

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010318\
 Data File : BG031912.D
 Acq On : 4 Jan 2018 5:07
 Operator : SJ/JU
 Sample : J1022-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-010218

Quant Time: Jan 04 08:33:19 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

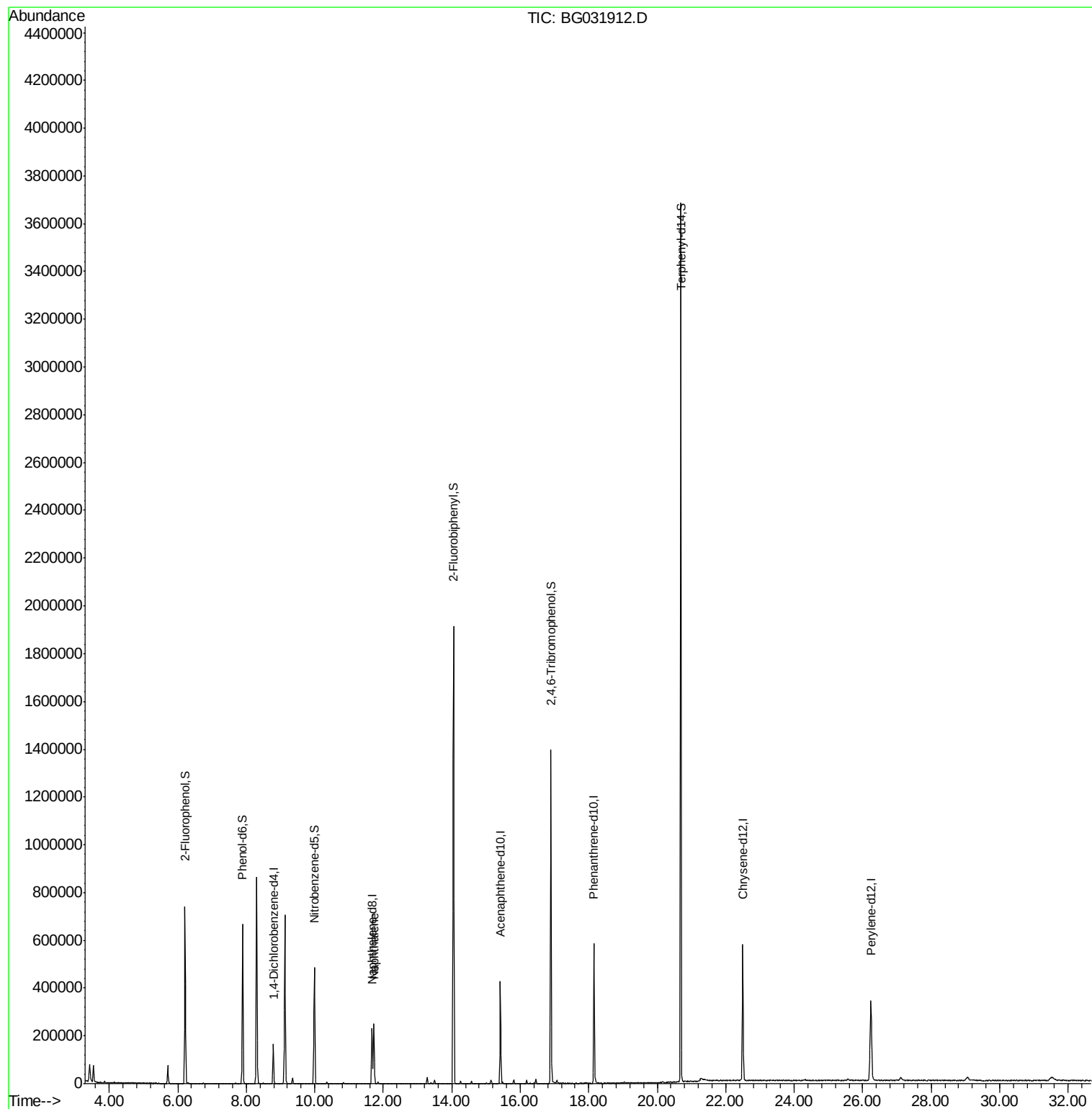
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	55455	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	234963	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	160002	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	401606	20.00	ng	0.00
75) Chrysene-d12	22.49	240	447437	20.00	ng	-0.01
86) Perylene-d12	26.24	264	466502	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	400613	131.58	ng	0.00
7) Phenol-d6	7.89	99	472539	119.54	ng	0.00
23) Nitrobenzene-d5	9.99	82	328168	105.47	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	342195	140.16	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1176532	92.29	ng	0.00
78) Terphenyl-d14	20.68	244	1938321	98.97	ng	0.00
Target Compounds						
31) Naphthalene	11.72	128	248716	20.974	ng	Qvalue 99

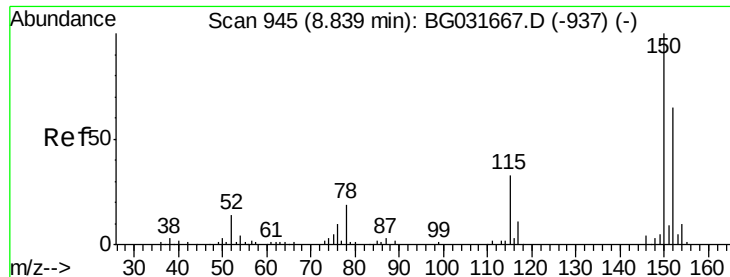
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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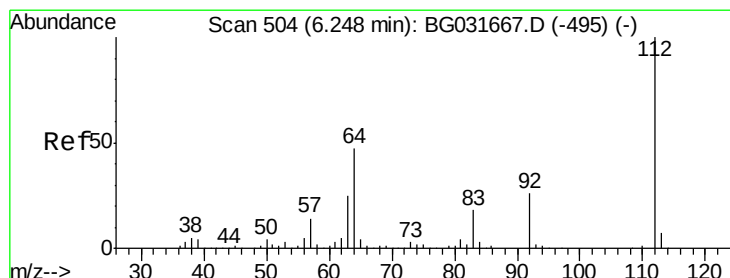
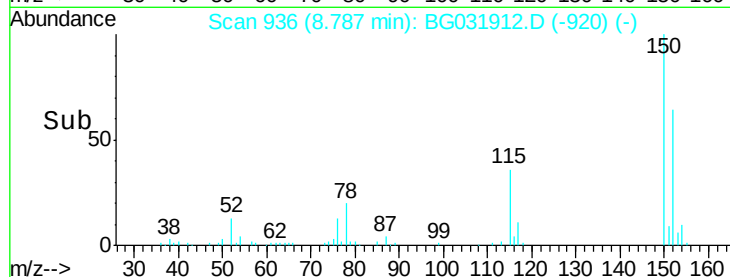
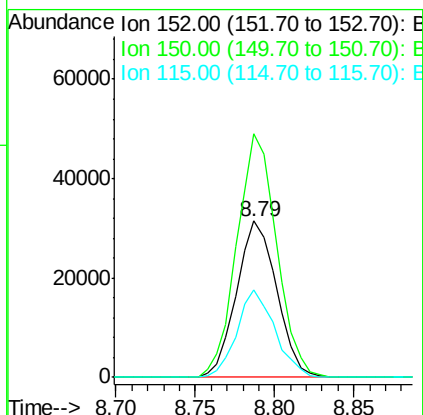
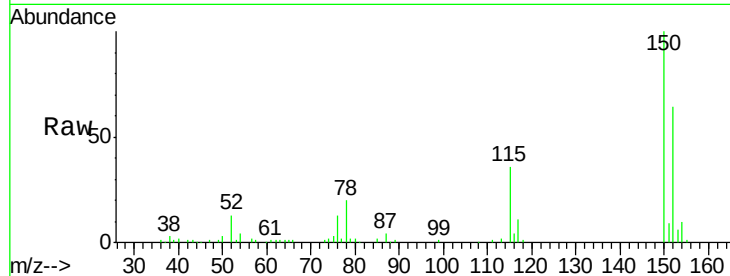




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

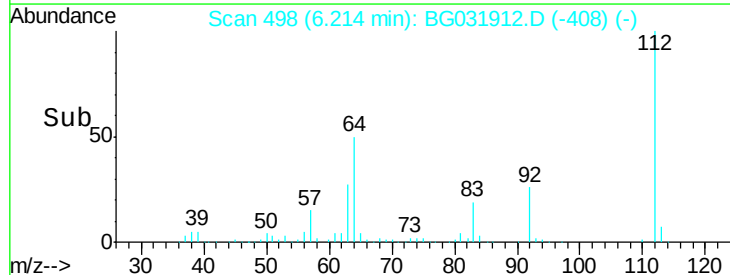
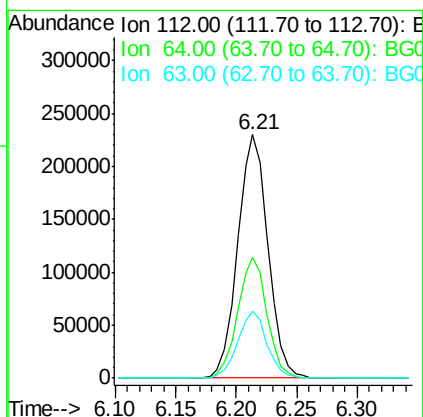
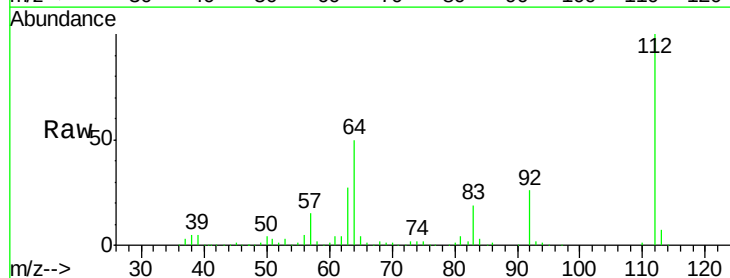
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-010218

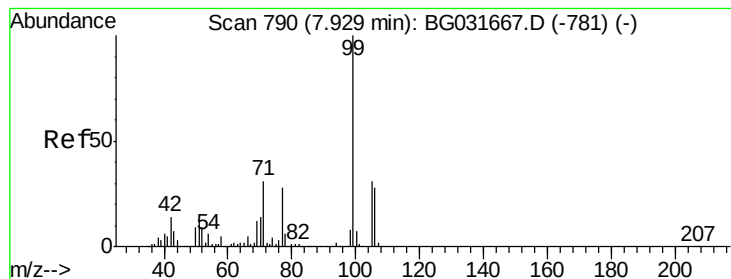
Tgt Ion:152 Resp: 55455
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.6 189.8
 115 56.0 53.0 79.4



#5
 2-Fluorophenol
 Concen: 131.579 ng
 RT: 6.21 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Tgt Ion:112 Resp: 400613
 Ion Ratio Lower Upper
 112 100
 64 49.7 56.3 84.5#
 63 27.4 30.1 45.1#





#7

Phenol-d6

Concen: 119.540 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

Instrument :

BNA_G

ClientSampleId :

SU-03-010218

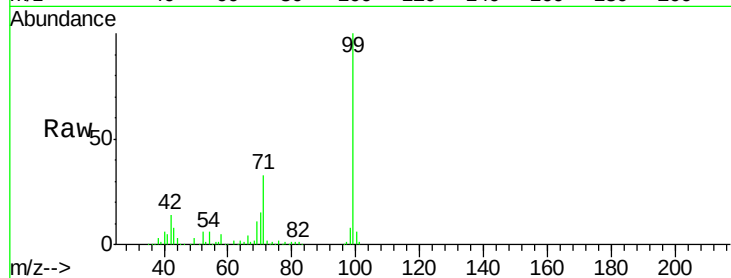
Tgt Ion: 99 Resp: 472539

Ion Ratio Lower Upper

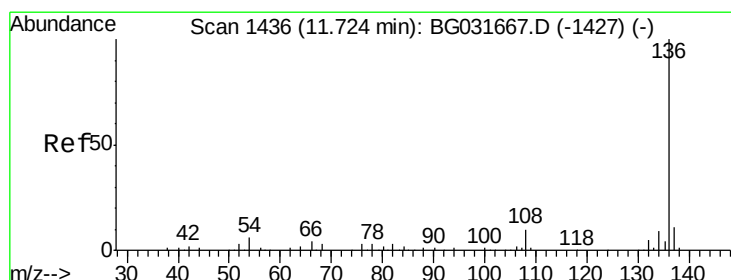
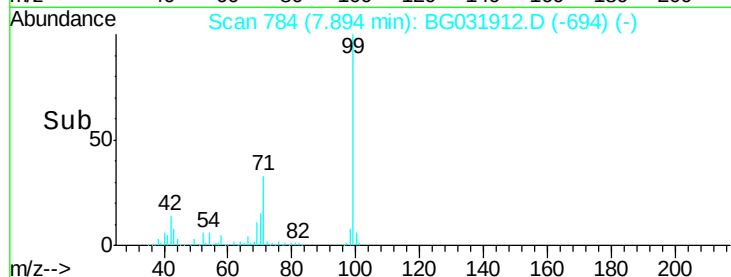
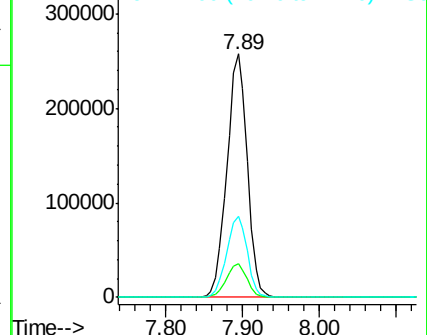
99 100

42 14.0 14.1 21.1#

71 33.5 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: 11.67 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

Tgt Ion: 136 Resp: 234963

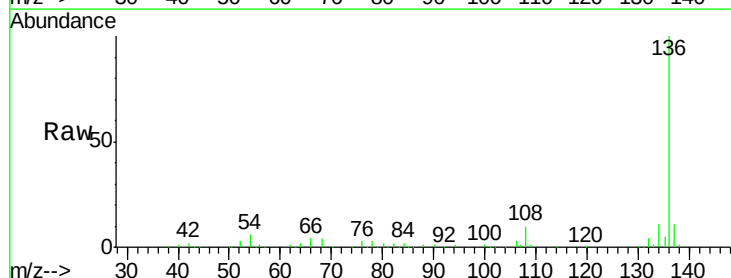
Ion Ratio Lower Upper

136 100

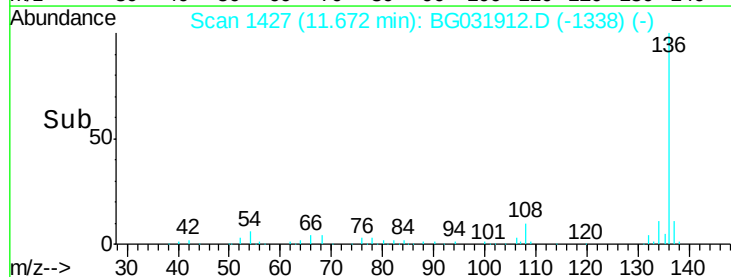
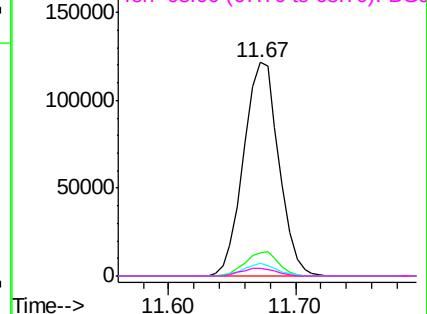
137 10.6 9.2 13.8

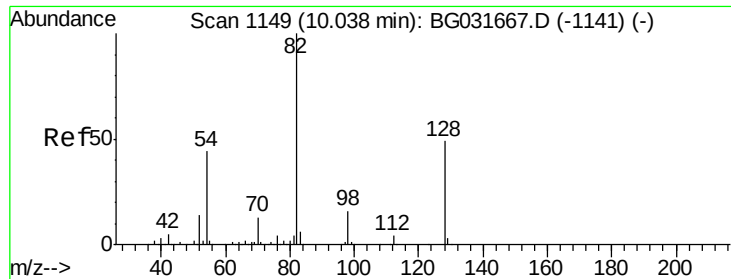
54 5.8 10.3 15.5#

68 3.9 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

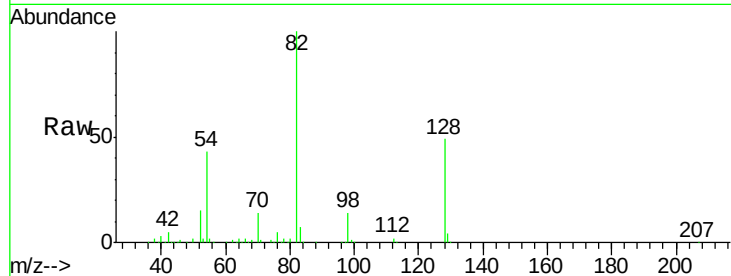




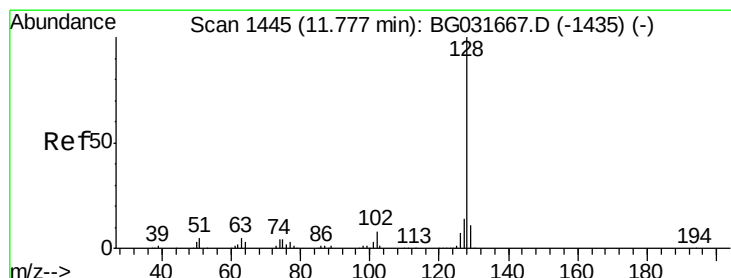
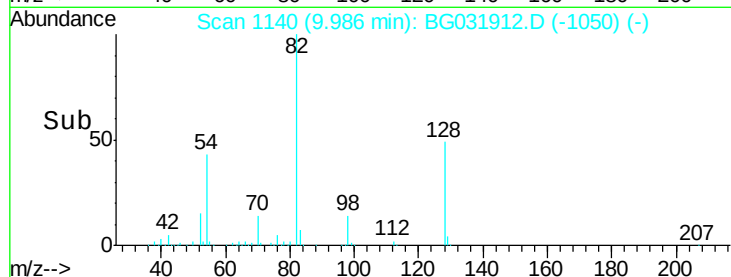
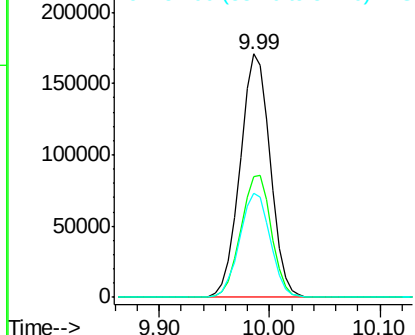
#23
 Nitrobenzene-d5
 Concen: 105.466 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-010218

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.5	29.7	44.5#
54	42.9	43.1	64.7#

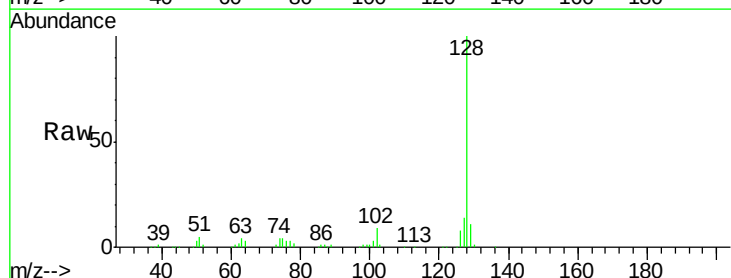


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

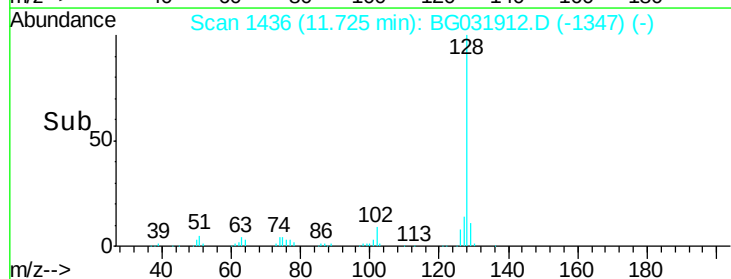
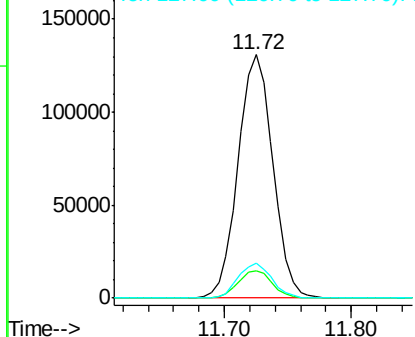


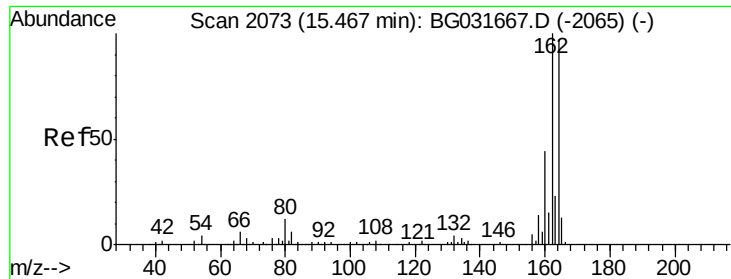
#31
 Naphthalene
 Concen: 20.974 ng
 RT: 11.72 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.3	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: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

Instrument :

BNA_G

ClientSampleId :

SU-03-010218

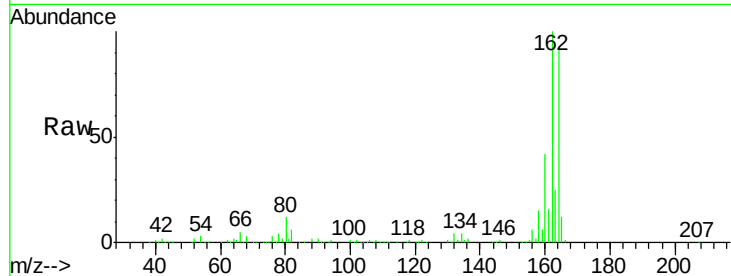
Tgt Ion:164 Resp: 160002

Ion Ratio Lower Upper

164 100

162 108.6 78.8 118.2

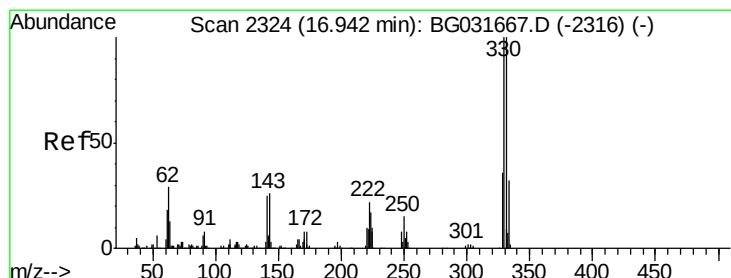
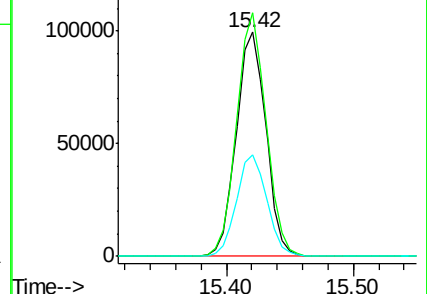
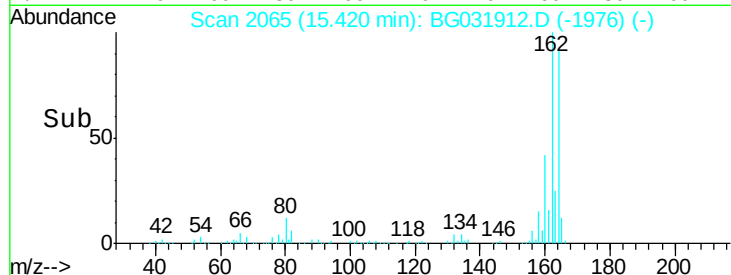
160 45.4 35.4 53.0



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: 140.163 ng

RT: 16.90 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BG031912.D

Acq: 4 Jan 2018 5:07

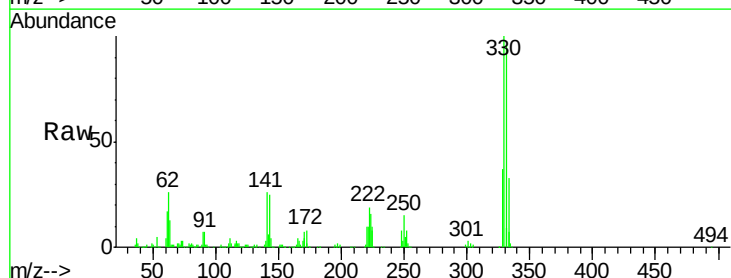
Tgt Ion:330 Resp: 342195

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

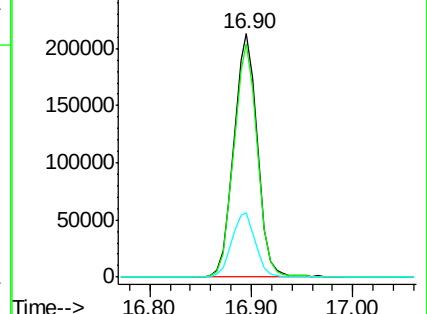
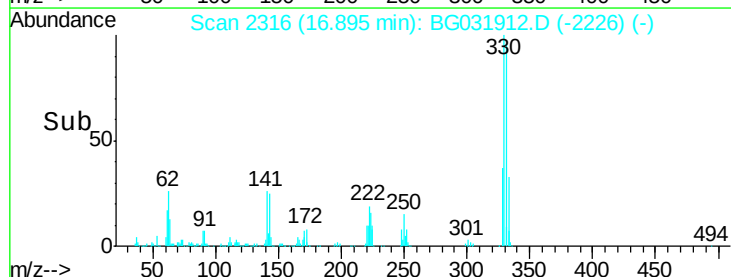
141 26.6 25.2 37.8

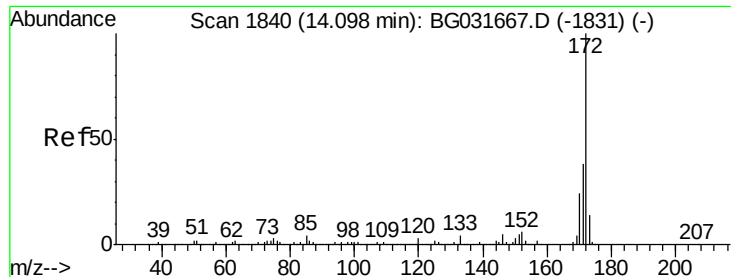


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

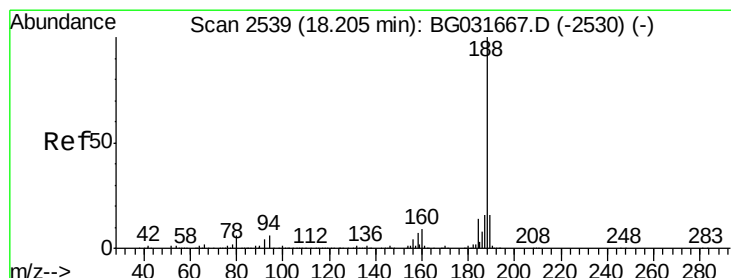
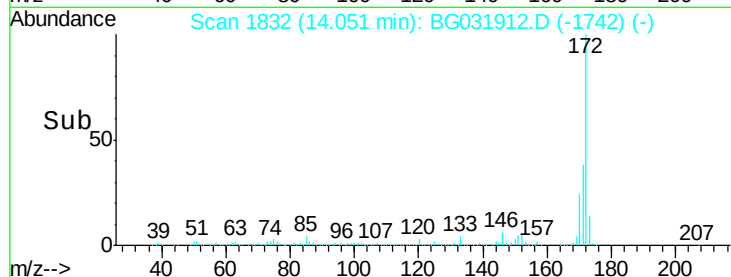
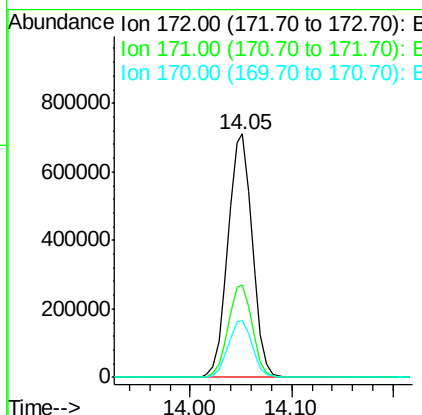
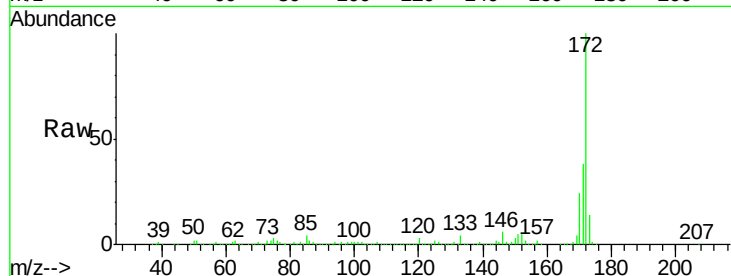




#44
 2-Fluorobiphenyl
 Concen: 92.293 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

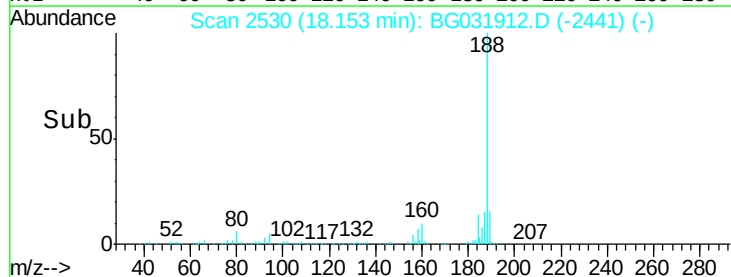
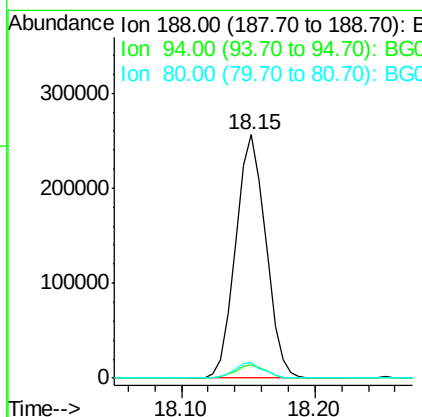
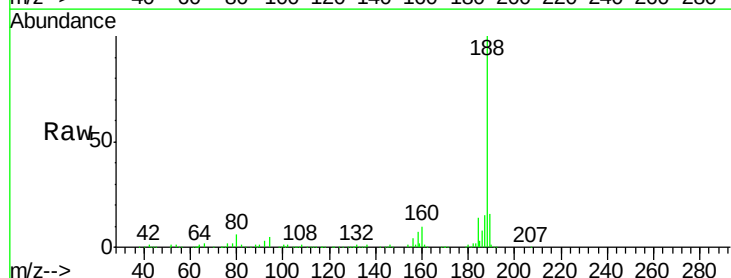
Instrument :
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 SU-03-010218

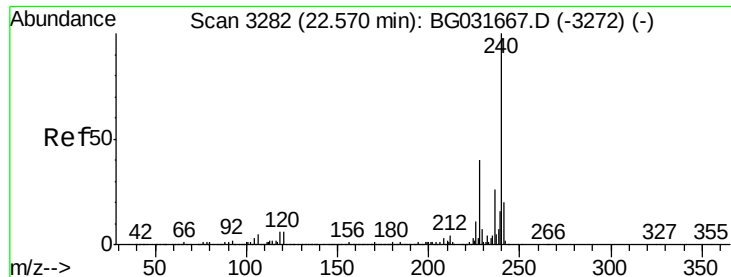
Tgt Ion:172 Resp: 1176532
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 23.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Tgt Ion:188 Resp: 401606
 Ion Ratio Lower Upper
 188 100
 94 5.3 6.9 10.3#
 80 6.3 7.7 11.5#

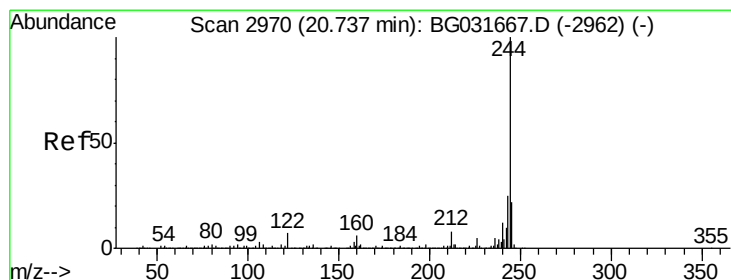
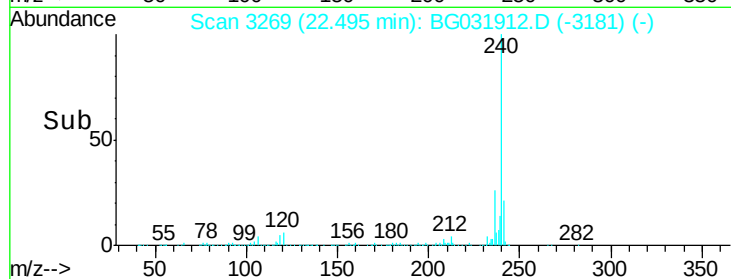
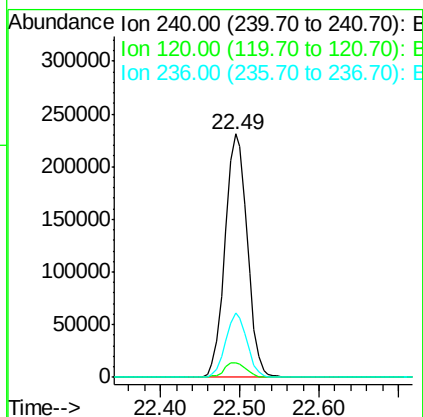
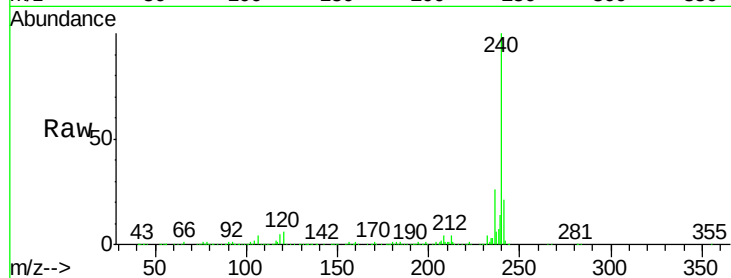




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3269
 Delta R.T. -0.01 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

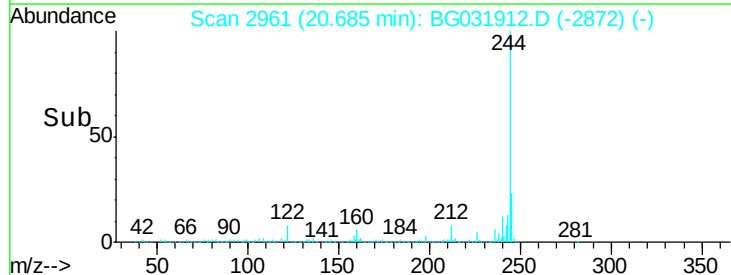
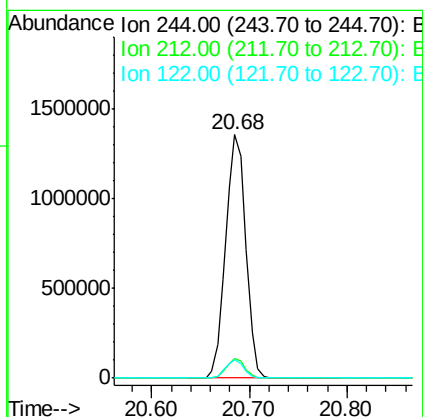
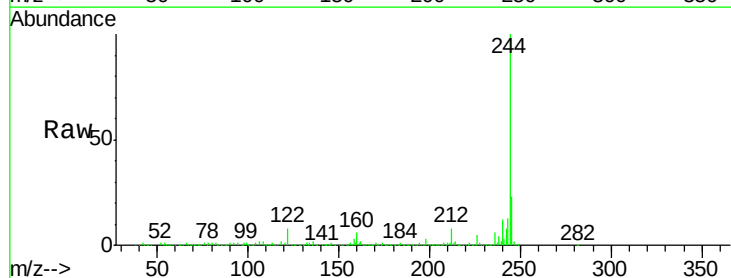
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 ClientSampleId :
 SU-03-010218

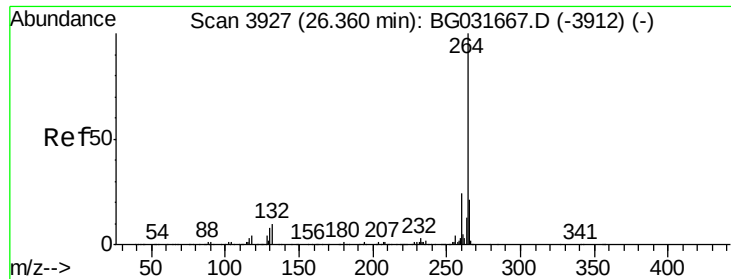
Tgt Ion:240 Resp: 447437
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.8 10.2#
 236 26.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 98.972 ng
 RT: 20.68 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BG031912.D
 Acq: 4 Jan 2018 5:07

Tgt Ion:244 Resp: 1938321
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 7.6 7.0 10.4



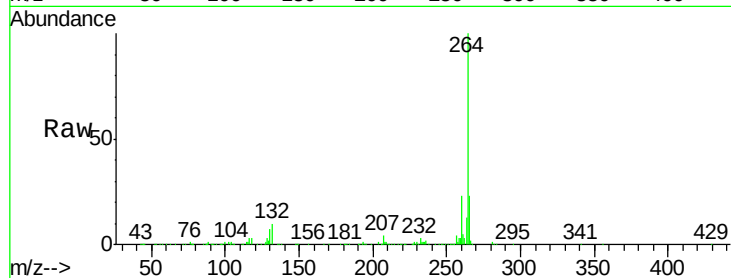


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.24 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BG031912.D
Acq: 4 Jan 2018 5:07

Instrument :
BNA_G
ClientSampleId :
SU-03-010218

Tgt Ion: 264 Resp: 466502

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	22.8	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

