

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035682.D
 Acq On : 17 Jul 2018 14:38
 Operator : JU/SJ
 Sample : J3819-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Jul 18 01:08:46 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

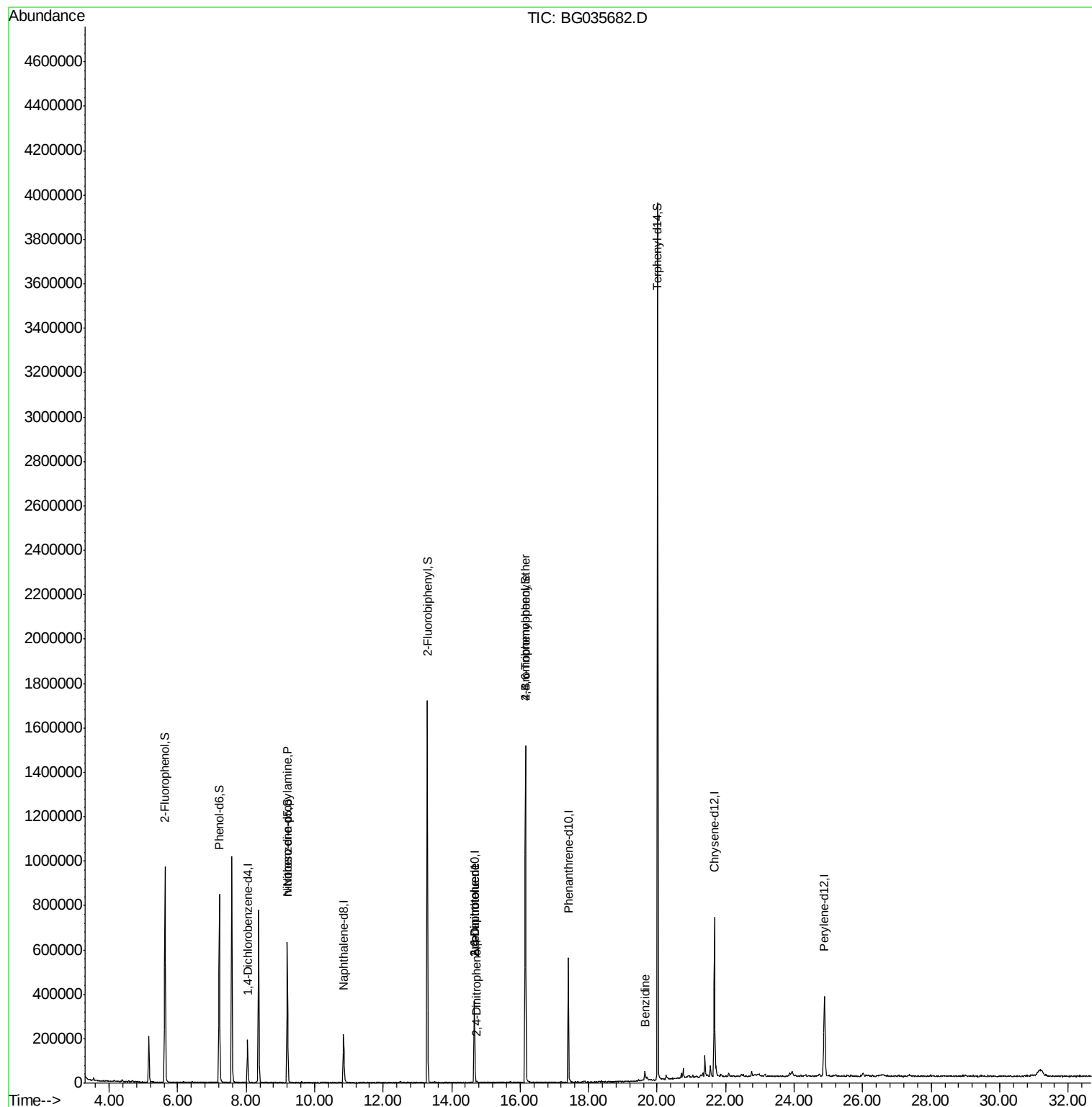
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54188	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	188373	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	127495	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	353978	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	448953	20.00	ng	-0.02
86) Perylene-d12	24.88	264	414586	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	420881	128.95	ng	0.00
7) Phenol-d6	7.21	99	524647	107.74	ng	0.00
23) Nitrobenzene-d5	9.20	82	437763	97.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	283951	168.97	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	928103	97.53	ng	-0.02
78) Terphenyl-d14	20.01	244	1844141	90.54	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	59152	14.425	ng	# 69
50) 2,6-Dinitrotoluene	14.66	165	16731	7.355	ng	# 22
53) 2,4-Dinitrophenol	14.74	184	81	6.646	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	16731	5.127	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	22953	5.589	ng	# 1
76) Benzidine	19.64	184	32778	2.777	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: BG035682.D

Acq: 17 Jul 2018 14:38

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BNA_G

ClientSampleId :

AU-05-071318-A

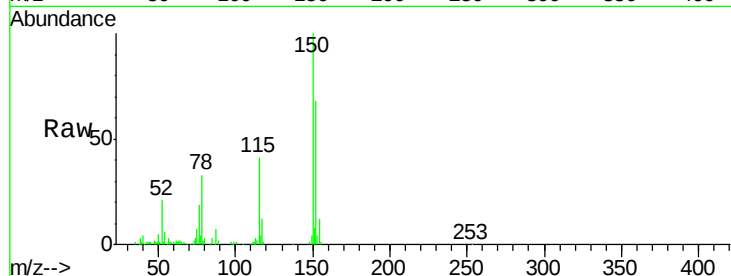
Tgt Ion:152 Resp: 54188

Ion Ratio Lower Upper

152 100

150 146.8 126.6 189.8

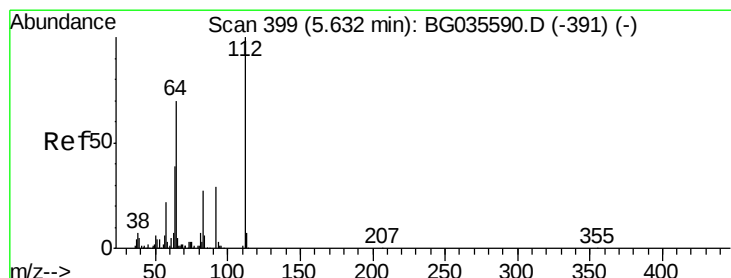
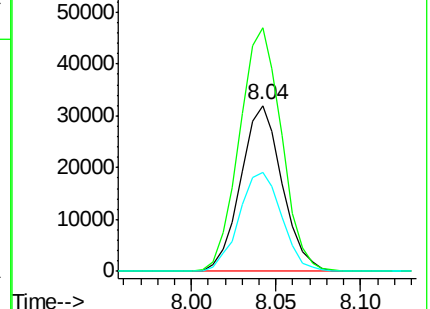
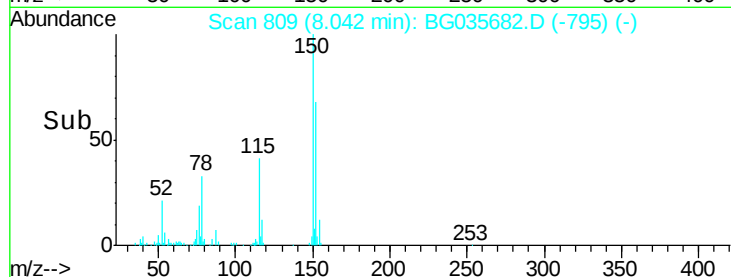
115 59.8 53.0 79.4



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: 128.951 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

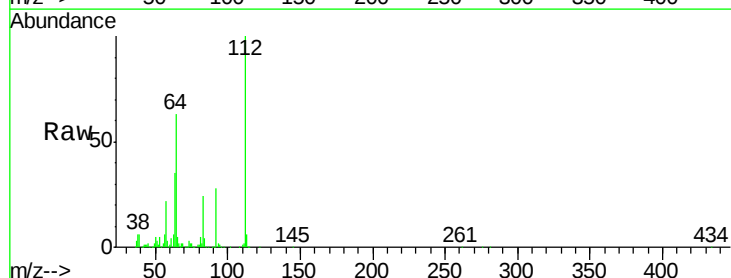
Tgt Ion:112 Resp: 420881

Ion Ratio Lower Upper

112 100

64 63.3 56.3 84.5

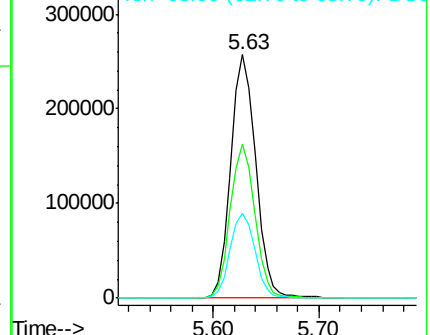
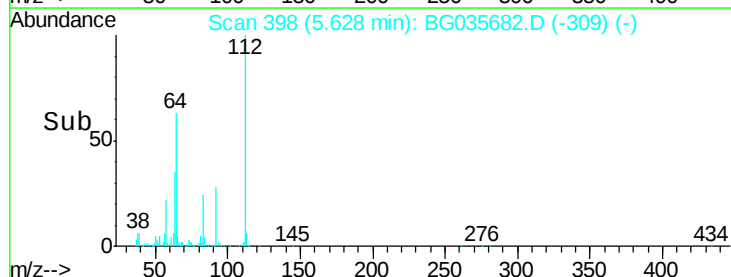
63 34.7 30.1 45.1

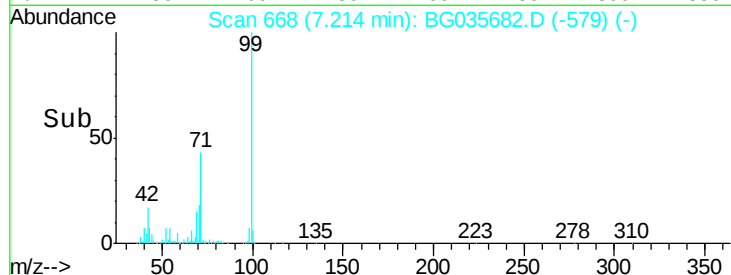
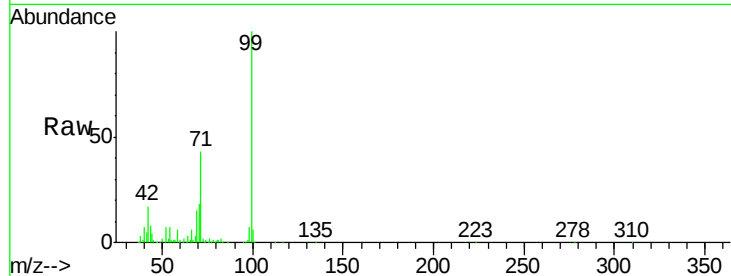


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.738 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-A

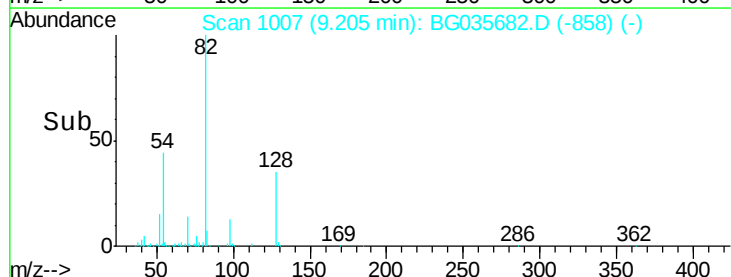
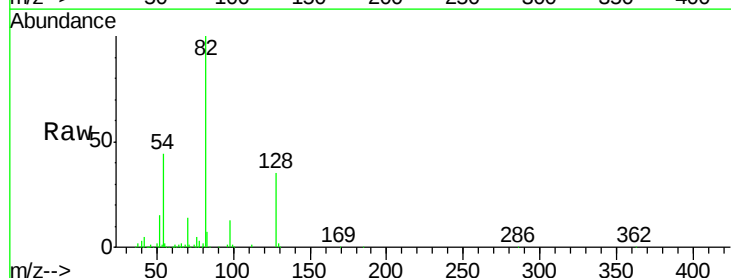
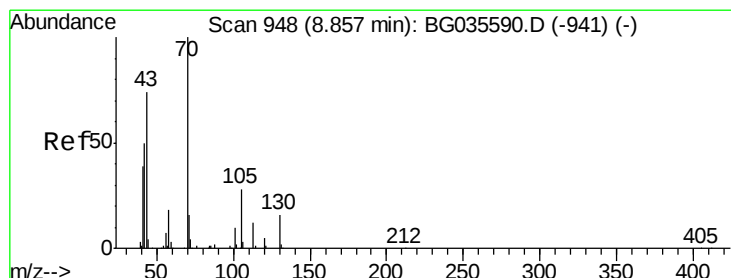
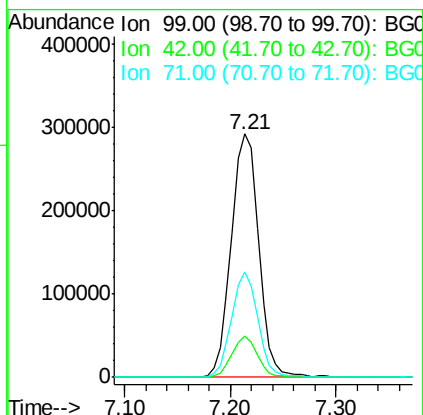
Tgt Ion: 99 Resp: 524647

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

71 43.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.425 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Tgt Ion: 70 Resp: 59152

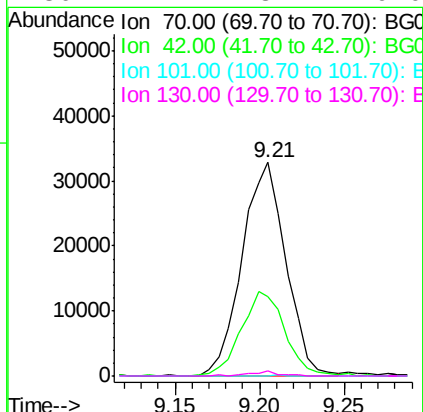
Ion Ratio Lower Upper

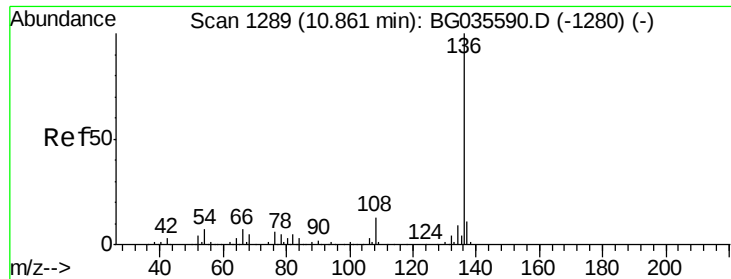
70 100

42 37.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.4 13.4 20.0#

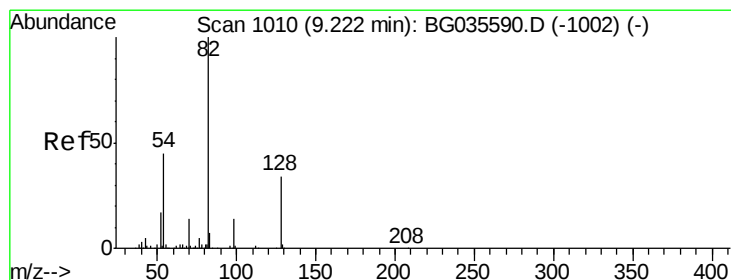
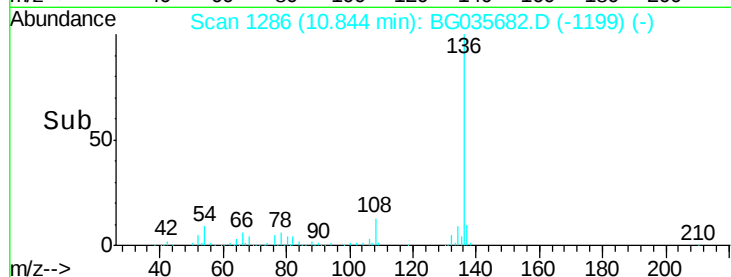
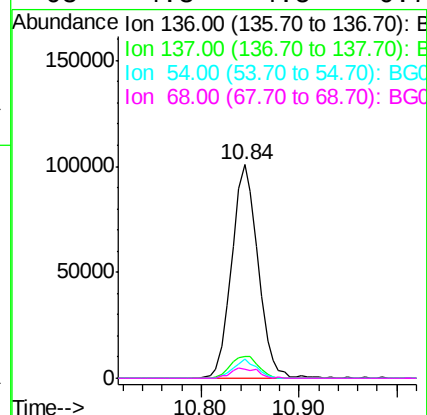
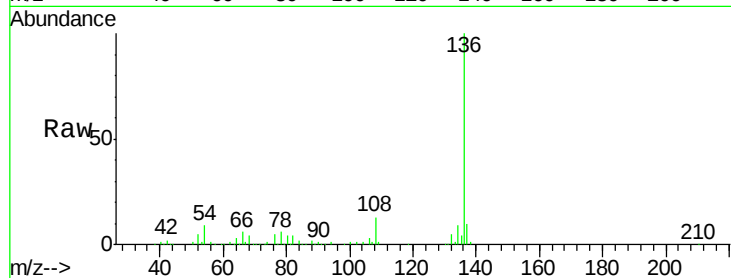




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

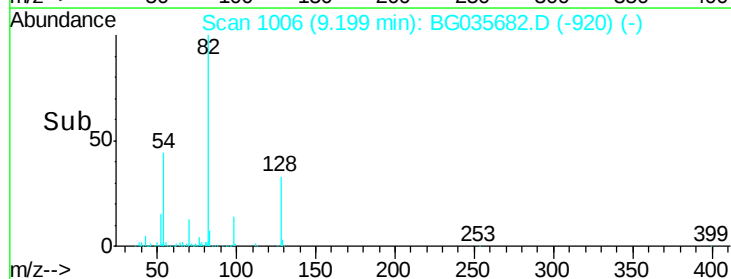
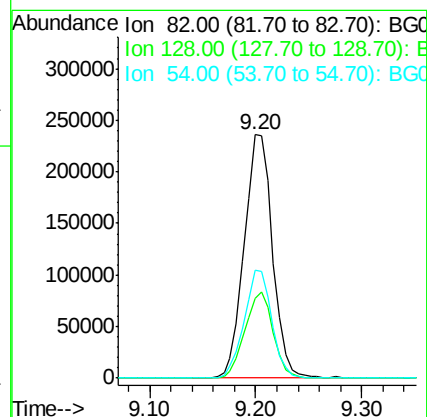
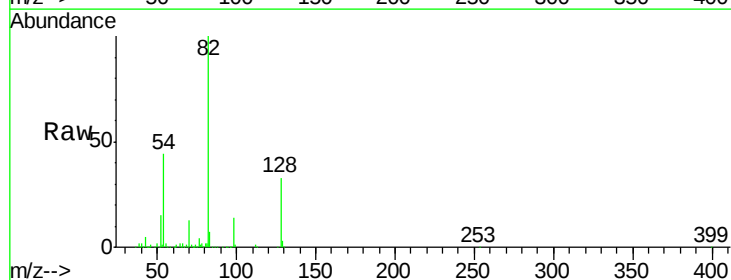
Instrument :
BNA_G
ClientSampleId :
AU-05-071318-A

Tgt Ion:	136	Resp:	188373
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	8.9	10.3	15.5#
68	4.3	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 97.081 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

Tgt Ion:	82	Resp:	437763
Ion	Ratio	Lower	Upper
82	100		
128	33.0	29.7	44.5
54	44.2	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-A

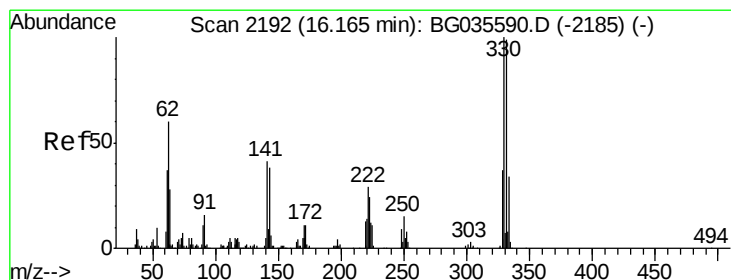
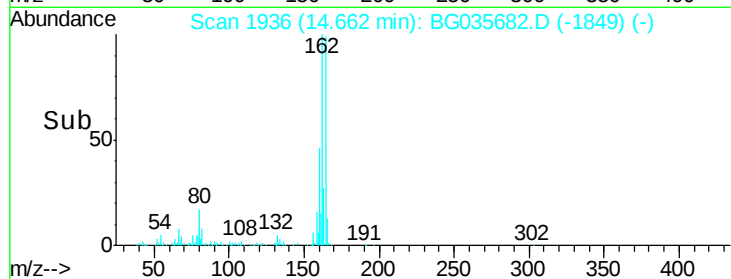
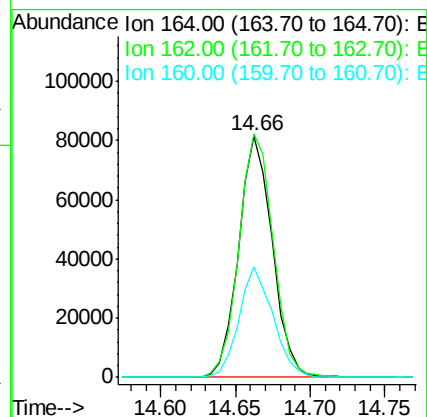
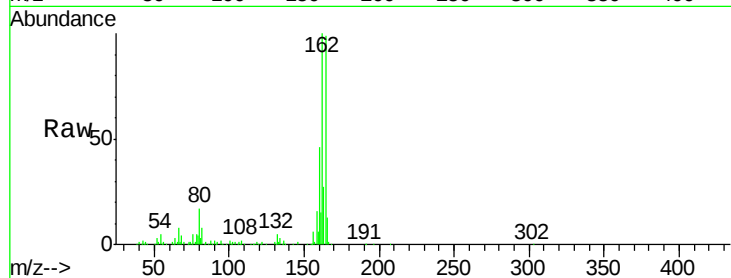
Tgt Ion:164 Resp: 127495

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

160 45.9 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 168.972 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

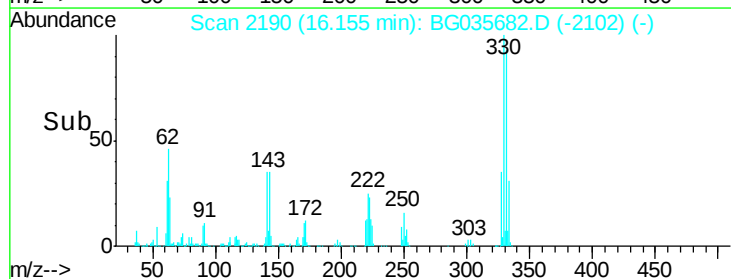
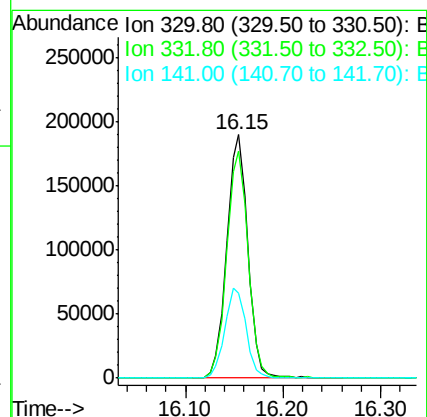
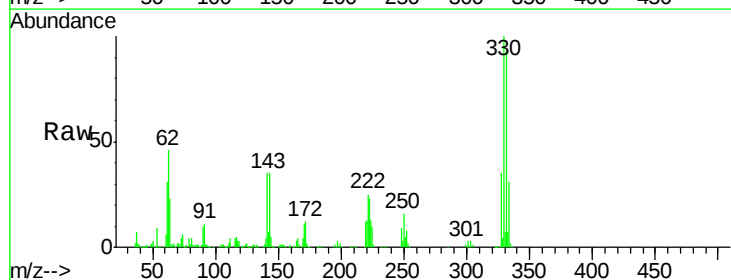
Tgt Ion:330 Resp: 283951

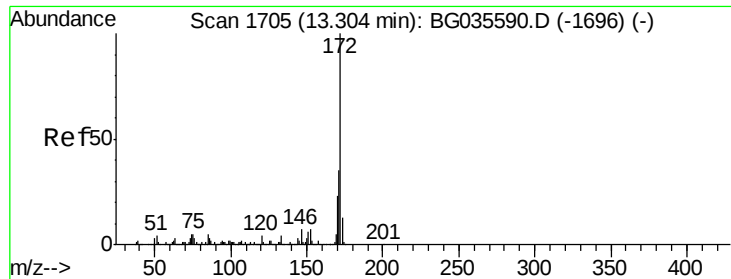
Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

141 37.2 25.2 37.8

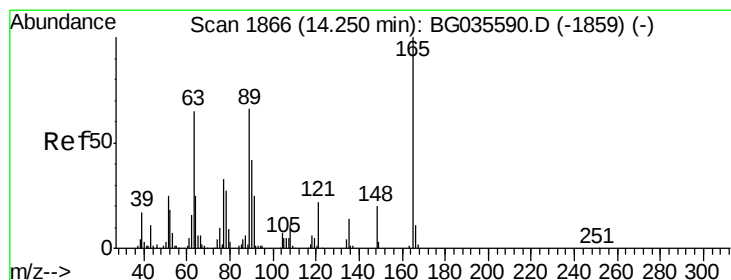
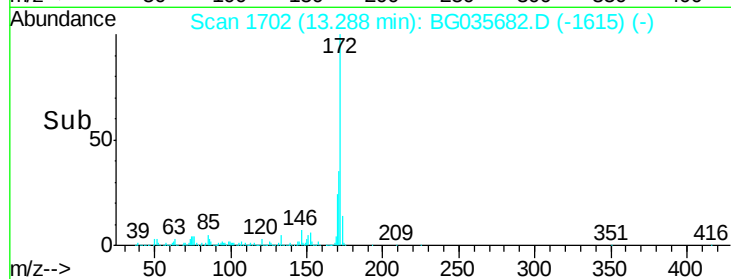
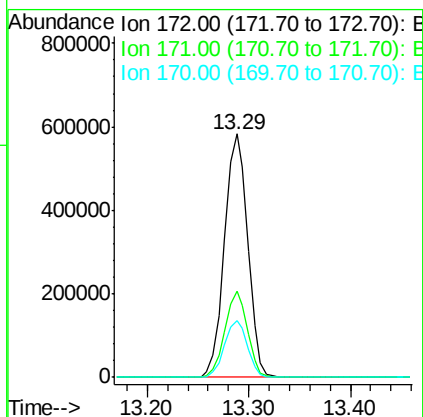
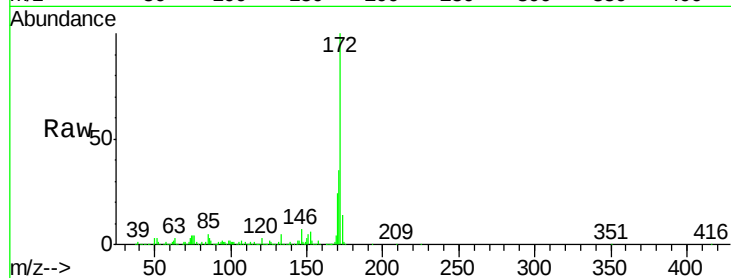




#44
 2-Fluorobiphenyl
 Concen: 97.527 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

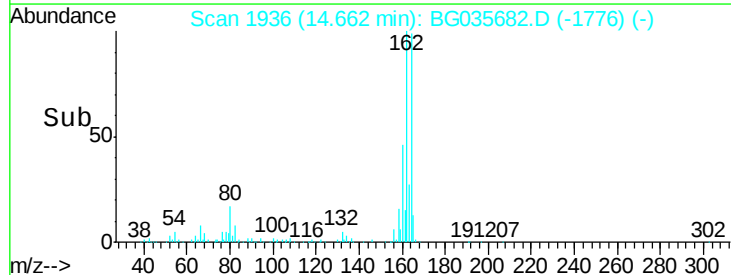
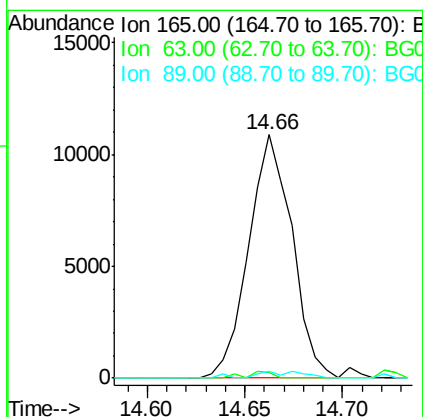
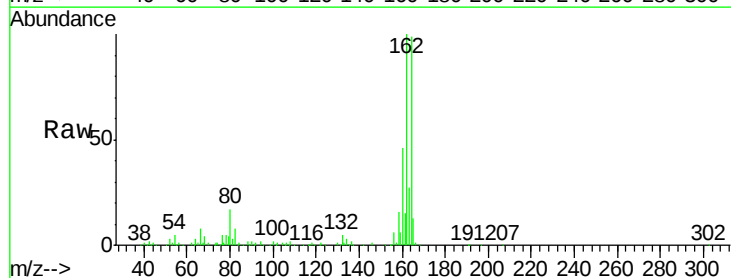
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-071318-A

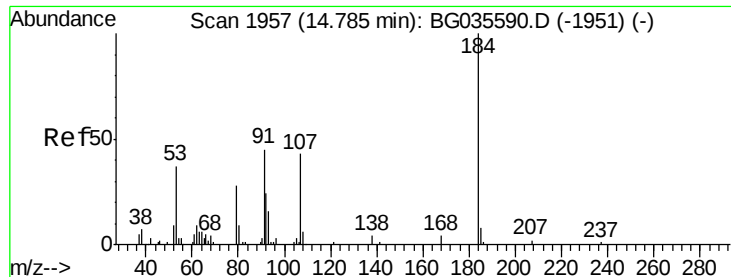
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	23.6	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.355 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.41 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	52.7	79.1#
89	3.0	49.2	73.8#

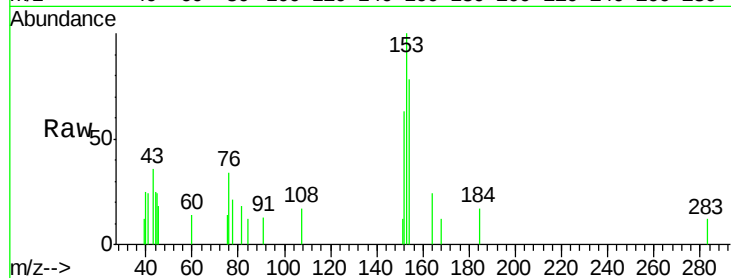




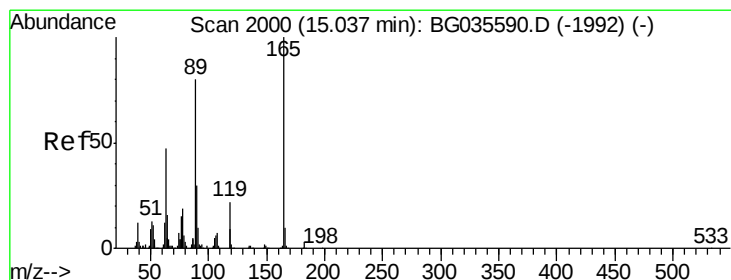
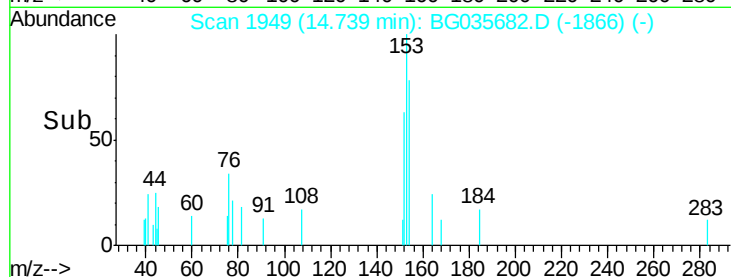
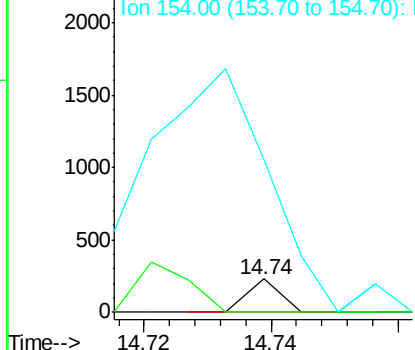
#53
2,4-Dinitrophenol
Concen: 6.646 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.05 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

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

Tgt Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 458.3 101.8 152.8#

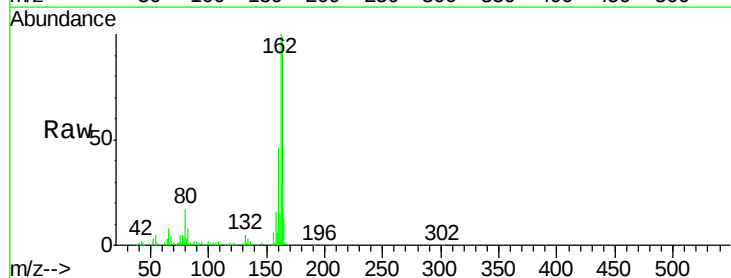


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

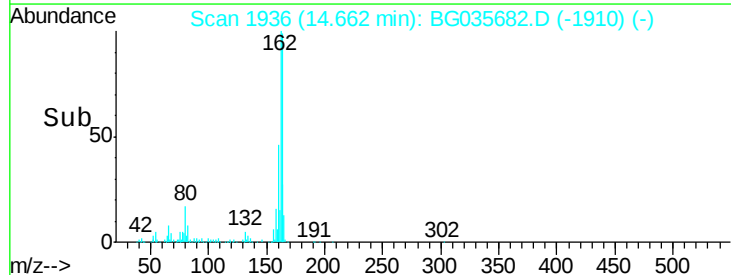
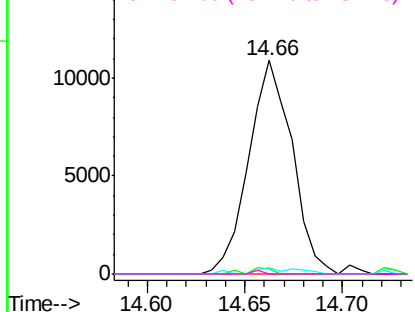


#56
2,4-Dinitrotoluene
Concen: 5.127 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

Tgt Ion:165 Resp: 16731
Ion Ratio Lower Upper
165 100
63 2.5 42.0 63.0#
89 3.0 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

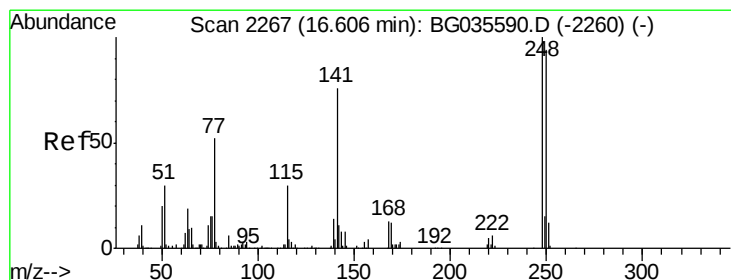
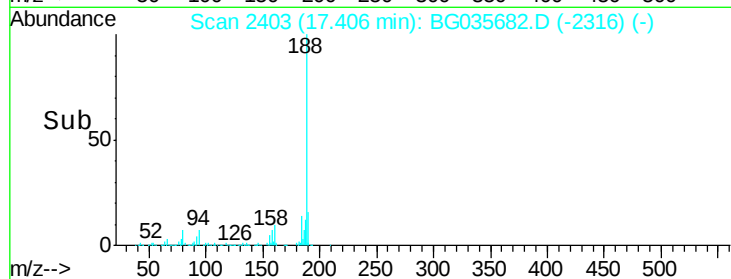
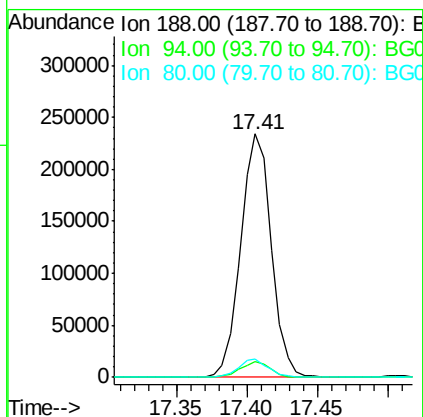
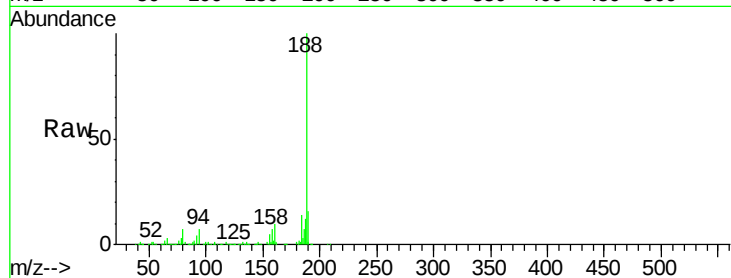




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

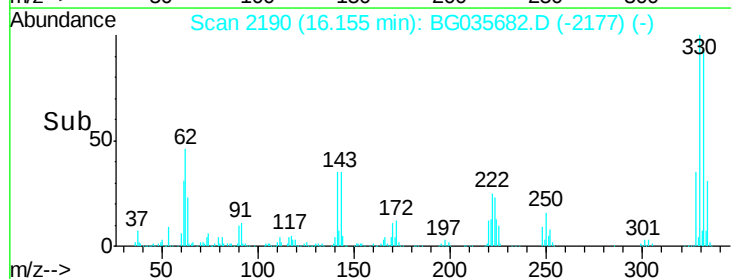
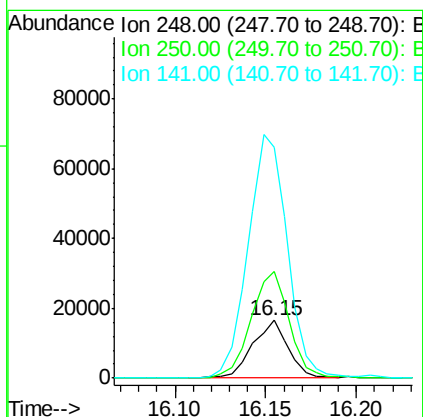
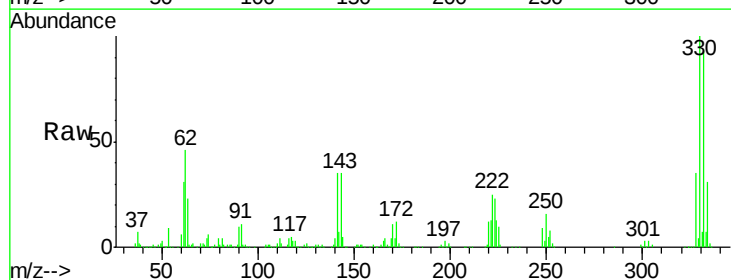
Instrument :
BNA_G
ClientSampleId :
AU-05-071318-A

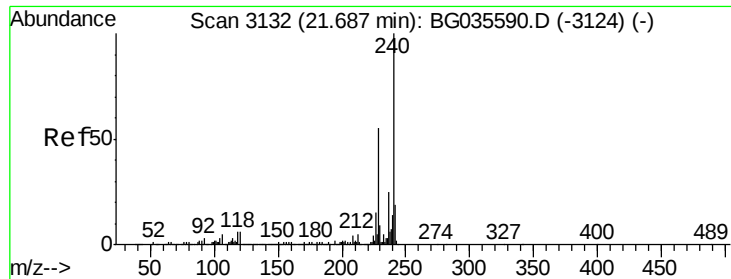
Tgt Ion:188 Resp: 353978
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 7.5 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.589 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG035682.D
Acq: 17 Jul 2018 14:38

Tgt Ion:248 Resp: 22953
Ion Ratio Lower Upper
248 100
250 184.3 77.1 115.7#
141 398.3 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-A

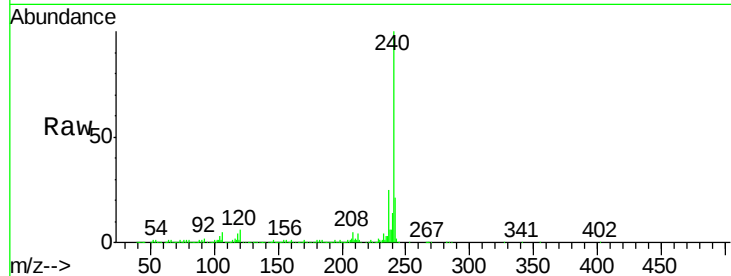
Tgt Ion:240 Resp: 448953

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

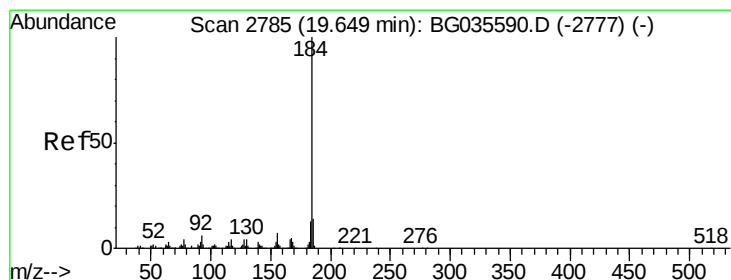
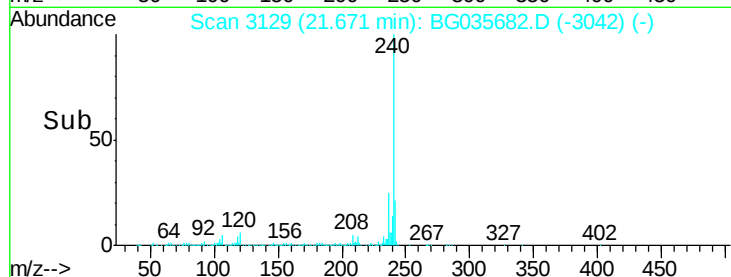
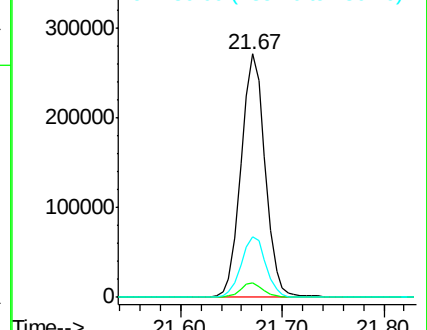
236 25.1 20.9 31.3



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: 2.777 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG035682.D

Acq: 17 Jul 2018 14:38

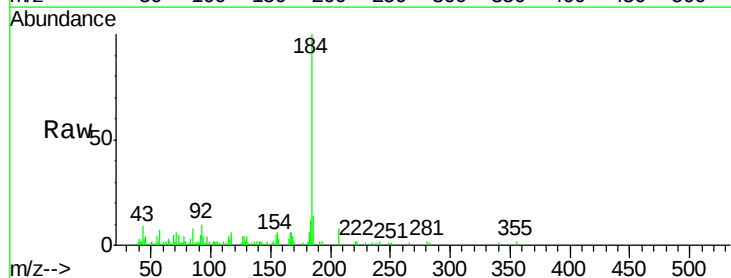
Tgt Ion:184 Resp: 32778

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

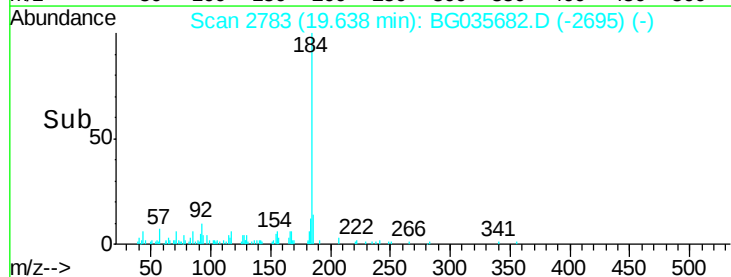
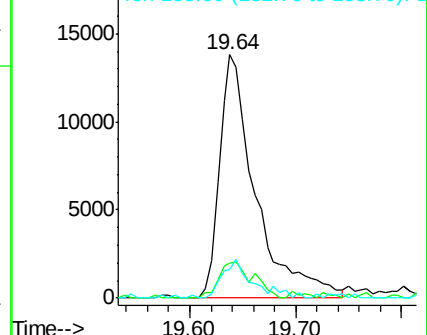
183 11.6 10.6 16.0

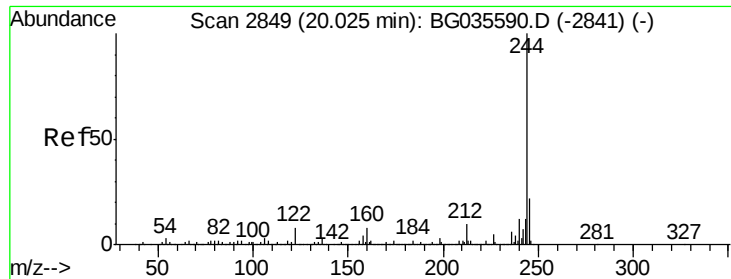


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

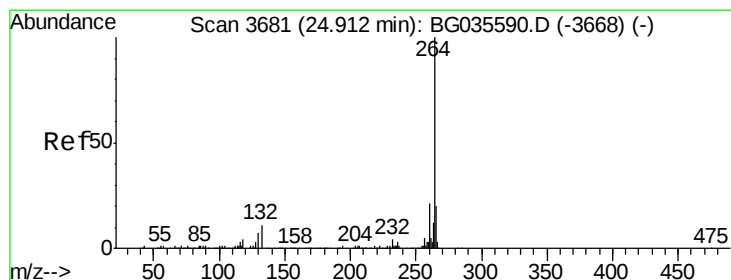
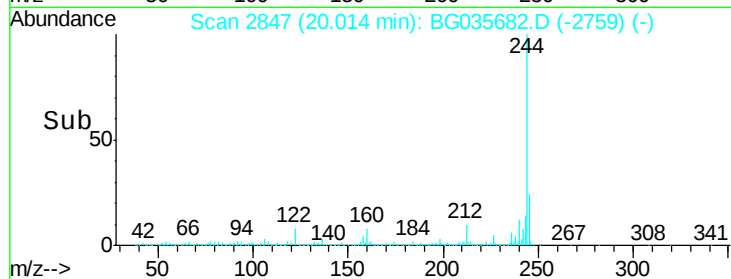
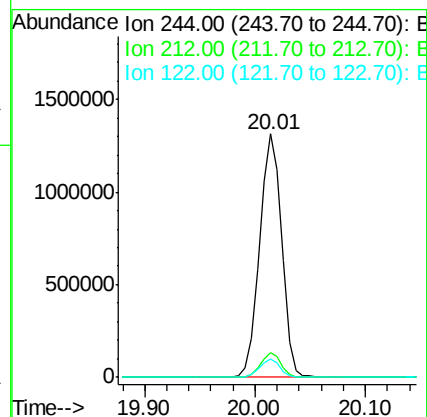
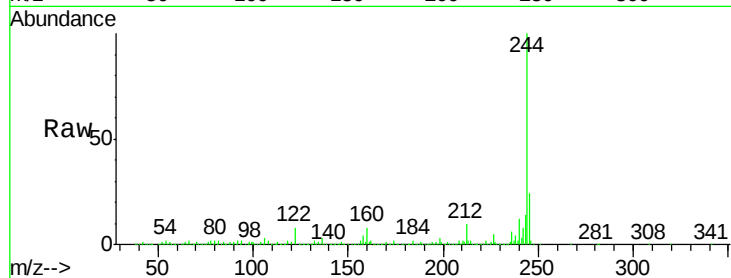




#78
 Terphenyl-d14
 Concen: 90.545 ng
 RT: 20.01 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

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

Tgt Ion:244 Resp: 1844141
 Ion Ratio Lower Upper
 244 100
 212 10.2 5.8 8.8#
 122 7.8 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: BG035682.D
 Acq: 17 Jul 2018 14:38

Tgt Ion:264 Resp: 414586
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.4 26.0
 265 21.7 17.7 26.5

