

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035141.D
 Acq On : 14 Jun 2018 17:14
 Operator : SJ/JU
 Sample : J3467-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-061118

Quant Time: Jun 14 19:06:24 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	43122	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	170366	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	128937	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	360121	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	395424	20.00	ng	-0.02
86) Perylene-d12	24.93	264	363267	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	154151	60.33	ng	-0.01
7) Phenol-d6	7.21	99	148767	39.45	ng	-0.01
23) Nitrobenzene-d5	9.22	82	365602	102.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	267785	162.24	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	871453	87.86	ng	-0.01
78) Terphenyl-d14	20.04	244	1707842	90.47	ng	0.00

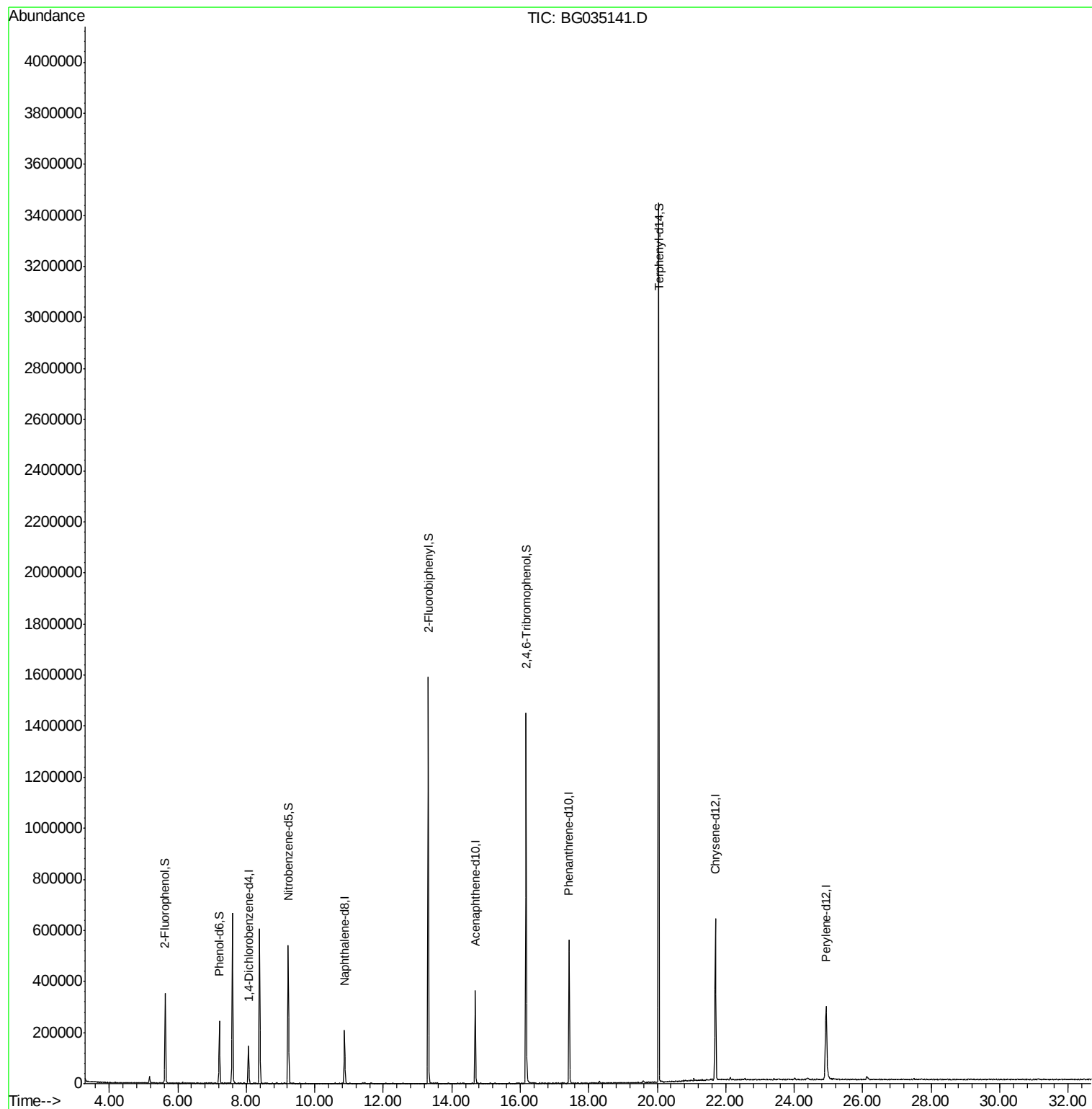
Target Compounds Qvalue

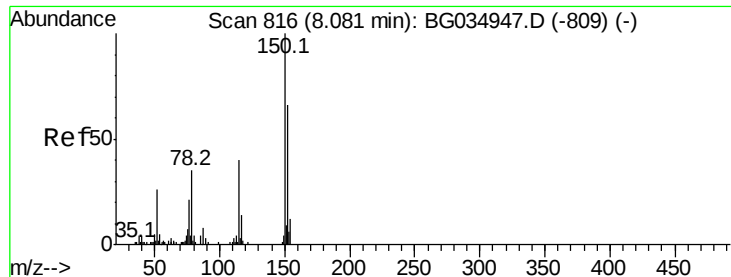
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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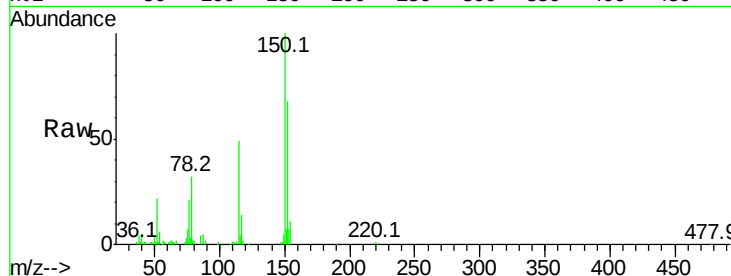


#1

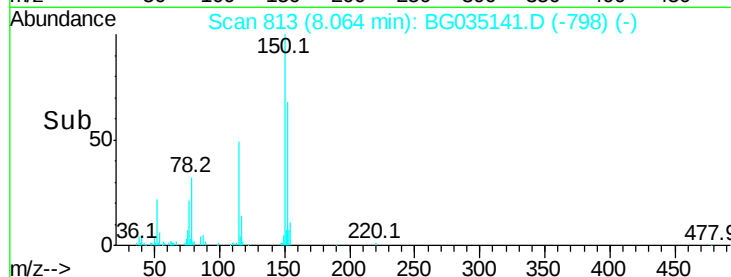
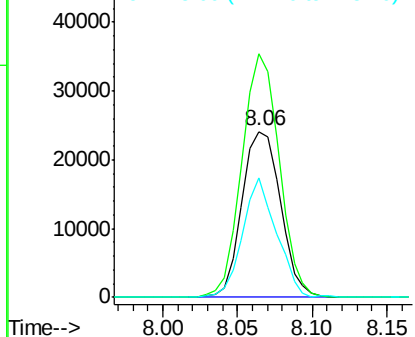
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035141.D
Acq: 14 Jun 2018 17:14

Instrument :
BNA_G
ClientSampleId :
FB-061118

Tot Ion:152 Resp: 43122
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 72.0 53.0 79.4



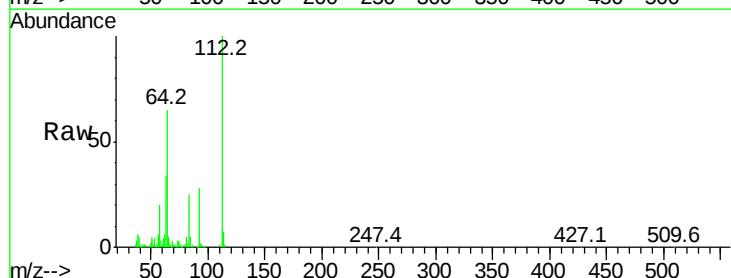
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



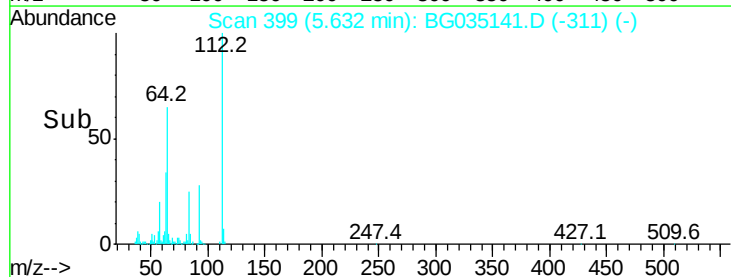
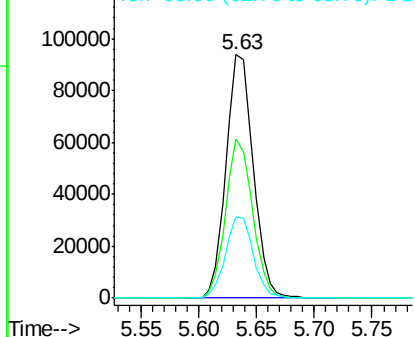
#5

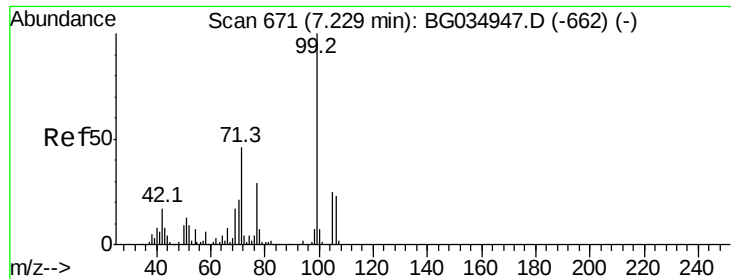
2-Fluorophenol
Concen: 60.328 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035141.D
Acq: 14 Jun 2018 17:14

Tgt Ion:112 Resp: 154151
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 33.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 39.447 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035141.D

Acq: 14 Jun 2018 17:14

Instrument :

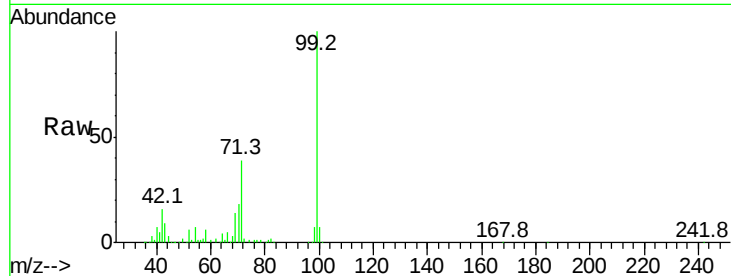
BNA_G

ClientSampleId :

FB-061118

Tot Ion: 99 Resp: 148767

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	38.6	26.1	39.1

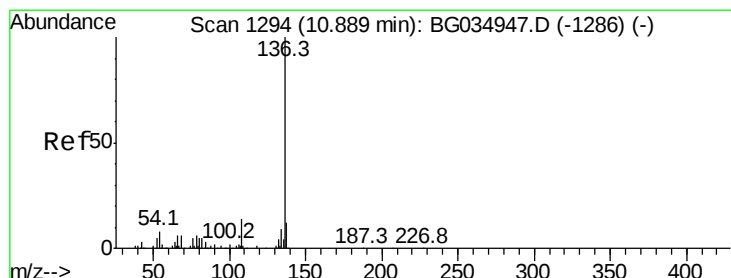
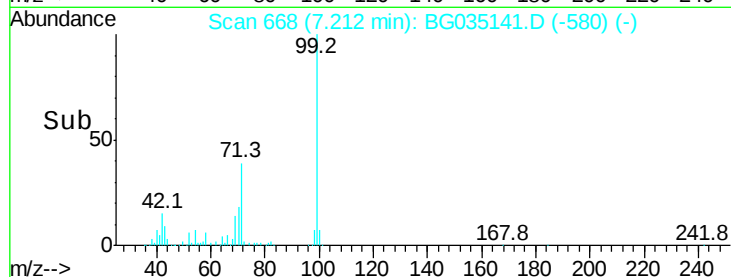
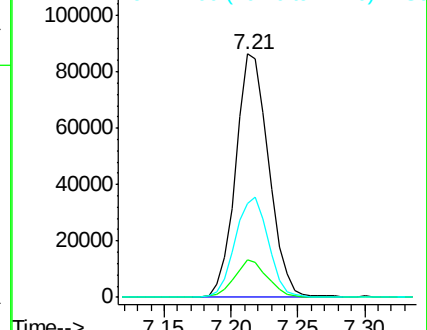


Abundance

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: 10.87 min Scan# 1291

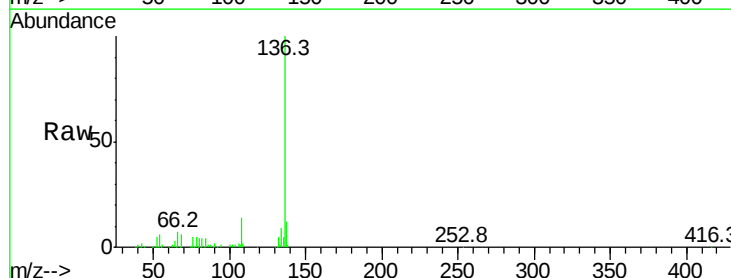
Delta R.T. -0.01 min

Lab File: BG035141.D

Acq: 14 Jun 2018 17:14

Tgt Ion: 136 Resp: 170366

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	6.5	10.3	15.5#
68	6.2	4.5	6.7



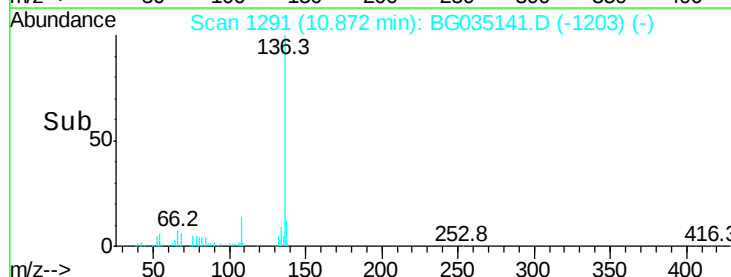
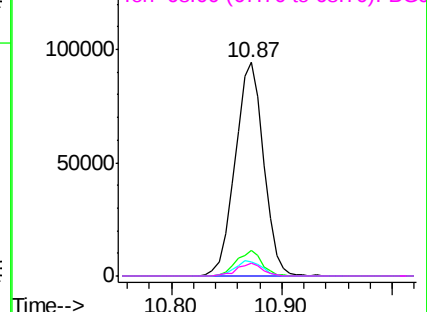
Abundance

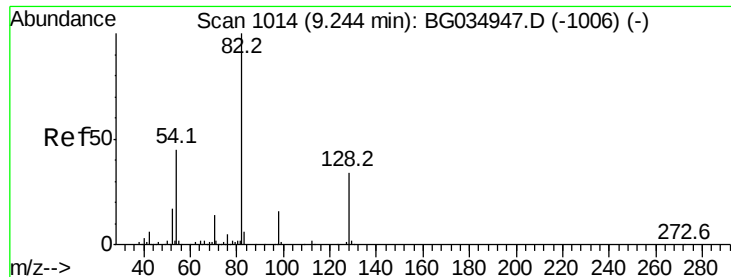
Ion 136.00 (135.70 to 136.70): BGC

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: 102.008 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035141.D

Acq: 14 Jun 2018 17:14

Instrument :

BNA_G

ClientSampled :

FB-061118

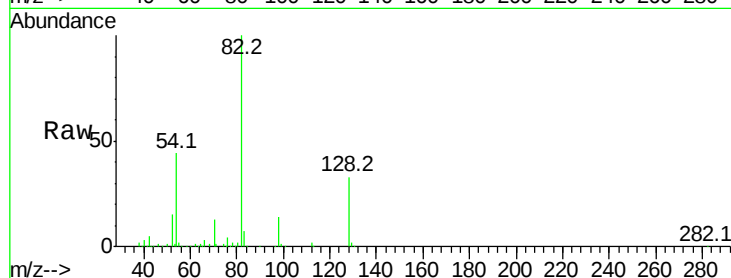
Tot Ion: 82 Resp: 365602

Ion Ratio Lower Upper

82 100

128 32.5 29.7 44.5

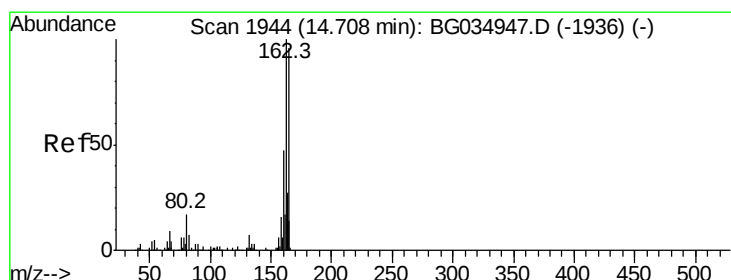
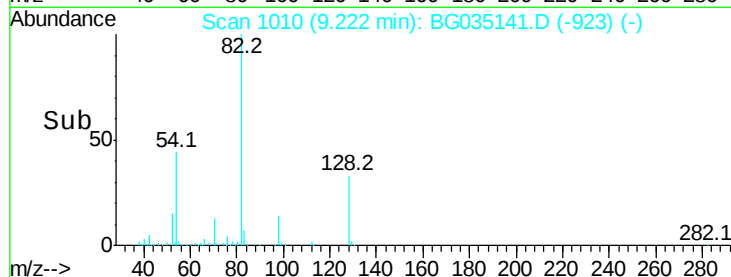
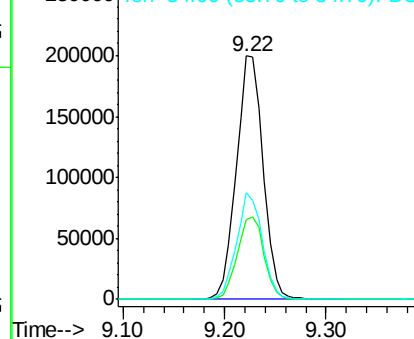
54 43.8 43.1 64.7



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# 1940

Delta R.T. -0.01 min

Lab File: BG035141.D

Acq: 14 Jun 2018 17:14

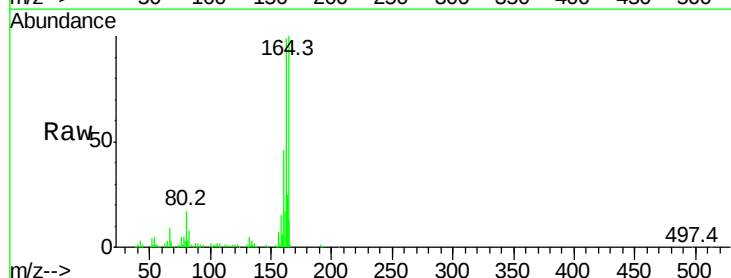
Tgt Ion: 164 Resp: 128937

Ion Ratio Lower Upper

164 100

162 98.7 78.8 118.2

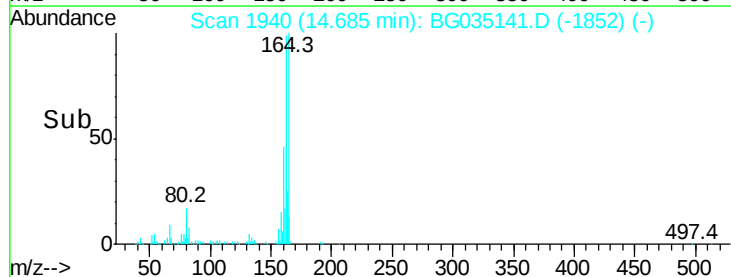
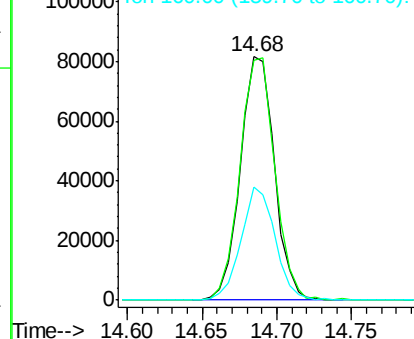
160 46.3 35.4 53.0

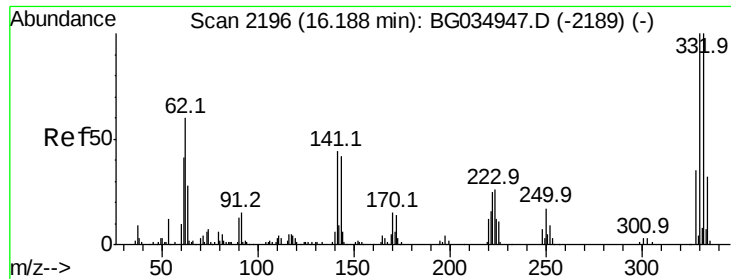


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

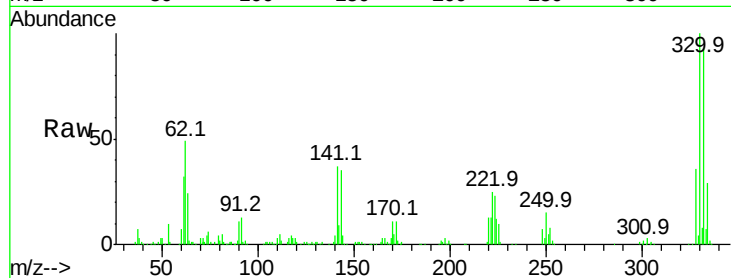




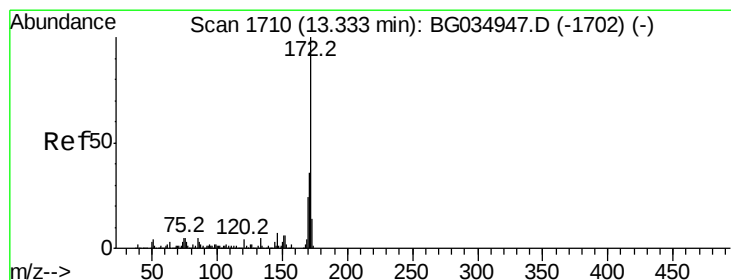
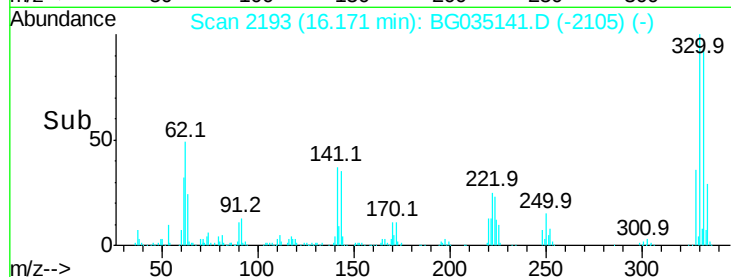
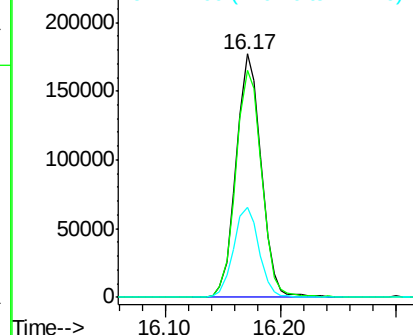
#41
 2,4,6-Tribromophenol
 Concen: 162.239 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035141.D
 Acq: 14 Jun 2018 17:14

Instrument :
 BNA_G
 ClientSampleId :
 FB-061118

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.6	25.2	37.8

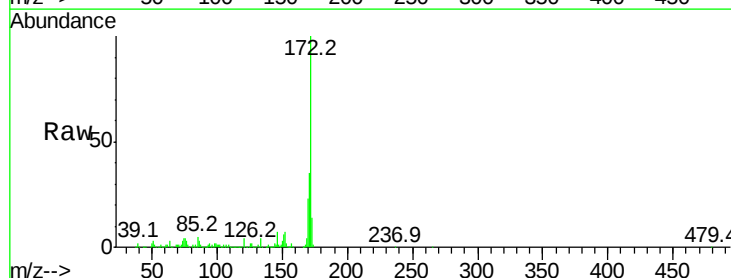


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

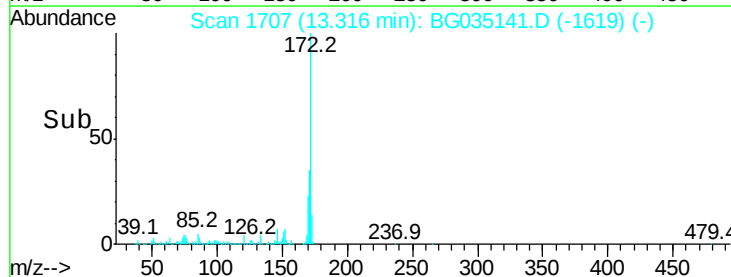
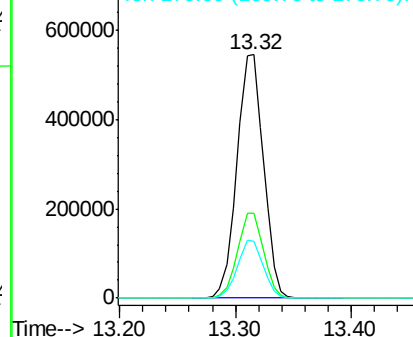


#44
 2-Fluorobiphenyl
 Concen: 87.864 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG035141.D
 Acq: 14 Jun 2018 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	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

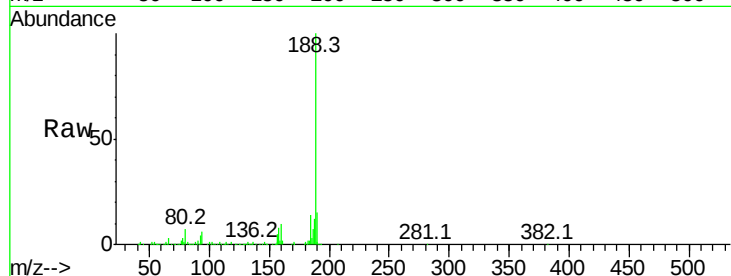




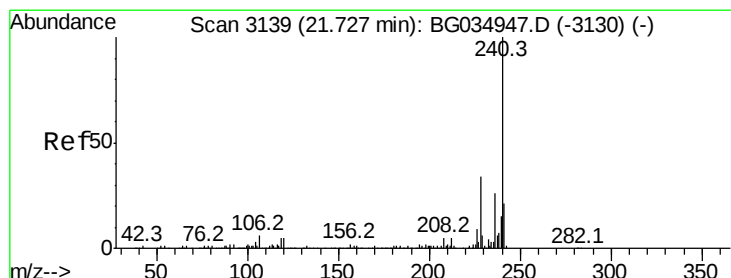
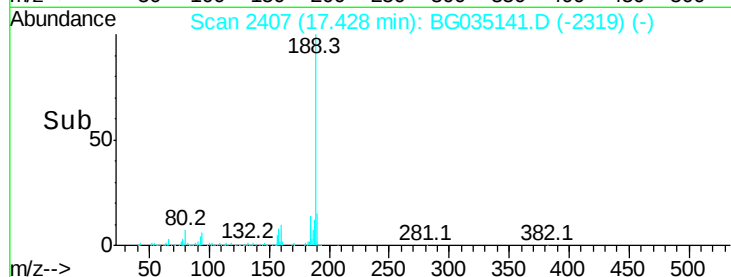
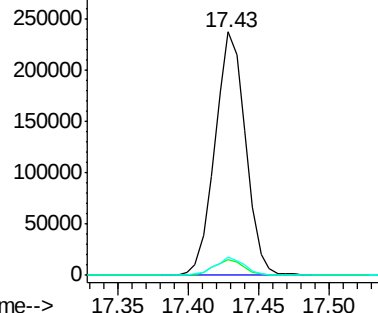
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035141.D
Acq: 14 Jun 2018 17:14

Instrument :
BNA_G
ClientSampleId :
FB-061118

Tot Ion:188 Resp: 360121
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.3 7.7 11.5#

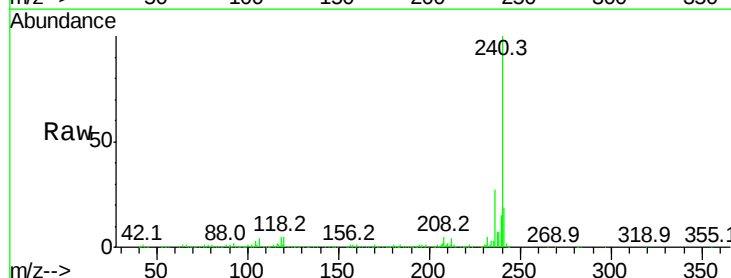


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

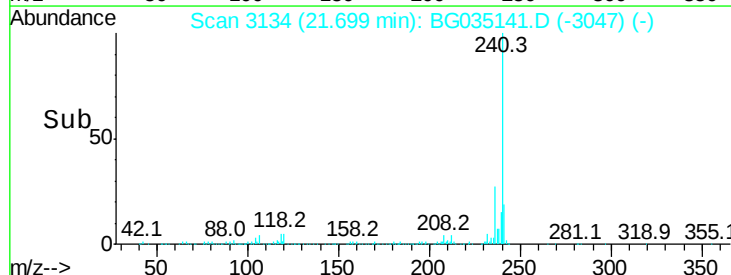
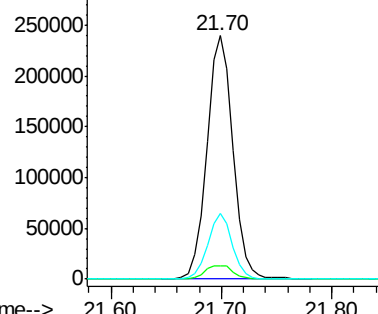


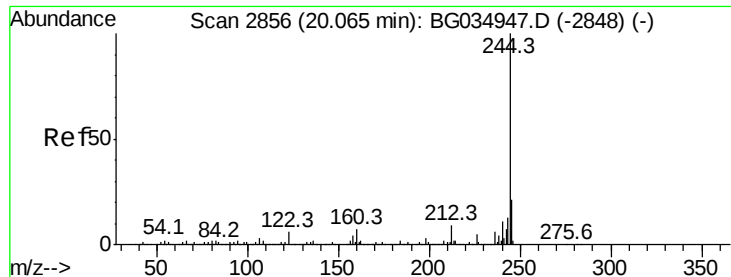
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035141.D
Acq: 14 Jun 2018 17:14

Tgt Ion:240 Resp: 395424
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 27.0 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: 90.469 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG035141.D

Acq: 14 Jun 2018 17:14

Instrument :

BNA_G

ClientSampleId :

FB-061118

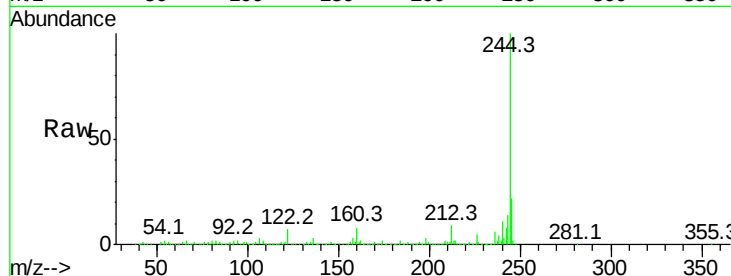
Tot Ion:244 Resp: 1707842

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

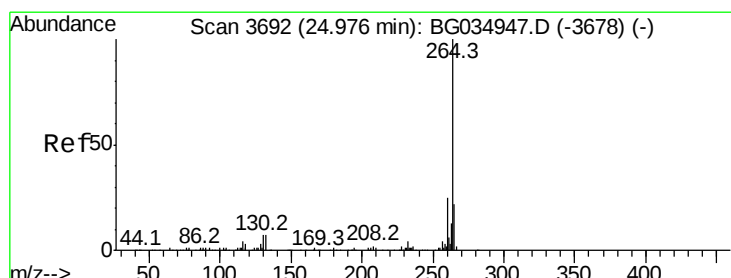
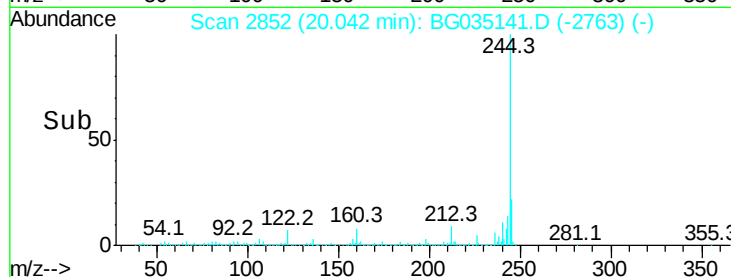
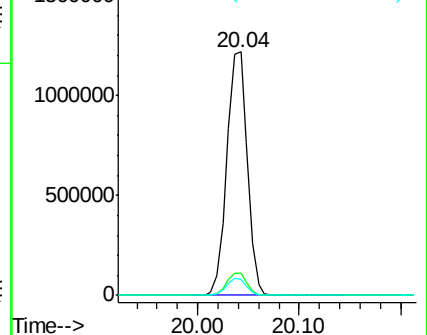
122 6.7 7.0 10.4#



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: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG035141.D

Acq: 14 Jun 2018 17:14

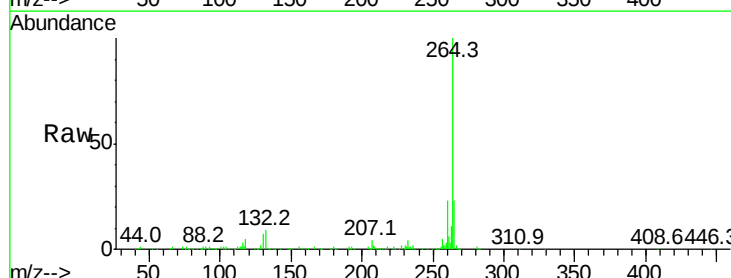
Tgt Ion:264 Resp: 363267

Ion Ratio Lower Upper

264 100

260 23.3 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

