

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030645.D
 Acq On : 1 Nov 2017 22:01
 Operator : SJ/JU
 Sample : I6203-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 06:00:48 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

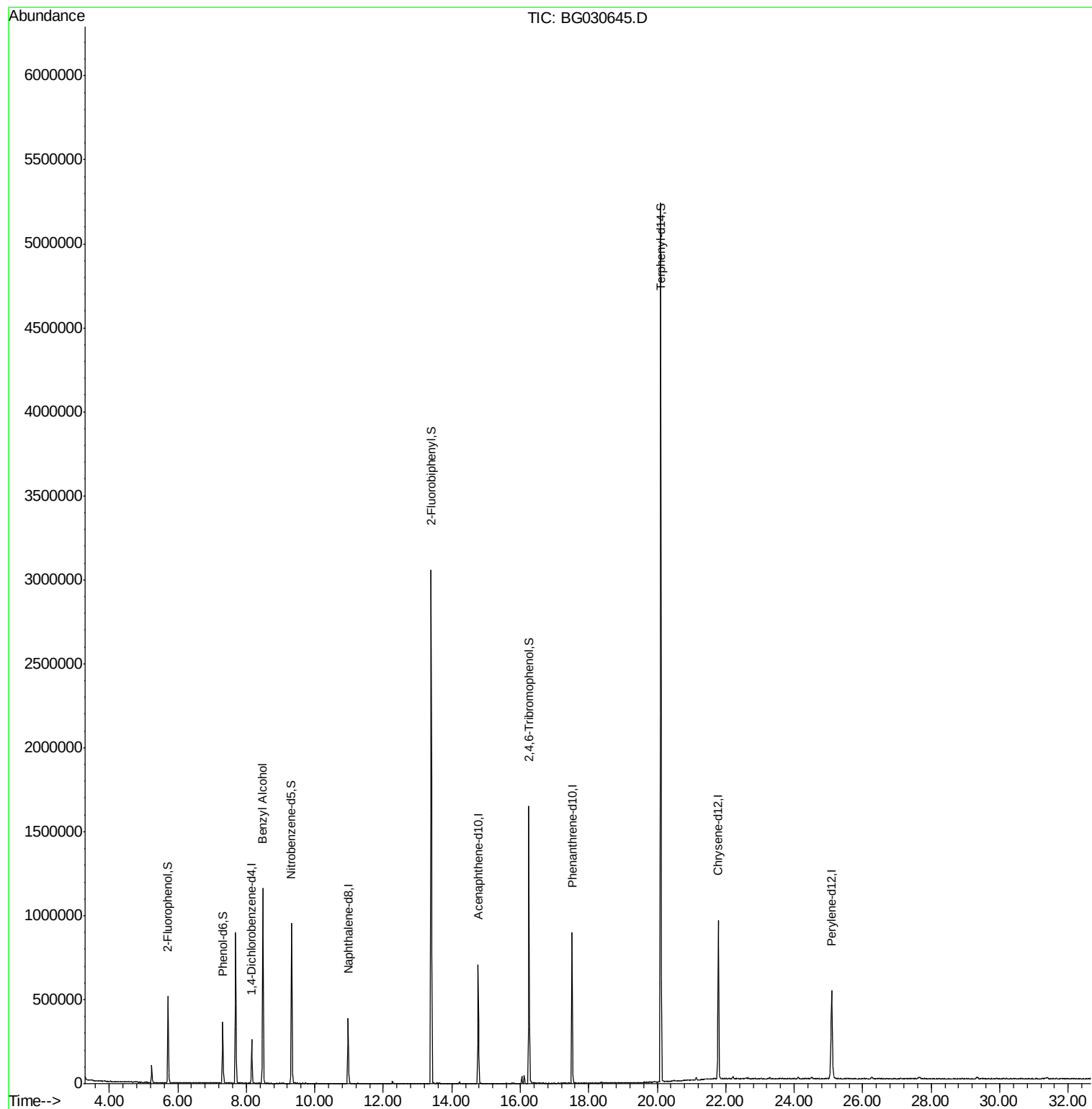
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	74538	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	356013	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	249588	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	548239	20.00	ng	0.00
75) Chrysene-d12	21.78	240	591974	20.00	ng	0.00
86) Perylene-d12	25.10	264	596195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	244423	54.78	ng	0.00
7) Phenol-d6	7.31	99	229197	36.60	ng	0.00
23) Nitrobenzene-d5	9.32	82	602197	107.49	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	332398	103.15	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1669993	98.13	ng	0.00
78) Terphenyl-d14	20.10	244	2450861	94.19	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	9071	2.055	ng	Qvalue # 45

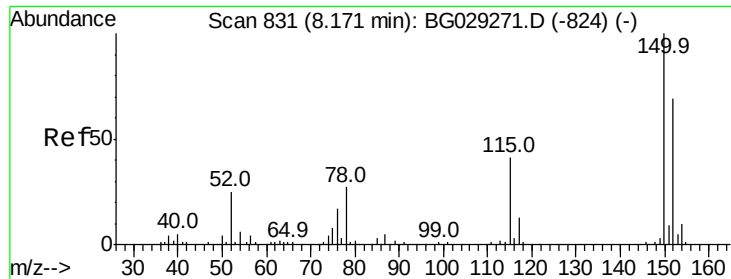
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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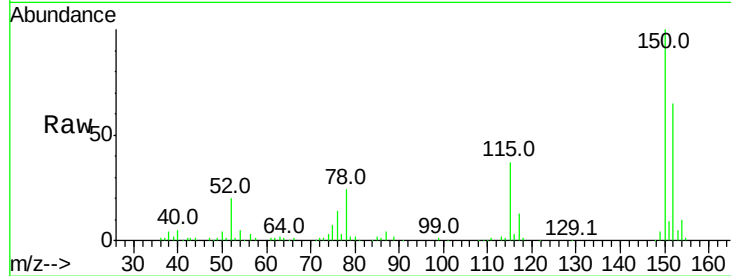


#1

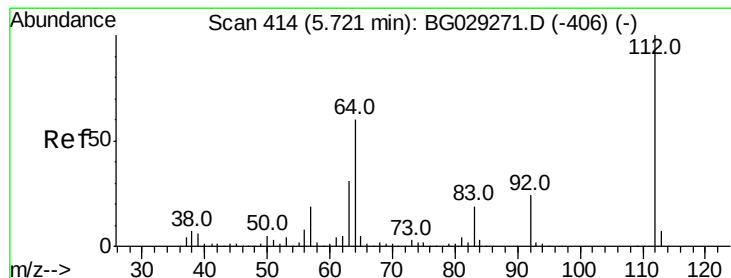
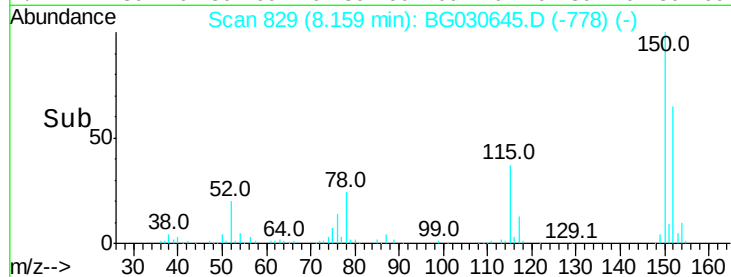
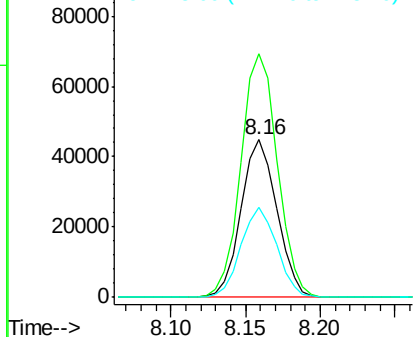
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030645.D
Acq: 1 Nov 2017 22:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74538
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 57.0 53.0 79.4



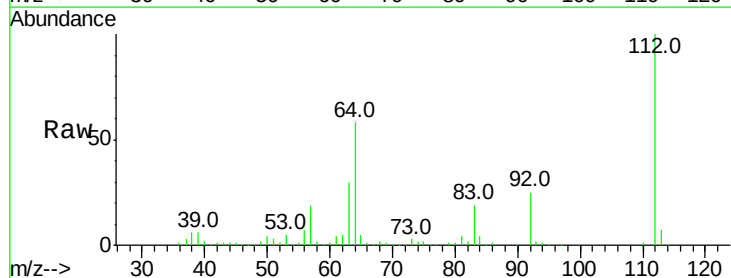
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



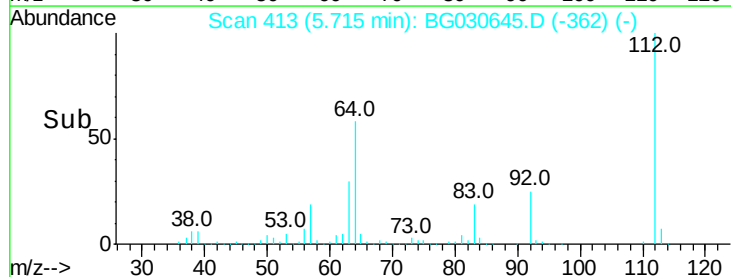
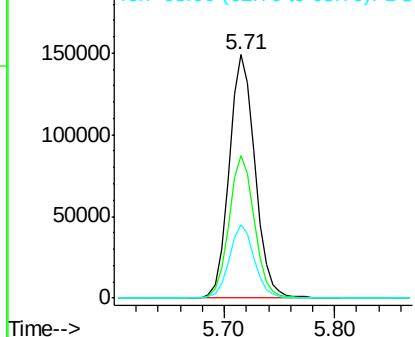
#5

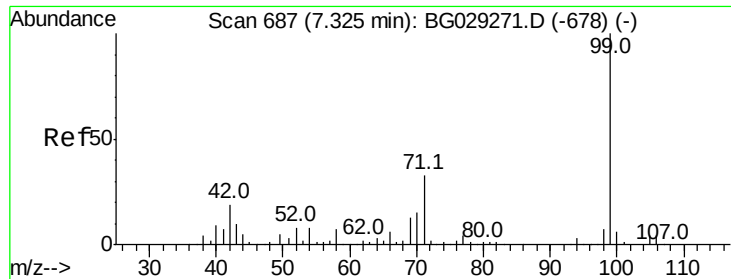
2-Fluorophenol
Concen: 54.780 ng
RT: 5.71 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030645.D
Acq: 1 Nov 2017 22:01

Tgt Ion:112 Resp: 244423
Ion Ratio Lower Upper
112 100
64 58.4 56.3 84.5
63 30.1 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: 36.596 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG030645.D

Acq: 1 Nov 2017 22:01

Instrument :

BNA_G

ClientSampleId :

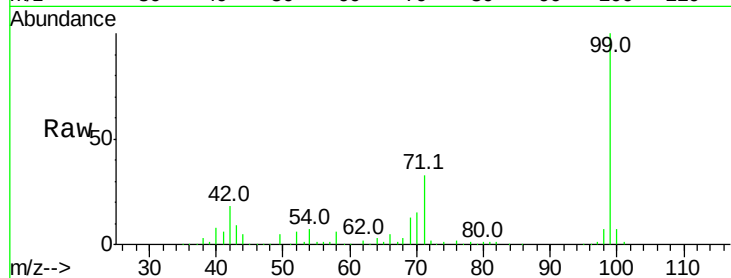
Tot Ion: 99 Resp: 229197

Ion Ratio Lower Upper

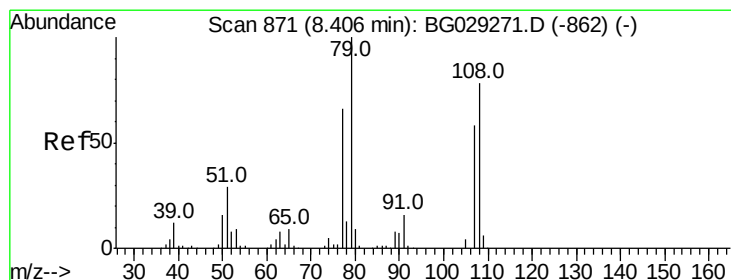
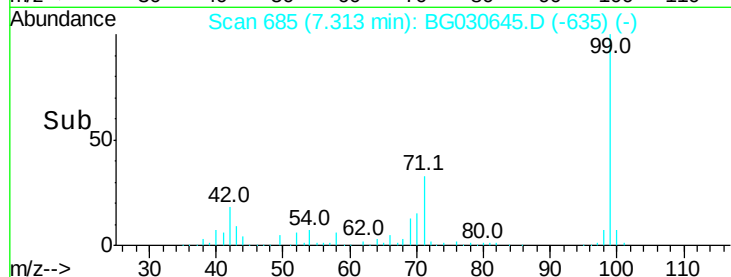
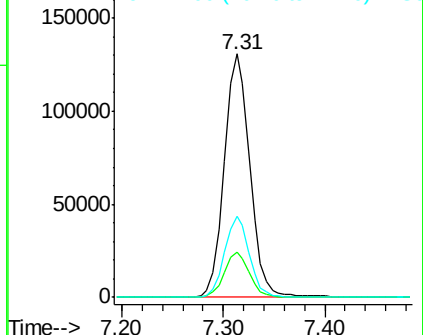
99 100

42 18.5 14.1 21.1

71 33.1 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



#15

Benzyl Alcohol

Concen: 2.055 ng

RT: 8.48 min Scan# 884

Delta R.T. 0.09 min

Lab File: BG030645.D

Acq: 1 Nov 2017 22:01

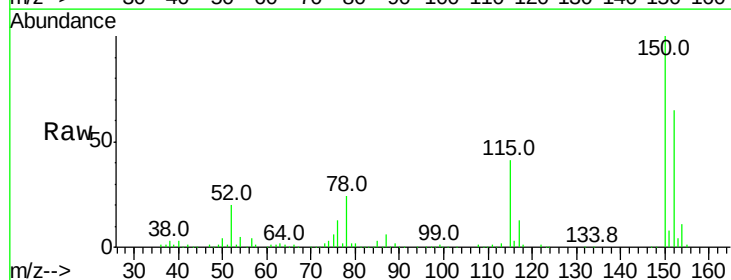
Tgt Ion: 79 Resp: 9071

Ion Ratio Lower Upper

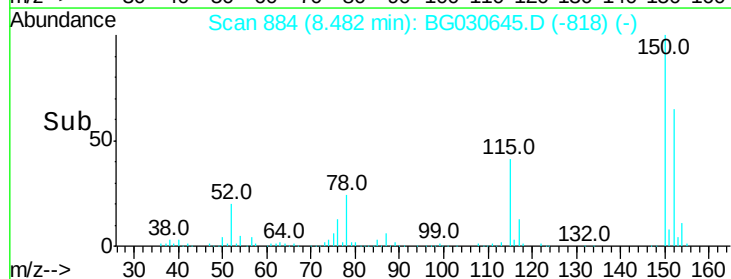
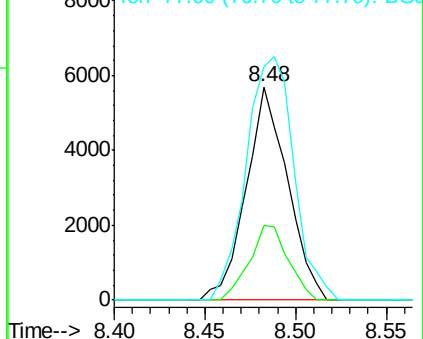
79 100

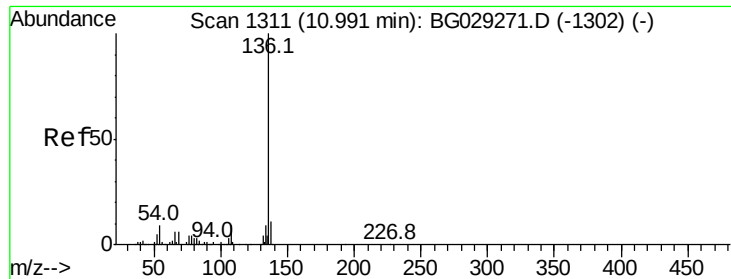
108 35.2 57.2 85.8#

77 109.5 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

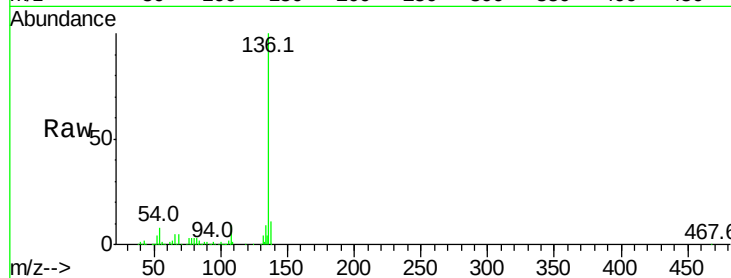




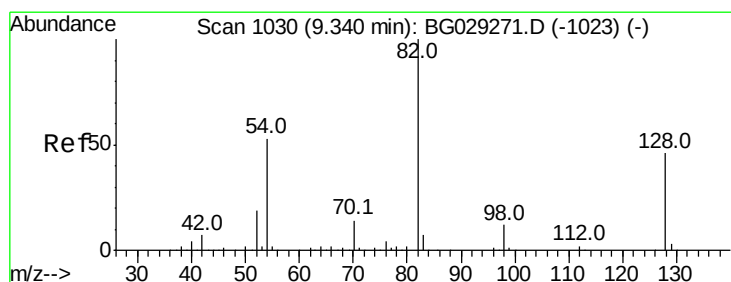
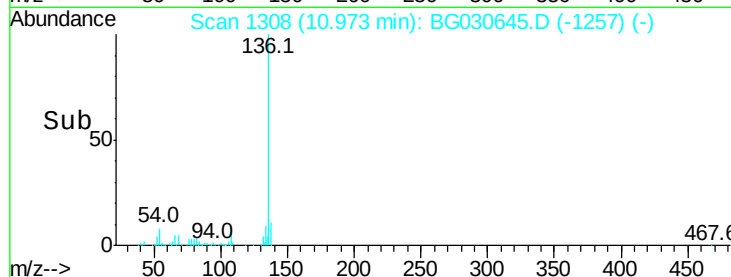
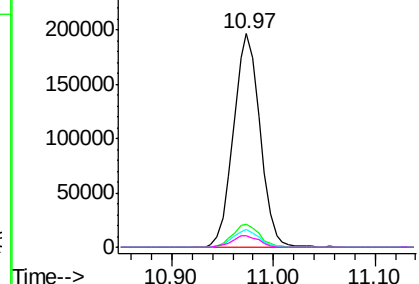
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG030645.D
Acq: 1 Nov 2017 22:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	356013
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.2 13.8
54	8.3	10.3 15.5#
68	5.4	4.5 6.7

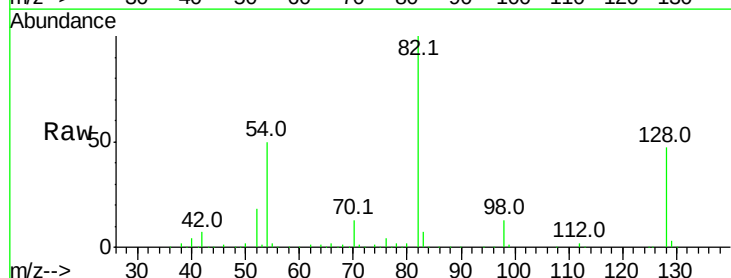


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

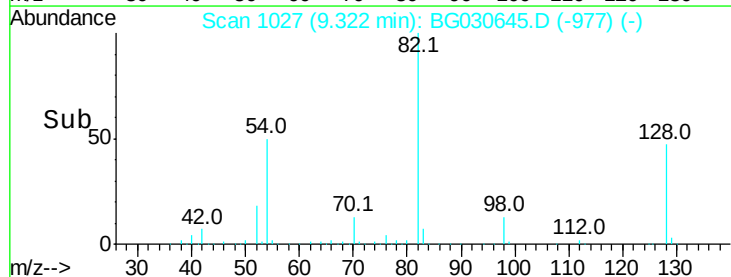
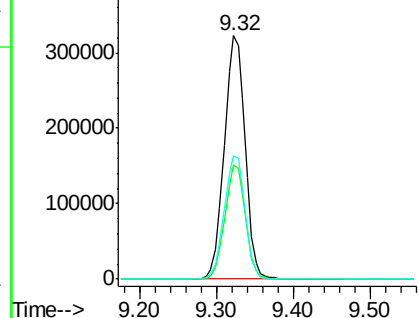


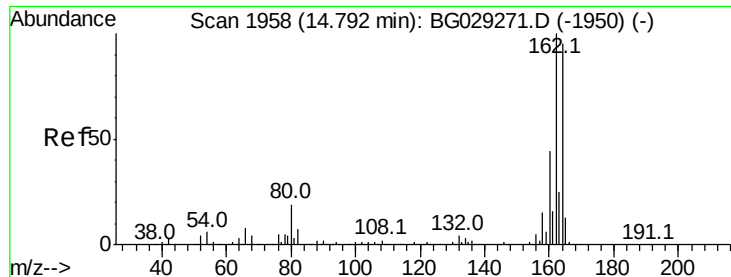
#23
Nitrobenzene-d5
Concen: 107.490 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG030645.D
Acq: 1 Nov 2017 22:01

Tgt Ion: 82	Resp:	602197
Ion	Ratio	Lower Upper
82	100	
128	47.2	29.7 44.5#
54	50.5	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: BG030645.D

Acq: 1 Nov 2017 22:01

Instrument :

BNA_G

ClientSampleId :

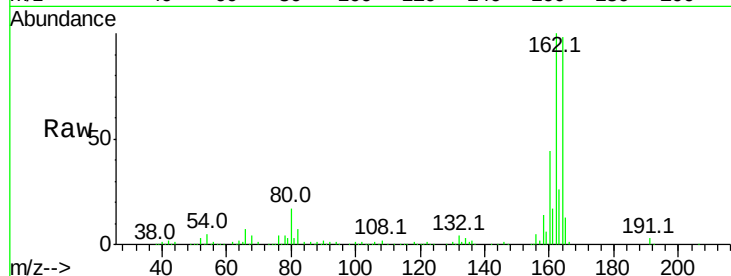
Tot Ion:164 Resp: 249588

Ion Ratio Lower Upper

164 100

162 102.0 78.8 118.2

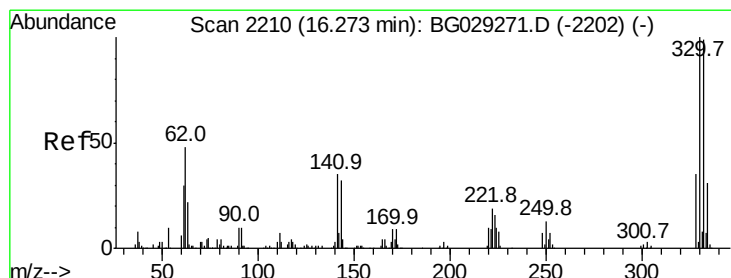
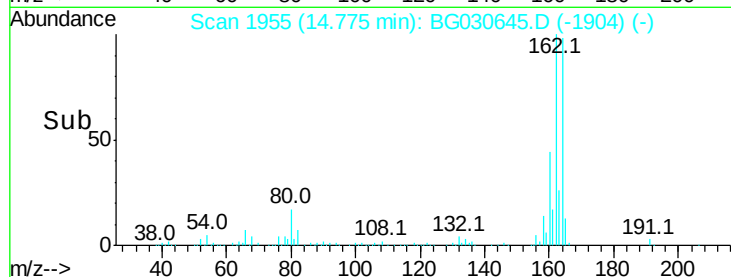
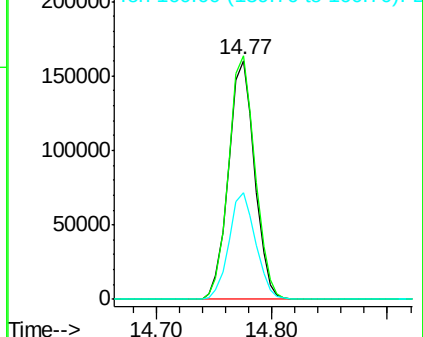
160 44.7 35.4 53.0



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: 103.151 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG030645.D

Acq: 1 Nov 2017 22:01

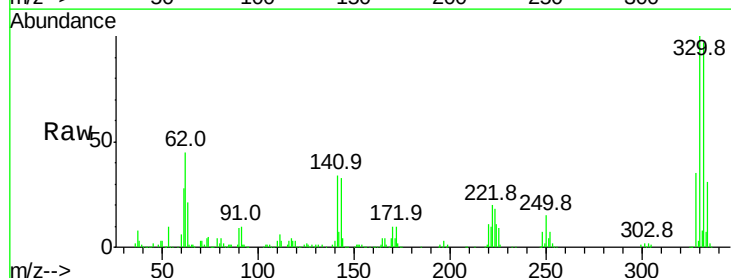
Tgt Ion:330 Resp: 332398

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

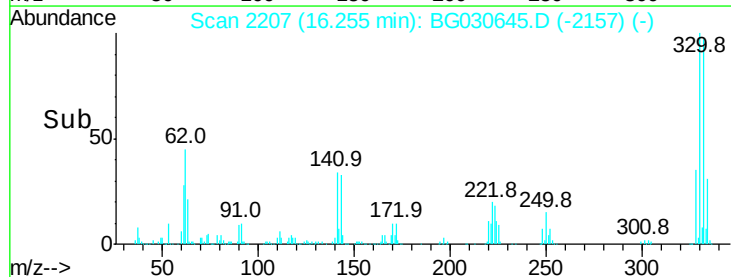
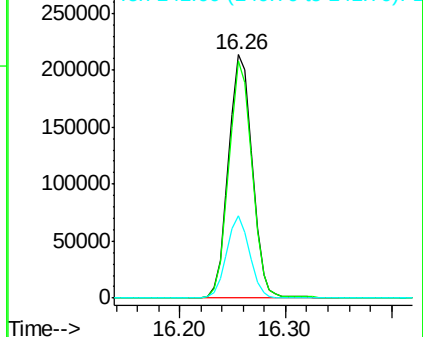
141 32.8 25.2 37.8

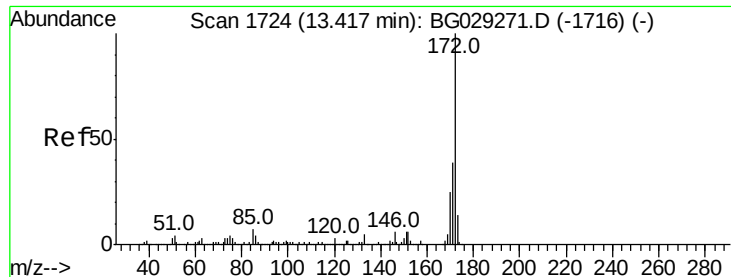


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

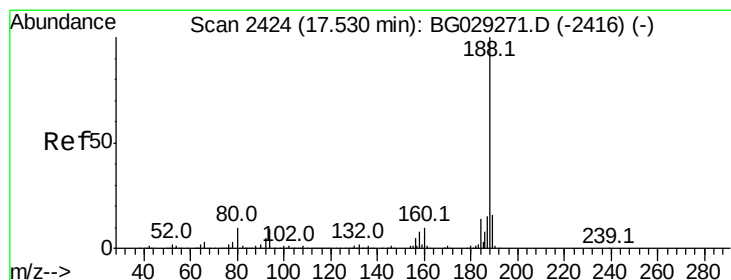
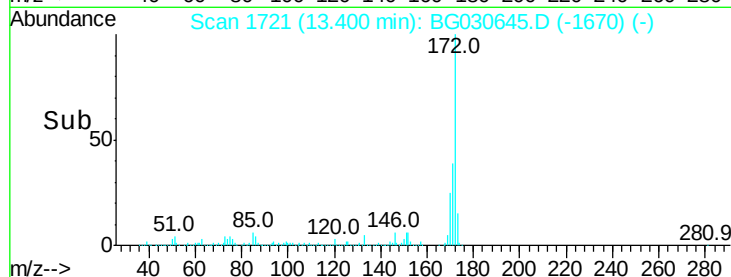
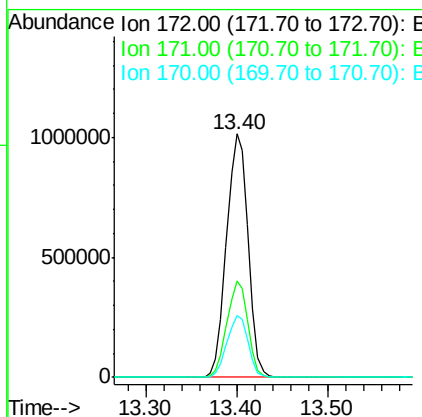
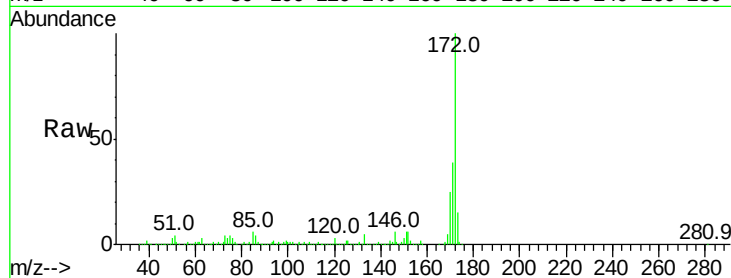




#44
 2-Fluorobiphenyl
 Concen: 98.134 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030645.D
 Acq: 1 Nov 2017 22:01

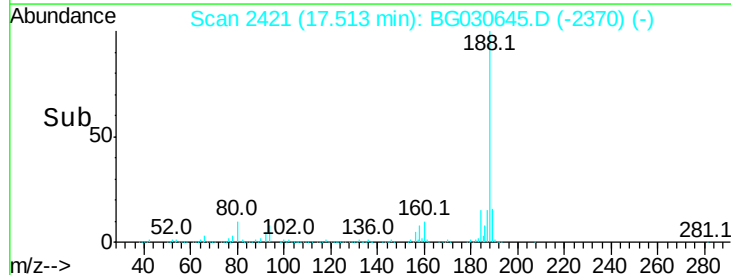
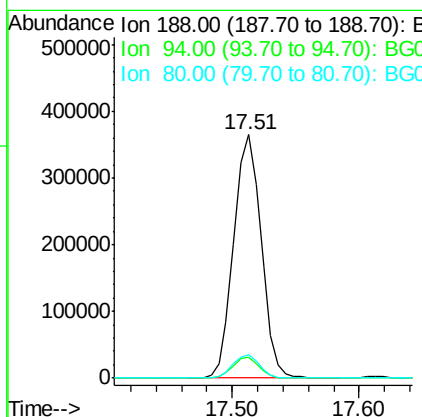
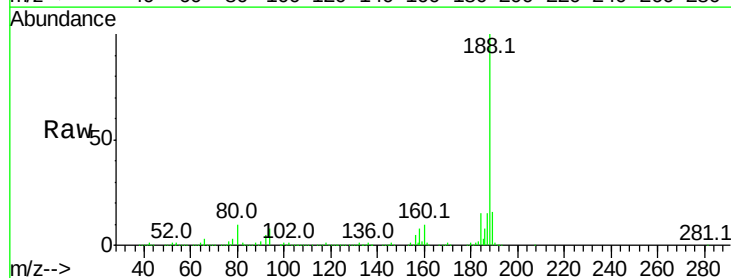
Instrument :
 BNA_G
 ClientSampled :

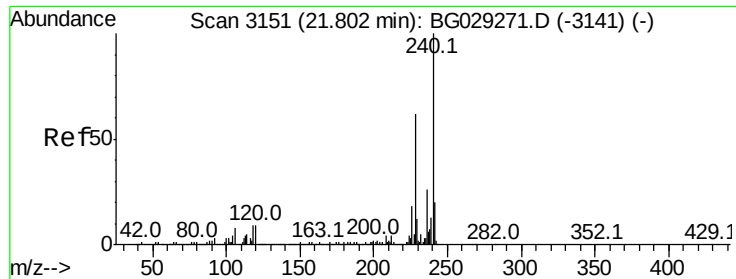
Tot Ion:172 Resp: 1669993
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 25.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG030645.D
 Acq: 1 Nov 2017 22:01

Tgt Ion:188 Resp: 548239
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.9 10.3
 80 9.7 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: BG030645.D

Acq: 1 Nov 2017 22:01

Instrument :

BNA_G

ClientSampleId :

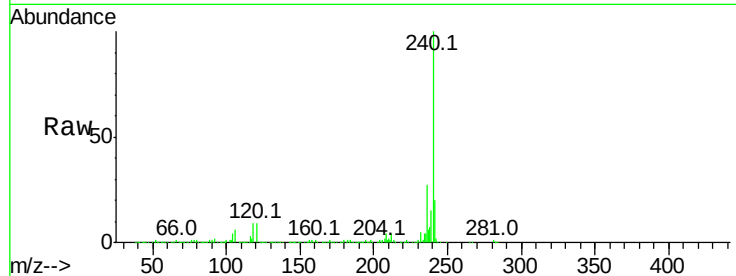
Tot Ion:240 Resp: 591974

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

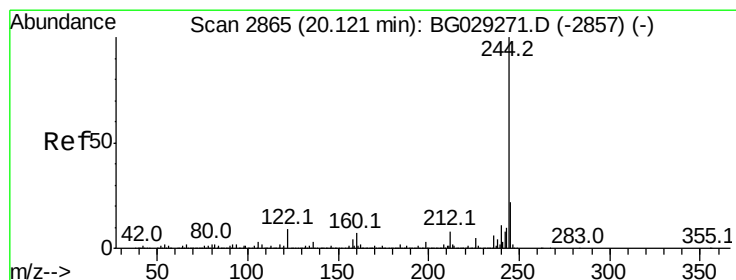
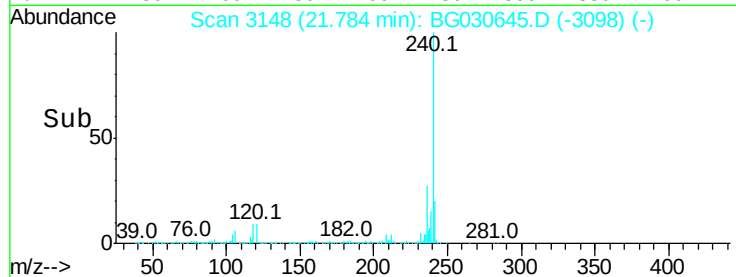
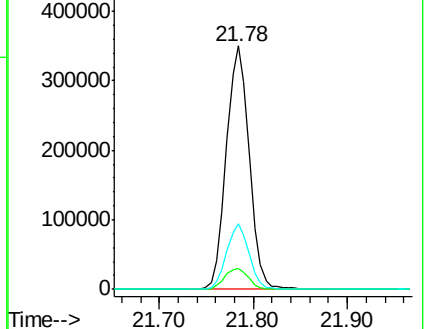
236 26.8 20.9 31.3



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: 94.186 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030645.D

Acq: 1 Nov 2017 22:01

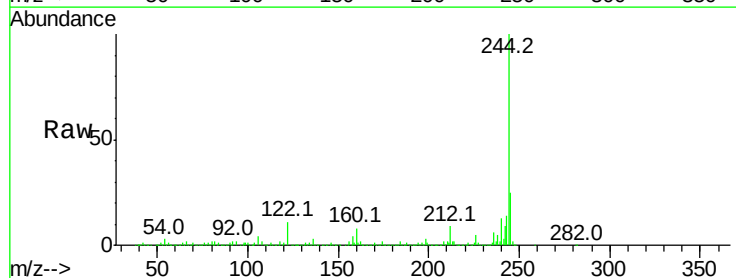
Tgt Ion:244 Resp: 2450861

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

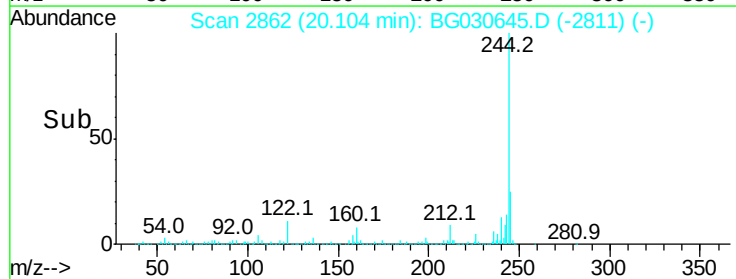
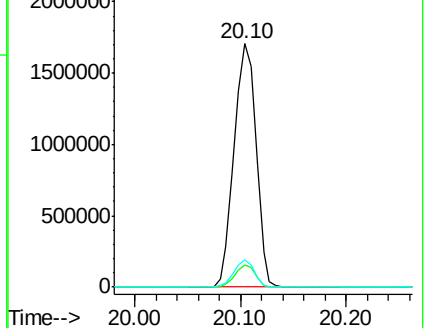
122 11.0 7.0 10.4#

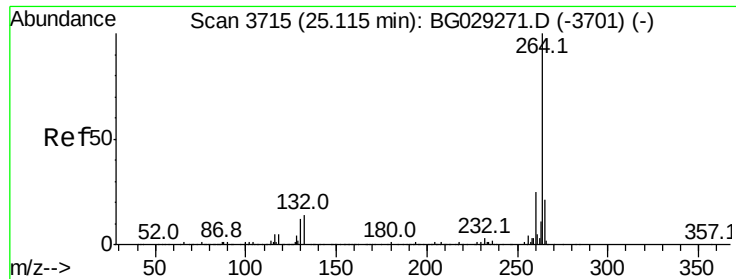


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

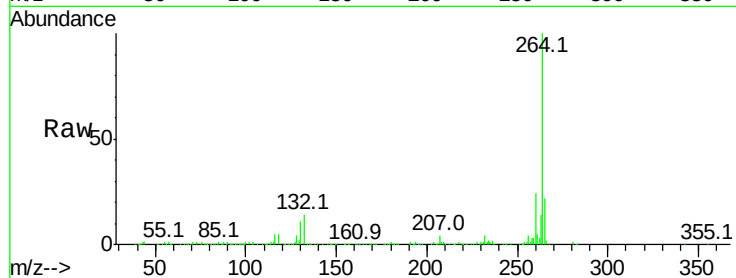




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. 0.00 min
Lab File: BG030645.D
Acq: 1 Nov 2017 22:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.8	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

