

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035688.D
 Acq On : 17 Jul 2018 18:34
 Operator : JU/SJ
 Sample : J3829-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-A

Quant Time: Jul 18 03:59:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53359	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	188045	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	125471	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	352641	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	402501	20.00	ng	-0.02
86) Perylene-d12	24.88	264	382541	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	411713	128.10	ng	0.00
7) Phenol-d6	7.21	99	518778	108.19	ng	0.00
23) Nitrobenzene-d5	9.20	82	415249	92.25	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	271359	164.08	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	880302	94.00	ng	-0.02
78) Terphenyl-d14	20.01	244	1773686	97.14	ng	-0.01

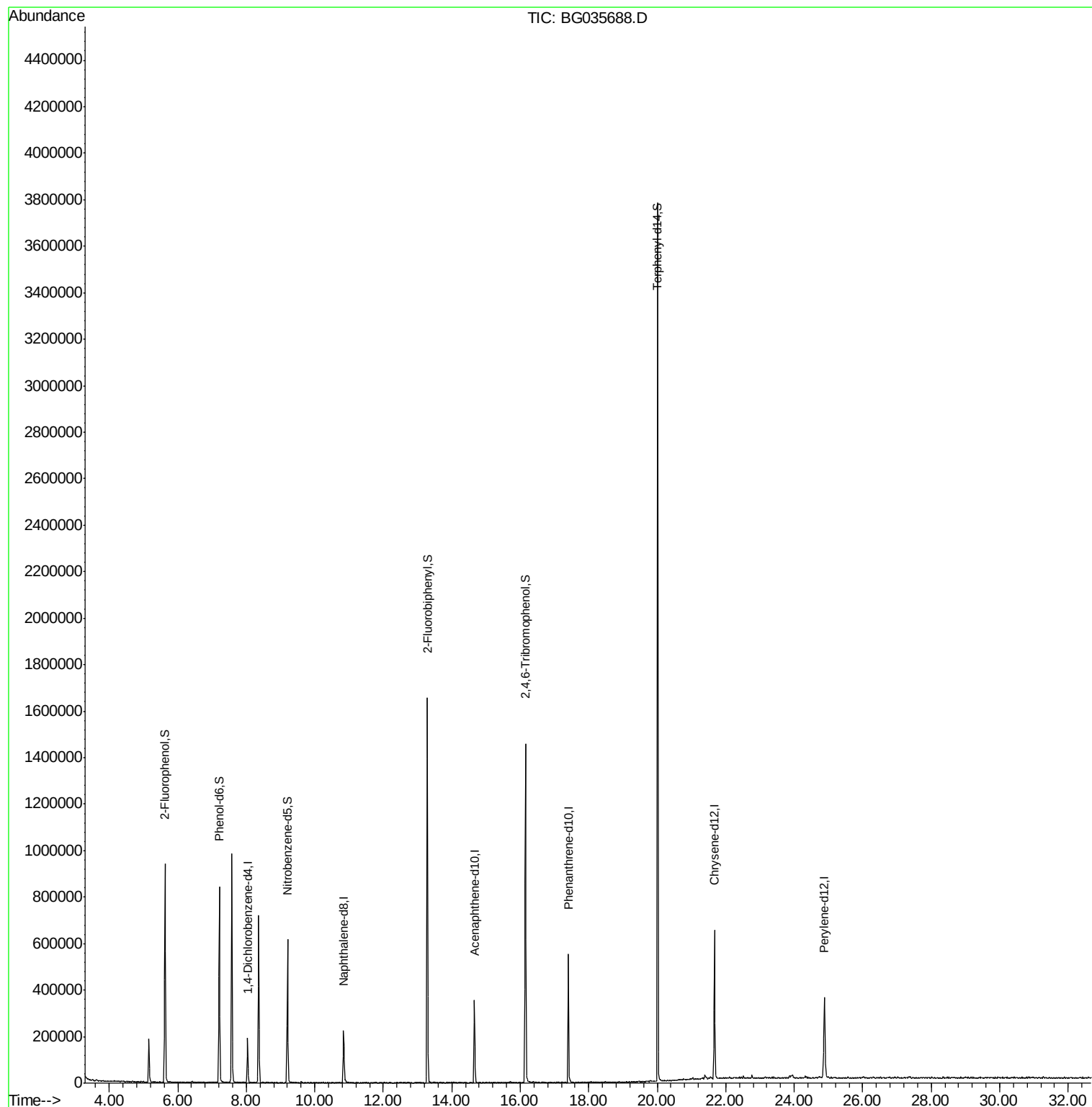
Target Compounds Qvalue

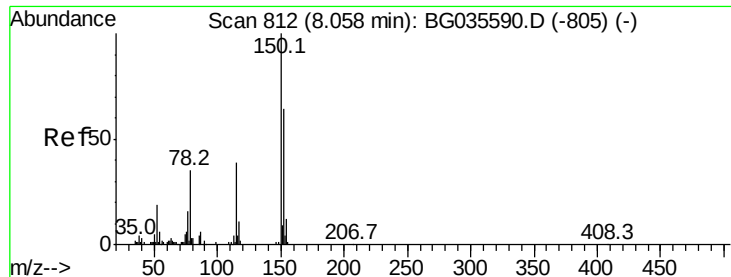
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
Data File : BG035688.D
Acq On : 17 Jul 2018 18:34
Operator : JU/SJ
Sample : J3829-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-A

Quant Time: Jul 18 03:59:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.02 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-A

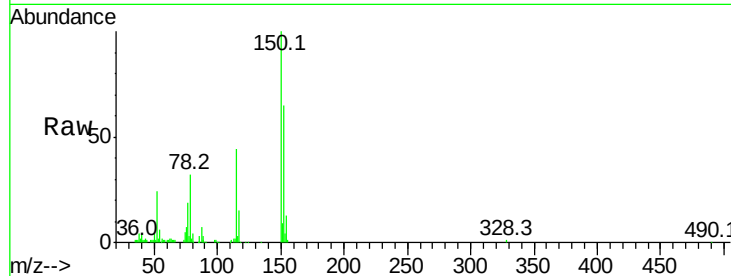
Tot Ion:152 Resp: 53359

Ion Ratio Lower Upper

152 100

150 153.3 126.6 189.8

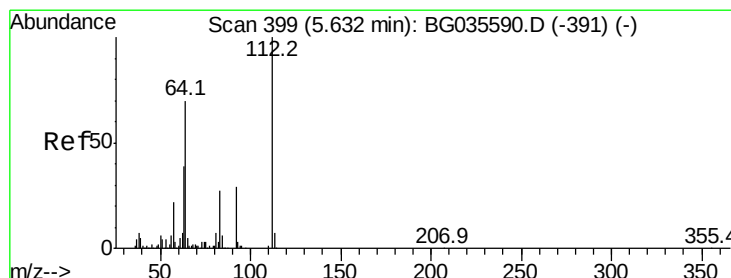
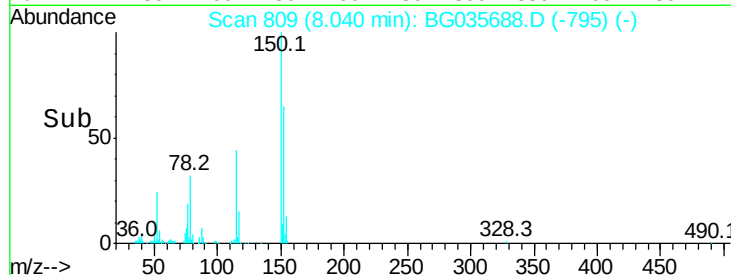
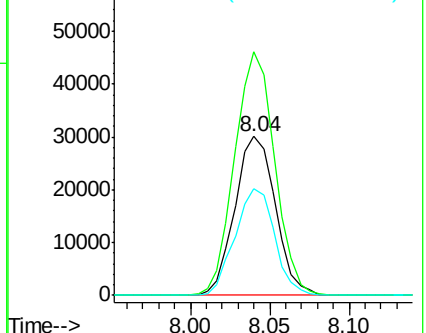
115 67.5 53.0 79.4



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: 128.102 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

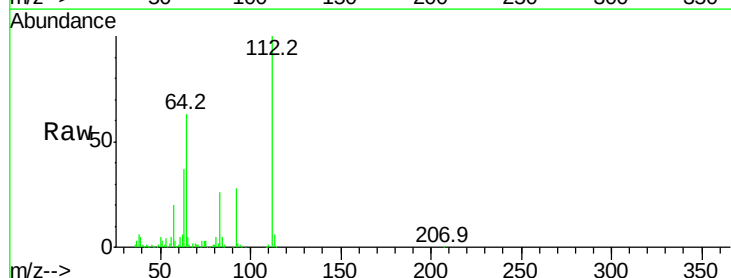
Tgt Ion:112 Resp: 411713

Ion Ratio Lower Upper

112 100

64 63.0 56.3 84.5

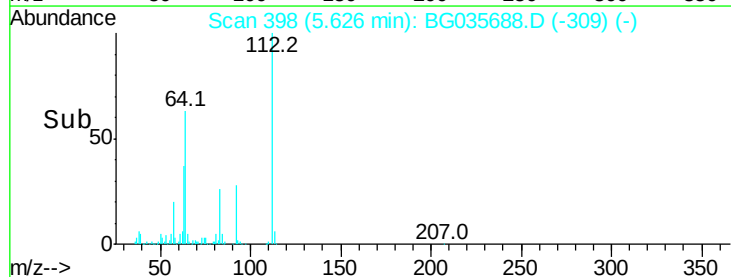
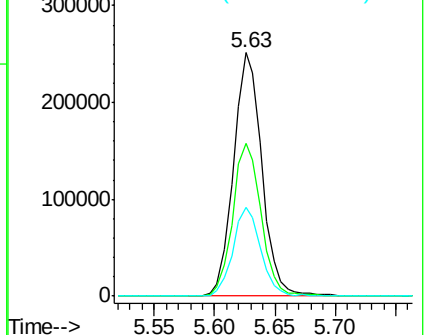
63 36.6 30.1 45.1

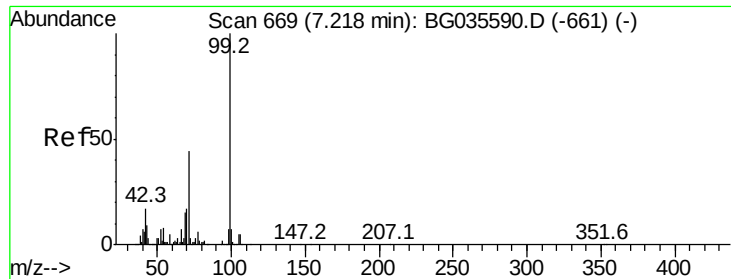


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.188 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-A

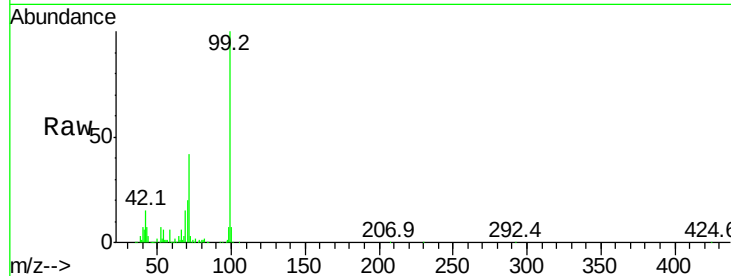
Tot Ion: 99 Resp: 518778

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

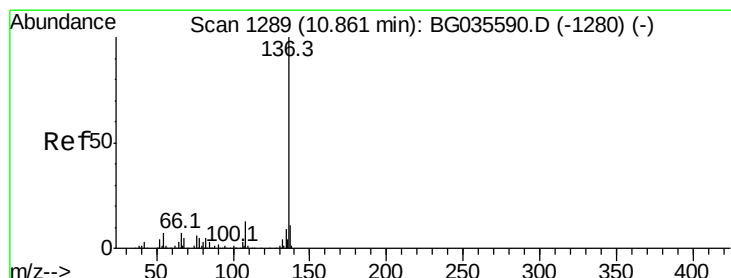
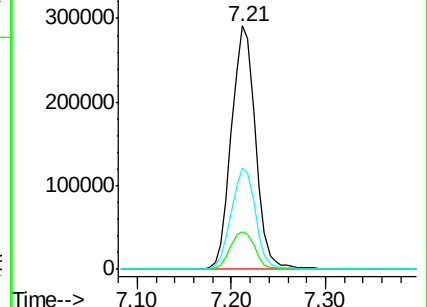
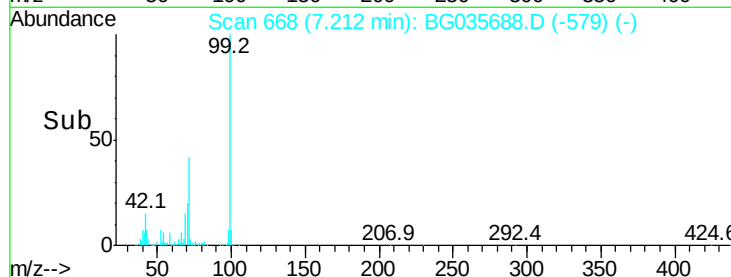
71 41.7 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

Tgt Ion: 136 Resp: 188045

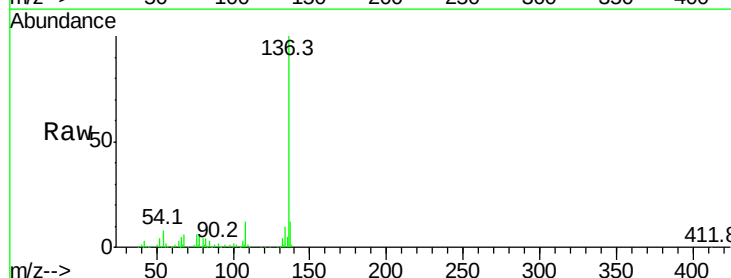
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.5 10.3 15.5#

68 6.3 4.5 6.7

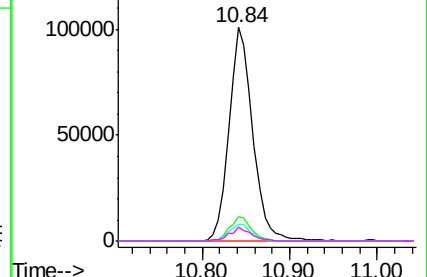
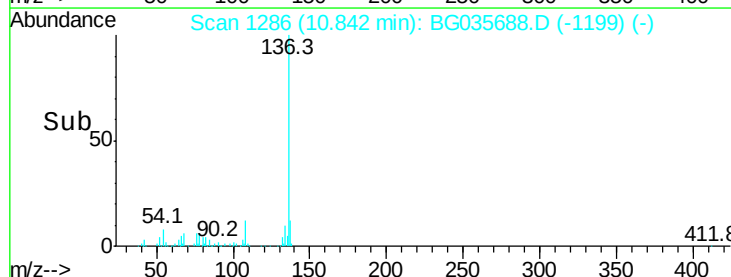


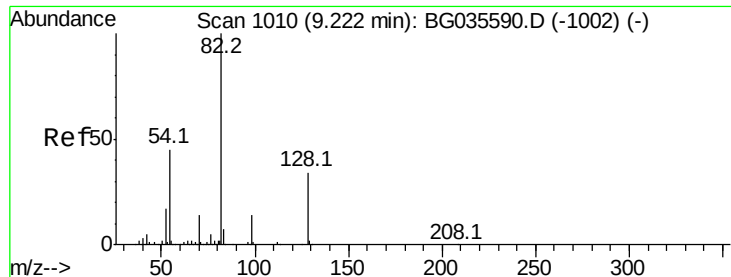
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 92.249 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-A

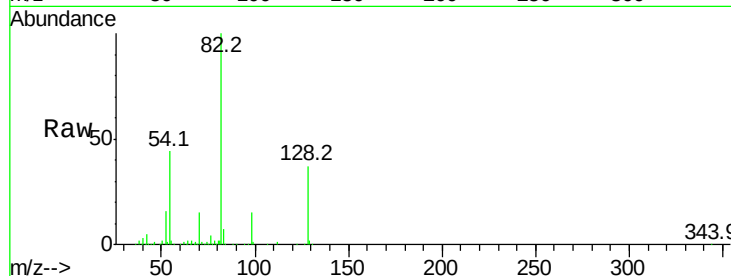
Tot Ion: 82 Resp: 415249

Ion Ratio Lower Upper

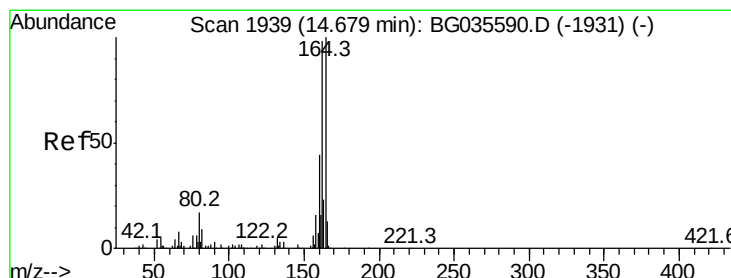
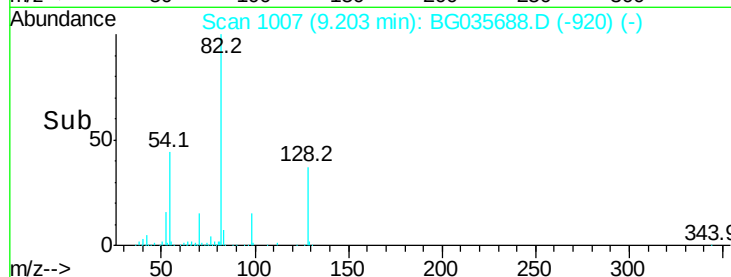
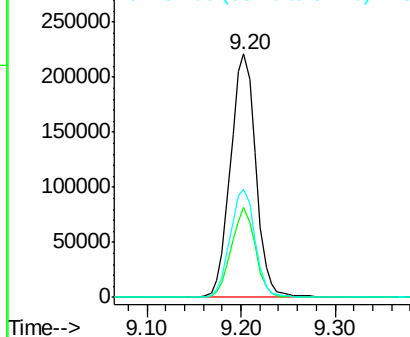
82 100

128 36.8 29.7 44.5

54 44.1 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: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

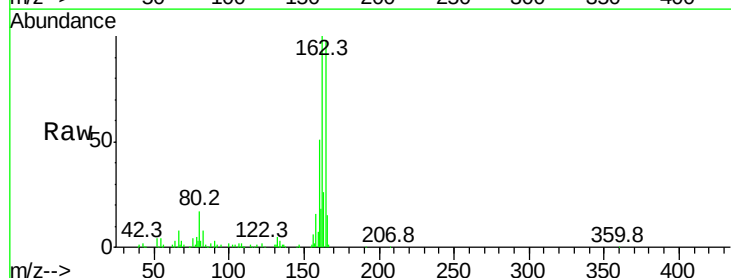
Tgt Ion: 164 Resp: 125471

Ion Ratio Lower Upper

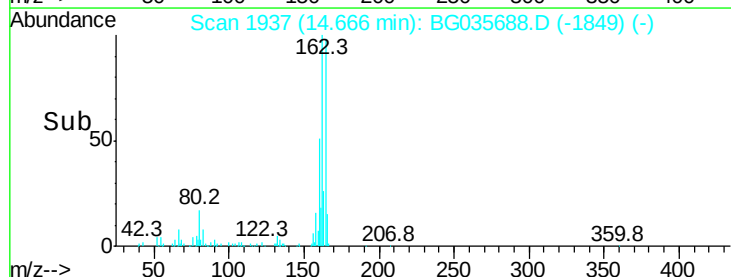
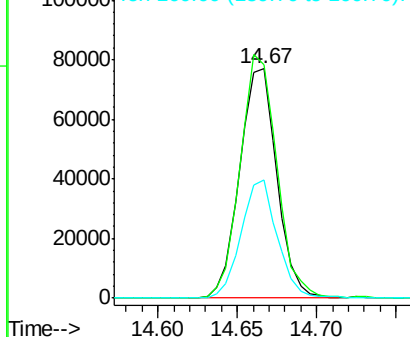
164 100

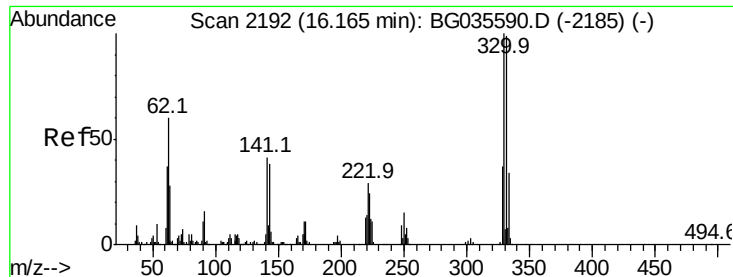
162 101.6 78.8 118.2

160 51.3 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

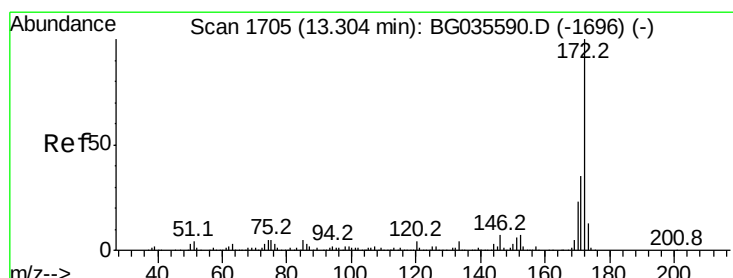
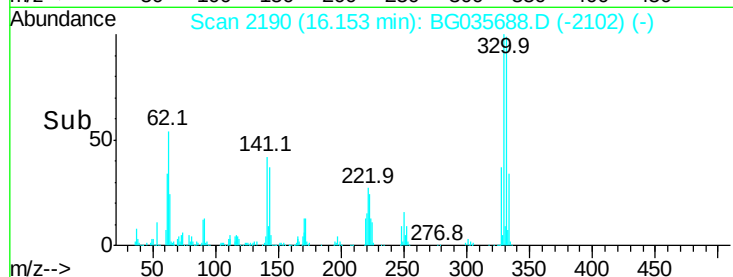
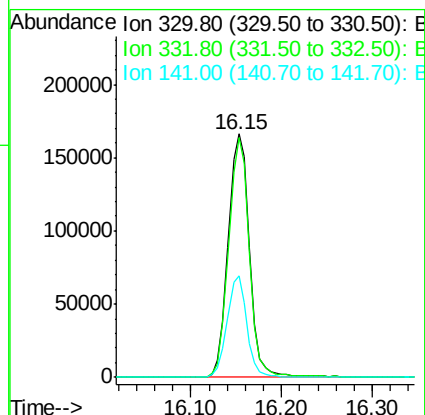
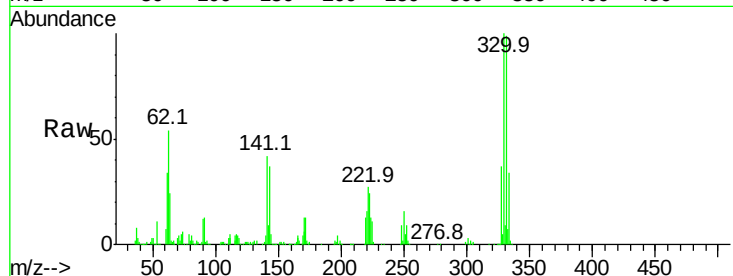




#41
 2,4,6-Tribromophenol
 Concen: 164.083 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG035688.D
 Acq: 17 Jul 2018 18:34

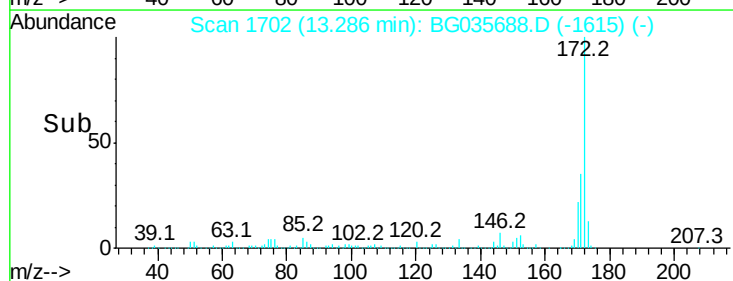
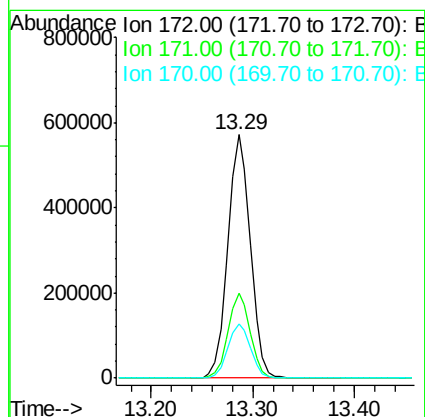
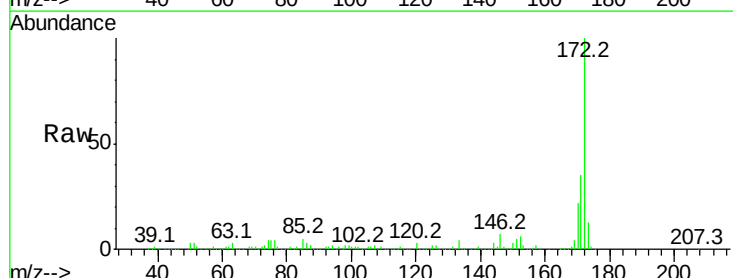
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-A

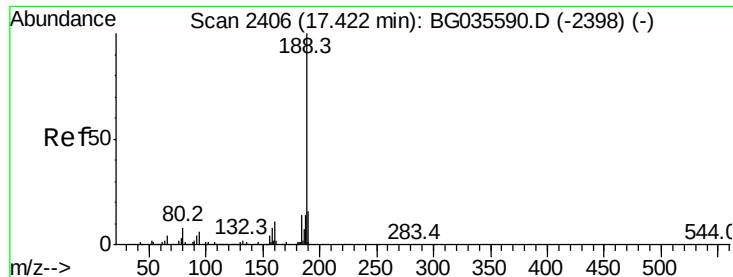
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.7	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 93.996 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035688.D
 Acq: 17 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.4	19.5	29.3

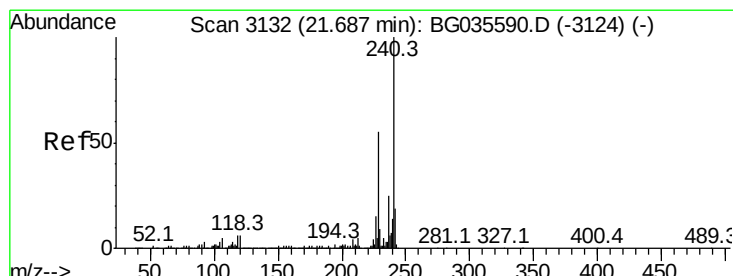
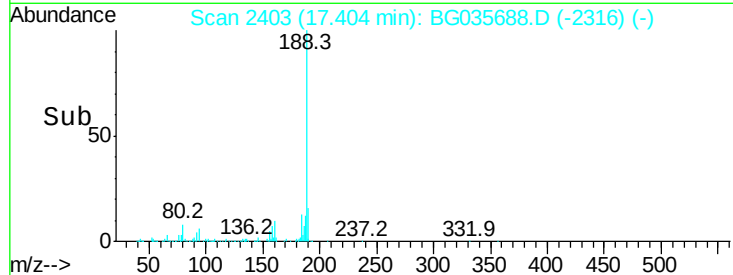
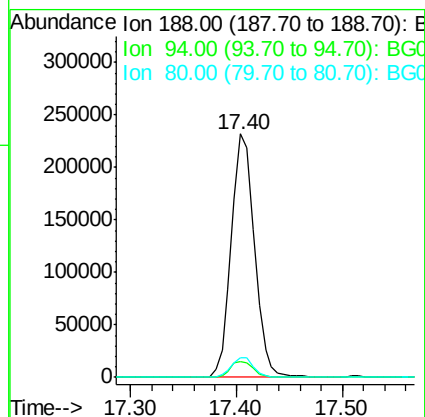
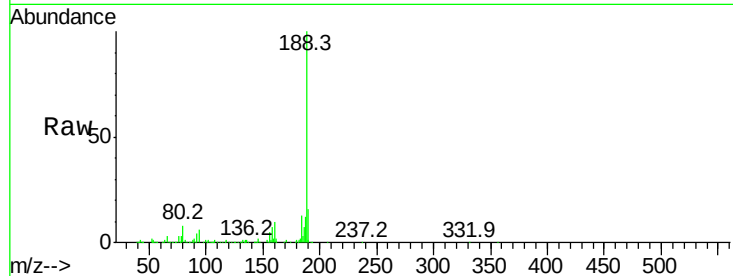




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035688.D
Acq: 17 Jul 2018 18:34

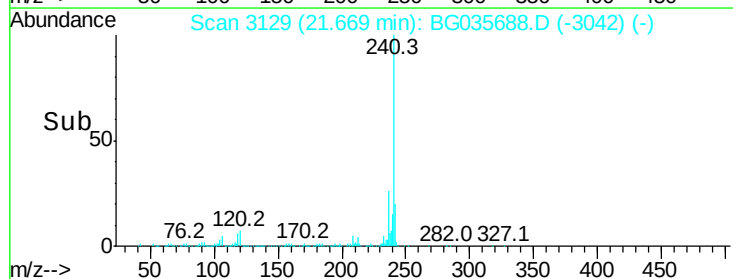
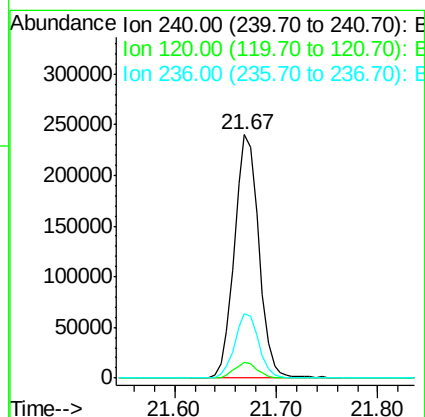
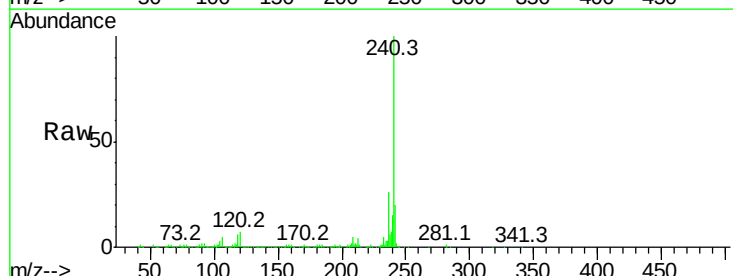
Instrument :
BNA_G
ClientSampleId :
PL-01-071318-A

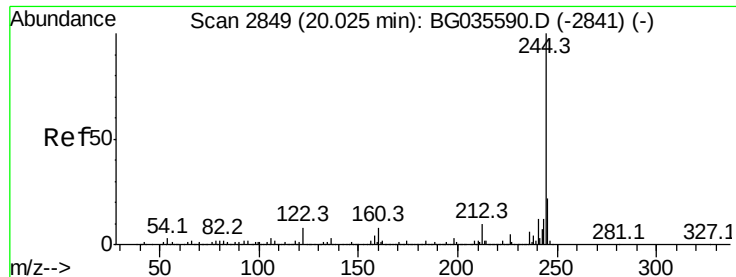
Tot Ion:188 Resp: 352641
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 8.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035688.D
Acq: 17 Jul 2018 18:34

Tgt Ion:240 Resp: 402501
Ion Ratio Lower Upper
240 100
120 6.7 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 97.136 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-A

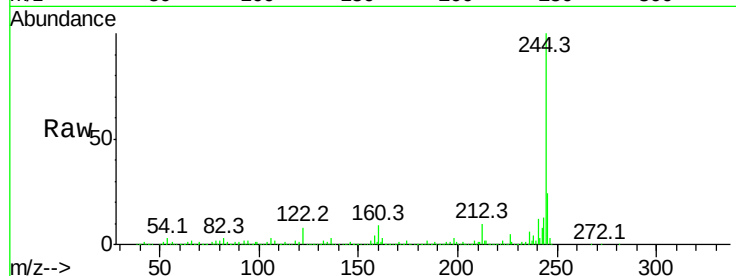
Tot Ion:244 Resp: 1773686

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

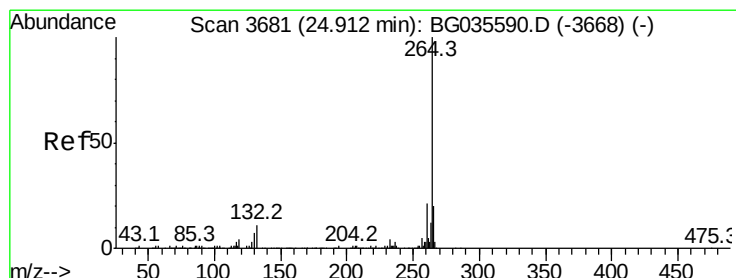
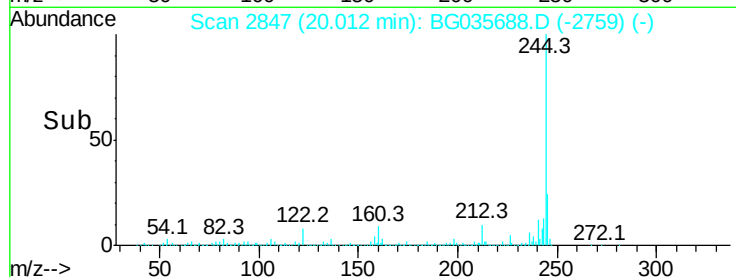
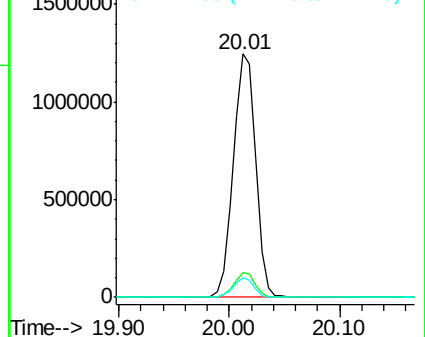
122 7.9 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035688.D

Acq: 17 Jul 2018 18:34

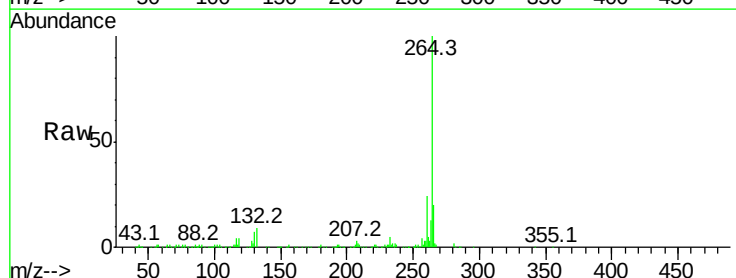
Tgt Ion:264 Resp: 382541

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.5 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

