

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035619.D
 Acq On : 13 Jul 2018 7:33
 Operator : JU/SJ
 Sample : J3825-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-C

Quant Time: Jul 13 08:10:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

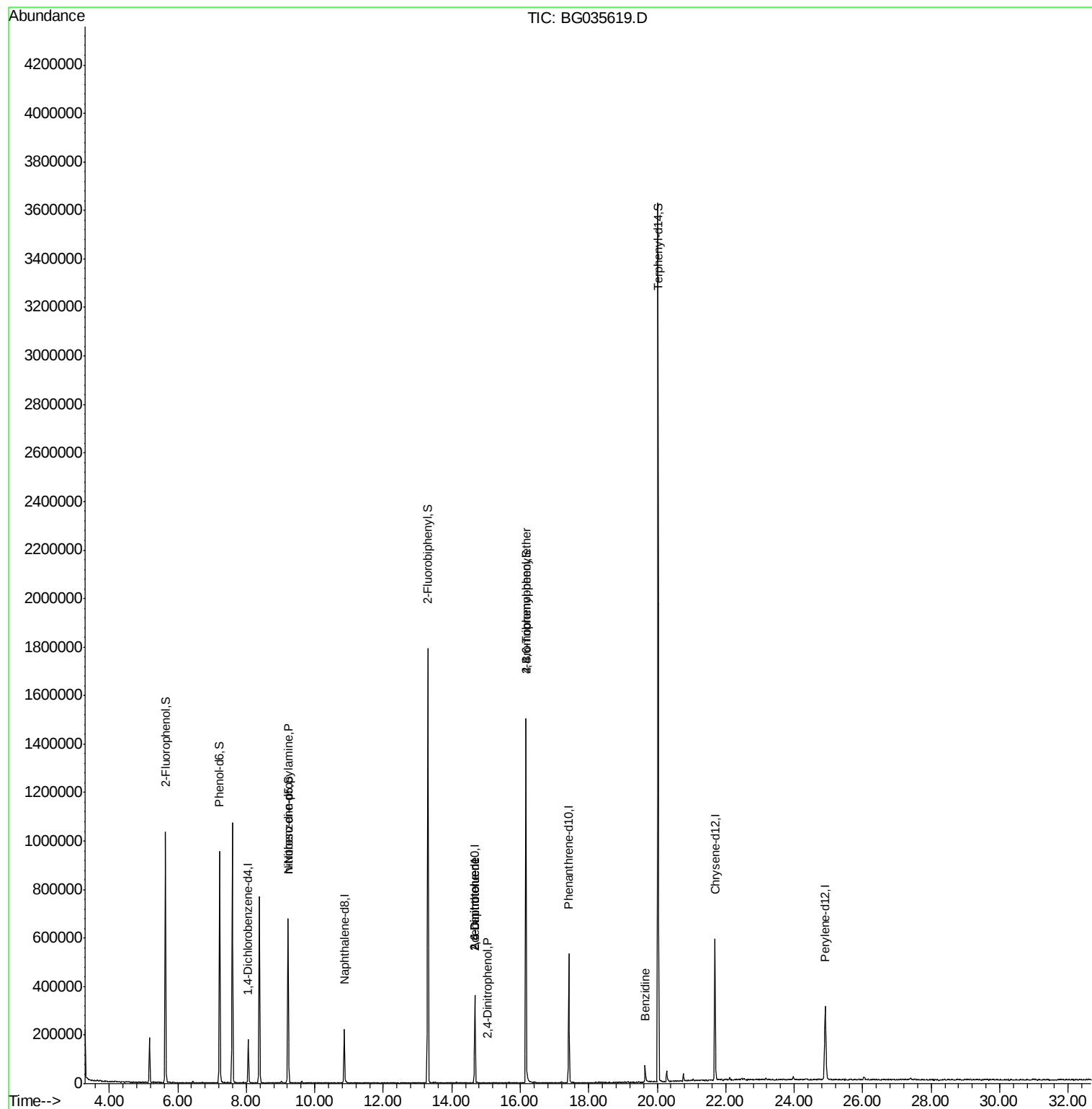
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45595	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	178362	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	126176	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	349012	20.00	ng	0.00
75) Chrysene-d12	21.69	240	376047	20.00	ng	0.00
86) Perylene-d12	24.90	264	341890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413224	150.47	ng	0.00
7) Phenol-d6	7.22	99	556518	135.82	ng	0.00
23) Nitrobenzene-d5	9.22	82	434205	101.70	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	265238	159.49	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	942140	100.04	ng	0.00
78) Terphenyl-d14	20.02	244	1686129	98.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	61214	17.741	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	15619	6.938	ng	# 21
53) 2,4-Dinitrophenol	15.05	184	88	6.652	ng	# 1
56) 2,4-Dinitrotoluene	14.68	165	15619	4.836	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	21482	5.305	ng	# 1
76) Benzidine	19.65	184	52343	5.294	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035619.D
Acq On : 13 Jul 2018 7:33
Operator : JU/SJ
Sample : J3825-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Quant Time: Jul 13 08:10:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



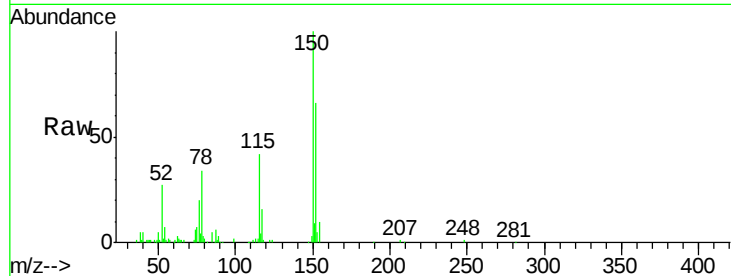


#1

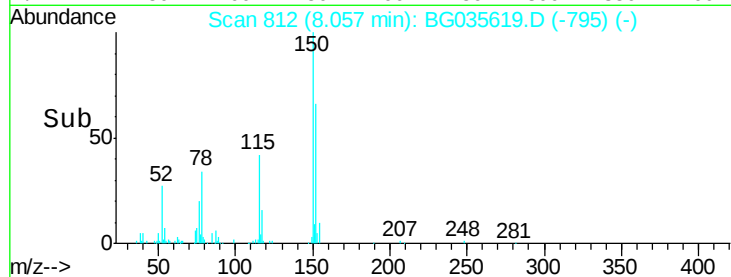
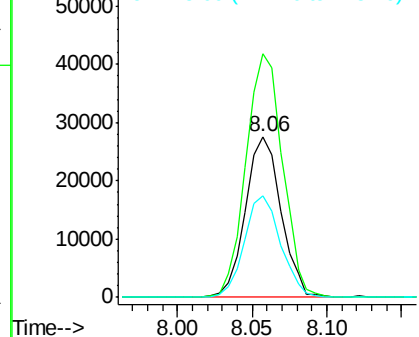
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:152 Resp: 45595
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 63.2 53.0 79.4



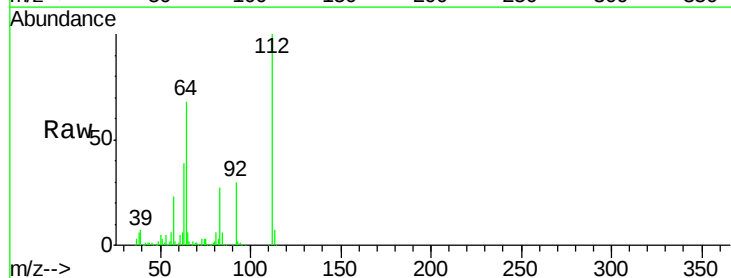
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



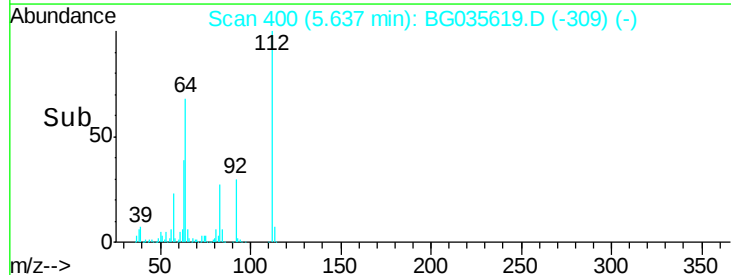
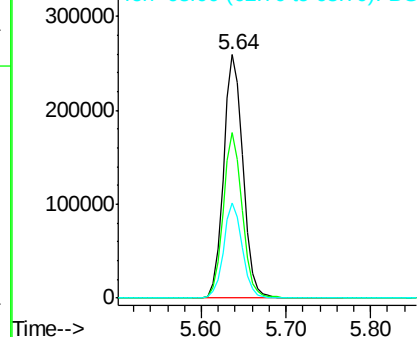
#5

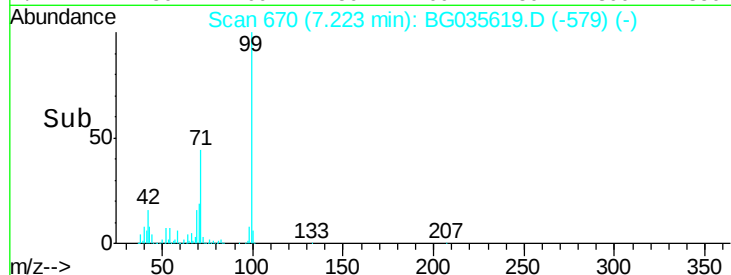
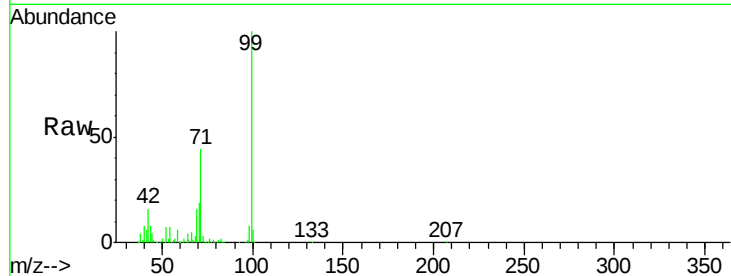
2-Fluorophenol
Concen: 150.466 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:112 Resp: 413224
Ion Ratio Lower Upper
112 100
64 68.1 56.3 84.5
63 39.3 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: 135.821 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-C

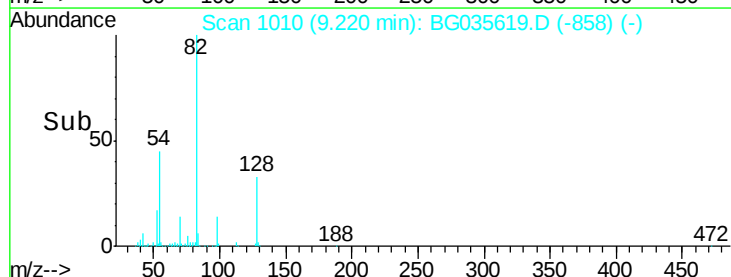
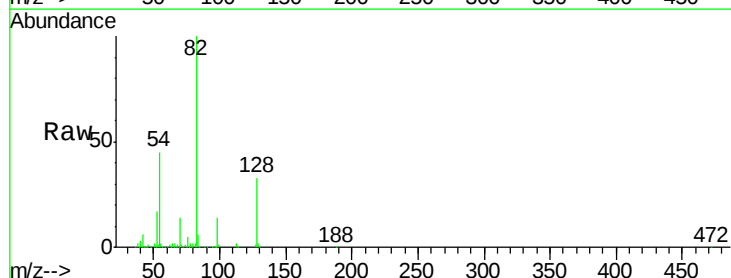
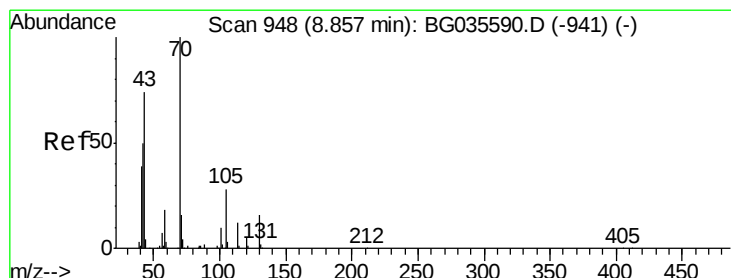
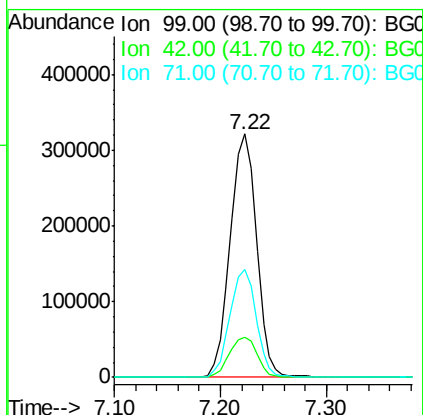
Tgt Ion: 99 Resp: 556518

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 44.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 17.741 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Tgt Ion: 70 Resp: 61214

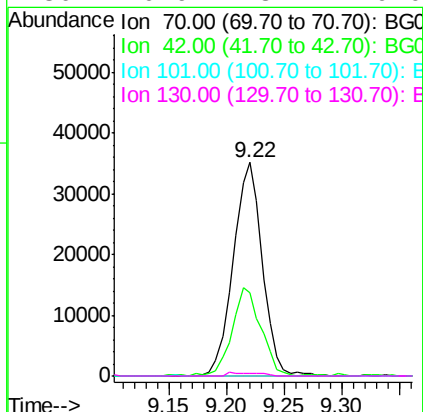
Ion Ratio Lower Upper

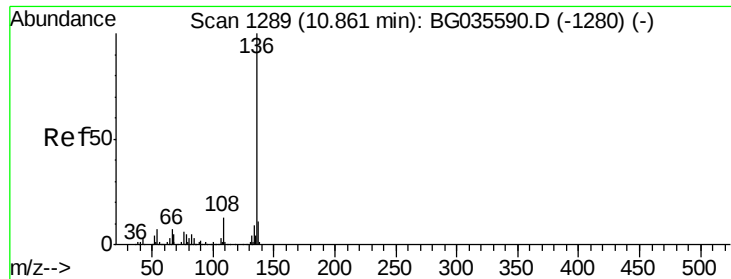
70 100

42 38.9 49.1 73.7#

101 0.0 8.5 12.7#

130 0.9 13.4 20.0#

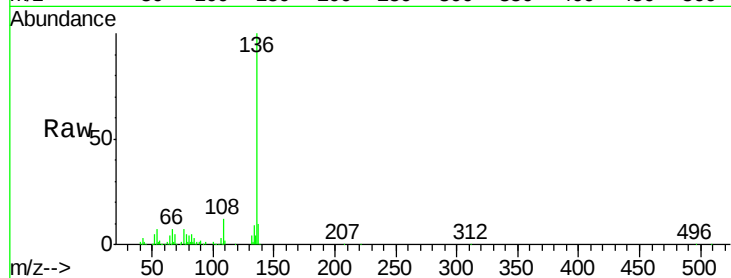




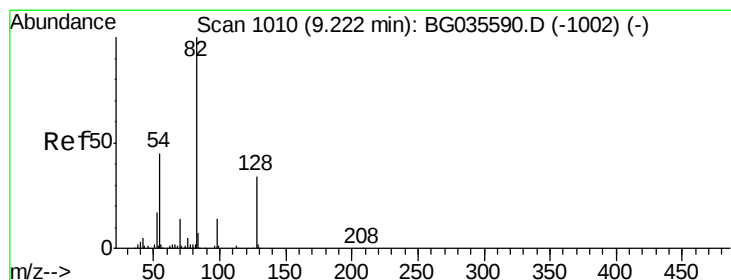
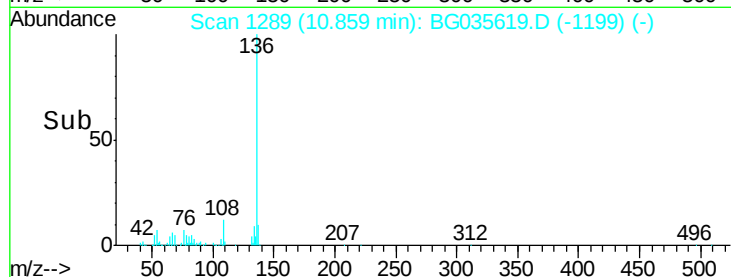
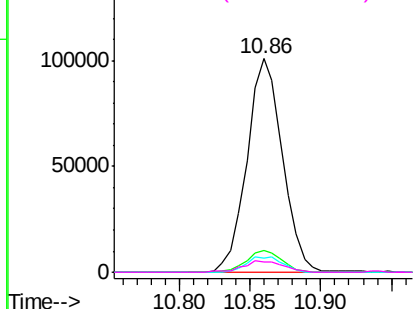
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:	136	Resp:	178362
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	6.8	10.3	15.5#
68	5.1	4.5	6.7

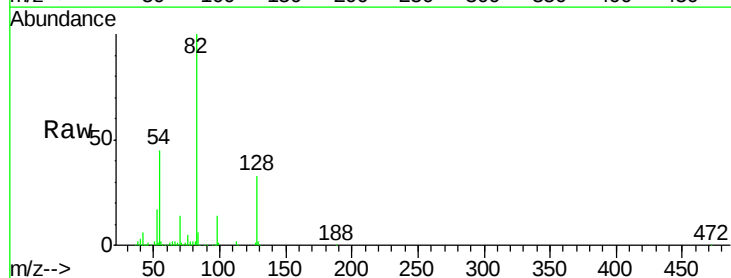


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

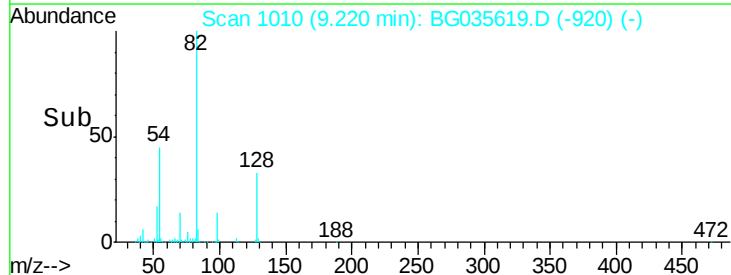
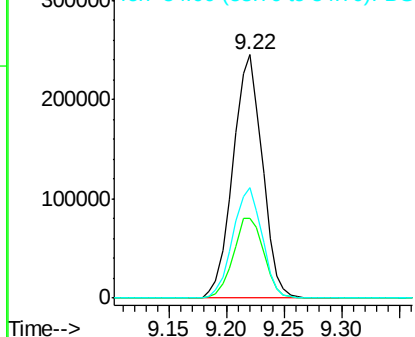


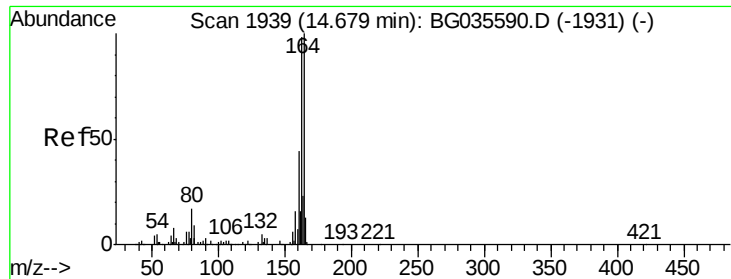
#23
Nitrobenzene-d5
Concen: 101.697 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:	82	Resp:	434205
Ion	Ratio	Lower	Upper
82	100		
128	32.5	29.7	44.5
54	45.4	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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-C

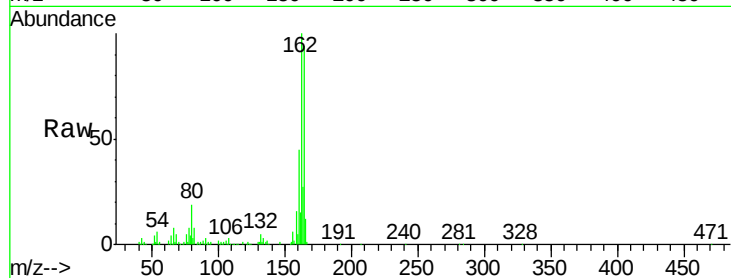
Tgt Ion:164 Resp: 126176

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

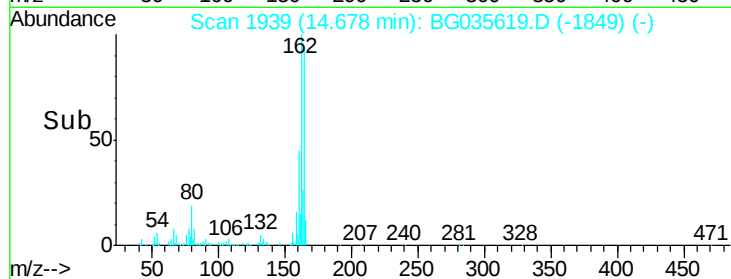
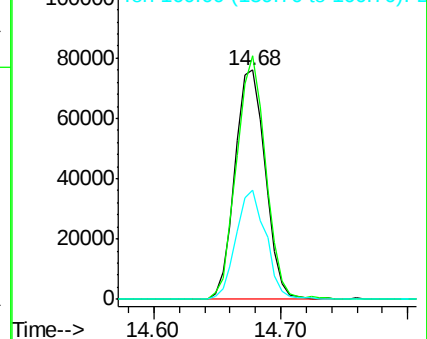
160 47.6 35.4 53.0



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: 159.486 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

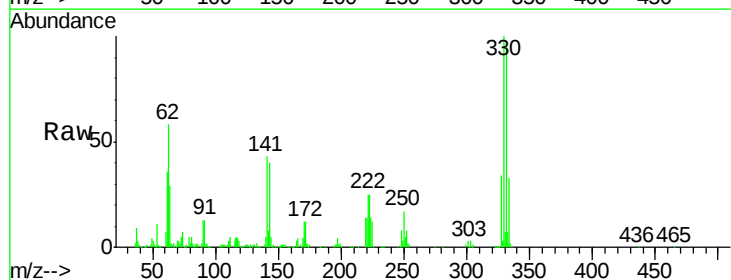
Tgt Ion:330 Resp: 265238

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

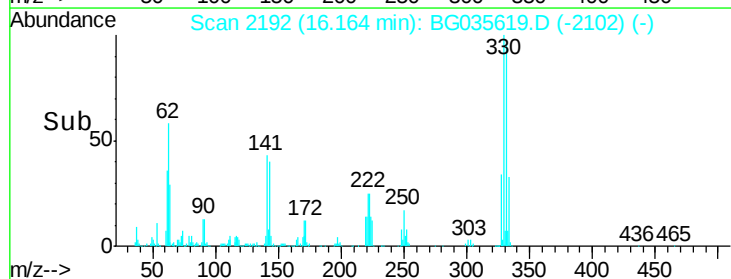
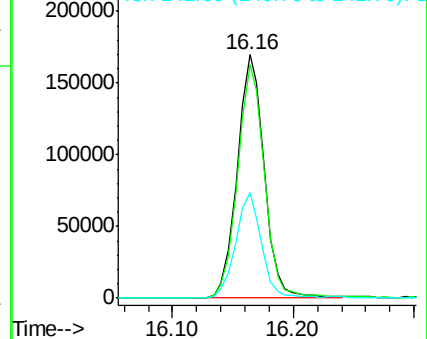
141 41.1 25.2 37.8#

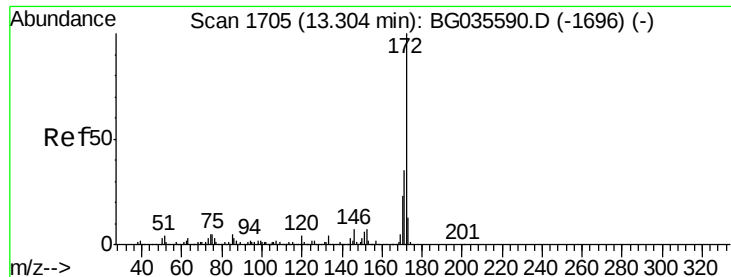


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

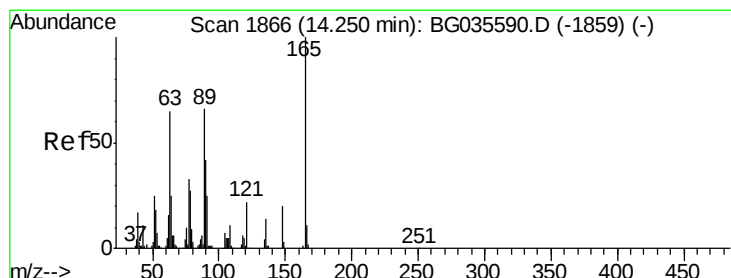
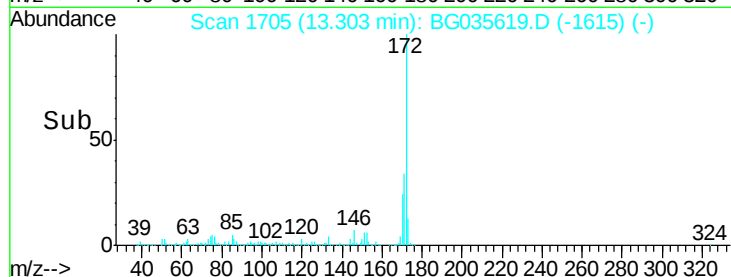
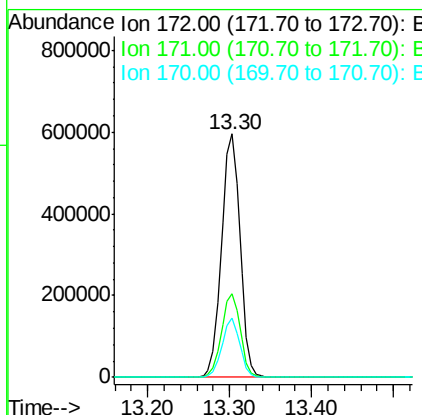
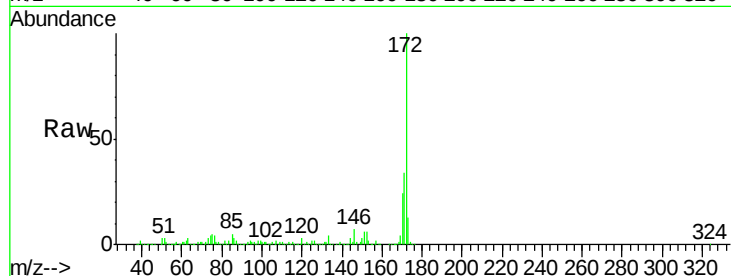




#44
2-Fluorobiphenyl
Concen: 100.037 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

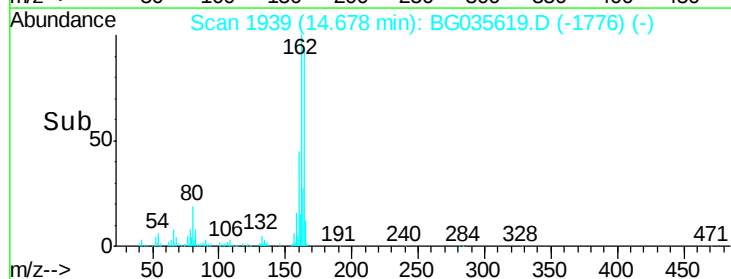
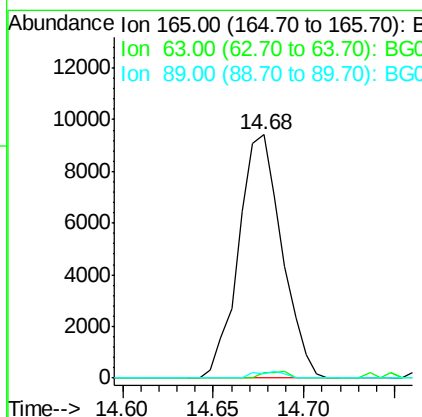
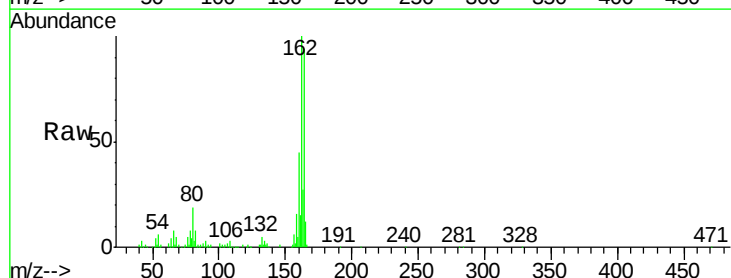
Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

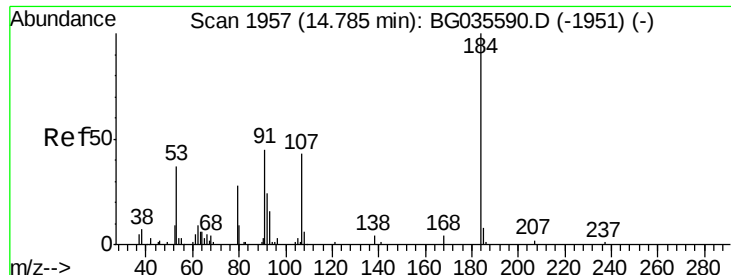
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	24.4	19.5	29.3



#50
2,6-Dinitrotoluene
Concen: 6.938 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.43 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	1.9	49.2	73.8#

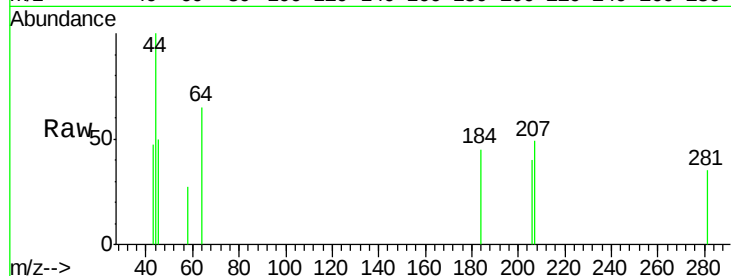




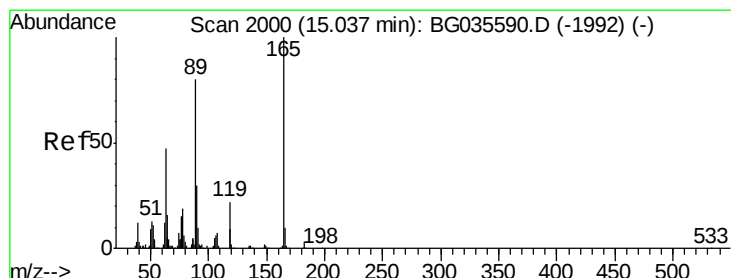
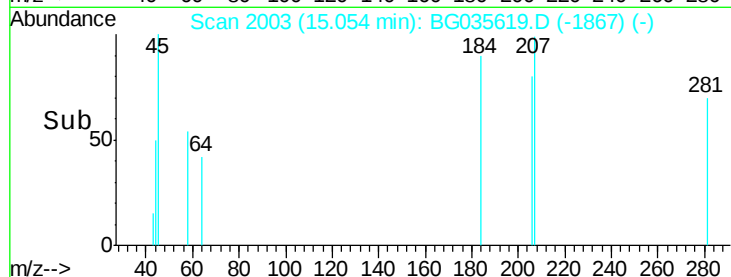
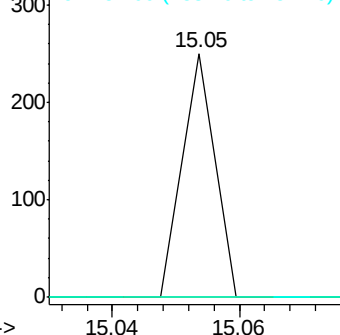
#53
2,4-Dinitrophenol
Concen: 6.652 ng
RT: 15.05 min Scan# 2003
Delta R.T. 0.27 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-C

Tgt Ion:184 Resp: 88
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#

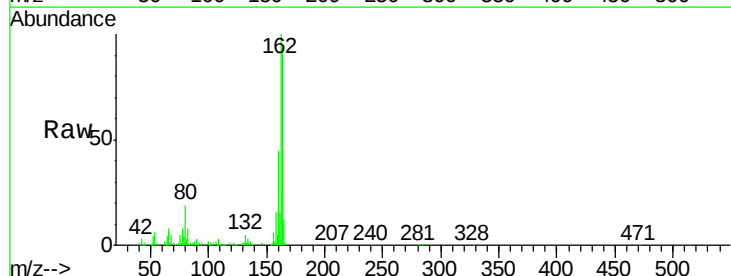


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

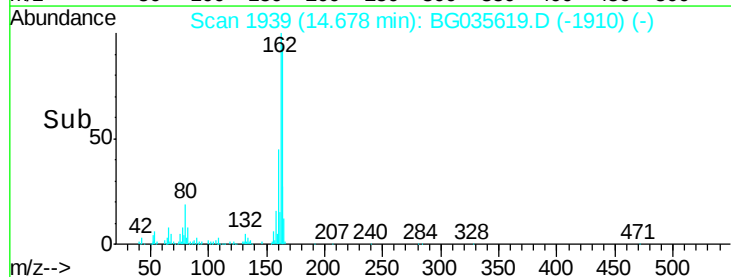
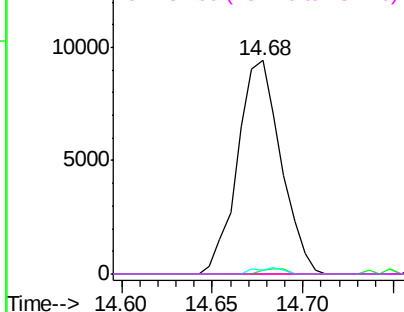


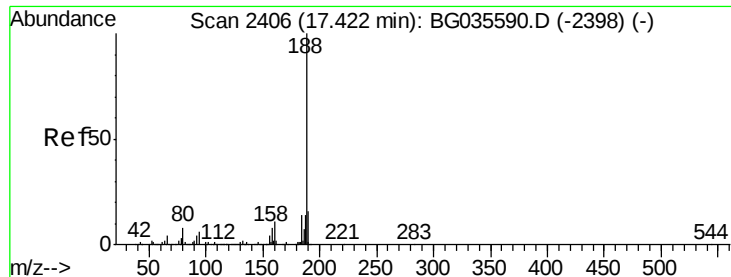
#56
2,4-Dinitrotoluene
Concen: 4.836 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.36 min
Lab File: BG035619.D
Acq: 13 Jul 2018 7:33

Tgt Ion:165 Resp: 15619
Ion Ratio Lower Upper
165 100
63 2.1 42.0 63.0#
89 1.9 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# 2405

Delta R.T. -0.01 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-C

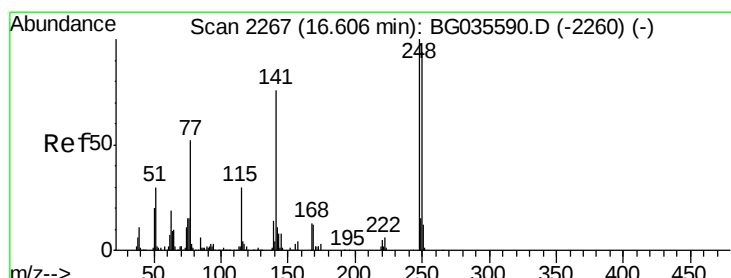
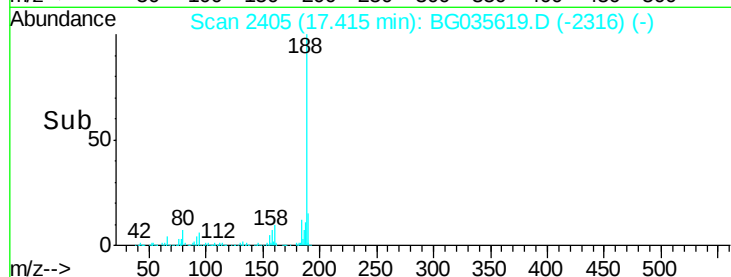
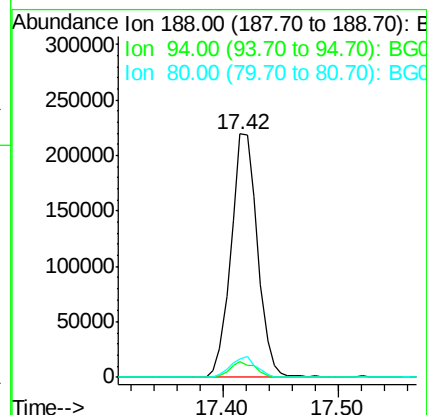
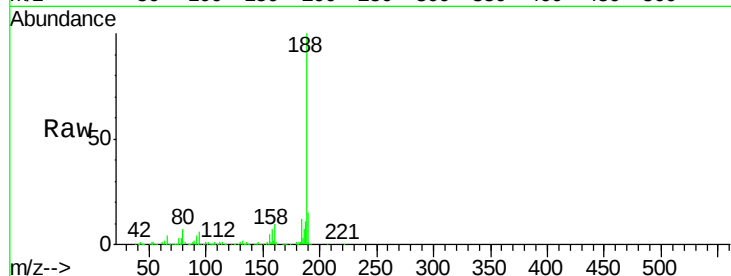
Tgt Ion:188 Resp: 349012

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

80 7.3 7.7 11.5#



#66

4-Bromophenyl-phenylether

Concen: 5.305 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.44 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

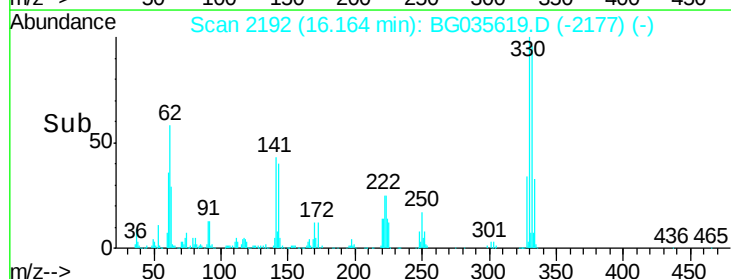
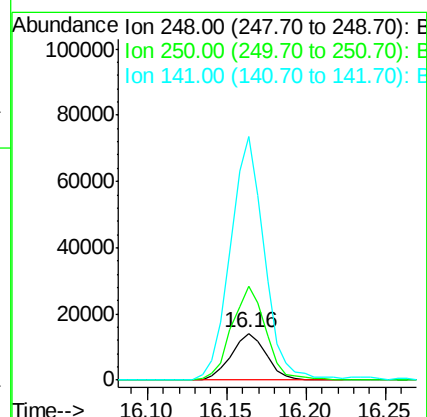
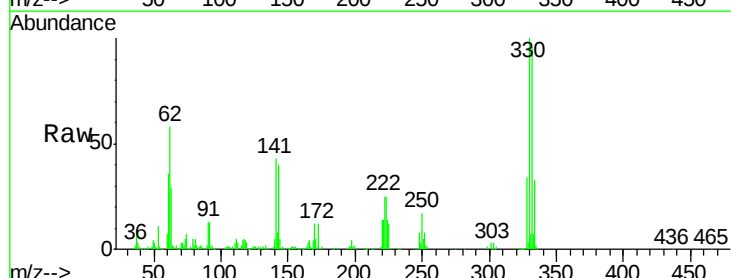
Tgt Ion:248 Resp: 21482

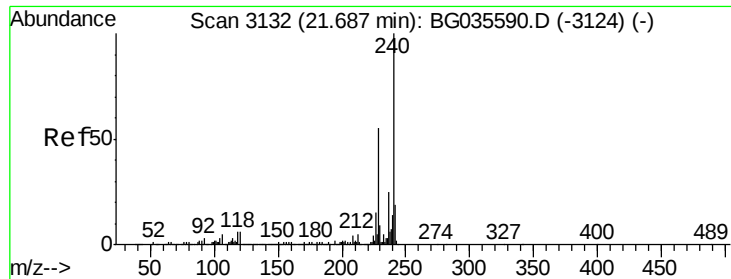
Ion Ratio Lower Upper

248 100

250 200.4 77.1 115.7#

141 521.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-C

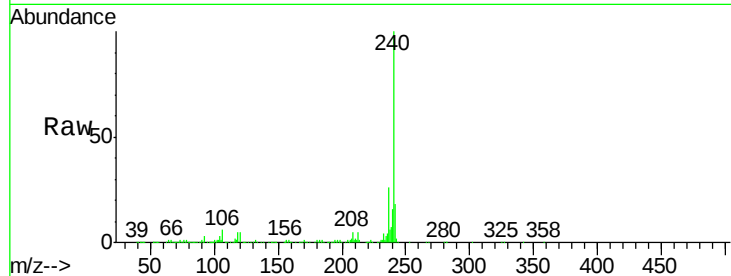
Tgt Ion:240 Resp: 376047

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

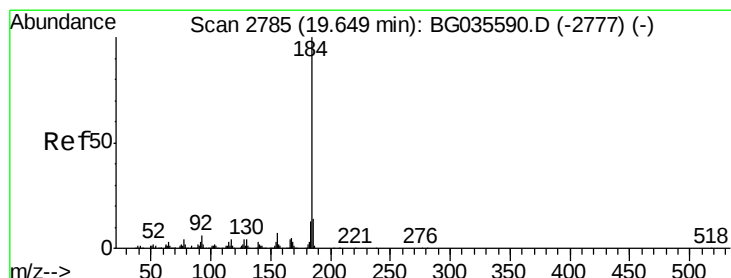
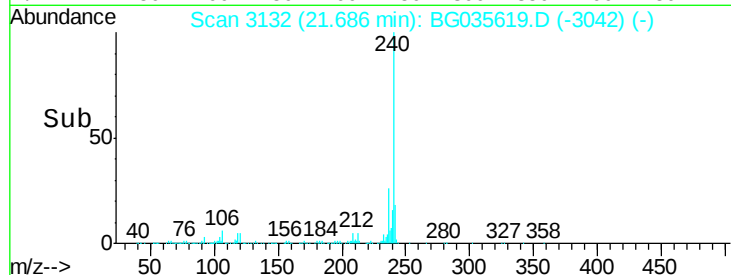
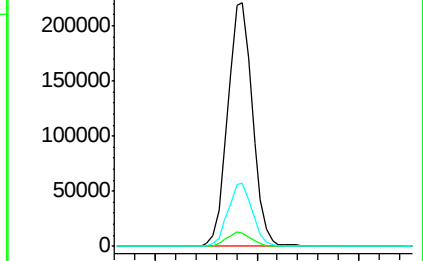
236 25.9 20.9 31.3



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



#76

Benzidine

Concen: 5.294 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

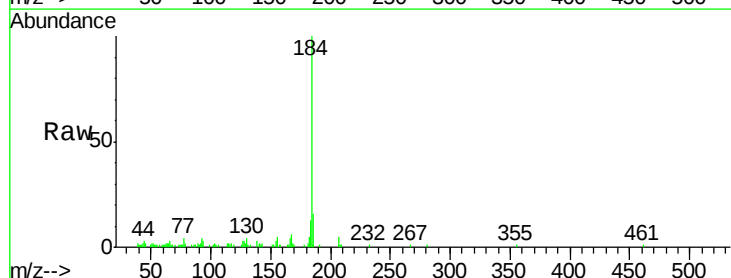
Tgt Ion:184 Resp: 52343

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

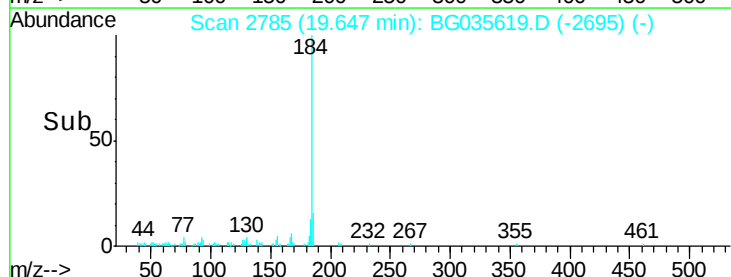
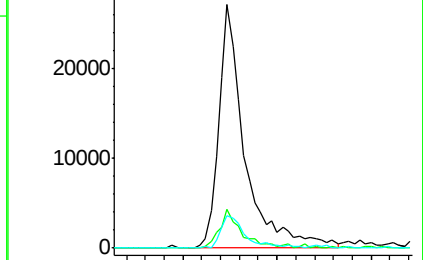
183 13.3 10.6 16.0

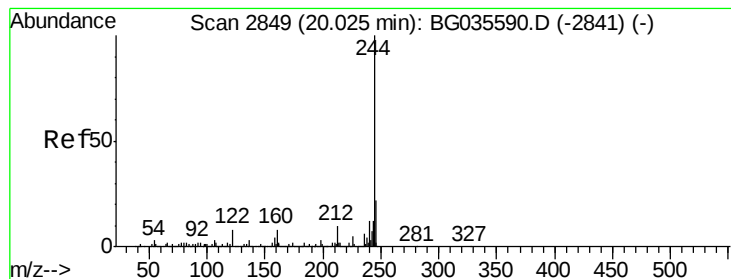


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 98.837 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-C

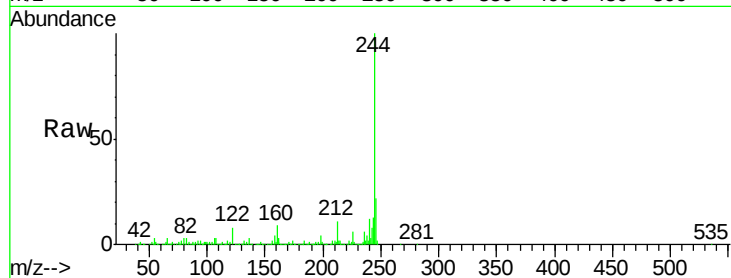
Tgt Ion:244 Resp: 1686129

Ion Ratio Lower Upper

244 100

212 10.5 5.8 8.8#

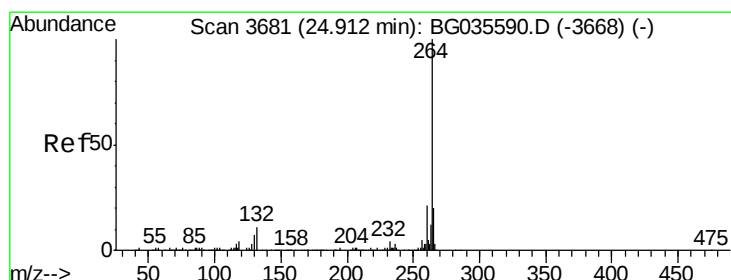
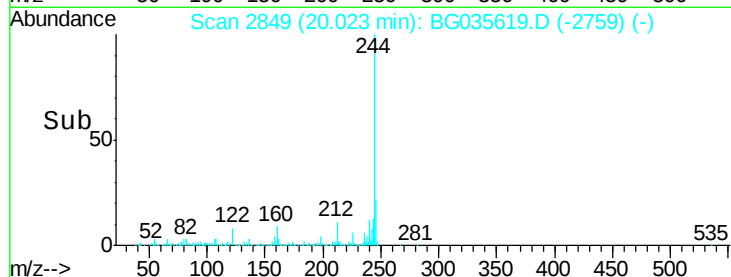
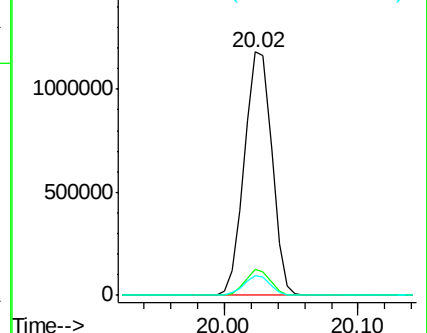
122 7.8 7.0 10.4



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: 24.90 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035619.D

Acq: 13 Jul 2018 7:33

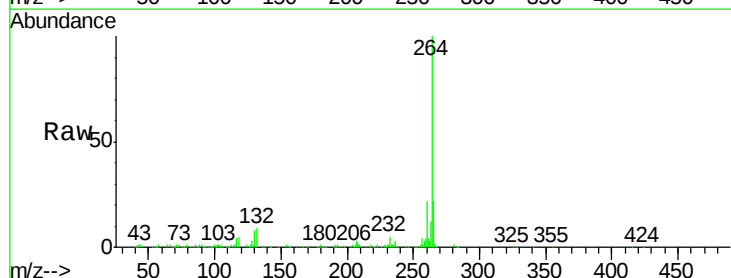
Tgt Ion:264 Resp: 341890

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.2 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

