

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030647.D
 Acq On : 1 Nov 2017 23:16
 Operator : SJ/JU
 Sample : I6204-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 06:01:11 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

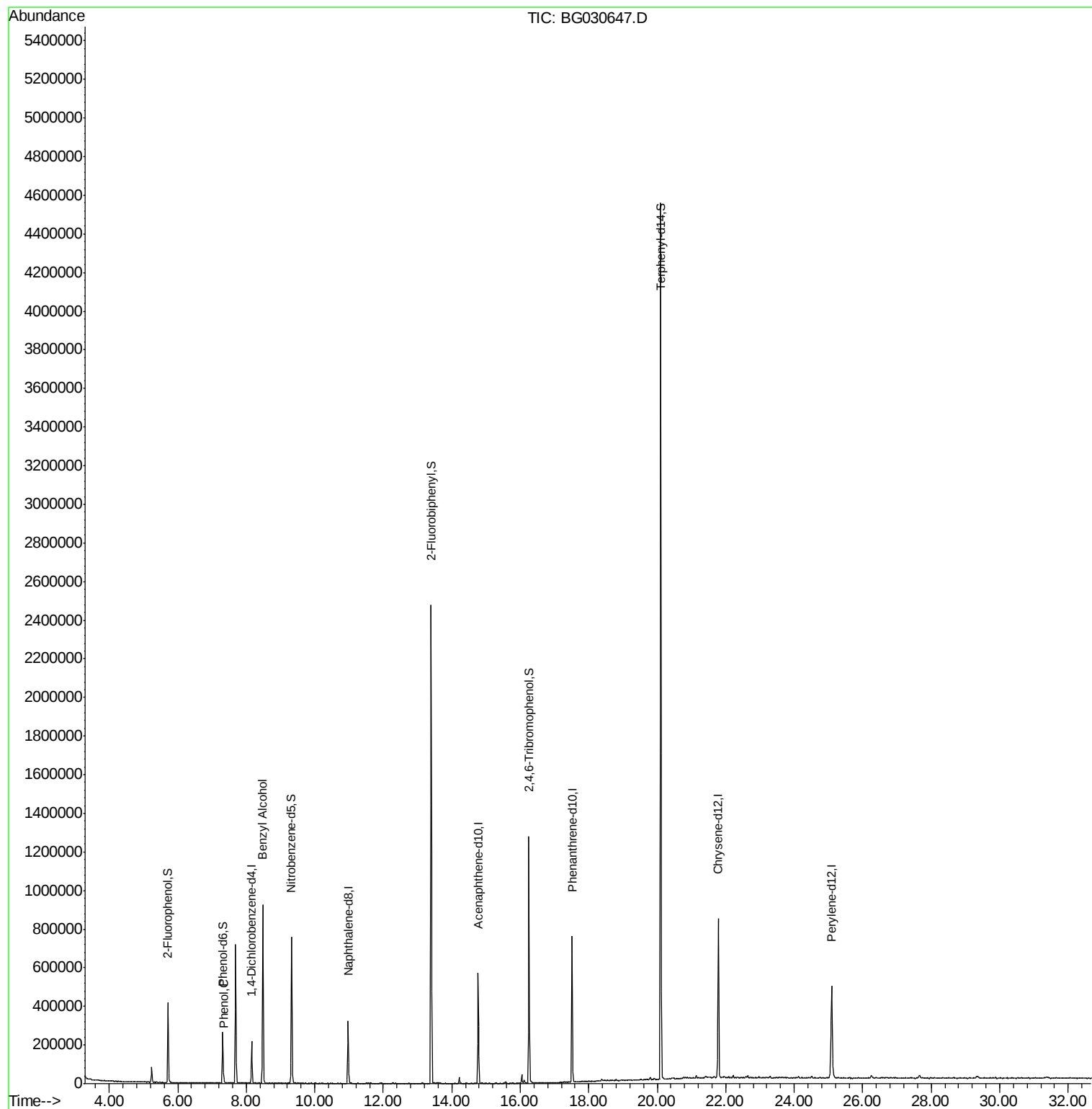
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	62536	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	300141	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	205472	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	474975	20.00	ng	0.00
75) Chrysene-d12	21.78	240	519437	20.00	ng	0.00
86) Perylene-d12	25.09	264	519790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	192831	51.51	ng	0.00
7) Phenol-d6	7.31	99	168787	32.12	ng	0.00
23) Nitrobenzene-d5	9.32	82	473447	100.24	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	260445	98.18	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1333070	95.15	ng	0.00
78) Terphenyl-d14	20.10	244	2098459	91.90	ng	0.00
Target Compounds						
10) Phenol	7.34	94	11815	2.086	ng	87
15) Benzyl Alcohol	8.48	79	7505	2.027	ng	# 44

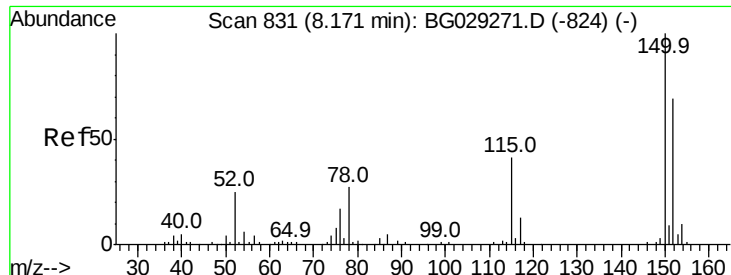
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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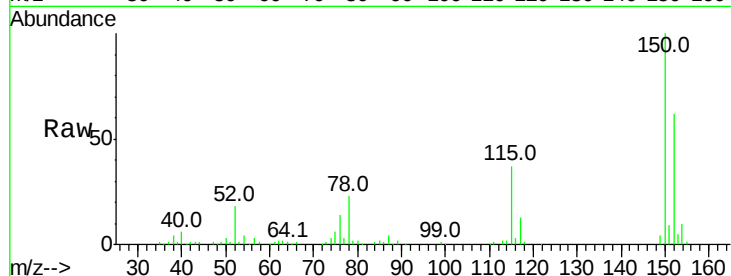


#1

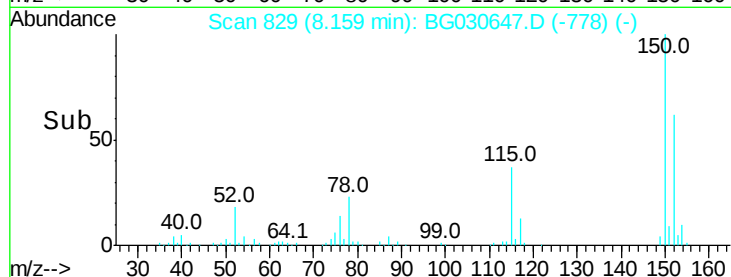
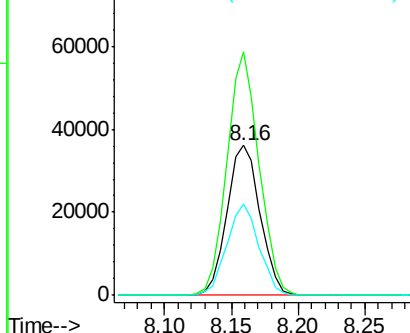
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62536
Ion Ratio Lower Upper
152 100
150 162.5 126.6 189.8
115 60.7 53.0 79.4



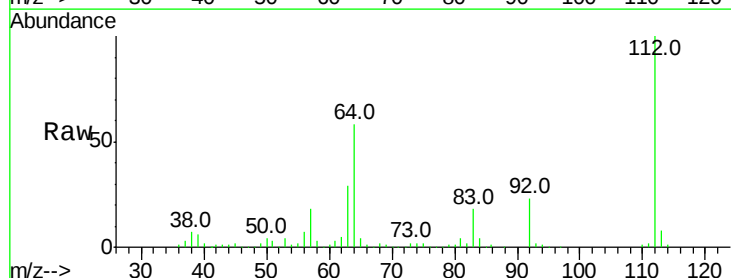
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



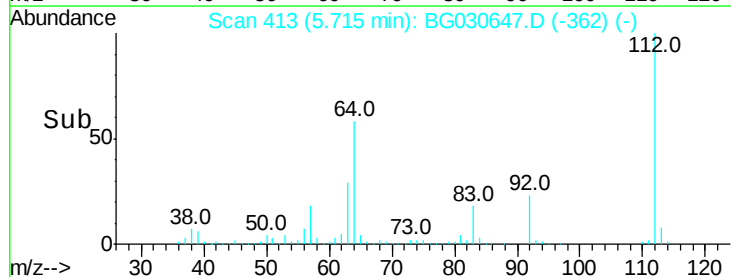
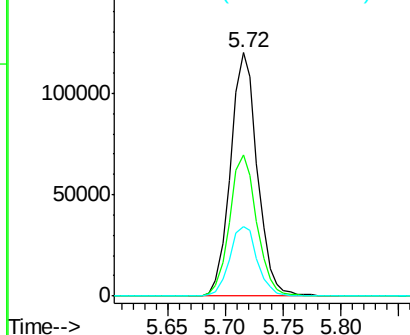
#5

2-Fluorophenol
Concen: 51.512 ng
RT: 5.72 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Tgt Ion:112 Resp: 192831
Ion Ratio Lower Upper
112 100
64 58.0 56.3 84.5
63 28.6 30.1 45.1#



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





#7

Phenol-d6

Concen: 32.122 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Instrument :

BNA_G

ClientSampled :

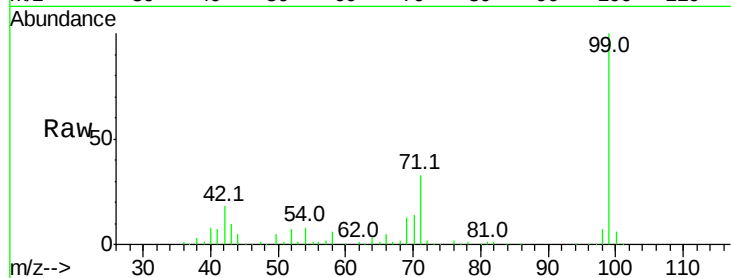
Tot Ion: 99 Resp: 168787

Ion Ratio Lower Upper

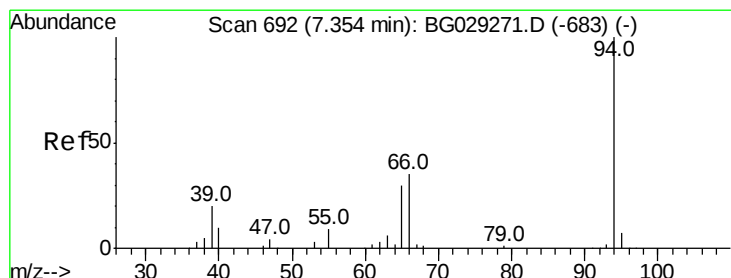
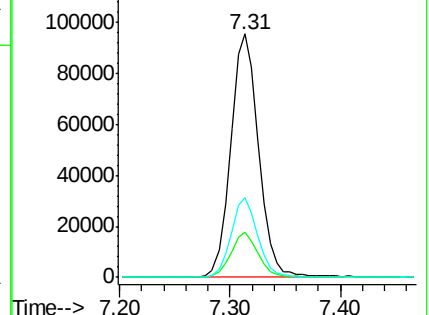
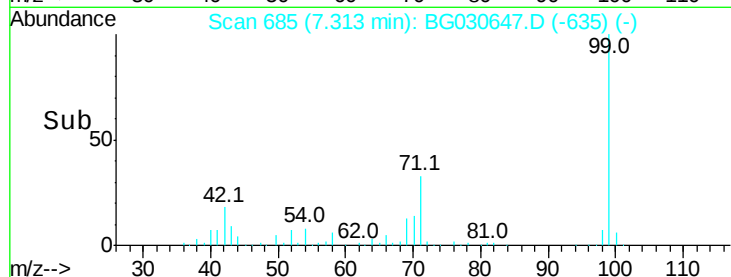
99 100

42 18.5 14.1 21.1

71 32.8 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: 2.086 ng

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

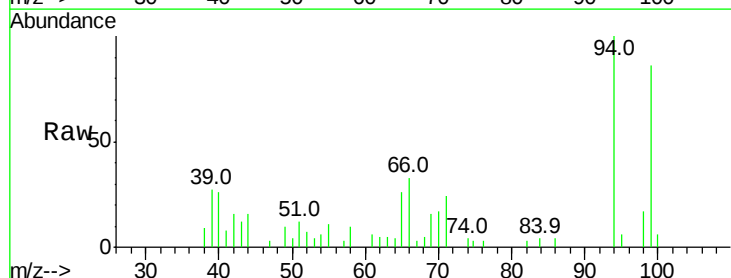
Tgt Ion: 94 Resp: 11815

Ion Ratio Lower Upper

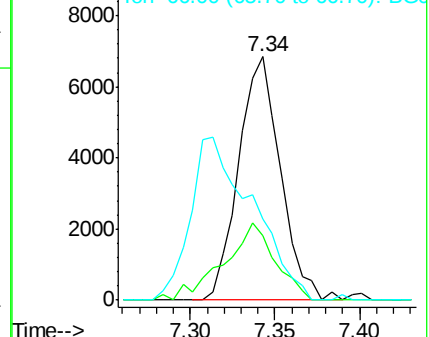
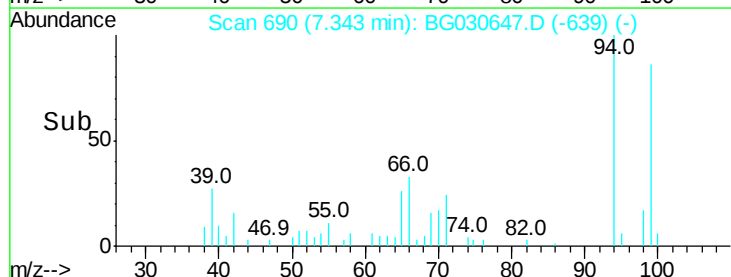
94 100

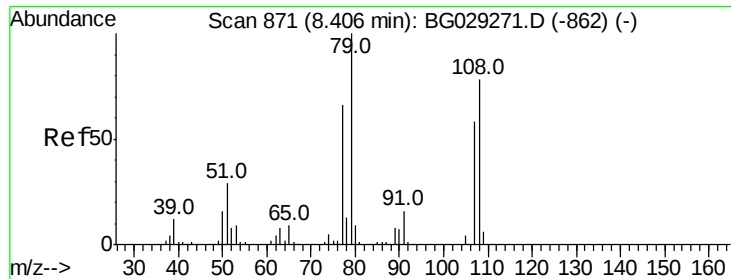
65 26.3 11.9 51.9

66 33.1 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: 2.027 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.09 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Instrument :

BNA_G

ClientSampleId :

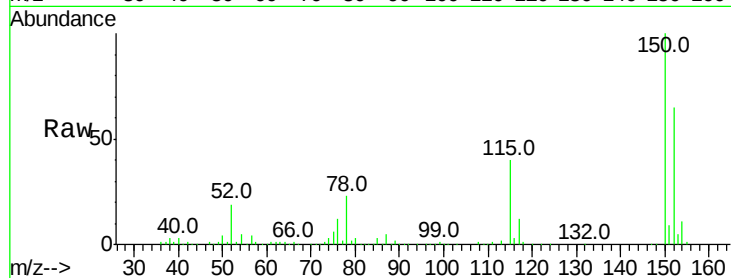
Tot Ion: 79 Resp: 7505

Ion Ratio Lower Upper

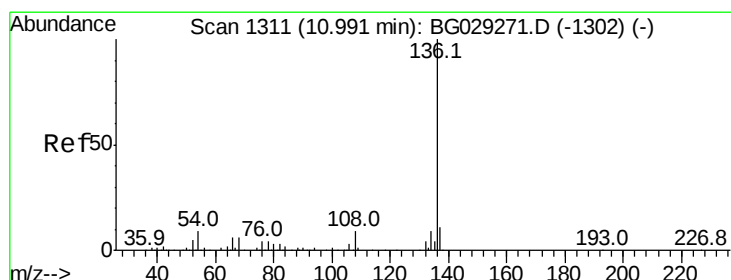
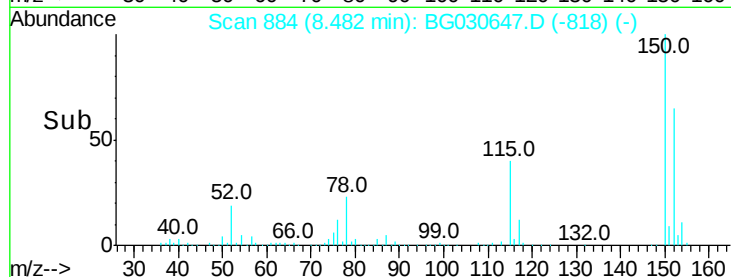
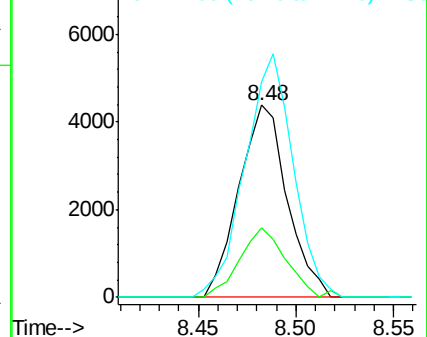
79 100

108 36.4 57.2 85.8#

77 112.1 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Tgt Ion: 136 Resp: 300141

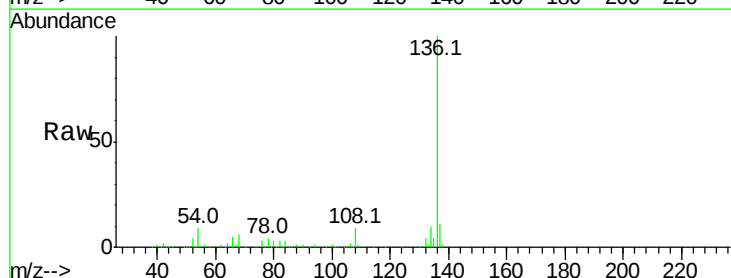
Ion Ratio Lower Upper

136 100

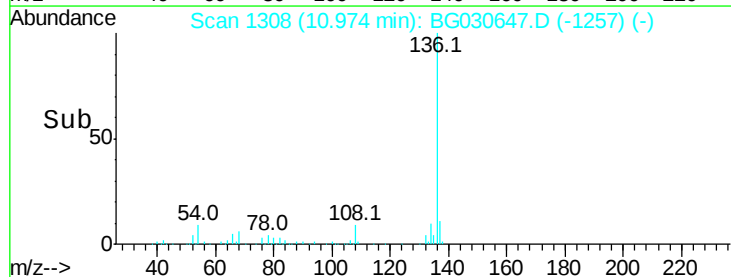
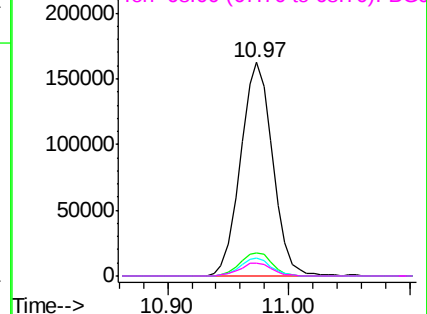
137 11.0 9.2 13.8

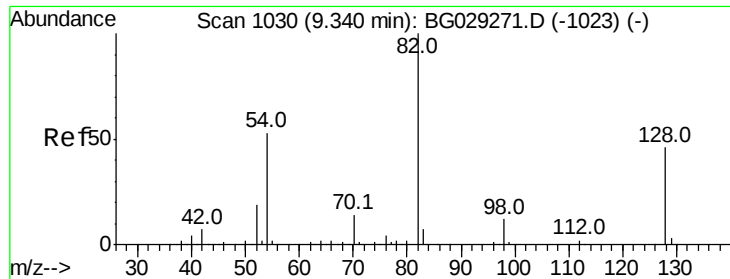
54 8.6 10.3 15.5#

68 6.2 4.5 6.7



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

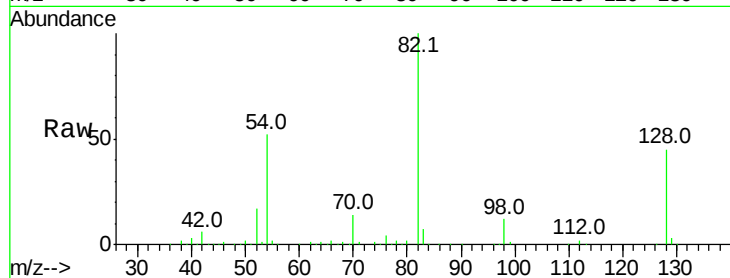




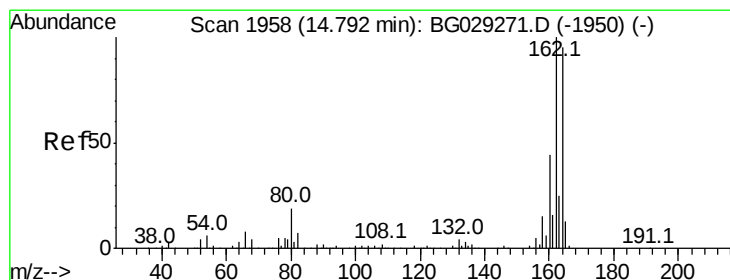
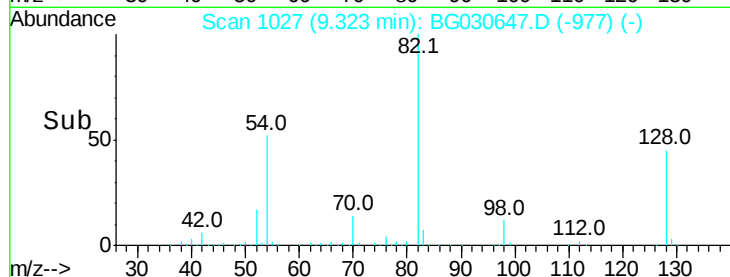
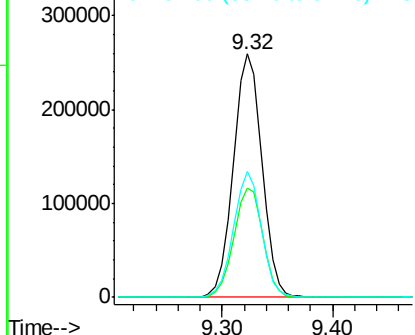
#23
Nitrobenzene-d5
Concen: 100.240 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 473447
Ion Ratio Lower Upper
82 100
128 45.1 29.7 44.5#
54 51.8 43.1 64.7

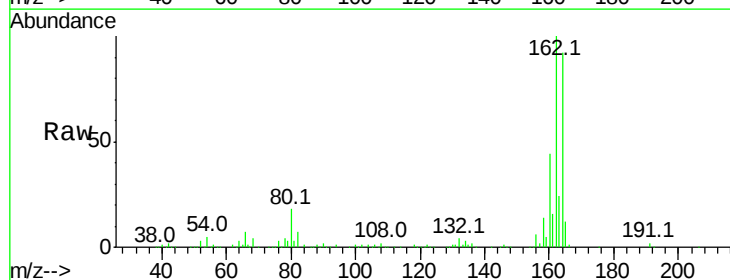


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

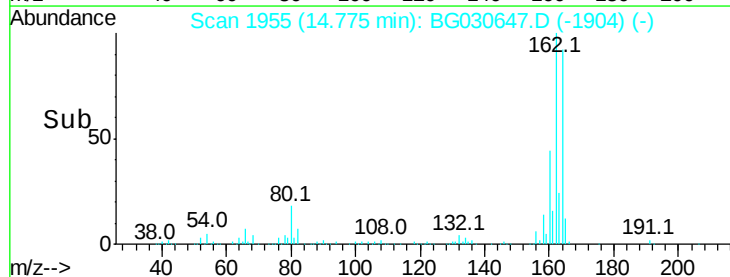
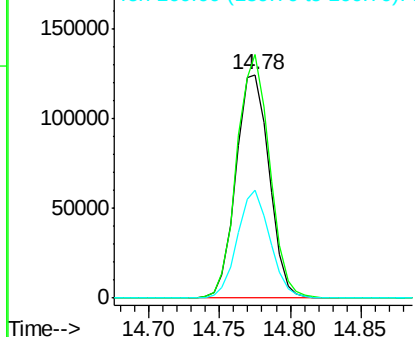


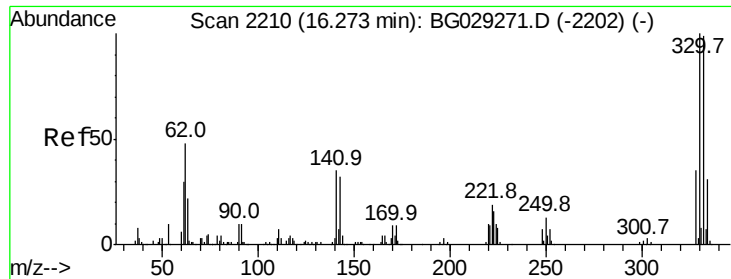
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Tgt Ion:164 Resp: 205472
Ion Ratio Lower Upper
164 100
162 108.9 78.8 118.2
160 48.4 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

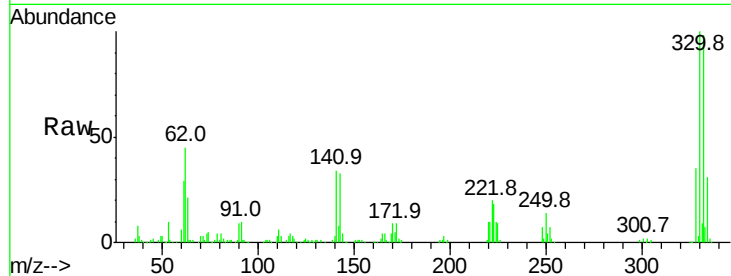




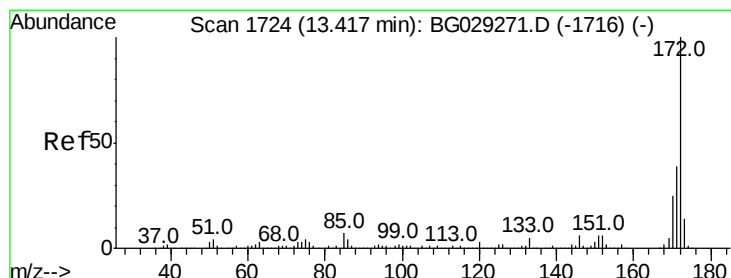
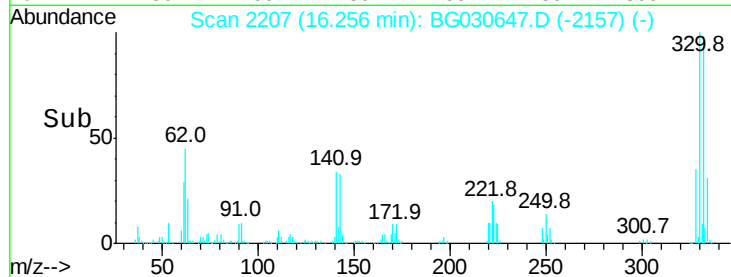
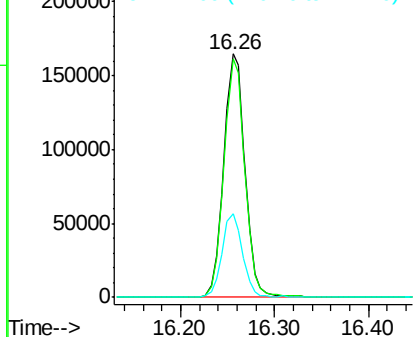
#41
 2,4,6-Tribromophenol
 Concen: 98.175 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030647.D
 Acq: 1 Nov 2017 23:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.2	25.2	37.8

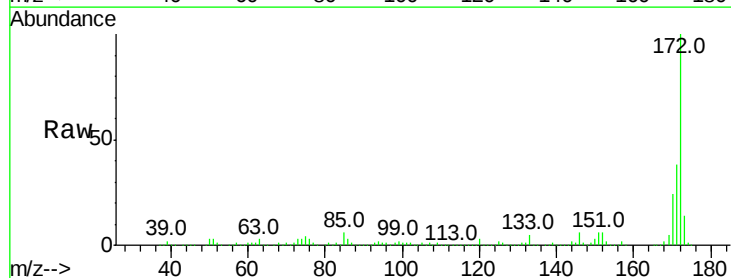


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

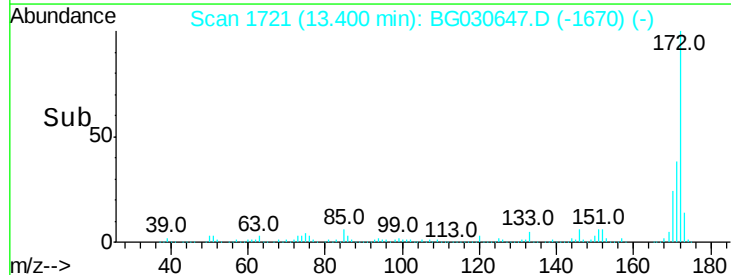
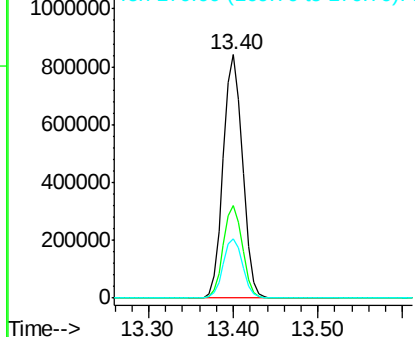


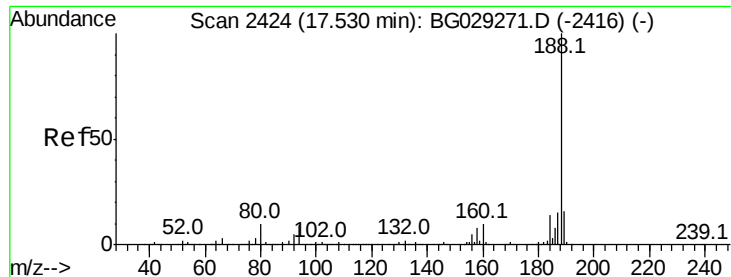
#44
 2-Fluorobiphenyl
 Concen: 95.154 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030647.D
 Acq: 1 Nov 2017 23:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.5	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

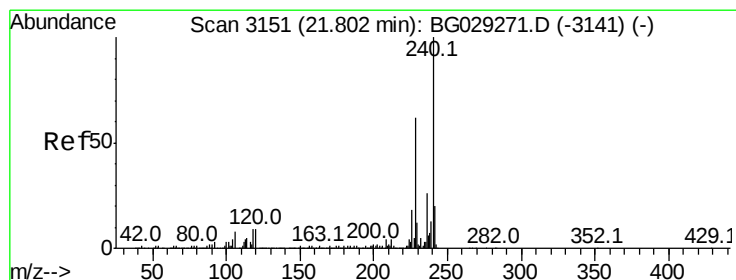
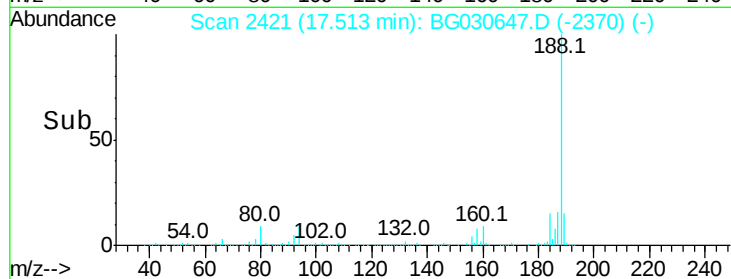
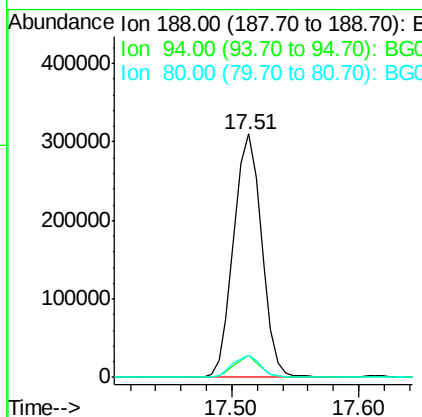
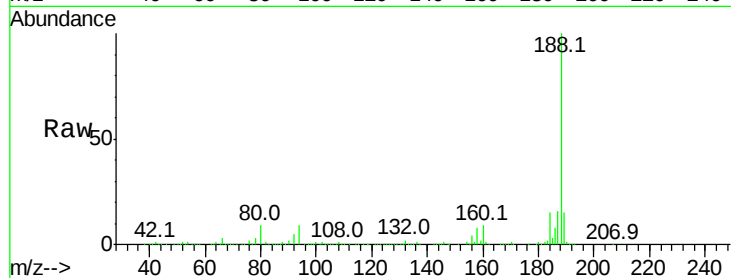




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

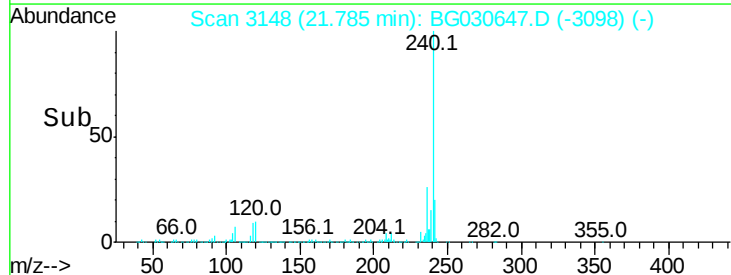
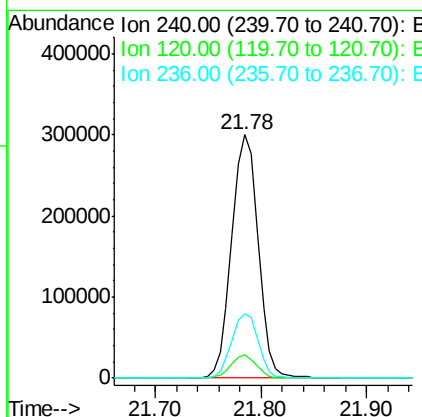
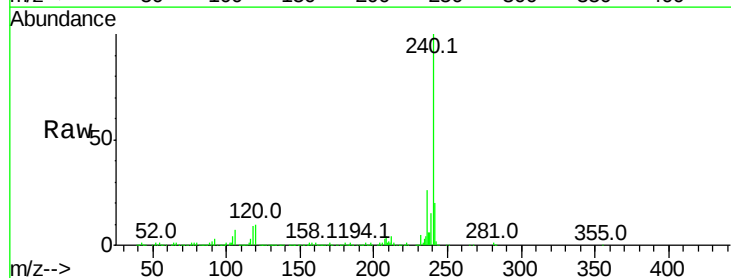
Instrument :
BNA_G
ClientSampleId :

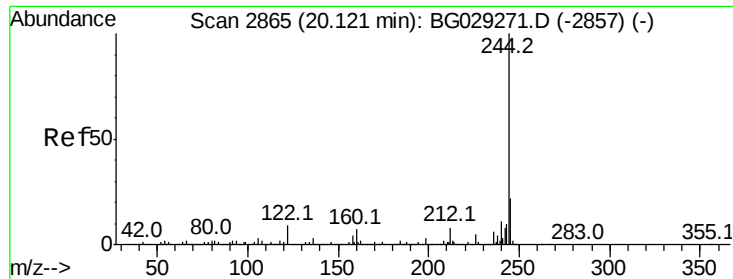
Tot Ion:188 Resp: 474975
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Tgt Ion:240 Resp: 519437
Ion Ratio Lower Upper
240 100
120 9.5 6.8 10.2
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 91.904 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Instrument :

BNA_G

ClientSampleId :

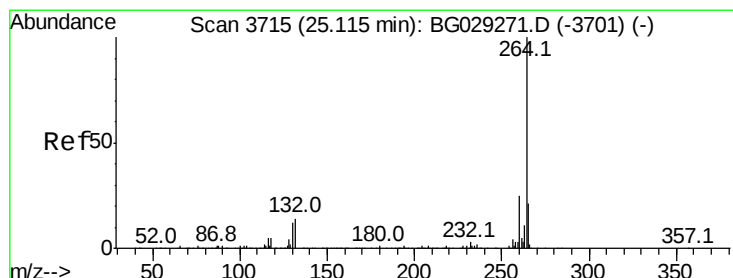
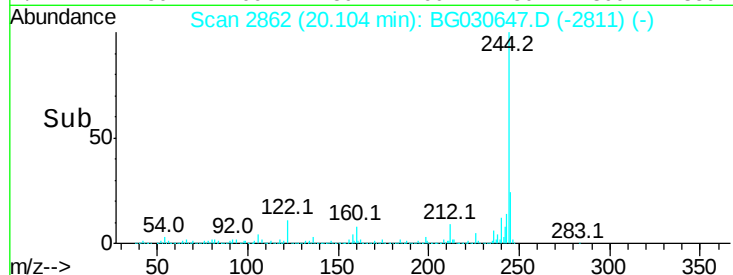
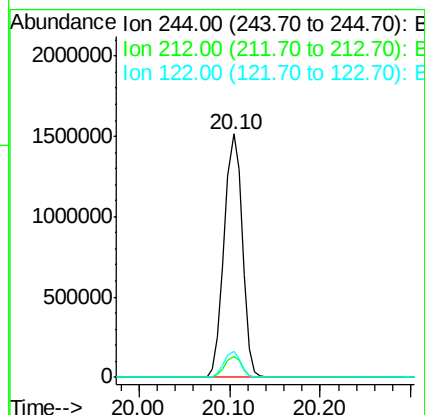
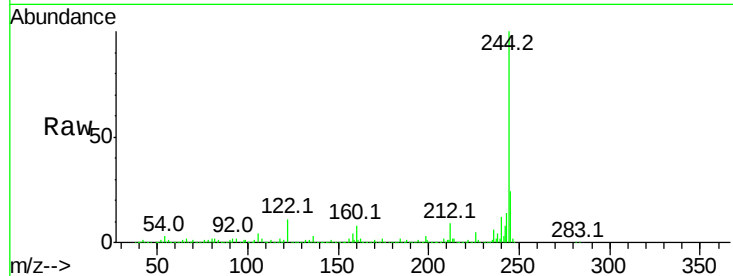
Tot Ion:244 Resp: 2098459

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 10.6 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Tgt Ion:264 Resp: 519790

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.7 17.7 26.5

