

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031158.D
 Acq On : 21 Nov 2017 18:35
 Operator : SJ/JU
 Sample : I6501-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-23

Quant Time: Nov 22 02:21:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55699	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	242248	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	162528	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	429156	20.00	ng	0.00
75) Chrysene-d12	21.79	240	536478	20.00	ng	0.00
86) Perylene-d12	25.12	264	521845	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	245970	75.72	ng	-0.01
7) Phenol-d6	7.30	99	204695	46.78	ng	0.00
23) Nitrobenzene-d5	9.31	82	381019	93.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	316824	120.50	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1122934	99.28	ng	-0.02
78) Terphenyl-d14	20.10	244	2022724	83.25	ng	0.00

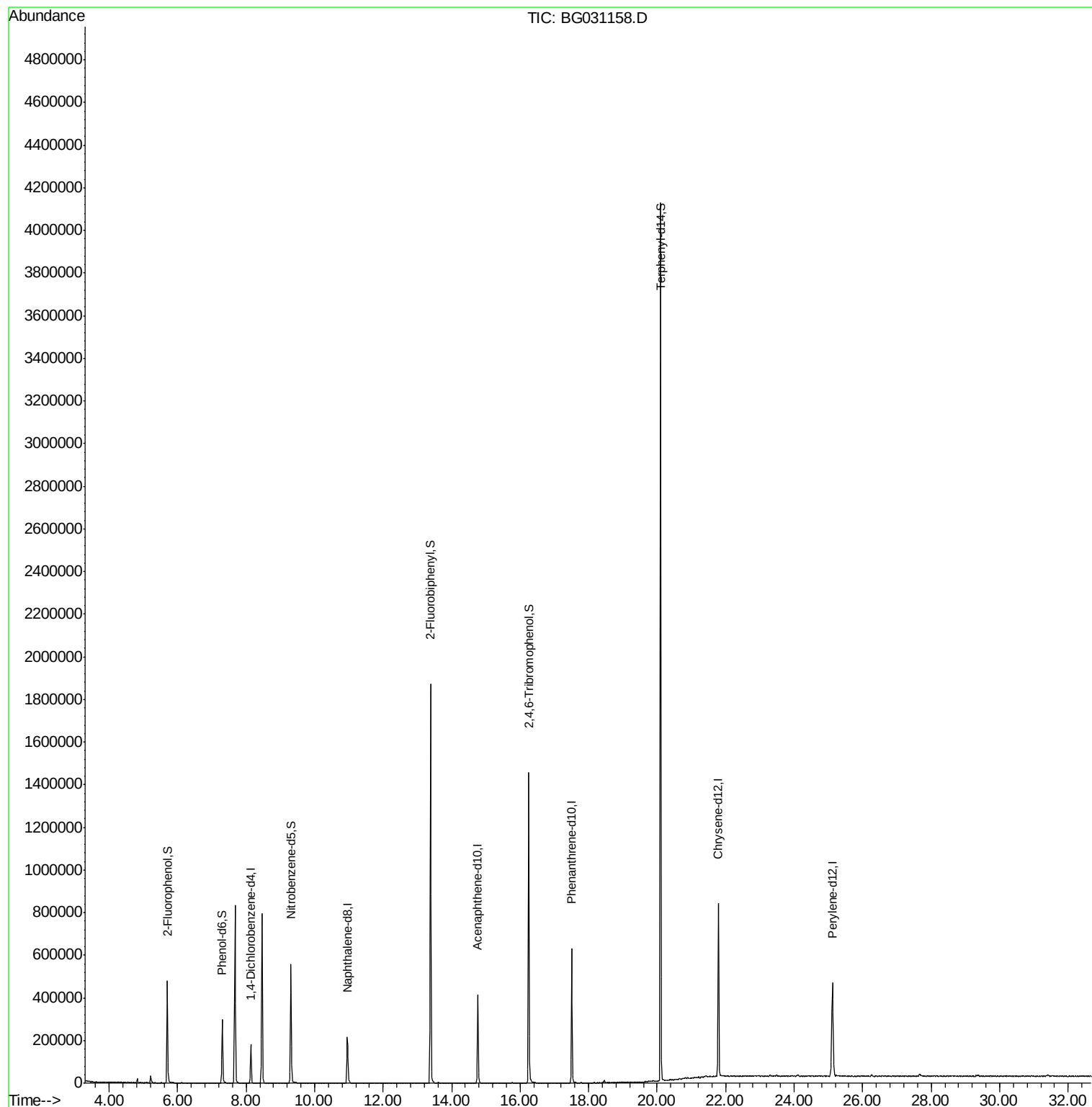
Target Compounds Qvalue

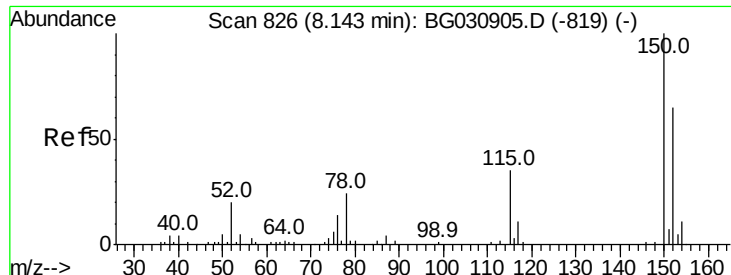
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031158.D
Acq On : 21 Nov 2017 18:35
Operator : SJ/JU
Sample : I6501-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-23

Quant Time: Nov 22 02:21:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration



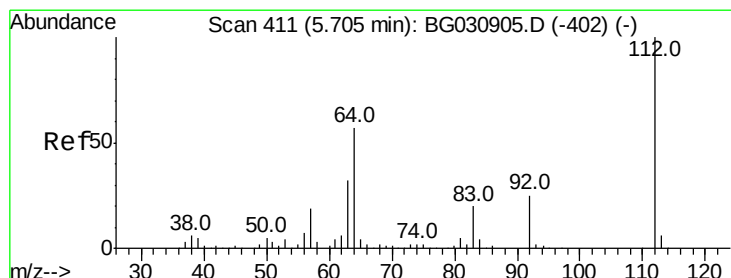
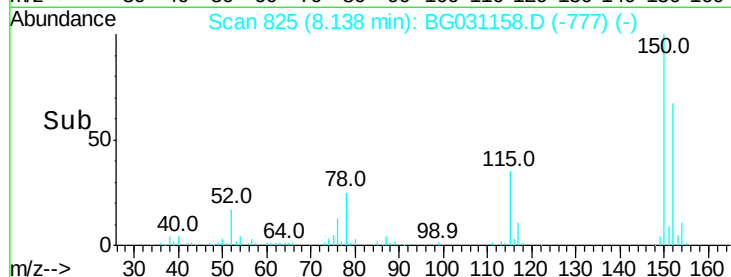
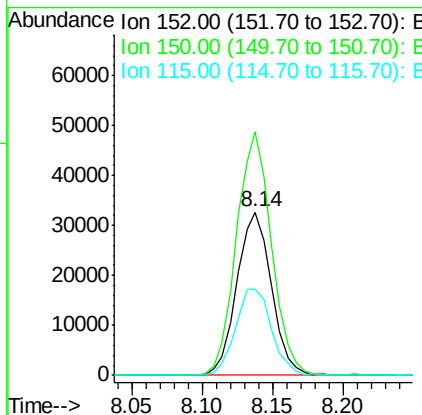
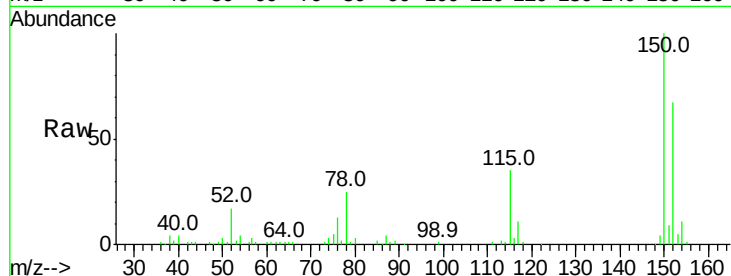


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

Instrument :
BNA_G
ClientSampleId :
MW-23

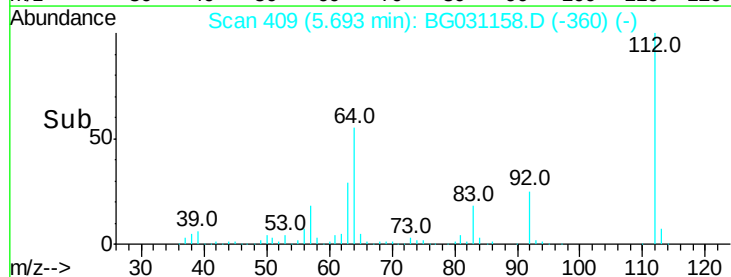
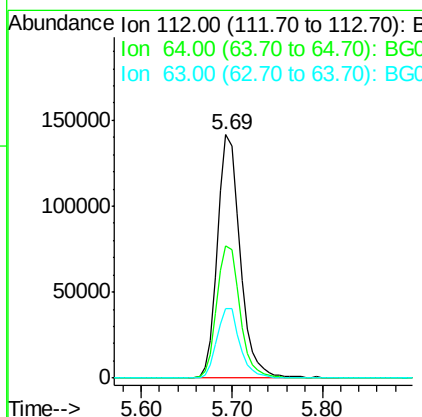
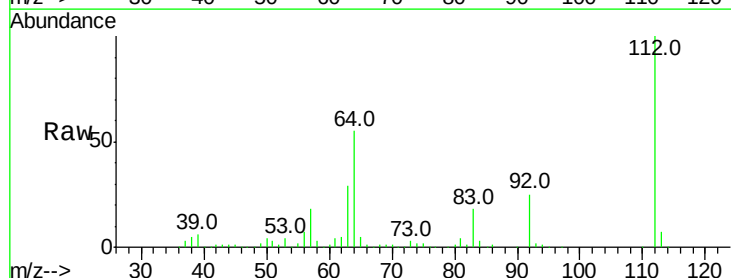
Tot Ion:152 Resp: 55699
Ion Ratio Lower Upper
152 100
150 149.0 126.6 189.8
115 52.8 53.0 79.4#

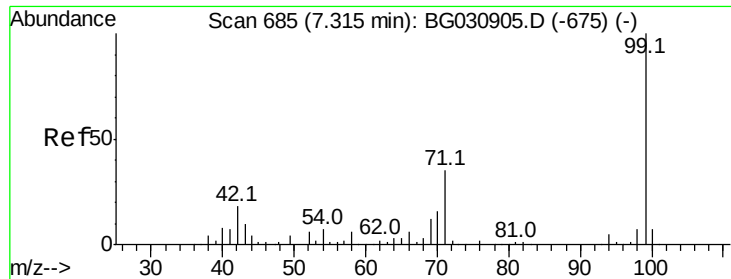


#5

2-Fluorophenol
Concen: 75.725 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

Tgt Ion:112 Resp: 245970
Ion Ratio Lower Upper
112 100
64 54.6 56.3 84.5#
63 28.7 30.1 45.1#





#7

Phenol-d6

Concen: 46.776 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

Instrument :

BNA_G

ClientSampled :

MW-23

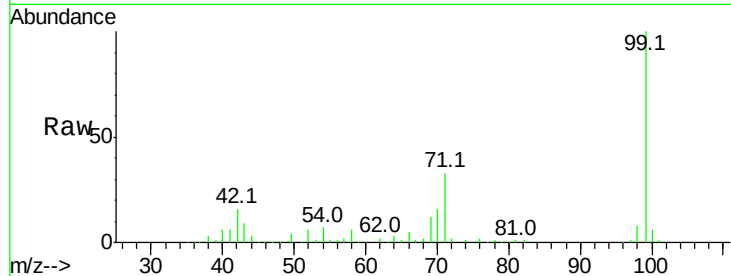
Tot Ion: 99 Resp: 204695

Ion Ratio Lower Upper

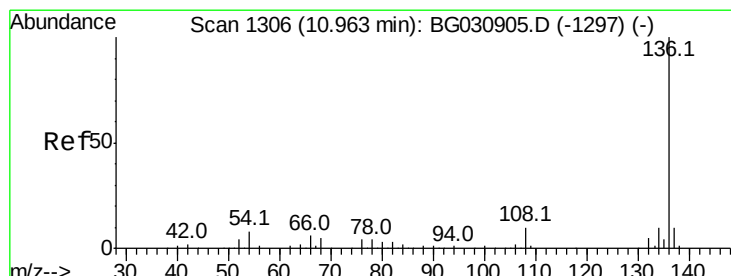
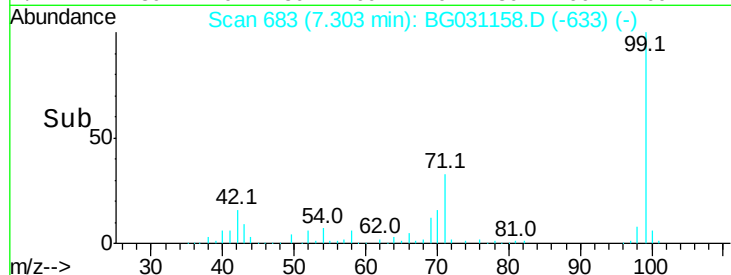
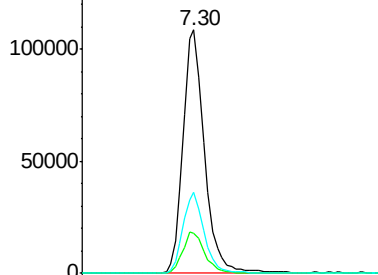
99 100

42 16.3 14.1 21.1

71 33.5 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

Tgt Ion: 136 Resp: 242248

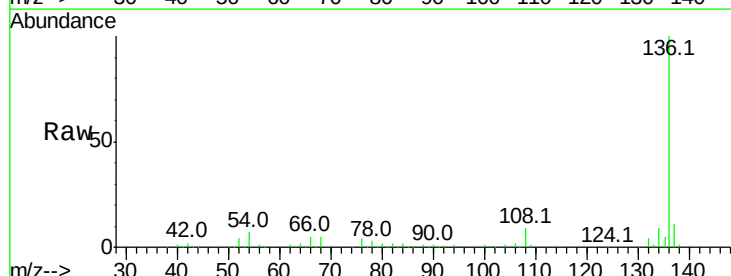
Ion Ratio Lower Upper

136 100

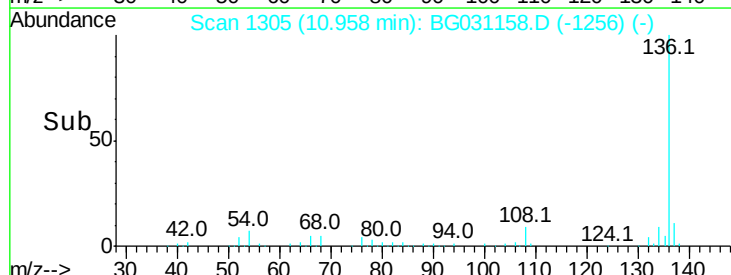
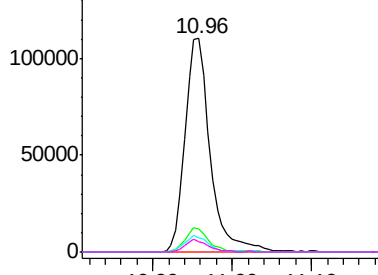
137 10.7 9.2 13.8

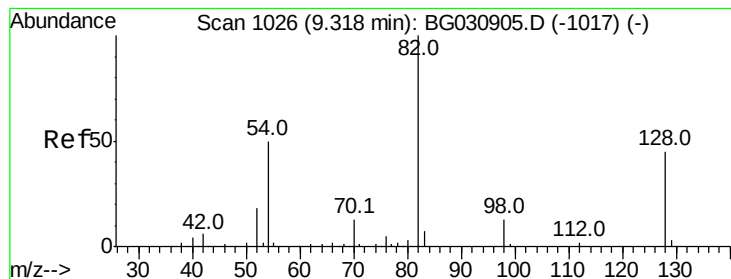
54 6.8 10.3 15.5#

68 4.8 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: 93.201 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

Instrument :

BNA_G

ClientSampled :

MW-23

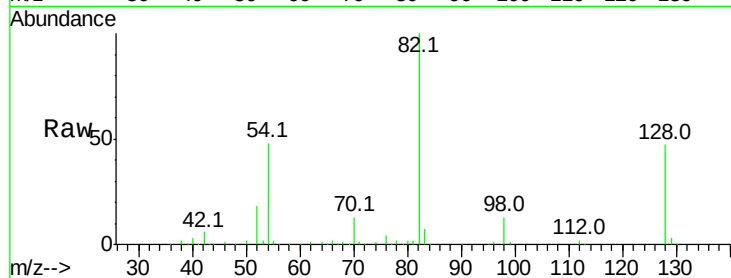
Tot Ion: 82 Resp: 381019

Ion Ratio Lower Upper

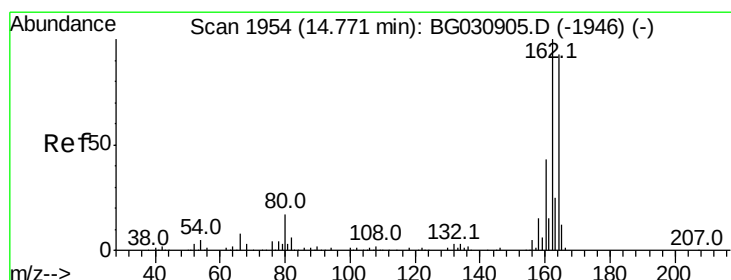
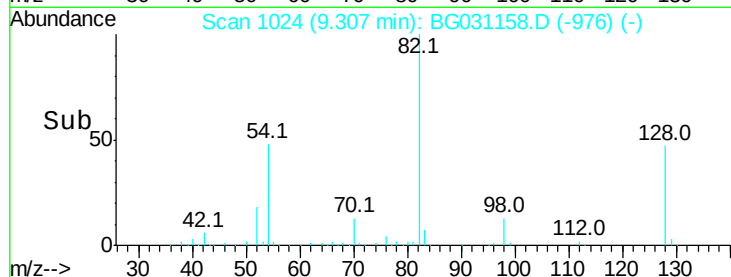
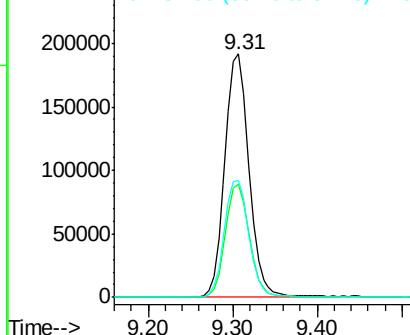
82 100

128 46.6 29.7 44.5#

54 48.2 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: 14.76 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

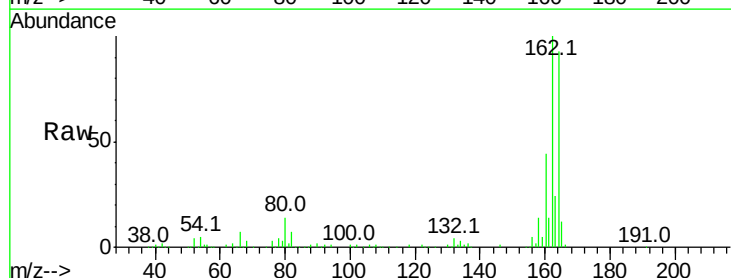
Tgt Ion:164 Resp: 162528

Ion Ratio Lower Upper

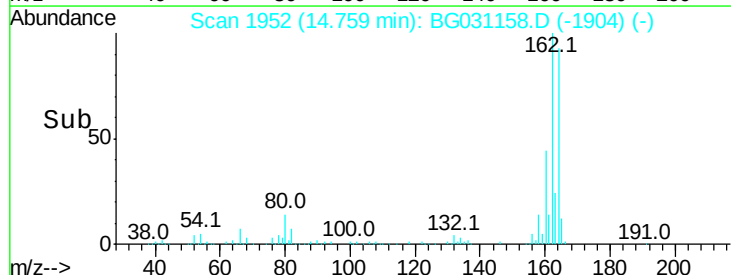
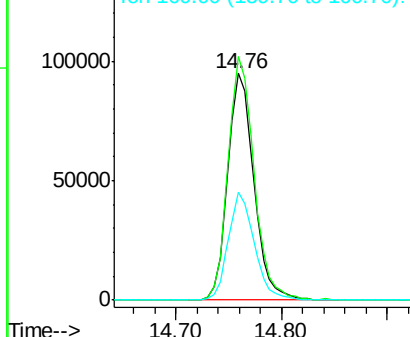
164 100

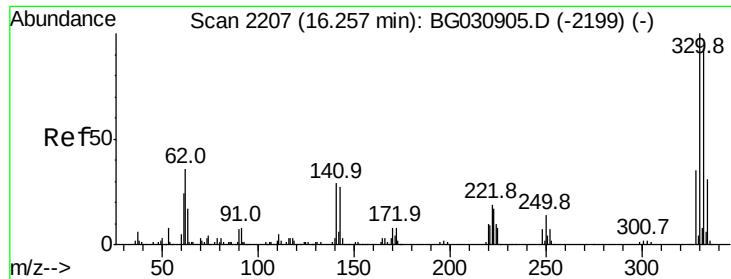
162 107.4 78.8 118.2

160 47.4 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

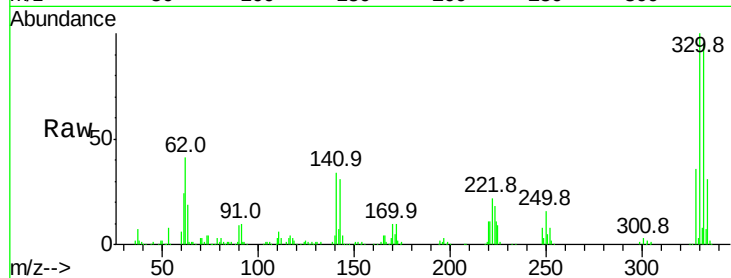




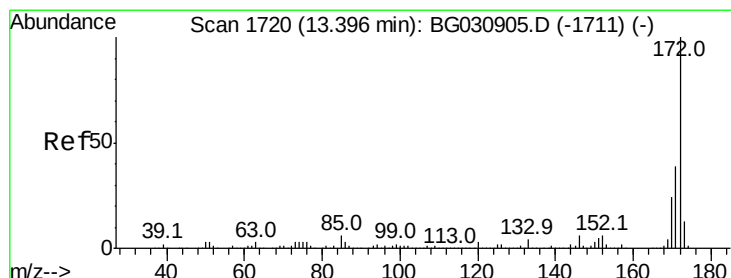
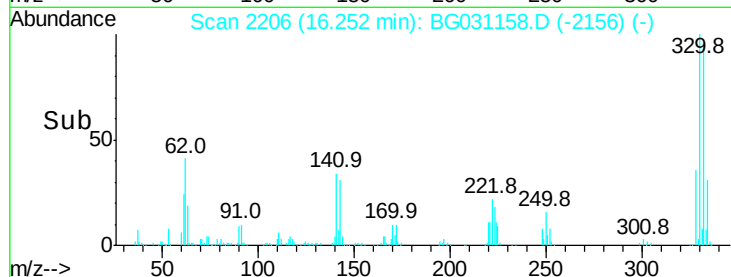
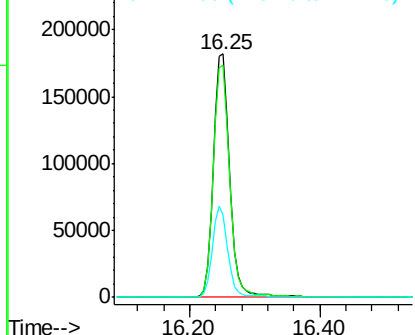
#41
 2,4,6-Tribromophenol
 Concen: 120.503 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BG031158.D
 Acq: 21 Nov 2017 18:35

Instrument :
 BNA_G
 ClientSampled :
 MW-23

Tot Ion:330 Resp: 316824
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 35.5 25.2 37.8

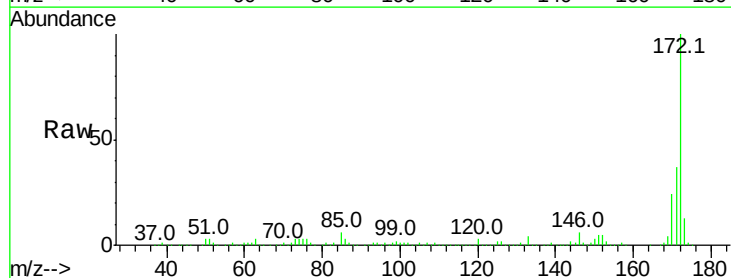


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

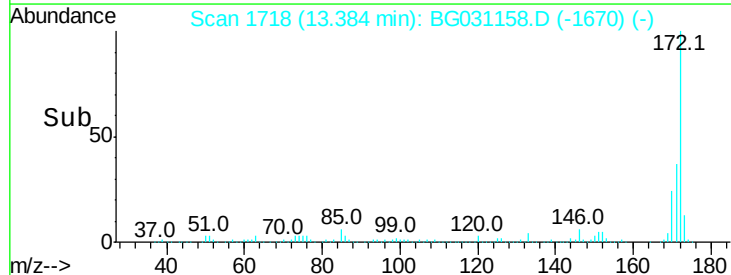
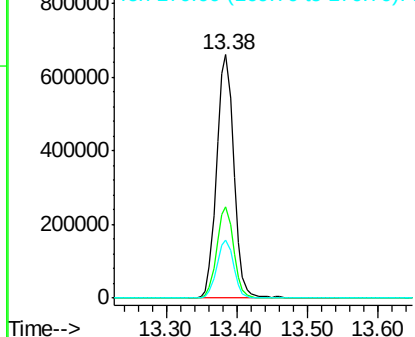


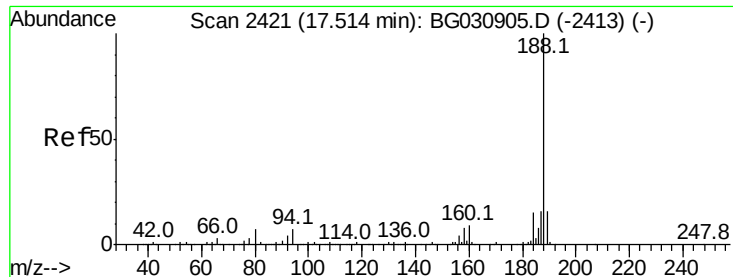
#44
 2-Fluorobiphenyl
 Concen: 99.277 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031158.D
 Acq: 21 Nov 2017 18:35

Tgt Ion:172 Resp: 1122934
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 23.8 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

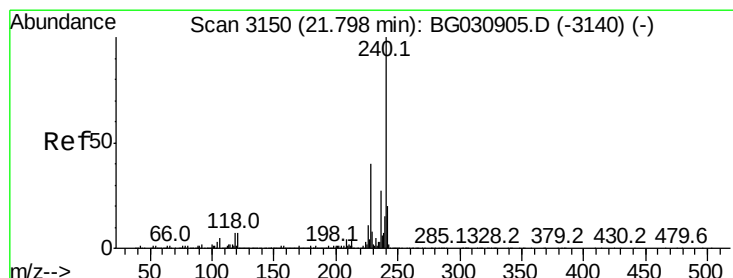
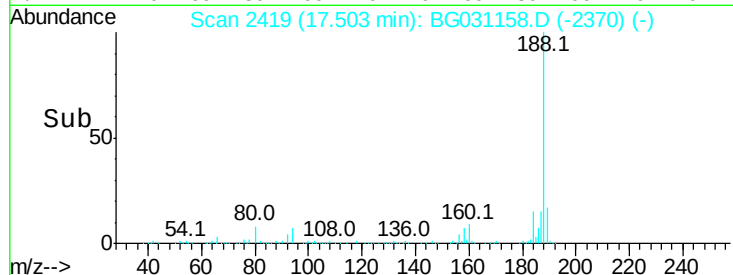
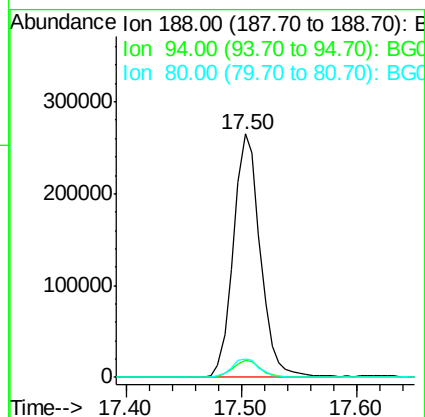
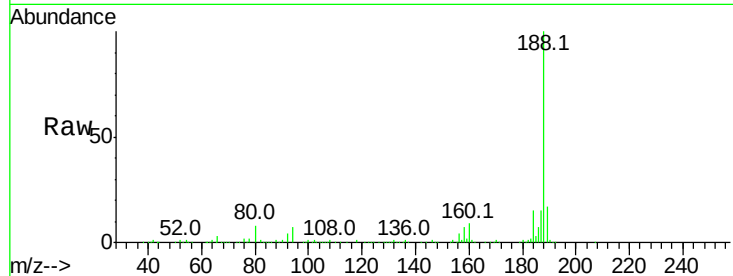




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

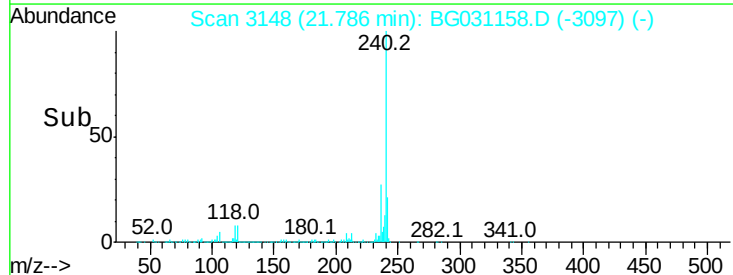
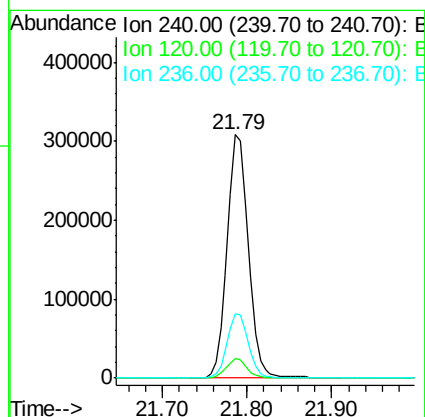
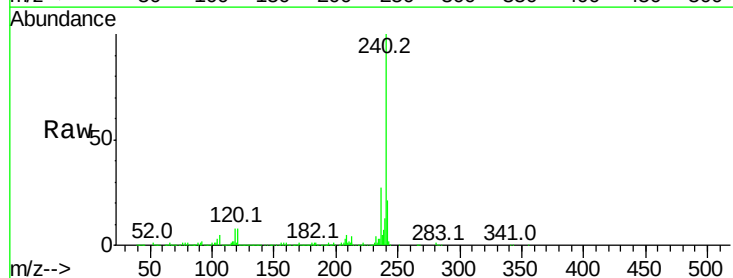
Instrument :
BNA_G
ClientSampleId :
MW-23

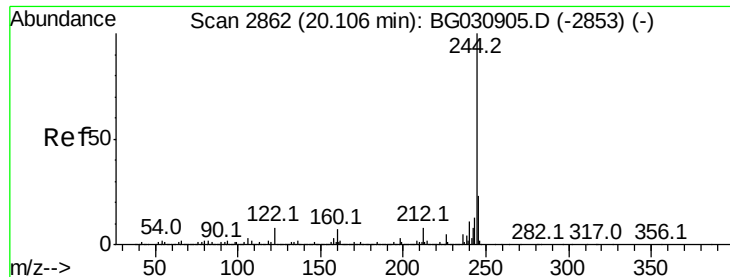
Tot Ion:188 Resp: 429156
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG031158.D
Acq: 21 Nov 2017 18:35

Tgt Ion:240 Resp: 536478
Ion Ratio Lower Upper
240 100
120 7.8 6.8 10.2
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 83.253 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

Instrument :

BNA_G

ClientSampleId :

MW-23

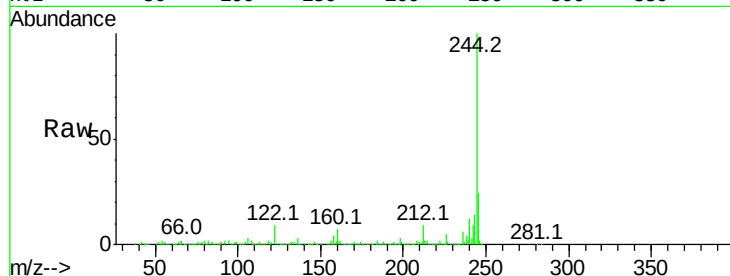
Tot Ion:244 Resp: 2022724

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

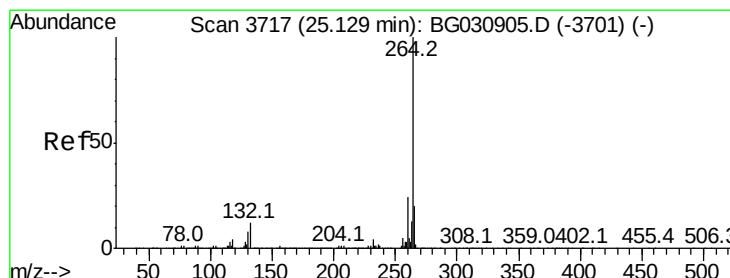
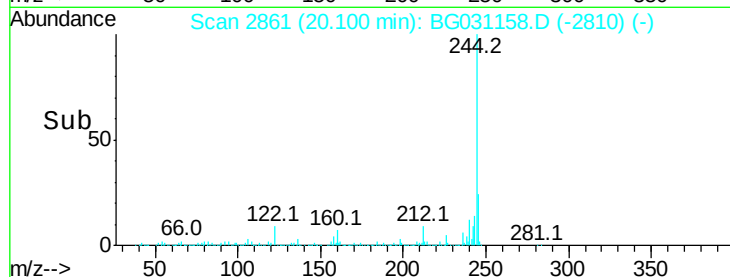
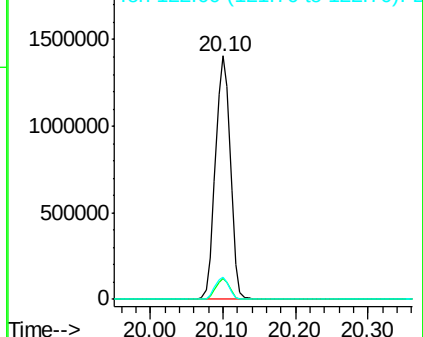
122 9.3 7.0 10.4



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: 25.12 min Scan# 3715

Delta R.T. 0.03 min

Lab File: BG031158.D

Acq: 21 Nov 2017 18:35

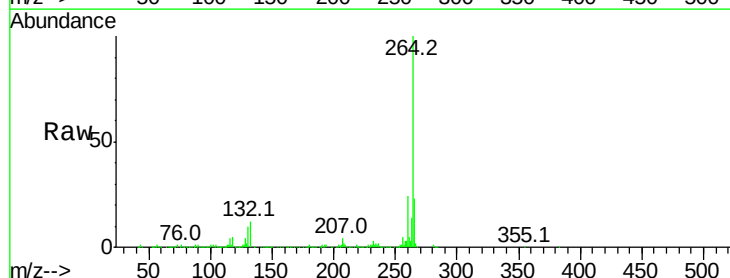
Tgt Ion:264 Resp: 521845

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 22.8 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

