

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030502.D
 Acq On : 27 Oct 2017 18:04
 Operator : SJ/JU
 Sample : I6112-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3-MARION26KV-(2-3)

Quant Time: Oct 27 18:54:28 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

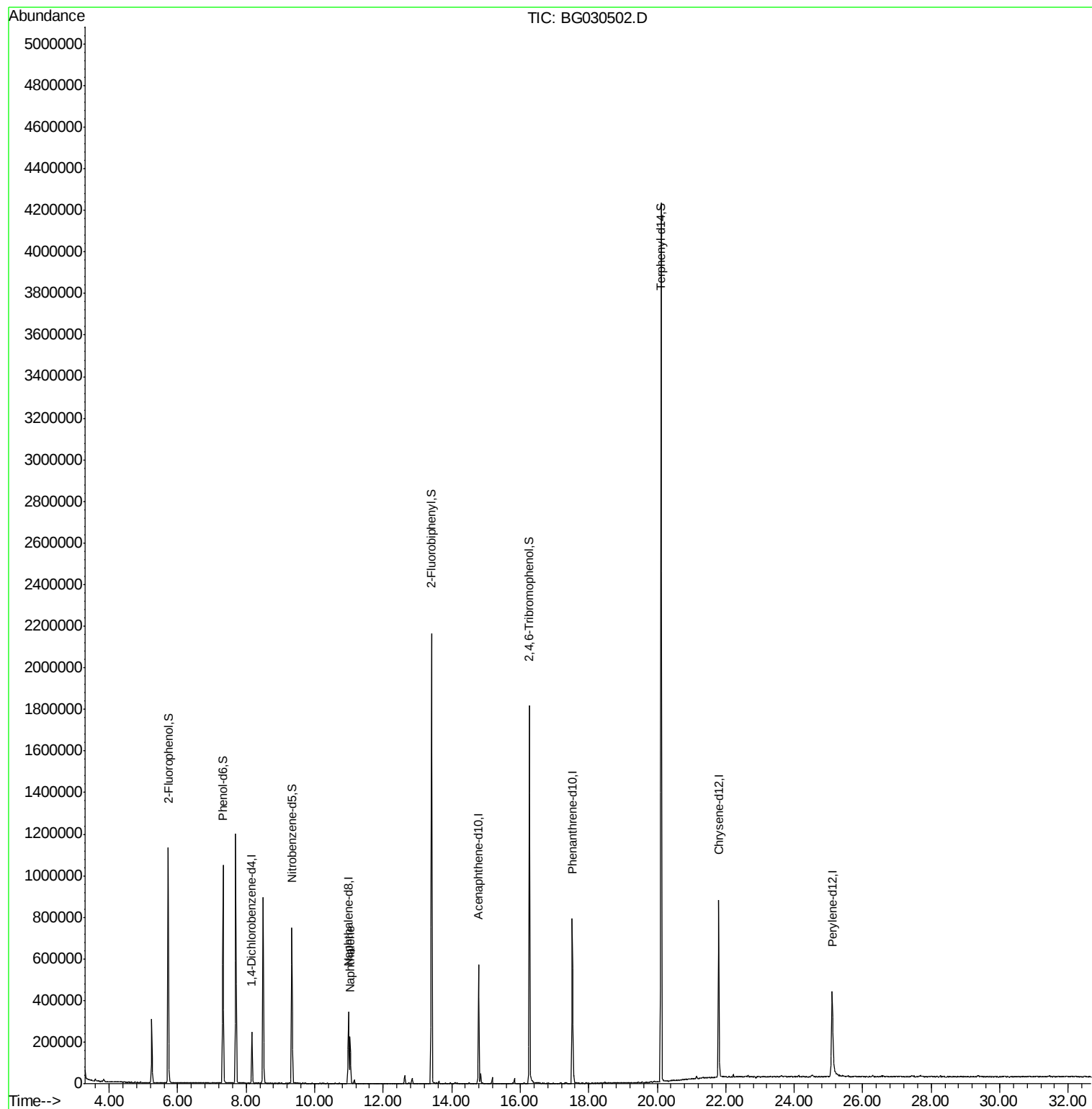
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70636	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	314593	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	206303	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	507599	20.00	ng	0.00
75) Chrysene-d12	21.80	240	546737	20.00	ng	0.00
86) Perylene-d12	25.11	264	538998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	514800	121.75	ng	0.00
7) Phenol-d6	7.32	99	628133	105.83	ng	0.00
23) Nitrobenzene-d5	9.34	82	461643	93.25	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	368314	138.28	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1177874	83.74	ng	0.00
78) Terphenyl-d14	20.11	244	1976014	82.22	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	197352	12.587	ng	Qvalue 98

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
Data File : BG030502.D
Acq On : 27 Oct 2017 18:04
Operator : SJ/JU
Sample : I6112-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3-MARION26KV-(2-3)

Quant Time: Oct 27 18:54:28 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



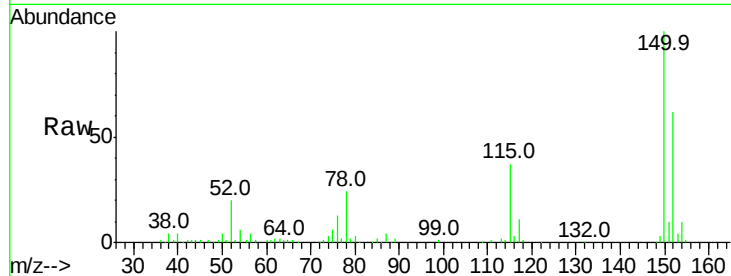


#1

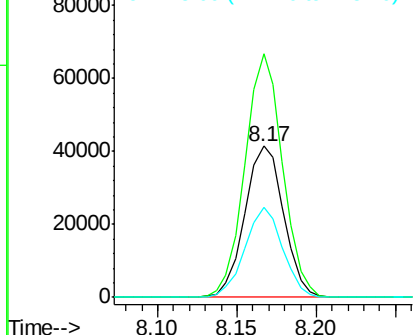
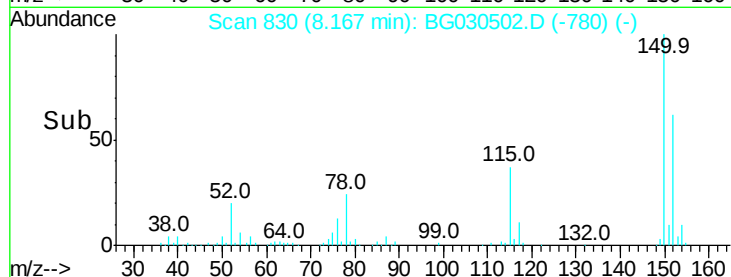
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030502.D
Acq: 27 Oct 2017 18:04

Instrument :
BNA_G
ClientSampleId :
3-MARION26KV-(2-3)

Tot Ion:152 Resp: 70636
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 59.6 53.0 79.4



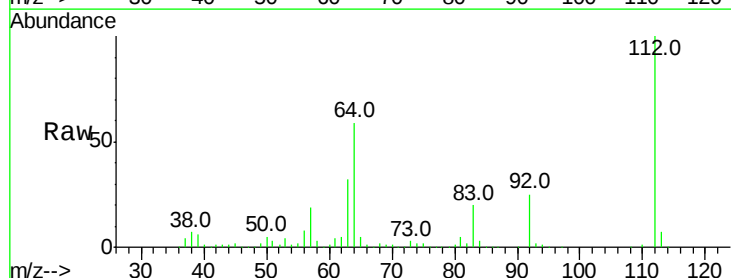
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



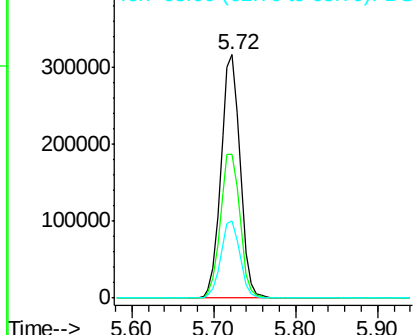
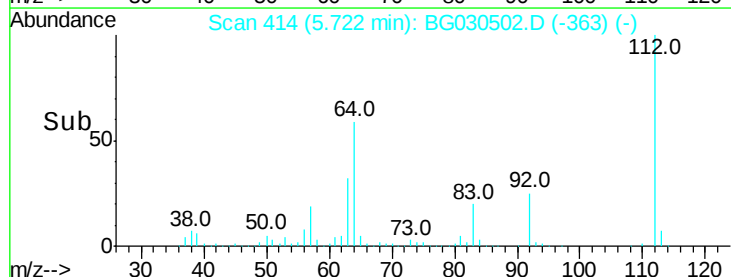
#5

2-Fluorophenol
Concen: 121.751 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030502.D
Acq: 27 Oct 2017 18:04

Tgt Ion:112 Resp: 514800
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 31.6 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: 105.834 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

Instrument :

BNA_G

ClientSampleId :

3-MARION26KV-(2-3)

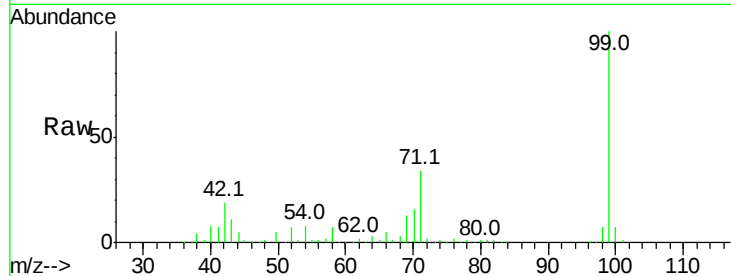
Tot Ion: 99 Resp: 628133

Ion Ratio Lower Upper

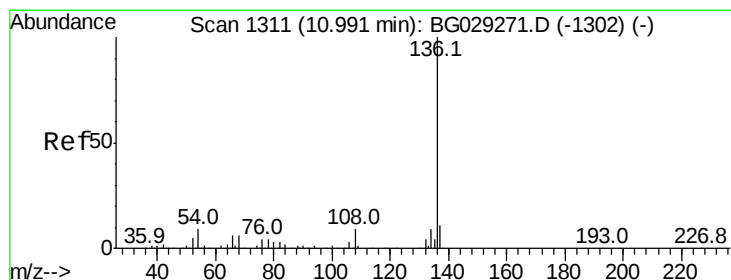
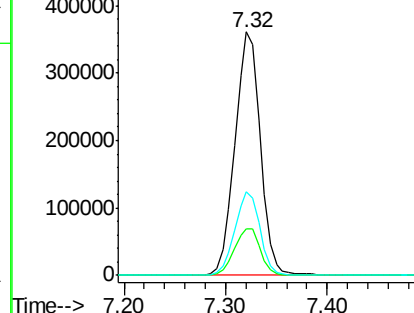
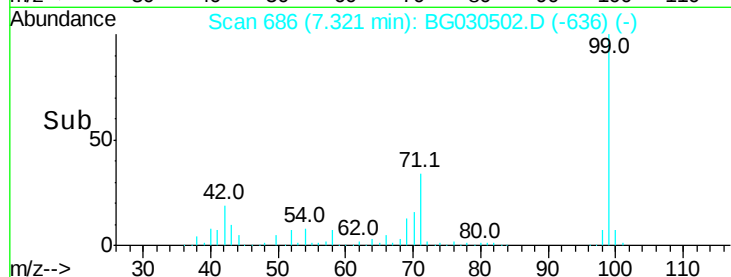
99 100

42 19.1 14.1 21.1

71 34.3 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: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

Tgt Ion: 136 Resp: 314593

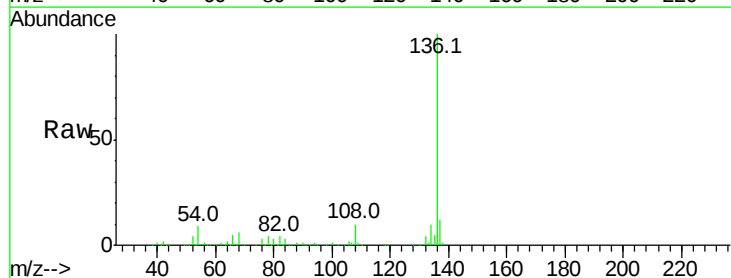
Ion Ratio Lower Upper

136 100

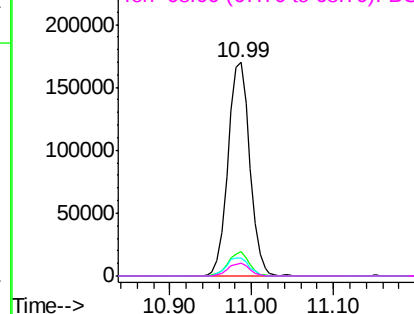
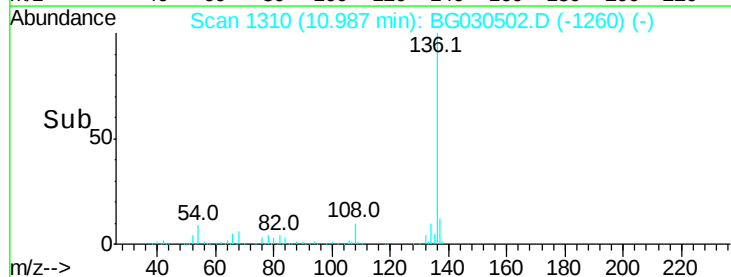
137 11.6 9.2 13.8

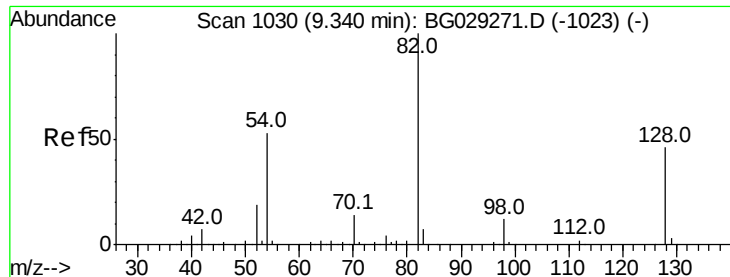
54 8.5 10.3 15.5#

68 5.9 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: 93.251 ng

RT: 9.34 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

Instrument :

BNA_G

ClientSampleId :

3-MARION26KV-(2-3)

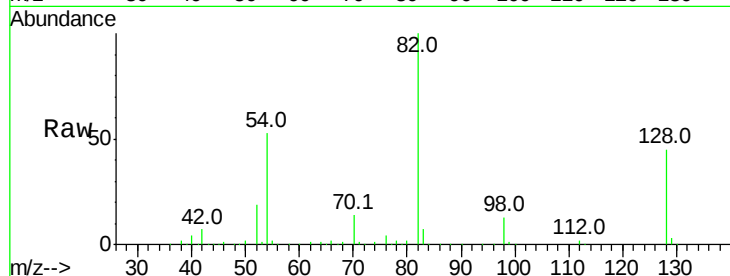
Tot Ion: 82 Resp: 461643

Ion Ratio Lower Upper

82 100

128 45.4 29.7 44.5#

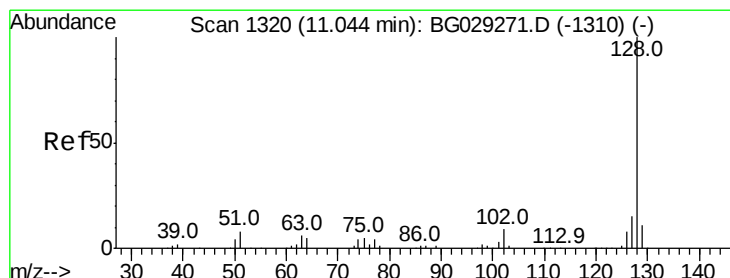
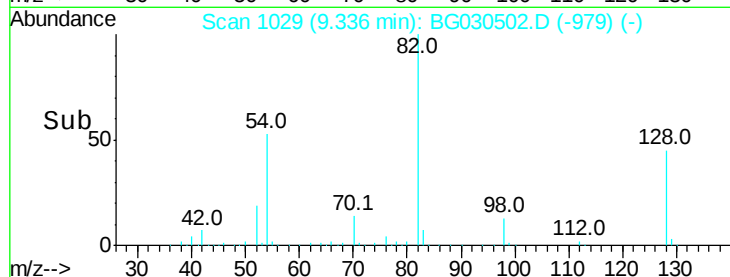
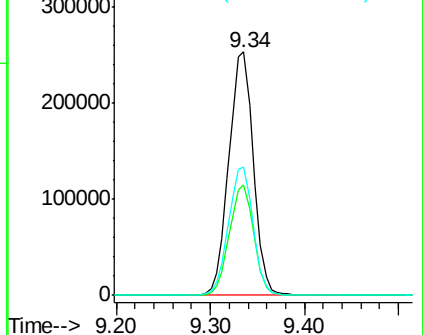
54 53.0 43.1 64.7



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



#31

Naphthalene

Concen: 12.587 ng

RT: 11.03 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

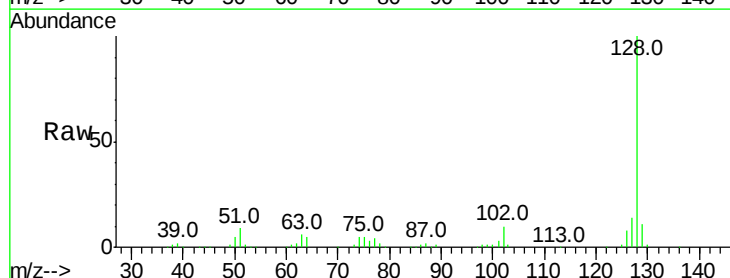
Tgt Ion:128 Resp: 197352

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

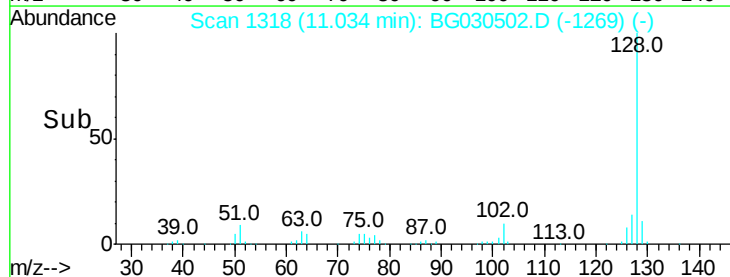
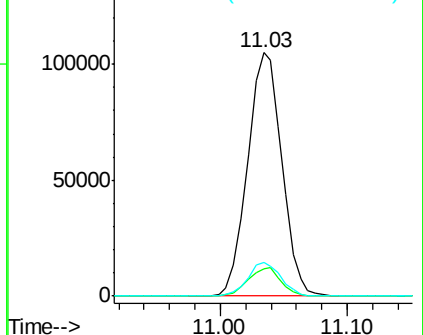
127 13.6 11.6 17.4

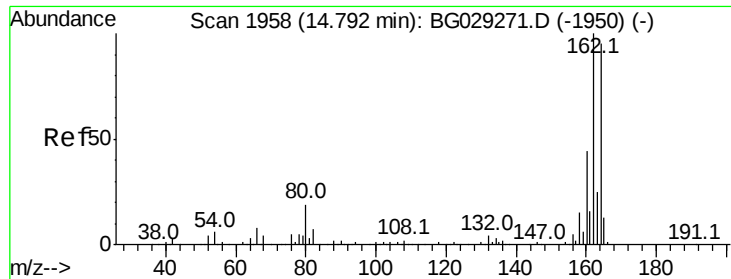


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

Instrument :

BNA_G

ClientSampleId :

3-MARION26KV-(2-3)

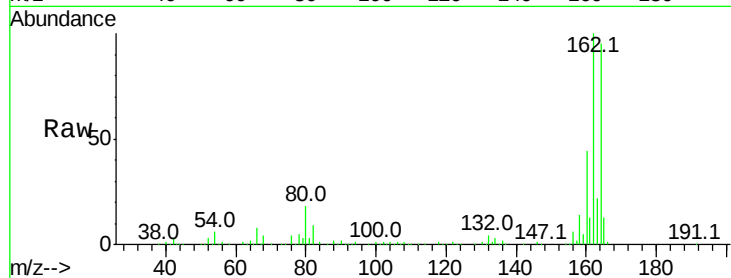
Tot Ion:164 Resp: 206303

Ion Ratio Lower Upper

164 100

162 105.7 78.8 118.2

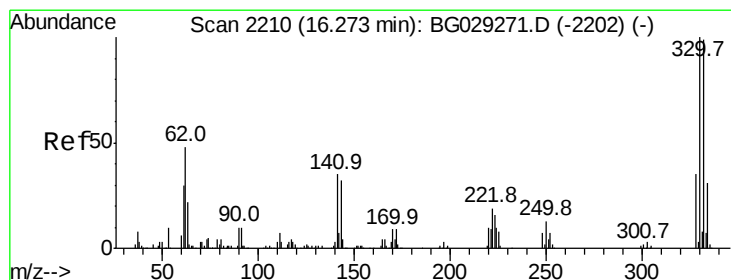
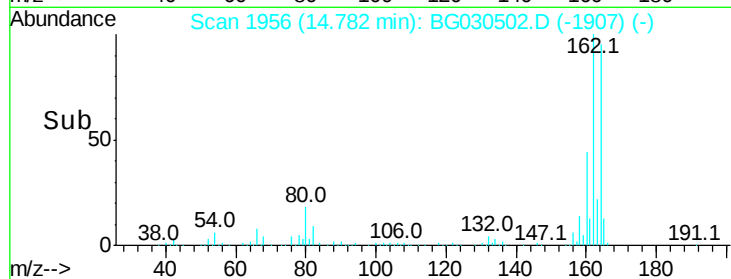
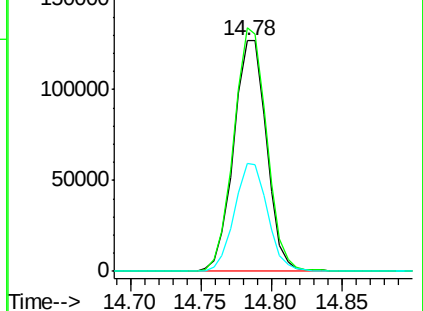
160 47.0 35.4 53.0



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: 138.278 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

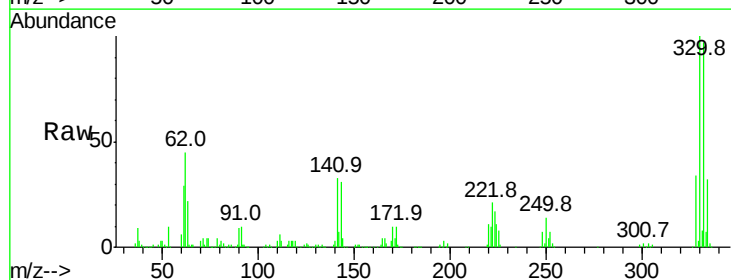
Tgt Ion:330 Resp: 368314

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

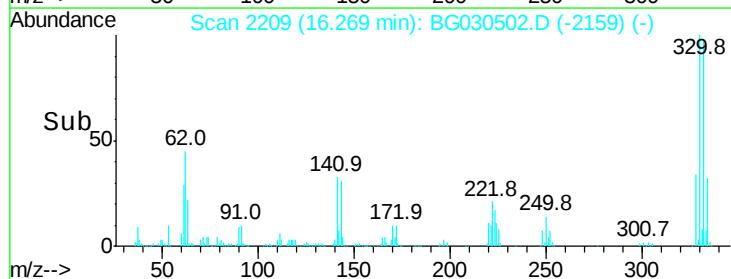
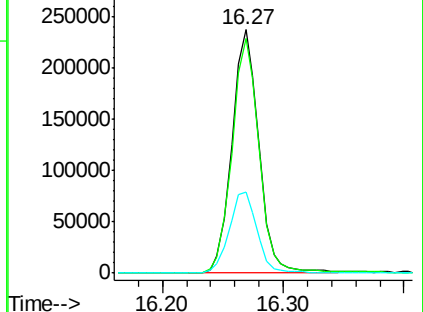
141 34.3 25.2 37.8



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



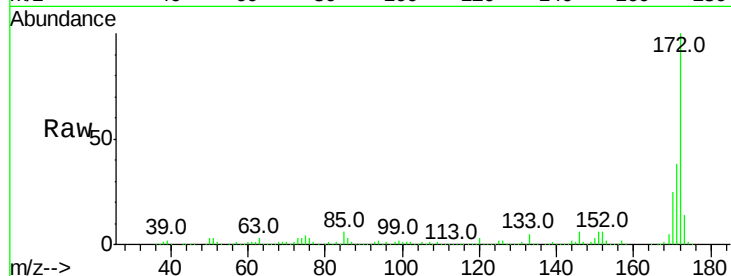


#44
 2-Fluorobiphenyl
 Concen: 83.738 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030502.D
 Acq: 27 Oct 2017 18:04

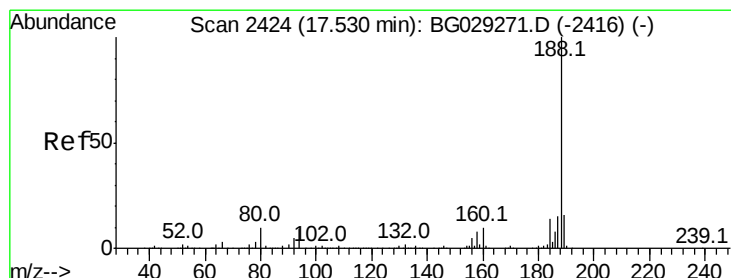
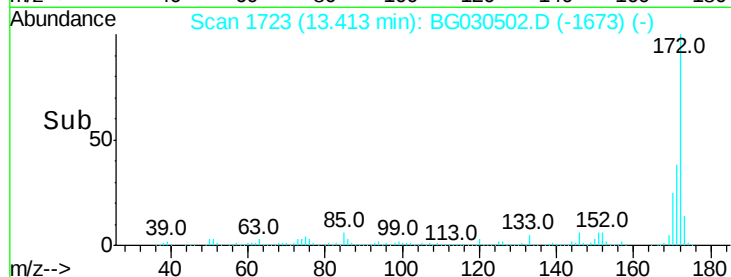
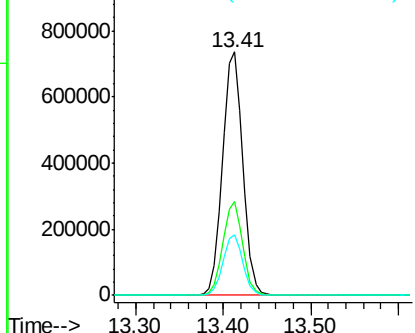
Instrument :
 BNA_G
 ClientSampleId :
 3-MARION26KV-(2-3)

Tot Ion:172 Resp: 1177874

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.8	19.5	29.3



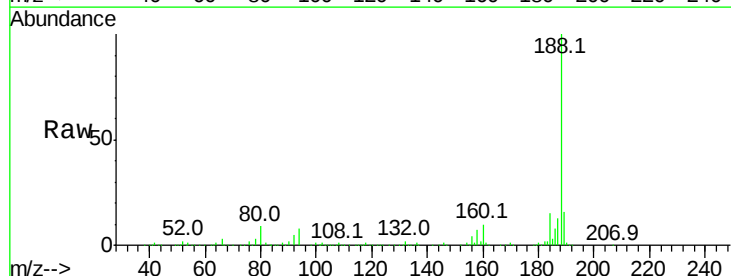
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



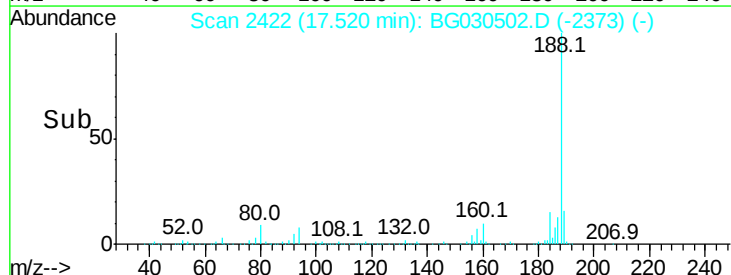
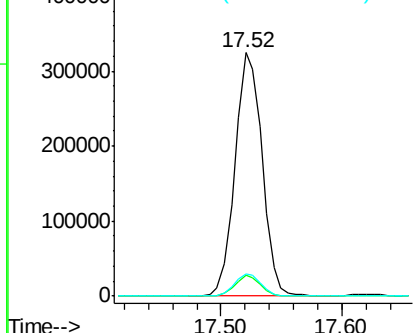
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030502.D
 Acq: 27 Oct 2017 18:04

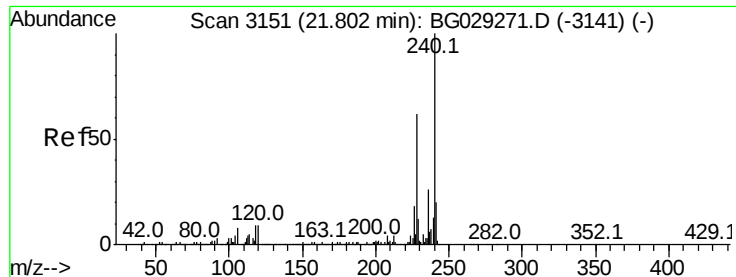
Tgt Ion:188 Resp: 507599

Ion	Ratio	Lower	Upper
188	100		
94	8.4	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): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

Instrument :

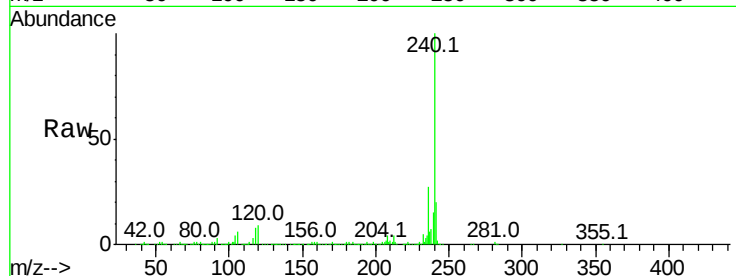
BNA_G

ClientSampleId :

3-MARION26KV-(2-3)

Tot Ion:240 Resp: 546737

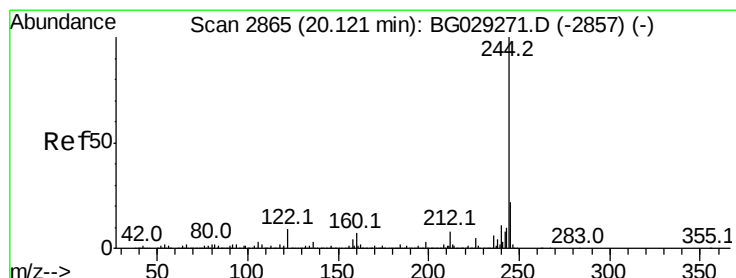
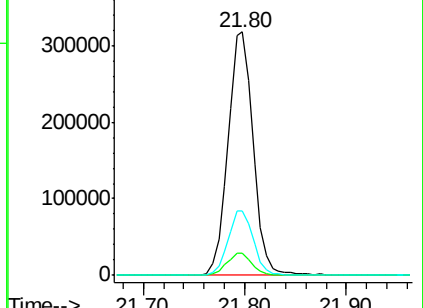
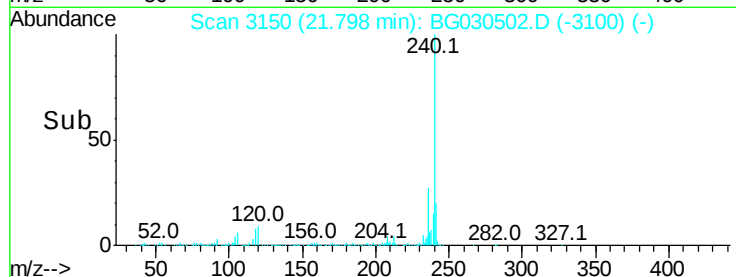
Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	26.7	20.9	31.3



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: 82.220 ng

RT: 20.11 min Scan# 2863

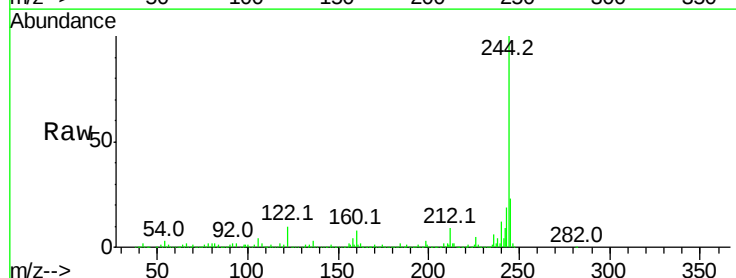
Delta R.T. -0.01 min

Lab File: BG030502.D

Acq: 27 Oct 2017 18:04

Tgt Ion:244 Resp: 1976014

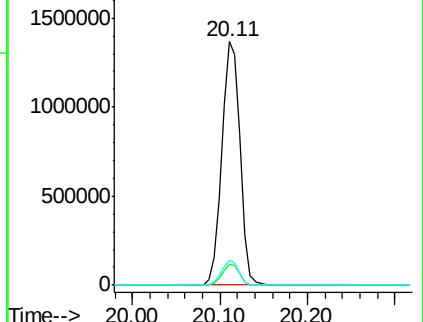
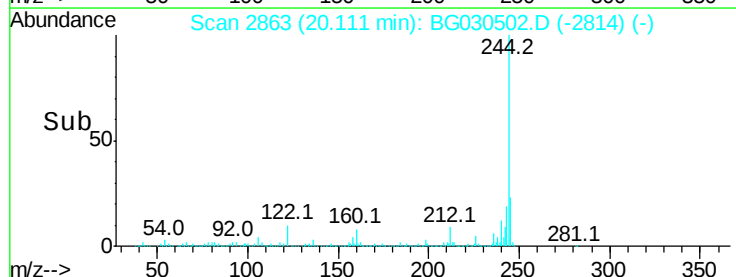
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	10.4	7.0	10.4

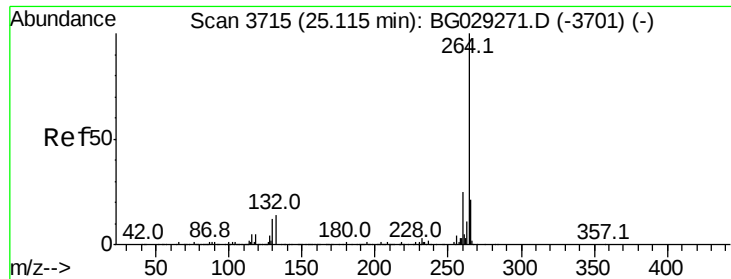


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

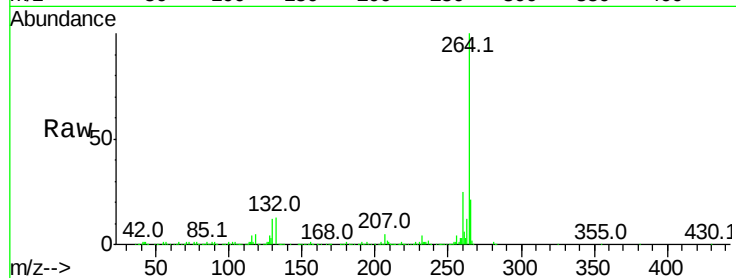




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG030502.D
 Acq: 27 Oct 2017 18:04

Instrument :
 BNA_G
 ClientSampleId :
 3-MARION26KV-(2-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	20.6	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

