

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
 Data File : BG035583.D
 Acq On : 3 Jul 2018 12:34
 Operator : JU/SJ
 Sample : J3804-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GPW-02

Quant Time: Jul 03 13:21:14 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

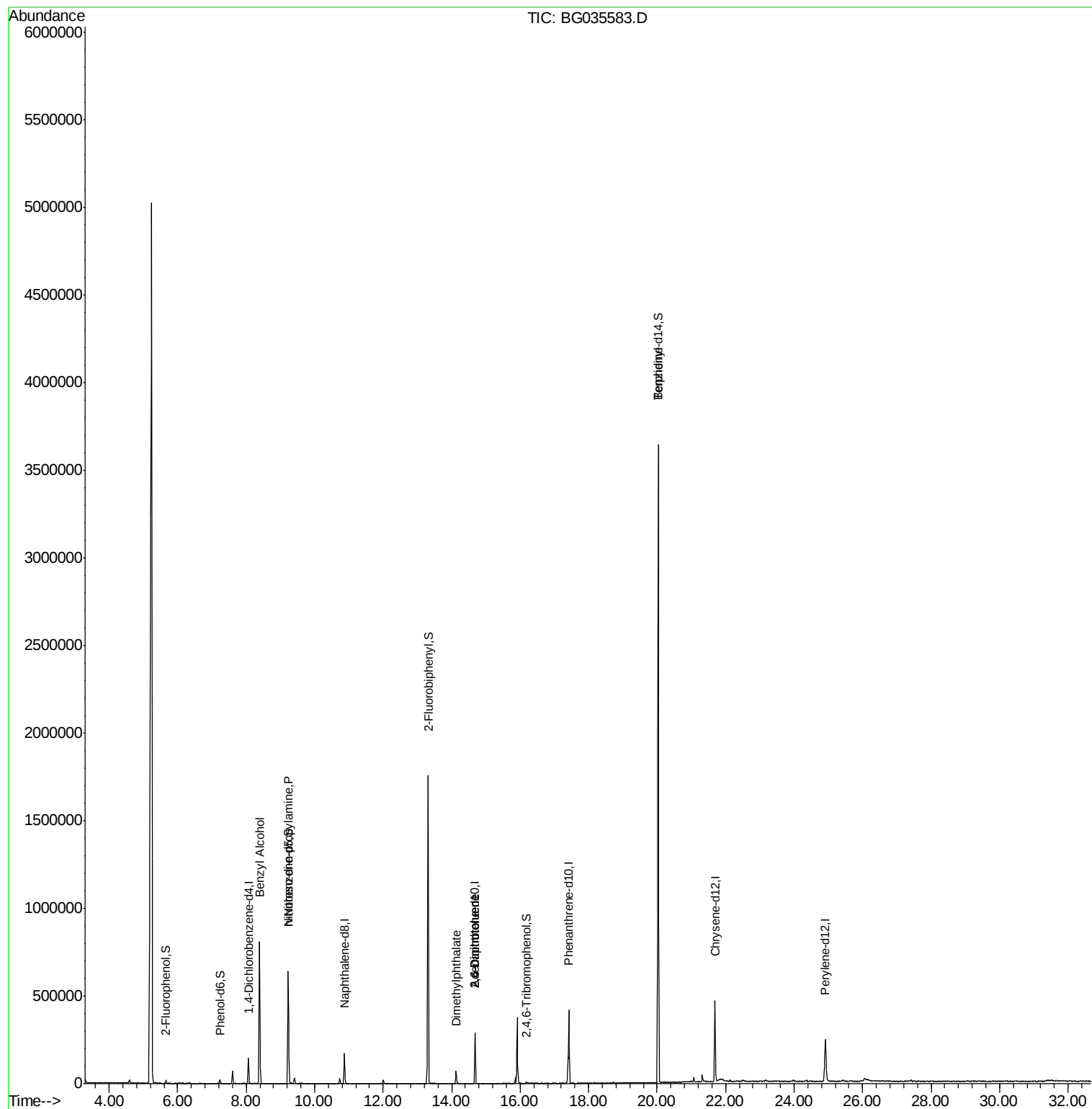
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	40732	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	143782	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	99830	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	263946	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	288253	20.00	ng	-0.03
86) Perylene-d12	24.91	264	273516	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	9140	3.79	ng	0.00
7) Phenol-d6	7.23	99	12988	3.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	422281	139.61	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	2676	2.09	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	973040	126.71	ng	-0.02
78) Terphenyl-d14	20.03	244	1743711	126.71	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.39	79	7709	2.284	ng	# 51
19) n-Nitroso-di-n-propylamine	9.23	70	60106	19.860	ng	# 65
49) Dimethylphthalate	14.13	163	46773	5.373	ng	# 96
50) 2,6-Dinitrotoluene	14.68	165	14257	8.977	ng	# 21
56) 2,4-Dinitrotoluene	14.68	165	14257	6.758	ng	# 19
76) Benzidine	20.03	184	30314	2.827	ng	# 91

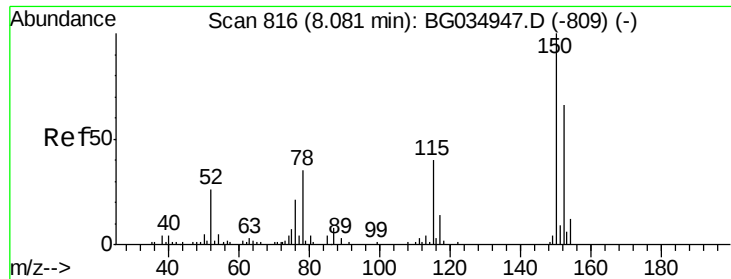
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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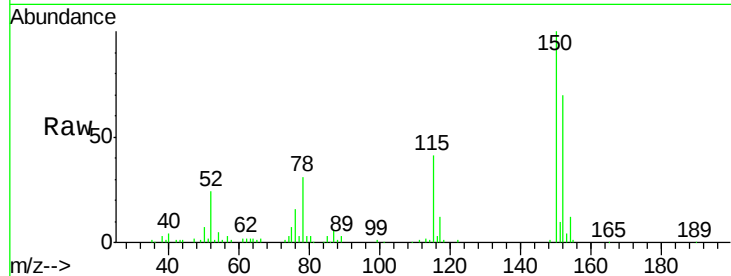


#1

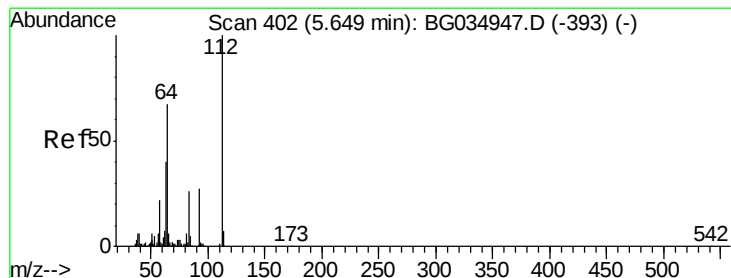
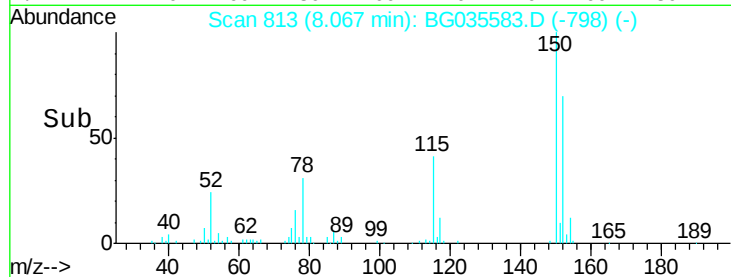
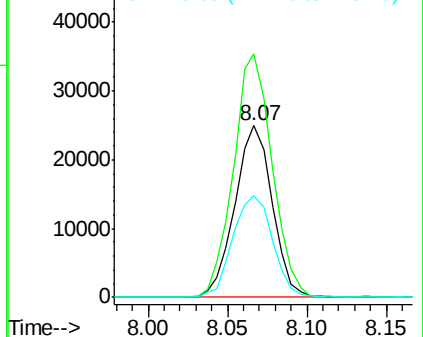
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035583.D
Acq: 3 Jul 2018 12:34

Instrument :
BNA_G
ClientSampleId :
GPW-02

Tgt Ion:152 Resp: 40732
Ion Ratio Lower Upper
152 100
150 142.0 126.6 189.8
115 58.9 53.0 79.4



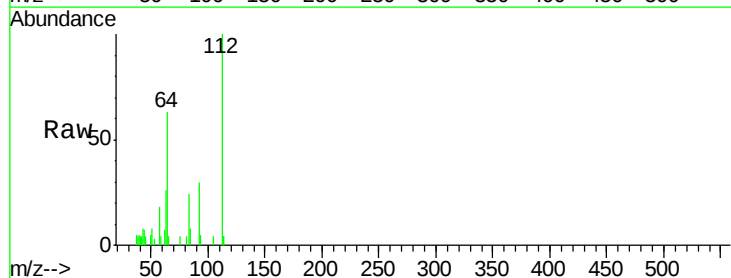
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



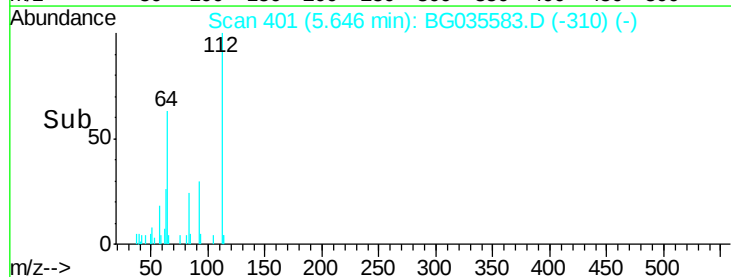
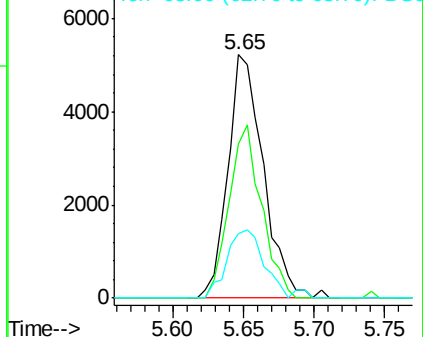
#5

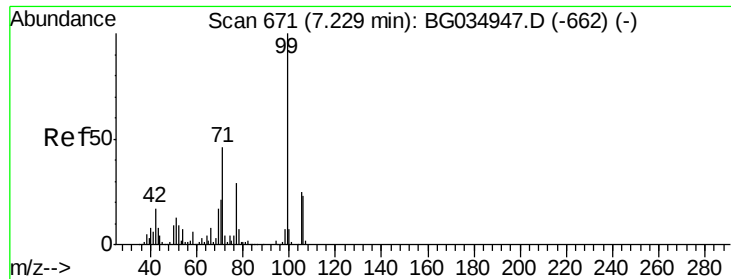
2-Fluorophenol
Concen: 3.787 ng
RT: 5.65 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035583.D
Acq: 3 Jul 2018 12:34

Tgt Ion:112 Resp: 9140
Ion Ratio Lower Upper
112 100
64 63.0 56.3 84.5
63 26.3 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: 3.646 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035583.D

Acq: 3 Jul 2018 12:34

Instrument :

BNA_G

ClientSampleId :

GPW-02

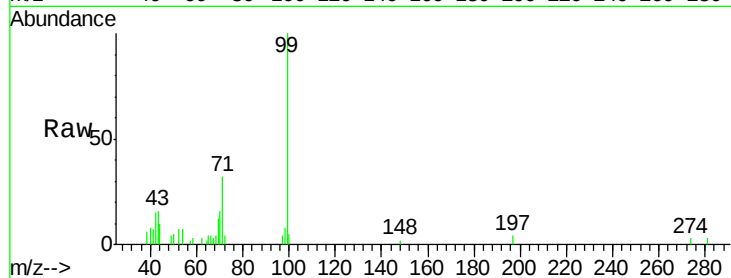
Tgt Ion: 99 Resp: 12988

Ion Ratio Lower Upper

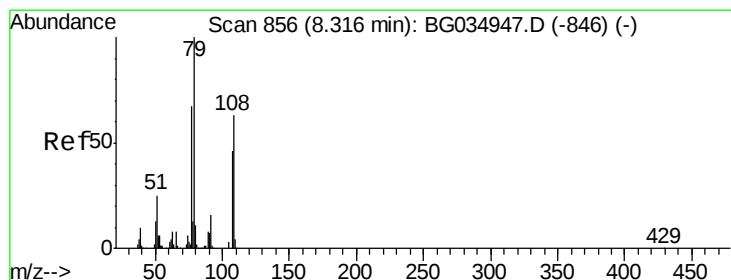
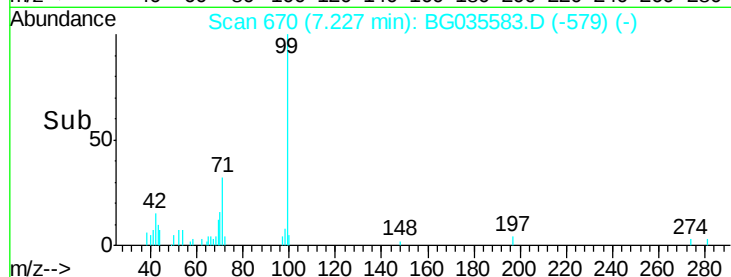
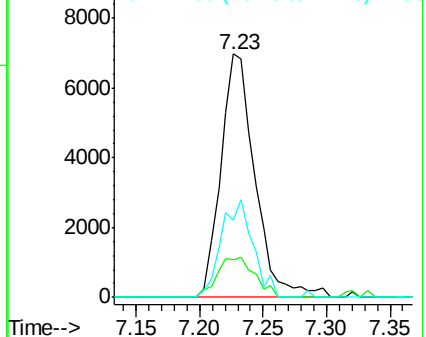
99 100

42 15.4 14.1 21.1

71 31.5 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



#15

Benzyl Alcohol

Concen: 2.284 ng

RT: 8.39 min Scan# 868

Delta R.T. 0.08 min

Lab File: BG035583.D

Acq: 3 Jul 2018 12:34

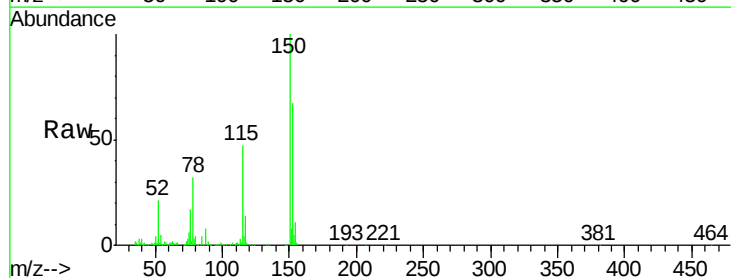
Tgt Ion: 79 Resp: 7709

Ion Ratio Lower Upper

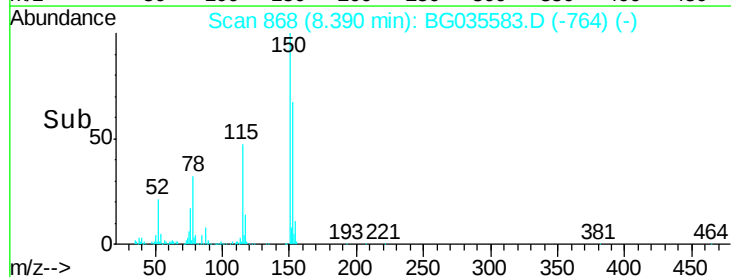
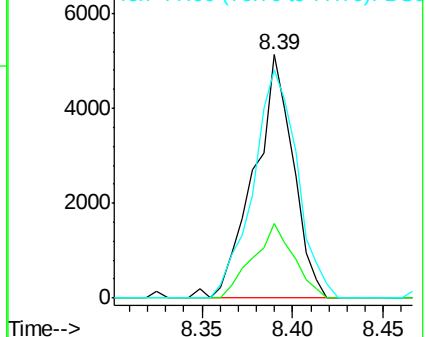
79 100

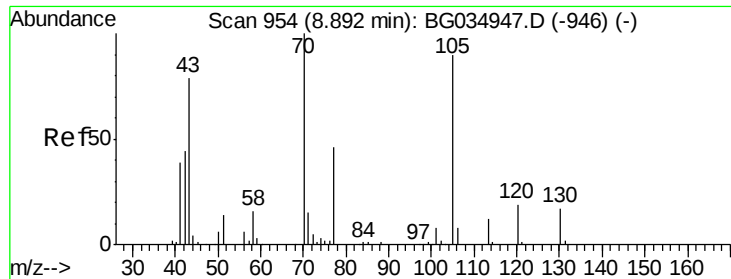
108 30.9 57.2 85.8#

77 93.6 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

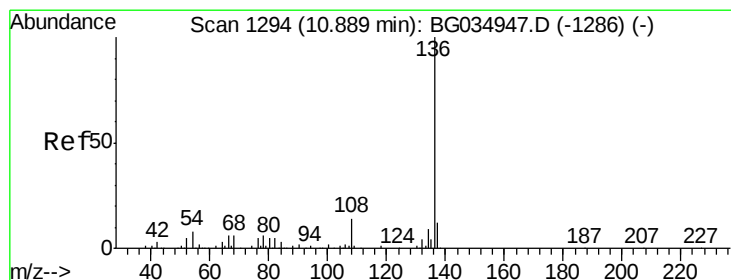
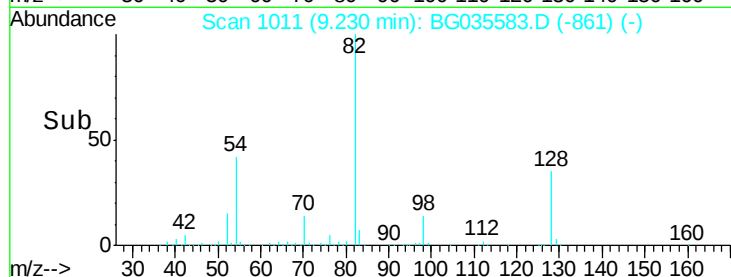
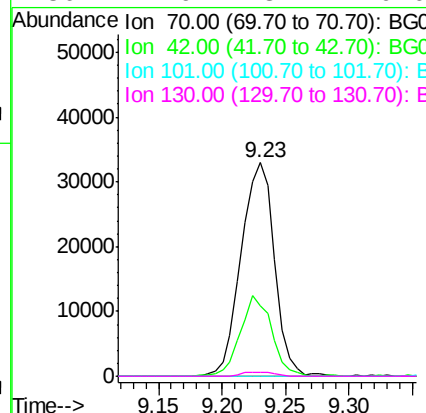
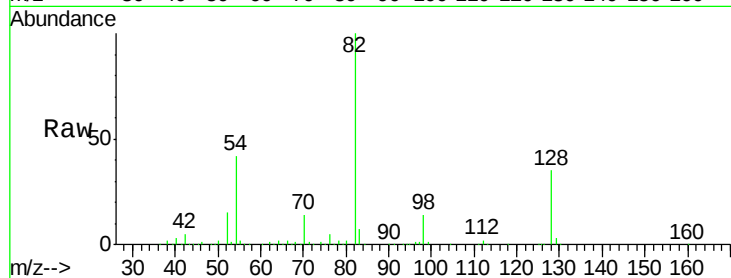




#19
n-Nitroso-di-n-propylamine
Concen: 19.860 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG035583.D
Acq: 3 Jul 2018 12:34

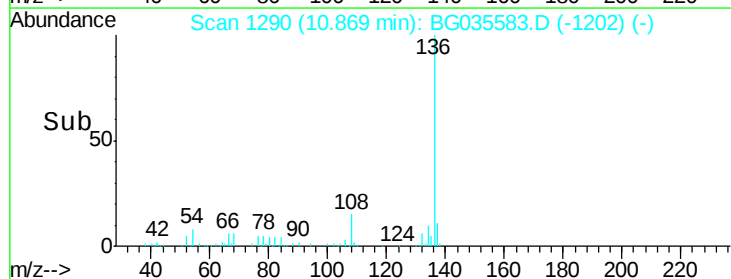
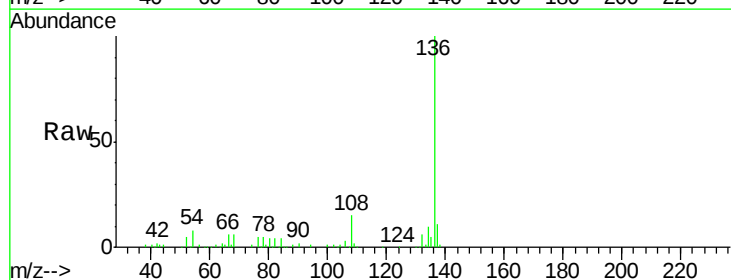
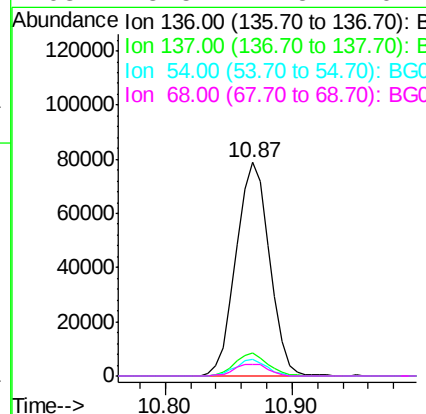
Instrument :
BNA_G
ClientSampleId :
GPW-02

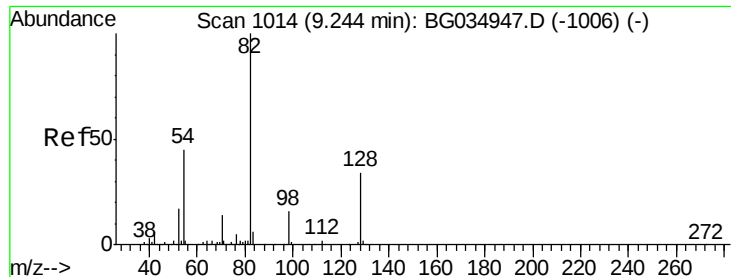
Tgt Ion: 70 Resp: 60106
Ion Ratio Lower Upper
70 100
42 33.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035583.D
Acq: 3 Jul 2018 12:34

Tgt Ion: 136 Resp: 143782
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.8 10.3 15.5#
68 5.5 4.5 6.7

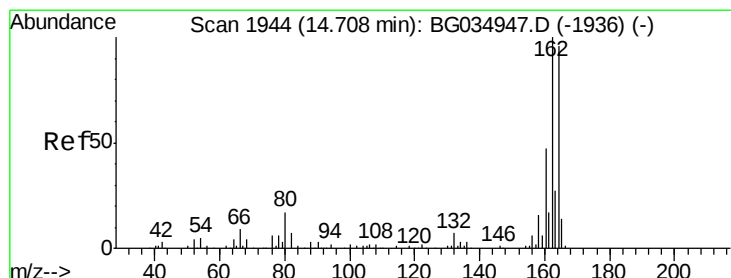
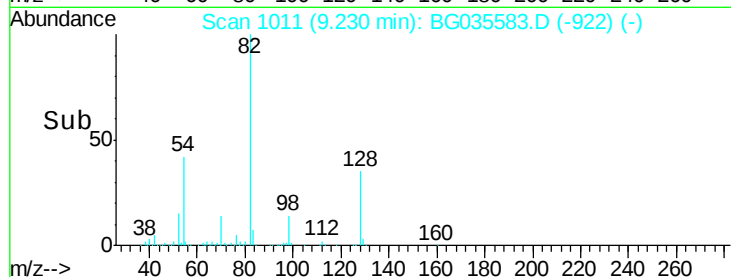
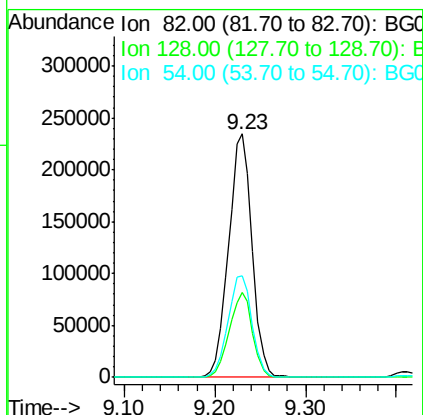
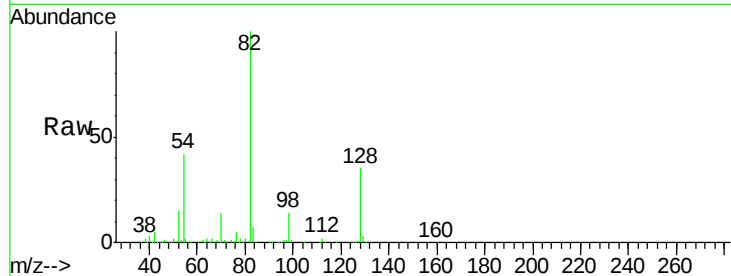




#23
 Nitrobenzene-d5
 Concen: 139.606 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035583.D
 Acq: 3 Jul 2018 12:34

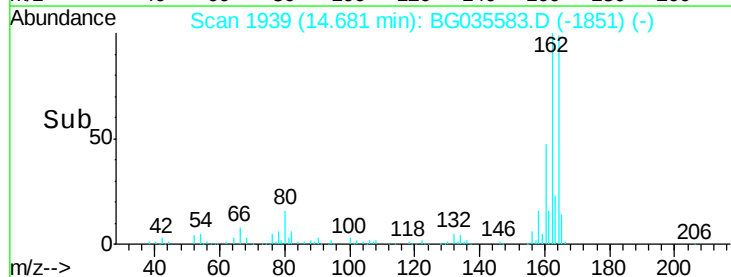
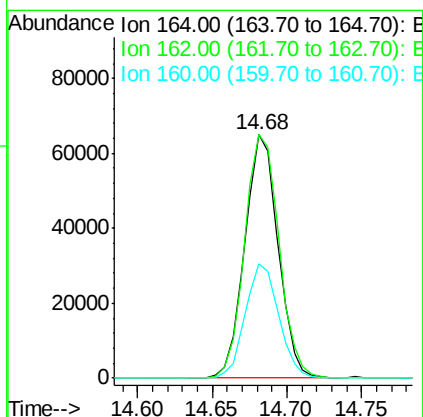
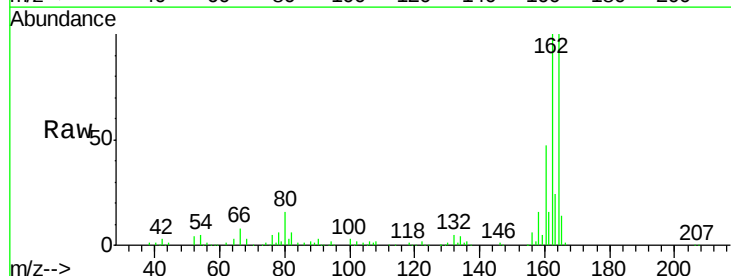
Instrument :
 BNA_G
 ClientSampleId :
 GPW-02

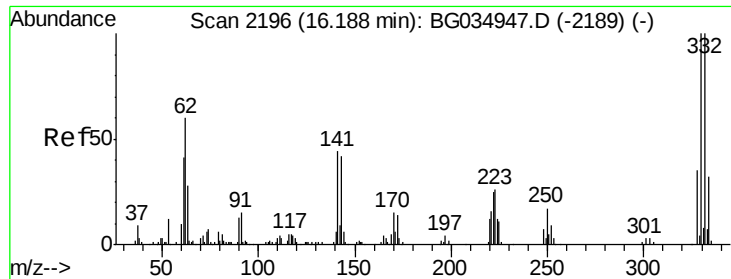
Tgt Ion: 82 Resp: 422281
 Ion Ratio Lower Upper
 82 100
 128 35.1 29.7 44.5
 54 41.5 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035583.D
 Acq: 3 Jul 2018 12:34

Tgt Ion: 164 Resp: 99830
 Ion Ratio Lower Upper
 164 100
 162 100.2 78.8 118.2
 160 47.3 35.4 53.0

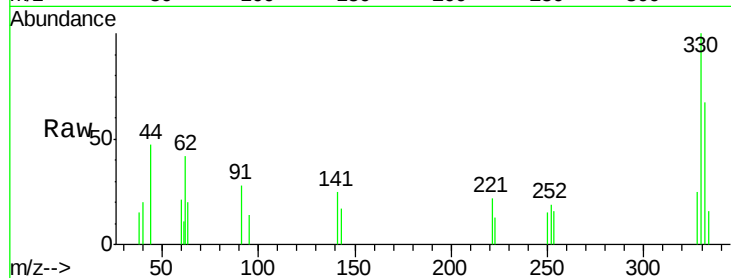




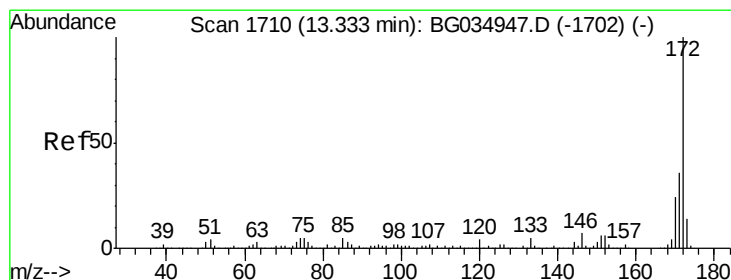
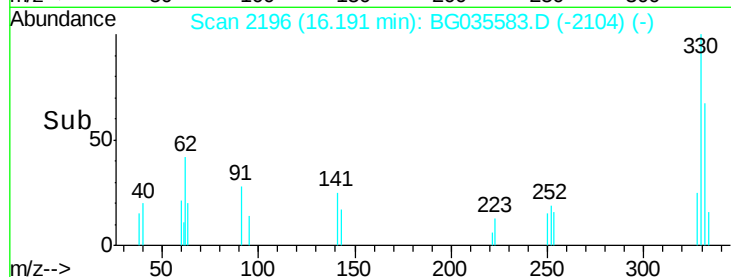
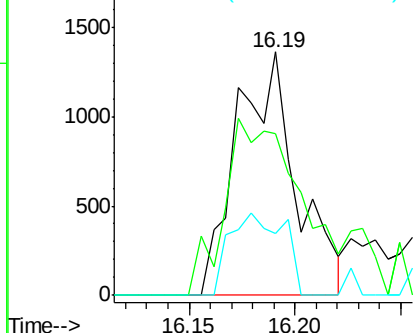
#41
 2,4,6-Tribromophenol
 Concen: 2.094 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: BG035583.D
 Acq: 3 Jul 2018 12:34

Instrument :
 BNA_G
 ClientSampleId :
 GPW-02

Tgt Ion:330 Resp: 2676
 Ion Ratio Lower Upper
 330 100
 332 91.1 77.0 115.6
 141 30.5 25.2 37.8

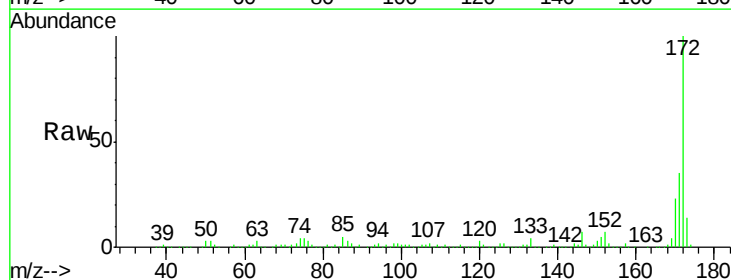


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

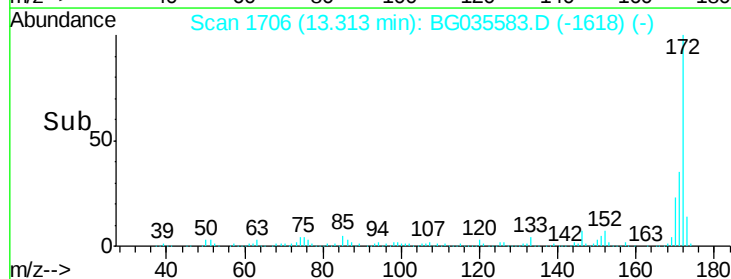
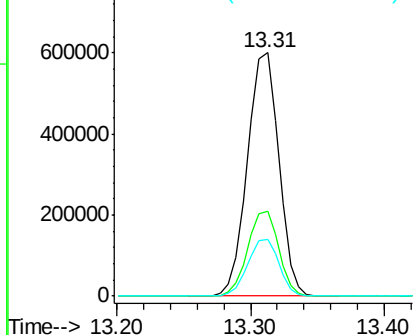


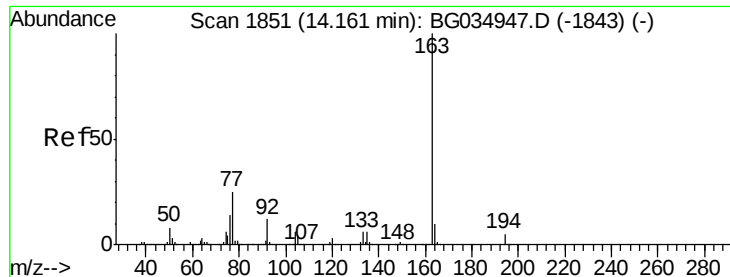
#44
 2-Fluorobiphenyl
 Concen: 126.710 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035583.D
 Acq: 3 Jul 2018 12:34

Tgt Ion:172 Resp: 973040
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 23.2 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





#49

Dimethylphthalate

Concen: 5.373 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035583.D

Acq: 3 Jul 2018 12:34

Instrument :

BNA_G

ClientSampleId :

GPW-02

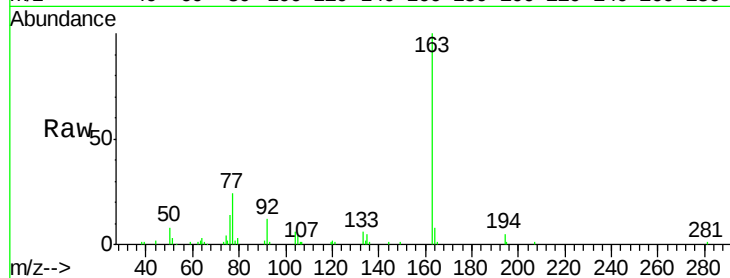
Tgt Ion:163 Resp: 46773

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

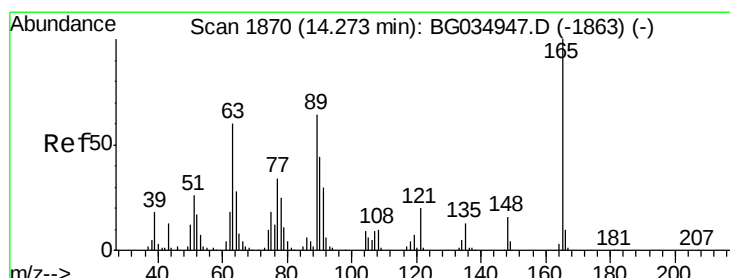
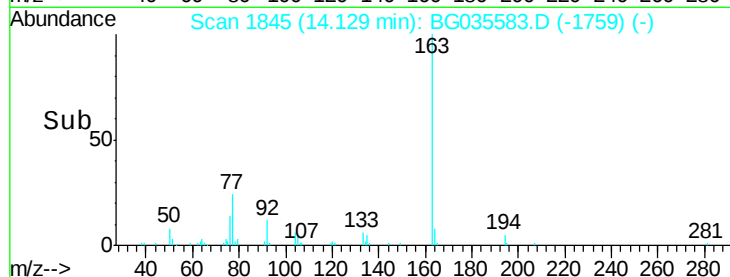
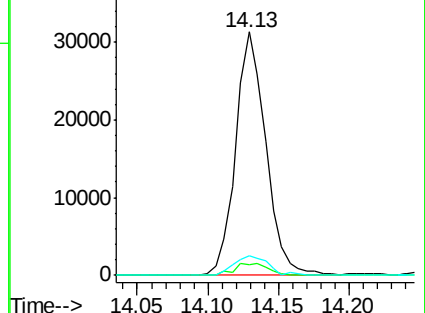
164 8.3 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 8.977 ng

RT: 14.68 min Scan# 1939

Delta R.T. 0.41 min

Lab File: BG035583.D

Acq: 3 Jul 2018 12:34

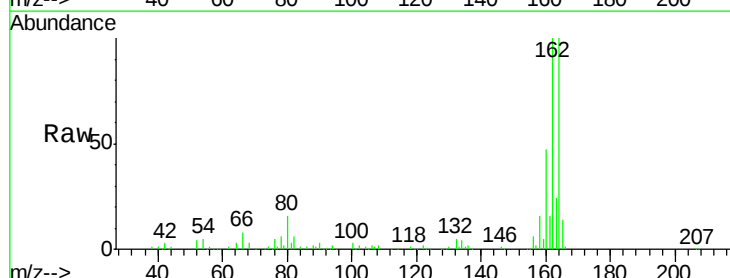
Tgt Ion:165 Resp: 14257

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

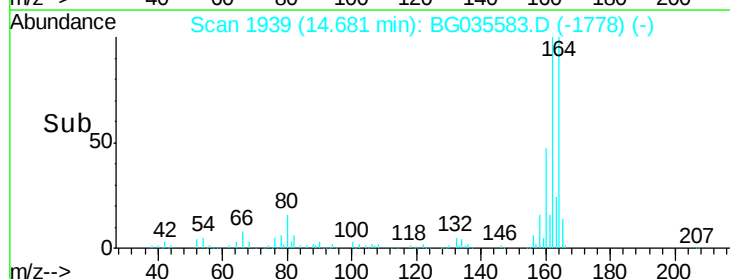
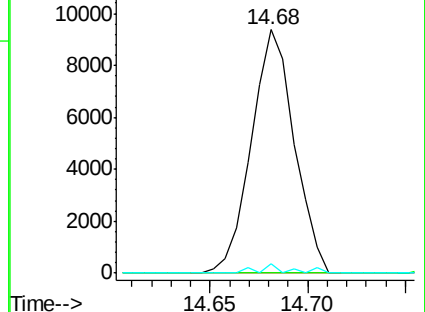
89 4.1 49.2 73.8#

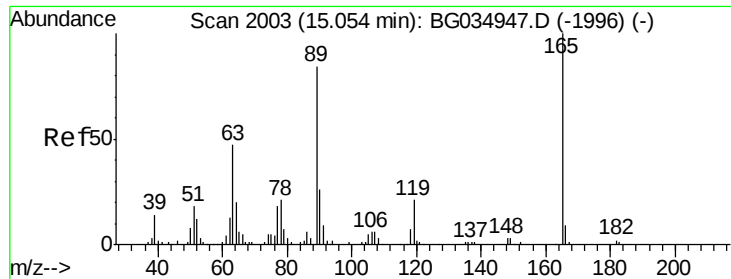


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

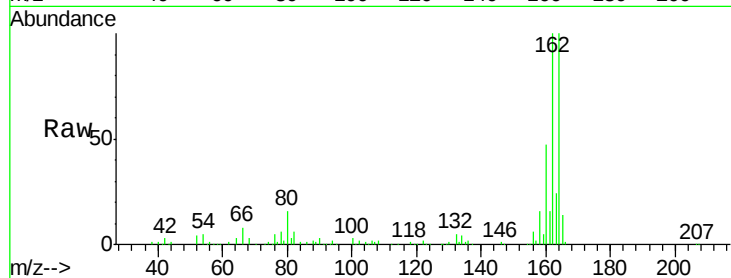




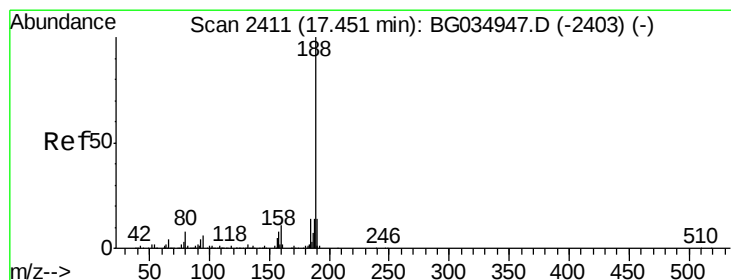
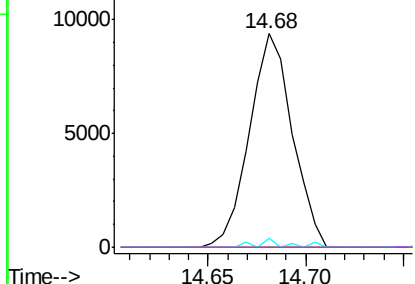
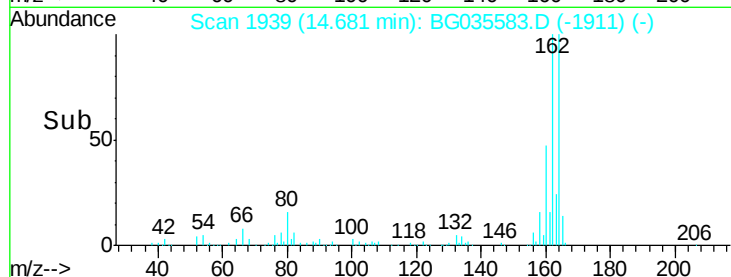
#56
 2,4-Dinitrotoluene
 Concen: 6.758 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035583.D
 Acq: 3 Jul 2018 12:34

Instrument :
 BNA_G
 ClientSampleId :
 GPW-02

Tgt Ion:165 Resp: 14257
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 4.1 66.9 100.3#
 182 0.0 2.6 3.8#

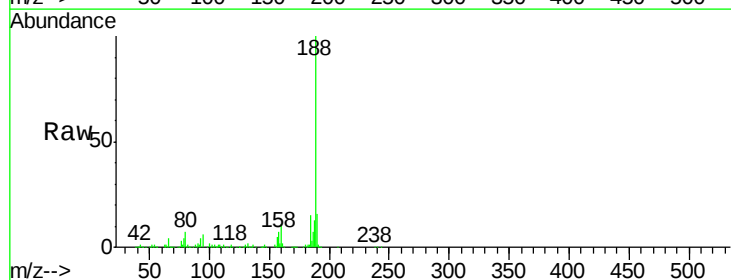


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

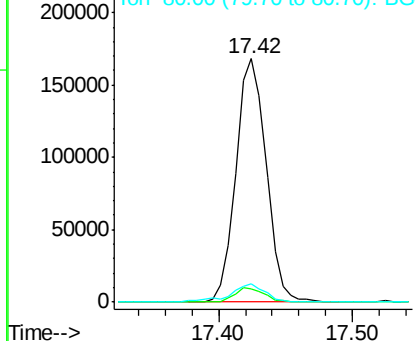
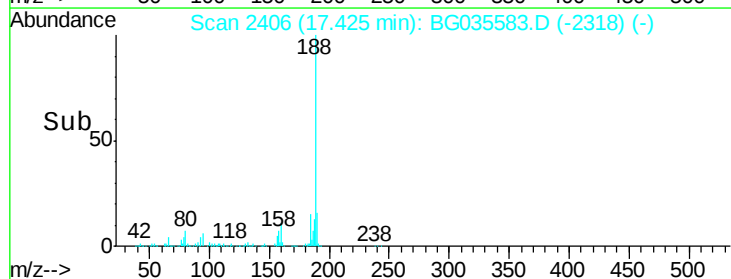


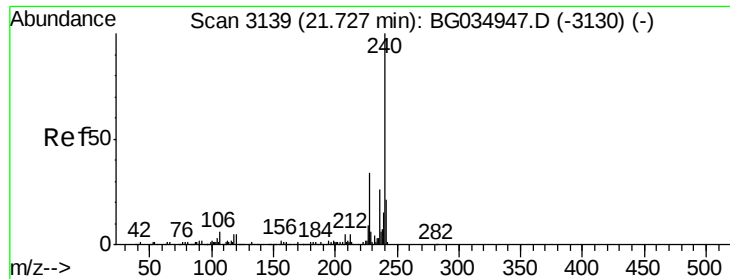
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.02 min
 Lab File: BG035583.D
 Acq: 3 Jul 2018 12:34

Tgt Ion:188 Resp: 263946
 Ion Ratio Lower Upper
 188 100
 94 5.5 6.9 10.3#
 80 7.3 7.7 11.5#



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

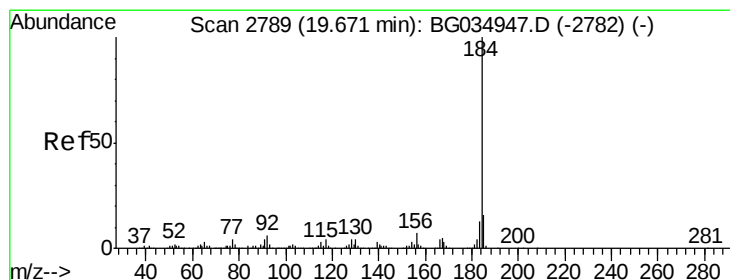
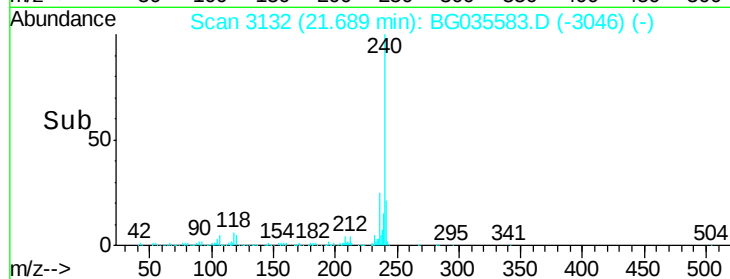
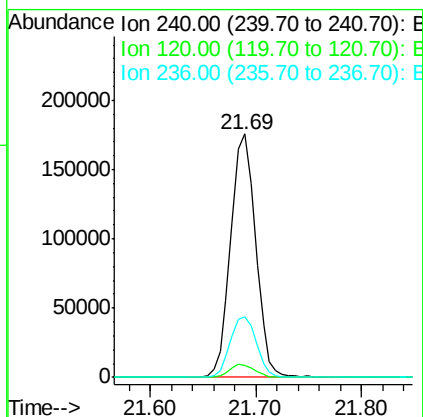
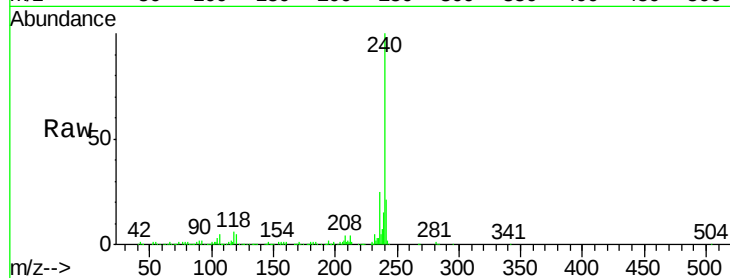




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035583.D
Acq: 3 Jul 2018 12:34

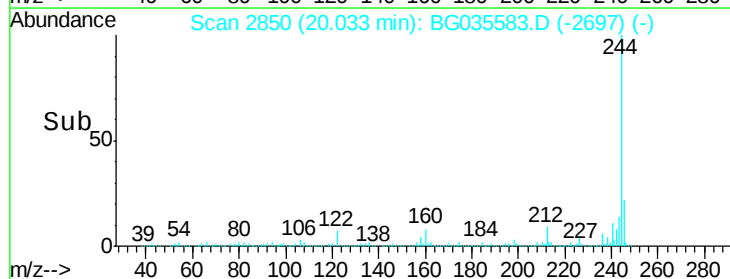
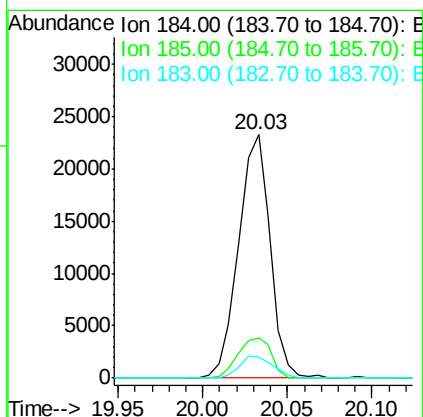
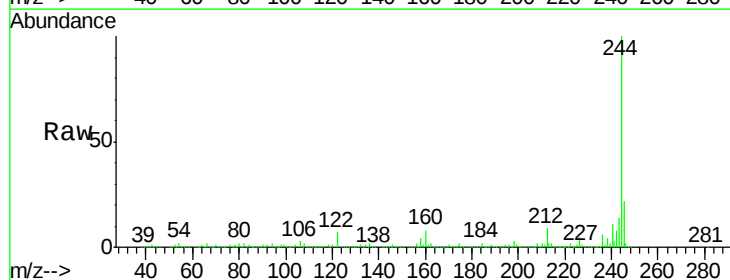
Instrument :
BNA_G
ClientSampleId :
GPW-02

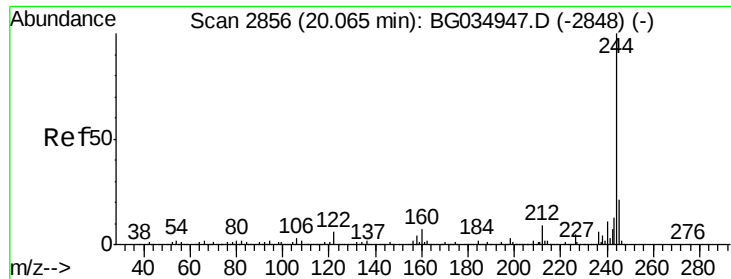
Tgt Ion:240 Resp: 288253
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 24.7 20.9 31.3



#76
Benzidine
Concen: 2.827 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.37 min
Lab File: BG035583.D
Acq: 3 Jul 2018 12:34

Tgt Ion:184 Resp: 30314
Ion Ratio Lower Upper
184 100
185 16.3 11.1 16.7
183 8.5 10.6 16.0#





#78

Terphenyl-d14

Concen: 126.712 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035583.D

Acq: 3 Jul 2018 12:34

Instrument :

BNA_G

ClientSampleId :

GPW-02

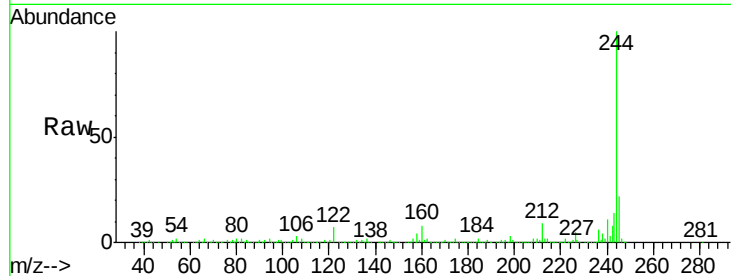
Tgt Ion:244 Resp: 1743711

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

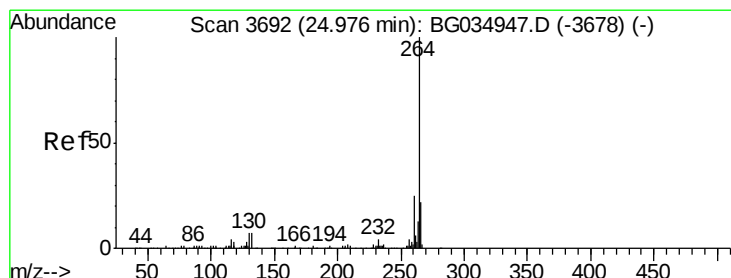
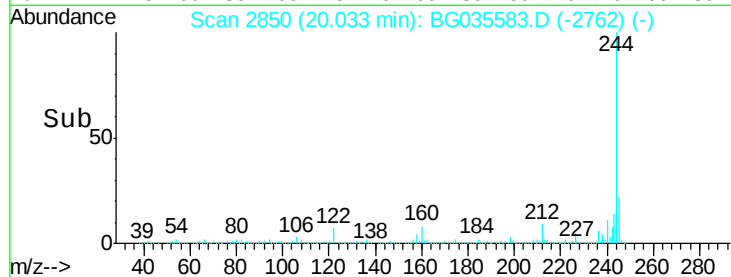
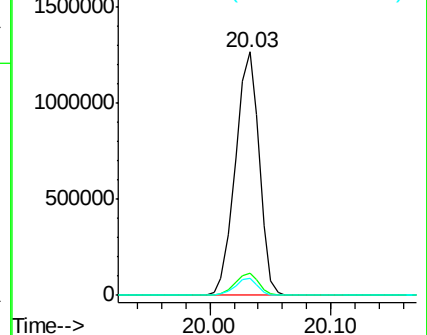
122 6.8 7.0 10.4#



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: 24.91 min Scan# 3680

Delta R.T. -0.04 min

Lab File: BG035583.D

Acq: 3 Jul 2018 12:34

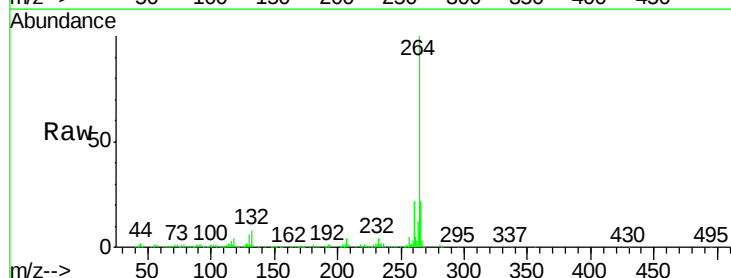
Tgt Ion:264 Resp: 273516

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 21.7 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

