

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030649.D
 Acq On : 2 Nov 2017 00:31
 Operator : SJ/JU
 Sample : I6204-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 06:01:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

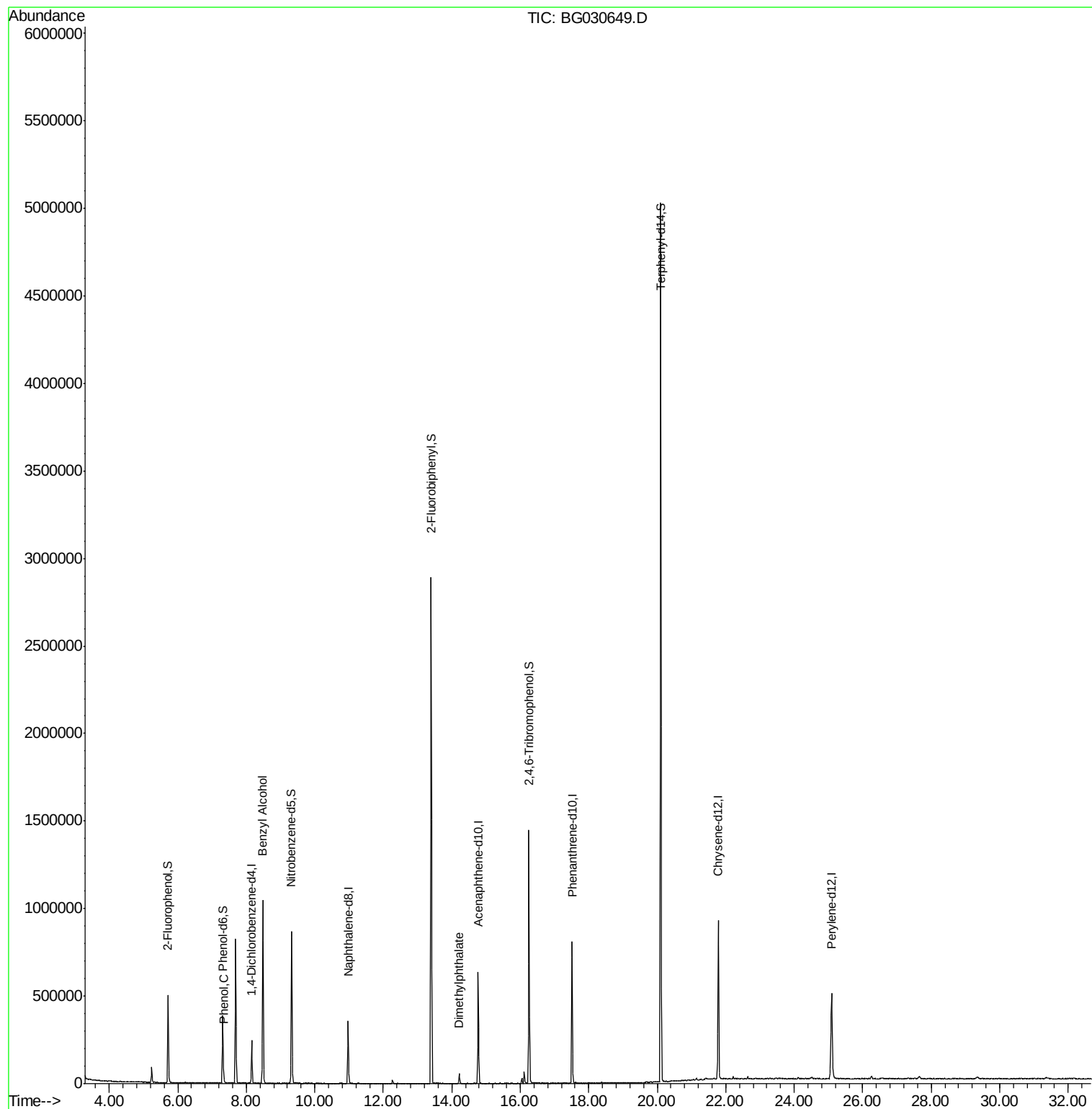
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	68919	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	325521	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	225815	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	508529	20.00	ng	0.00
75) Chrysene-d12	21.78	240	545764	20.00	ng	0.00
86) Perylene-d12	25.09	264	547726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	242631	58.81	ng	0.00
7) Phenol-d6	7.31	99	241695	41.74	ng	0.00
23) Nitrobenzene-d5	9.32	82	540647	105.54	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	301679	103.47	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1520337	98.74	ng	0.00
78) Terphenyl-d14	20.10	244	2307651	96.19	ng	0.00
Target Compounds						
10) Phenol	7.34	94	16891	2.706	ng	92
15) Benzyl Alcohol	8.48	79	8659	2.122	ng	# 33
49) Dimethylphthalate	14.22	163	46874	2.660	ng	97

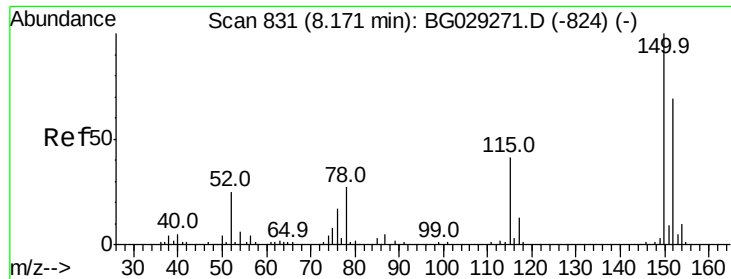
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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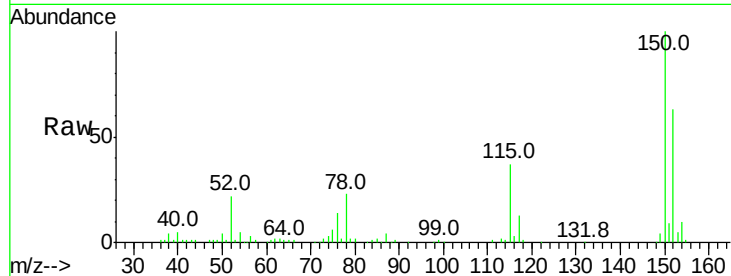


#1

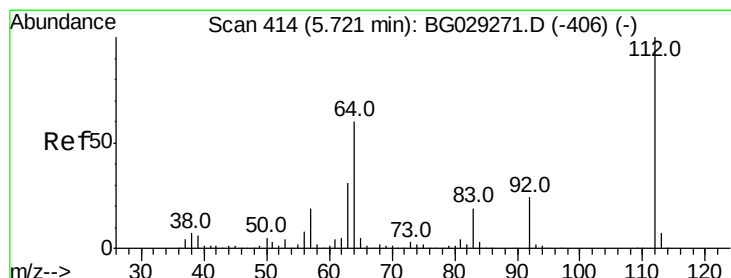
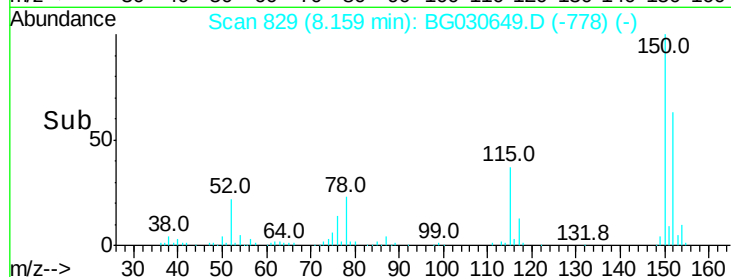
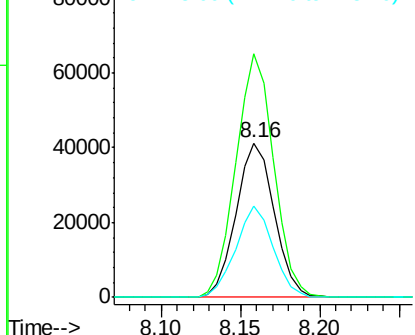
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030649.D
Acq: 2 Nov 2017 00:31

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 68919
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 58.9 53.0 79.4



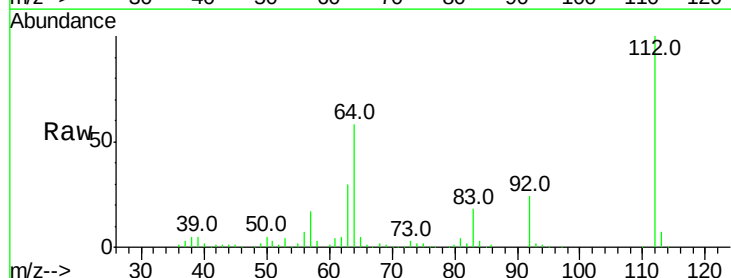
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



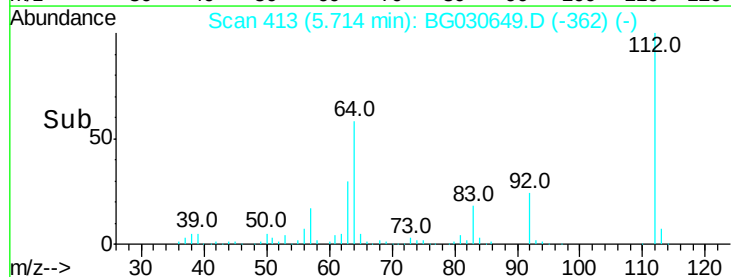
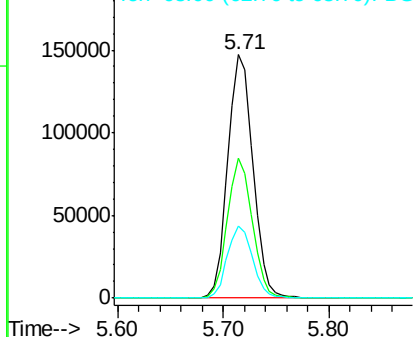
#5

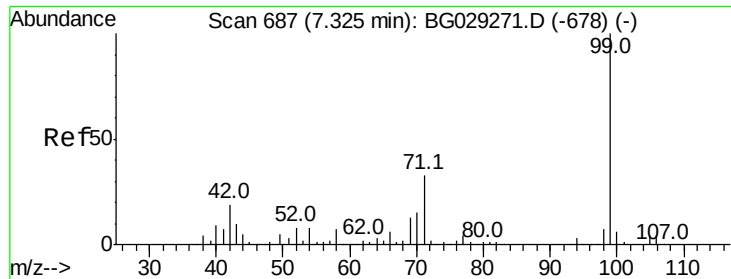
2-Fluorophenol
Concen: 58.812 ng
RT: 5.71 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030649.D
Acq: 2 Nov 2017 00:31

Tgt Ion:112 Resp: 242631
Ion Ratio Lower Upper
112 100
64 57.6 56.3 84.5
63 29.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 41.738 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

Instrument :

BNA_G

ClientSampleId :

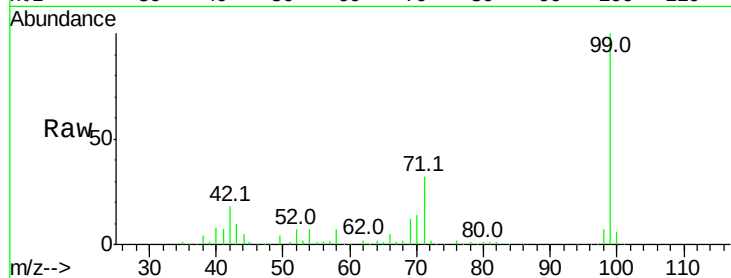
Tot Ion: 99 Resp: 241695

Ion Ratio Lower Upper

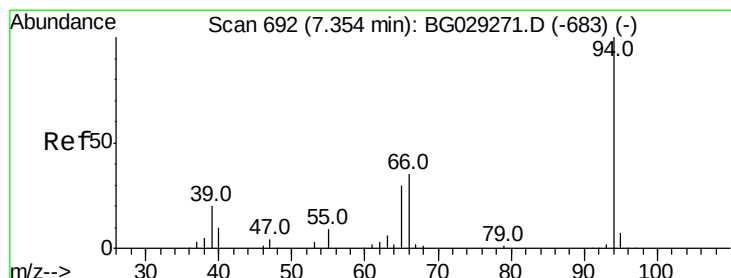
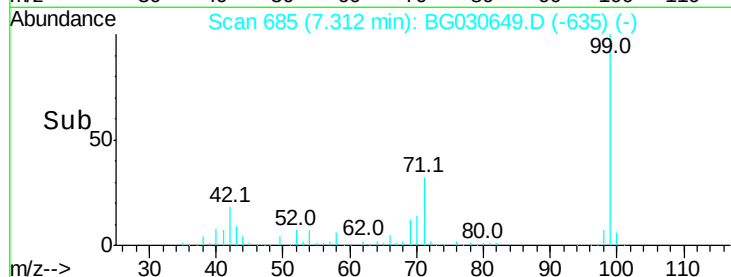
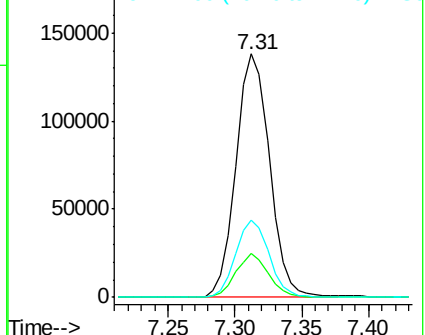
99 100

42 17.8 14.1 21.1

71 31.7 26.1 39.1



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: 2.706 ng

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

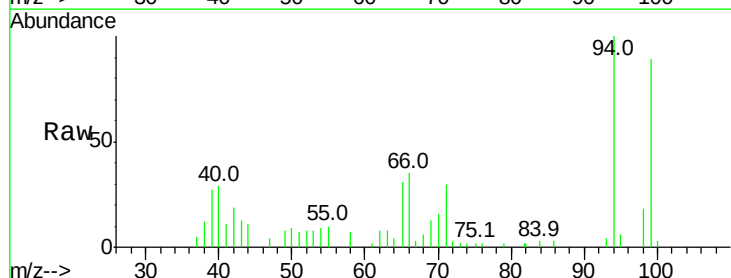
Tgt Ion: 94 Resp: 16891

Ion Ratio Lower Upper

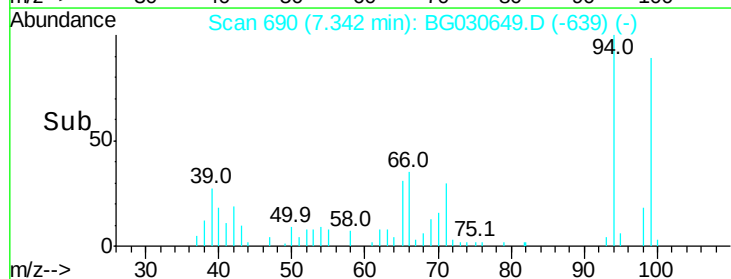
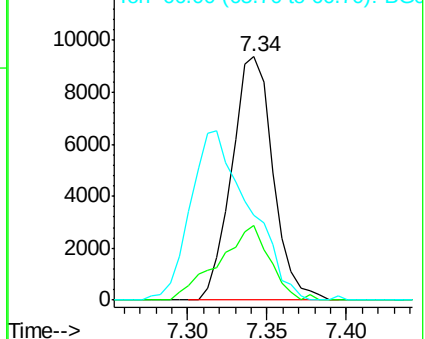
94 100

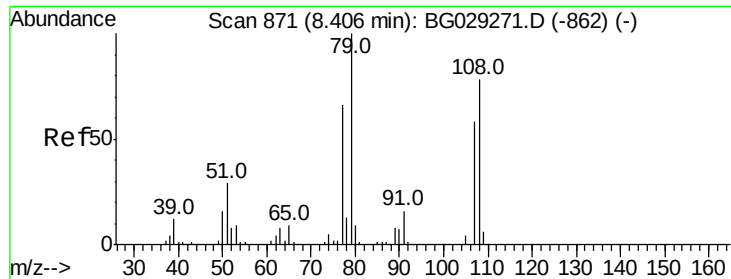
65 30.6 11.9 51.9

66 34.6 22.2 62.2



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





#15

Benzyl Alcohol

Concen: 2.122 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.09 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

Instrument :

BNA_G

ClientSampleId :

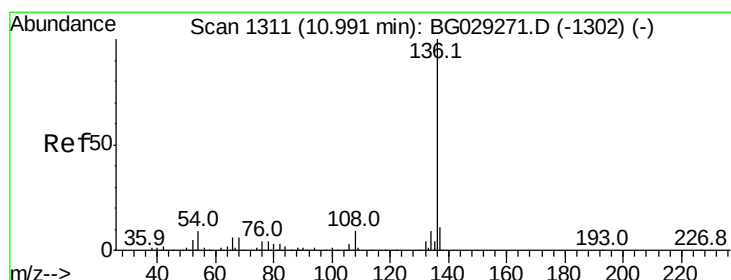
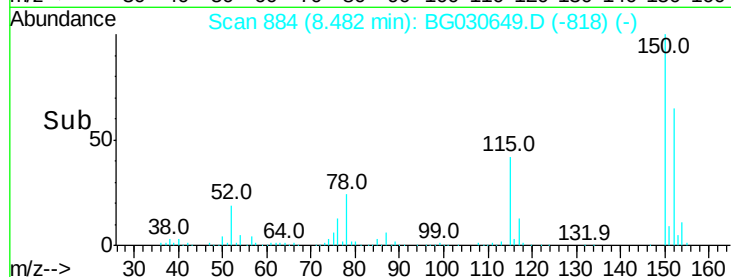
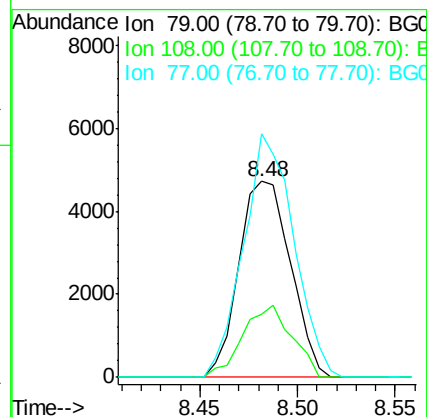
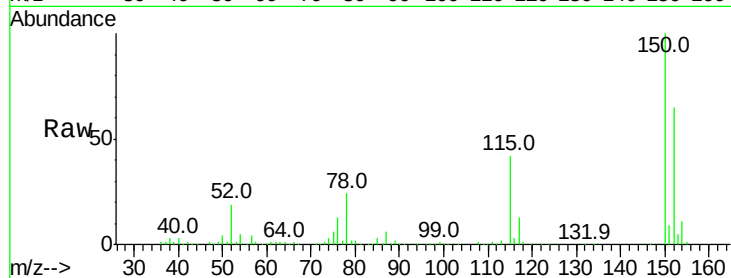
Tot Ion: 79 Resp: 8659

Ion Ratio Lower Upper

79 100

108 32.0 57.2 85.8#

77 124.4 46.1 69.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

Tgt Ion: 136 Resp: 325521

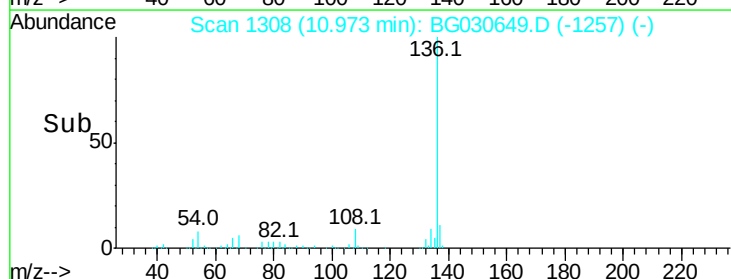
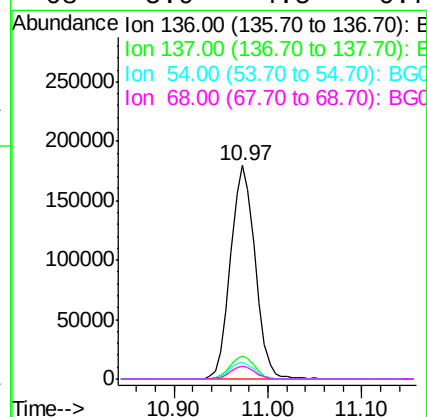
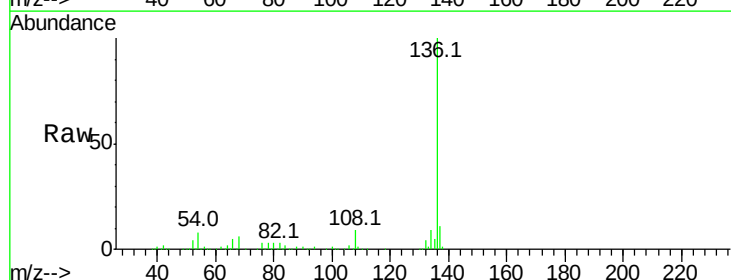
Ion Ratio Lower Upper

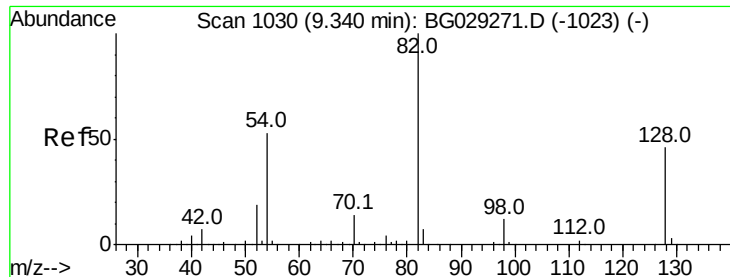
136 100

137 11.1 9.2 13.8

54 8.1 10.3 15.5#

68 5.9 4.5 6.7

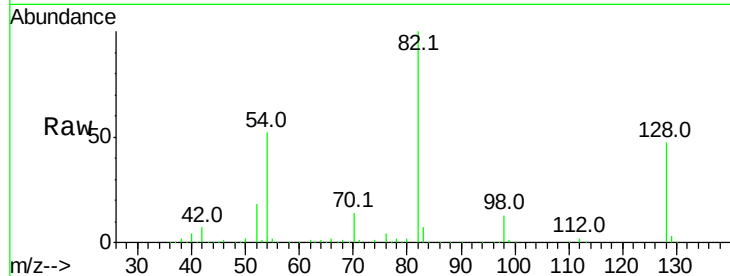




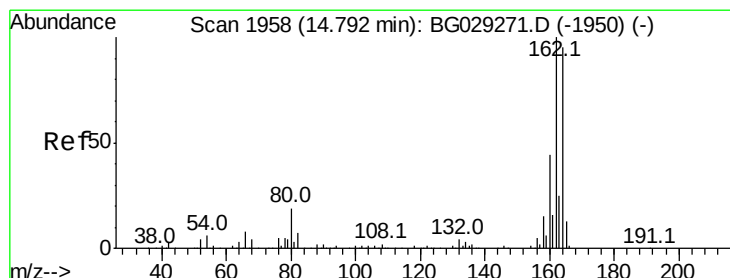
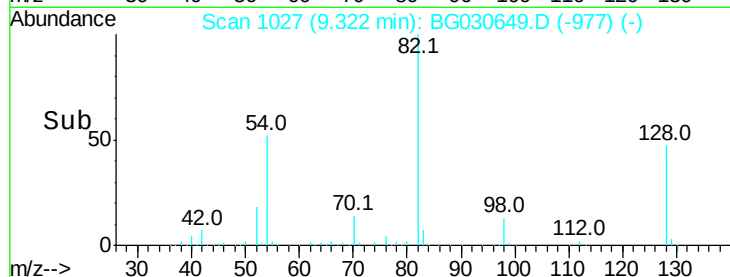
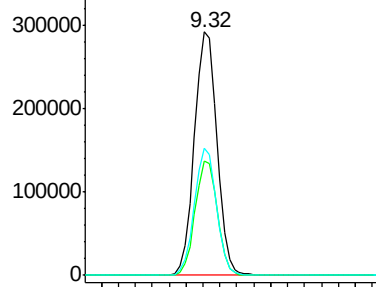
#23
 Nitrobenzene-d5
 Concen: 105.543 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG030649.D
 Acq: 2 Nov 2017 00:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 540647
 Ion Ratio Lower Upper
 82 100
 128 46.7 29.7 44.5#
 54 52.1 43.1 64.7

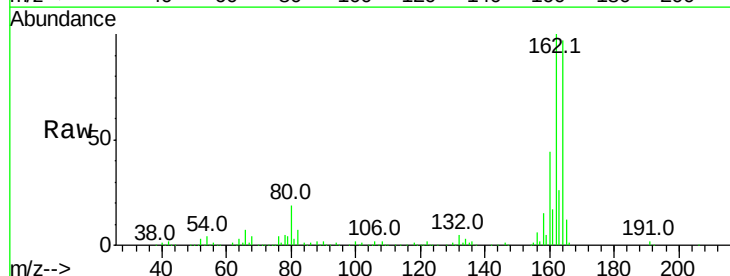


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

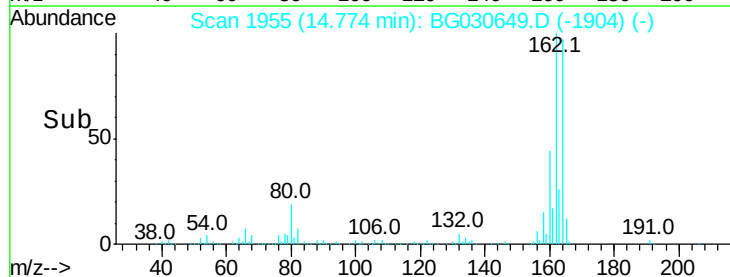
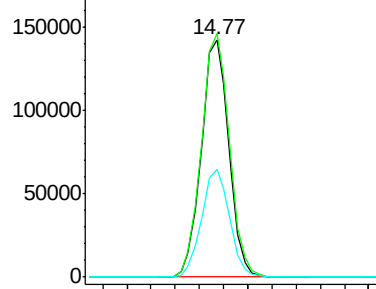


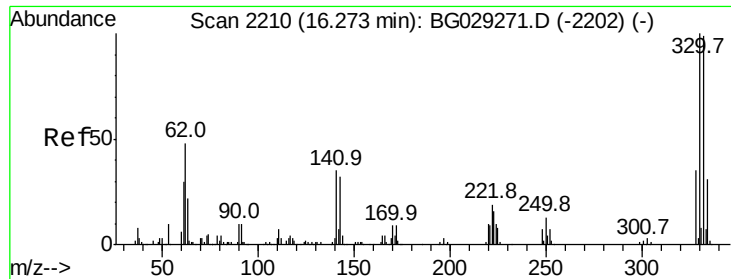
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG030649.D
 Acq: 2 Nov 2017 00:31

Tgt Ion:164 Resp: 225815
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 45.3 35.4 53.0



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

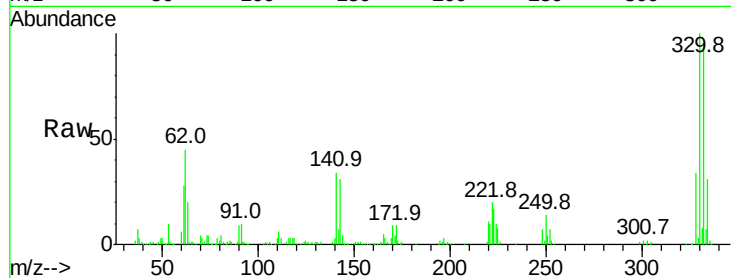




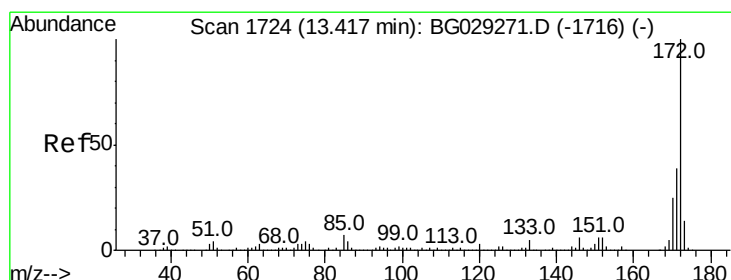
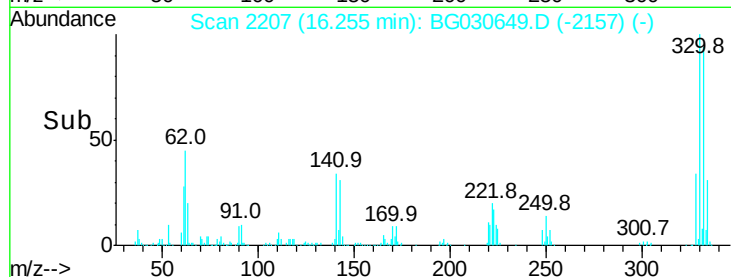
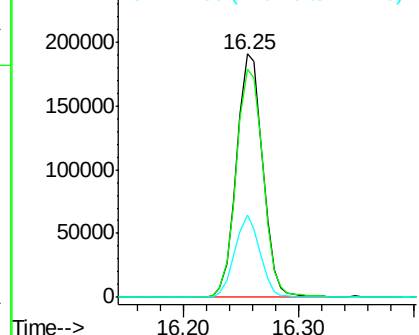
#41
 2,4,6-Tribromophenol
 Concen: 103.474 ng
 RT: 16.25 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BG030649.D
 Acq: 2 Nov 2017 00:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	96.4			77.0	115.6	
141	32.5			25.2	37.8	

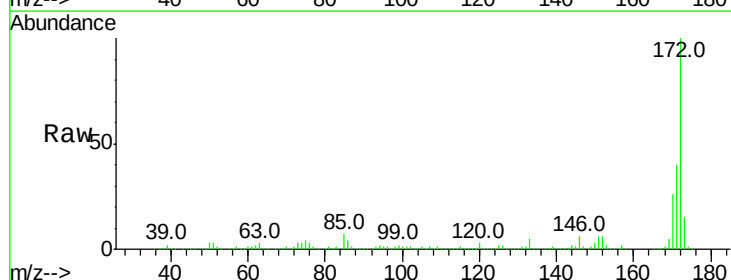


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

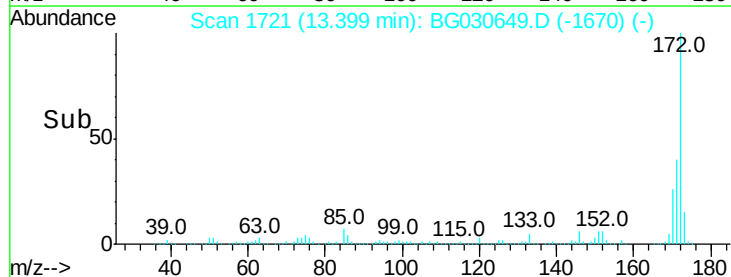
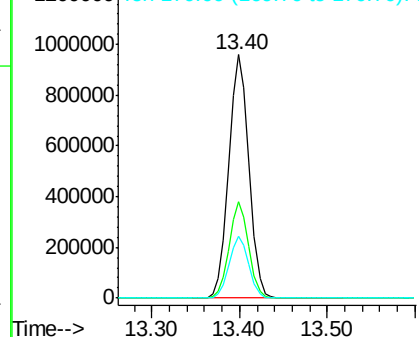


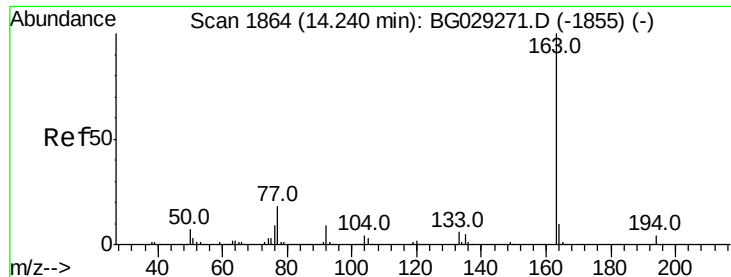
#44
 2-Fluorobiphenyl
 Concen: 98.745 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030649.D
 Acq: 2 Nov 2017 00:31

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	39.7			30.0	45.0	
170	25.6			19.5	29.3	



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: 2.660 ng

RT: 14.22 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

Instrument :

BNA_G

ClientSampleId :

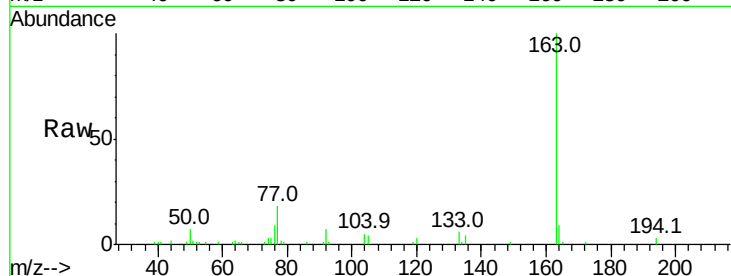
Tot Ion:163 Resp: 46874

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.2

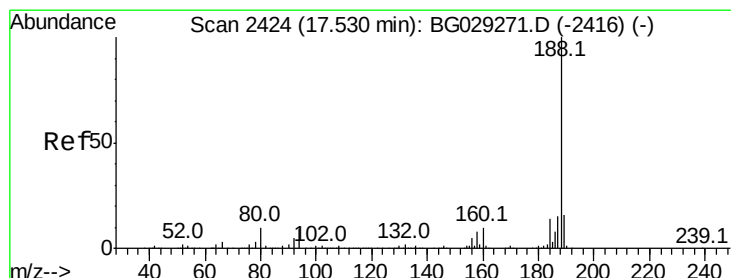
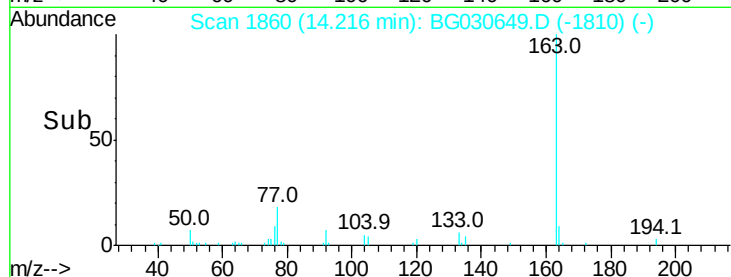
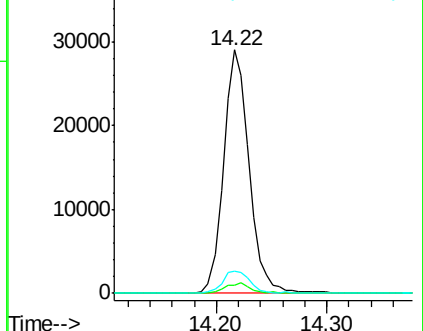
164 9.3 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

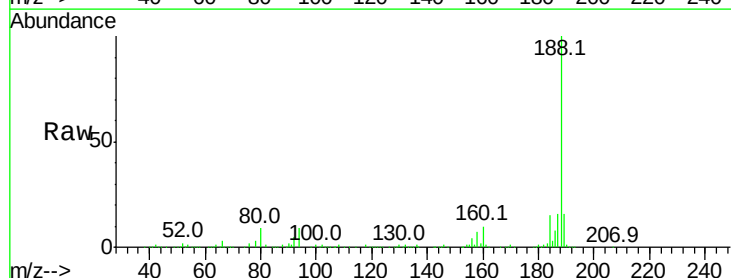
Tgt Ion:188 Resp: 508529

Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

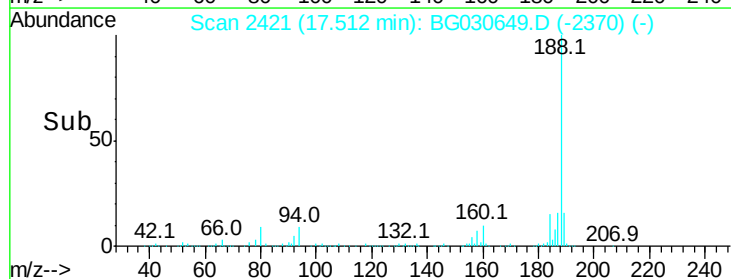
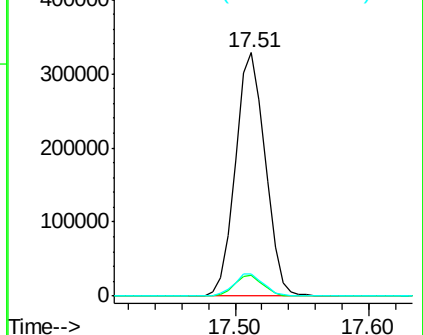
80 9.1 7.7 11.5

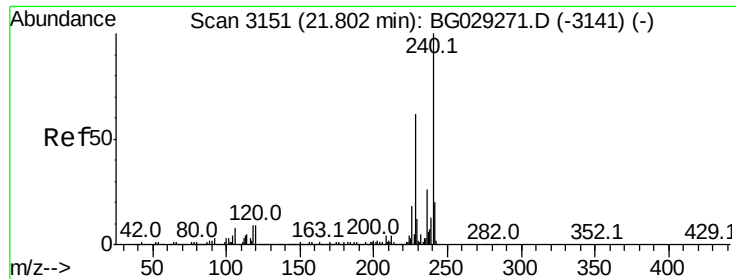


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

Instrument :

BNA_G

ClientSampleId :

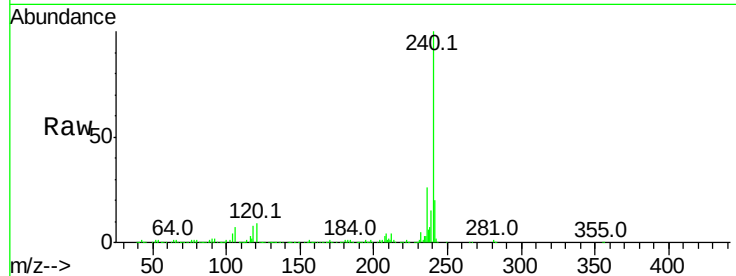
Tot Ion:240 Resp: 545764

Ion Ratio Lower Upper

240 100

120 9.0 6.8 10.2

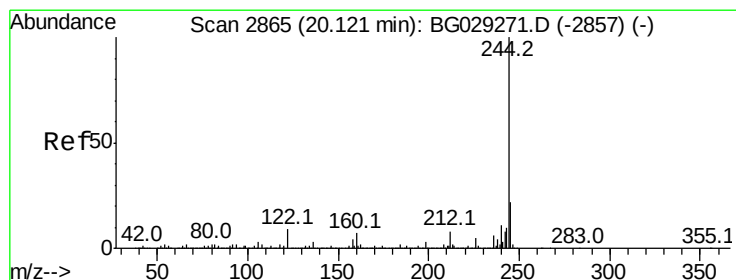
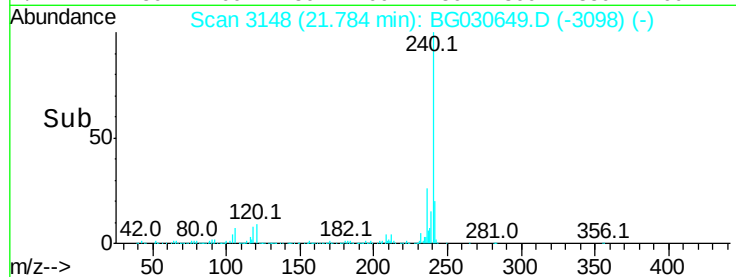
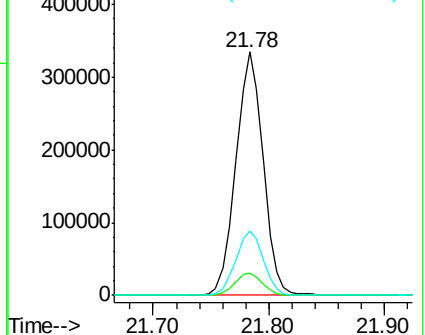
236 26.3 20.9 31.3



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: 96.191 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030649.D

Acq: 2 Nov 2017 00:31

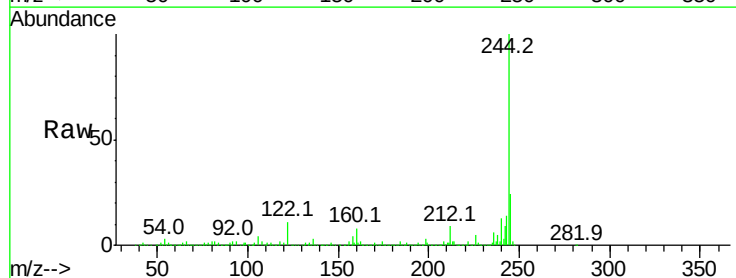
Tgt Ion:244 Resp: 2307651

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

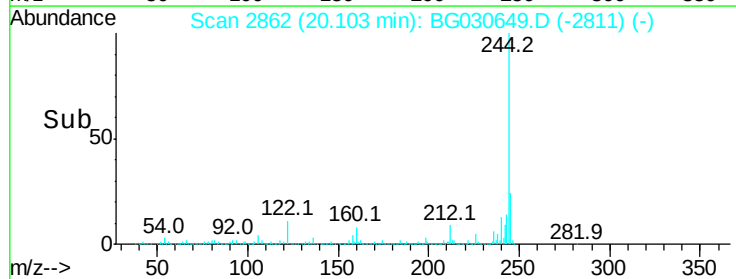
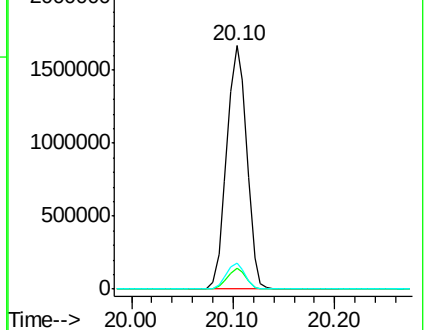
122 10.6 7.0 10.4#

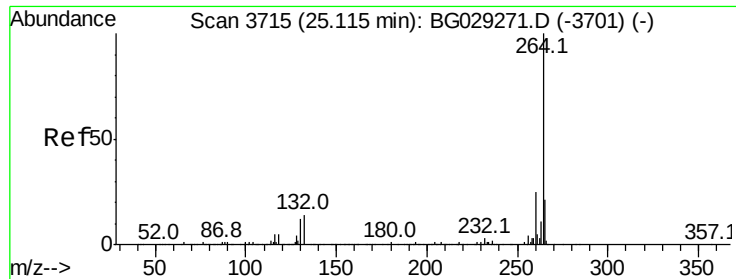


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

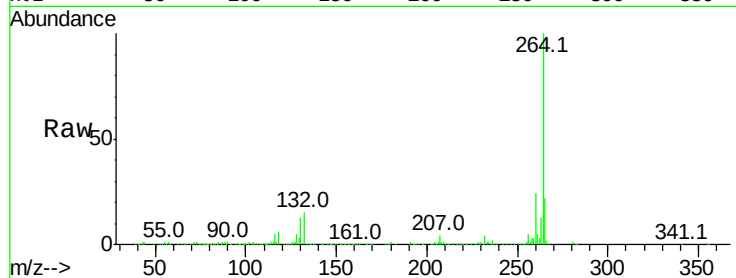




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3711
 Delta R.T. -0.01 min
 Lab File: BG030649.D
 Acq: 2 Nov 2017 00:31

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.5	17.7	26.5



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

