

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023313.D
 Acq On : 28 Jul 2016 19:06
 Operator : UM/SJ
 Sample : H4205-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-41-7.8-15.0

Quant Time: Jul 29 01:27:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

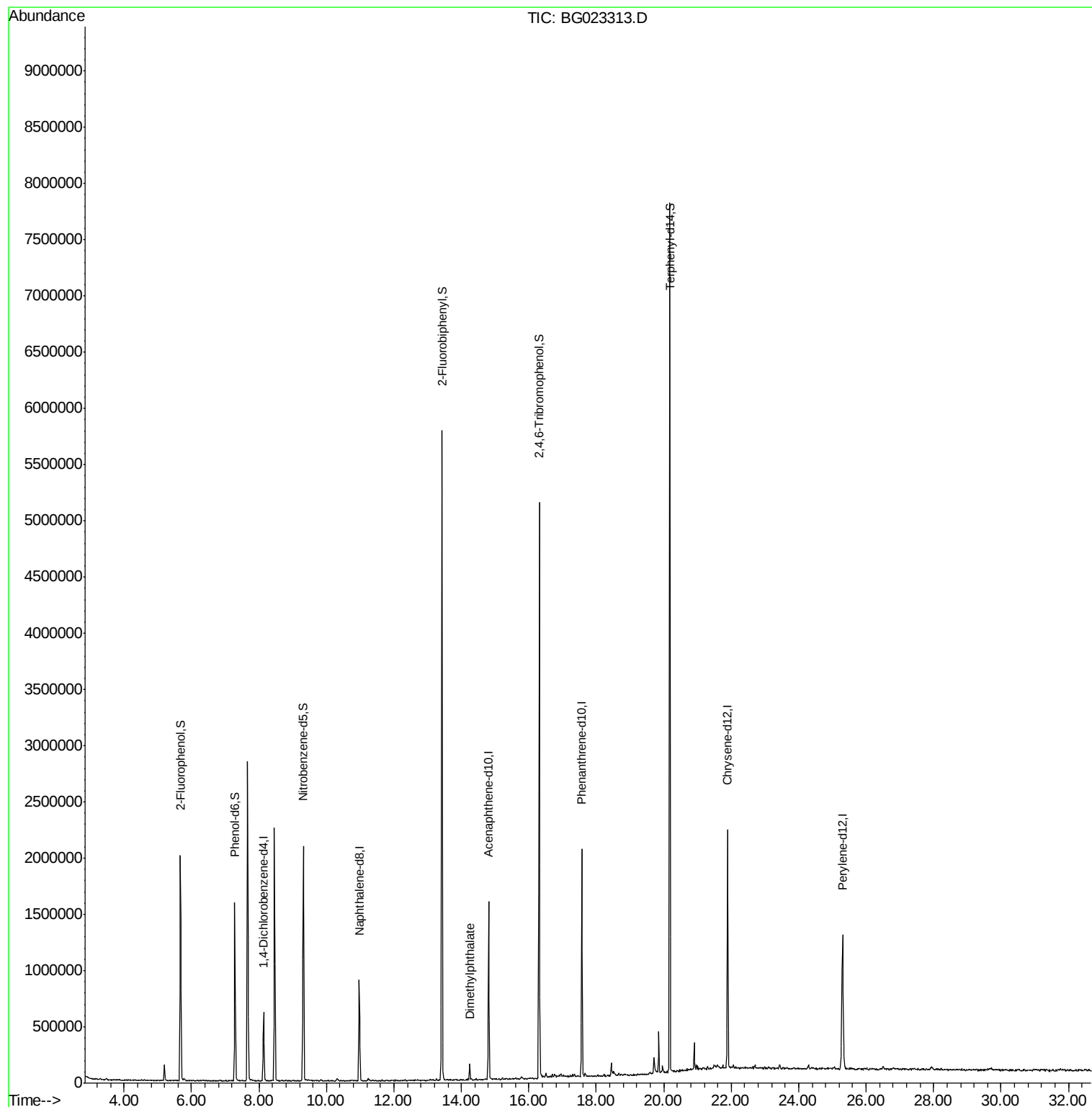
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	170393	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	759031	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	528774	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1229265	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1238770	20.00	ng	0.00
86) Perylene-d12	25.30	264	1259132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	882635	88.43	ng	0.00
7) Phenol-d6	7.28	99	999248	65.21	ng	0.00
23) Nitrobenzene-d5	9.32	82	1357777	87.48	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	888795	162.40	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2739526	96.97	ng	0.00
78) Terphenyl-d14	20.18	244	2900772	76.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	94798	2.43	ng	Qvalue # 95

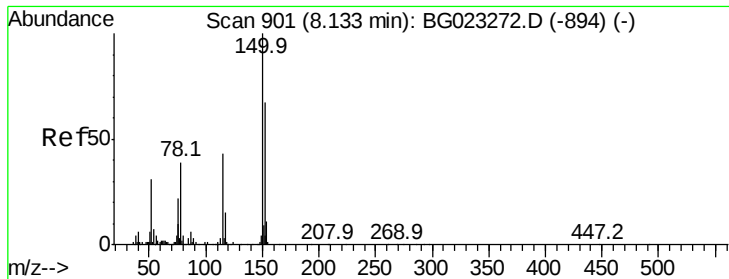
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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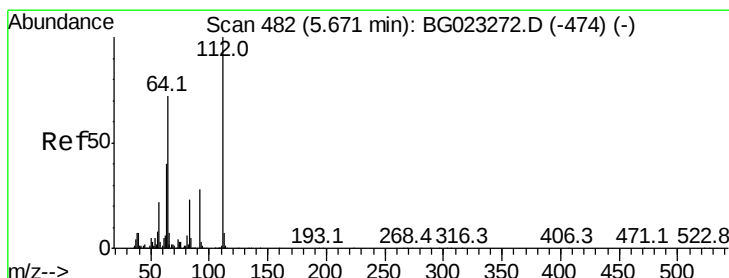
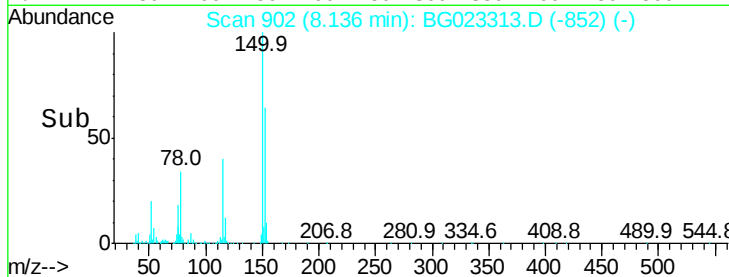
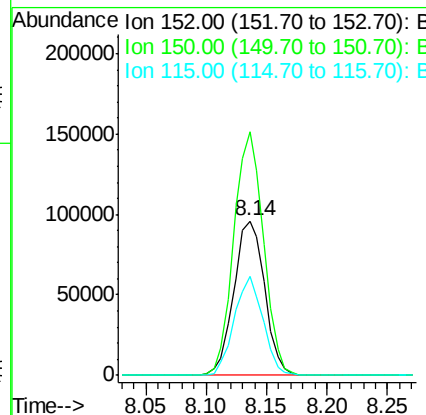
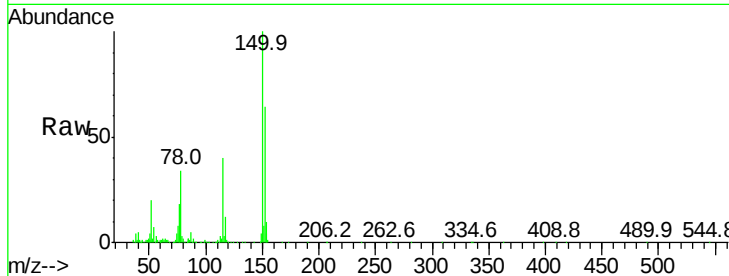


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

Instrument :
BNA_G
ClientSampleId :
GW-41-7.8-15.0

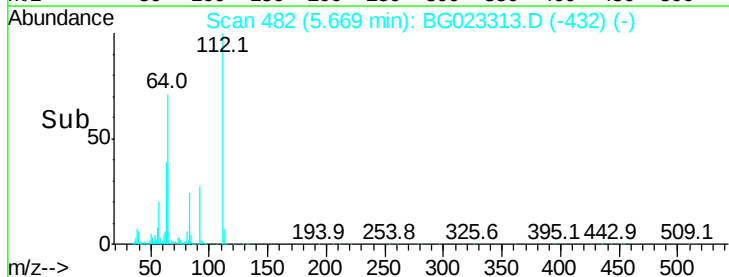
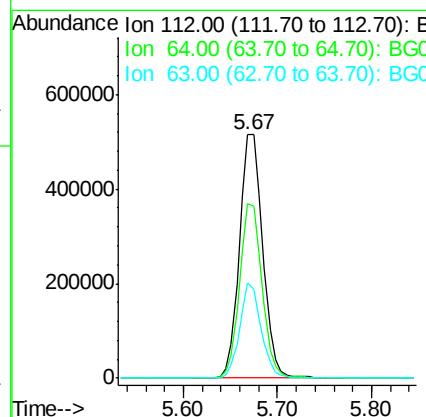
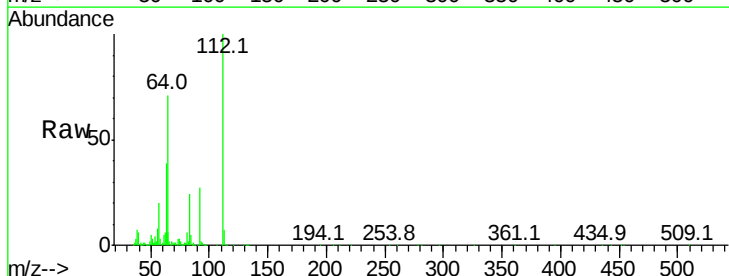
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	144.7	217.1
115	63.7	64.0	96.0#

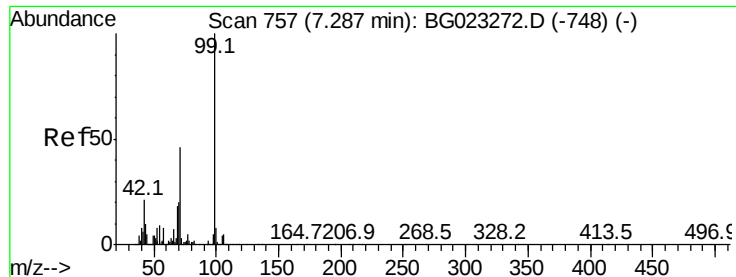


#5

2-Fluorophenol
Concen: 88.43 ng
RT: 5.67 min Scan# 482
Delta R.T. -0.00 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.4	59.0	88.4
63	39.2	37.8	56.8





#7

Phenol-d6

Concen: 65.21 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Instrument :

BNA_G

ClientSampleId :

GW-41-7.8-15.0

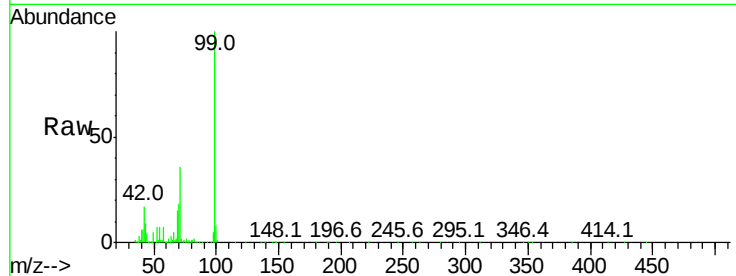
Tot Ion: 99 Resp: 999248

Ion Ratio Lower Upper

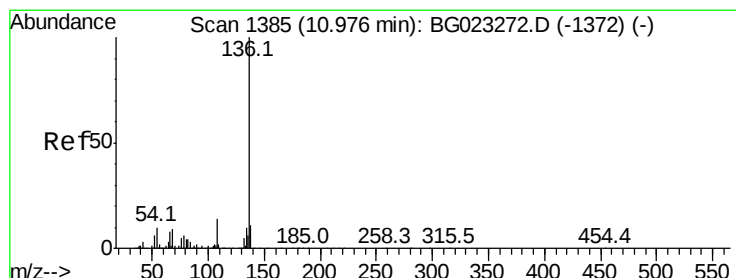
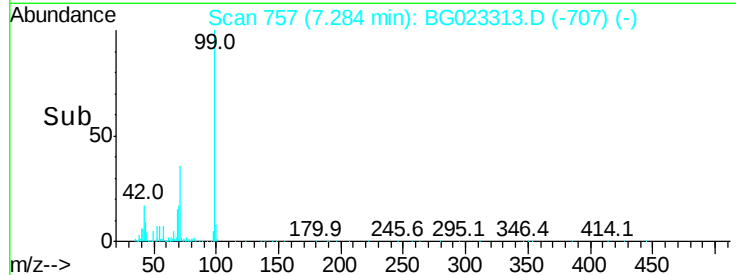
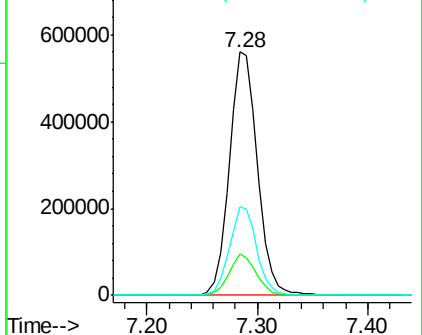
99 100

42 17.1 17.8 26.6#

71 36.4 41.5 62.3#



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: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Tgt Ion: 136 Resp: 759031

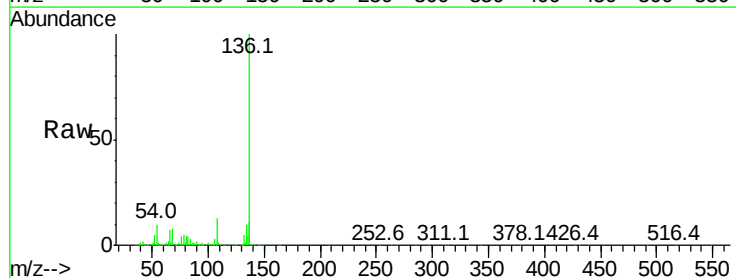
Ion Ratio Lower Upper

136 100

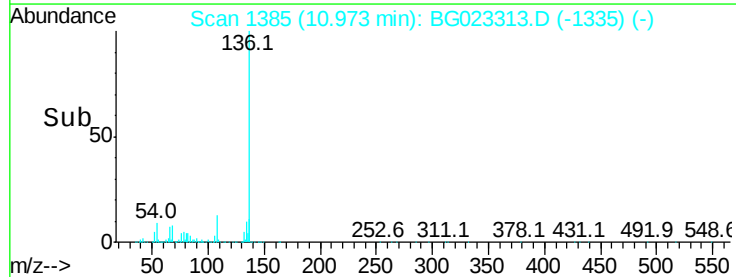
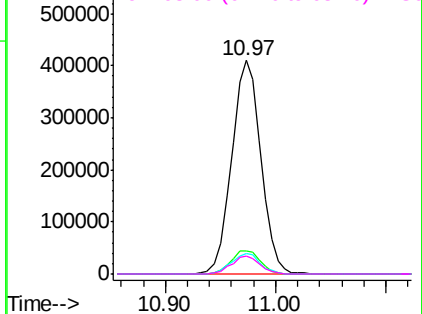
137 10.5 9.6 14.4

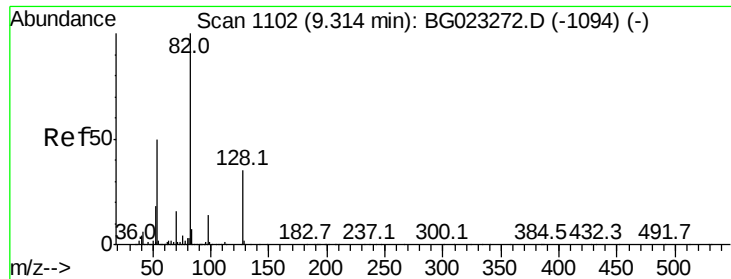
54 9.6 7.3 10.9

68 8.1 5.3 7.9#



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

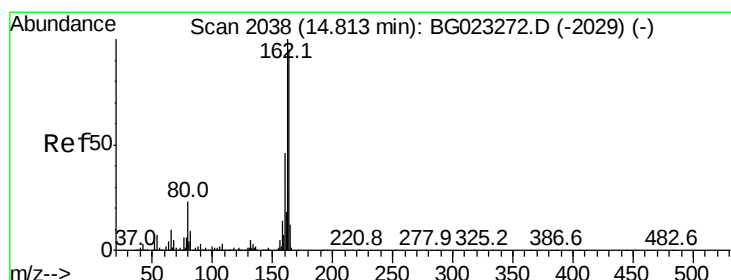
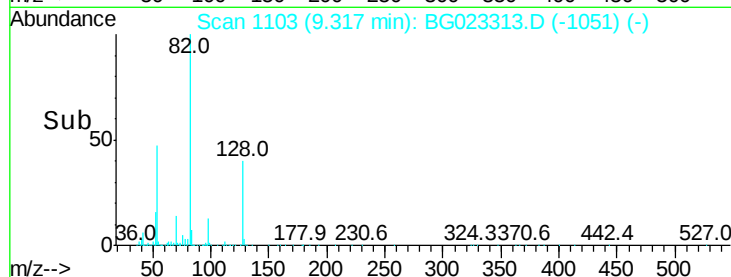
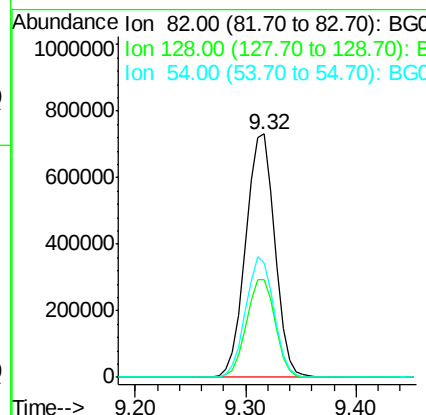
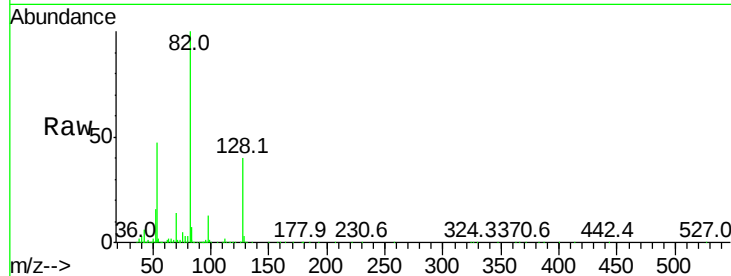




#23
 Nitrobenzene-d5
 Concen: 87.48 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BG023313.D
 Acq: 28 Jul 2016 19:06

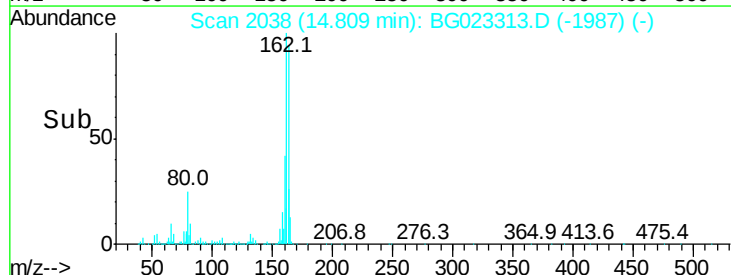
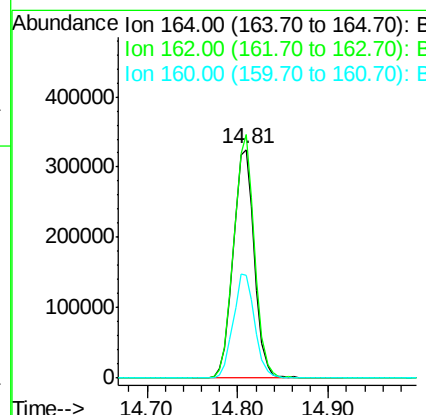
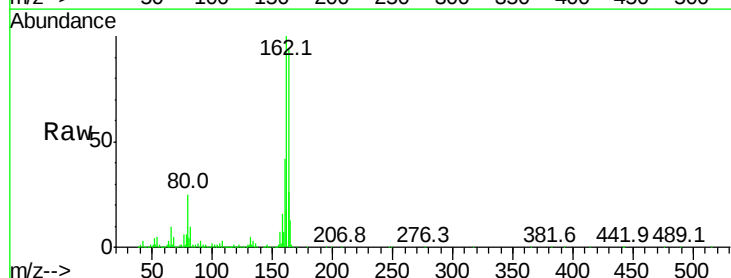
Instrument :
 BNA_G
 ClientSampleId :
 GW-41-7.8-15.0

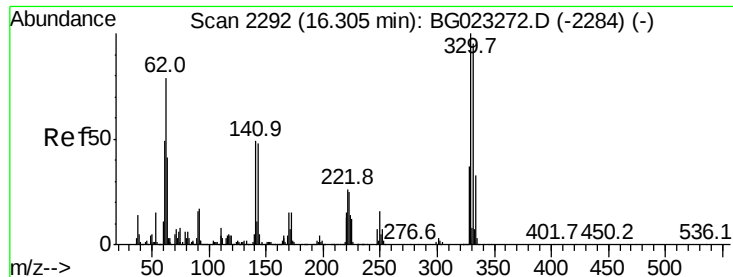
Tot Ion: 82 Resp: 1357777
 Ion Ratio Lower Upper
 82 100
 128 40.1 24.4 36.6#
 54 47.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG023313.D
 Acq: 28 Jul 2016 19:06

Tgt Ion: 164 Resp: 528774
 Ion Ratio Lower Upper
 164 100
 162 106.6 87.7 131.5
 160 44.8 37.2 55.8

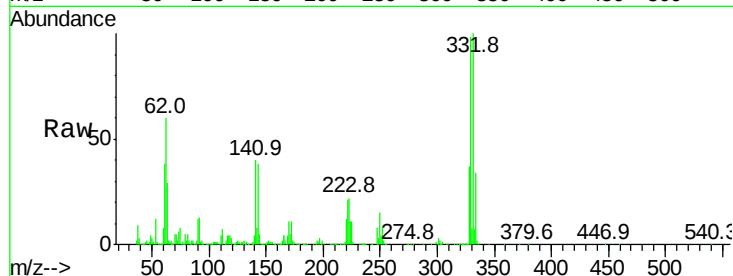




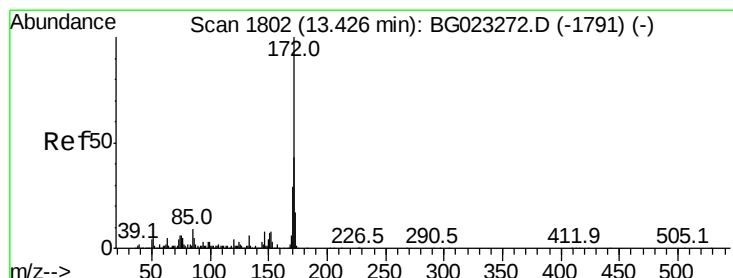
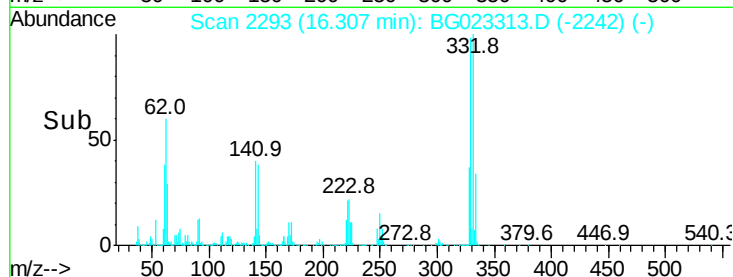
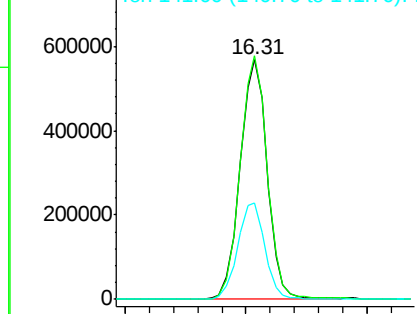
#41
 2,4,6-Tribromophenol
 Concen: 162.40 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023313.D
 Acq: 28 Jul 2016 19:06

Instrument :
 BNA_G
 ClientSampleId :
 GW-41-7.8-15.0

Tot Ion:330 Resp: 888795
 Ion Ratio Lower Upper
 330 100
 332 101.8 77.4 116.2
 141 40.8 31.7 47.5

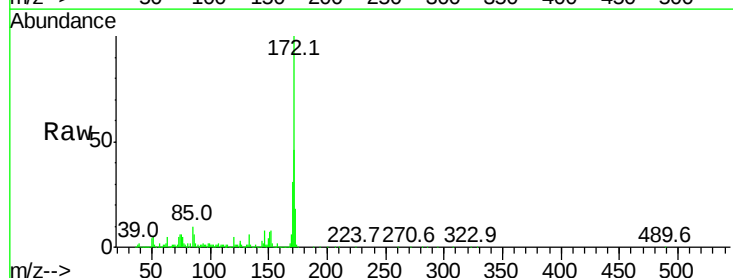


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

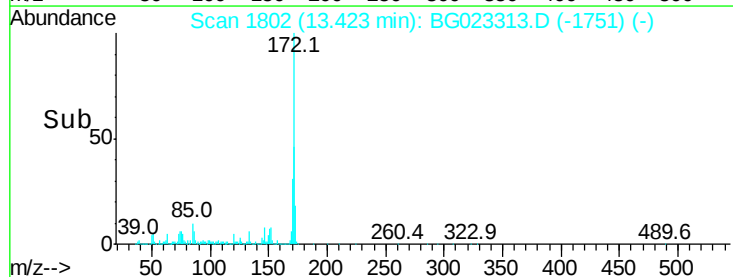
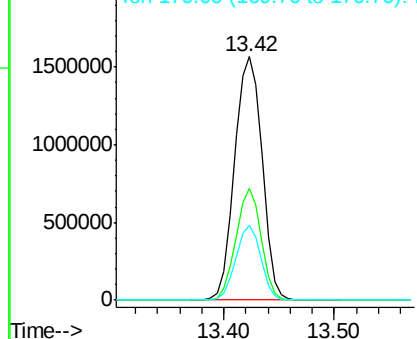


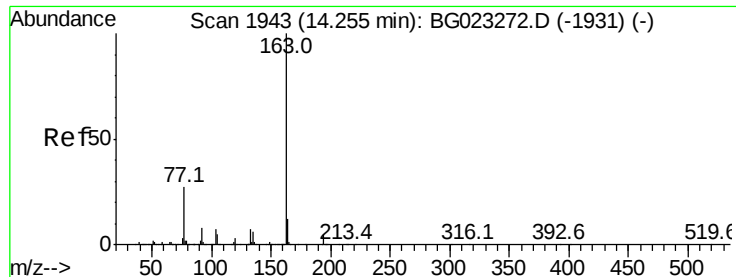
#44
 2-Fluorobiphenyl
 Concen: 96.97 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023313.D
 Acq: 28 Jul 2016 19:06

Tgt Ion:172 Resp: 2739526
 Ion Ratio Lower Upper
 172 100
 171 45.7 31.6 47.4
 170 30.6 21.3 31.9



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: 2.43 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

Instrument :

BNA_G

ClientSampleId :

GW-41-7.8-15.0

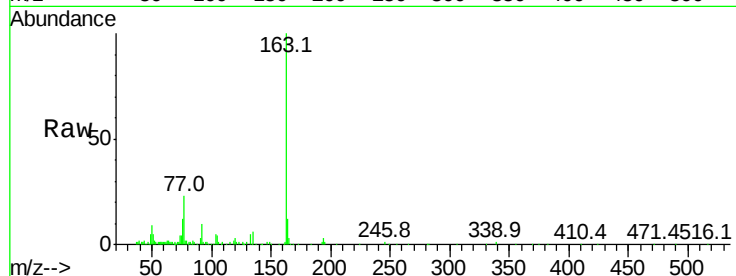
Tot Ion:163 Resp: 94798

Ion Ratio Lower Upper

163 100

194 2.8 3.6 5.4#

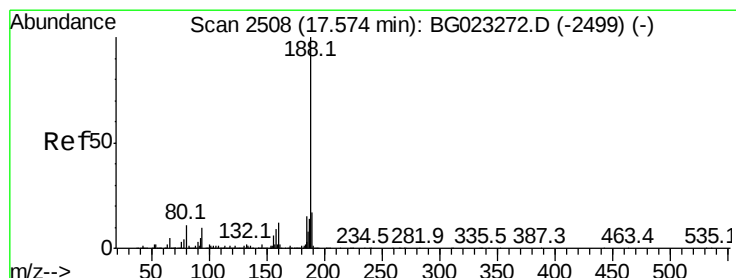
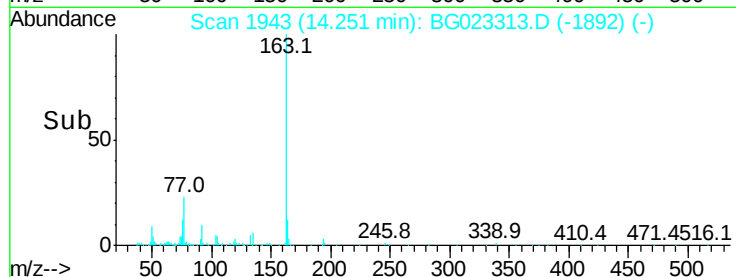
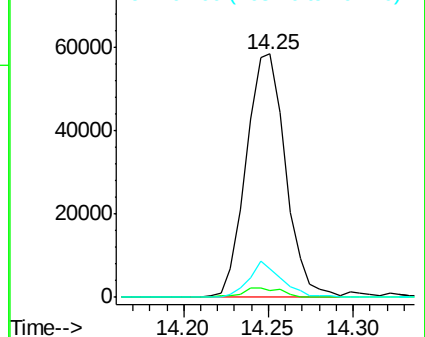
164 11.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG023313.D

Acq: 28 Jul 2016 19:06

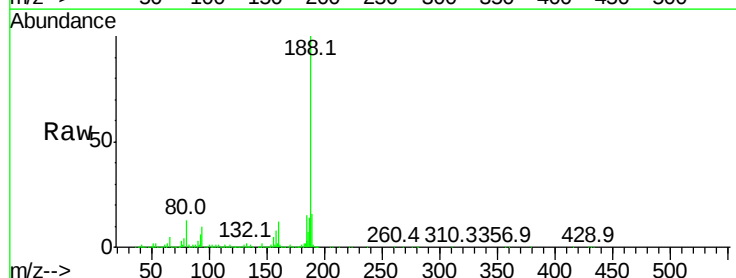
Tgt Ion:188 Resp: 1229265

Ion Ratio Lower Upper

188 100

94 10.1 5.2 7.8#

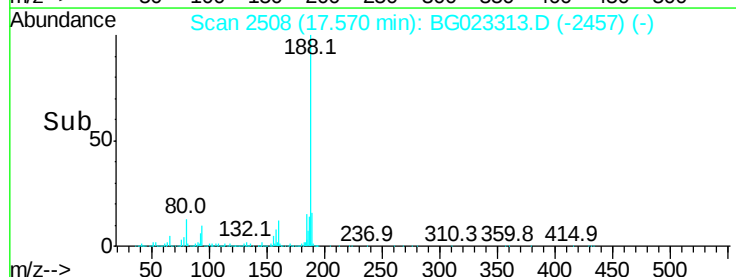
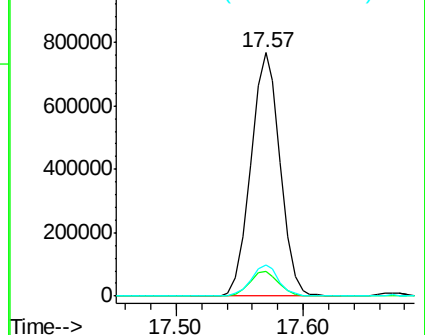
80 12.7 7.2 10.8#

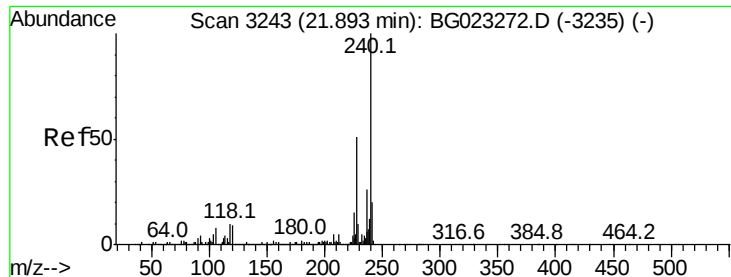


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

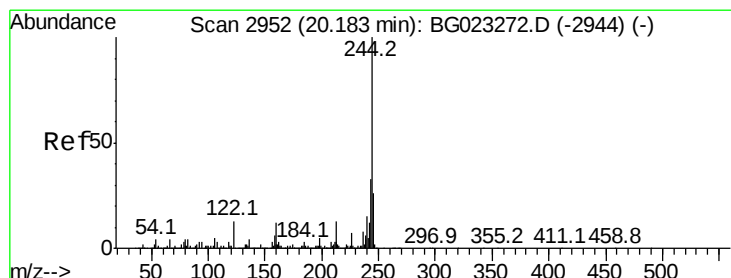
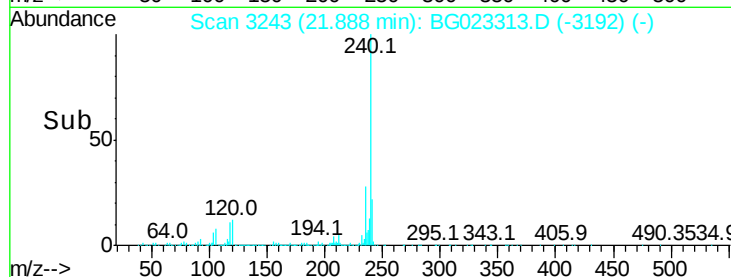
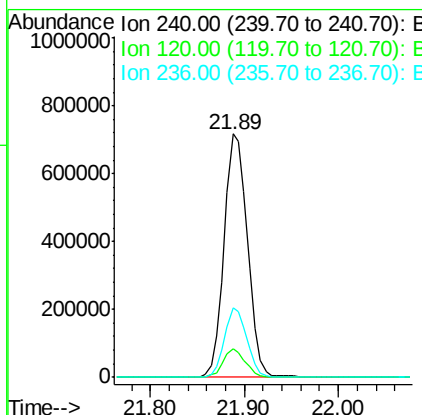
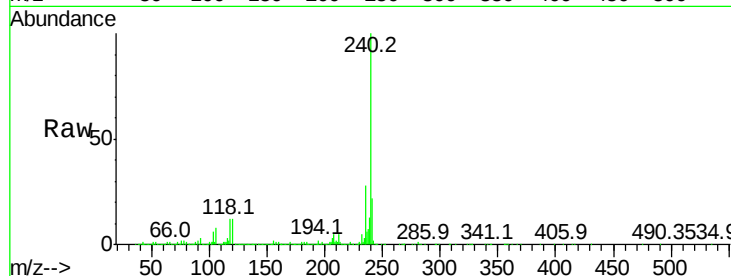




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.00 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

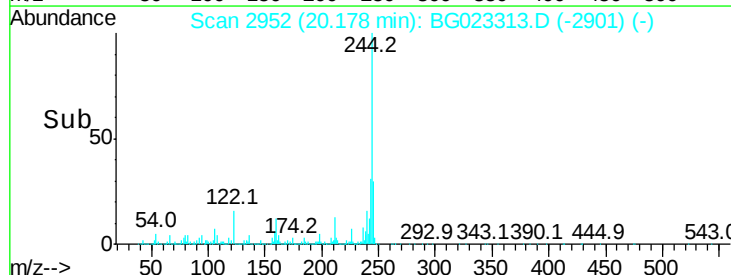
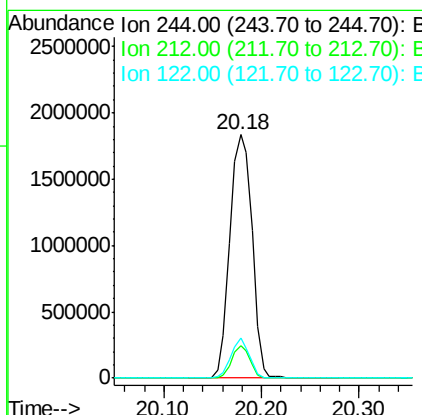
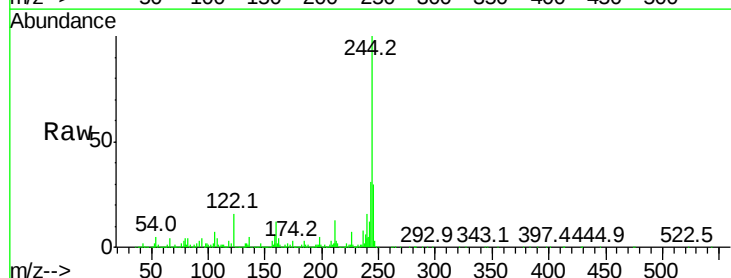
Instrument :
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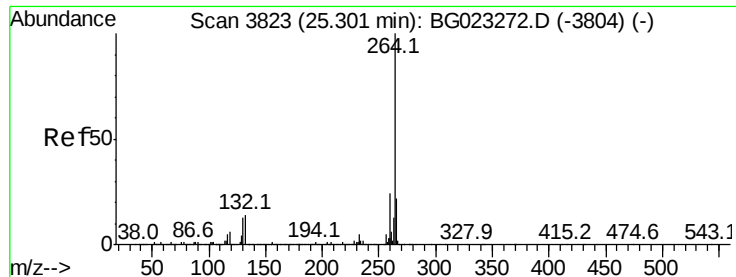
Tot Ion:240 Resp: 1238770
Ion Ratio Lower Upper
240 100
120 11.9 4.1 6.1#
236 28.5 21.1 31.7



#78
Terphenyl-d14
Concen: 76.12 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023313.D
Acq: 28 Jul 2016 19:06

Tgt Ion:244 Resp: 2900772
Ion Ratio Lower Upper
244 100
212 13.4 10.8 16.2
122 16.4 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.30 min Scan# 3824
 Delta R.T. -0.00 min
 Lab File: BG023313.D
 Acq: 28 Jul 2016 19:06

Instrument :
 BNA_G
 ClientSampleId :
 GW-41-7.8-15.0

Tot Ion:264 Resp: 1259132
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 23.2 18.9 28.3

