

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035243.D
 Acq On : 19 Jun 2018 8:09
 Operator : SJ/JU
 Sample : J3566-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-S

Quant Time: Jun 19 11:15:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54160	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	183775	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	124585	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	372968	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	382970	20.00	ng	-0.02
86) Perylene-d12	24.92	264	341767	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	465255	144.97	ng	0.00
7) Phenol-d6	7.22	99	597626	126.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	481441	124.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	357860	224.39	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1073790	112.05	ng	-0.02
78) Terphenyl-d14	20.04	244	2315856	126.67	ng	-0.01

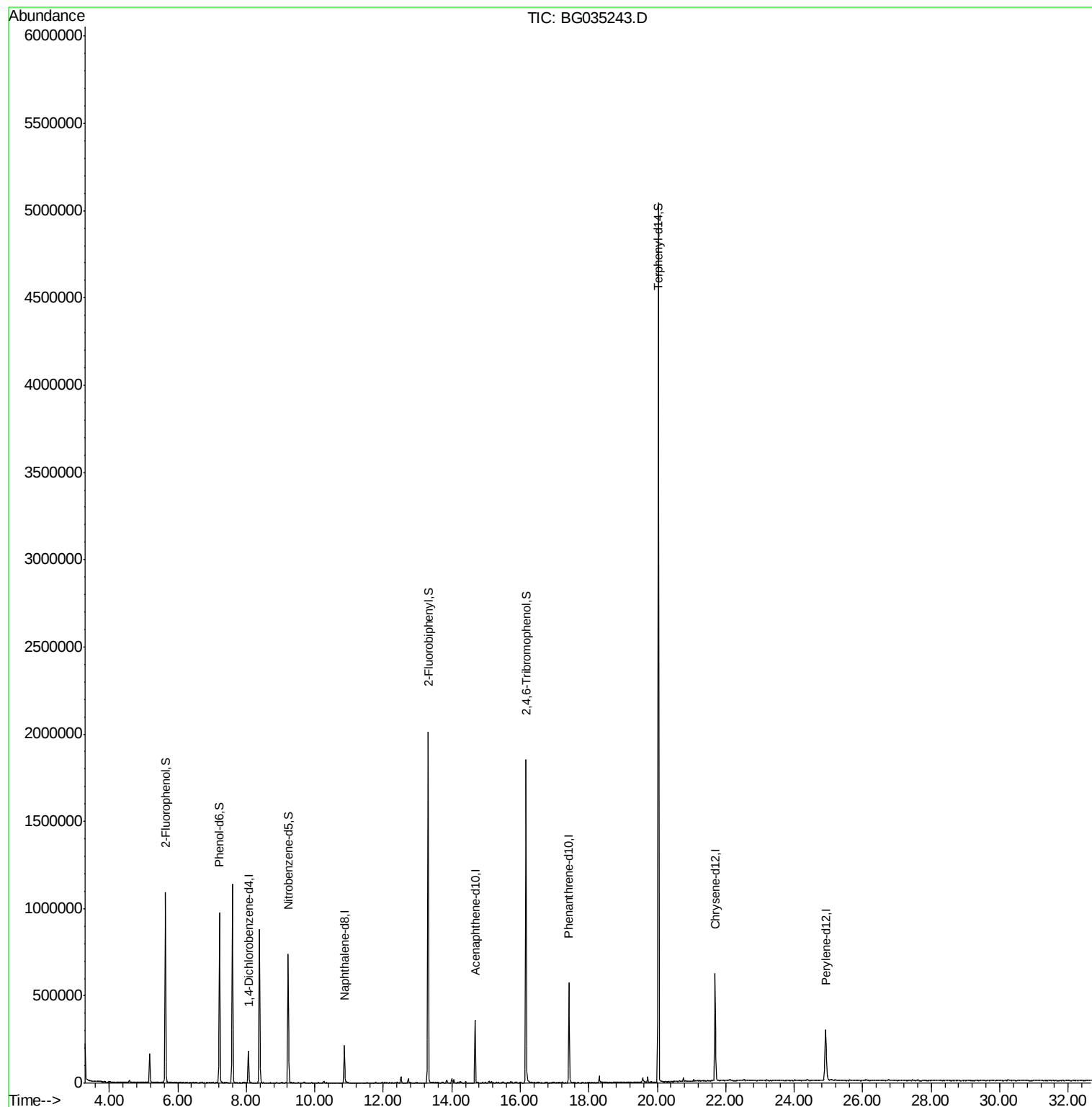
Target Compounds Qvalue

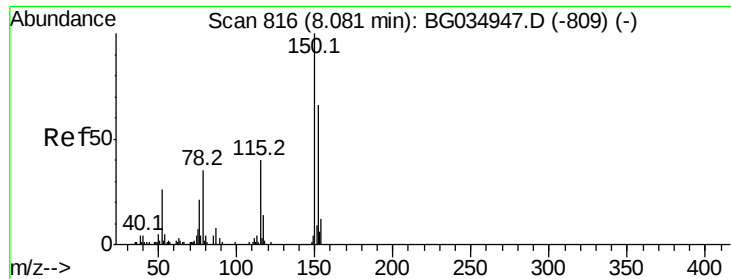
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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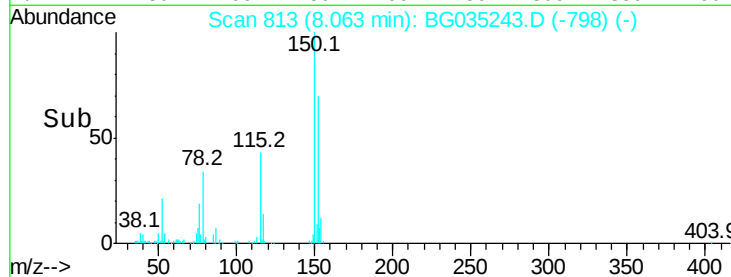
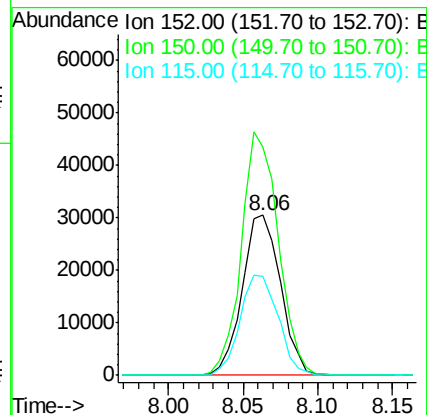
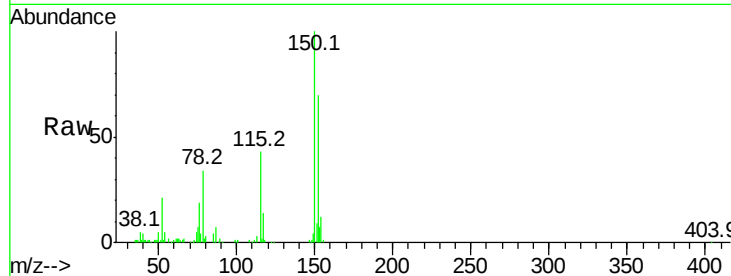


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035243.D
Acq: 19 Jun 2018 8:09

Instrument :
BNA_G
ClientSampleId :
TP-8-S

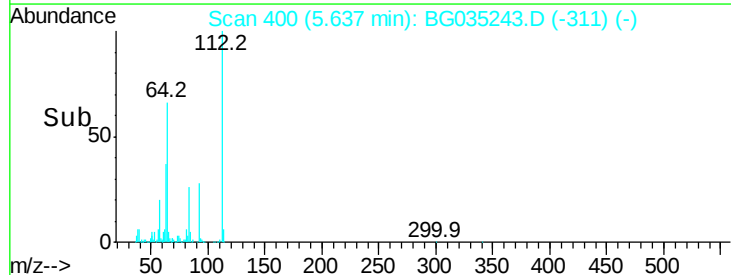
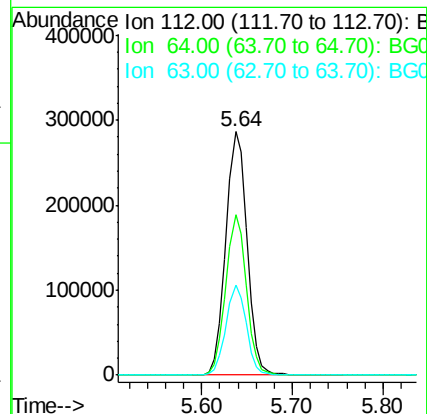
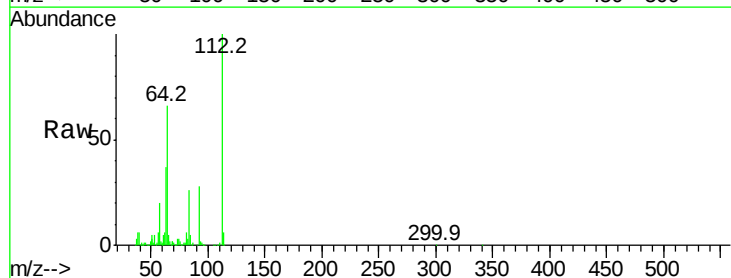
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.0	126.6	189.8
115	61.7	53.0	79.4

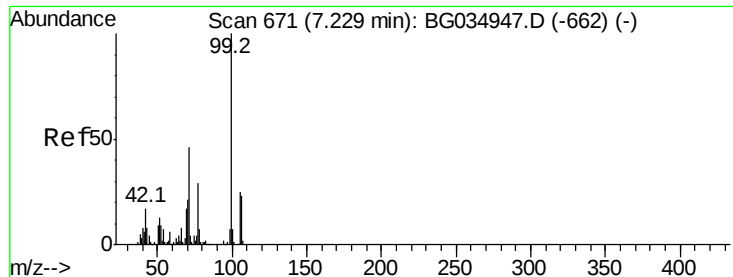


#5

2-Fluorophenol
Concen: 144.972 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035243.D
Acq: 19 Jun 2018 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	36.8	30.1	45.1





#7

Phenol-d6

Concen: 126.169 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035243.D

Acq: 19 Jun 2018 8:09

Instrument :

BNA_G

ClientSampleId :

TP-8-S

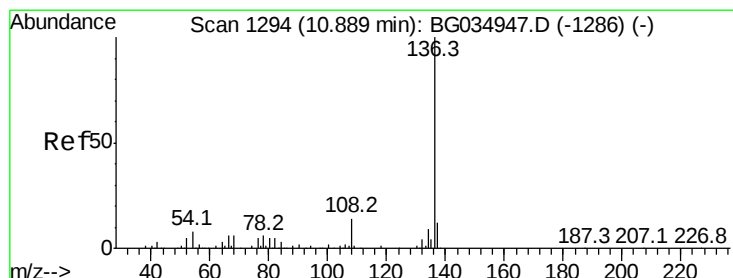
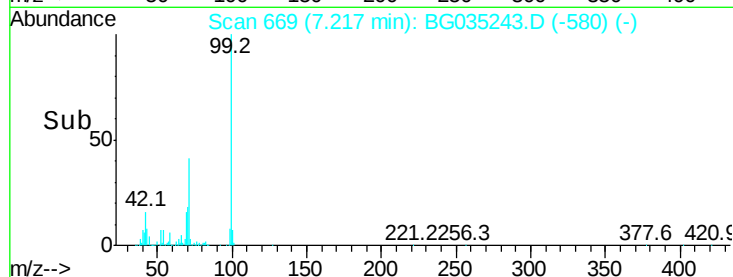
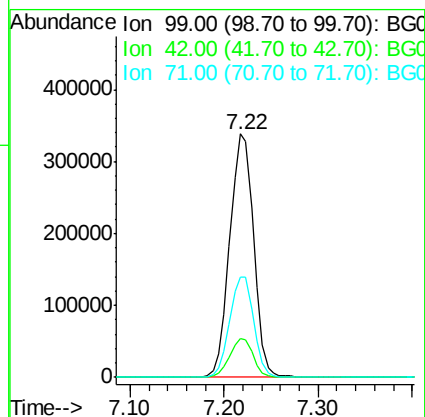
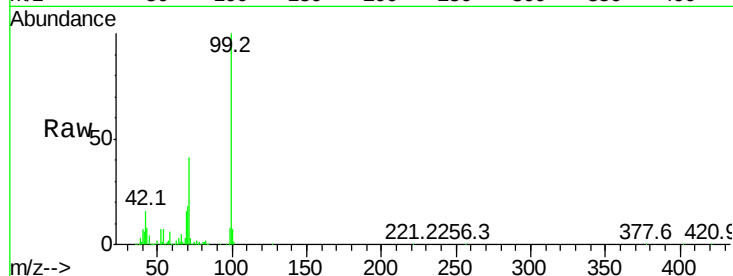
Tot Ion: 99 Resp: 597626

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 41.2 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035243.D

Acq: 19 Jun 2018 8:09

Tgt Ion: 136 Resp: 183775

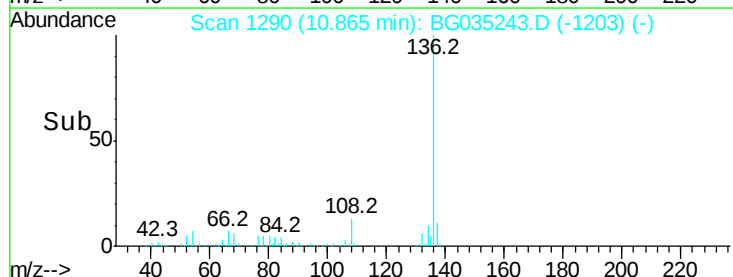
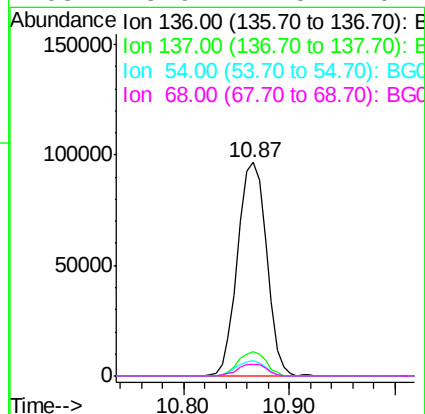
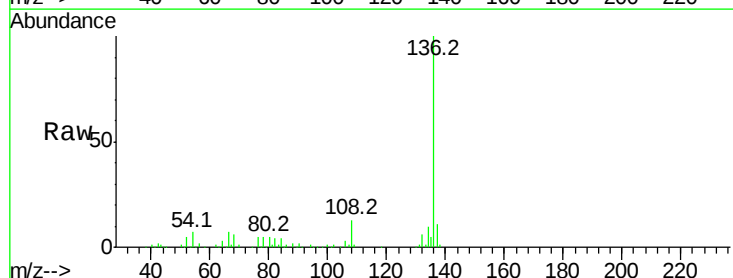
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 7.1 10.3 15.5#

68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 124.527 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035243.D

Acq: 19 Jun 2018 8:09

Instrument :

BNA_G

ClientSampleId :

TP-8-S

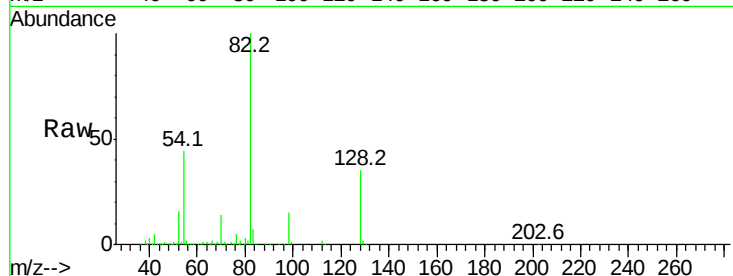
Tot Ion: 82 Resp: 481441

Ion Ratio Lower Upper

82 100

128 34.8 29.7 44.5

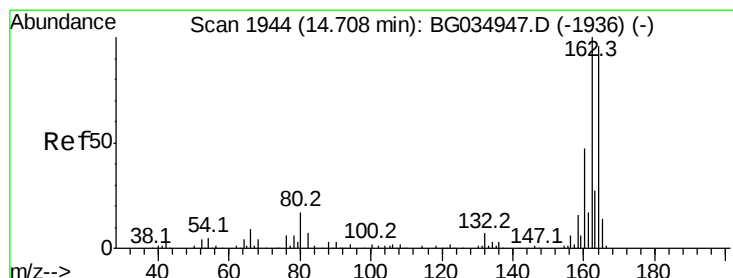
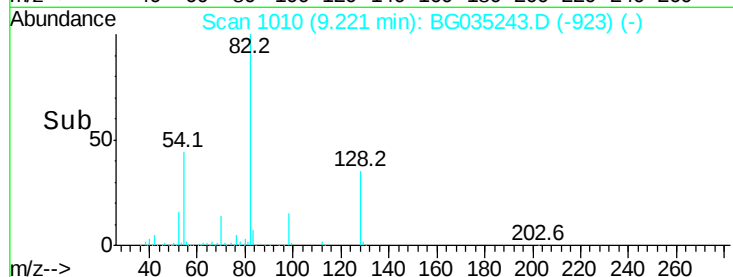
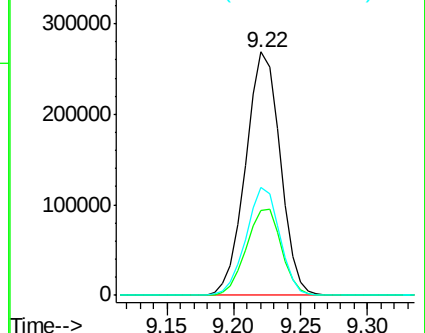
54 44.3 43.1 64.7



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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035243.D

Acq: 19 Jun 2018 8:09

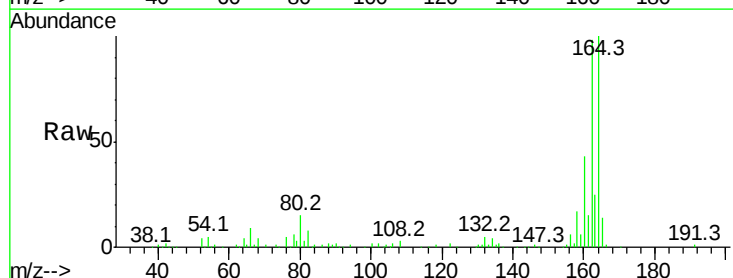
Tgt Ion:164 Resp: 124585

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

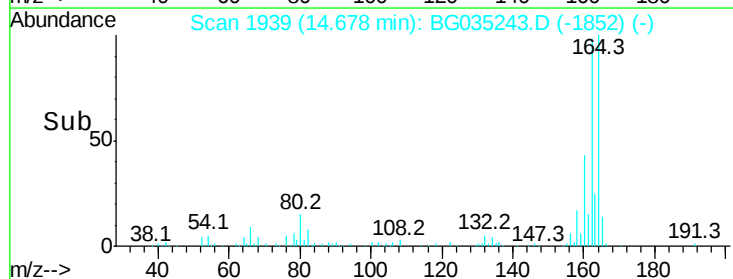
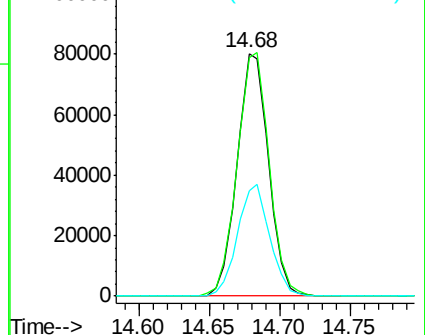
160 43.3 35.4 53.0

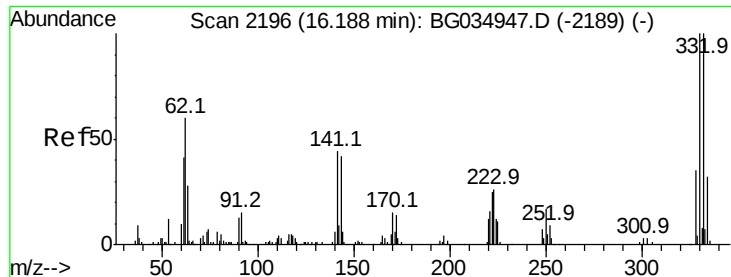


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

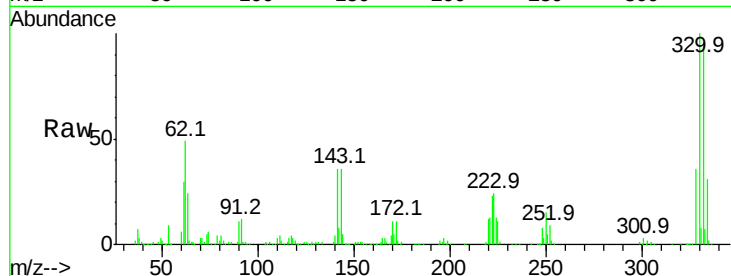




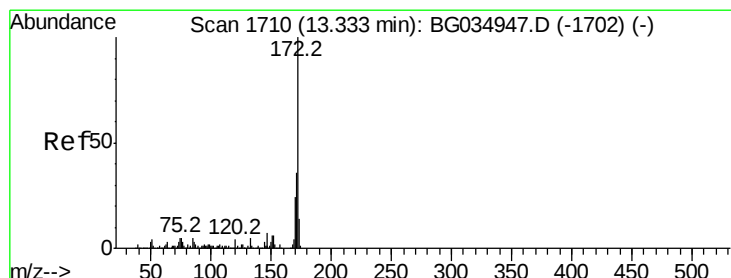
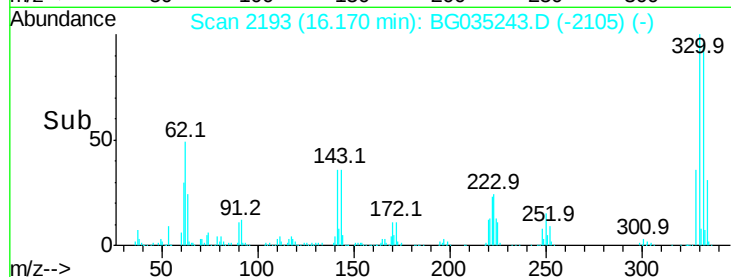
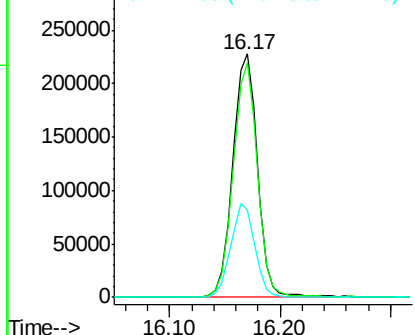
#41
 2,4,6-Tribromophenol
 Concen: 224.385 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035243.D
 Acq: 19 Jun 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-8-S

Tot Ion:330 Resp: 357860
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 38.1 25.2 37.8#

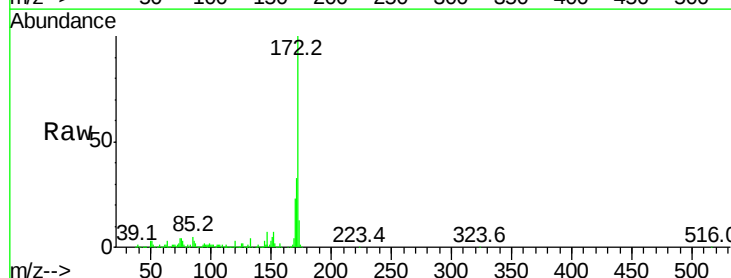


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

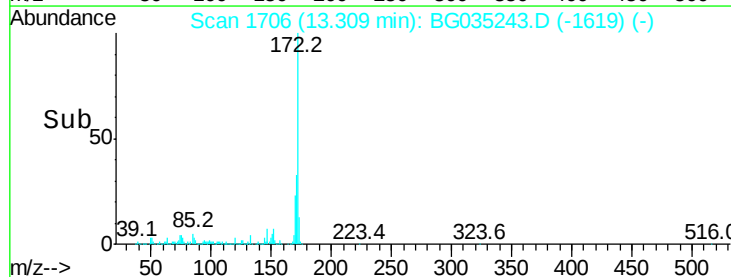
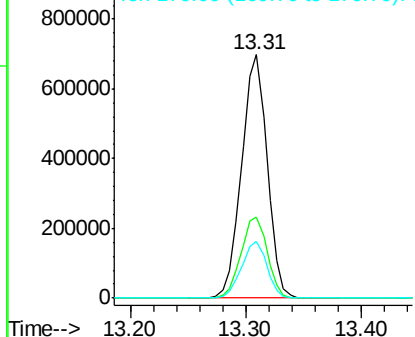


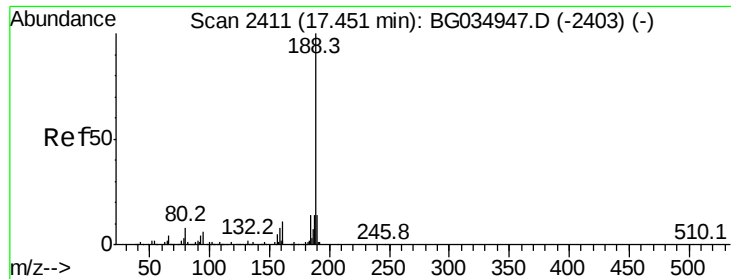
#44
 2-Fluorobiphenyl
 Concen: 112.046 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035243.D
 Acq: 19 Jun 2018 8:09

Tgt Ion:172 Resp: 1073790
 Ion Ratio Lower Upper
 172 100
 171 33.4 30.0 45.0
 170 23.1 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

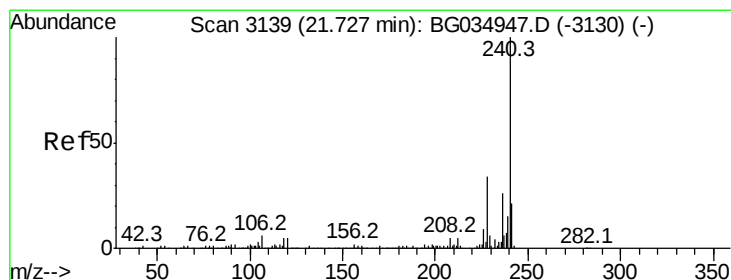
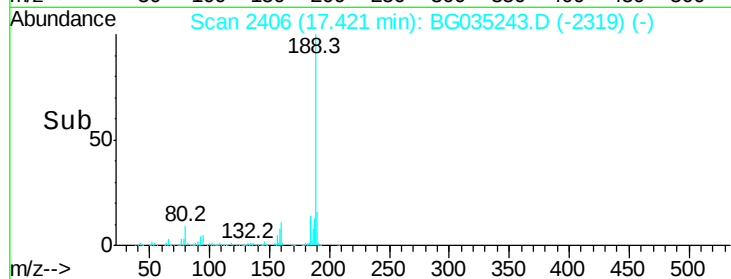
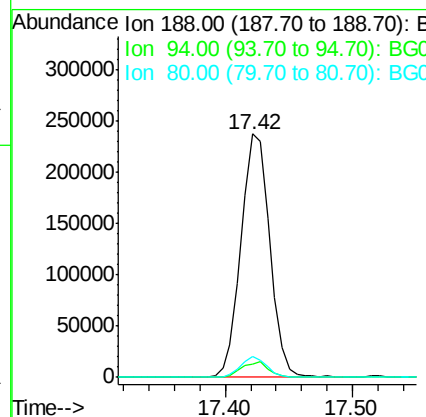
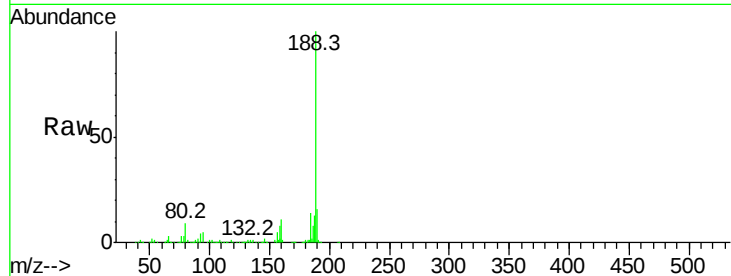




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035243.D
Acq: 19 Jun 2018 8:09

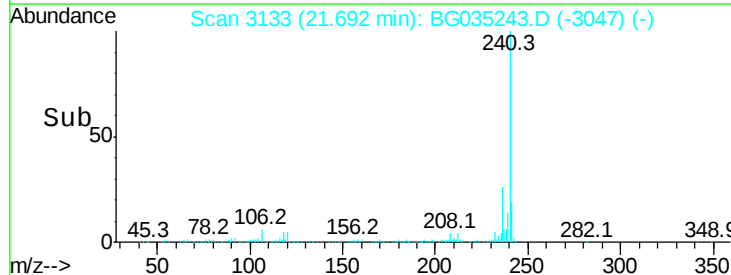
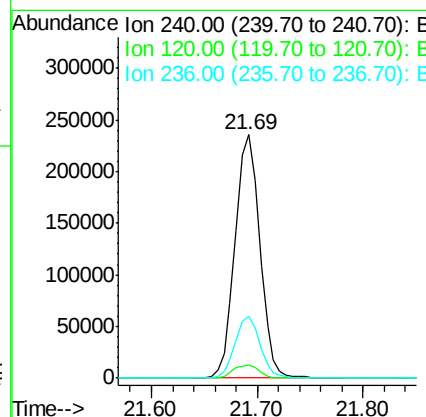
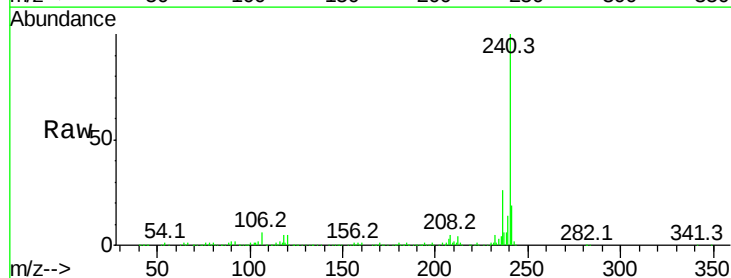
Instrument :
BNA_G
ClientSampleId :
TP-8-S

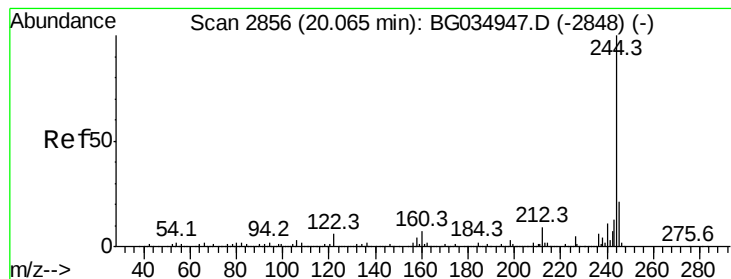
Tot Ion:188 Resp: 372968
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 8.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035243.D
Acq: 19 Jun 2018 8:09

Tgt Ion:240 Resp: 382970
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 126.667 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035243.D

Acq: 19 Jun 2018 8:09

Instrument :

BNA_G

ClientSampleId :

TP-8-S

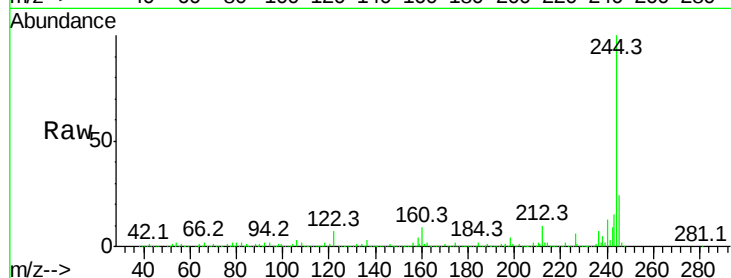
Tot Ion:244 Resp: 2315856

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

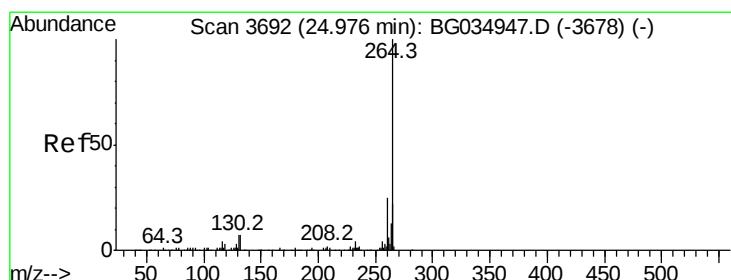
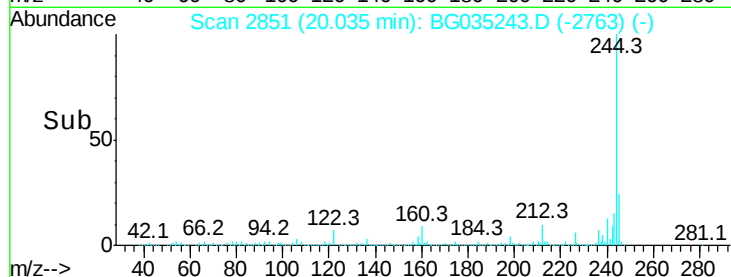
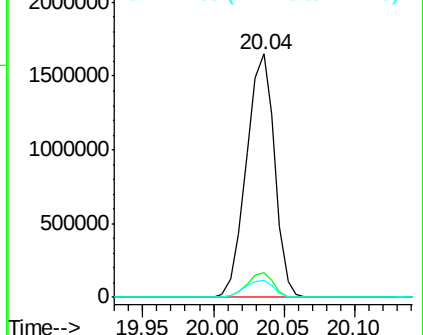
122 7.1 7.0 10.4



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035243.D

Acq: 19 Jun 2018 8:09

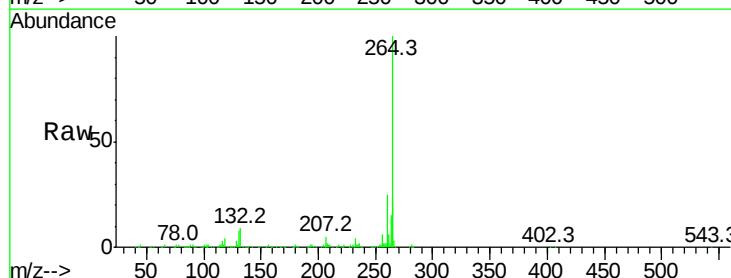
Tgt Ion:264 Resp: 341767

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 21.7 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

