

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035221.D
 Acq On : 18 Jun 2018 16:34
 Operator : SJ/JU
 Sample : J3464-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-41-COMP

Quant Time: Jun 18 17:20:44 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

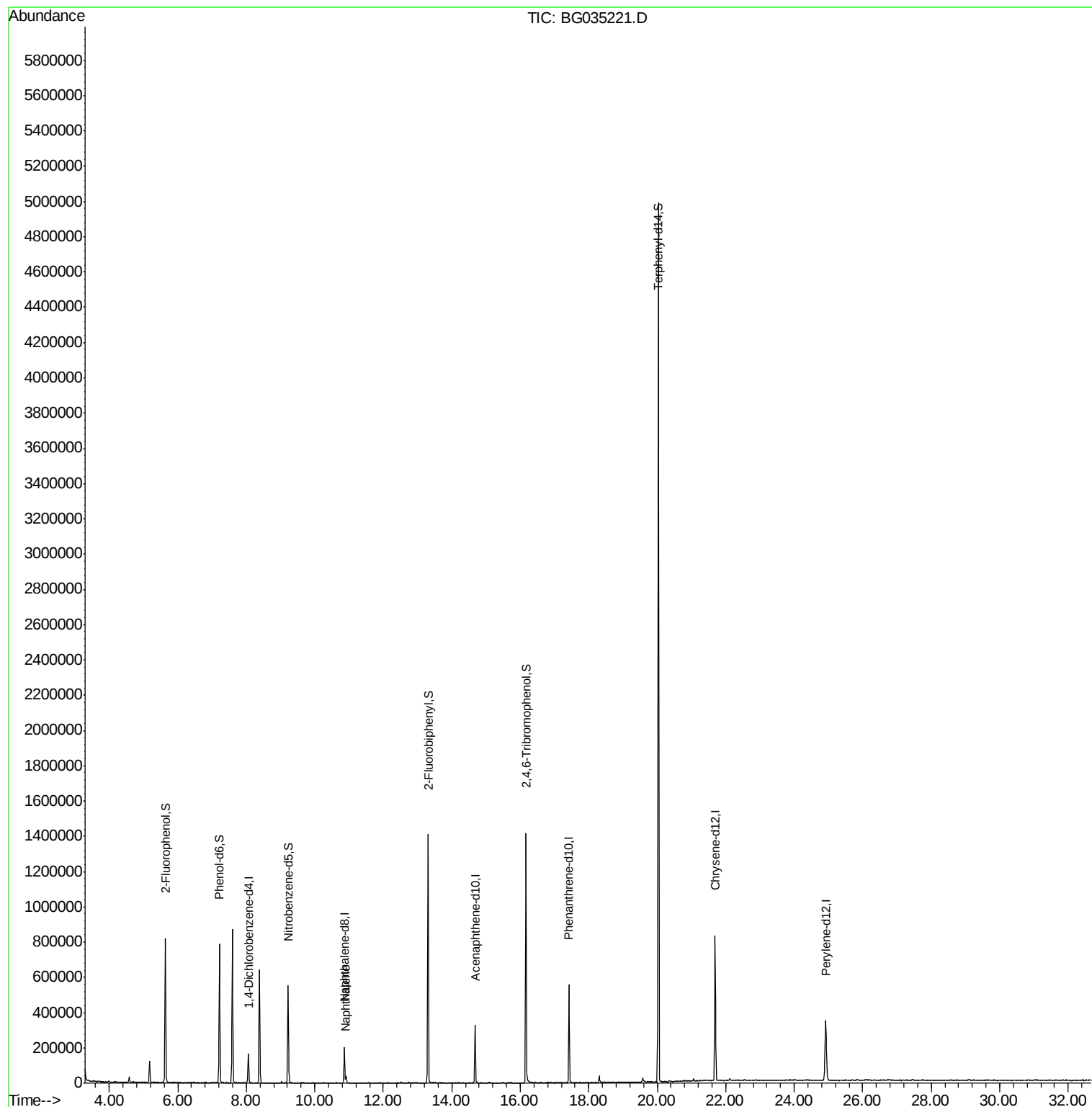
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48183	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	168005	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	115864	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	360610	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	510908	20.00	ng	-0.02
86) Perylene-d12	24.92	264	363650	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	360117	126.13	ng	0.00
7) Phenol-d6	7.22	99	474716	112.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	361531	102.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	268135	180.78	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	779285	87.44	ng	-0.02
78) Terphenyl-d14	20.04	244	2252629	92.36	ng	-0.01
Target Compounds						
31) Naphthalene	10.91	128	30840	3.534	ng	Qvalue # 90

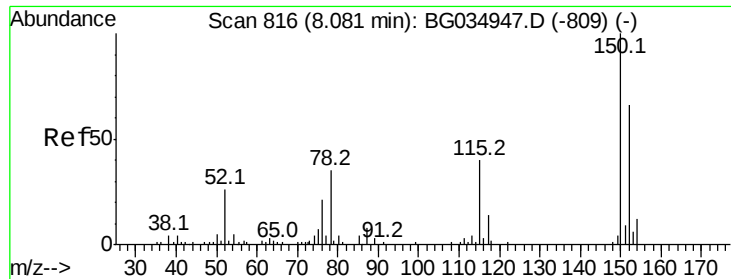
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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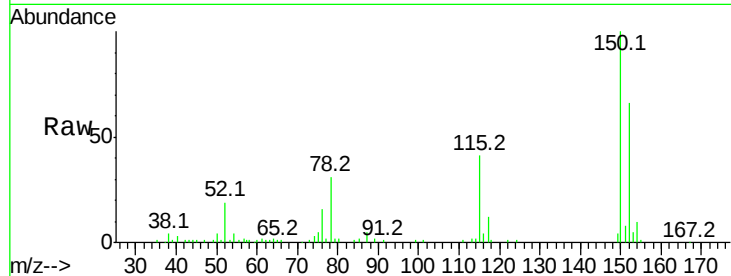


#1

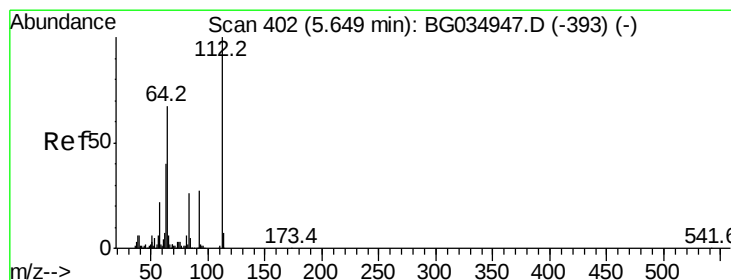
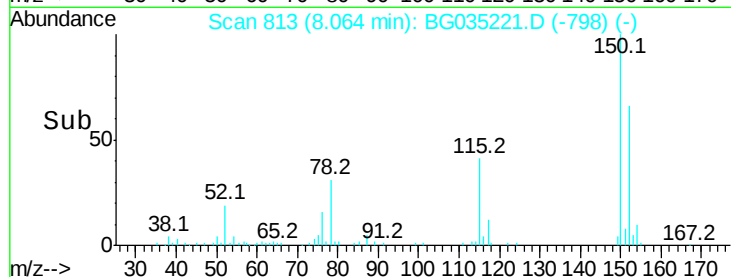
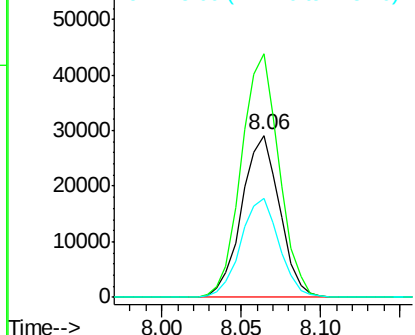
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035221.D
Acq: 18 Jun 2018 16:34

Instrument :
BNA_G
ClientSampleId :
SB-41-COMP

Tot Ion:152 Resp: 48183
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 61.3 53.0 79.4



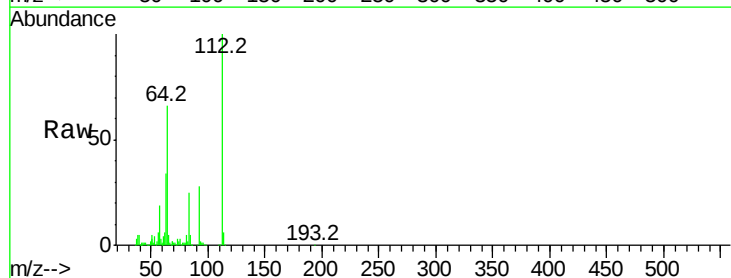
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



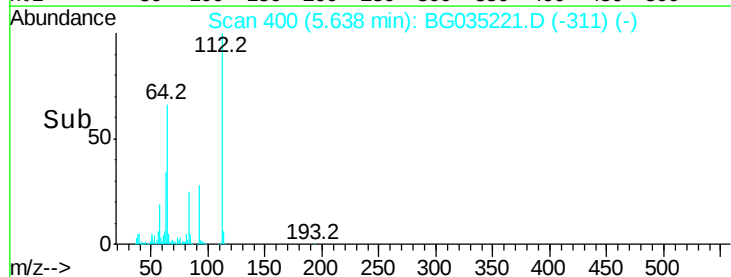
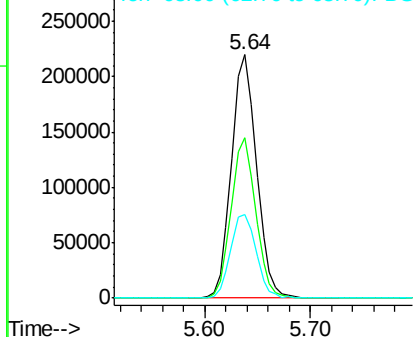
#5

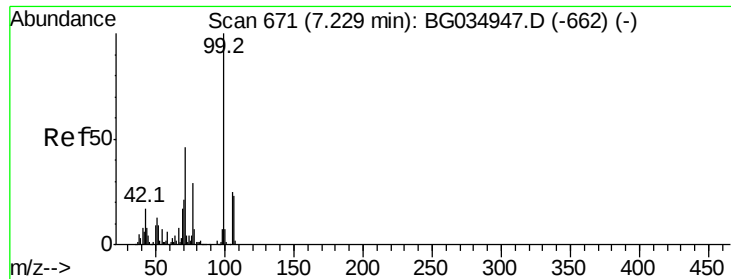
2-Fluorophenol
Concen: 126.131 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035221.D
Acq: 18 Jun 2018 16:34

Tgt Ion:112 Resp: 360117
Ion Ratio Lower Upper
112 100
64 65.6 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: 112.653 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035221.D

Acq: 18 Jun 2018 16:34

Instrument :

BNA_G

ClientSampleId :

SB-41-COMP

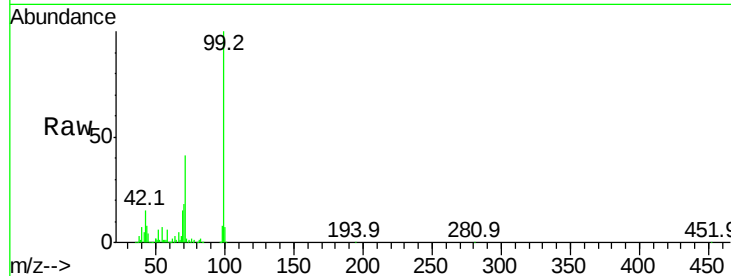
Tot Ion: 99 Resp: 474716

Ion Ratio Lower Upper

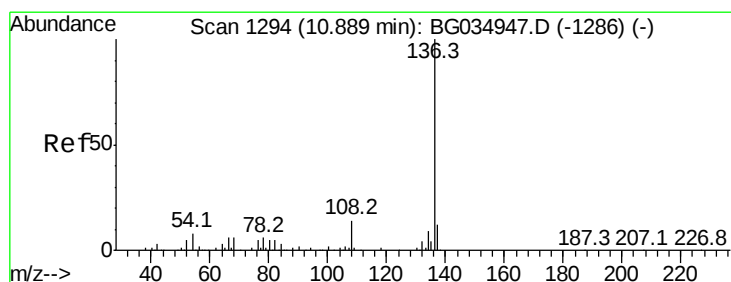
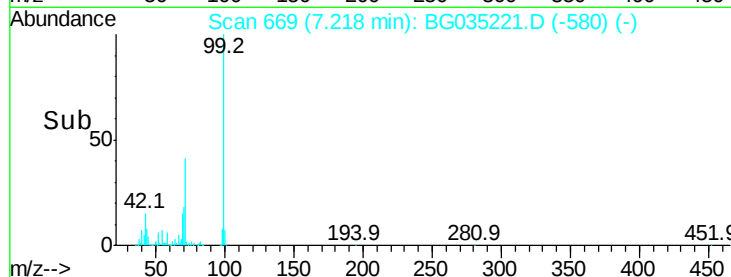
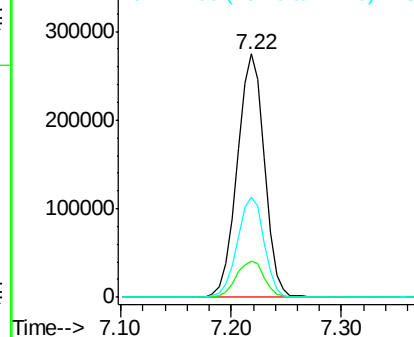
99 100

42 15.1 14.1 21.1

71 41.4 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: BG035221.D

Acq: 18 Jun 2018 16:34

Tgt Ion: 136 Resp: 168005

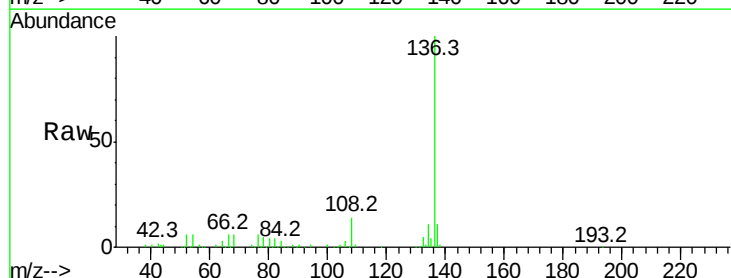
Ion Ratio Lower Upper

136 100

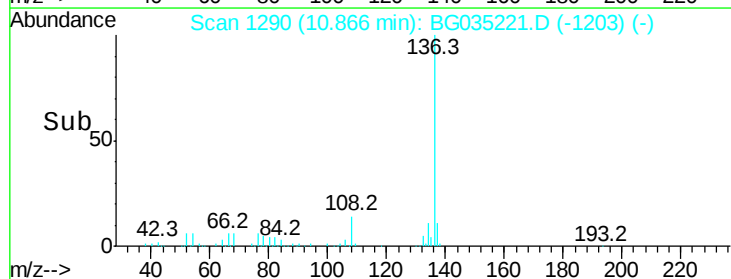
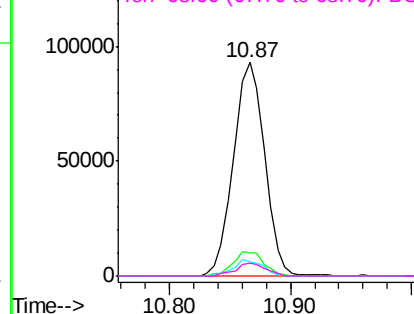
137 10.7 9.2 13.8

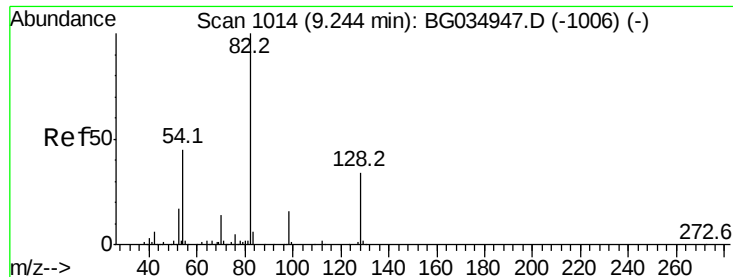
54 6.4 10.3 15.5#

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: 102.289 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035221.D

Acq: 18 Jun 2018 16:34

Instrument :

BNA_G

ClientSampled :

SB-41-COMP

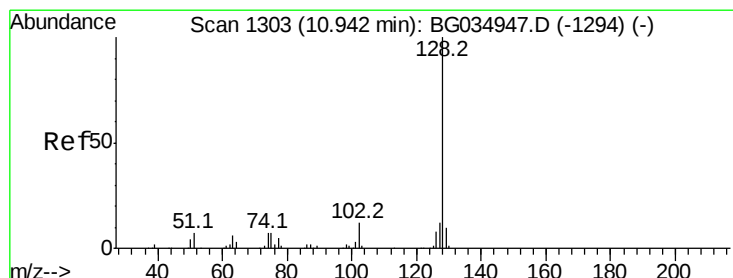
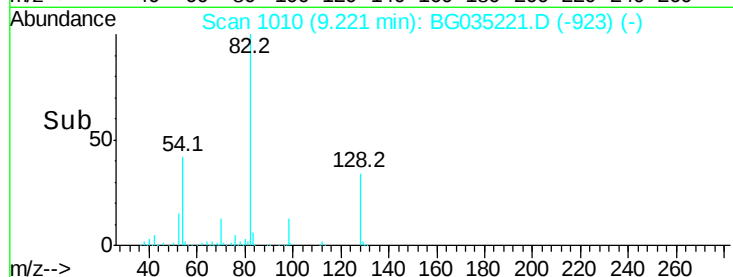
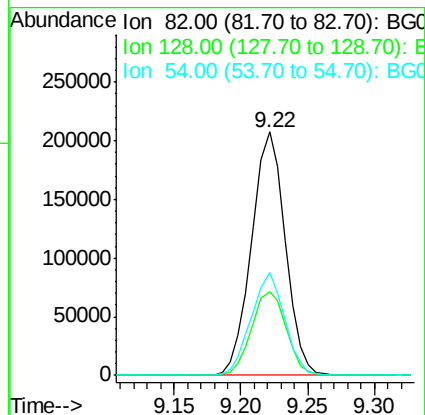
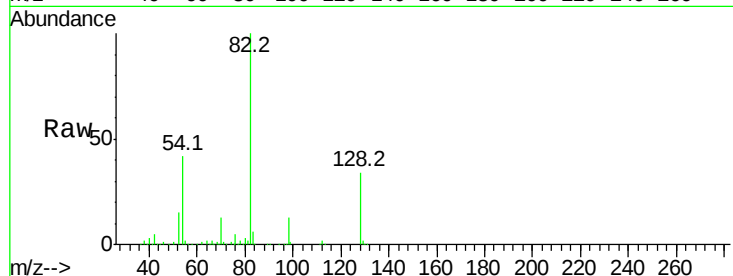
Tot Ion: 82 Resp: 361531

Ion Ratio Lower Upper

82 100

128 34.4 29.7 44.5

54 42.3 43.1 64.7#



#31

Naphthalene

Concen: 3.534 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG035221.D

Acq: 18 Jun 2018 16:34

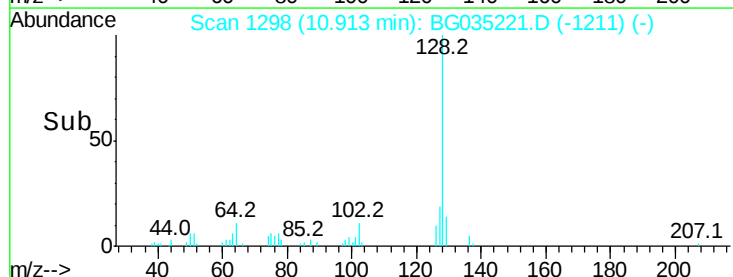
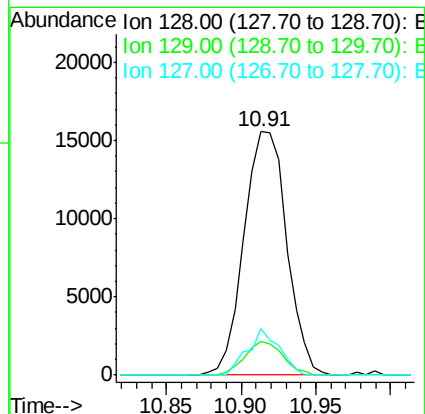
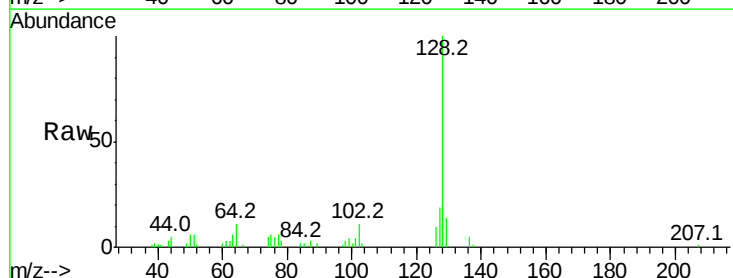
Tgt Ion: 128 Resp: 30840

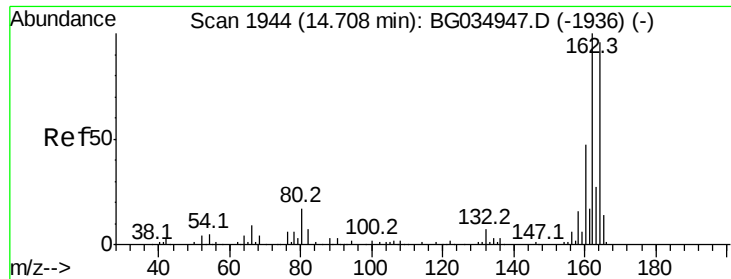
Ion Ratio Lower Upper

128 100

129 14.0 8.6 12.8#

127 18.9 11.6 17.4#

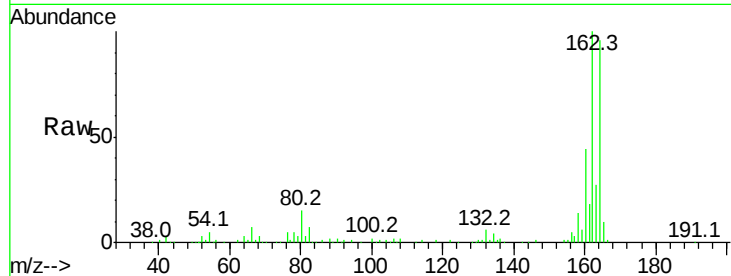




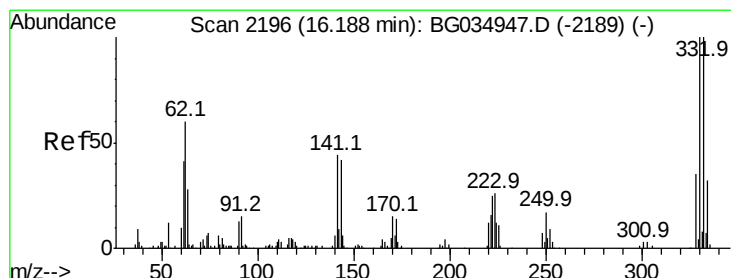
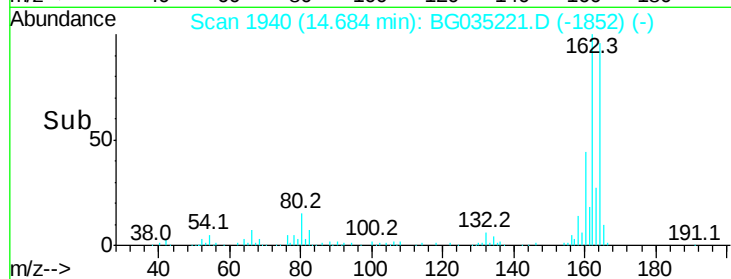
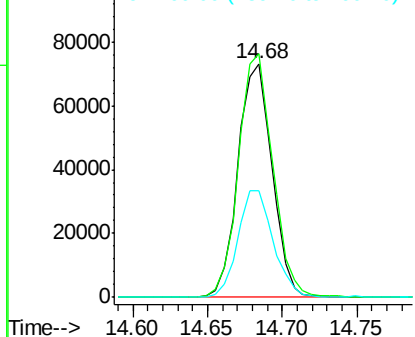
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035221.D
Acq: 18 Jun 2018 16:34

Instrument :
BNA_G
ClientSampleId :
SB-41-COMP

Tot Ion:164 Resp: 115864
Ion Ratio Lower Upper
164 100
162 104.1 78.8 118.2
160 45.5 35.4 53.0

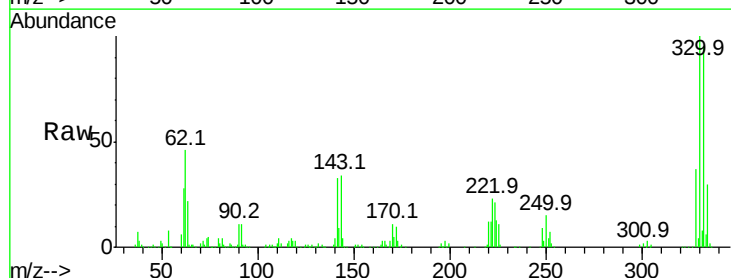


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

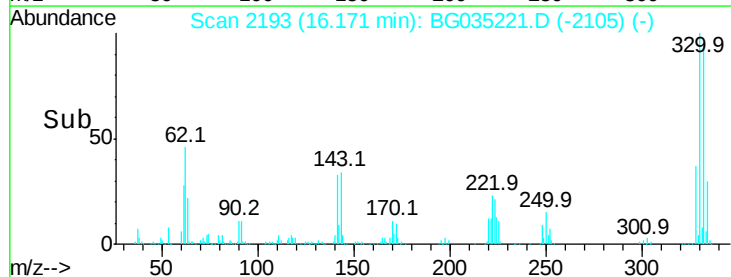
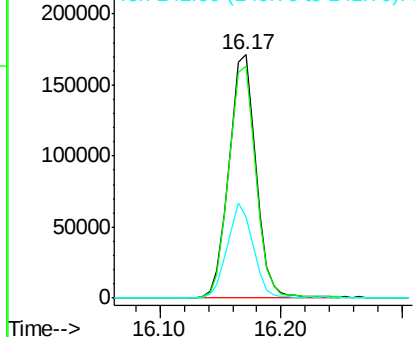


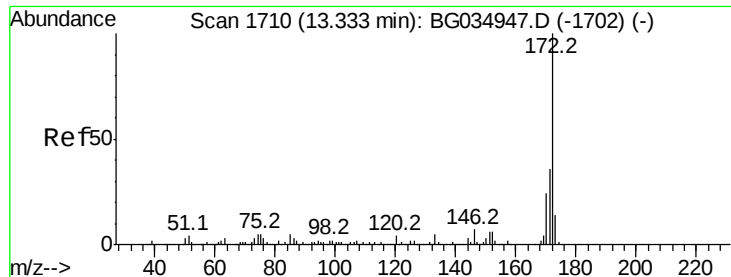
#41
2,4,6-Tribromophenol
Concen: 180.781 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035221.D
Acq: 18 Jun 2018 16:34

Tgt Ion:330 Resp: 268135
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 37.0 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

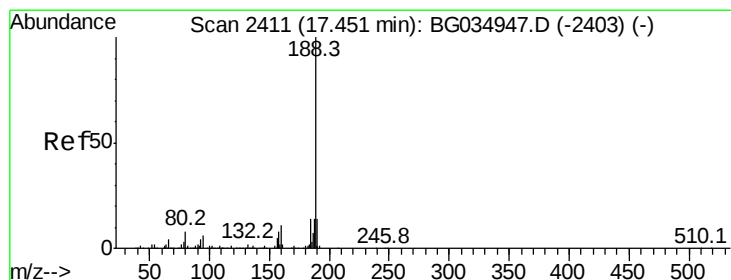
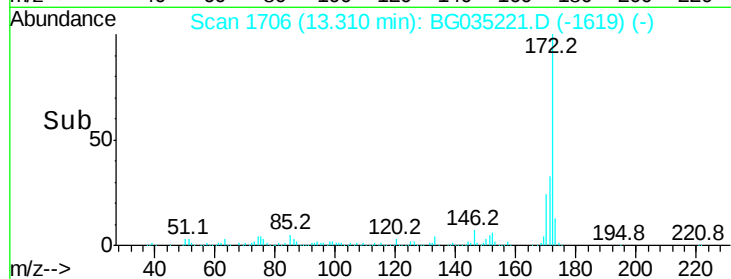
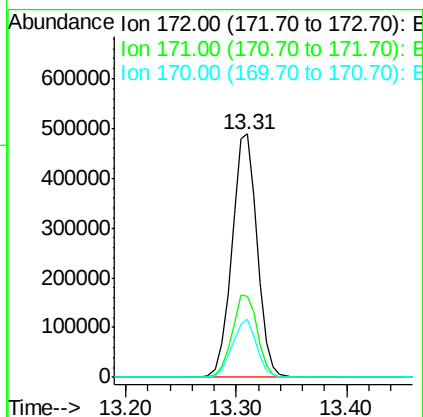
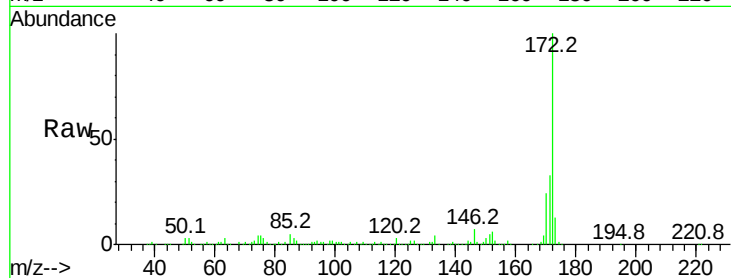




#44
 2-Fluorobiphenyl
 Concen: 87.436 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035221.D
 Acq: 18 Jun 2018 16:34

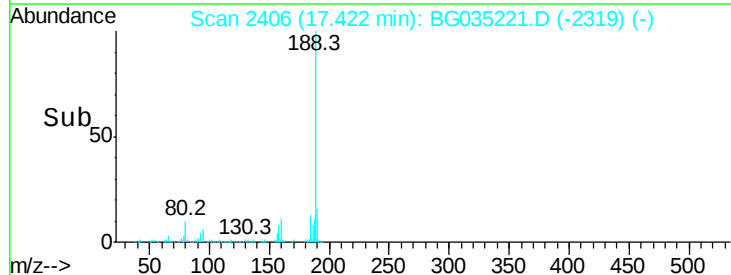
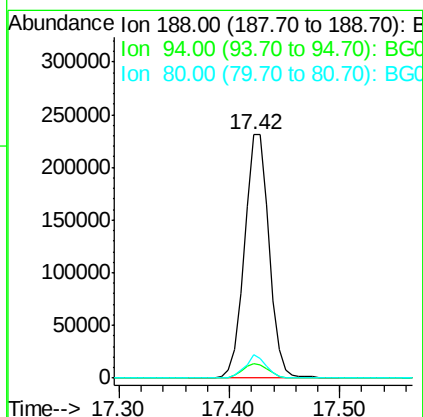
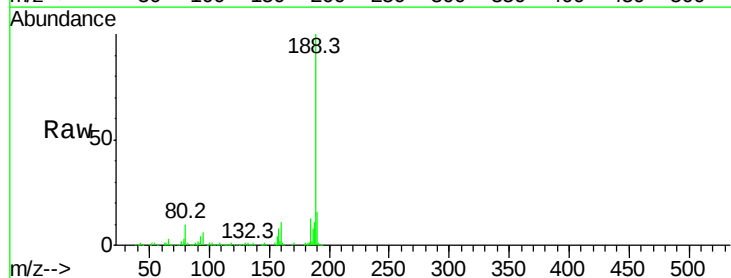
Instrument :
 BNA_G
 ClientSampleId :
 SB-41-COMP

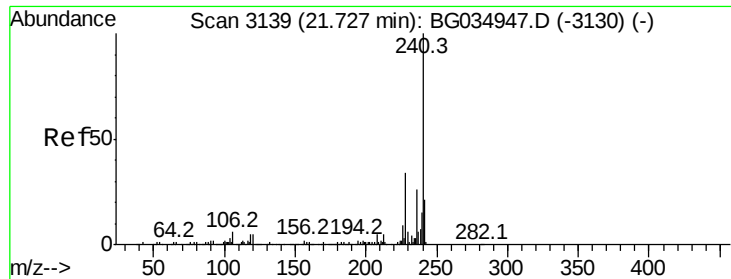
Tot Ion:172 Resp: 779285
 Ion Ratio Lower Upper
 172 100
 171 33.3 30.0 45.0
 170 23.9 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035221.D
 Acq: 18 Jun 2018 16:34

Tgt Ion:188 Resp: 360610
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 9.6 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: BG035221.D

Acq: 18 Jun 2018 16:34

Instrument :

BNA_G

ClientSampleId :

SB-41-COMP

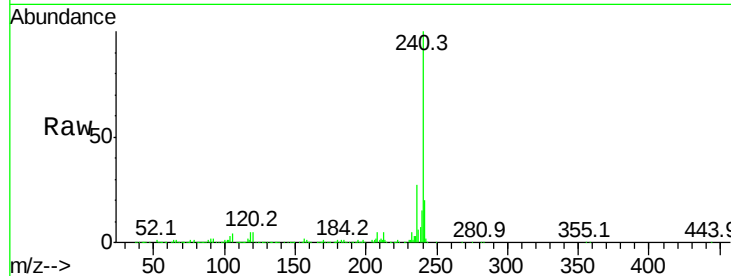
Tot Ion:240 Resp: 510908

Ion Ratio Lower Upper

240 100

120 4.9 6.8 10.2#

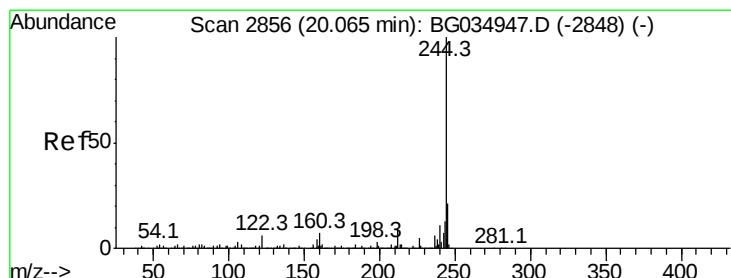
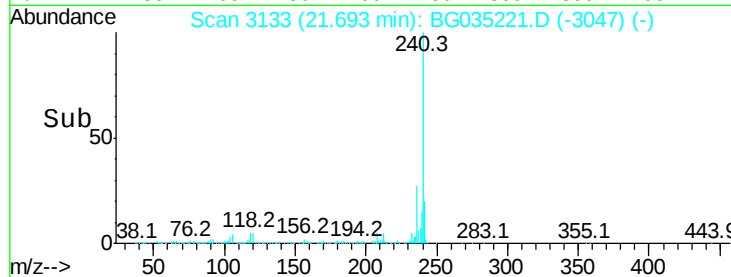
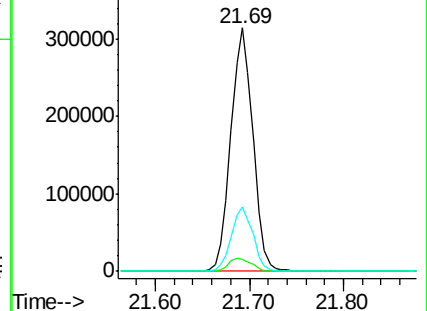
236 26.6 20.9 31.3



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: 92.356 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035221.D

Acq: 18 Jun 2018 16:34

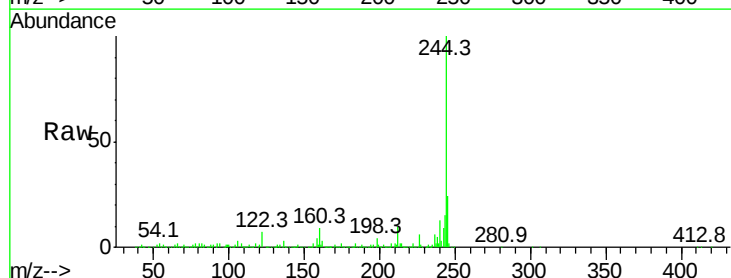
Tgt Ion:244 Resp: 2252629

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

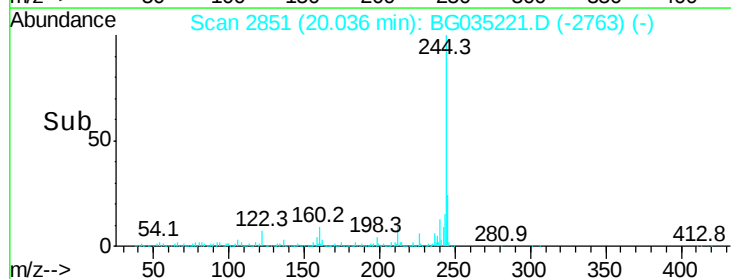
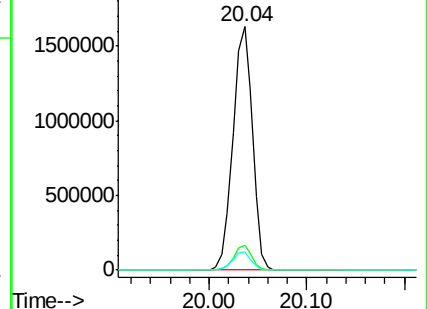
122 7.5 7.0 10.4

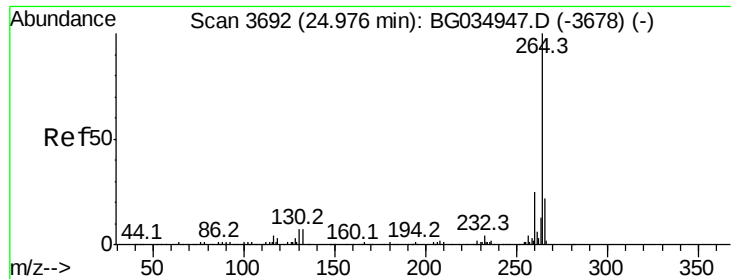


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035221.D
 Acq: 18 Jun 2018 16:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-41-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.4	17.7	26.5

