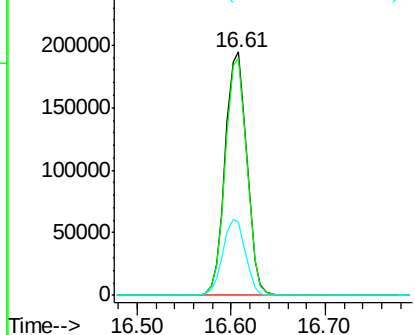
#41
 2,4,6-Tribromophenol
 Concen: 189.52 ng
 RT: 16.61 min Scan# 2199
 Delta R.T. -0.04 min
 Lab File: BG027369.D
 Acq: 10 Jun 2017 13:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 312502
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 32.6 32.1 48.1

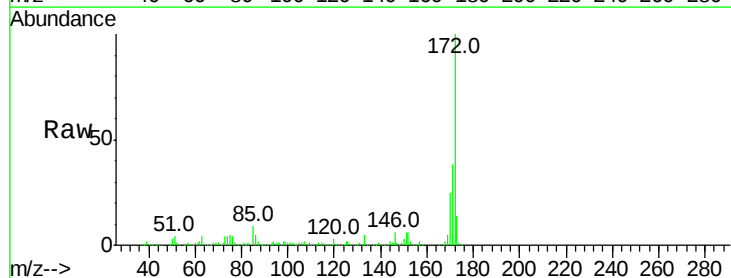


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

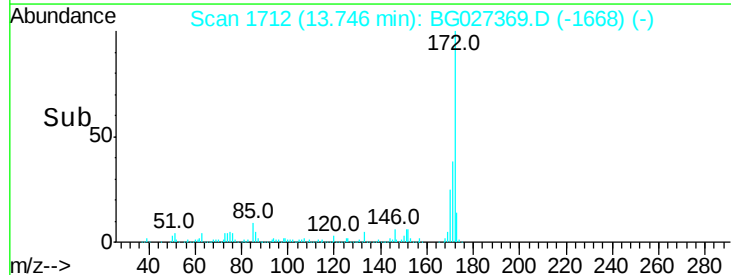
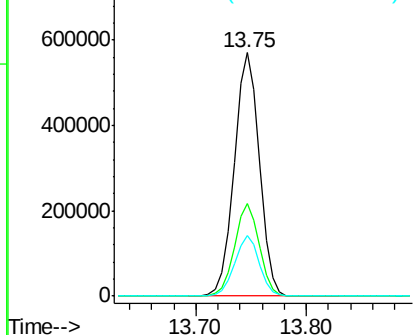


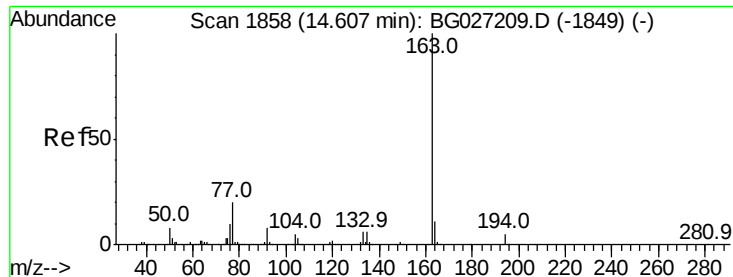
#44
 2-Fluorobiphenyl
 Concen: 101.52 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027369.D
 Acq: 10 Jun 2017 13:10

Tgt Ion:172 Resp: 908728
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.2 48.2
 170 24.7 21.8 32.6



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: 11.74 ng

RT: 14.55 min Scan# 1849

Delta R.T. -0.06 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_G

ClientSampleId :

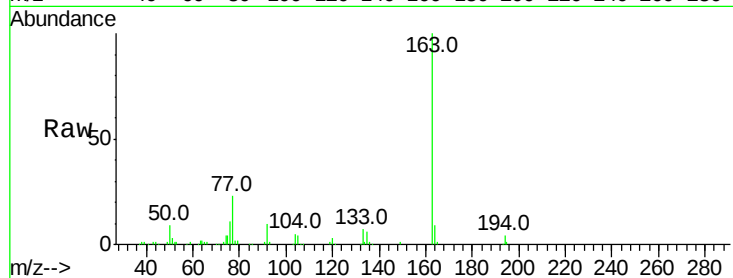
Tot Ion:163 Resp: 116666

Ion Ratio Lower Upper

163 100

194 4.2 3.8 5.6

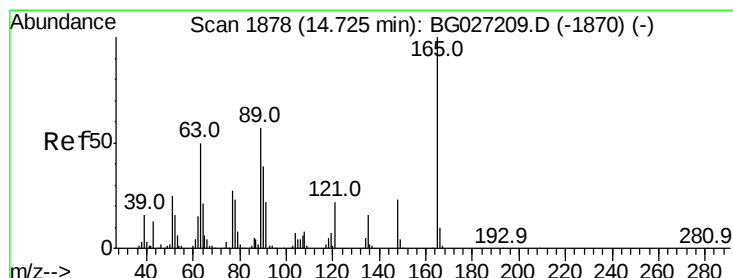
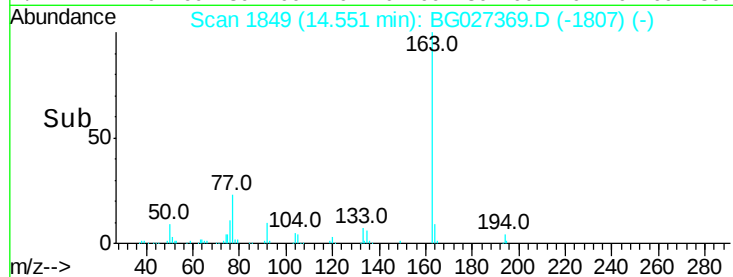
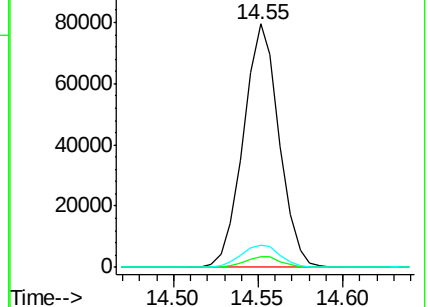
164 9.1 9.3 13.9#



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: 6.16 ng

RT: 14.55 min Scan# 1848

Delta R.T. -0.18 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

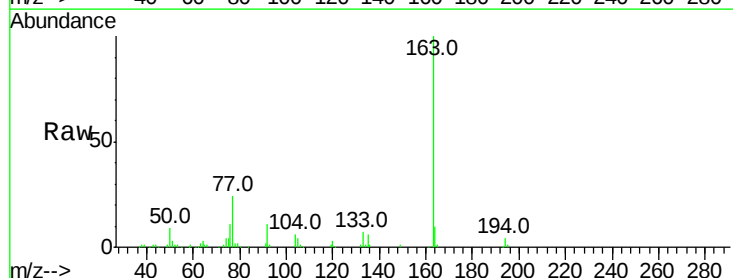
Tgt Ion:165 Resp: 1248

Ion Ratio Lower Upper

165 100

63 124.1 63.9 95.9#

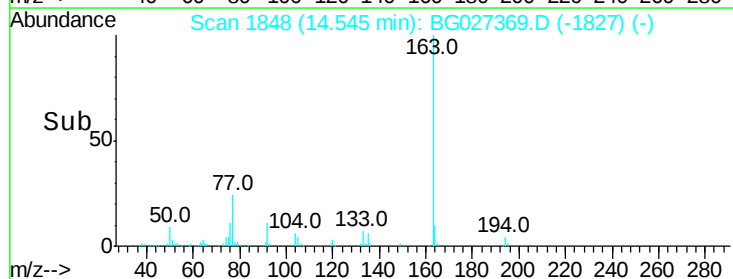
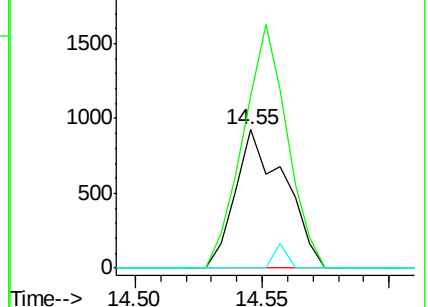
89 0.0 58.6 88.0#

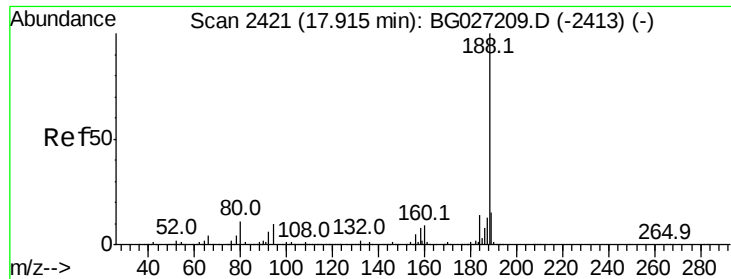


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

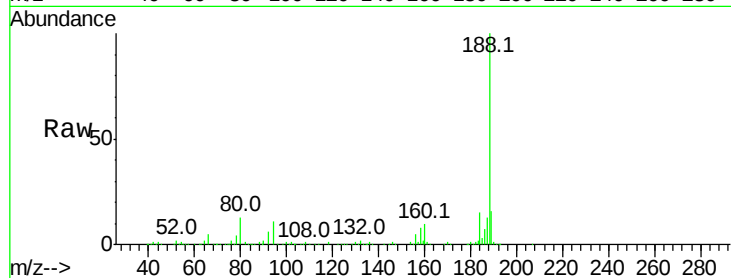




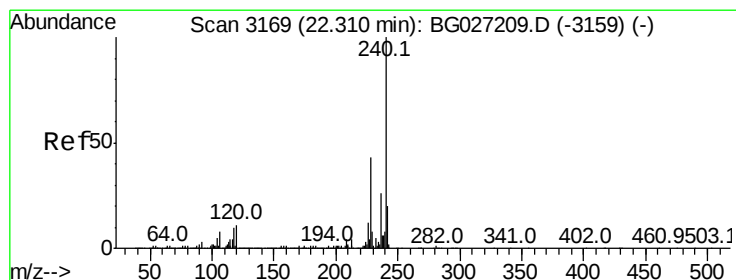
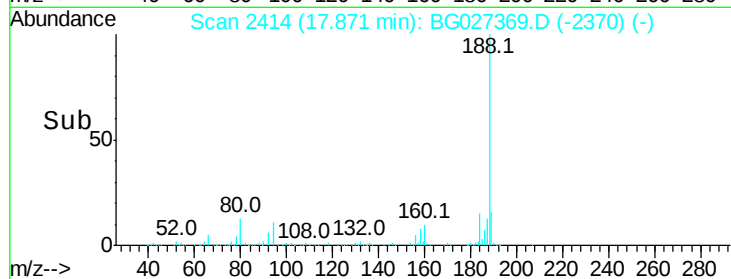
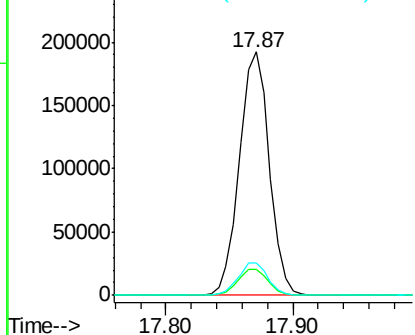
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027369.D
Acq: 10 Jun 2017 13:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 313535
Ion Ratio Lower Upper
188 100
94 10.8 5.8 8.8#
80 13.4 7.5 11.3#

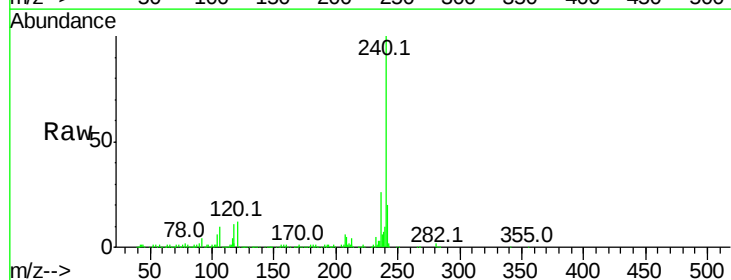


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

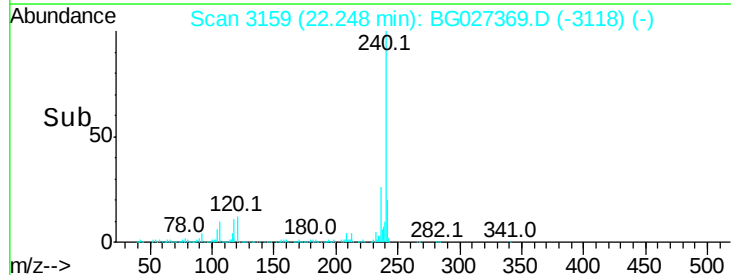
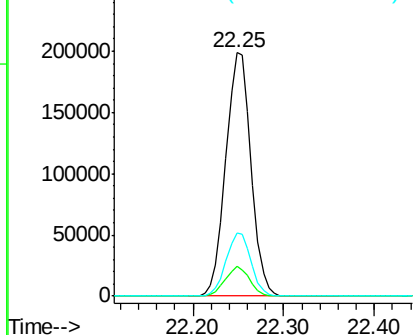


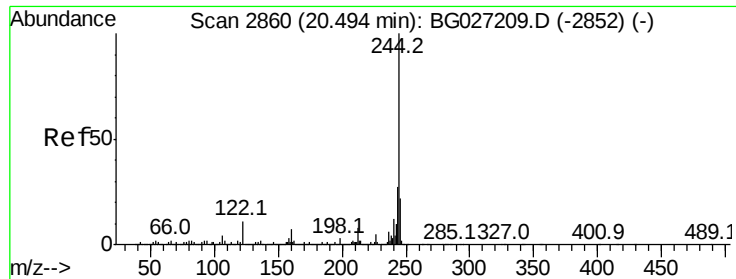
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027369.D
Acq: 10 Jun 2017 13:10

Tgt Ion:240 Resp: 383788
Ion Ratio Lower Upper
240 100
120 12.2 5.7 8.5#
236 26.2 22.2 33.4



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: 108.89 ng

RT: 20.45 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_G

ClientSampleId :

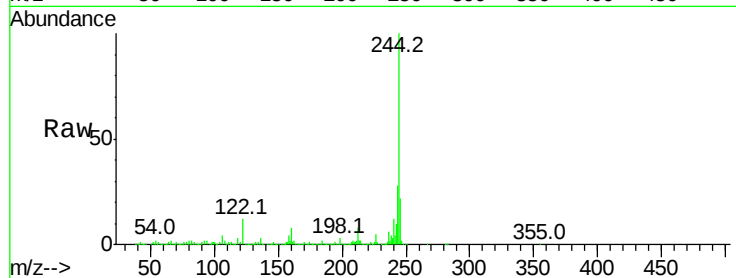
Tot Ion:244 Resp: 1638234

Ion Ratio Lower Upper

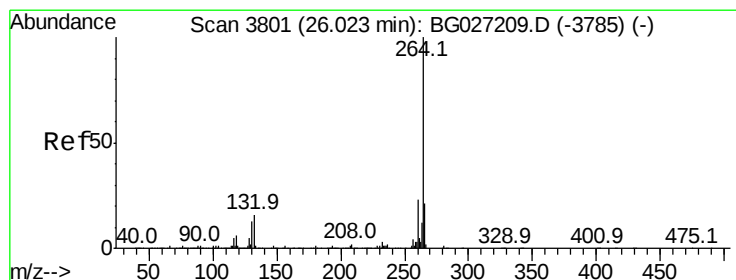
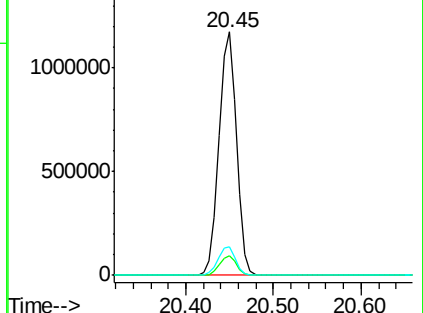
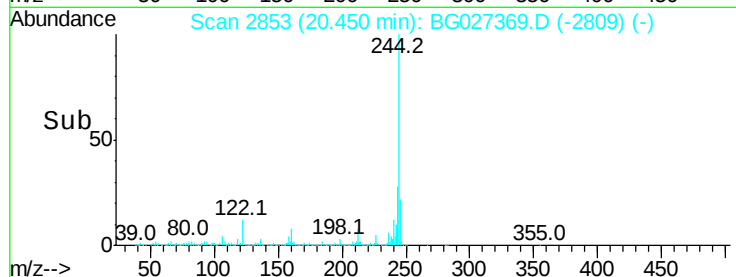
244 100

212 8.2 10.0 15.0#

122 11.9 8.6 12.8



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: 25.92 min Scan# 3784

Delta R.T. -0.10 min

Lab File: BG027369.D

Acq: 10 Jun 2017 13:10

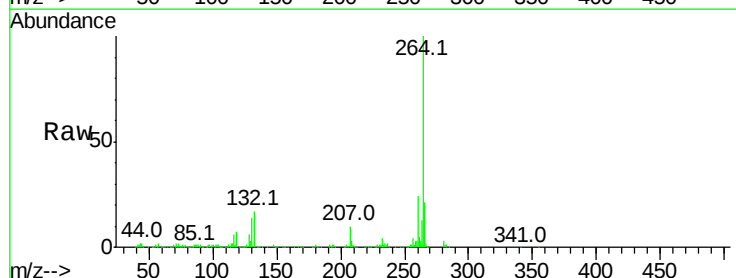
Tgt Ion:264 Resp: 363742

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

265 21.5 18.2 27.4



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

