

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035209.D
 Acq On : 16 Jun 2018 15:39
 Operator : SJ/JU
 Sample : J3504-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMP

Quant Time: Jun 18 03:17:09 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	8.07	152	49897	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	187546	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	141706	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	390166	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	413496	20.00	ng	-0.02
86) Perylene-d12	24.93	264	316877	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	392012	132.59	ng	-0.01
7) Phenol-d6	7.22	99	520921	119.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	421473	106.82	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	288542	159.06	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	989247	90.75	ng	-0.02
78) Terphenyl-d14	20.03	244	1927207	97.63	ng	-0.02

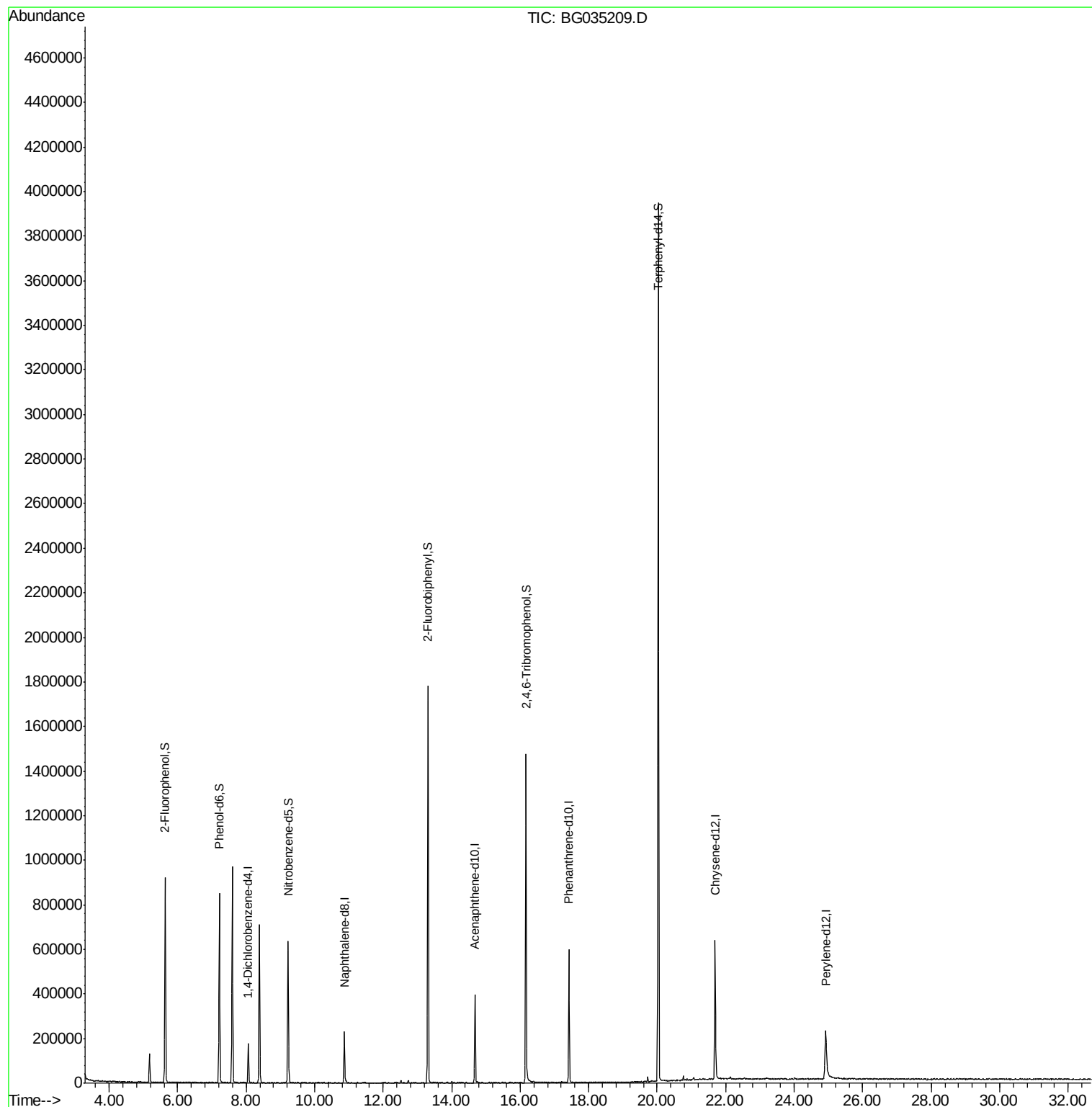
Target Compounds Qvalue

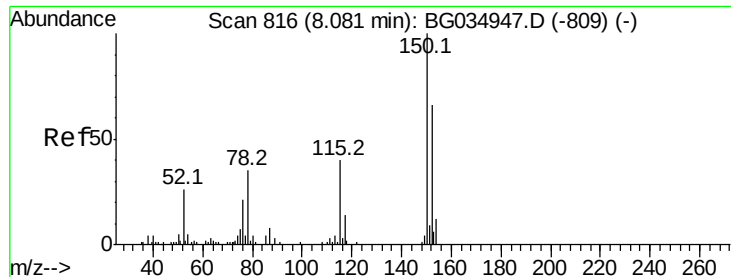
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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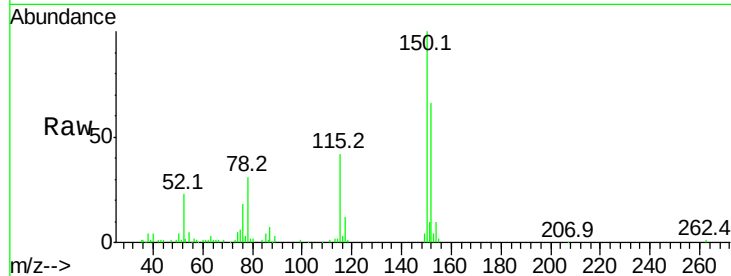


#1

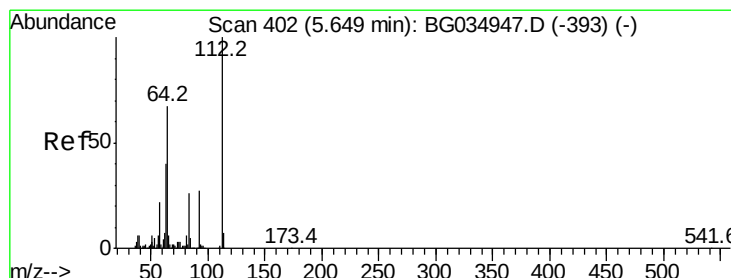
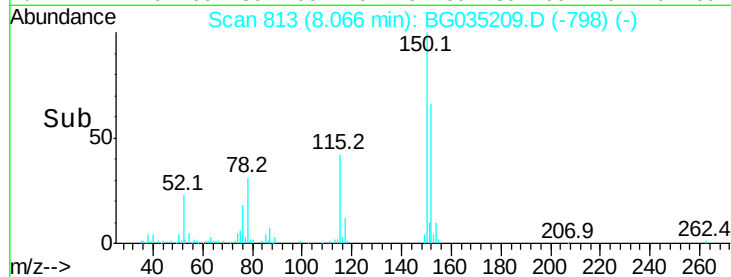
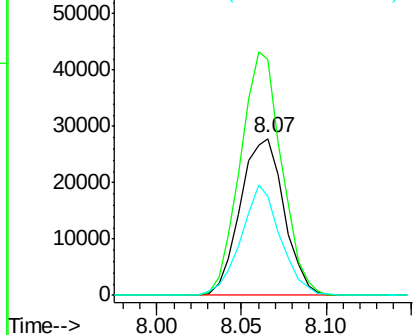
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035209.D
Acq: 16 Jun 2018 15:39

Instrument :
BNA_G
ClientSampleId :
SB-44COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	126.6	189.8
115	62.7	53.0	79.4



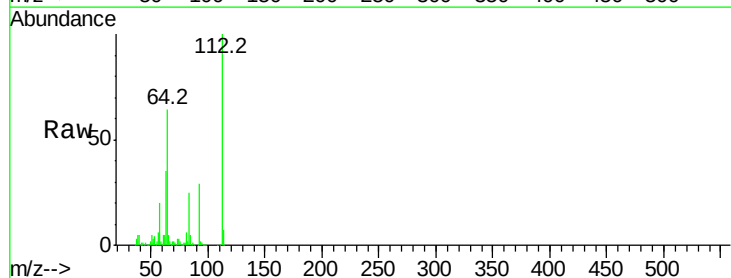
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



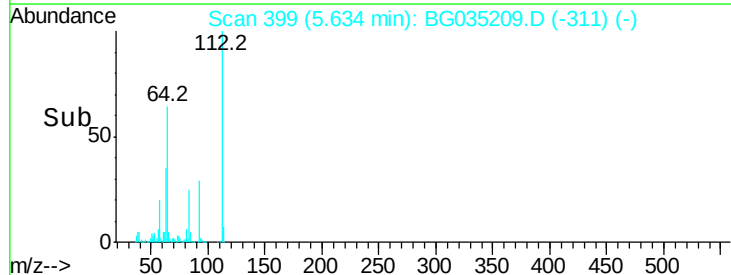
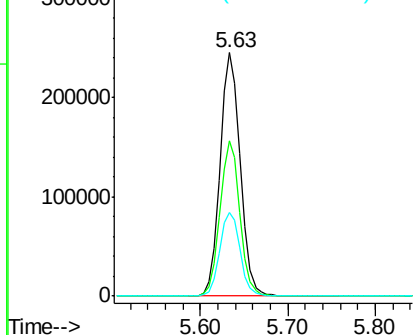
#5

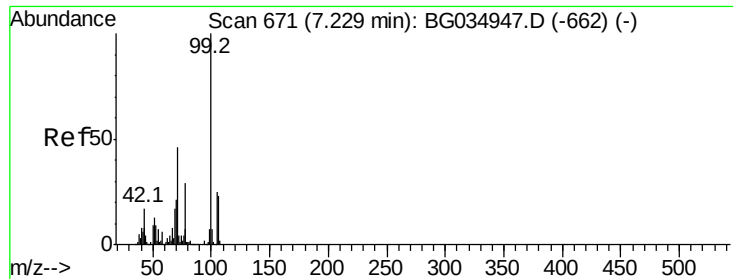
2-Fluorophenol
Concen: 132.586 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035209.D
Acq: 16 Jun 2018 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	56.3	84.5
63	34.5	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: 119.371 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035209.D

Acq: 16 Jun 2018 15:39

Instrument :

BNA_G

ClientSampleId :

SB-44COMP

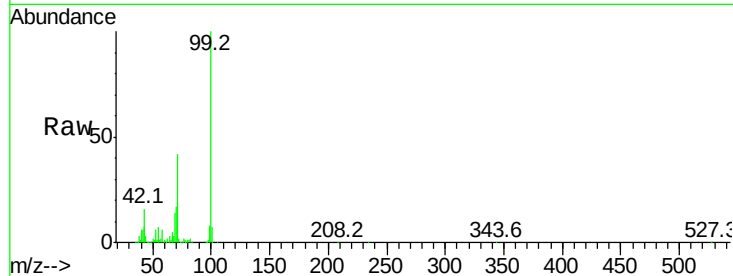
Tot Ion: 99 Resp: 520921

Ion Ratio Lower Upper

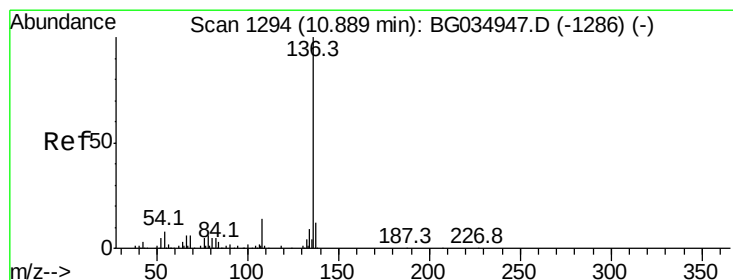
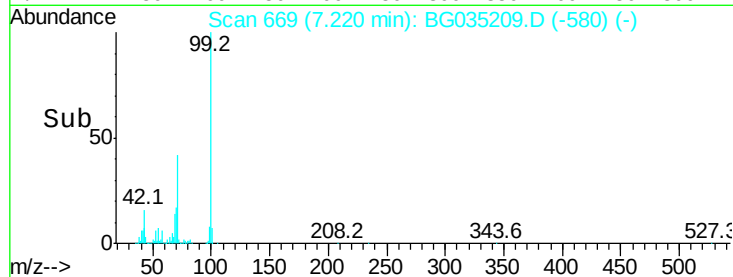
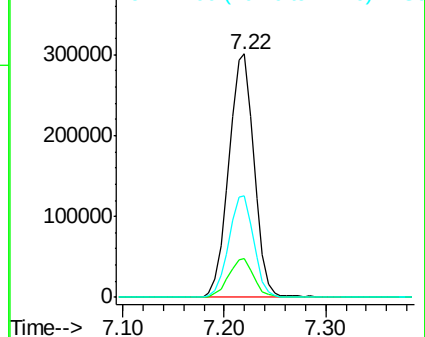
99 100

42 15.8 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035209.D

Acq: 16 Jun 2018 15:39

Tgt Ion: 136 Resp: 187546

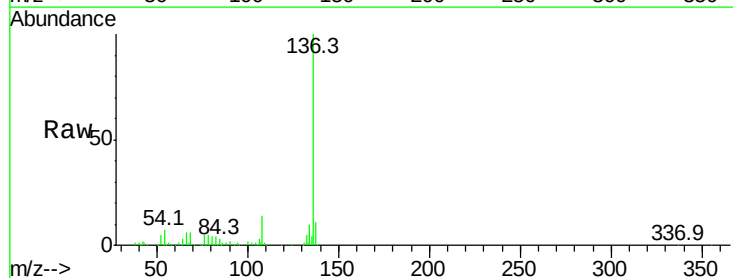
Ion Ratio Lower Upper

136 100

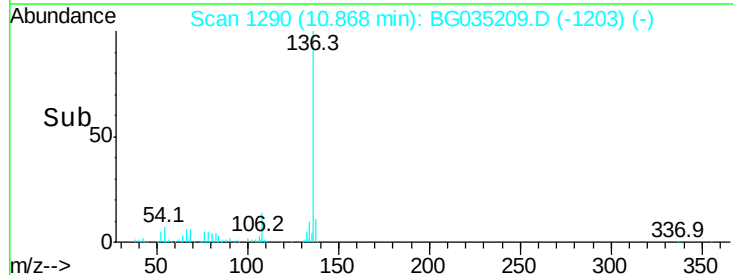
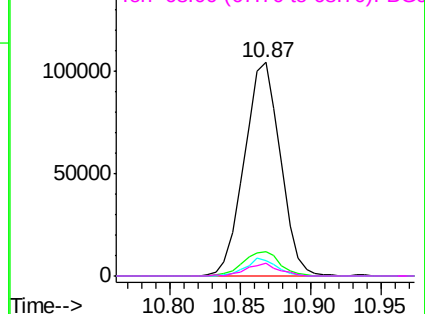
137 11.2 9.2 13.8

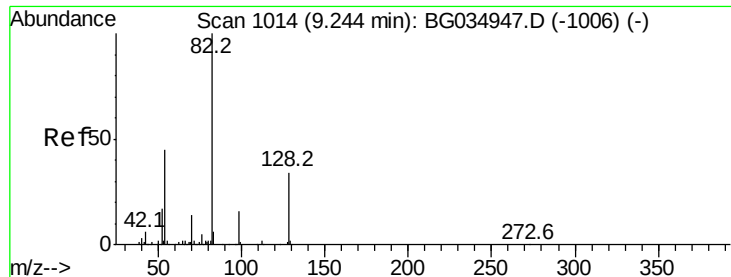
54 7.1 10.3 15.5#

68 5.9 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: 106.824 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035209.D

Acq: 16 Jun 2018 15:39

Instrument :

BNA_G

ClientSampleId :

SB-44COMP

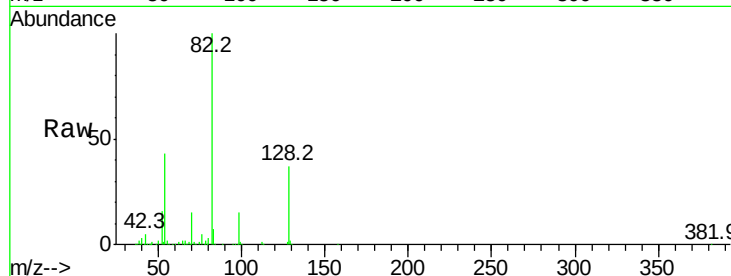
Tot Ion: 82 Resp: 421473

Ion Ratio Lower Upper

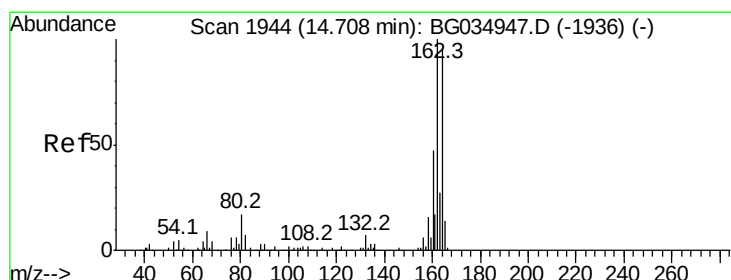
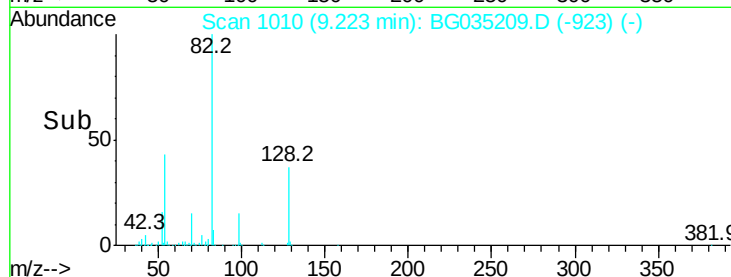
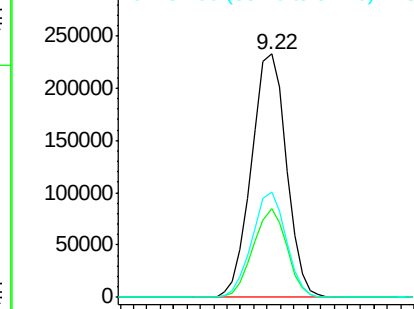
82 100

128 36.5 29.7 44.5

54 43.2 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: BG035209.D

Acq: 16 Jun 2018 15:39

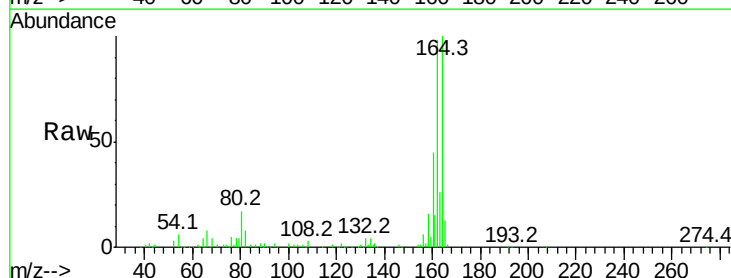
Tgt Ion: 164 Resp: 141706

Ion Ratio Lower Upper

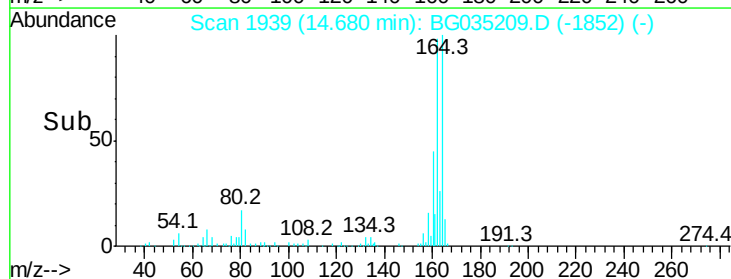
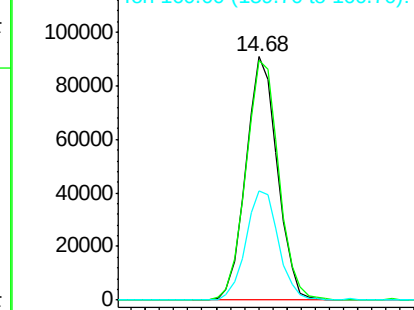
164 100

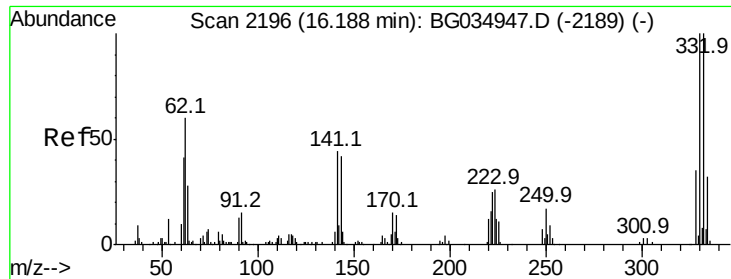
162 98.4 78.8 118.2

160 44.8 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

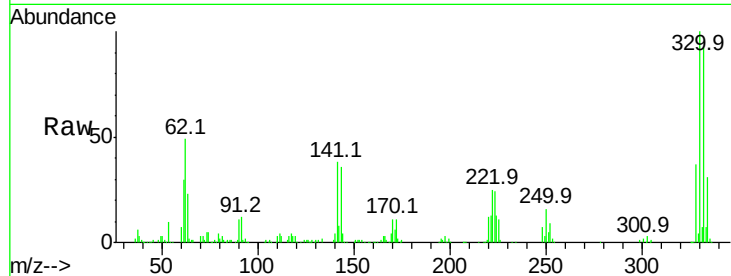




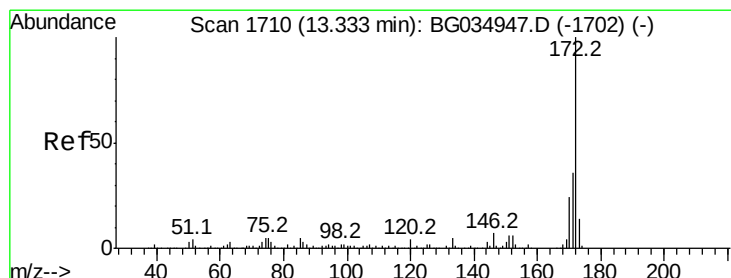
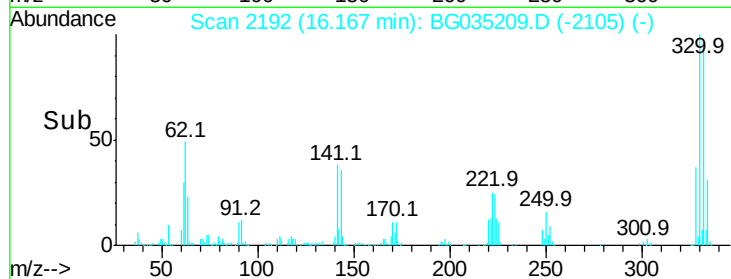
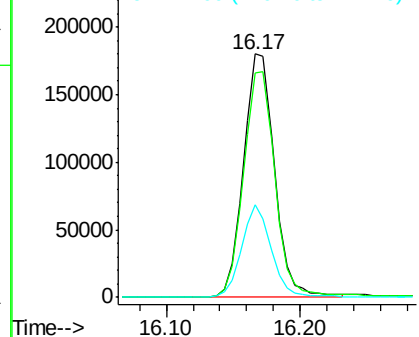
#41
 2,4,6-Tribromophenol
 Concen: 159.062 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035209.D
 Acq: 16 Jun 2018 15:39

Instrument :
 BNA_G
 ClientSampleId :
 SB-44COMP

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.3			77.0	115.6	
141	36.8			25.2	37.8	

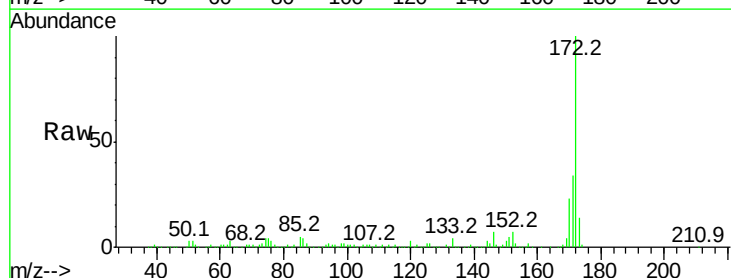


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

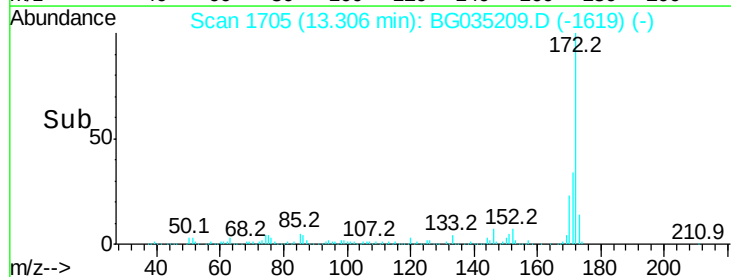
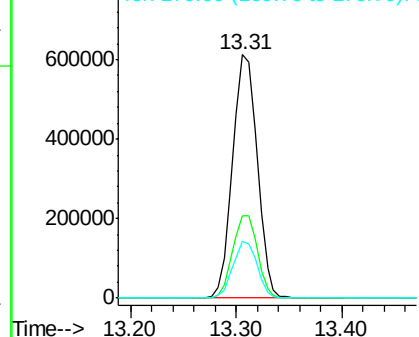


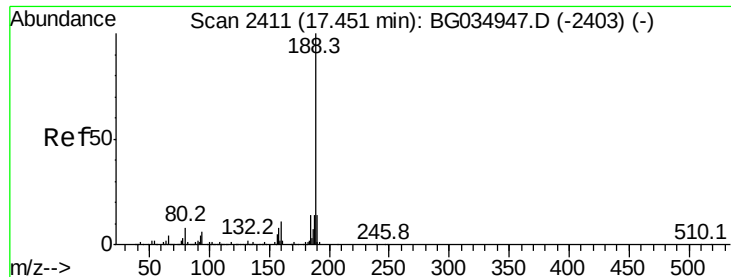
#44
 2-Fluorobiphenyl
 Concen: 90.753 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035209.D
 Acq: 16 Jun 2018 15:39

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	34.0			30.0	45.0	
170	23.3			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

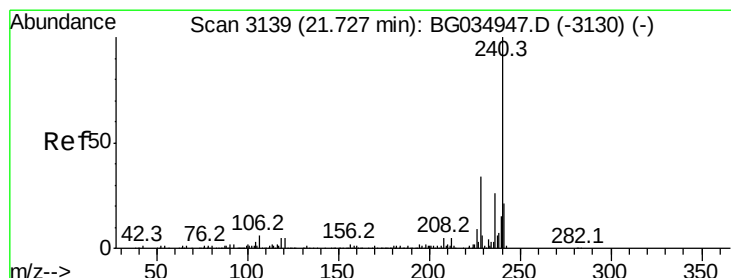
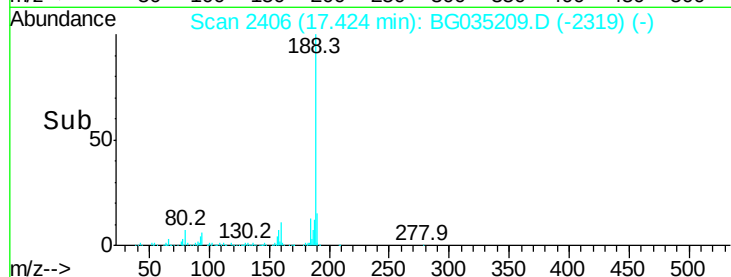
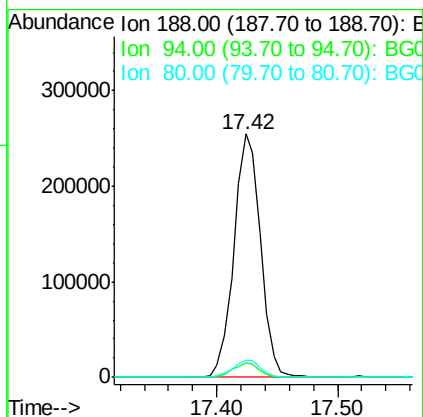
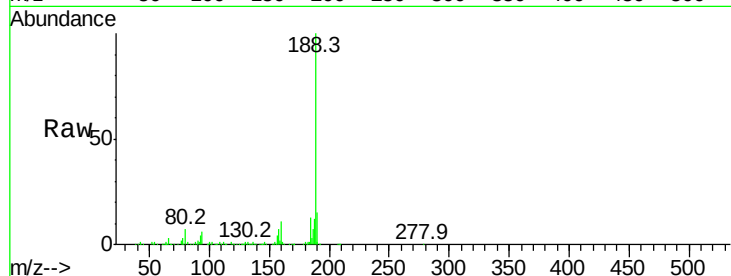




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035209.D
Acq: 16 Jun 2018 15:39

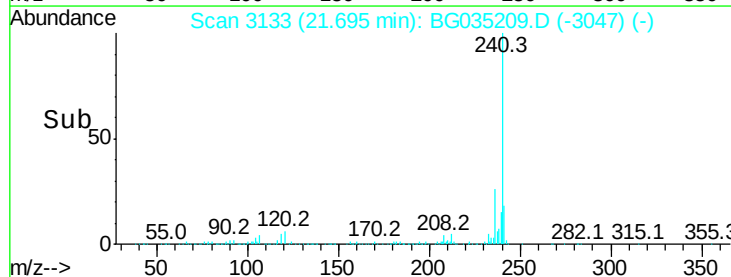
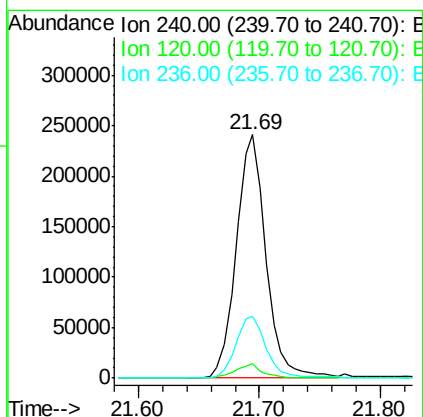
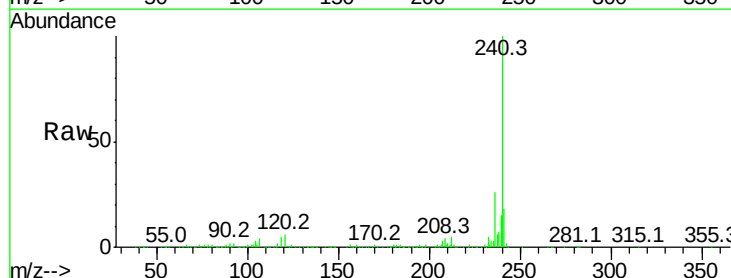
Instrument :
BNA_G
ClientSampleId :
SB-44COMP

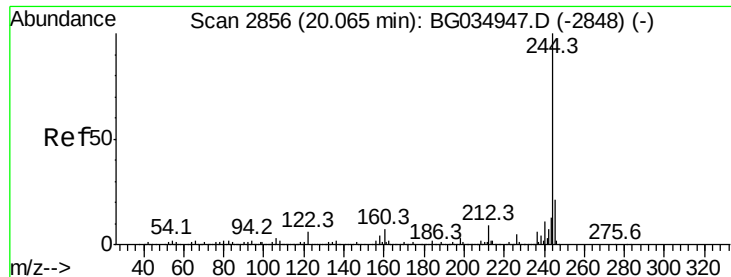
Tot Ion:188 Resp: 390166
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035209.D
Acq: 16 Jun 2018 15:39

Tgt Ion:240 Resp: 413496
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 97.628 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035209.D

Acq: 16 Jun 2018 15:39

Instrument :

BNA_G

ClientSampleId :

SB-44COMP

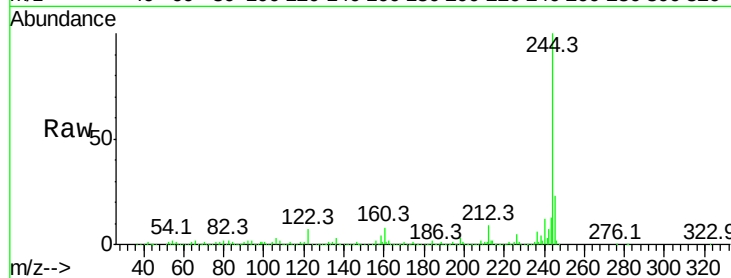
Tot Ion:244 Resp: 1927207

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

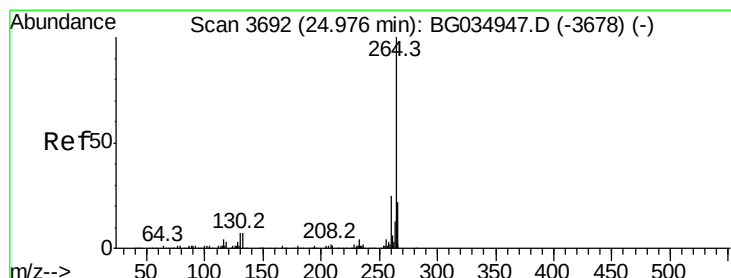
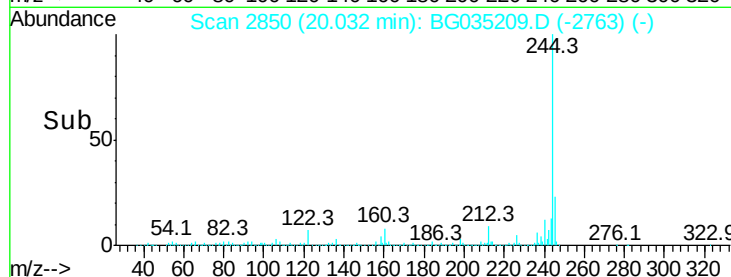
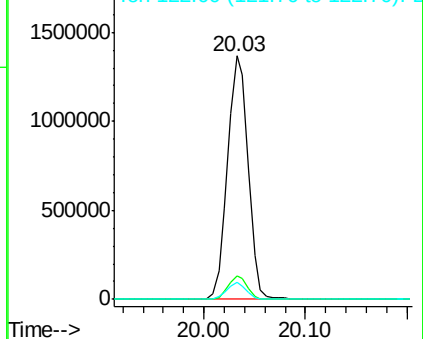
122 7.2 7.0 10.4



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# 3683

Delta R.T. -0.03 min

Lab File: BG035209.D

Acq: 16 Jun 2018 15:39

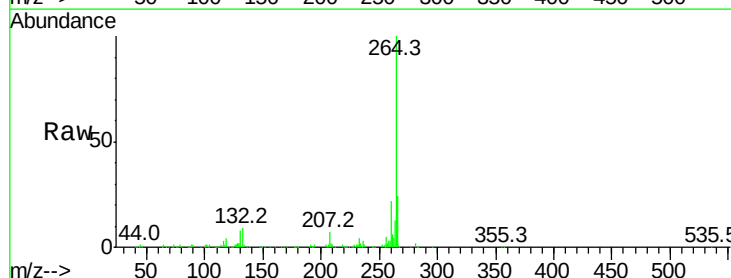
Tgt Ion:264 Resp: 316877

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

265 24.4 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

