

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035344.D
 Acq On : 22 Jun 2018 21:58
 Operator : JU/SJ
 Sample : J3595-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SC-01-ABC

Quant Time: Jun 23 00:32:30 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

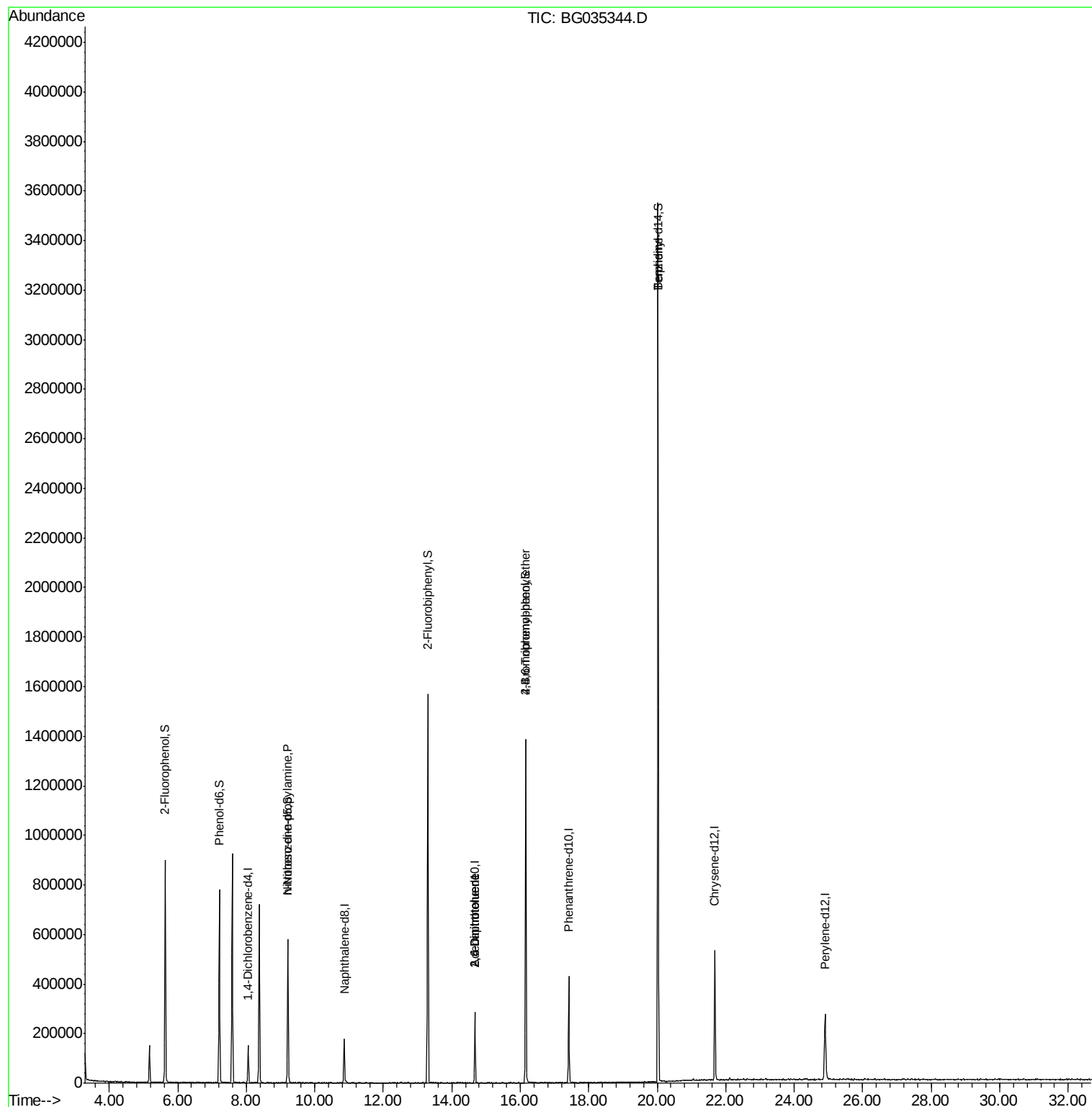
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46710	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	149320	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	98212	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	274899	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	334722	20.00	ng	-0.04
86) Perylene-d12	24.91	264	311907	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	384028	138.75	ng	-0.01
7) Phenol-d6	7.21	99	474228	116.09	ng	-0.01
23) Nitrobenzene-d5	9.21	82	383567	122.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	253202	201.40	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	839909	111.18	ng	-0.03
78) Terphenyl-d14	20.02	244	1655668	103.61	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	53340	15.369	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	12869	8.237	ng	# 18
56) 2,4-Dinitrotoluene	14.67	165	12869	6.200	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	19865	6.001	ng	# 1
76) Benzidine	20.02	184	28752	2.309	ng	# 93

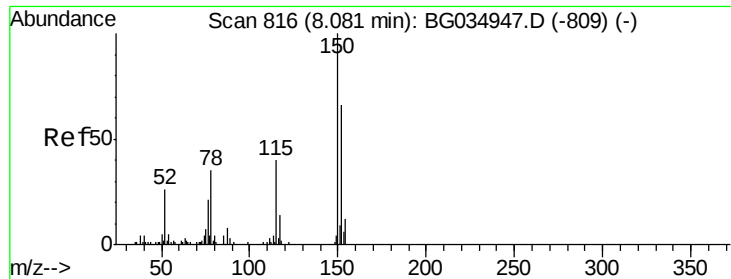
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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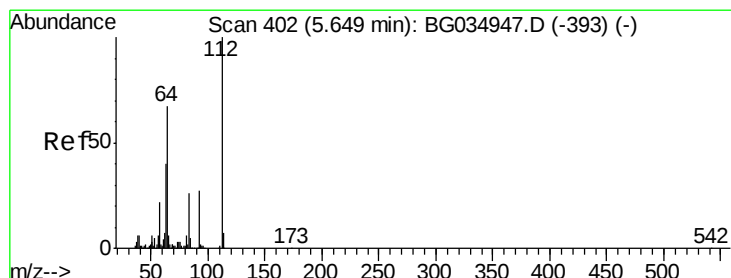
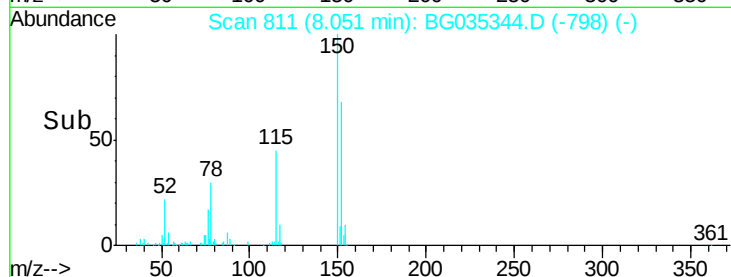
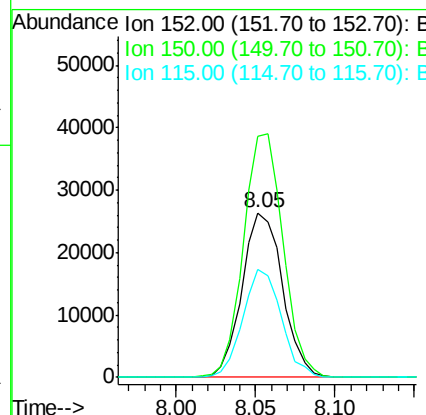
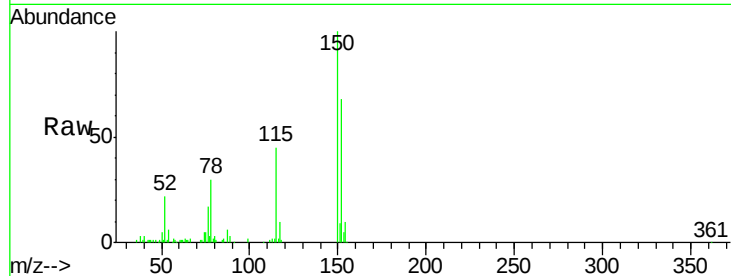


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Instrument :
BNA_G
ClientSampleId :
SC-01-ABC

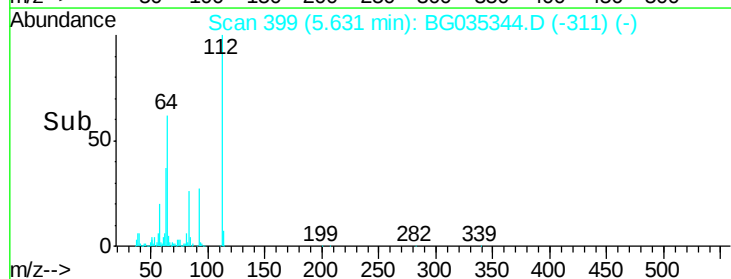
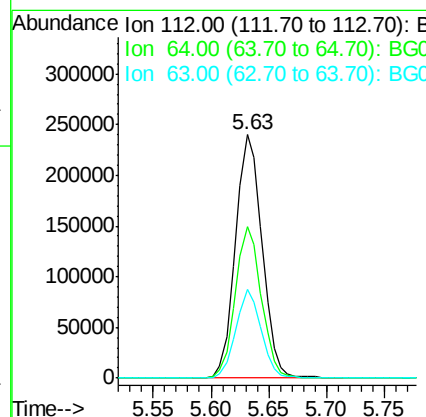
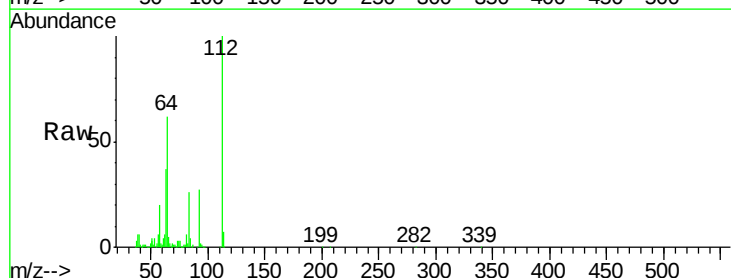
Tgt Ion:152 Resp: 46710
Ion Ratio Lower Upper
152 100
150 146.3 126.6 189.8
115 65.9 53.0 79.4

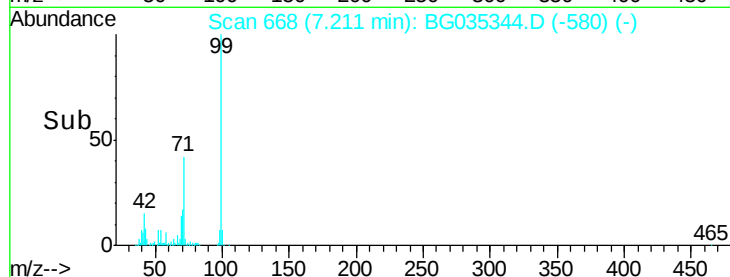
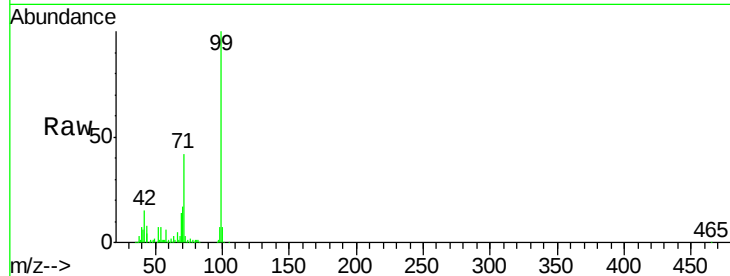
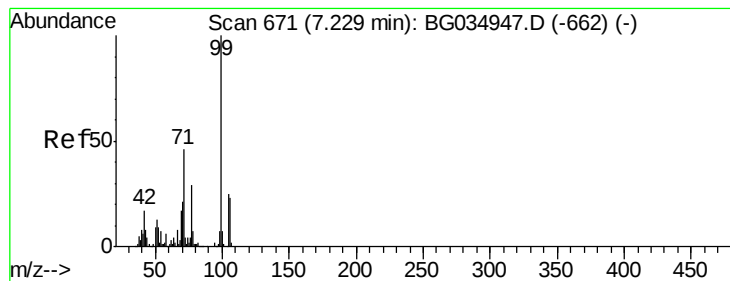


#5

2-Fluorophenol
Concen: 138.747 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Tgt Ion:112 Resp: 384028
Ion Ratio Lower Upper
112 100
64 62.0 56.3 84.5
63 36.5 30.1 45.1





#7

Phenol-d6

Concen: 116.086 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035344.D

Acq: 22 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

SC-01-ABC

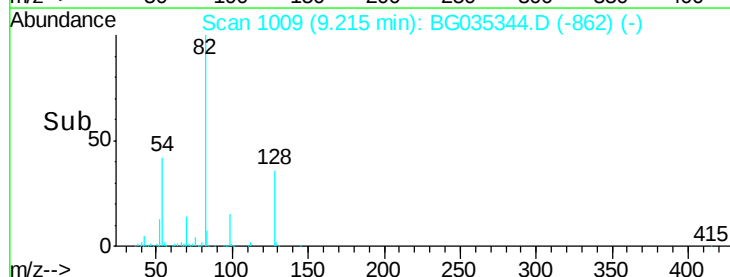
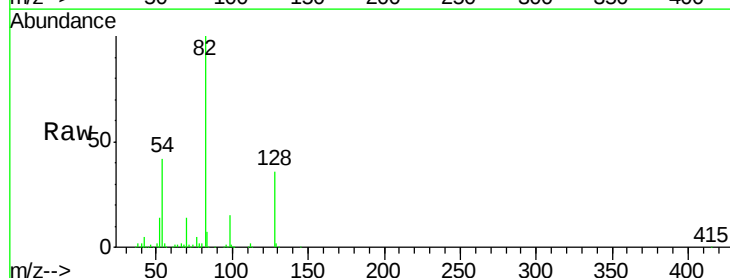
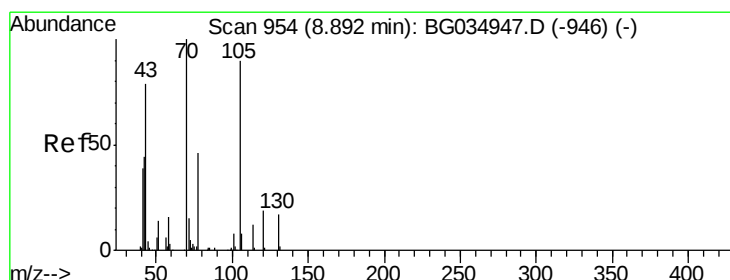
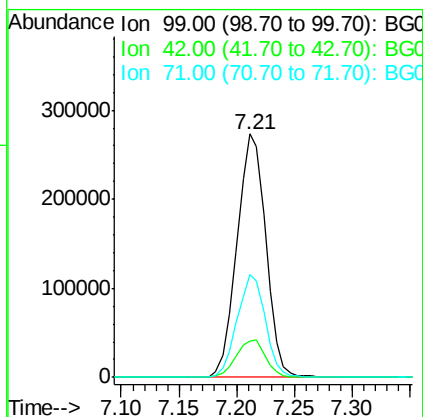
Tgt Ion: 99 Resp: 474228

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 42.4 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.369 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035344.D

Acq: 22 Jun 2018 21:58

Tgt Ion: 70 Resp: 53340

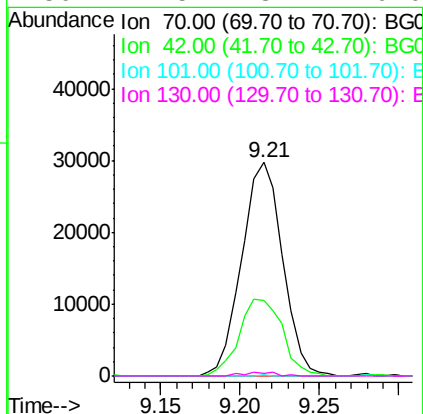
Ion Ratio Lower Upper

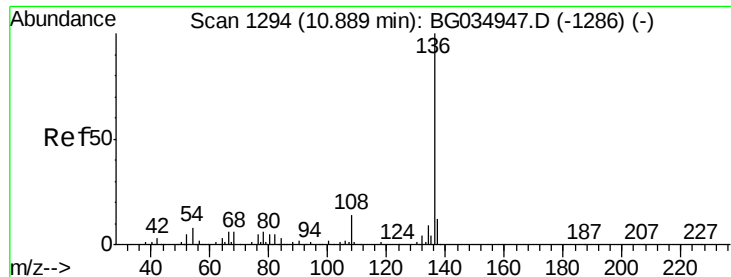
70 100

42 35.1 49.1 73.7#

101 0.8 8.5 12.7#

130 1.5 13.4 20.0#

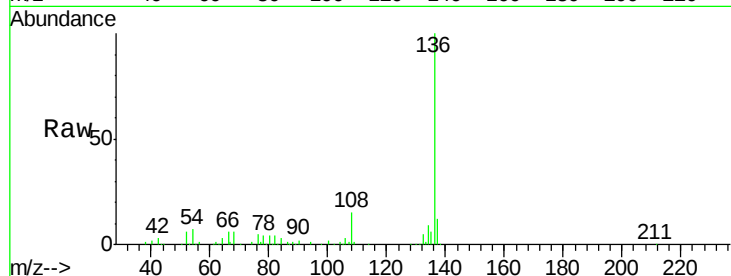




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Instrument :
BNA_G
ClientSampleId :
SC-01-ABC

Tgt Ion:	136	Resp:	149320
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.5	10.3	15.5#
68	5.5	4.5	6.7



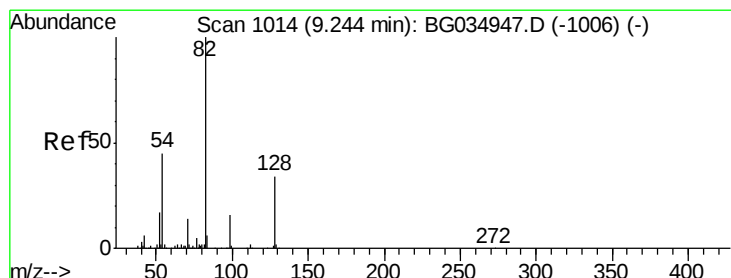
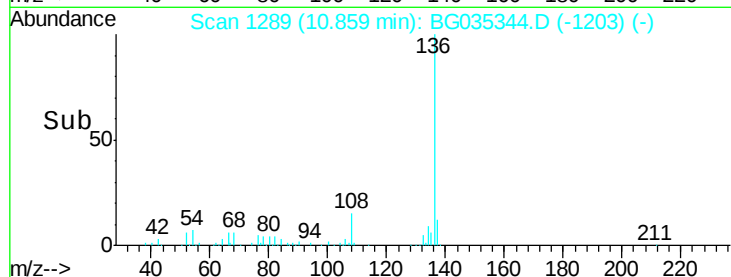
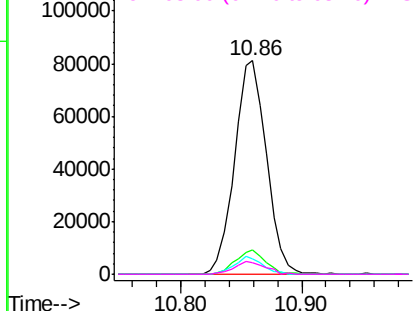
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

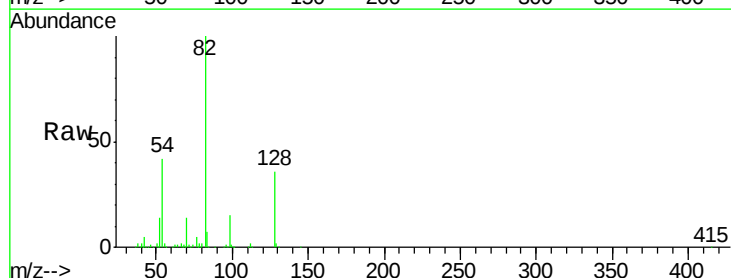
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 122.104 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Tgt Ion:	82	Resp:	383567
Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	41.9	43.1	64.7#

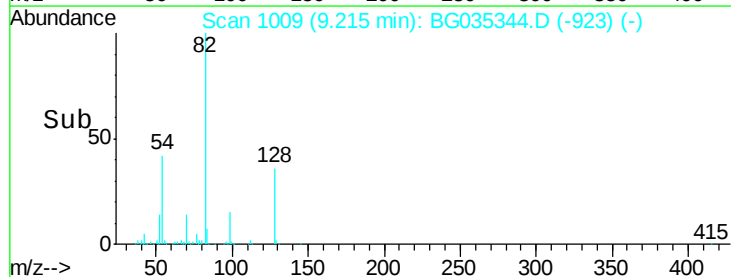
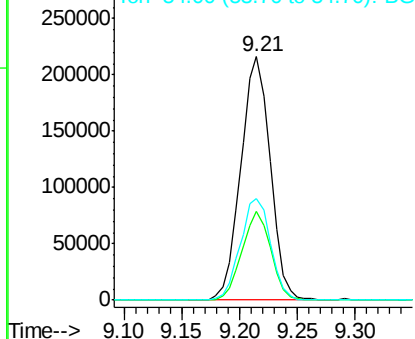


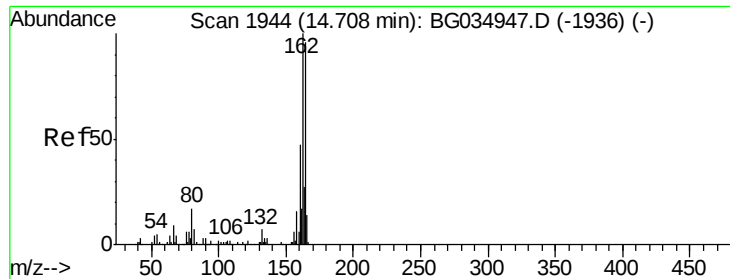
Abundance

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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035344.D

Acq: 22 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

SC-01-ABC

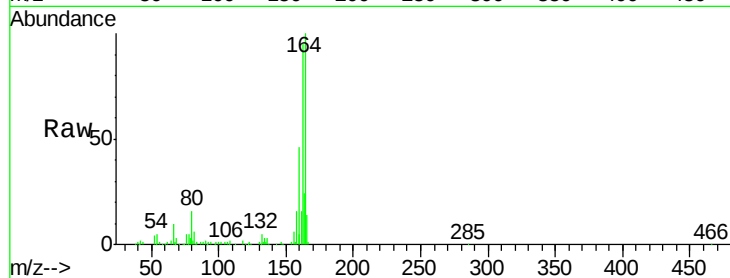
Tgt Ion:164 Resp: 98212

Ion Ratio Lower Upper

164 100

162 95.1 78.8 118.2

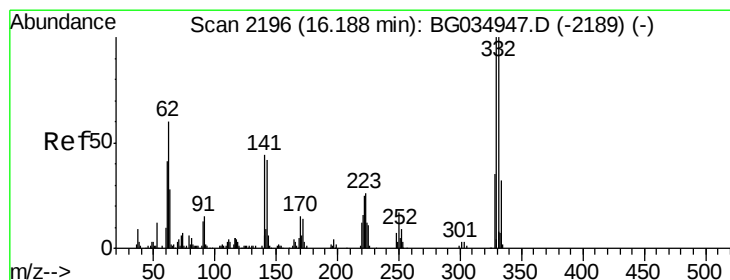
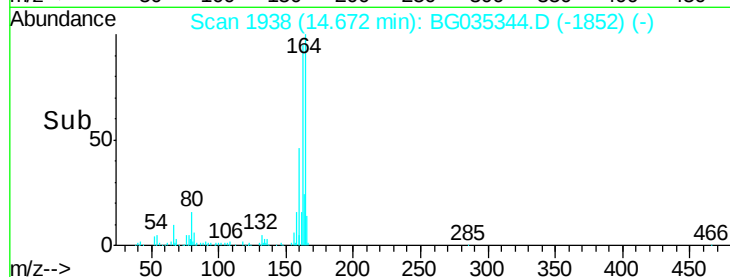
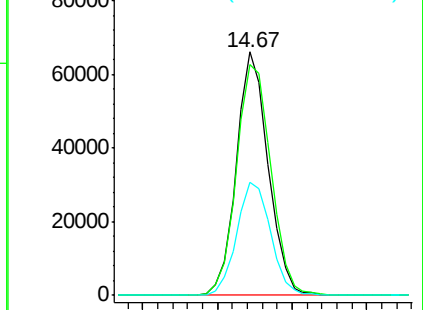
160 46.3 35.4 53.0



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: 201.395 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035344.D

Acq: 22 Jun 2018 21:58

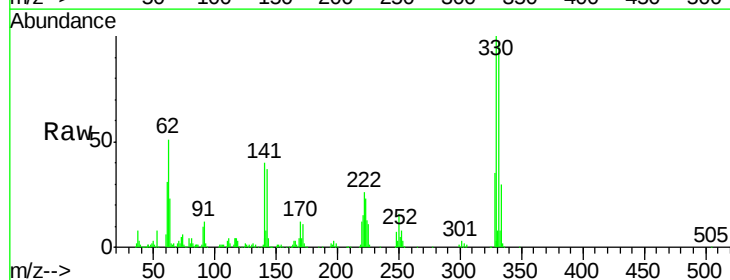
Tgt Ion:330 Resp: 253202

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

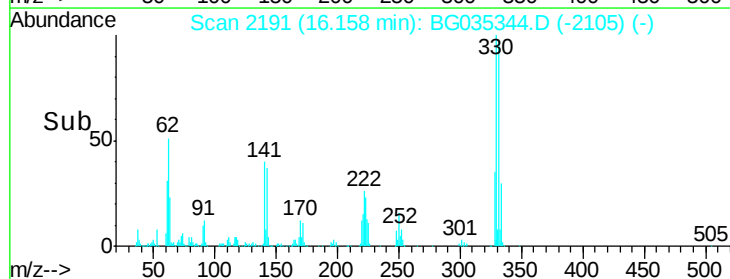
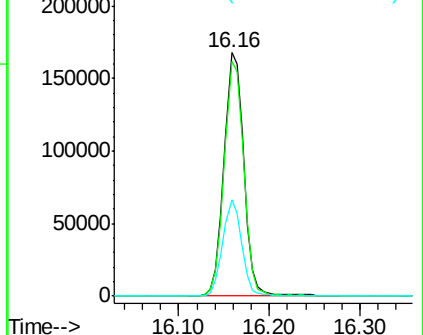
141 37.8 25.2 37.8#

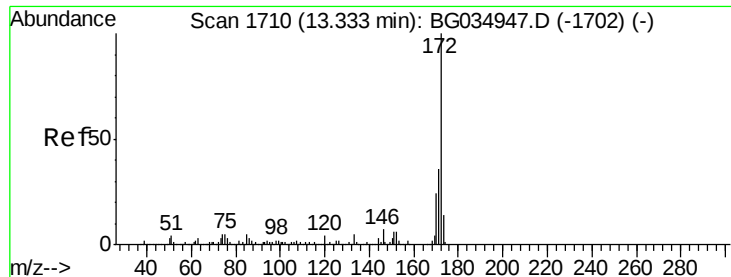


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

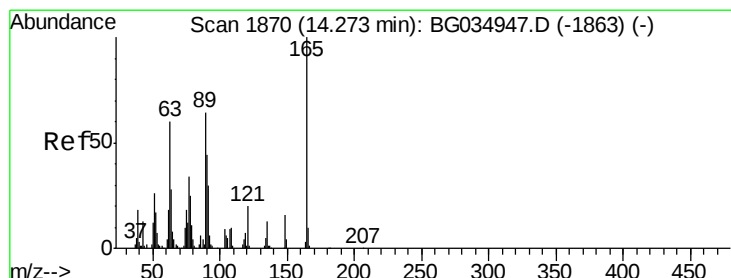
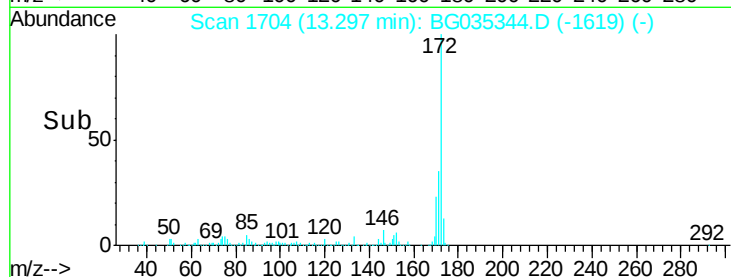
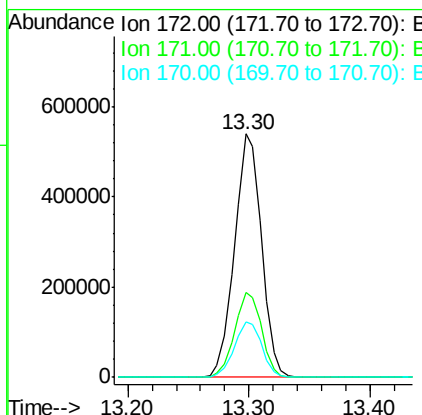
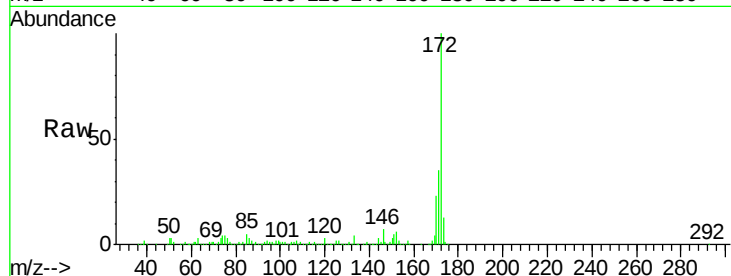




#44
2-Fluorobiphenyl
Concen: 111.176 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

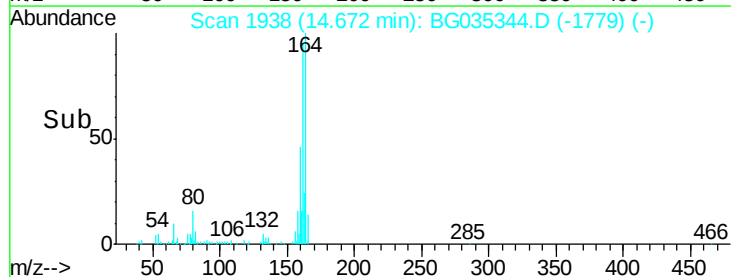
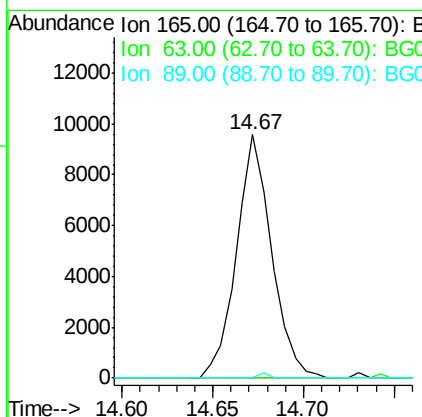
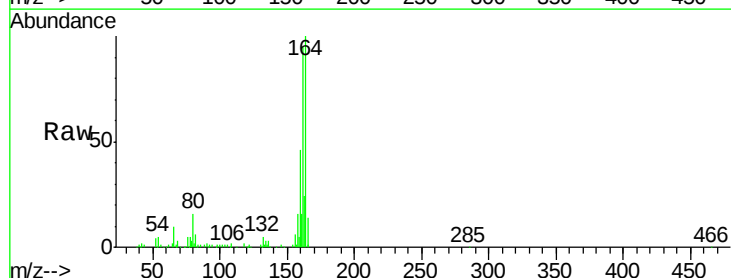
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SC-01-ABC

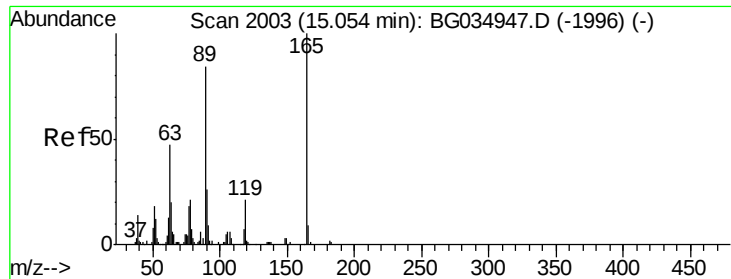
Tgt Ion:172 Resp: 839909
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 23.0 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 8.237 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.40 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Tgt Ion:165 Resp: 12869
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 6.200 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.38 min

Lab File: BG035344.D

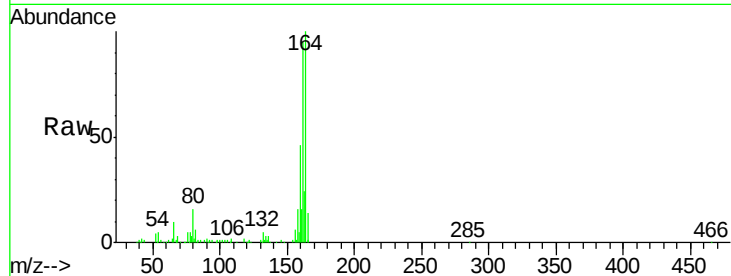
Acq: 22 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

SC-01-ABC



Tgt Ion:165 Resp: 12869

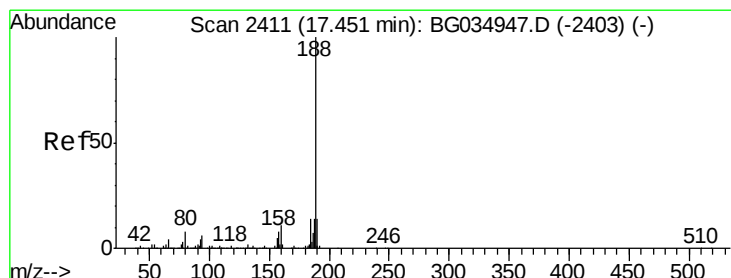
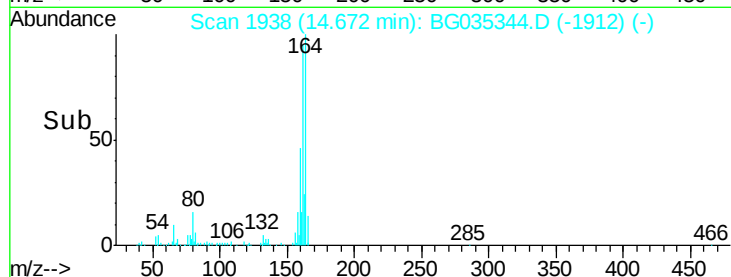
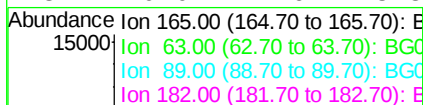
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035344.D

Acq: 22 Jun 2018 21:58

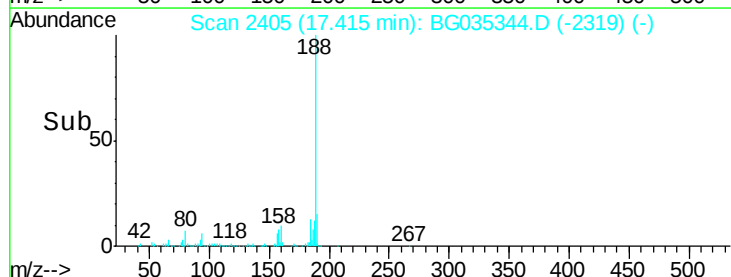
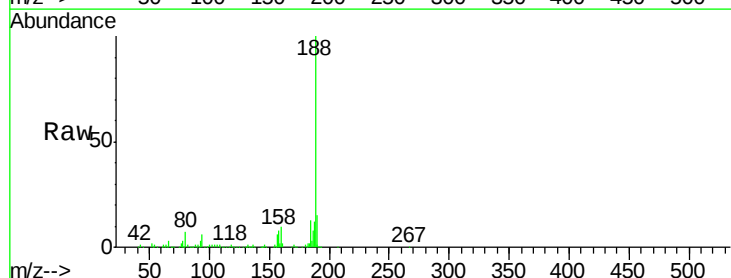
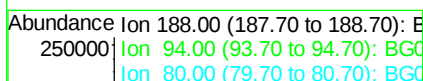
Tgt Ion:188 Resp: 274899

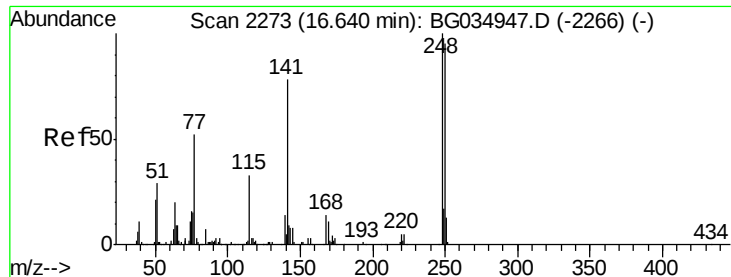
Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

80 7.1 7.7 11.5#

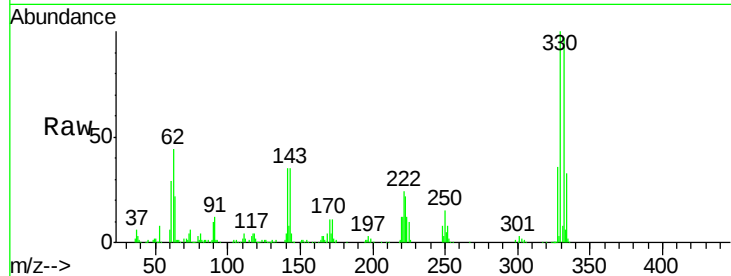




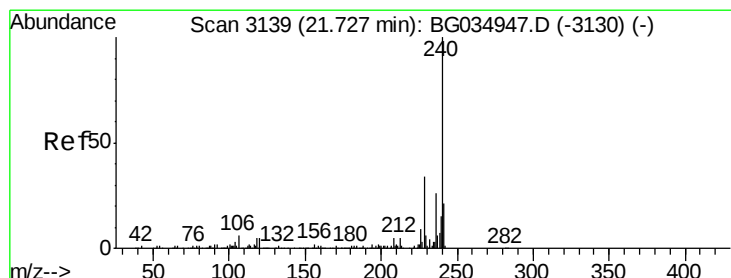
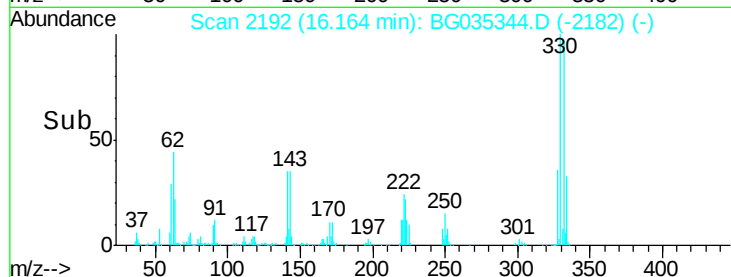
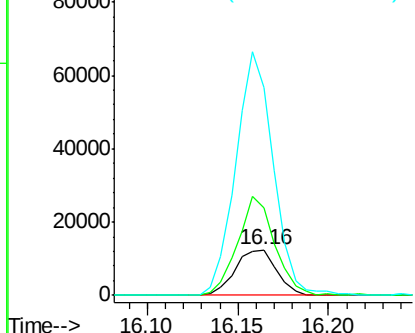
#66
4-Bromophenyl-phenylether
Concen: 6.001 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Instrument :
BNA_G
ClientSampleId :
SC-01-ABC

Tgt Ion:248 Resp: 19865
Ion Ratio Lower Upper
248 100
250 191.0 77.1 115.7#
141 455.3 50.8 76.2#

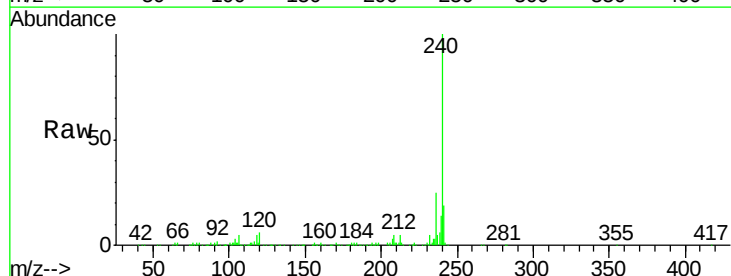


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

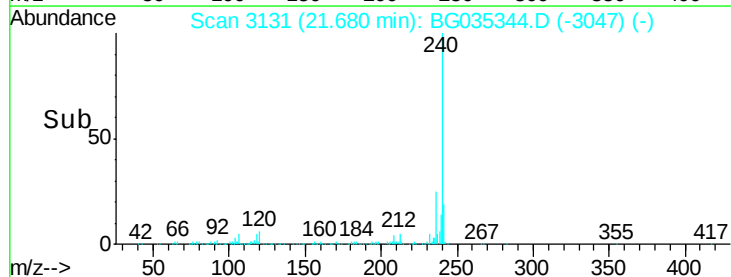
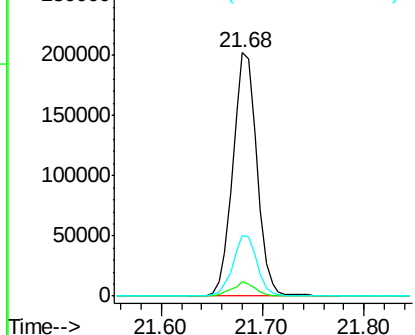


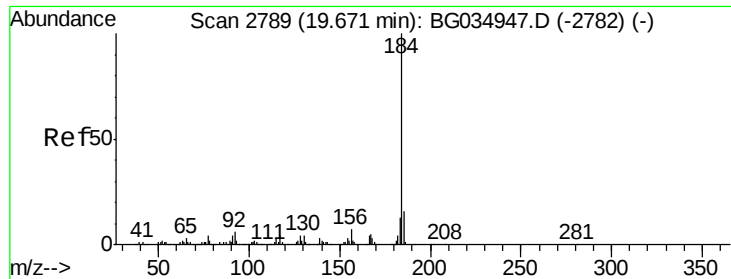
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Tgt Ion:240 Resp: 334722
Ion Ratio Lower Upper
240 100
120 6.1 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: 2.309 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035344.D

Acq: 22 Jun 2018 21:58

Instrument :

BNA_G

ClientSampleId :

SC-01-ABC

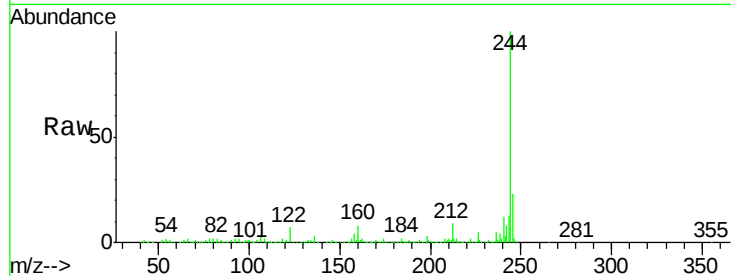
Tgt Ion:184 Resp: 28752

Ion Ratio Lower Upper

184 100

185 16.4 11.1 16.7

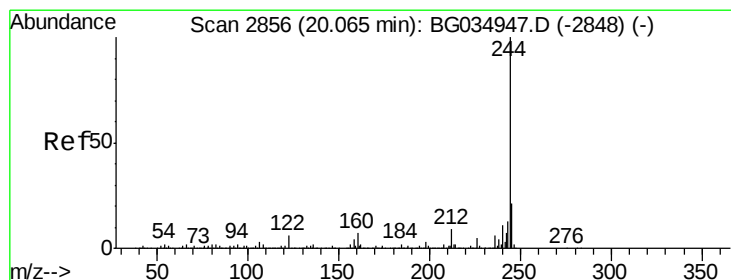
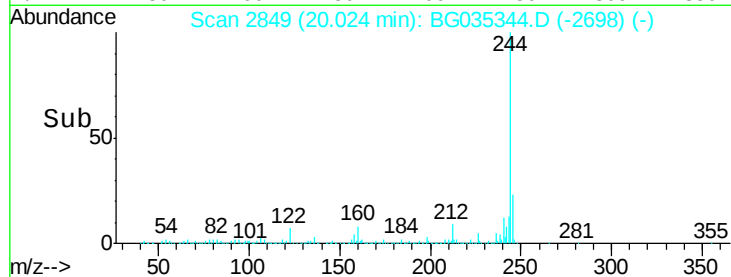
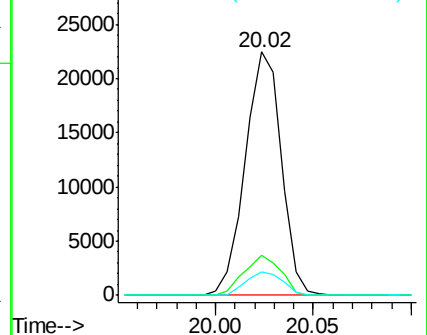
183 9.8 10.6 16.0#



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: 103.611 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035344.D

Acq: 22 Jun 2018 21:58

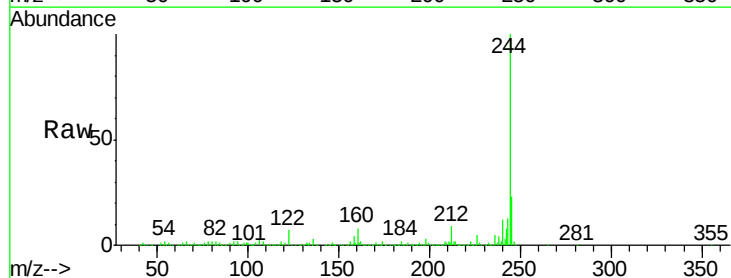
Tgt Ion:244 Resp: 1655668

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

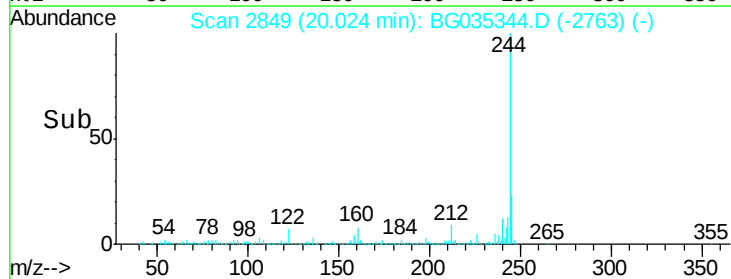
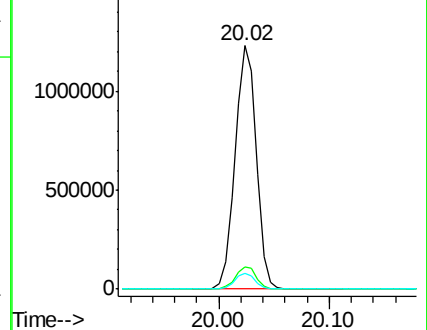
122 6.7 7.0 10.4#

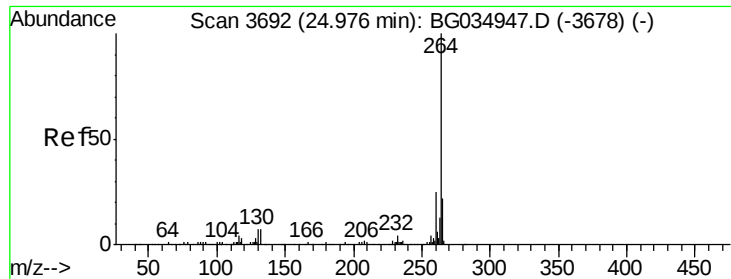


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



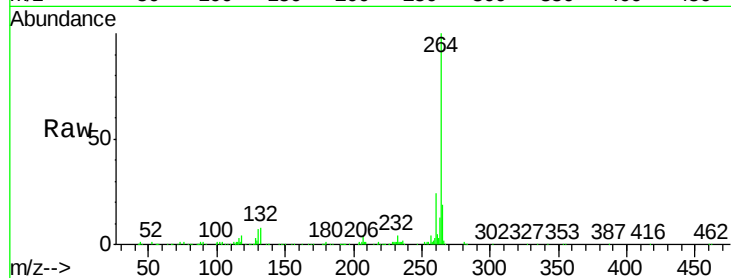


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.05 min
Lab File: BG035344.D
Acq: 22 Jun 2018 21:58

Instrument :
BNA_G
ClientSampleId :
SC-01-ABC

Tgt Ion: 264 Resp: 311907

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	19.5	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

