

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035685.D
 Acq On : 17 Jul 2018 16:36
 Operator : JU/SJ
 Sample : J3819-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-071318-B

Quant Time: Jul 18 01:10:02 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

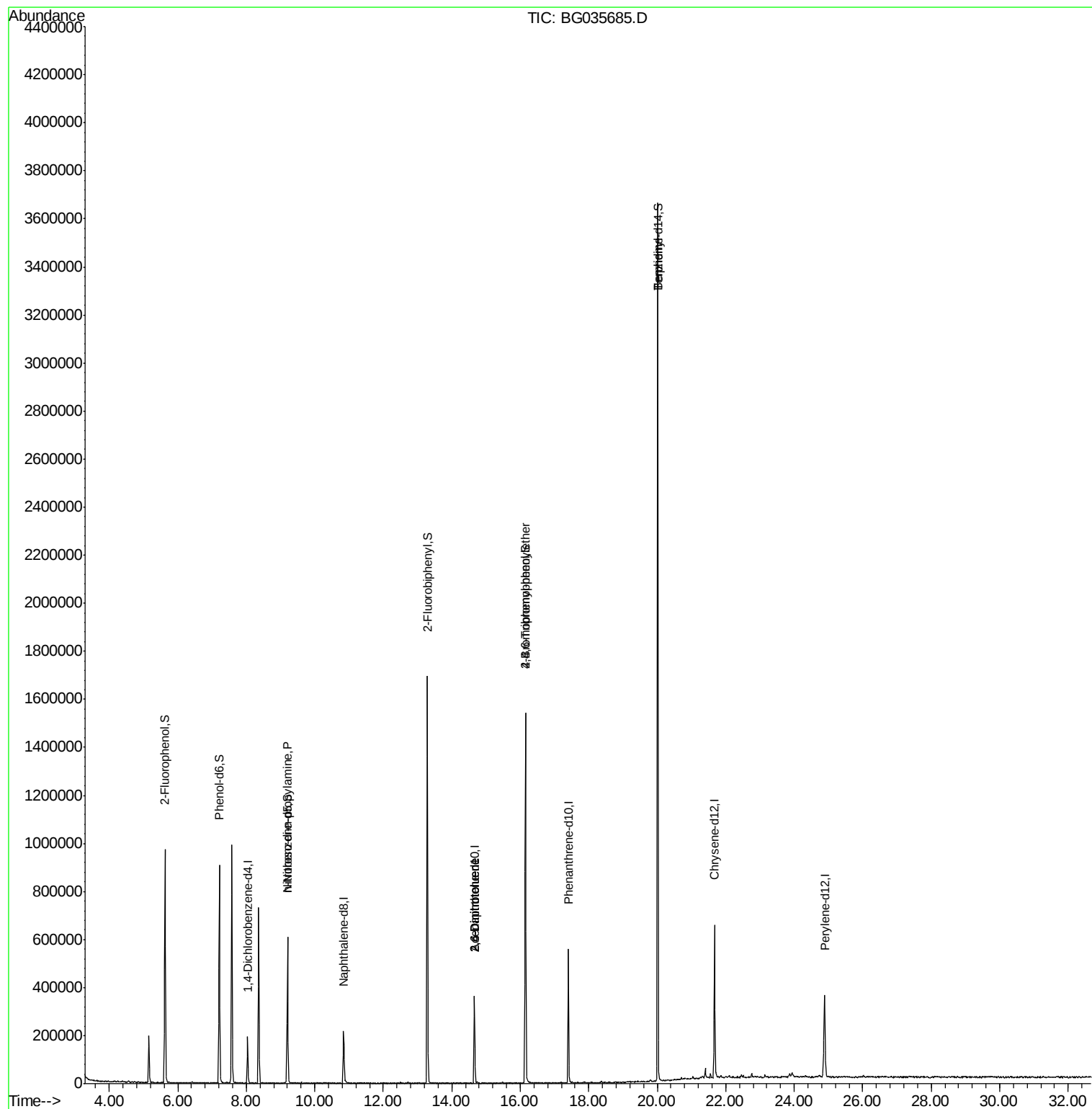
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54636	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	187110	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	129389	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	362232	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	408792	20.00	ng	-0.01
86) Perylene-d12	24.88	264	381159	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	420522	127.78	ng	0.00
7) Phenol-d6	7.21	99	553999	112.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	416644	93.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	280700	164.59	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	914359	94.68	ng	-0.02
78) Terphenyl-d14	20.02	244	1801143	97.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	58420	14.130	ng	# 68
50) 2,6-Dinitrotoluene	14.66	165	18167	7.870	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	18167	5.485	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	22796	5.424	ng	# 1
76) Benzidine	20.02	184	32360	3.011	ng	# 90

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

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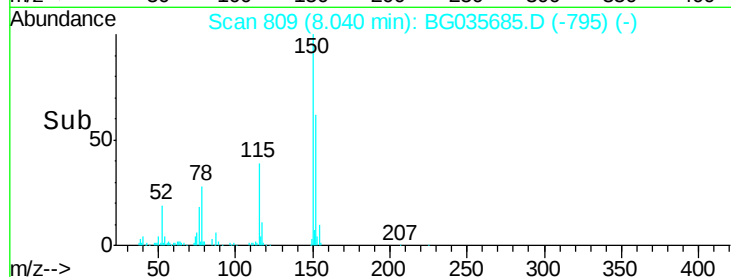
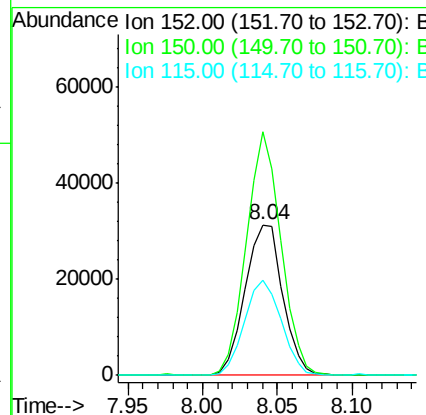
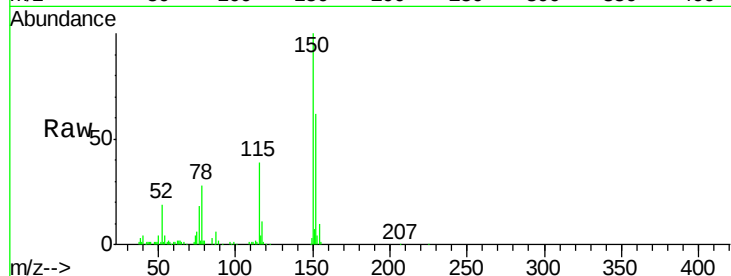


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035685.D
Acq: 17 Jul 2018 16:36

Instrument :
BNA_G
ClientSampleId :
AU-05-071318-B

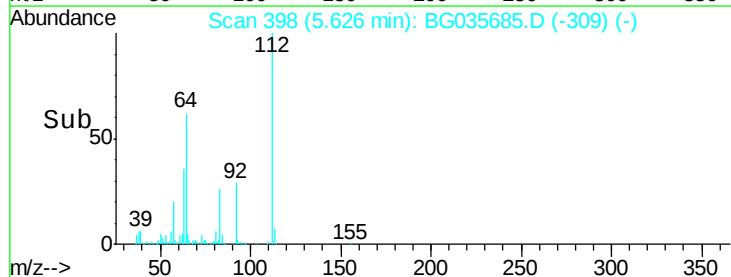
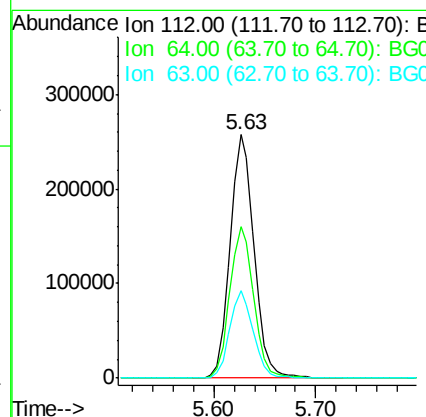
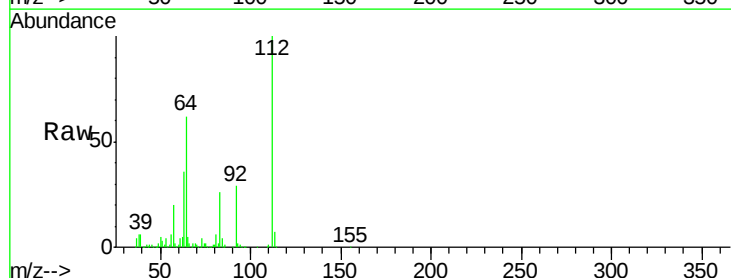
Tgt Ion:152 Resp: 54636
Ion Ratio Lower Upper
152 100
150 161.5 126.6 189.8
115 63.5 53.0 79.4

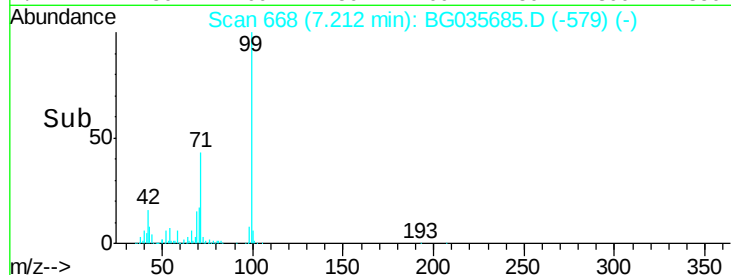
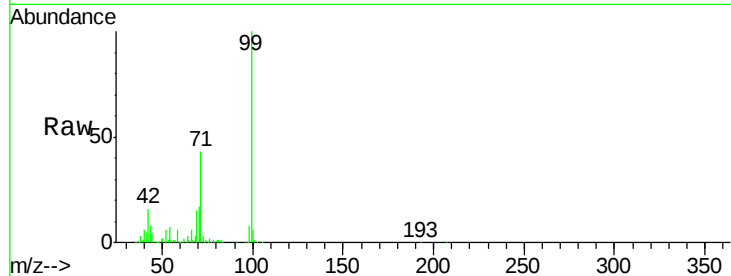


#5

2-Fluorophenol
Concen: 127.785 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035685.D
Acq: 17 Jul 2018 16:36

Tgt Ion:112 Resp: 420522
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 112.832 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035685.D

Acq: 17 Jul 2018 16:36

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-B

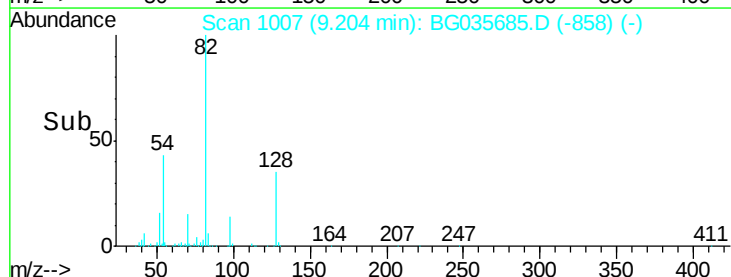
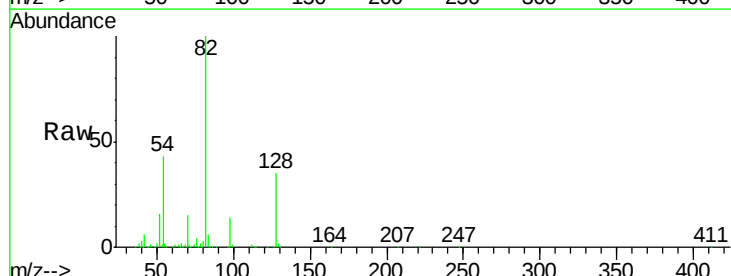
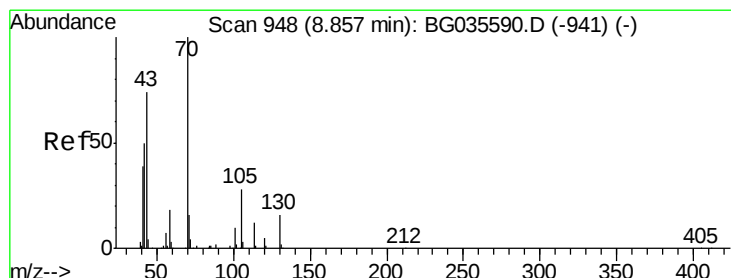
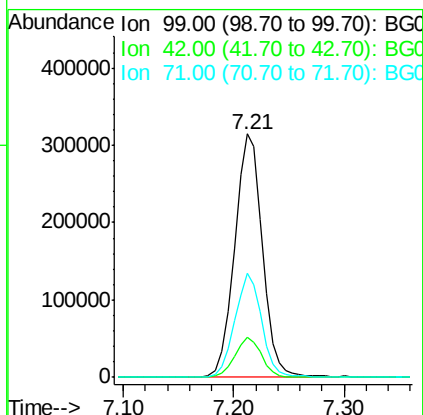
Tgt Ion: 99 Resp: 553999

Ion Ratio Lower Upper

99 100

42 16.2 14.1 21.1

71 42.9 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.130 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG035685.D

Acq: 17 Jul 2018 16:36

Tgt Ion: 70 Resp: 58420

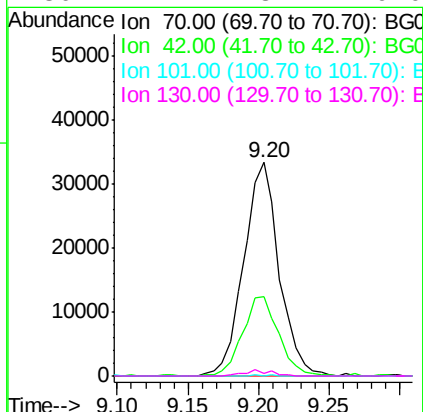
Ion Ratio Lower Upper

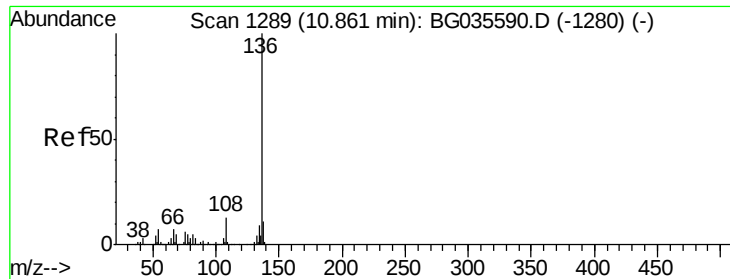
70 100

42 37.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.2 13.4 20.0#

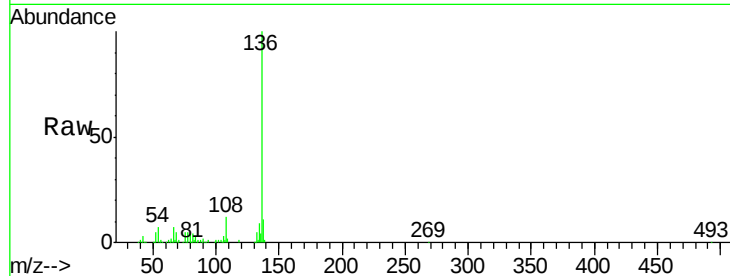




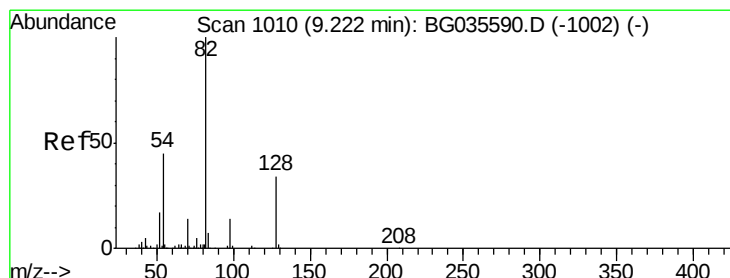
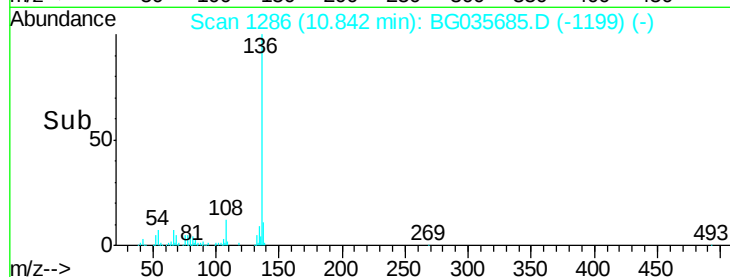
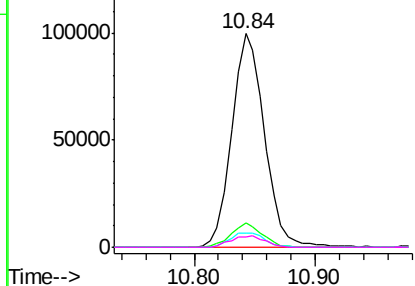
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035685.D
Acq: 17 Jul 2018 16:36

Instrument :
BNA_G
ClientSampleId :
AU-05-071318-B

Tgt Ion:	136	Resp:	187110
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.5	10.3	15.5#
68	5.0	4.5	6.7

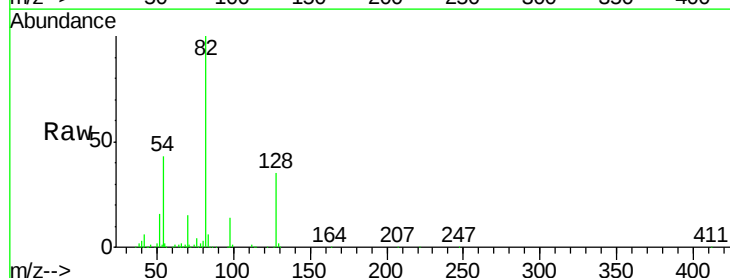


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

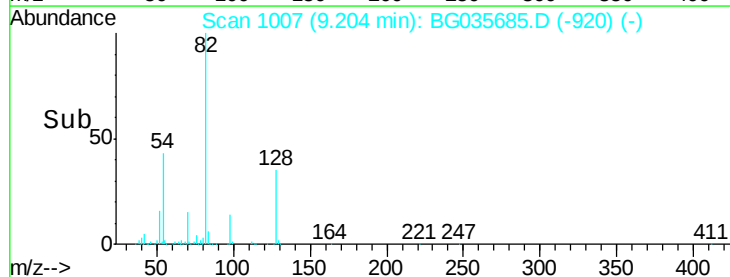
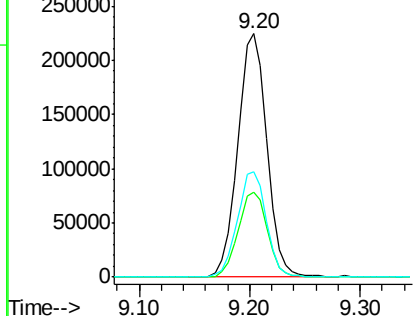


#23
Nitrobenzene-d5
Concen: 93.021 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035685.D
Acq: 17 Jul 2018 16:36

Tgt Ion:	82	Resp:	416644
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	43.1	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: BG035685.D

Acq: 17 Jul 2018 16:36

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-B

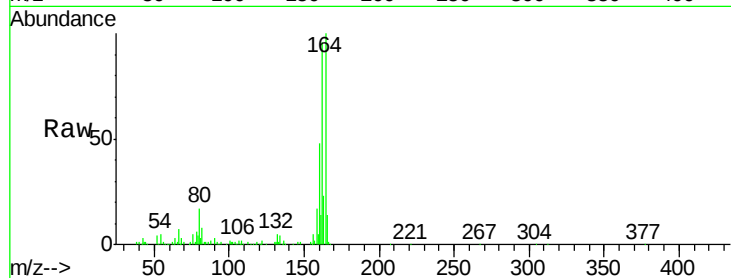
Tgt Ion:164 Resp: 129389

Ion Ratio Lower Upper

164 100

162 95.6 78.8 118.2

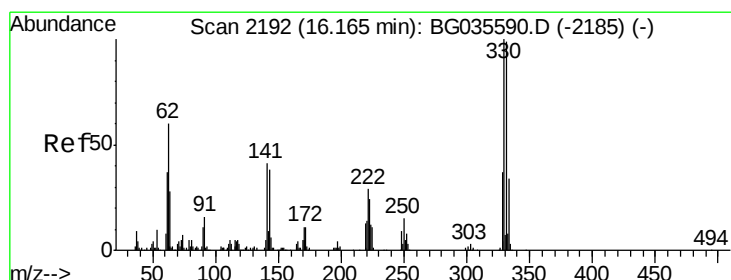
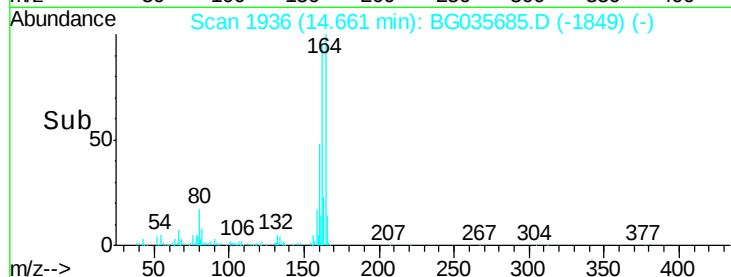
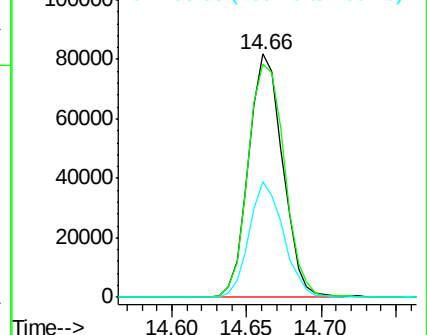
160 47.7 35.4 53.0



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: 164.592 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG035685.D

Acq: 17 Jul 2018 16:36

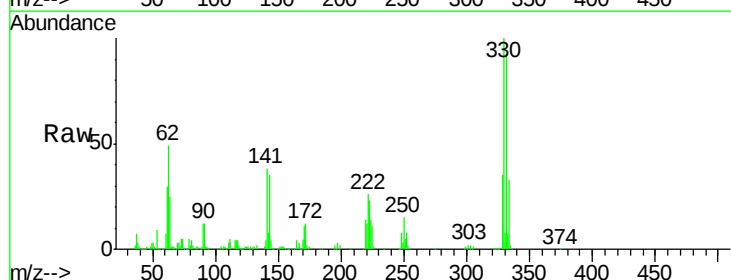
Tgt Ion:330 Resp: 280700

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

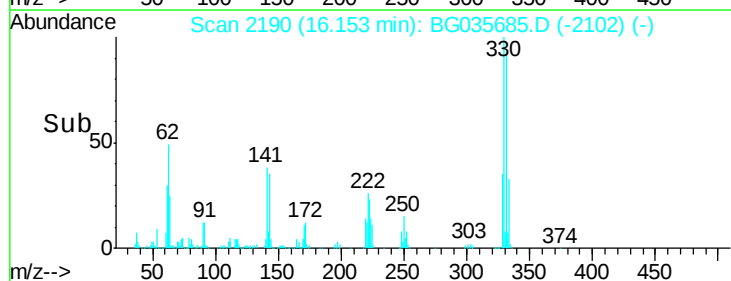
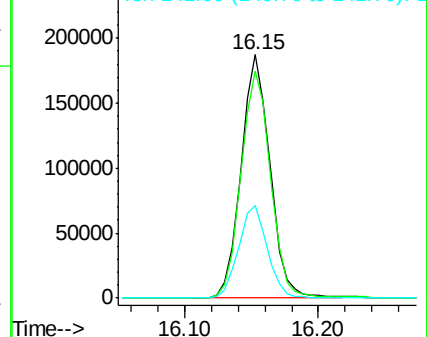
141 38.2 25.2 37.8#

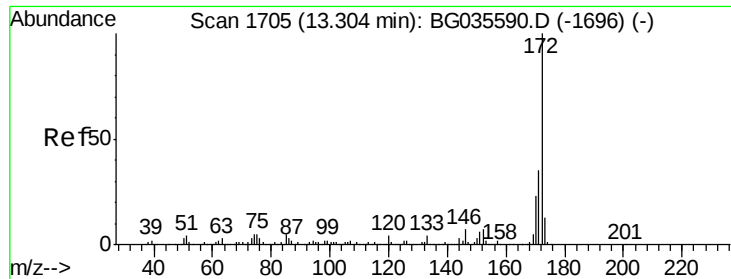


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 94.676 ng

RT: 13.29 min Scan# 1702

Delta R.T. -0.02 min

Lab File: BG035685.D

Acq: 17 Jul 2018 16:36

Instrument :

BNA_G

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AU-05-071318-B

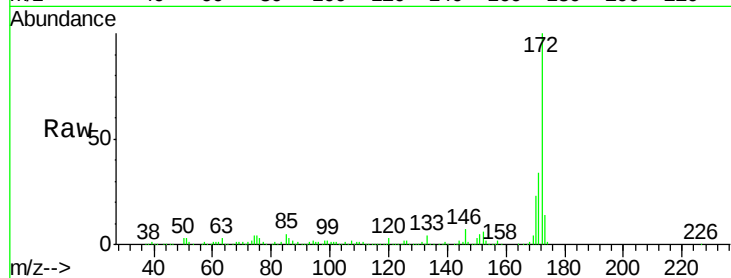
Tgt Ion:172 Resp: 914359

Ion Ratio Lower Upper

172 100

171 34.0 30.0 45.0

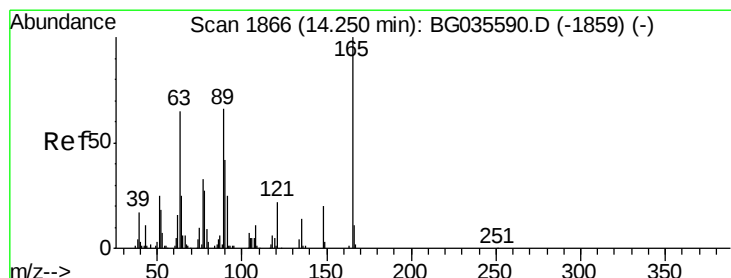
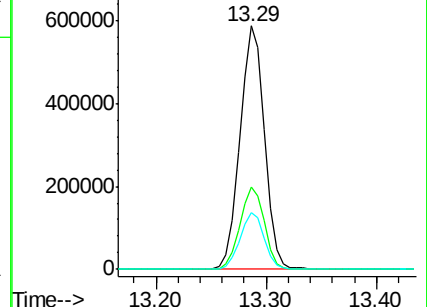
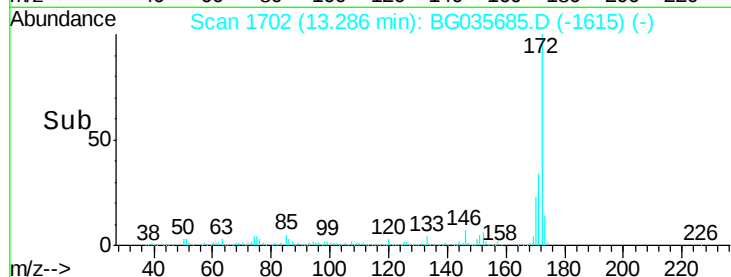
170 23.1 19.5 29.3



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



#50

2,6-Dinitrotoluene

Concen: 7.870 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.41 min

Lab File: BG035685.D

Acq: 17 Jul 2018 16:36

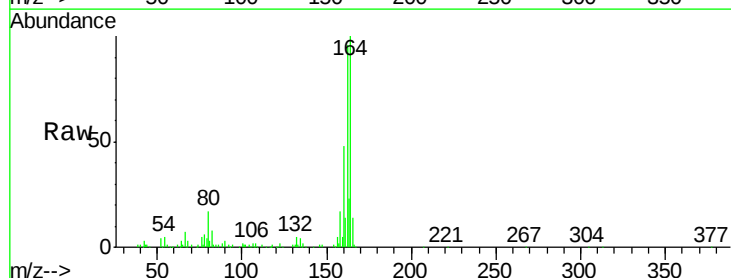
Tgt Ion:165 Resp: 18167

Ion Ratio Lower Upper

165 100

63 3.2 52.7 79.1#

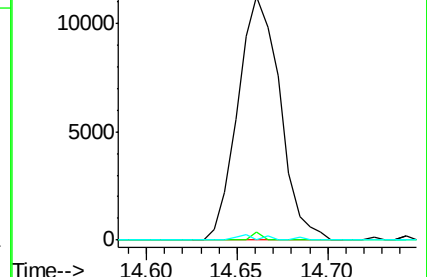
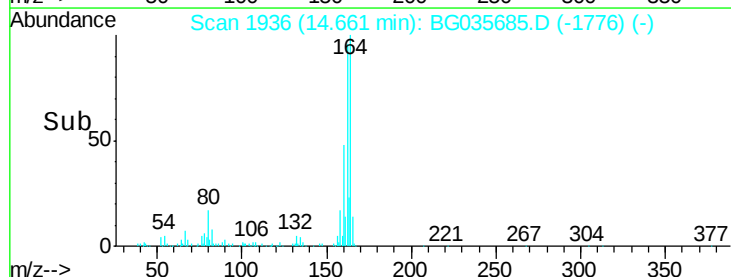
89 0.0 49.2 73.8#

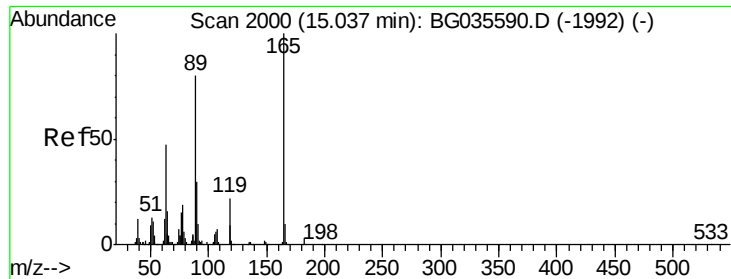


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

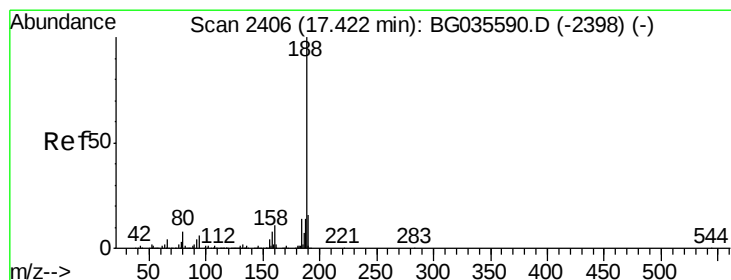
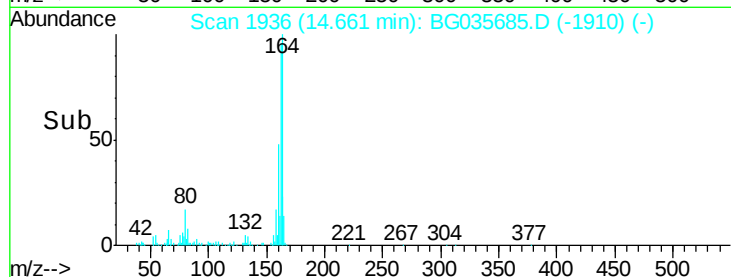
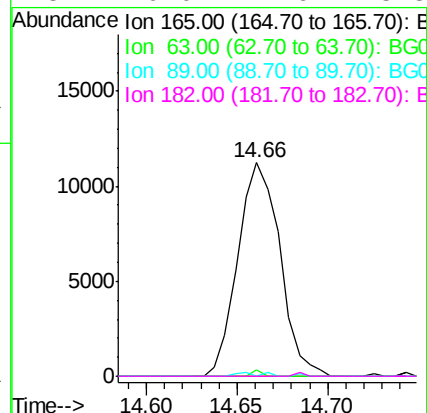
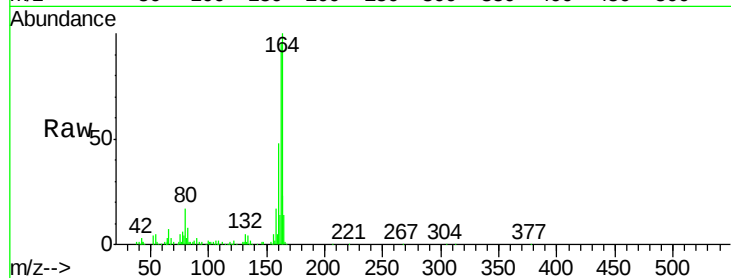




#56
 2,4-Dinitrotoluene
 Concen: 5.485 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.38 min
 Lab File: BG035685.D
 Acq: 17 Jul 2018 16:36

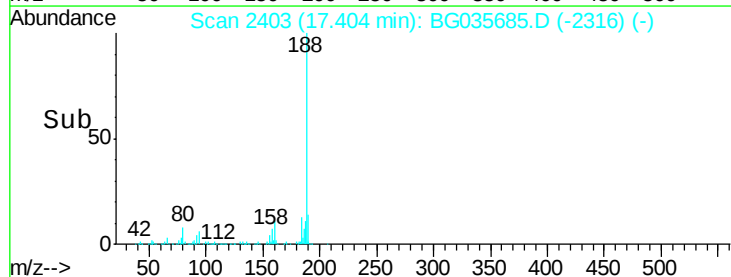
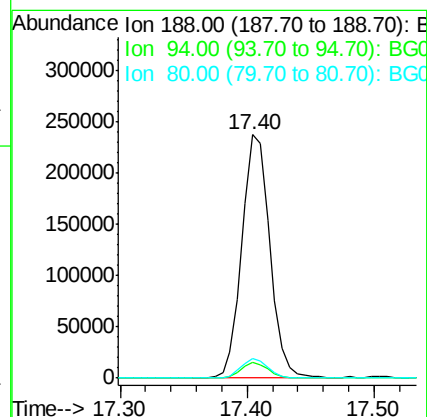
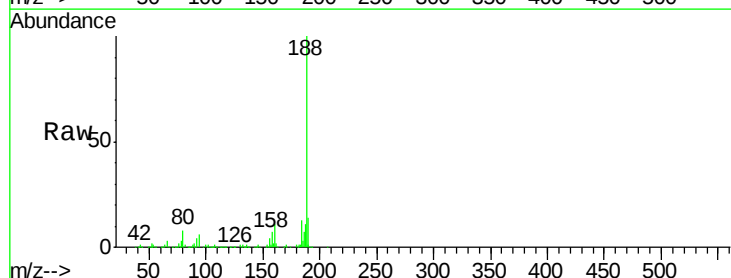
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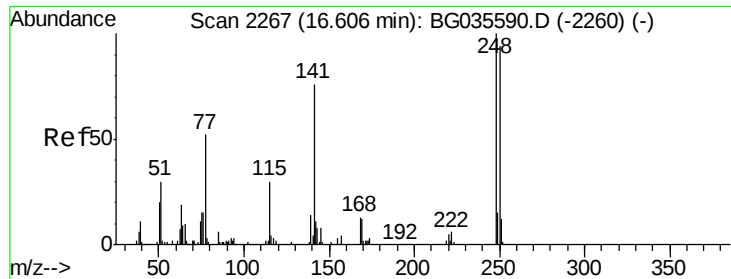
Tgt Ion:165 Resp: 18167
 Ion Ratio Lower Upper
 165 100
 63 3.2 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2403
 Delta R.T. -0.02 min
 Lab File: BG035685.D
 Acq: 17 Jul 2018 16:36

Tgt Ion:188 Resp: 362232
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.9 7.7 11.5

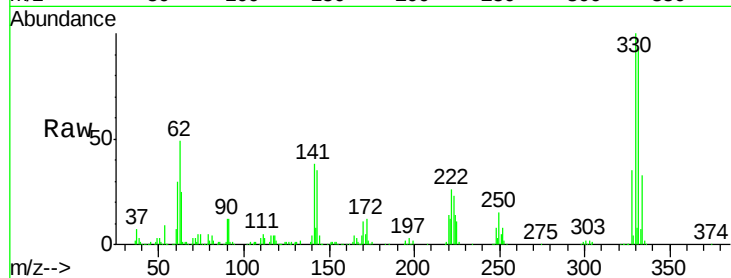




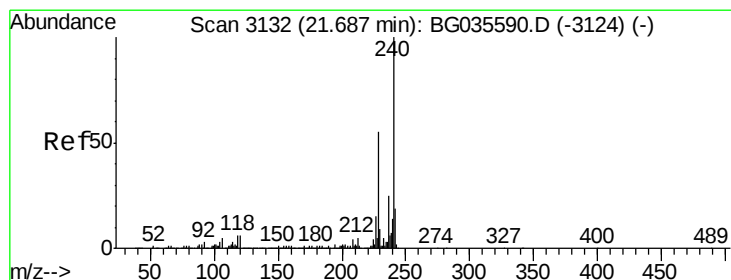
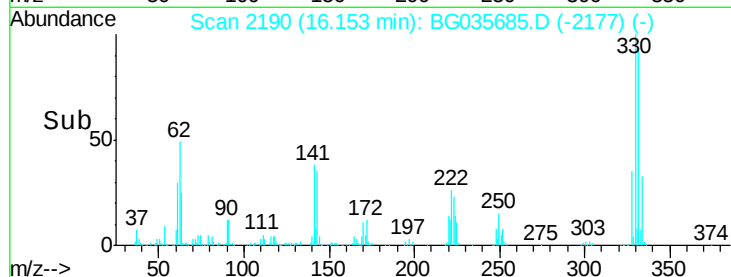
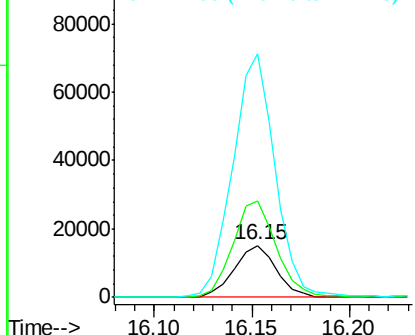
#66
4-Bromophenyl-phenylether
Concen: 5.424 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG035685.D
Acq: 17 Jul 2018 16:36

Instrument :
BNA_G
ClientSampleId :
AU-05-071318-B

Tgt Ion:248 Resp: 22796
Ion Ratio Lower Upper
248 100
250 183.6 77.1 115.7#
141 466.0 50.8 76.2#

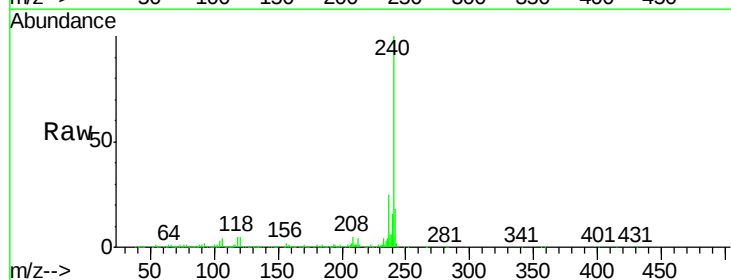


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

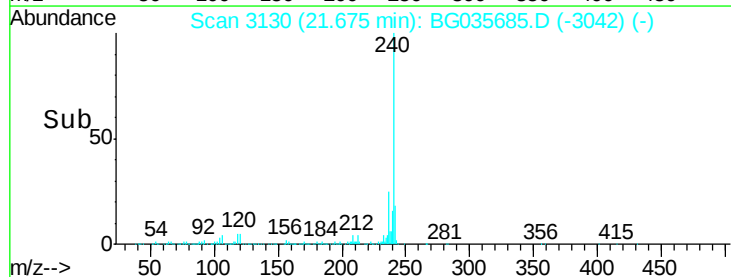
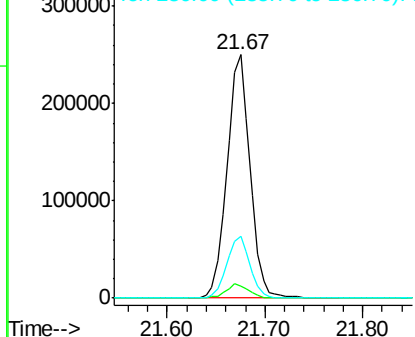


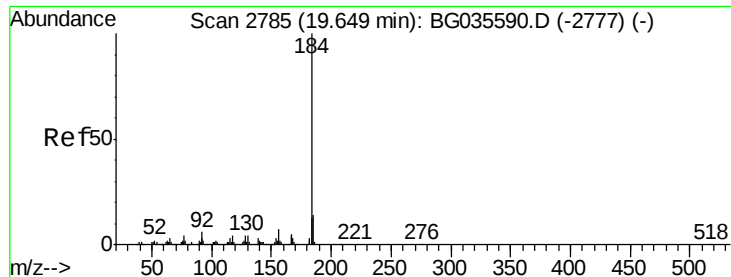
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG035685.D
Acq: 17 Jul 2018 16:36

Tgt Ion:240 Resp: 408792
Ion Ratio Lower Upper
240 100
120 4.9 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: 3.011 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG035685.D

Acq: 17 Jul 2018 16:36

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-B

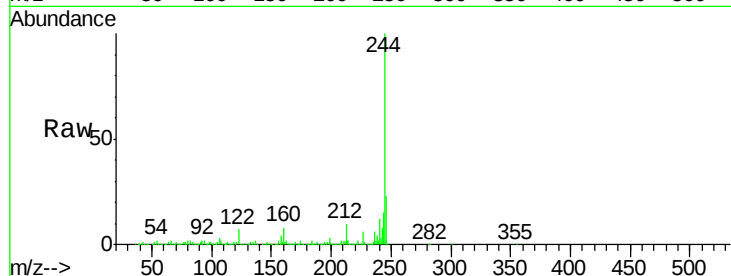
Tgt Ion:184 Resp: 32360

Ion Ratio Lower Upper

184 100

185 20.4 11.1 16.7#

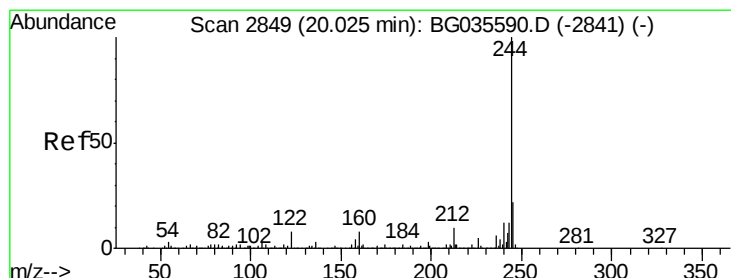
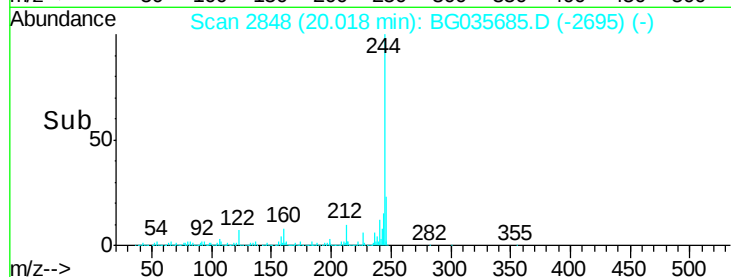
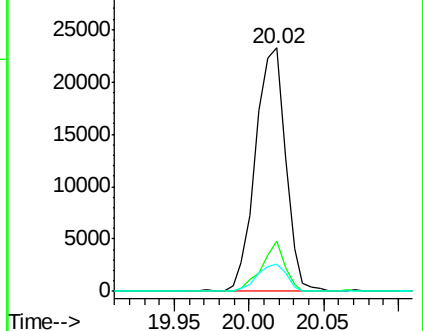
183 11.5 10.6 16.0



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: 97.122 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG035685.D

Acq: 17 Jul 2018 16:36

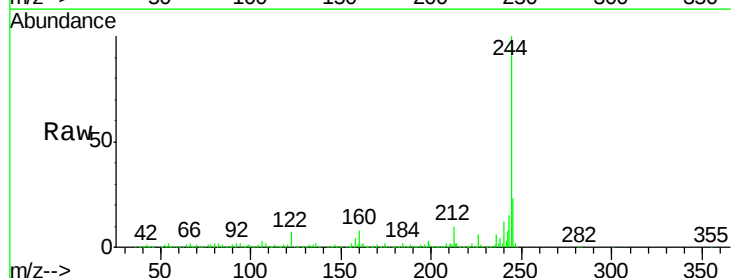
Tgt Ion:244 Resp: 1801143

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

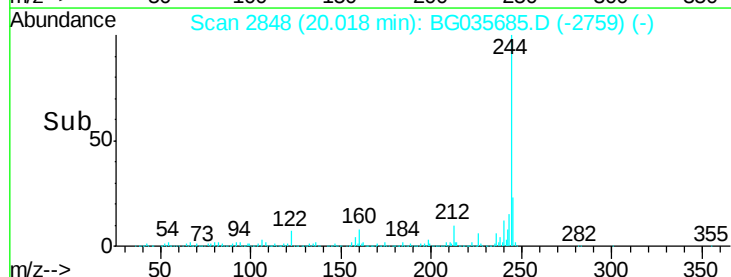
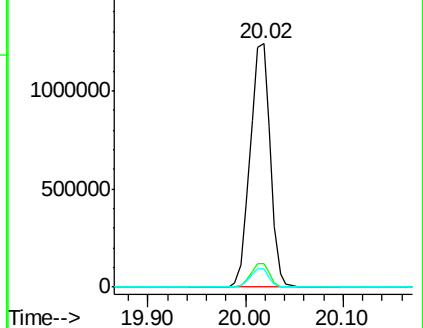
122 7.4 7.0 10.4

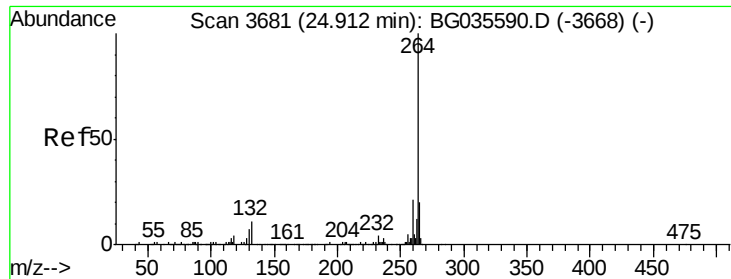


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

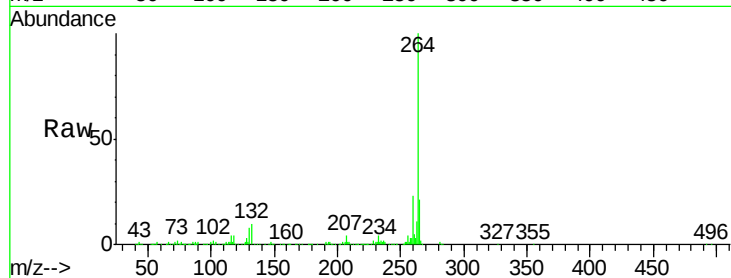




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035685.D
Acq: 17 Jul 2018 16:36

Instrument :
BNA_G
ClientSampleId :
AU-05-071318-B

Tgt Ion:	264	Resp:	381159
Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.1	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

