

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035216.D
 Acq On : 18 Jun 2018 13:19
 Operator : SJ/JU
 Sample : J3504-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-46COMP

Quant Time: Jun 18 16:48:58 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	35475	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	130828	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	91888	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	313439	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	510632	20.00	ng	-0.03
86) Perylene-d12	24.92	264	392978	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	274561	130.61	ng	-0.01
7) Phenol-d6	7.22	99	356468	114.89	ng	0.00
23) Nitrobenzene-d5	9.22	82	280934	102.07	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	232237	197.43	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	638165	90.29	ng	-0.02
78) Terphenyl-d14	20.03	244	2292486	94.04	ng	-0.02

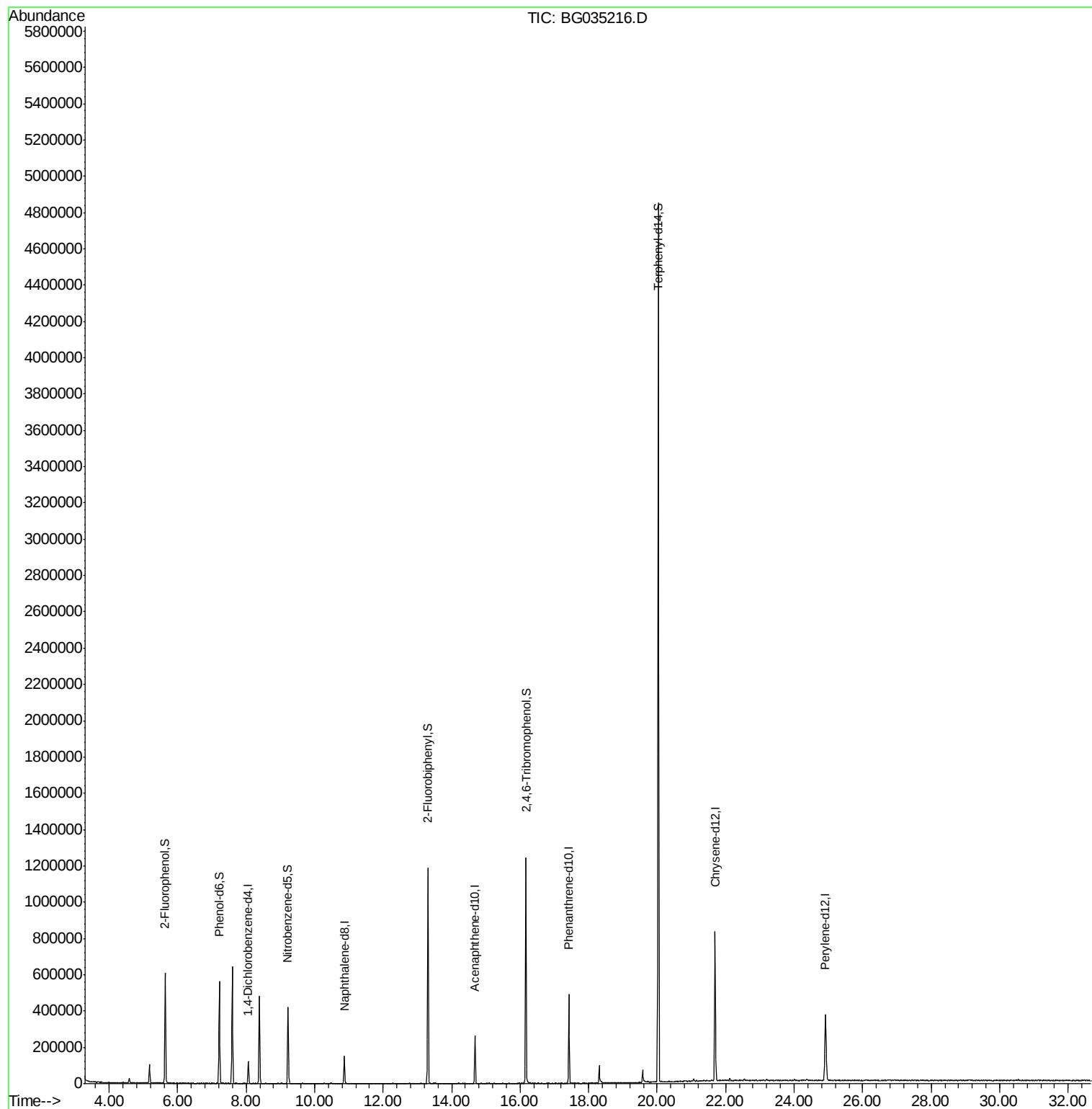
Target Compounds Qvalue

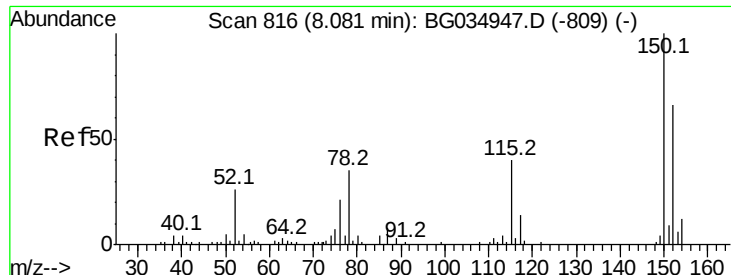
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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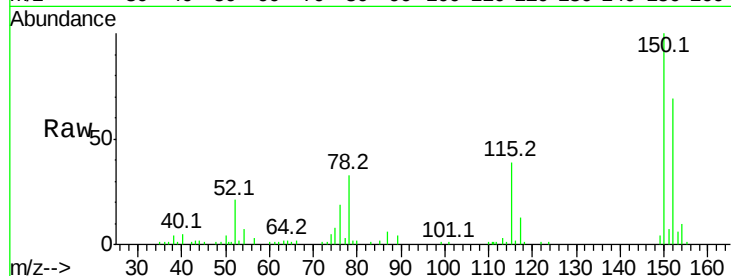


#1

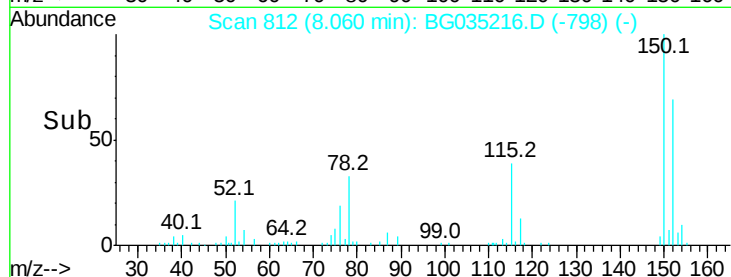
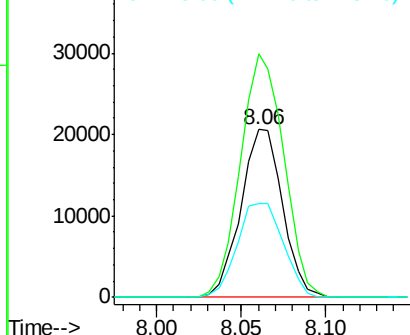
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Instrument :
BNA_G
ClientSampleId :
SB-46COMP

Tot Ion:152 Resp: 35475
Ion Ratio Lower Upper
152 100
150 145.2 126.6 189.8
115 56.3 53.0 79.4



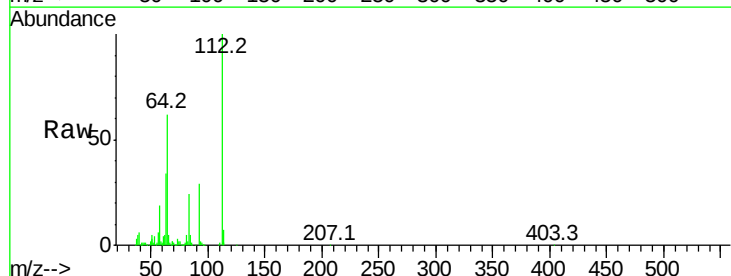
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



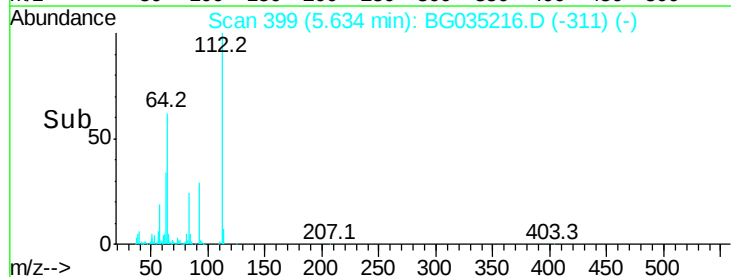
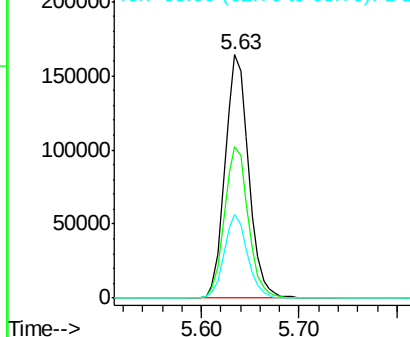
#5

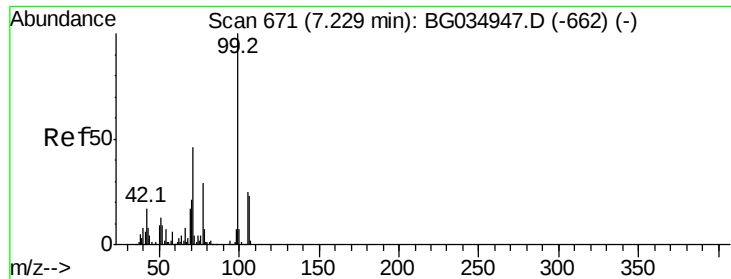
2-Fluorophenol
Concen: 130.613 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Tgt Ion:112 Resp: 274561
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 34.2 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: 114.895 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Instrument :

BNA_G

ClientSampleId :

SB-46COMP

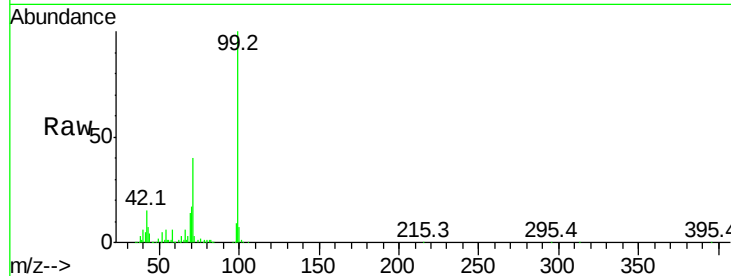
Tot Ion: 99 Resp: 356468

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

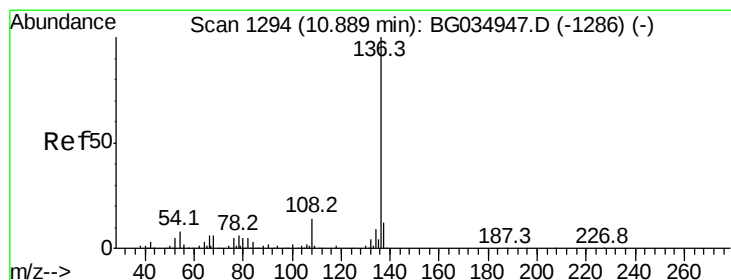
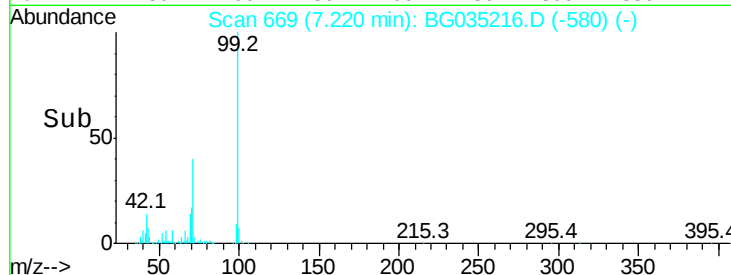
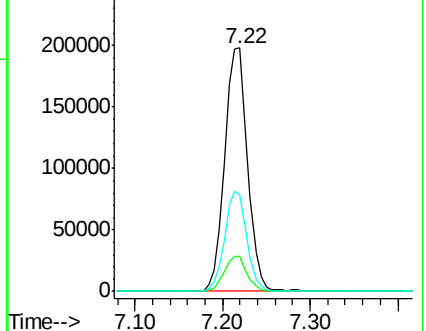
71 39.5 26.1 39.1#



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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Tgt Ion: 136 Resp: 130828

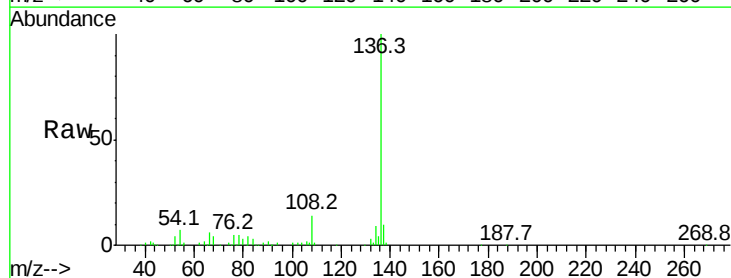
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.1 10.3 15.5#

68 4.4 4.5 6.7#

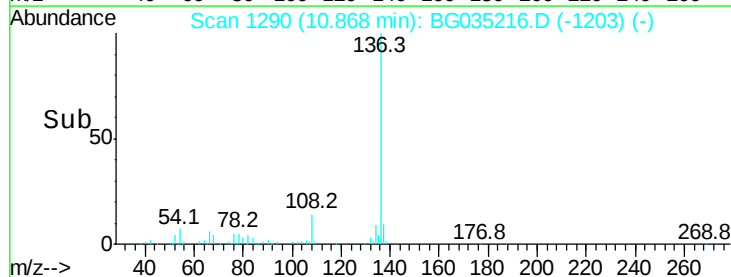
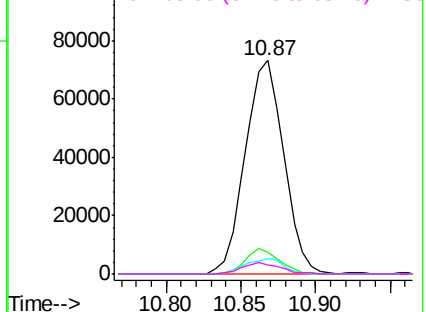


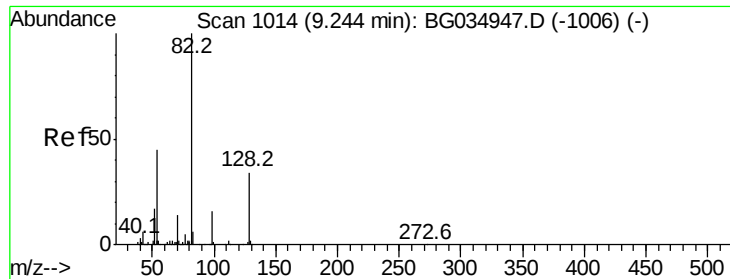
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 102.073 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Instrument :

BNA_G

ClientSampleId :

SB-46COMP

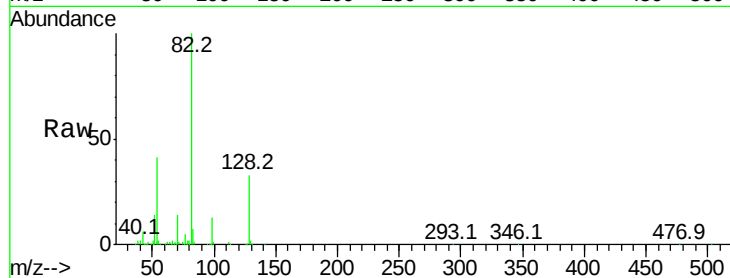
Tot Ion: 82 Resp: 280934

Ion Ratio Lower Upper

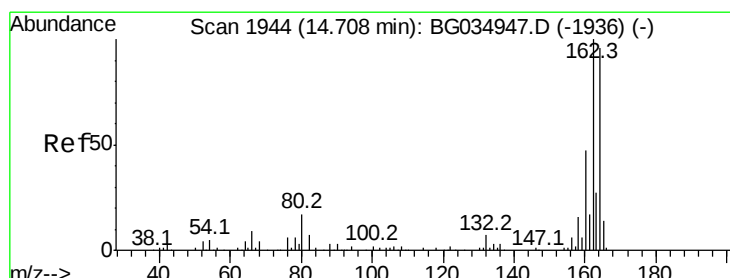
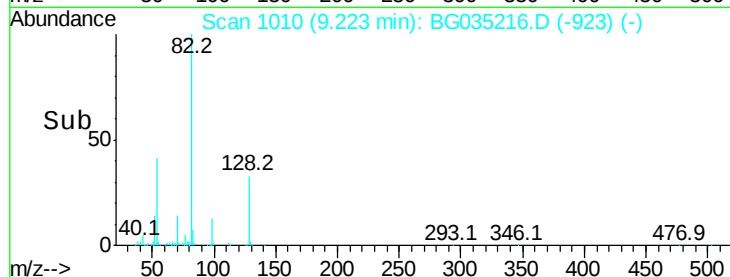
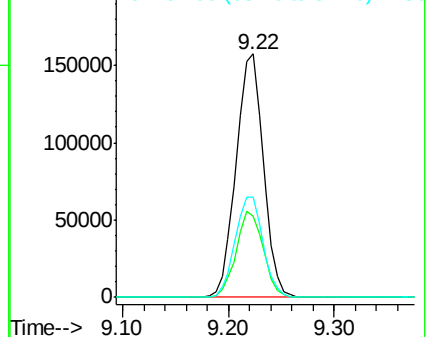
82 100

128 33.1 29.7 44.5

54 41.2 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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

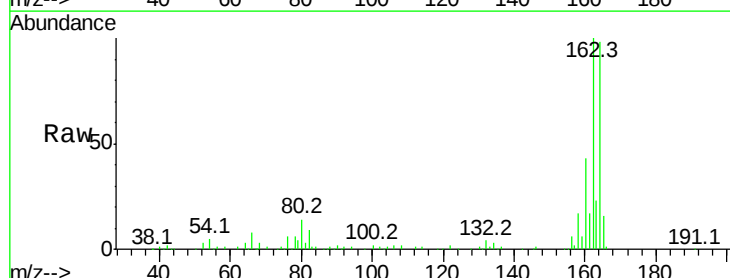
Tgt Ion:164 Resp: 91888

Ion Ratio Lower Upper

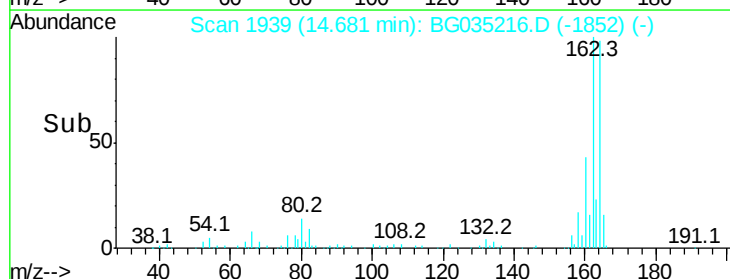
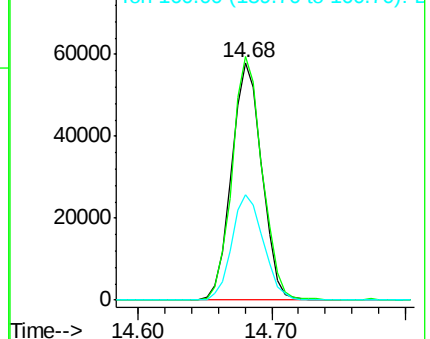
164 100

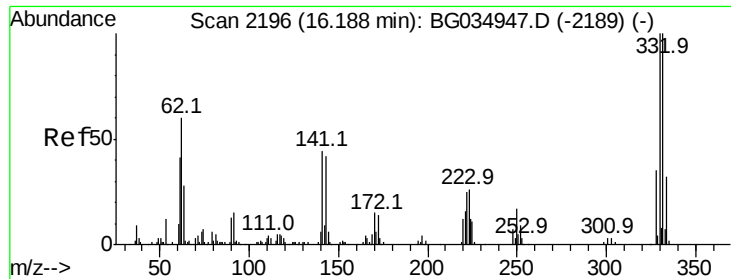
162 102.4 78.8 118.2

160 44.5 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: 197.433 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Instrument :

BNA_G

ClientSampleId :

SB-46COMP

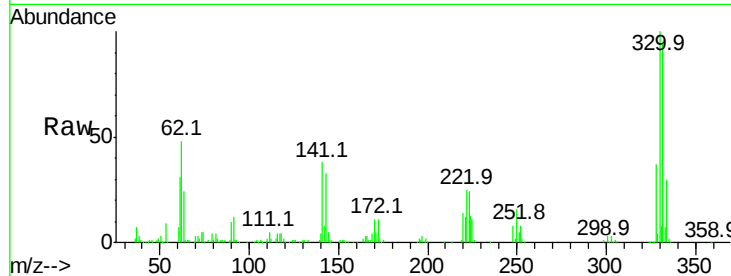
Tot Ion:330 Resp: 232237

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

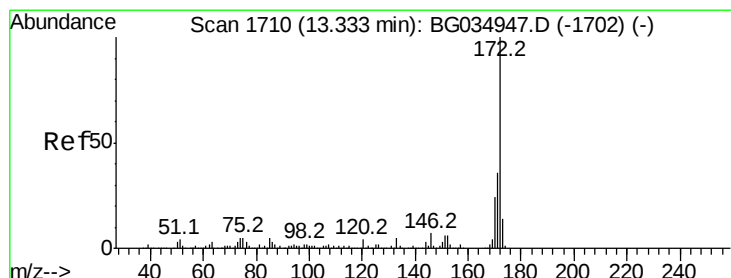
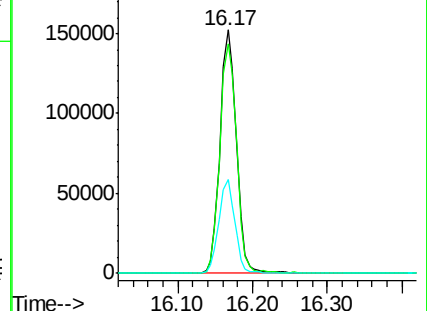
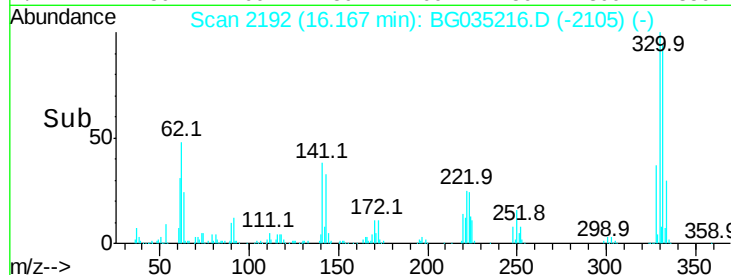
141 37.7 25.2 37.8



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: 90.285 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

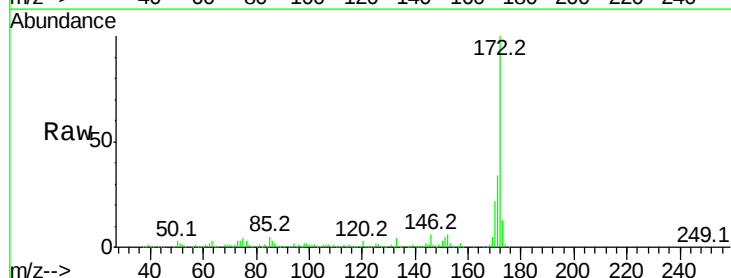
Tgt Ion:172 Resp: 638165

Ion Ratio Lower Upper

172 100

171 33.9 30.0 45.0

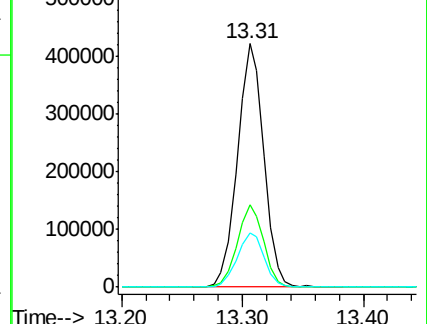
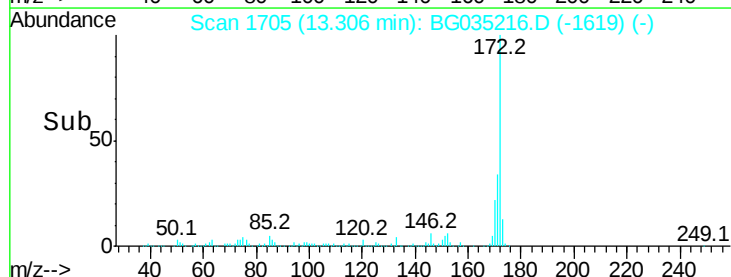
170 22.3 19.5 29.3

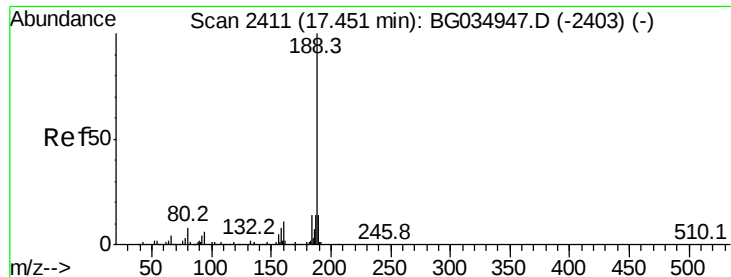


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

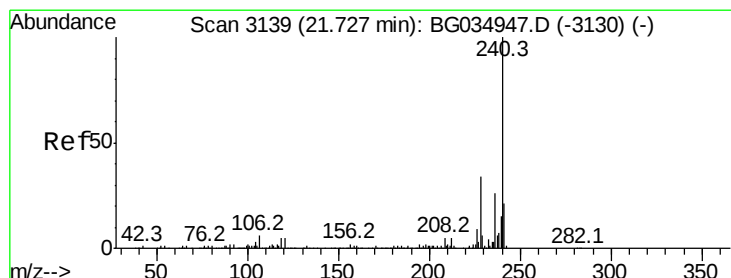
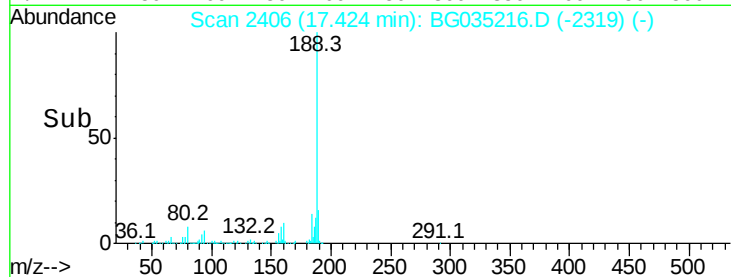
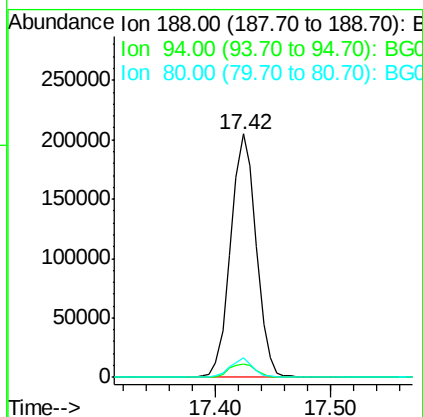
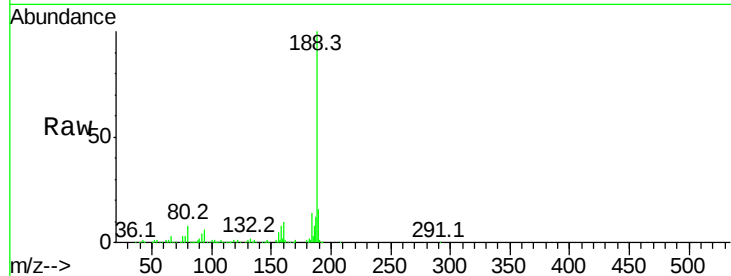




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

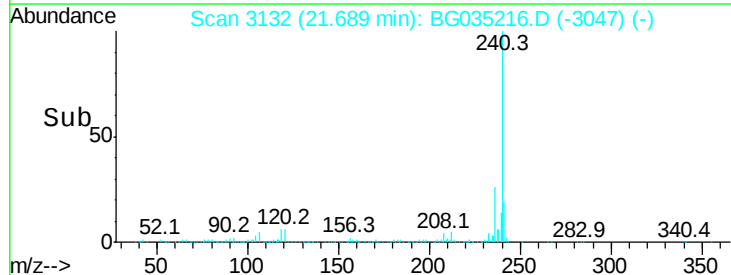
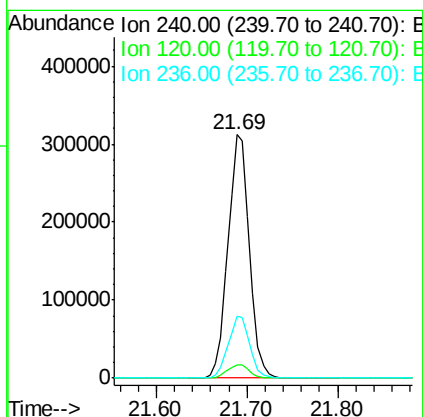
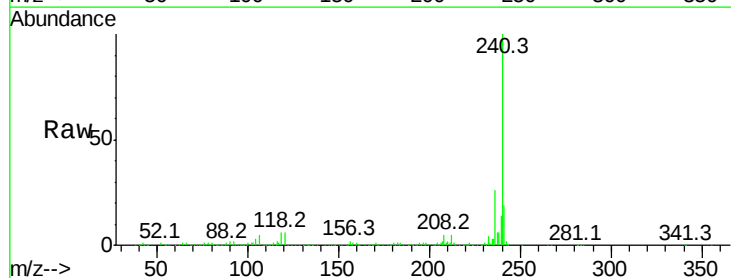
Instrument :
BNA_G
ClientSampleId :
SB-46COMP

Tot Ion:188 Resp: 313439
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035216.D
Acq: 18 Jun 2018 13:19

Tgt Ion:240 Resp: 510632
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 94.041 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

Instrument :

BNA_G

ClientSampleId :

SB-46COMP

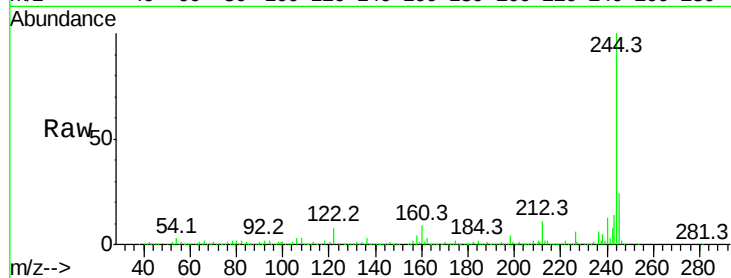
Tot Ion:244 Resp: 2292486

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

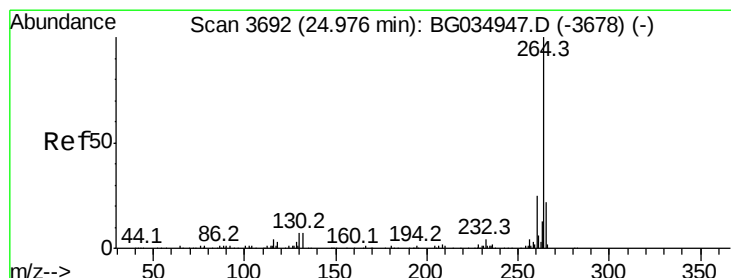
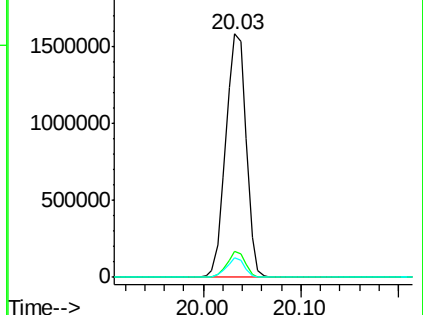
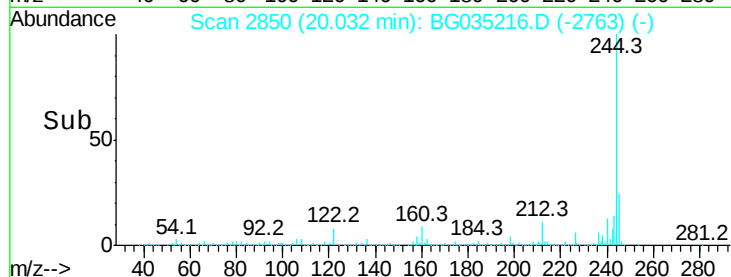
122 8.1 7.0 10.4



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. -0.03 min

Lab File: BG035216.D

Acq: 18 Jun 2018 13:19

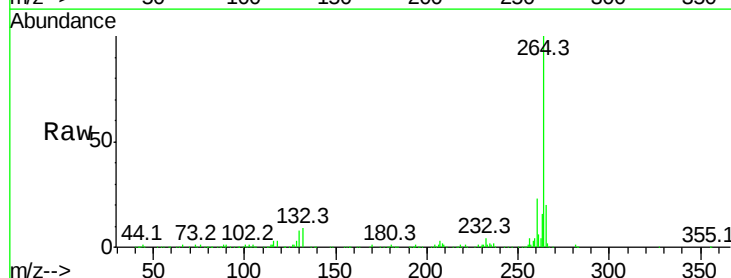
Tgt Ion:264 Resp: 392978

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 20.1 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

