

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035638.D
 Acq On : 13 Jul 2018 20:43
 Operator : JU/SJ
 Sample : J3941-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-MS-PH4-COA-7-18

Quant Time: Jul 14 01:01:28 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

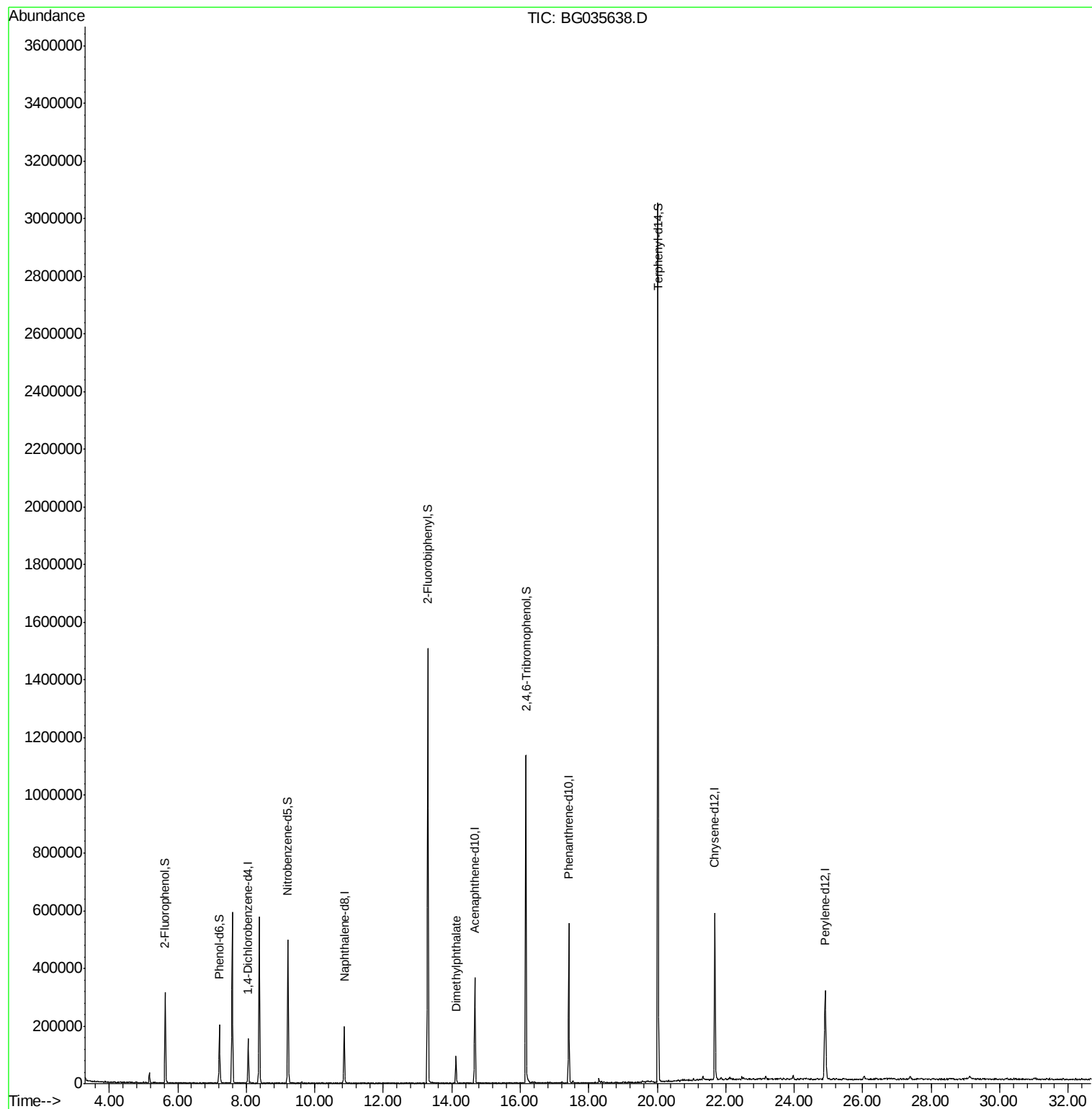
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41307	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	165607	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128430	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	347864	20.00	ng	0.00
75) Chrysene-d12	21.68	240	363864	20.00	ng	0.00
86) Perylene-d12	24.91	264	337582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	132034	53.07	ng	0.00
7) Phenol-d6	7.22	99	119985	32.32	ng	0.00
23) Nitrobenzene-d5	9.22	82	335869	84.72	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	211766	125.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	794462	82.88	ng	0.00
78) Terphenyl-d14	20.02	244	1422947	86.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	63774	5.668	ng	Qvalue 97

(#) = 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. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

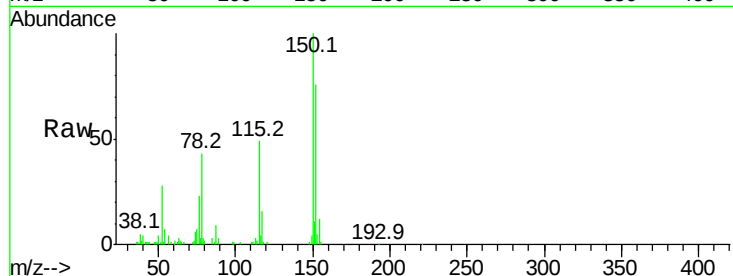
Tot Ion:152 Resp: 41307

Ion Ratio Lower Upper

152 100

150 131.4 126.6 189.8

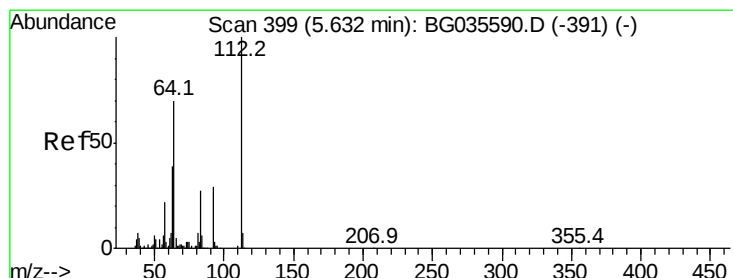
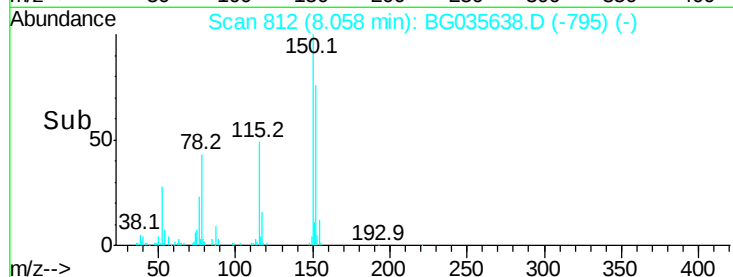
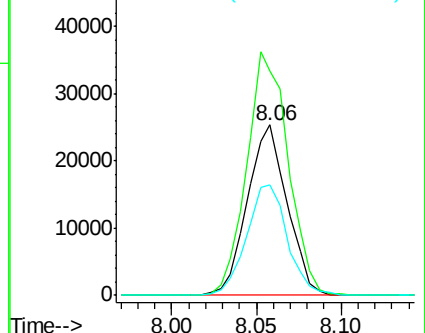
115 64.7 53.0 79.4



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: 53.068 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

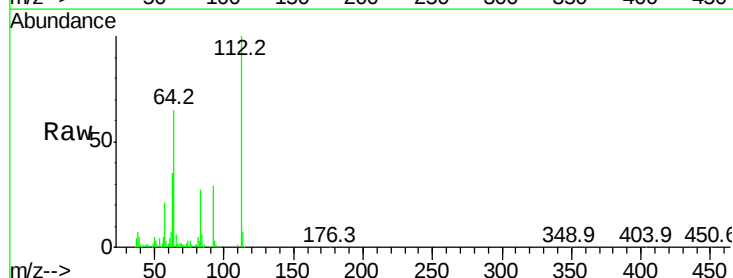
Tgt Ion:112 Resp: 132034

Ion Ratio Lower Upper

112 100

64 65.4 56.3 84.5

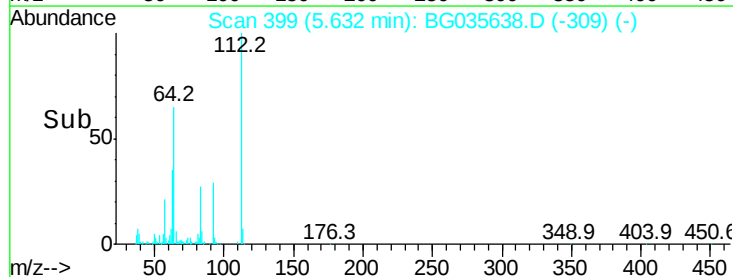
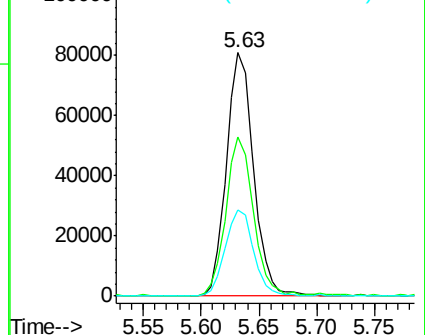
63 35.4 30.1 45.1

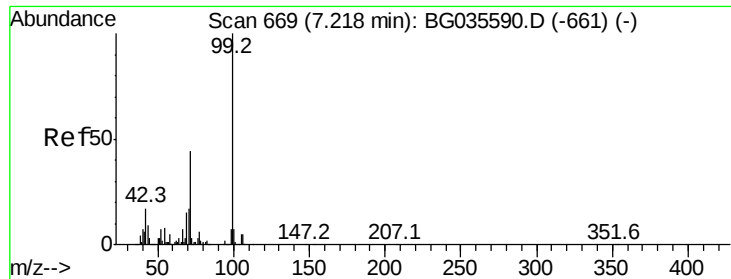


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.323 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

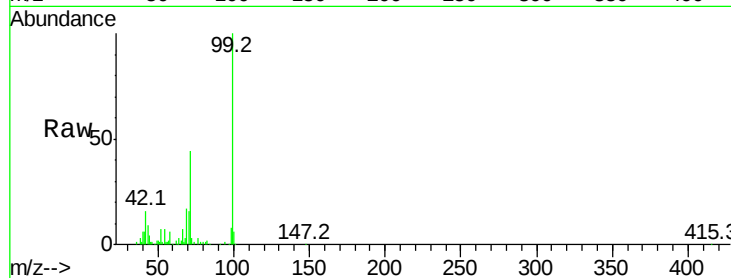
Tot Ion: 99 Resp: 119985

Ion Ratio Lower Upper

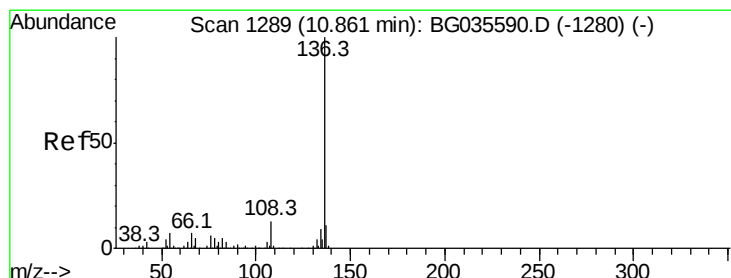
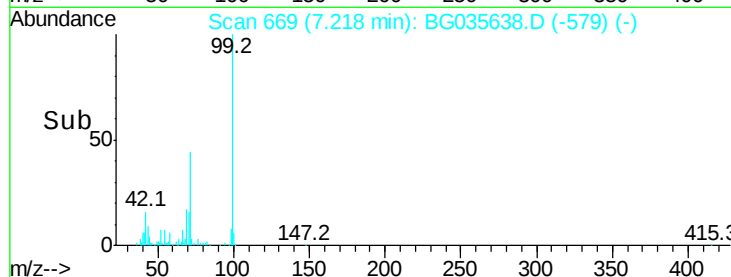
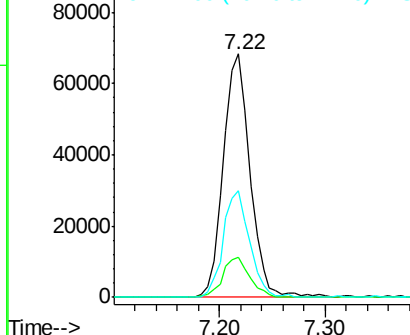
99 100

42 16.3 14.1 21.1

71 44.0 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Tgt Ion: 136 Resp: 165607

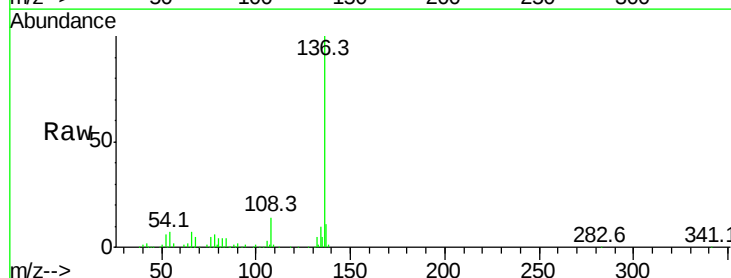
Ion Ratio Lower Upper

136 100

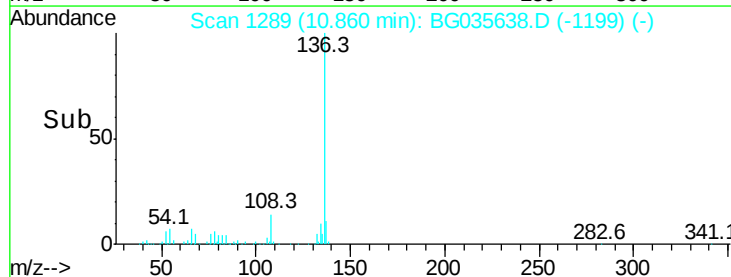
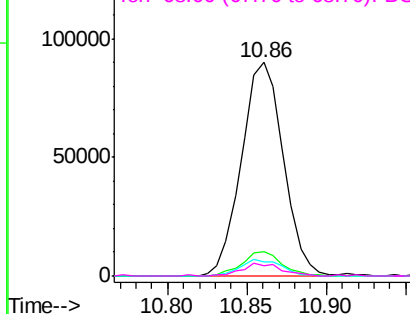
137 11.3 9.2 13.8

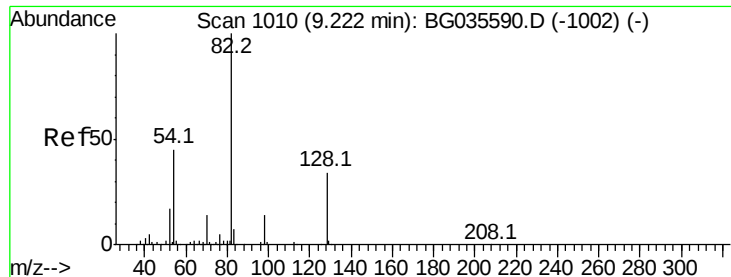
54 6.9 10.3 15.5#

68 5.1 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: 84.724 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

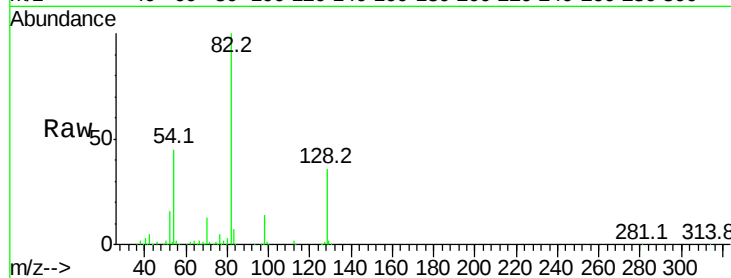
Tot Ion: 82 Resp: 335869

Ion Ratio Lower Upper

82 100

128 35.8 29.7 44.5

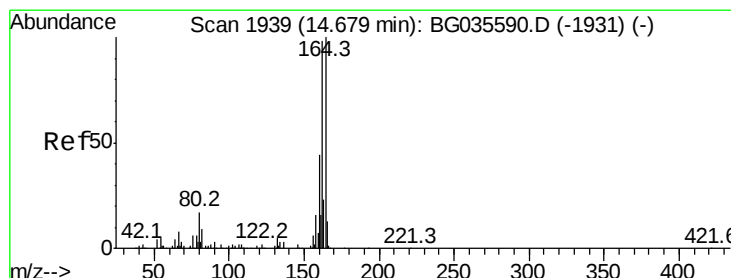
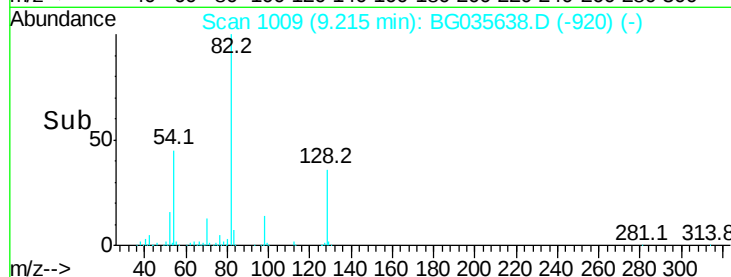
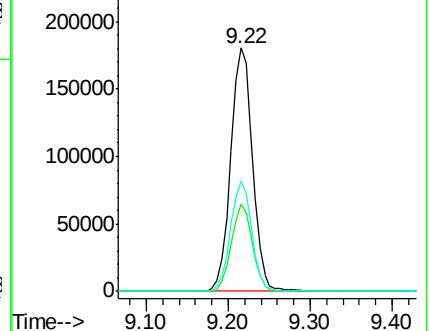
54 45.2 43.1 64.7



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: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

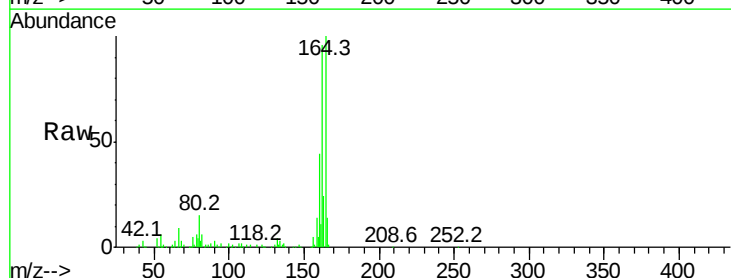
Tgt Ion: 164 Resp: 128430

Ion Ratio Lower Upper

164 100

162 96.2 78.8 118.2

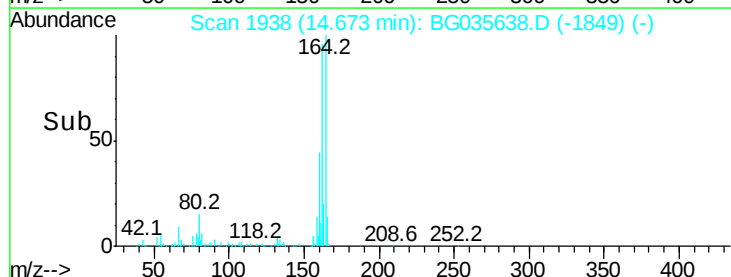
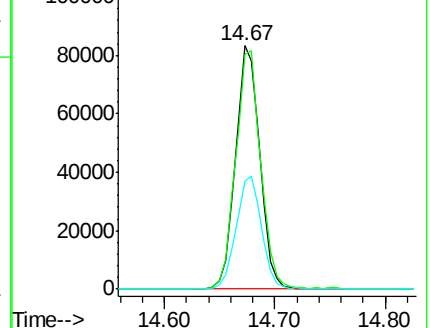
160 44.2 35.4 53.0



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

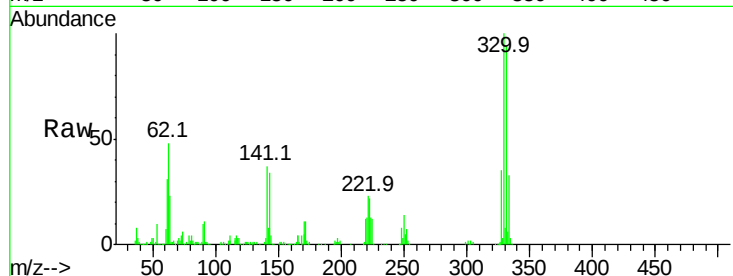




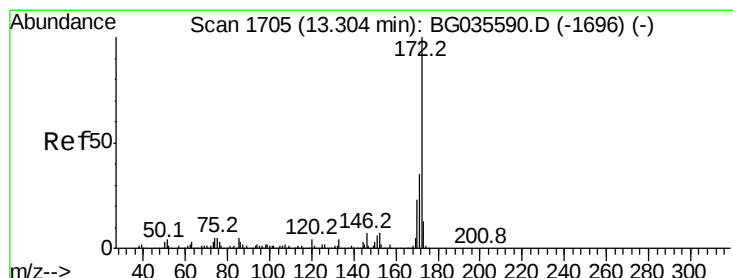
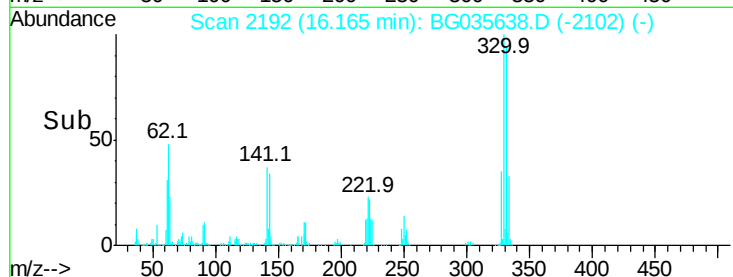
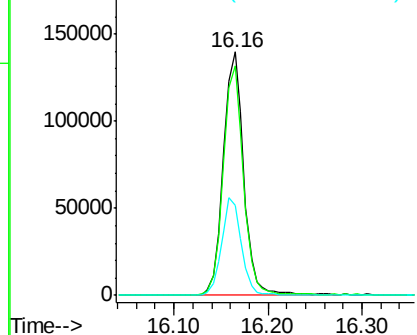
#41
 2,4,6-Tribromophenol
 Concen: 125.099 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035638.D
 Acq: 13 Jul 2018 20:43

Instrument :
 BNA_G
 ClientSampleId :
 SES-MS-PH4-COA-7-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	38.9	25.2	37.8#

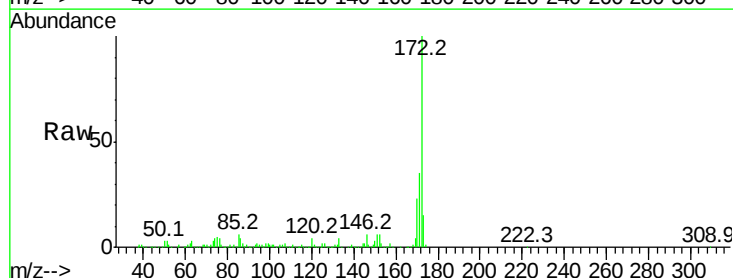


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

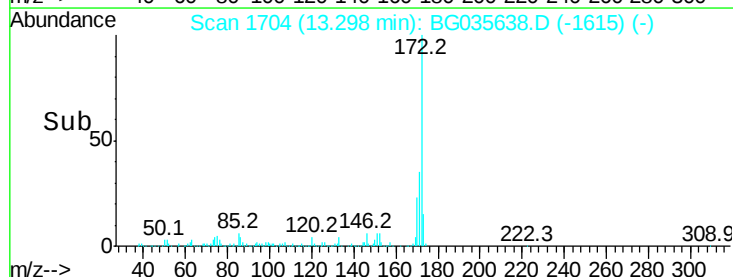
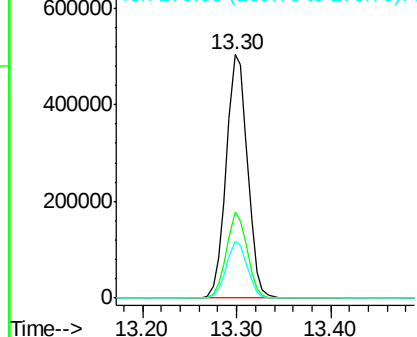


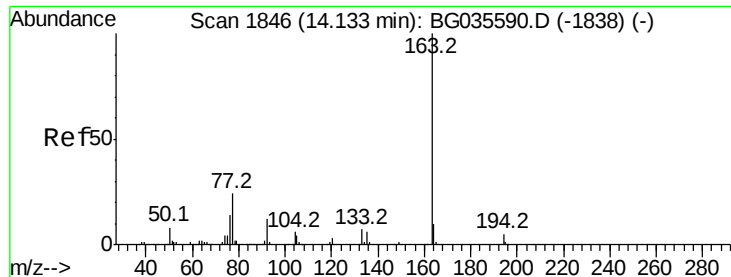
#44
 2-Fluorobiphenyl
 Concen: 82.876 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035638.D
 Acq: 13 Jul 2018 20:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.4	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

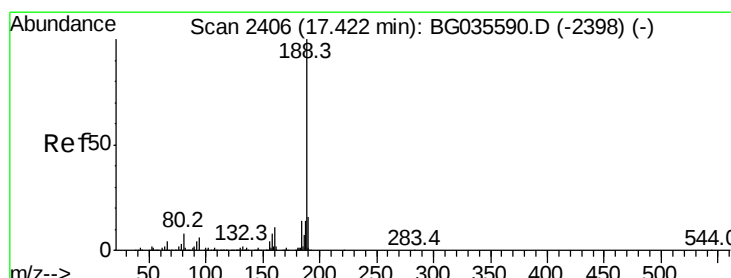
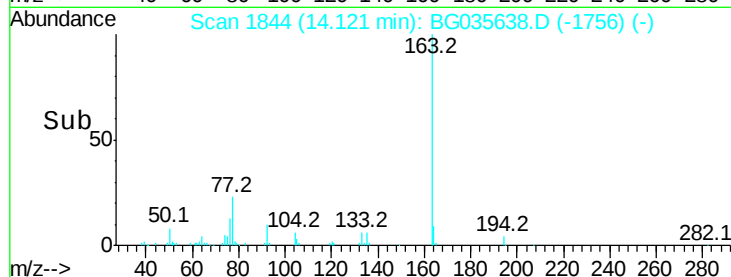
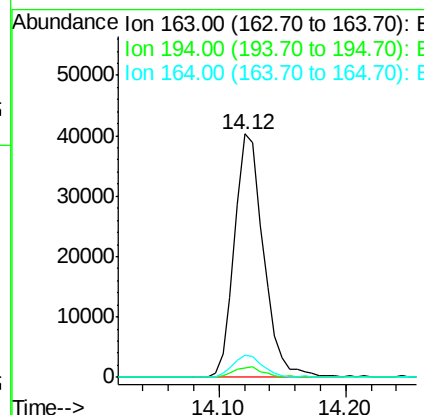
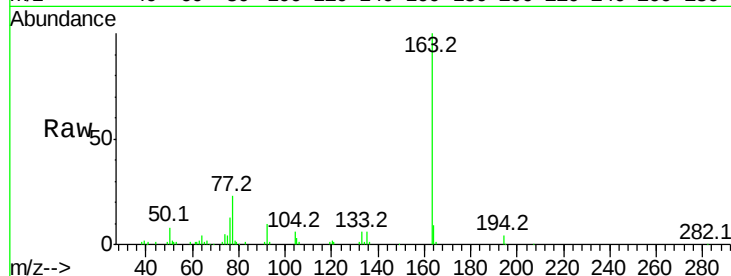




#49
Dimethylphthalate
Concen: 5.668 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

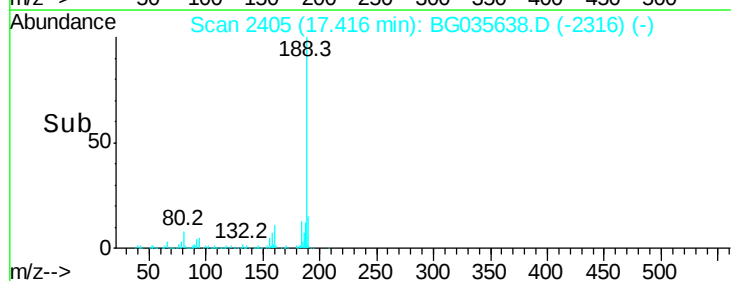
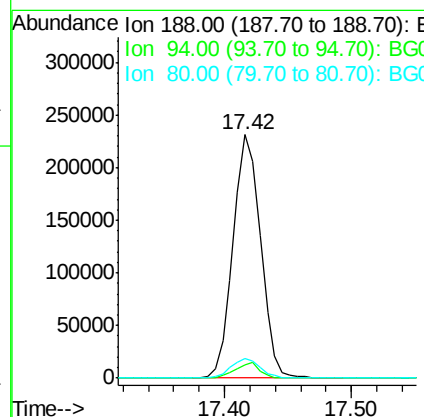
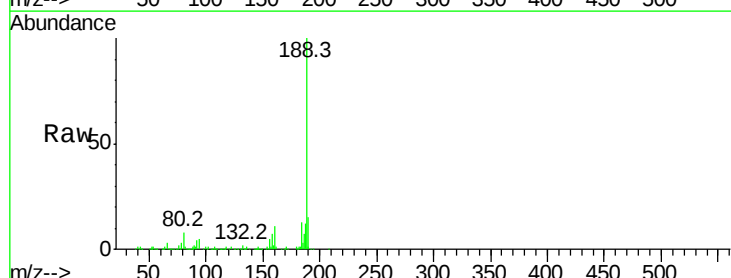
Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA-7-18

Tot Ion:163 Resp: 63774
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 8.9 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Tgt Ion:188 Resp: 347864
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 7.9 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA-7-18

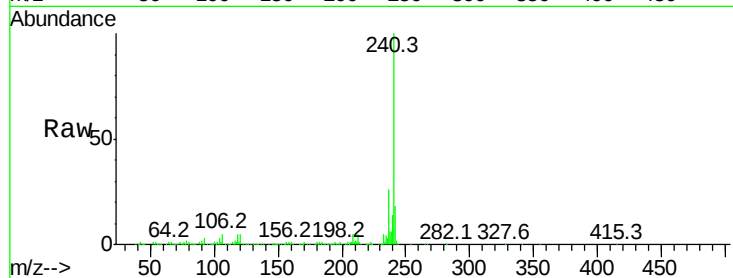
Tot Ion:240 Resp: 363864

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

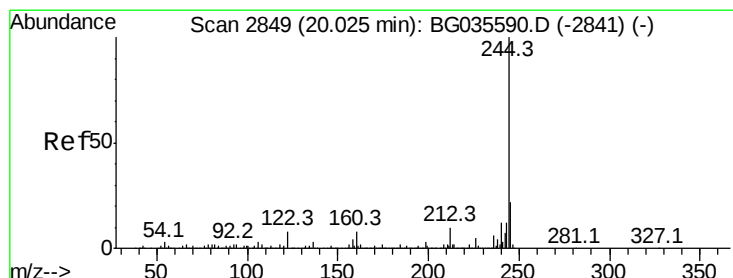
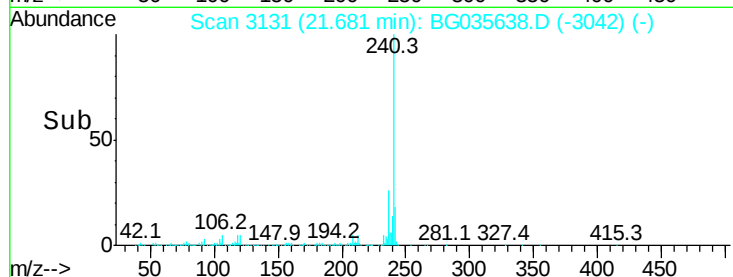
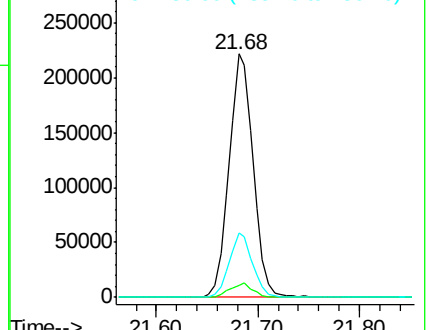
236 26.4 20.9 31.3



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: 86.203 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035638.D

Acq: 13 Jul 2018 20:43

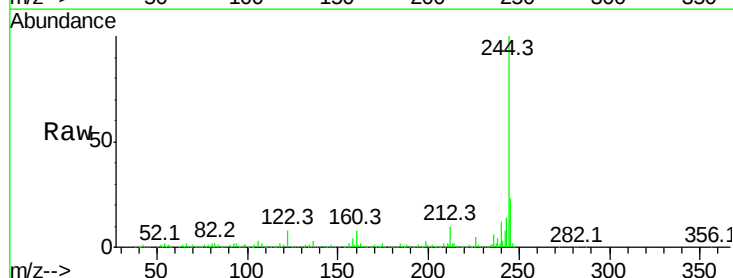
Tgt Ion:244 Resp: 1422947

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

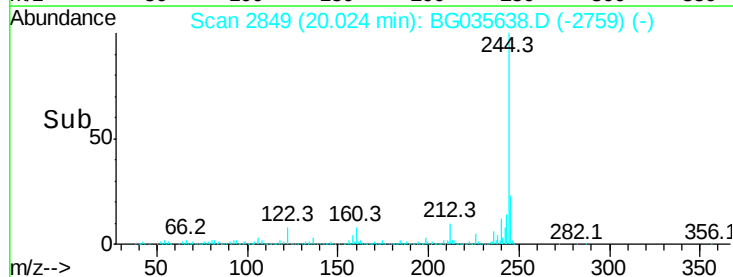
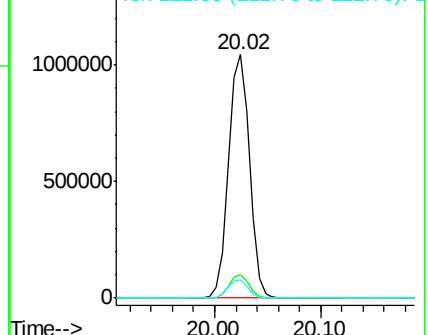
122 7.6 7.0 10.4

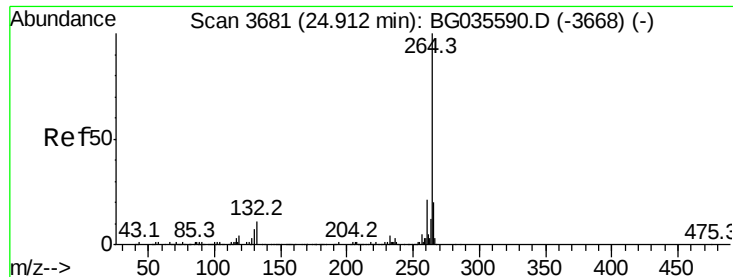


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

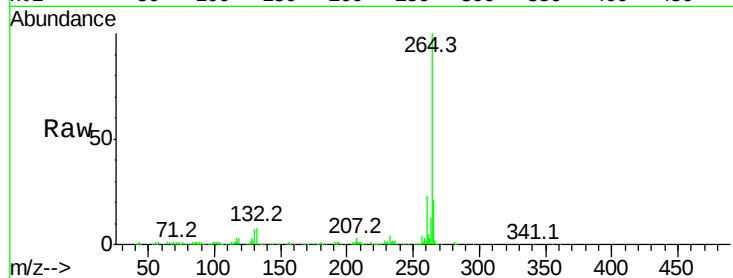




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG035638.D
Acq: 13 Jul 2018 20:43

Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA-7-18

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.9	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

