

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030562.D
 Acq On : 29 Oct 2017 15:22
 Operator : SJ/JU
 Sample : I6171-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-B

Quant Time: Oct 30 08:20:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	81124	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	344791	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	230621	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	565903	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	612068	20.00	ng	-0.01
86) Perylene-d12	25.11	264	604448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	693812	142.87	ng	0.00
7) Phenol-d6	7.33	99	875104	128.38	ng	0.00
23) Nitrobenzene-d5	9.33	82	559757	103.17	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	406249	136.44	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1503230	95.60	ng	0.00
78) Terphenyl-d14	20.11	244	2374654	88.26	ng	-0.01

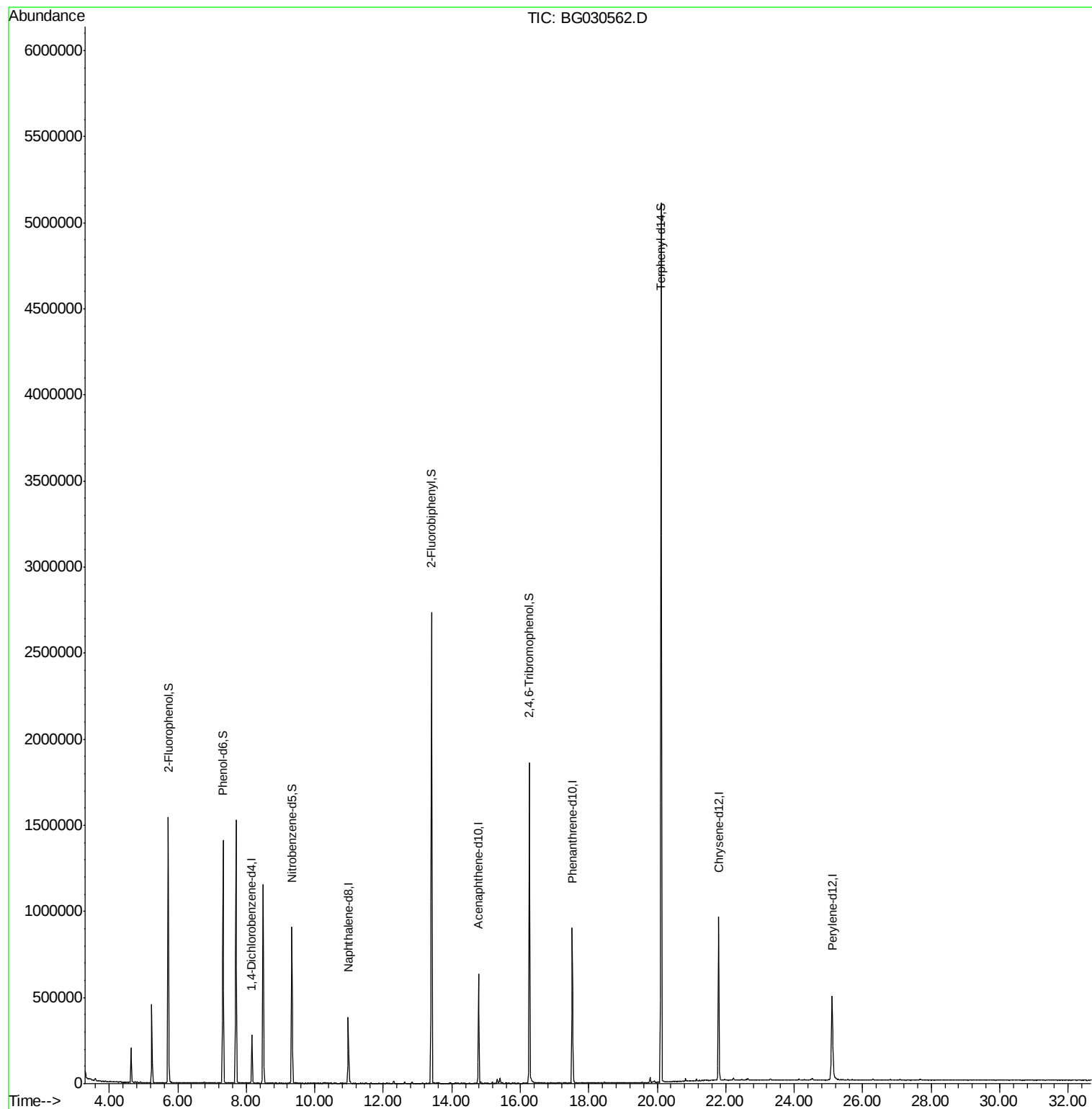
Target Compounds Qvalue

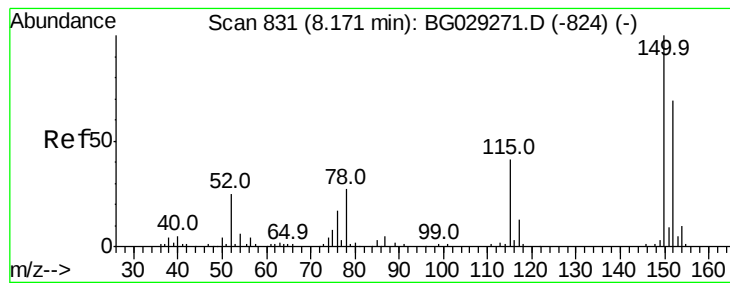
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030562.D
Acq On : 29 Oct 2017 15:22
Operator : SJ/JU
Sample : I6171-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-102617-B

Quant Time: Oct 30 08:20:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-B

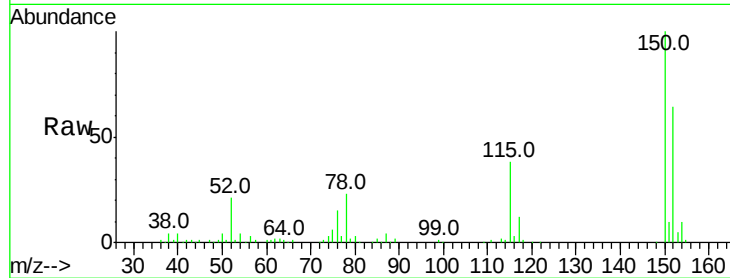
Tot Ion:152 Resp: 81124

Ion Ratio Lower Upper

152 100

150 156.4 126.6 189.8

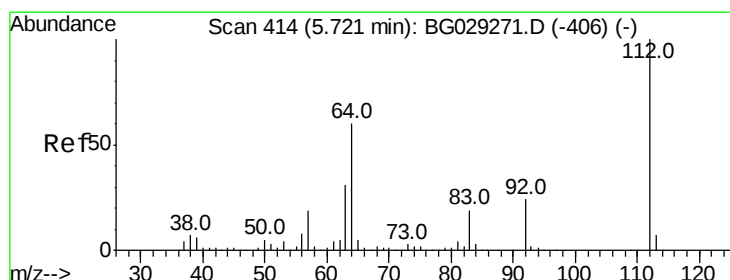
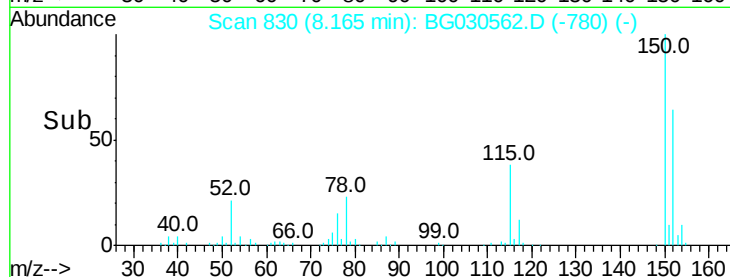
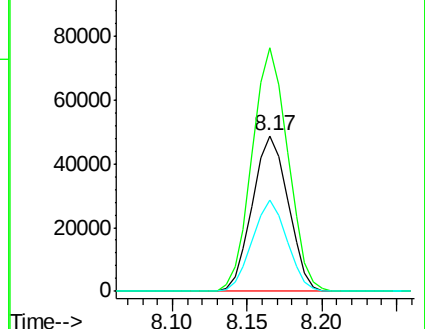
115 59.0 53.0 79.4



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: 142.874 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

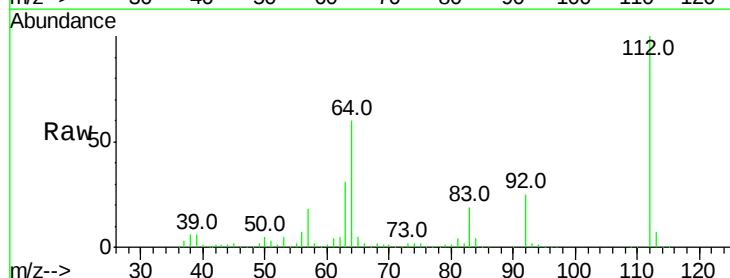
Tgt Ion:112 Resp: 693812

Ion Ratio Lower Upper

112 100

64 59.9 56.3 84.5

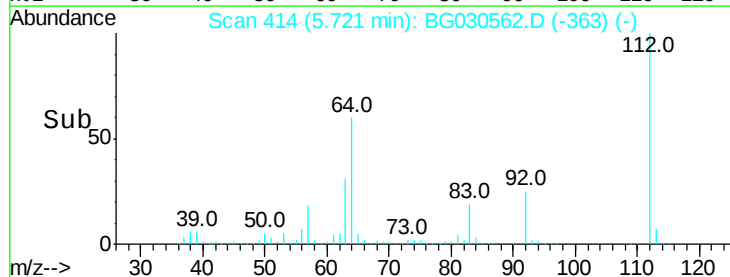
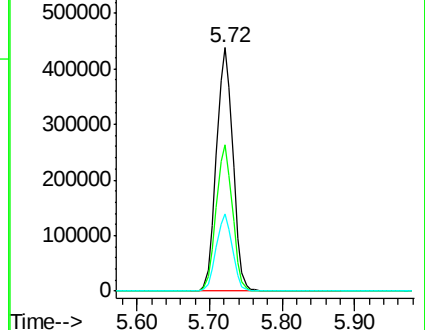
63 31.5 30.1 45.1

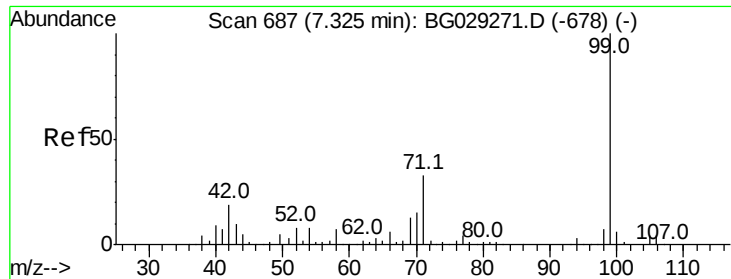


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.384 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-B

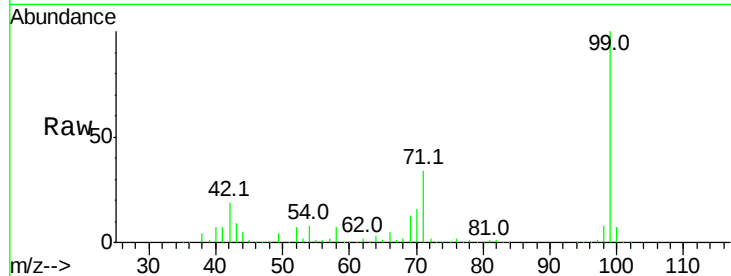
Tot Ion: 99 Resp: 875104

Ion Ratio Lower Upper

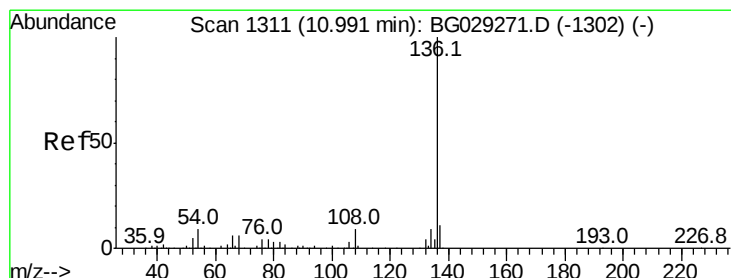
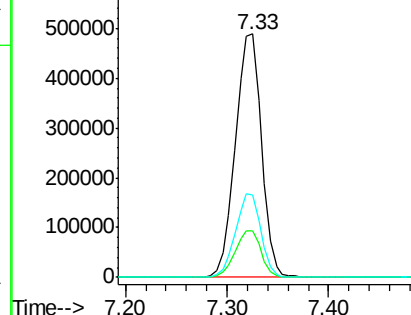
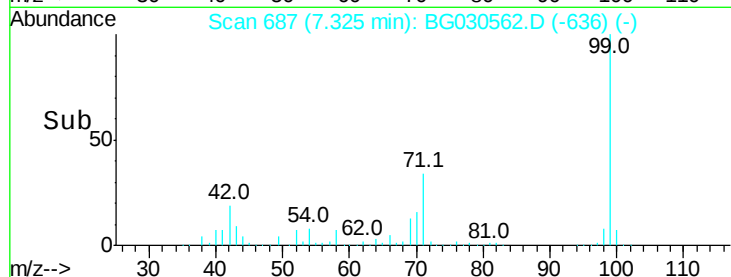
99 100

42 18.9 14.1 21.1

71 33.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Tgt Ion: 136 Resp: 344791

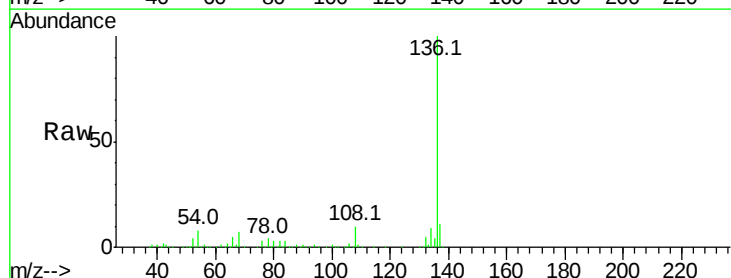
Ion Ratio Lower Upper

136 100

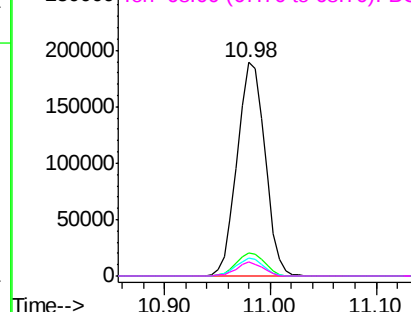
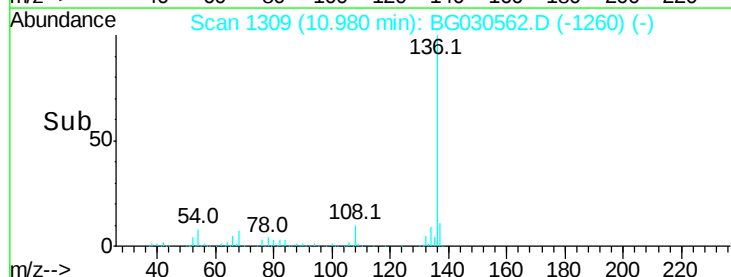
137 10.8 9.2 13.8

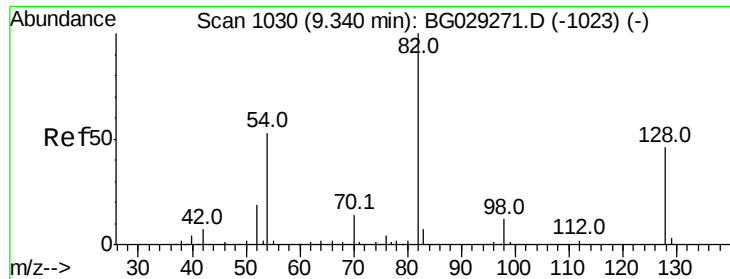
54 8.2 10.3 15.5#

68 6.6 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: 103.167 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-B

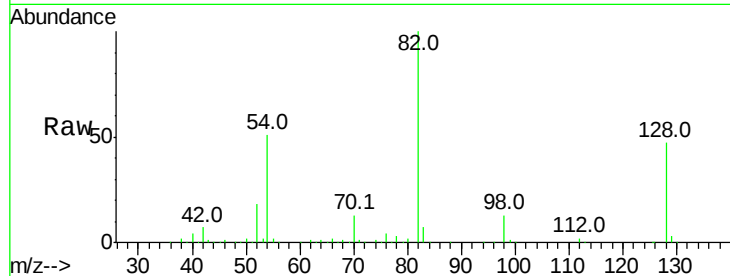
Tot Ion: 82 Resp: 559757

Ion Ratio Lower Upper

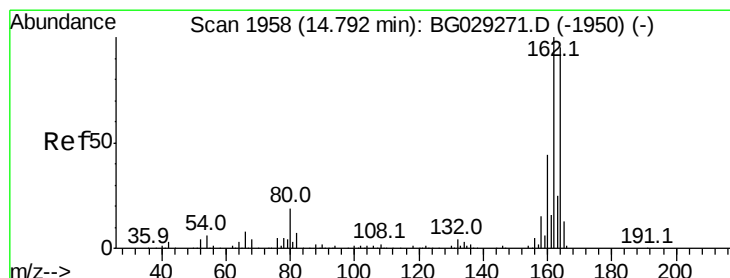
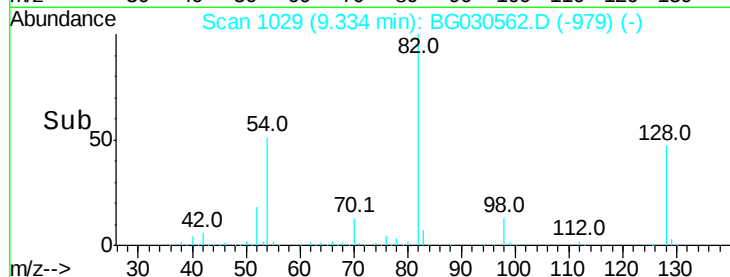
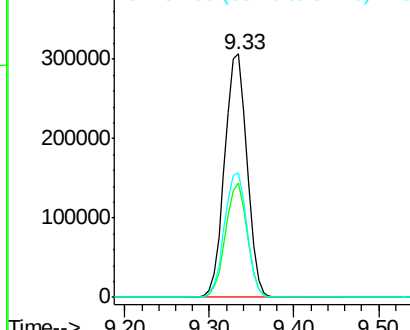
82 100

128 47.0 29.7 44.5#

54 51.2 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# 1956

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

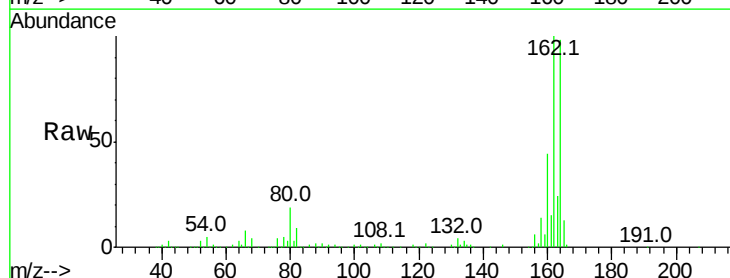
Tgt Ion: 164 Resp: 230621

Ion Ratio Lower Upper

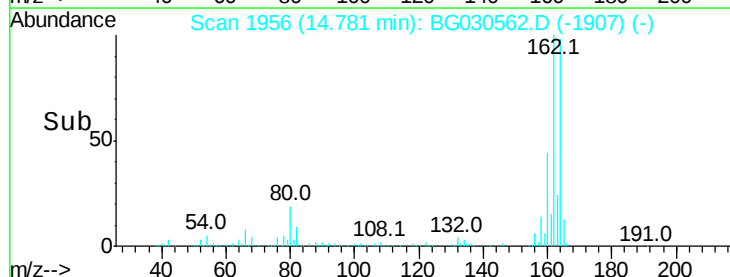
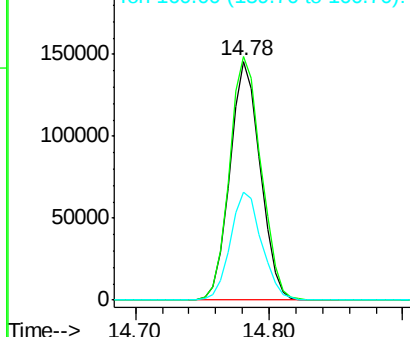
164 100

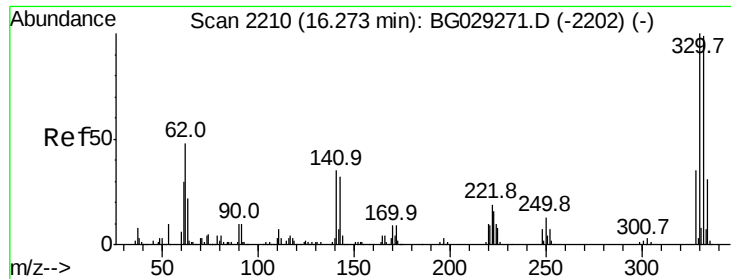
162 102.0 78.8 118.2

160 45.2 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

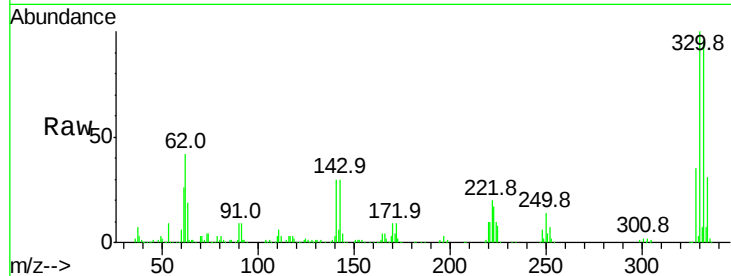




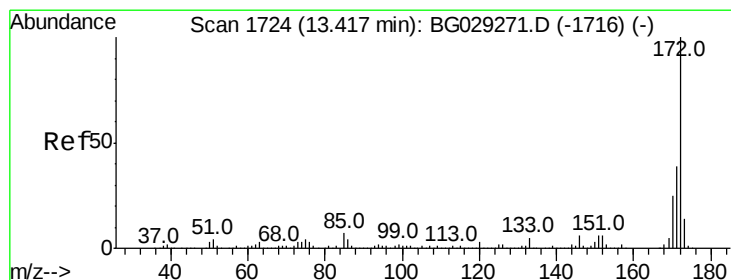
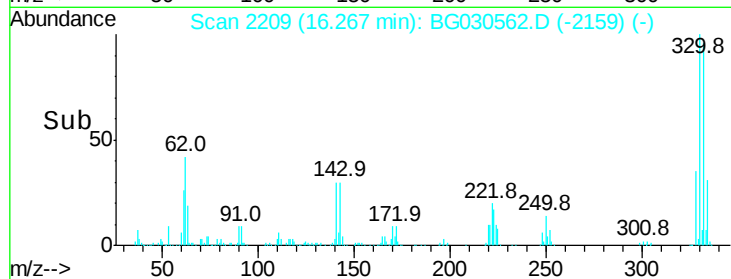
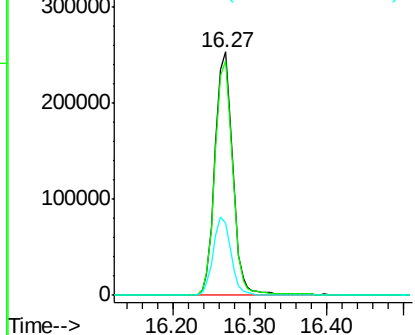
#41
 2,4,6-Tribromophenol
 Concen: 136.437 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-B

Tot Ion:330 Resp: 406249
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 32.1 25.2 37.8

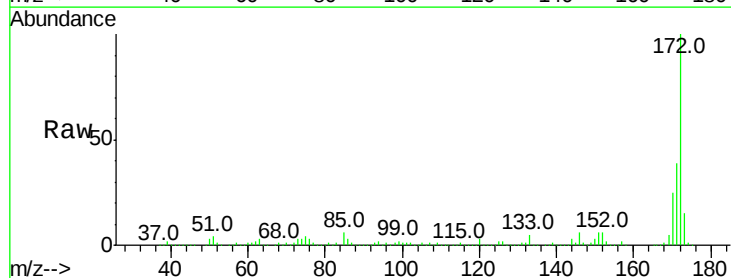


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

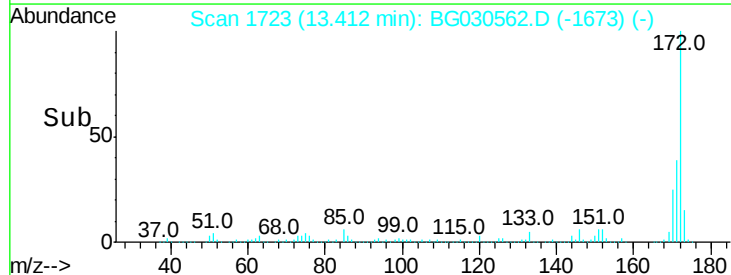
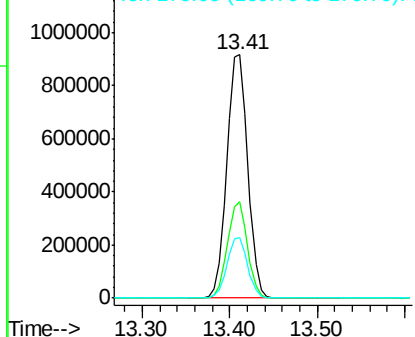


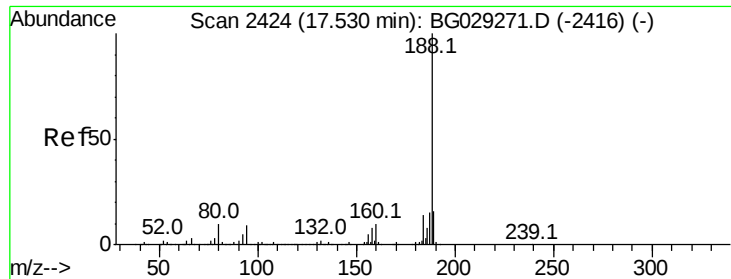
#44
 2-Fluorobiphenyl
 Concen: 95.599 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Tgt Ion:172 Resp: 1503230
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 25.1 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

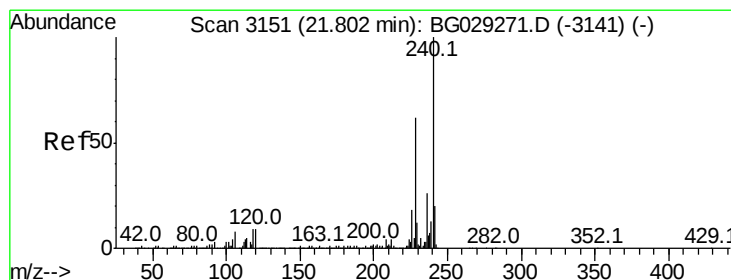
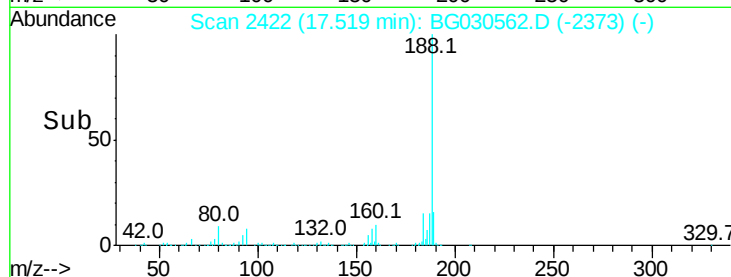
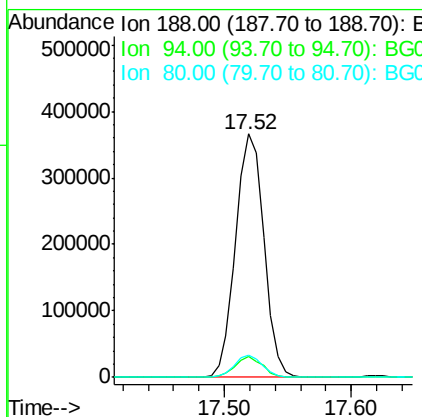
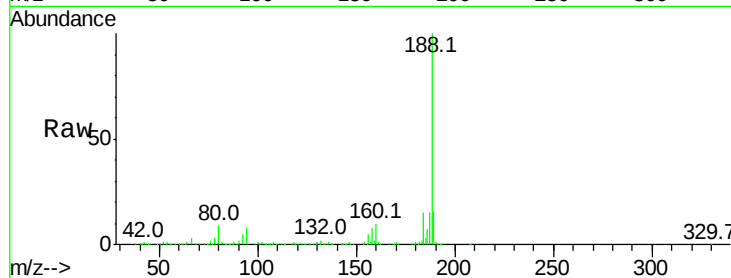




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

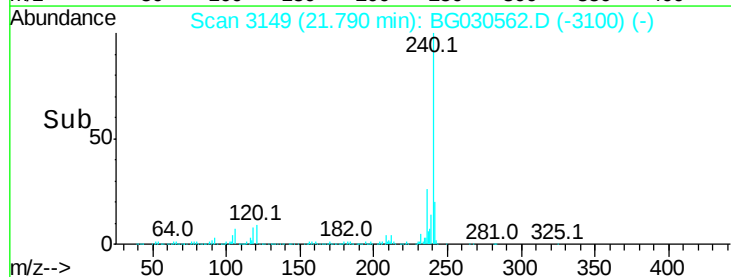
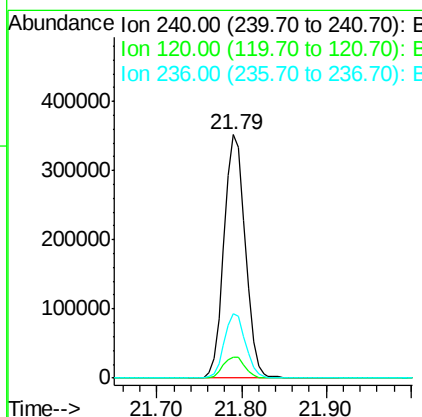
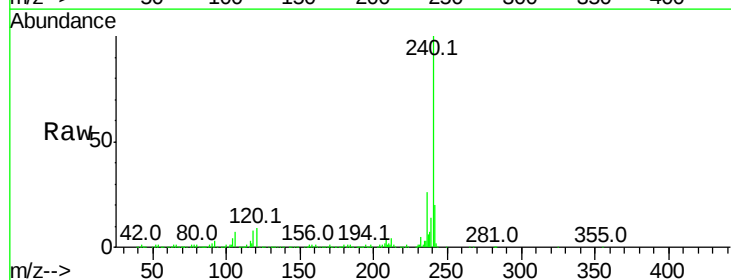
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-B

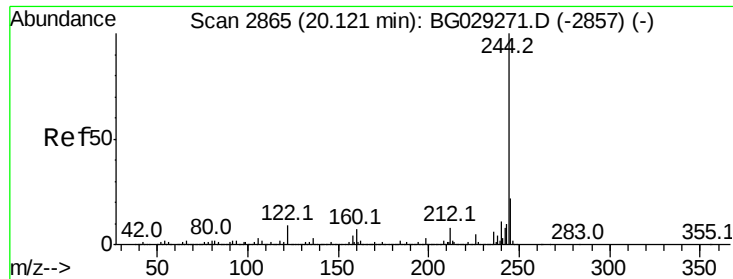
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.1	7.7	11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG030562.D
 Acq: 29 Oct 2017 15:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 88.261 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-B

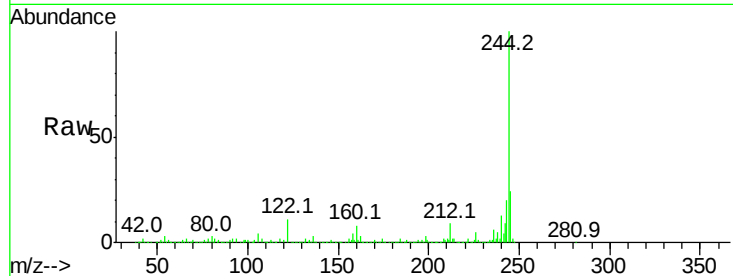
Tot Ion:244 Resp: 2374654

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

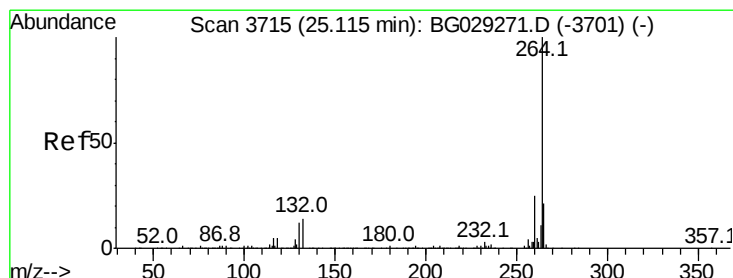
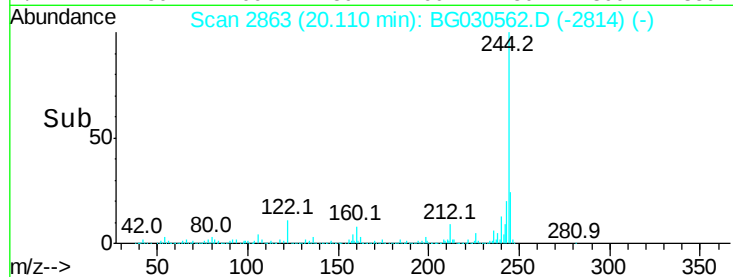
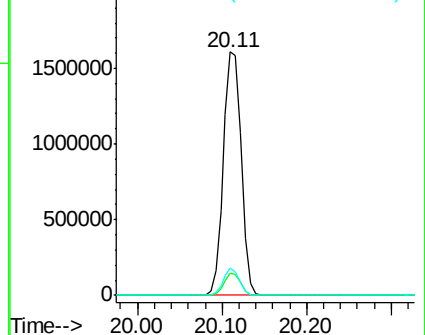
122 11.0 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.01 min

Lab File: BG030562.D

Acq: 29 Oct 2017 15:22

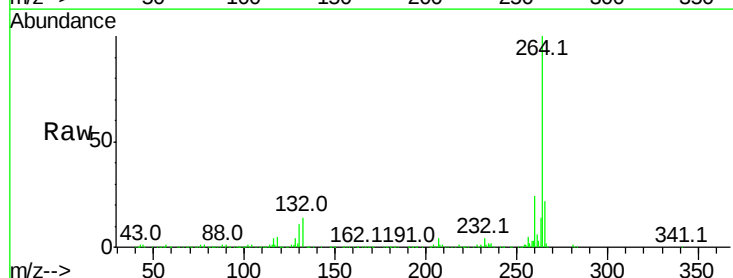
Tgt Ion:264 Resp: 604448

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.9 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

