

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035689.D
 Acq On : 17 Jul 2018 19:13
 Operator : JU/SJ
 Sample : J3829-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-B

Quant Time: Jul 18 01:10:45 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

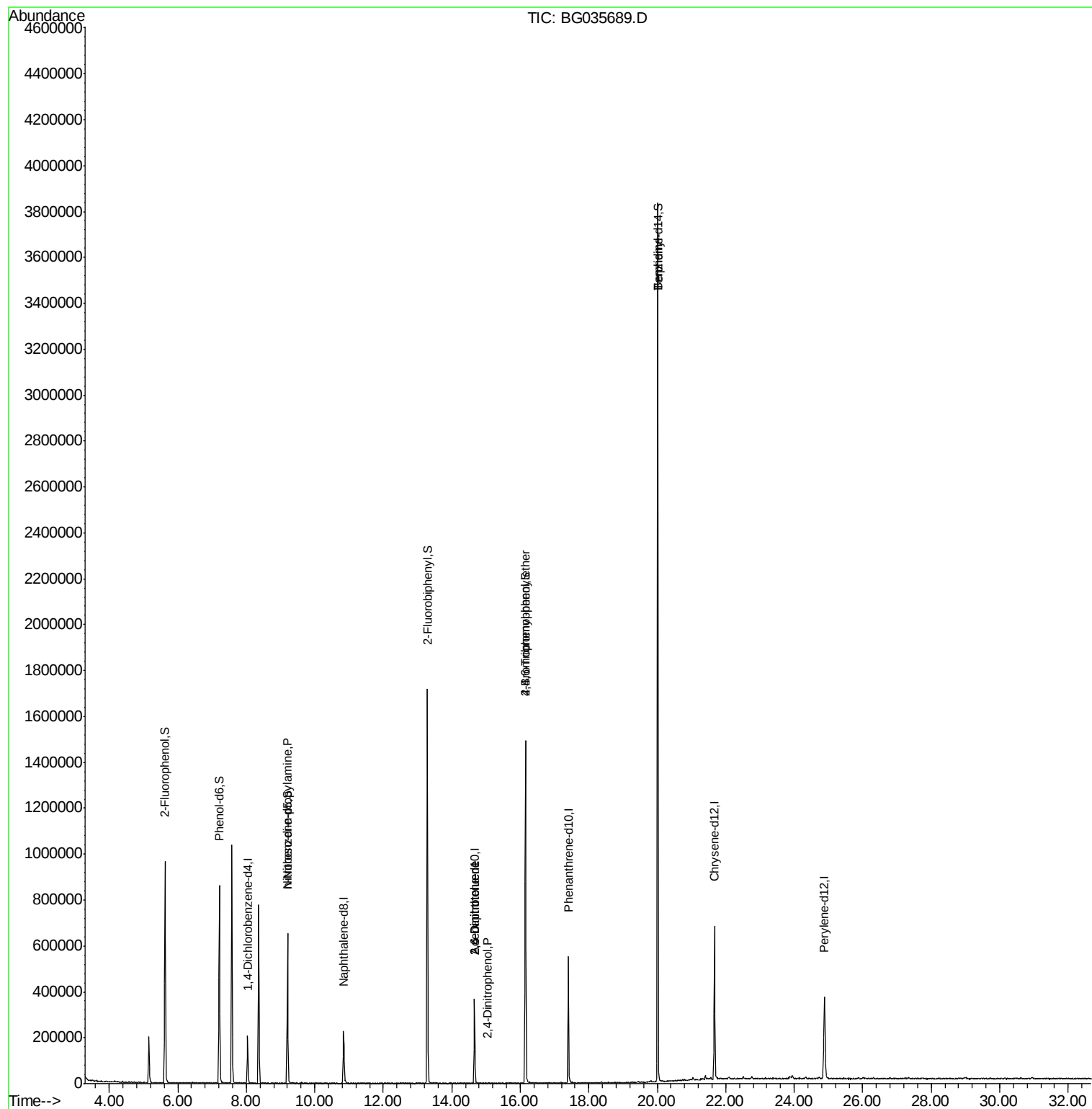
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57655	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	195213	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	130261	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	359348	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	432960	20.00	ng	-0.01
86) Perylene-d12	24.88	264	420285	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	423877	122.06	ng	0.00
7) Phenol-d6	7.21	99	536629	103.57	ng	0.00
23) Nitrobenzene-d5	9.20	82	435716	93.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	272931	158.97	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	904359	93.01	ng	-0.02
78) Terphenyl-d14	20.02	244	1835363	93.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	60349	13.832	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	17625	7.584	ng	# 21
53) 2,4-Dinitrophenol	15.05	184	59	6.628	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	17625	5.286	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	21459	5.147	ng	# 1
76) Benzidine	20.02	184	32664	2.870	ng	97

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

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QLast Update : Thu Jul 12 14:43:32 2018
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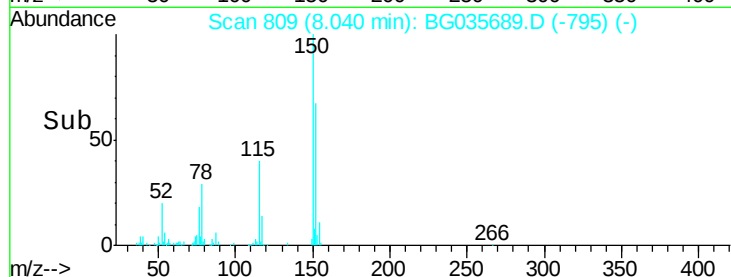
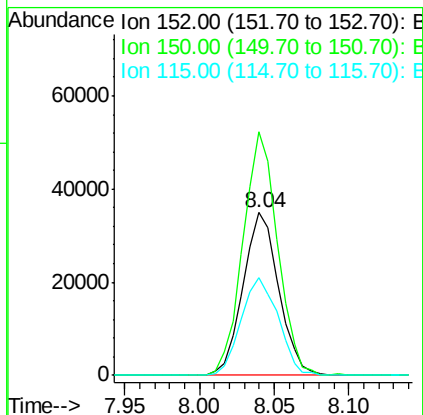
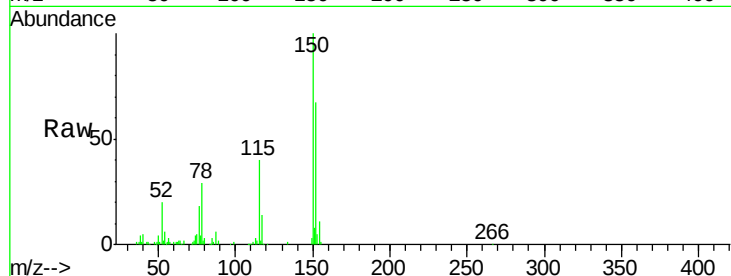


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-B

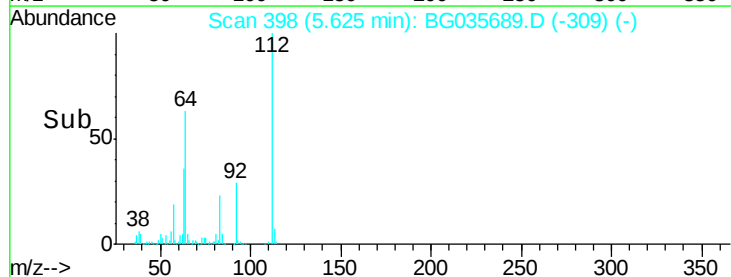
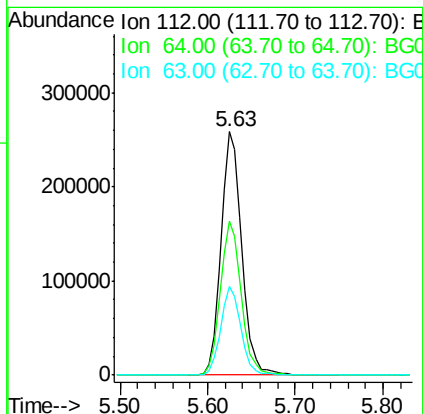
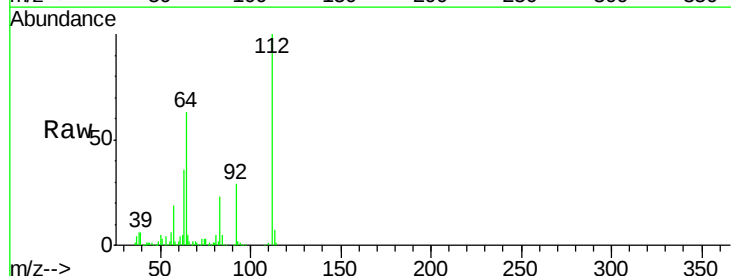
Tgt Ion:152 Resp: 57655
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 60.1 53.0 79.4

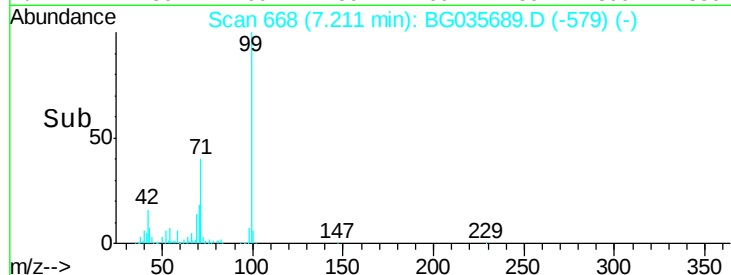
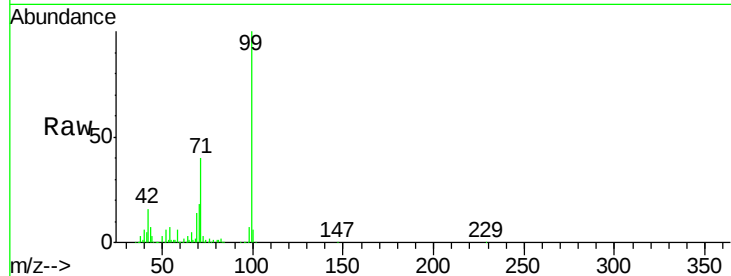


#5

2-Fluorophenol
Concen: 122.060 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

Tgt Ion:112 Resp: 423877
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 103.572 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-B

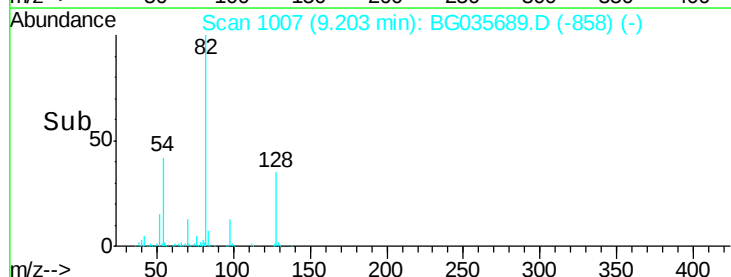
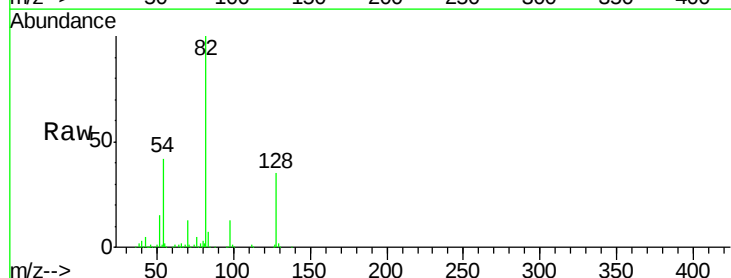
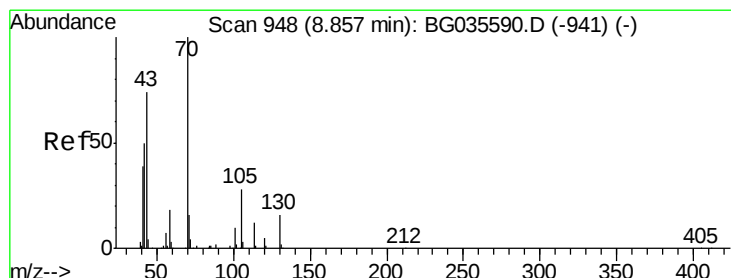
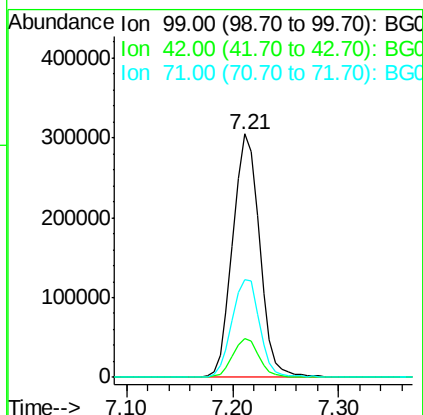
Tgt Ion: 99 Resp: 536629

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 40.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.832 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

Tgt Ion: 70 Resp: 60349

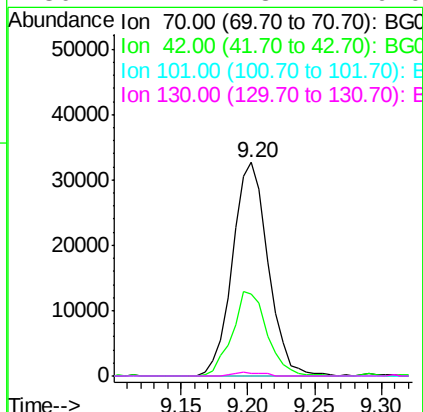
Ion Ratio Lower Upper

70 100

42 38.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.4 13.4 20.0#

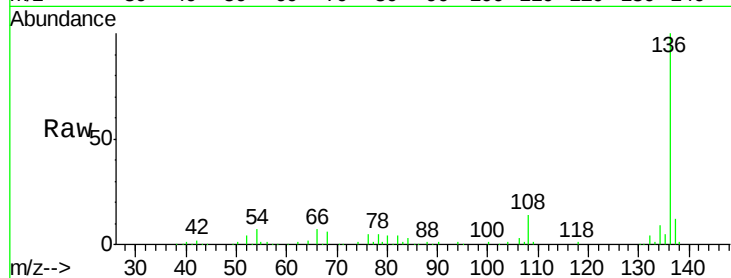




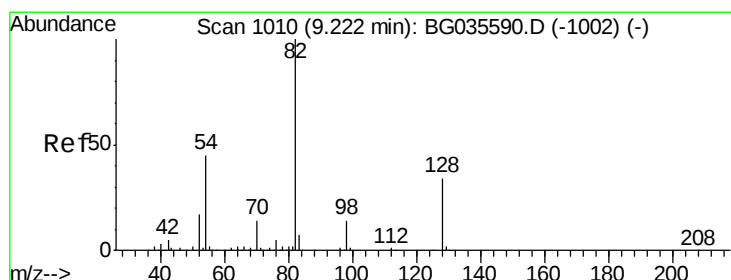
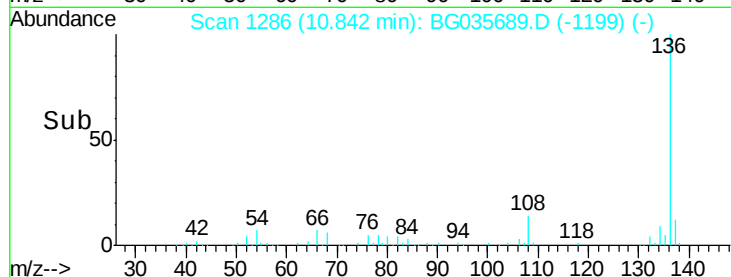
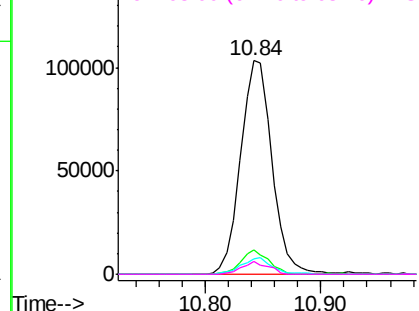
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

Instrument :
BNA_G
ClientSampleId :
PL-01-071318-B

Tgt Ion:	136	Resp:	195213
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.0	10.3	15.5#
68	5.8	4.5	6.7

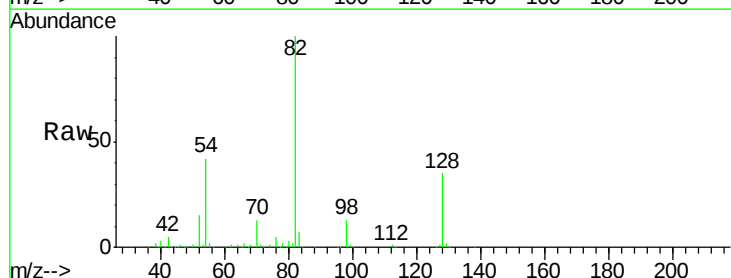


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

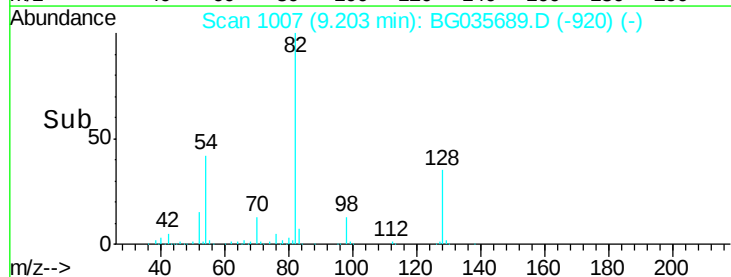
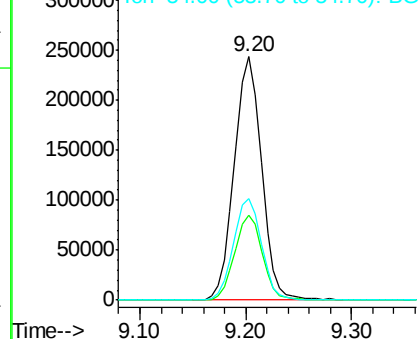


#23
Nitrobenzene-d5
Concen: 93.241 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

Tgt Ion:	82	Resp:	435716
Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.7	44.5
54	41.7	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: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-B

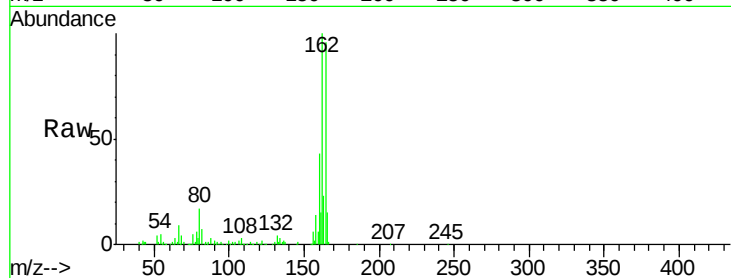
Tgt Ion:164 Resp: 130261

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

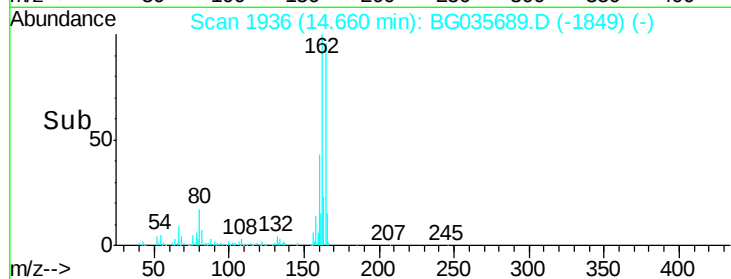
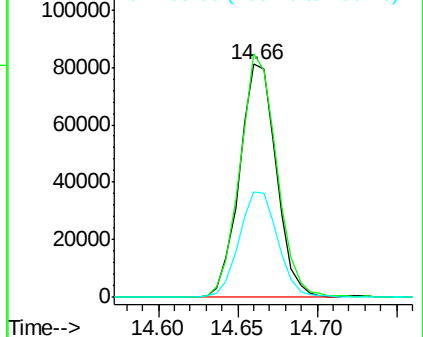
160 45.3 35.4 53.0



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: 158.965 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

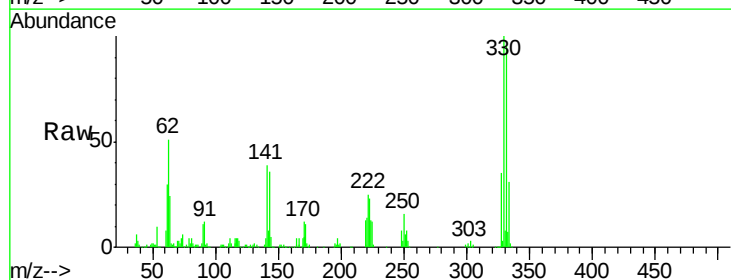
Tgt Ion:330 Resp: 272931

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

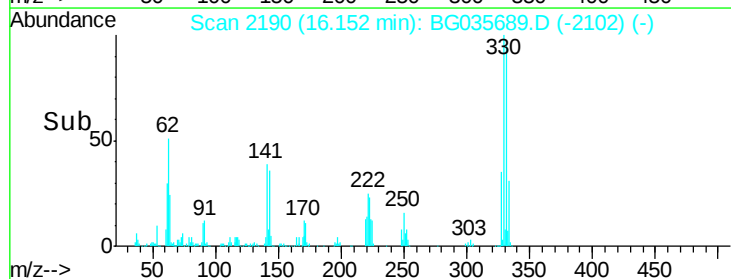
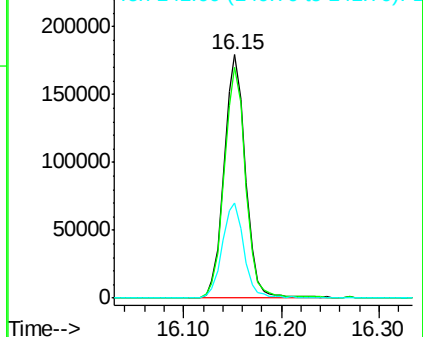
141 39.5 25.2 37.8#

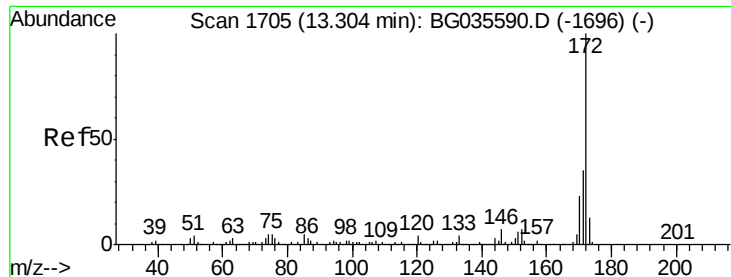


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

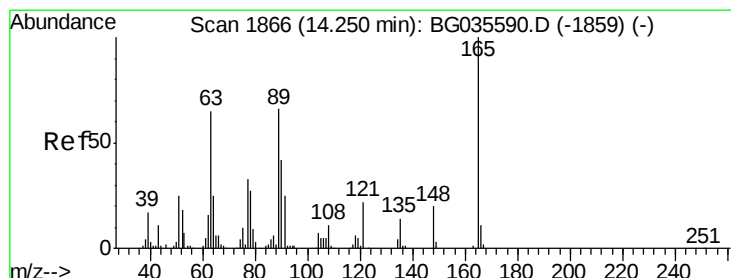
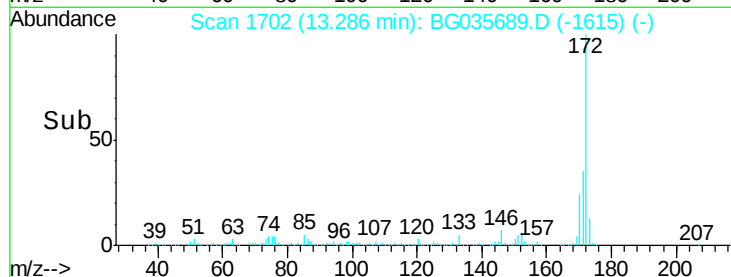
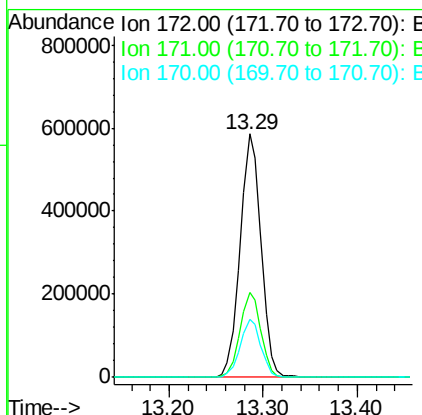
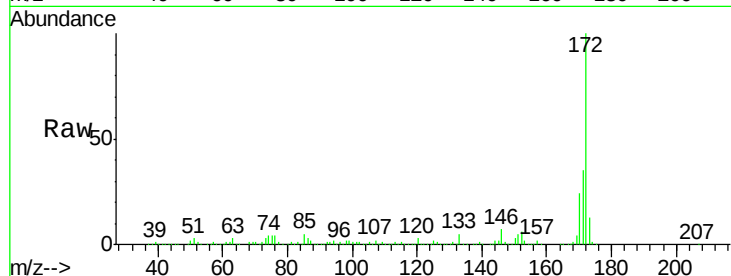




#44
 2-Fluorobiphenyl
 Concen: 93.014 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035689.D
 Acq: 17 Jul 2018 19:13

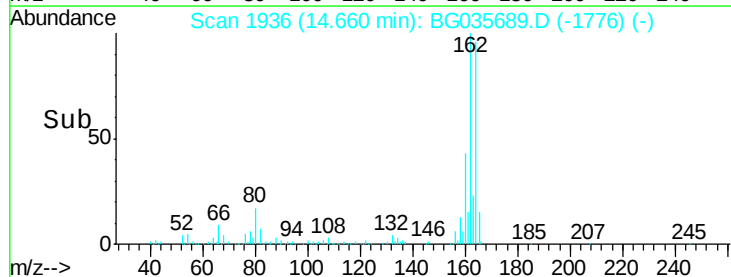
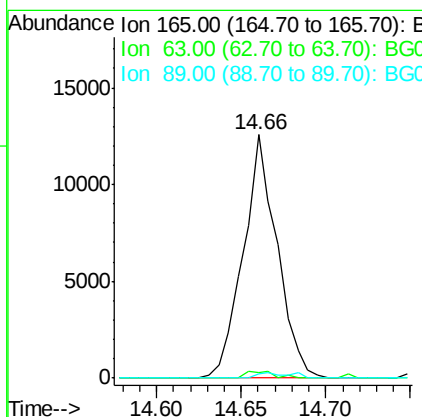
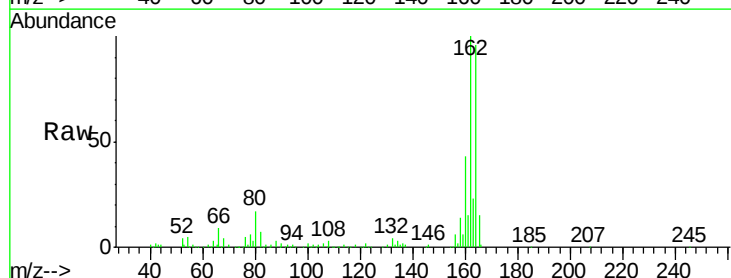
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-071318-B

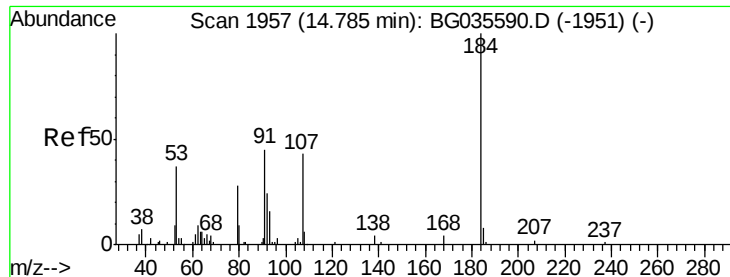
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.6	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.584 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.41 min
 Lab File: BG035689.D
 Acq: 17 Jul 2018 19:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	52.7	79.1#
89	1.6	49.2	73.8#

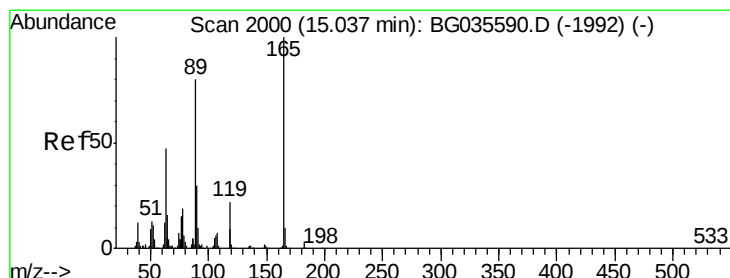
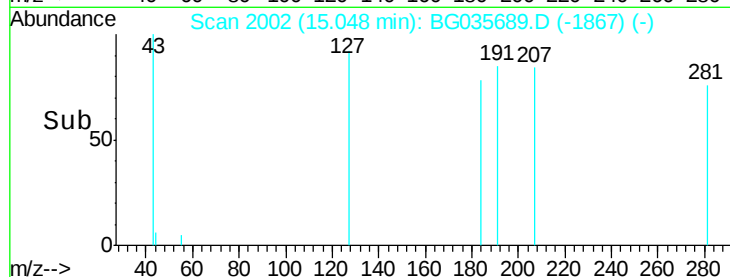
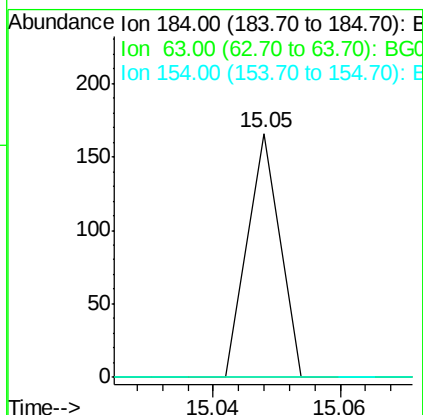
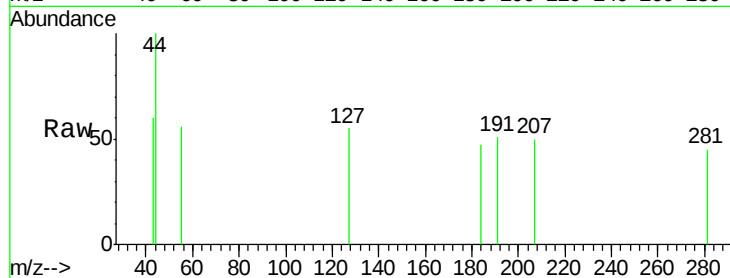




#53
2,4-Dinitrophenol
Concen: 6.628 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.26 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

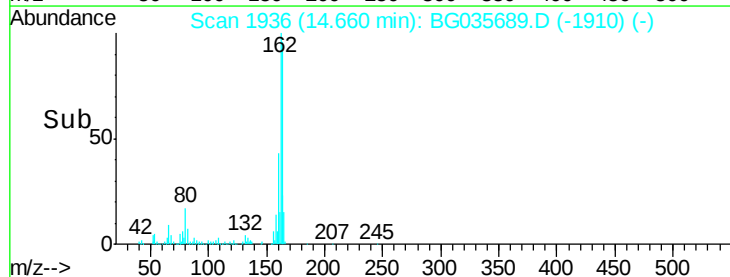
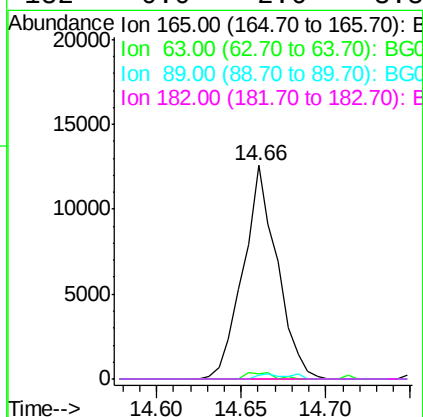
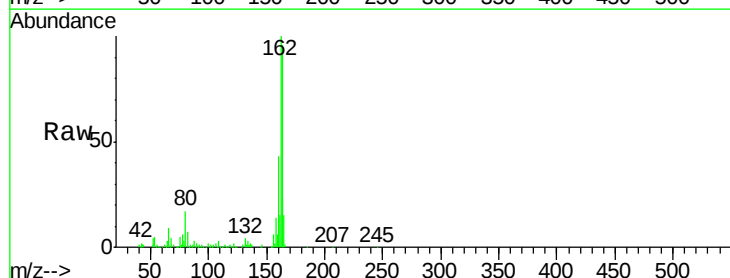
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PL-01-071318-B

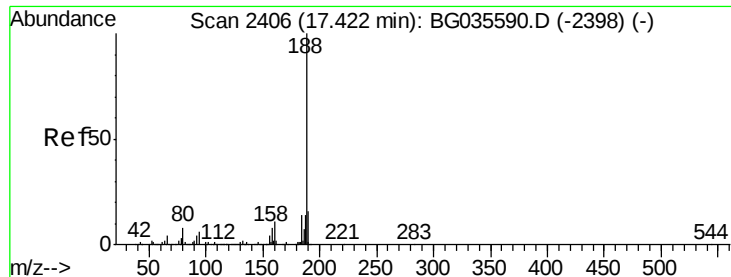
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.286 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.38 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

Tgt Ion:165 Resp: 17625
Ion Ratio Lower Upper
165 100
63 2.1 42.0 63.0#
89 1.6 66.9 100.3#
182 0.0 2.6 3.8#

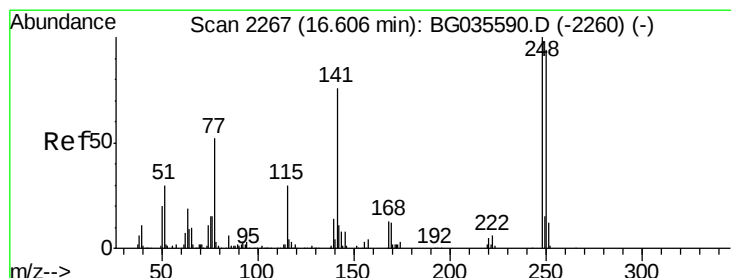
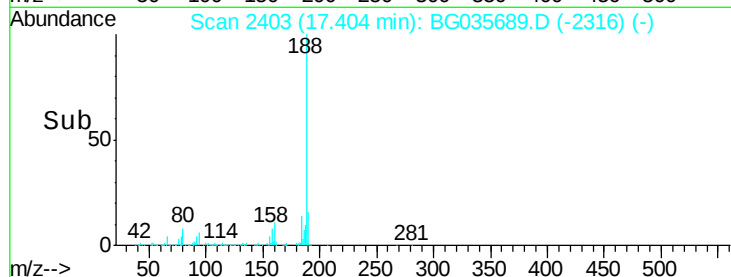
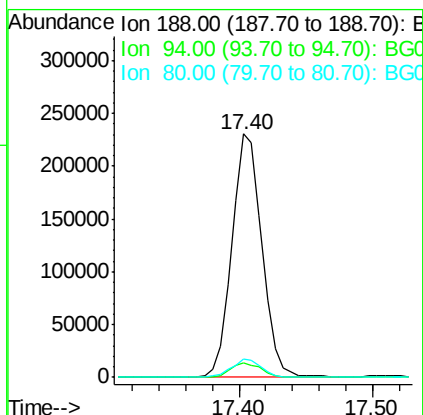
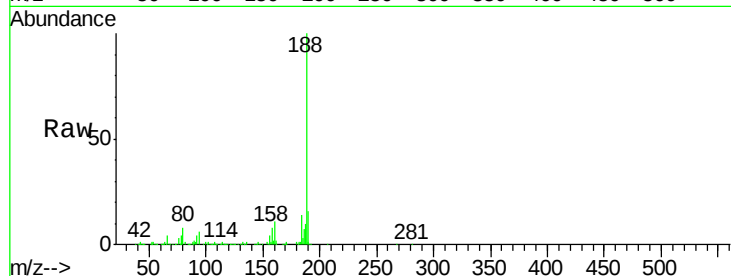




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

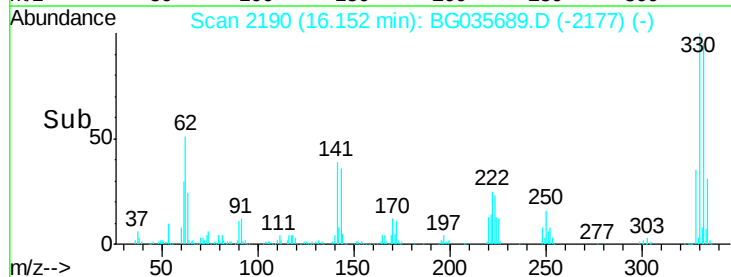
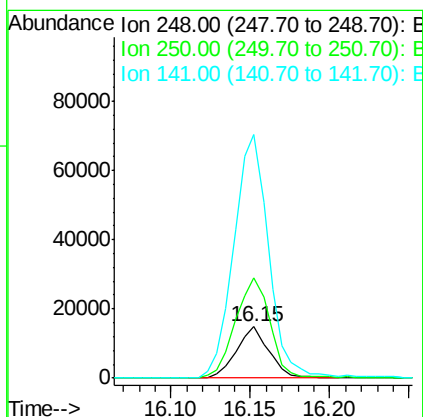
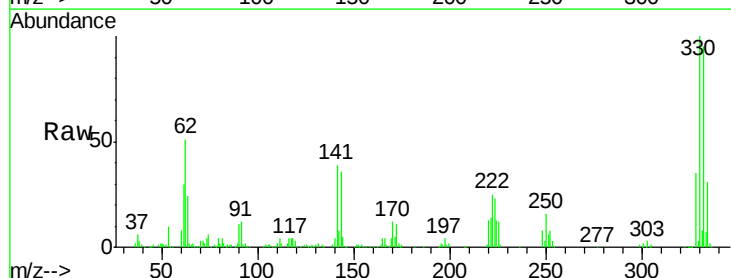
Instrument :
BNA_G
ClientSampleId :
PL-01-071318-B

Tgt Ion:188 Resp: 359348
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 7.8 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 5.147 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG035689.D
Acq: 17 Jul 2018 19:13

Tgt Ion:248 Resp: 21459
Ion Ratio Lower Upper
248 100
250 194.1 77.1 115.7#
141 473.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-B

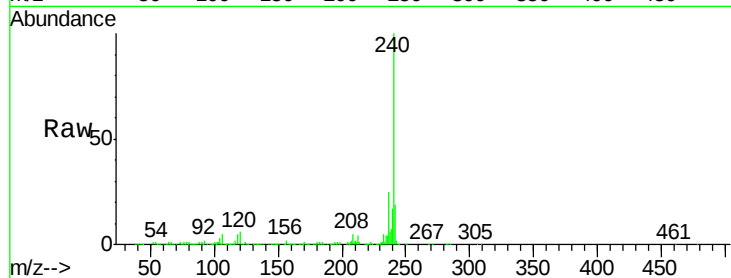
Tgt Ion:240 Resp: 432960

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

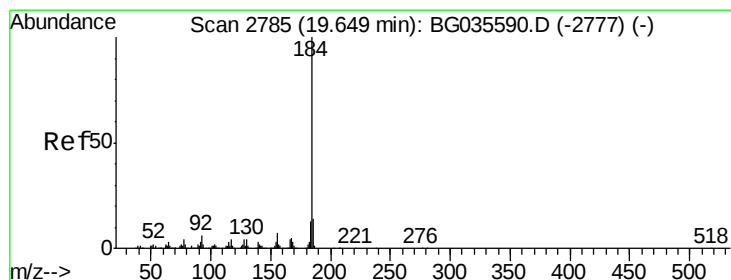
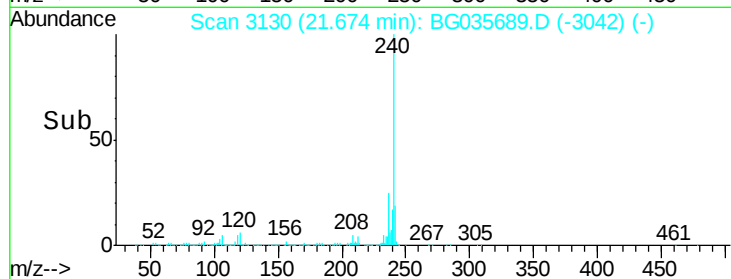
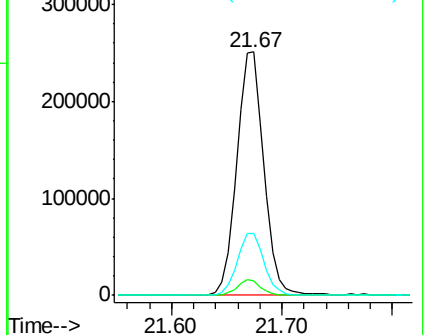
236 25.2 20.9 31.3



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: 2.870 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

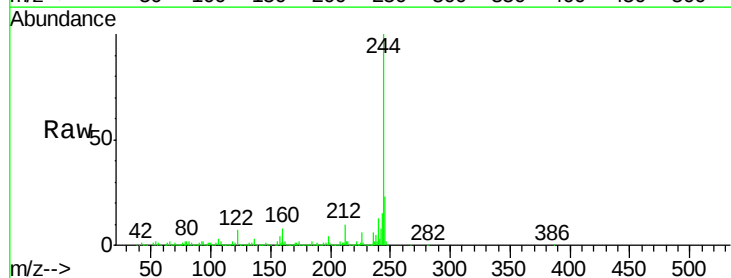
Tgt Ion:184 Resp: 32664

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

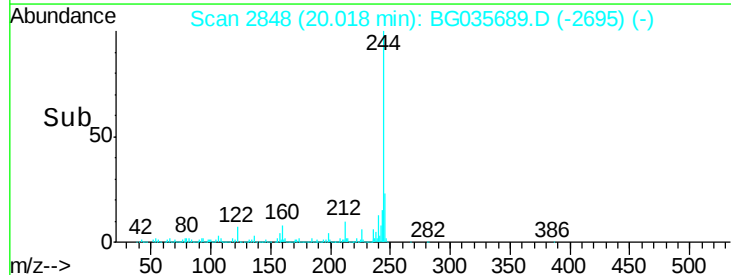
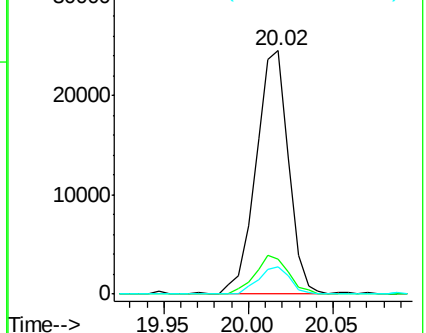
183 11.2 10.6 16.0

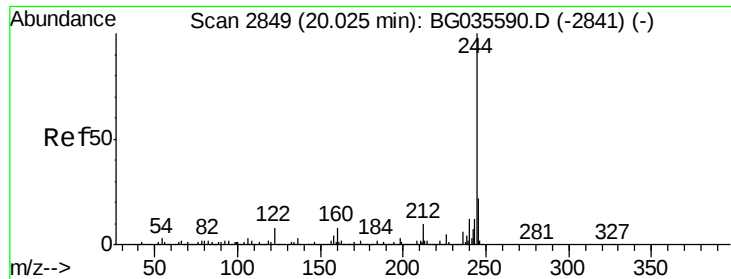


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 93.443 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

Instrument :

BNA_G

ClientSampleId :

PL-01-071318-B

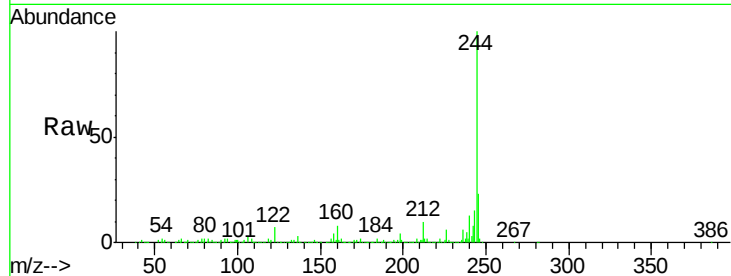
Tgt Ion:244 Resp: 1835363

Ion Ratio Lower Upper

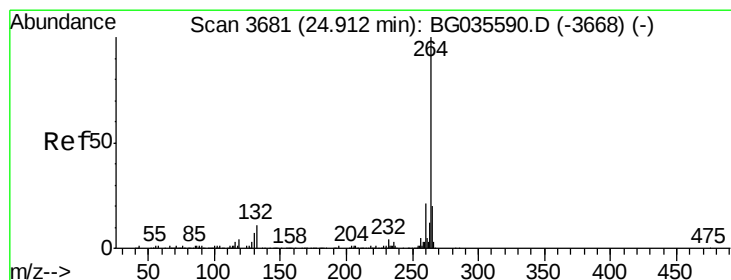
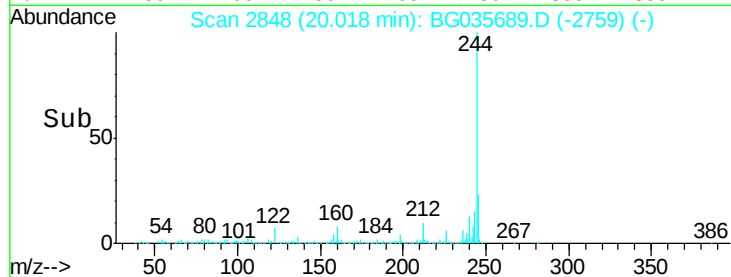
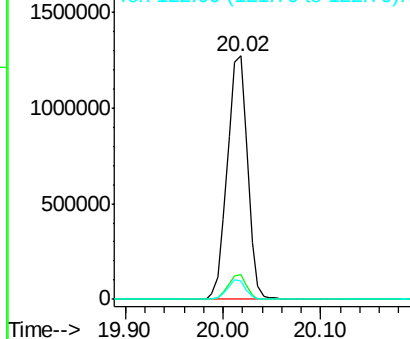
244 100

212 10.1 5.8 8.8#

122 7.5 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: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035689.D

Acq: 17 Jul 2018 19:13

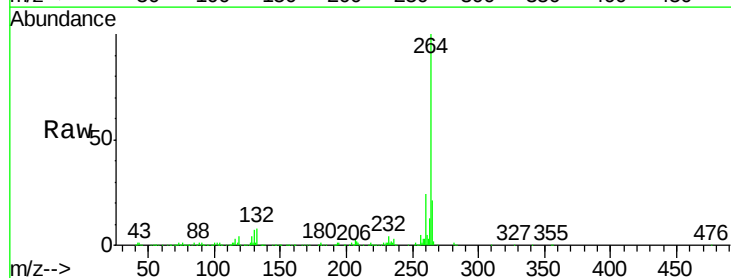
Tgt Ion:264 Resp: 420285

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 21.0 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

