

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034977.D
 Acq On : 8 Jun 2018 7:48
 Operator : SJ/JU
 Sample : J3326-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PATH-SS7-WC1-060518

Quant Time: Jun 08 12:29:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

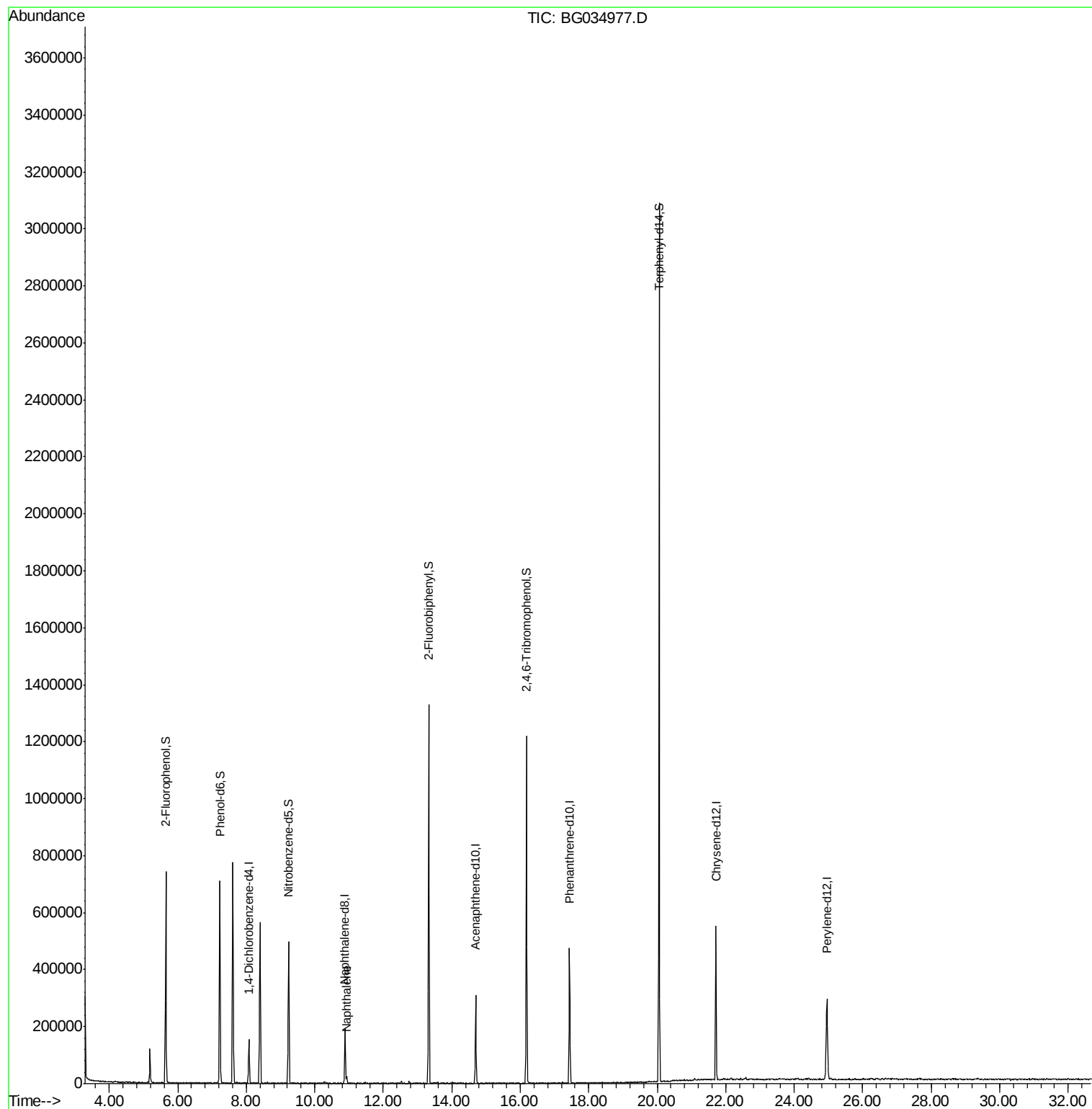
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42082	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	153511	20.00	ng	-0.01
38) Acenaphthene-d10	14.70	164	107089	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	288196	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	330333	20.00	ng	-0.02
86) Perylene-d12	24.95	264	317690	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	302666	121.38	ng	0.00
7) Phenol-d6	7.23	99	402463	109.35	ng	0.00
23) Nitrobenzene-d5	9.24	82	320508	99.24	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	206691	150.77	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	695731	84.46	ng	-0.01
78) Terphenyl-d14	20.05	244	1409425	89.37	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.93	128	19146	2.401	ng	98

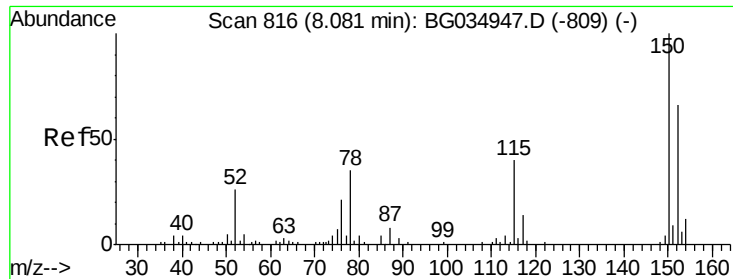
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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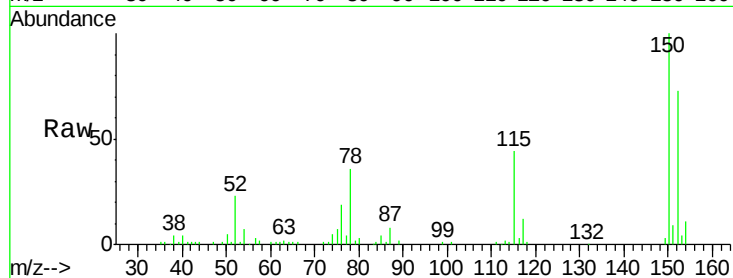


#1

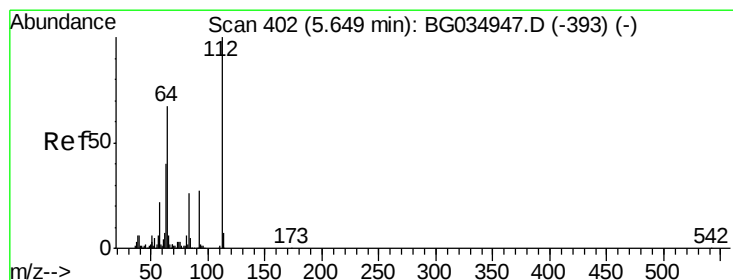
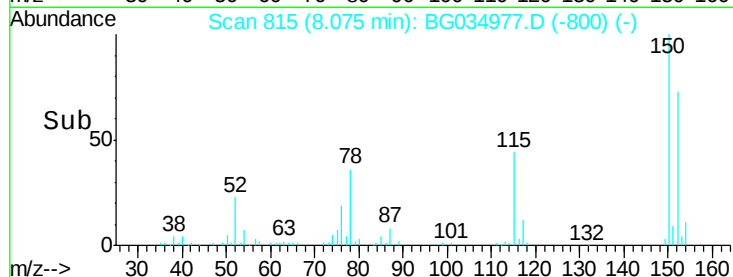
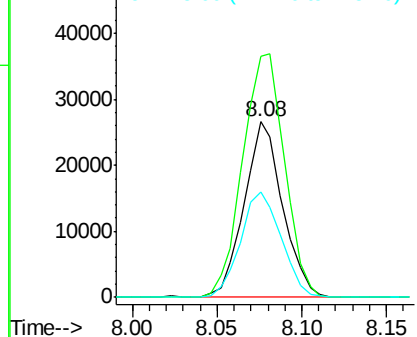
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034977.D
Acq: 8 Jun 2018 7:48

Instrument :
BNA_G
ClientSampleId :
PATH-SS7-WC1-060518

Tot Ion:152 Resp: 42082
Ion Ratio Lower Upper
152 100
150 137.8 126.6 189.8
115 60.4 53.0 79.4



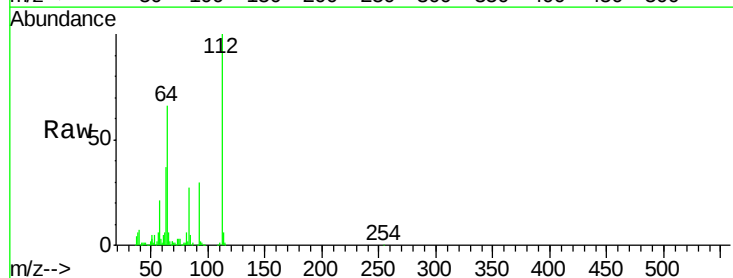
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



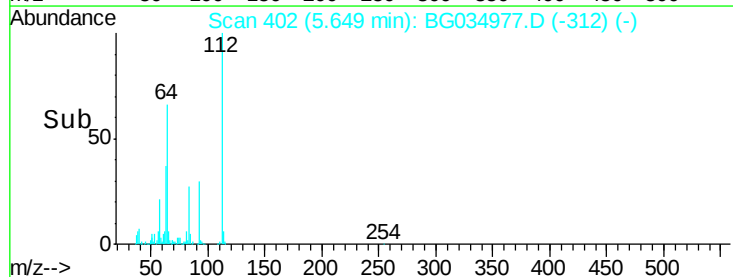
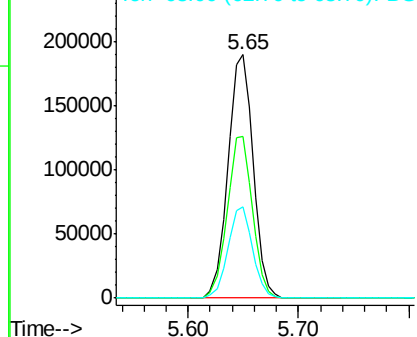
#5

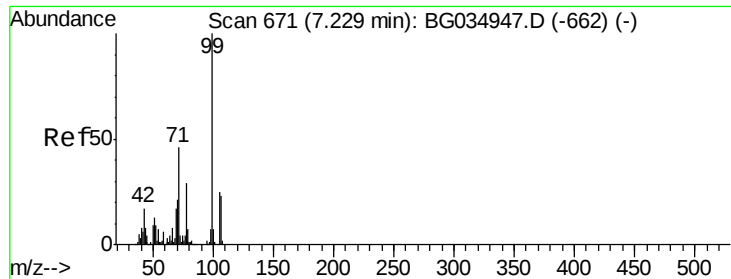
2-Fluorophenol
Concen: 121.378 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG034977.D
Acq: 8 Jun 2018 7:48

Tgt Ion:112 Resp: 302666
Ion Ratio Lower Upper
112 100
64 66.3 56.3 84.5
63 37.3 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: 109.353 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

Instrument :

BNA_G

ClientSampleId :

PATH-SS7-WC1-060518

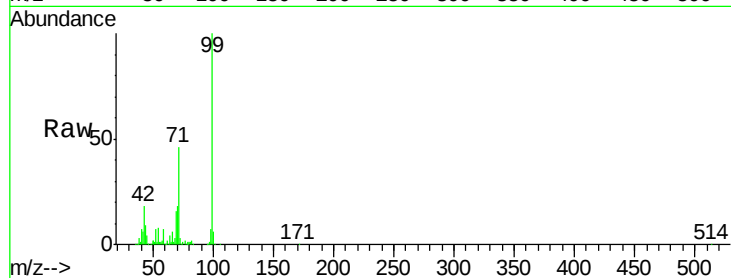
Tot Ion: 99 Resp: 402463

Ion Ratio Lower Upper

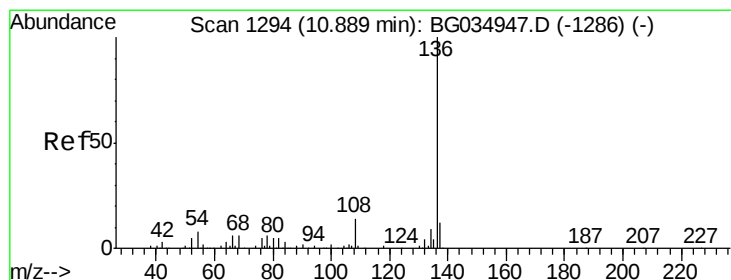
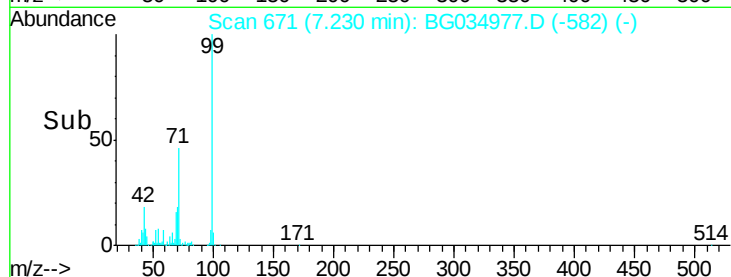
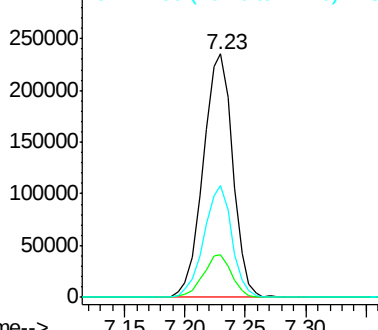
99 100

42 17.6 14.1 21.1

71 46.0 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: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

Tgt Ion: 136 Resp: 153511

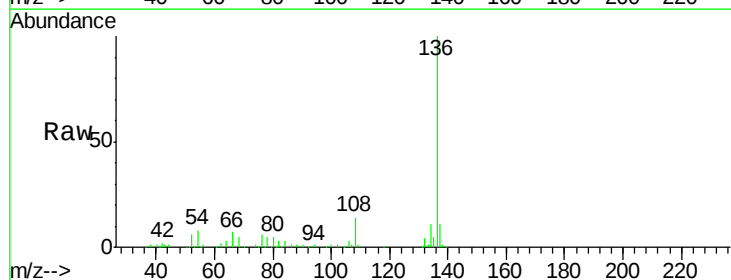
Ion Ratio Lower Upper

136 100

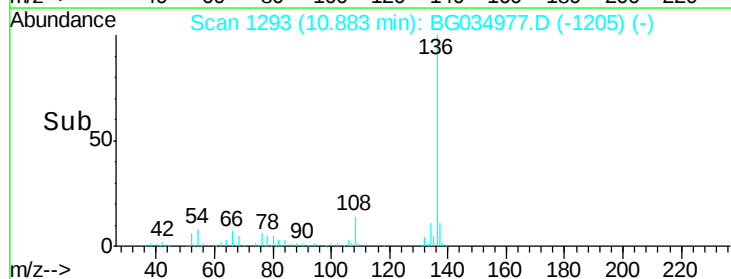
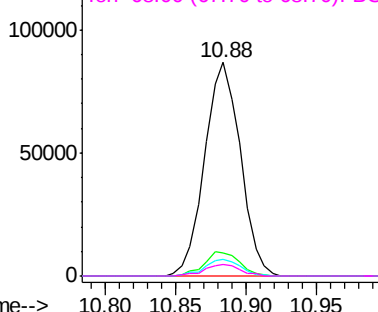
137 10.9 9.2 13.8

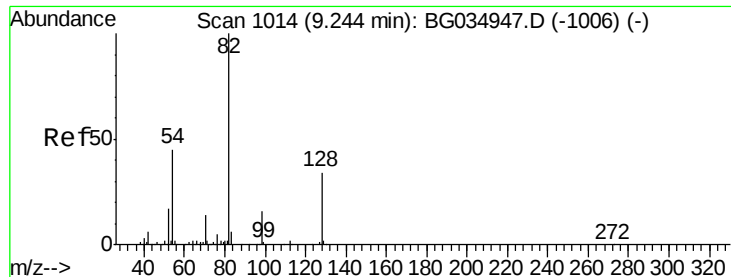
54 7.7 10.3 15.5#

68 5.3 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: 99.245 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

Instrument :

BNA_G

ClientSampleId :

PATH-SS7-WC1-060518

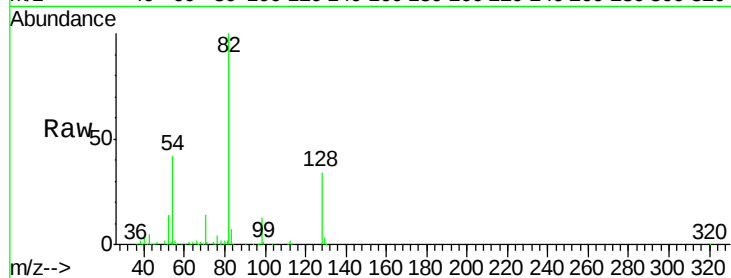
Tot Ion: 82 Resp: 320508

Ion Ratio Lower Upper

82 100

128 33.8 29.7 44.5

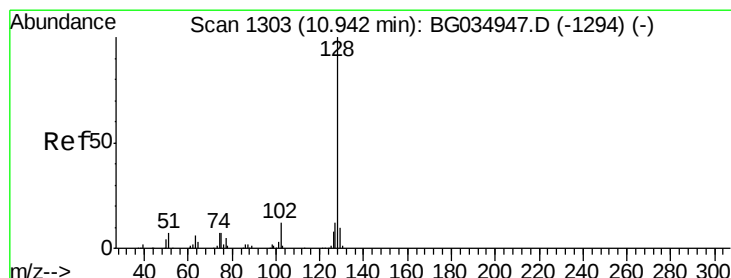
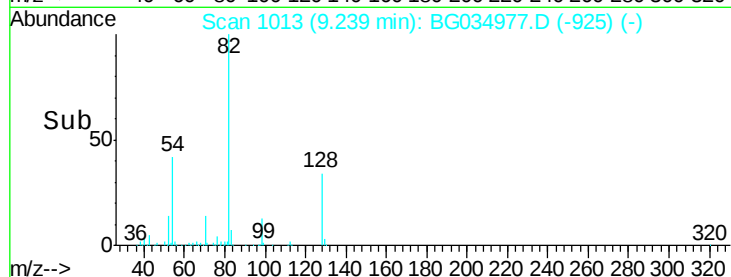
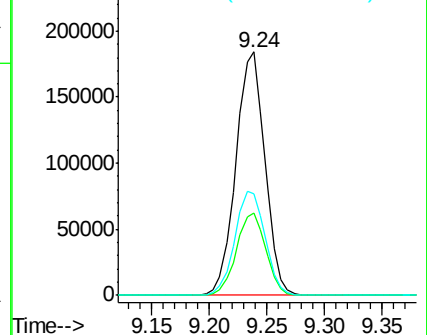
54 41.6 43.1 64.7#



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



#31

Naphthalene

Concen: 2.401 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

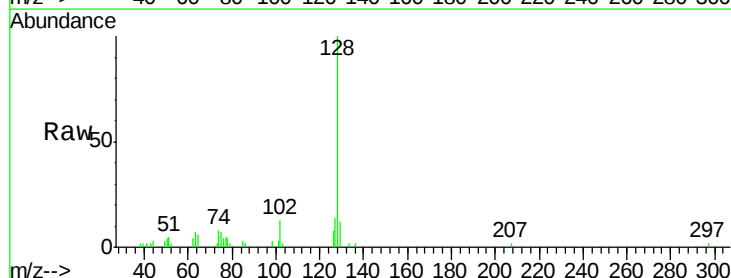
Tgt Ion: 128 Resp: 19146

Ion Ratio Lower Upper

128 100

129 12.0 8.6 12.8

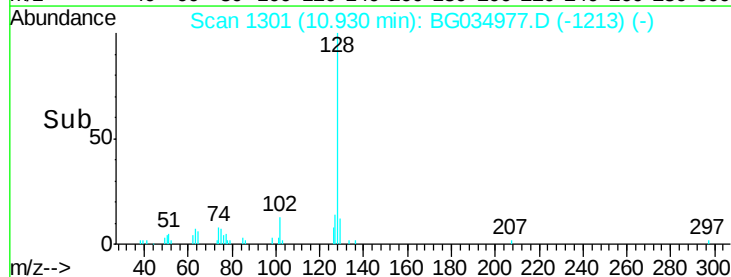
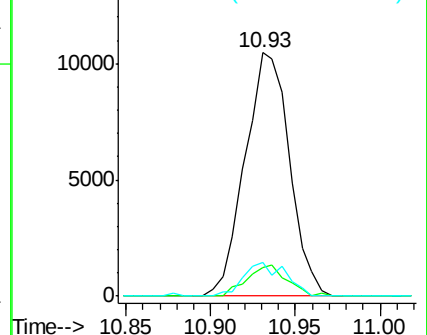
127 14.0 11.6 17.4

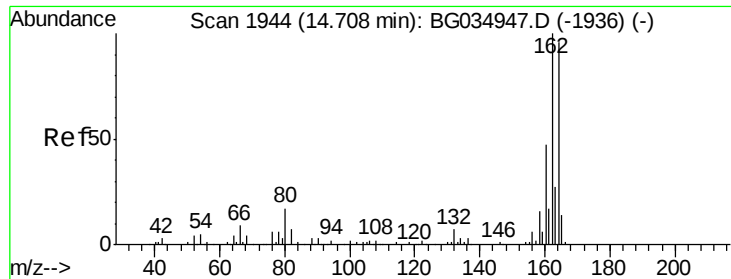


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

Instrument :

BNA_G

ClientSampleId :

PATH-SS7-WC1-060518

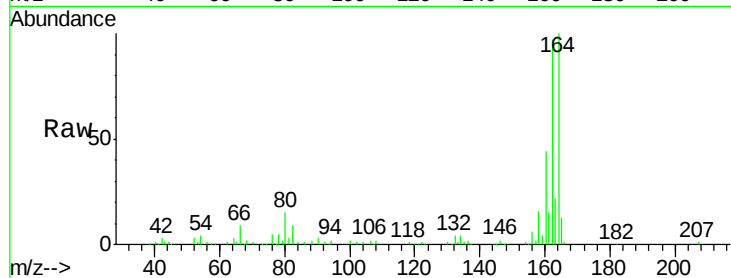
Tot Ion:164 Resp: 107089

Ion Ratio Lower Upper

164 100

162 97.0 78.8 118.2

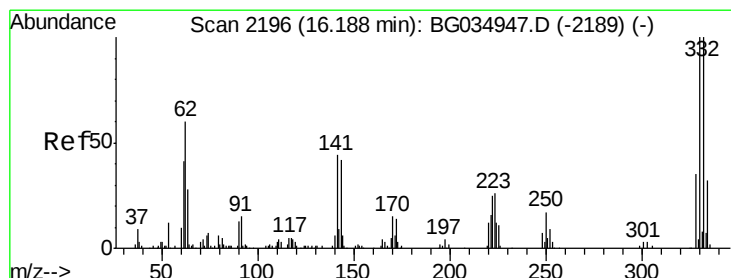
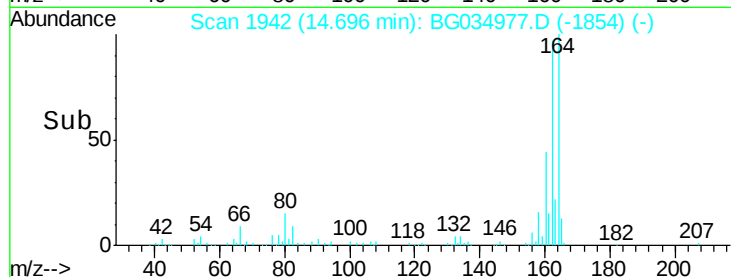
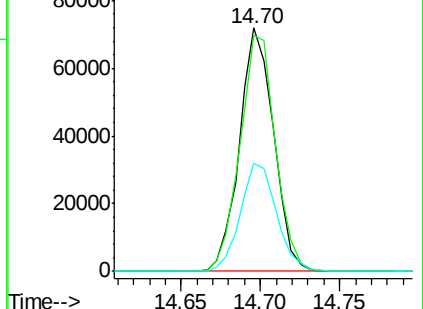
160 44.1 35.4 53.0



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: 150.773 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

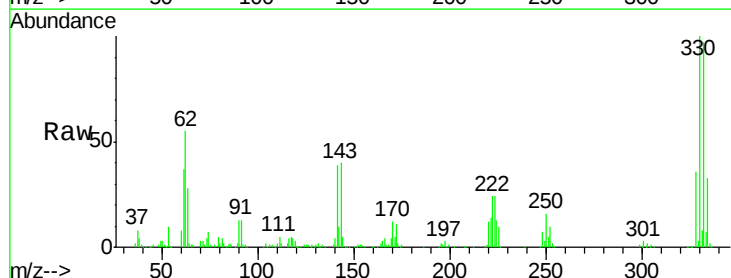
Tgt Ion:330 Resp: 206691

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

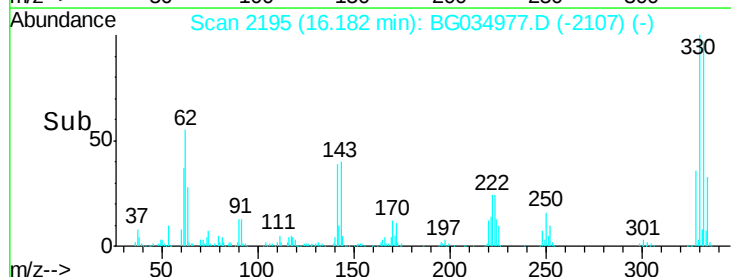
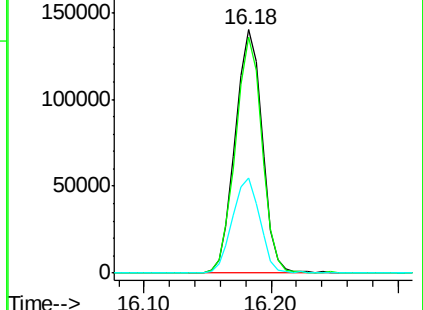
141 39.9 25.2 37.8#

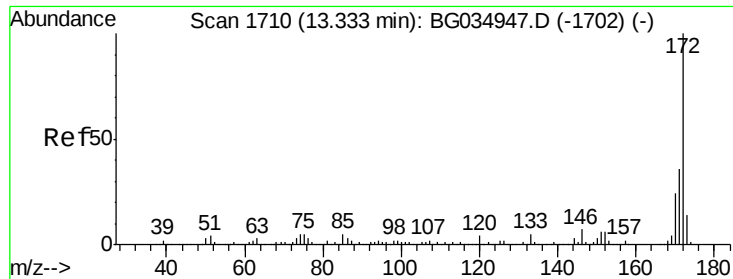


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

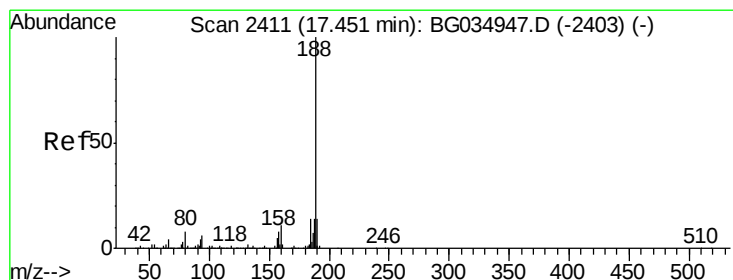
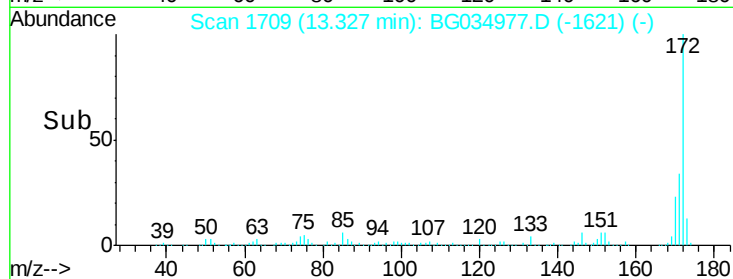
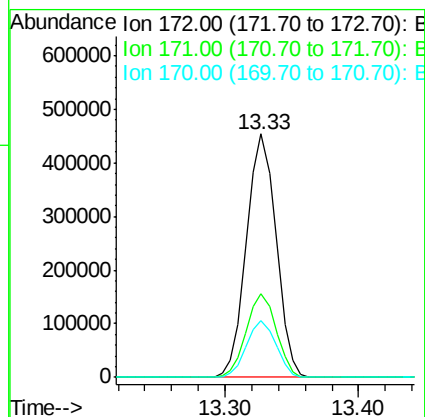
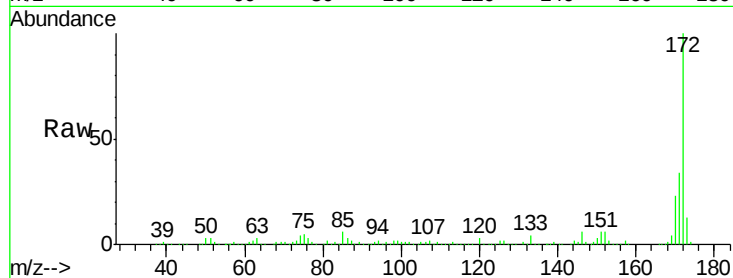




#44
 2-Fluorobiphenyl
 Concen: 84.458 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034977.D
 Acq: 8 Jun 2018 7:48

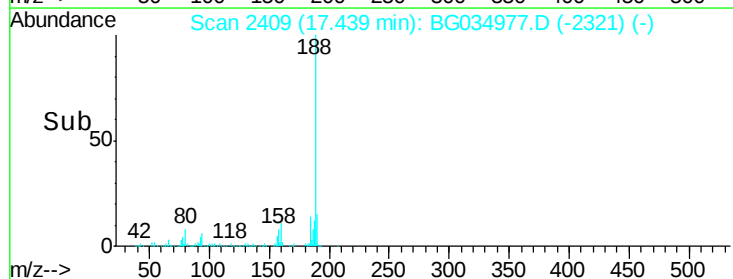
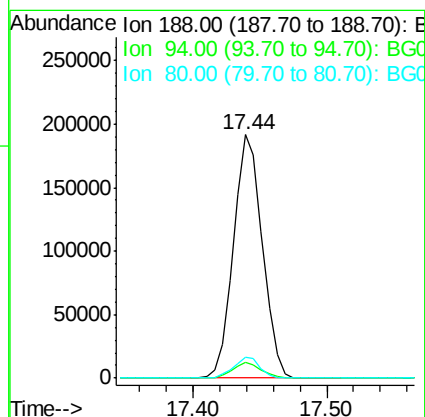
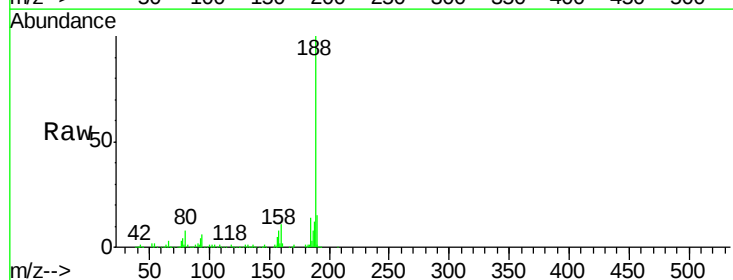
Instrument :
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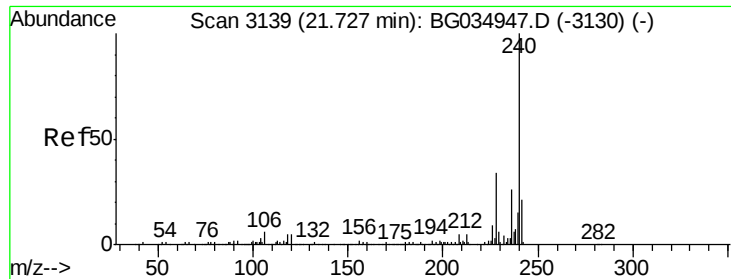
Tot Ion:172 Resp: 695731
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 23.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG034977.D
 Acq: 8 Jun 2018 7:48

Tgt Ion:188 Resp: 288196
 Ion Ratio Lower Upper
 188 100
 94 6.2 6.9 10.3#
 80 8.4 7.7 11.5





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

Instrument :

BNA_G

ClientSampleId :

PATH-SS7-WC1-060518

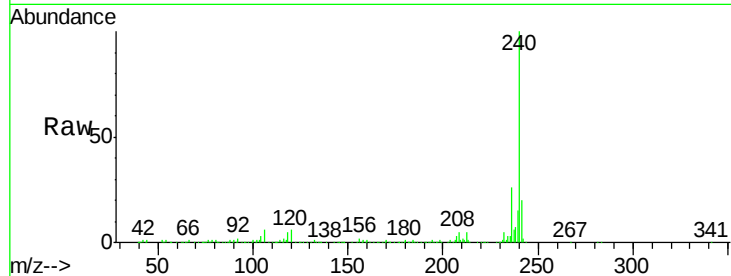
Tot Ion:240 Resp: 330333

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

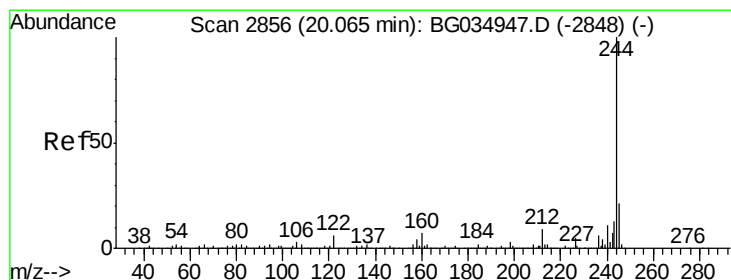
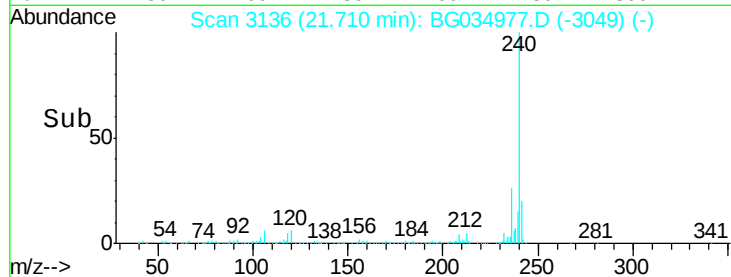
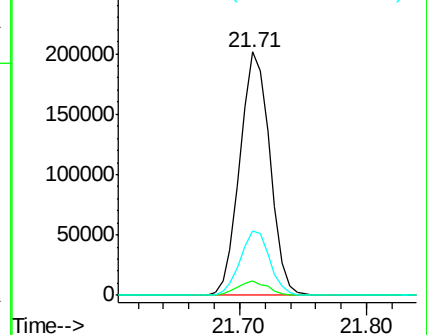
236 26.4 20.9 31.3



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: 89.373 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034977.D

Acq: 8 Jun 2018 7:48

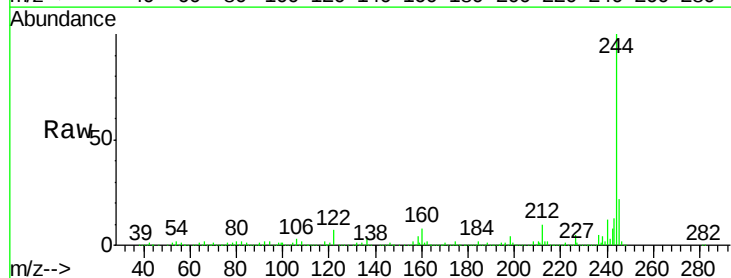
Tgt Ion:244 Resp: 1409425

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

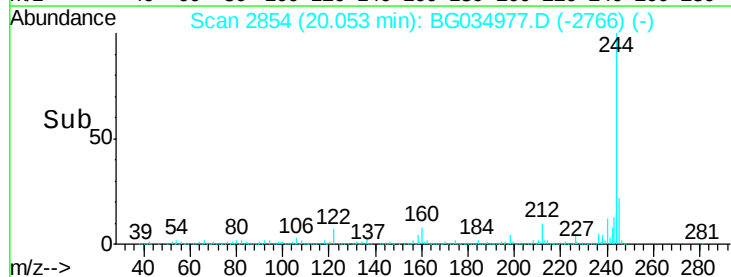
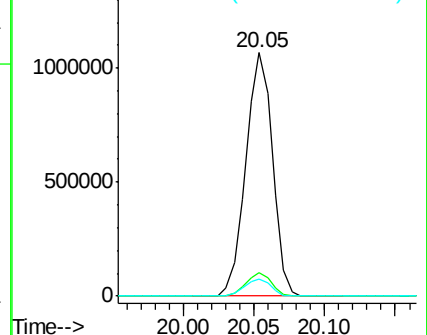
122 6.9 7.0 10.4#

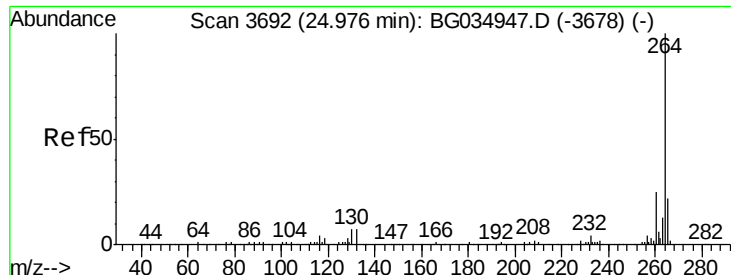


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.95 min Scan# 3688
Delta R.T. -0.03 min
Lab File: BG034977.D
Acq: 8 Jun 2018 7:48

Instrument :
BNA_G
ClientSampleId :
PATH-SS7-WC1-060518

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

