

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035347.D
 Acq On : 22 Jun 2018 23:54
 Operator : JU/SJ
 Sample : J3581-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSP-B-COMPOSITE

Quant Time: Jun 23 01:09:23 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

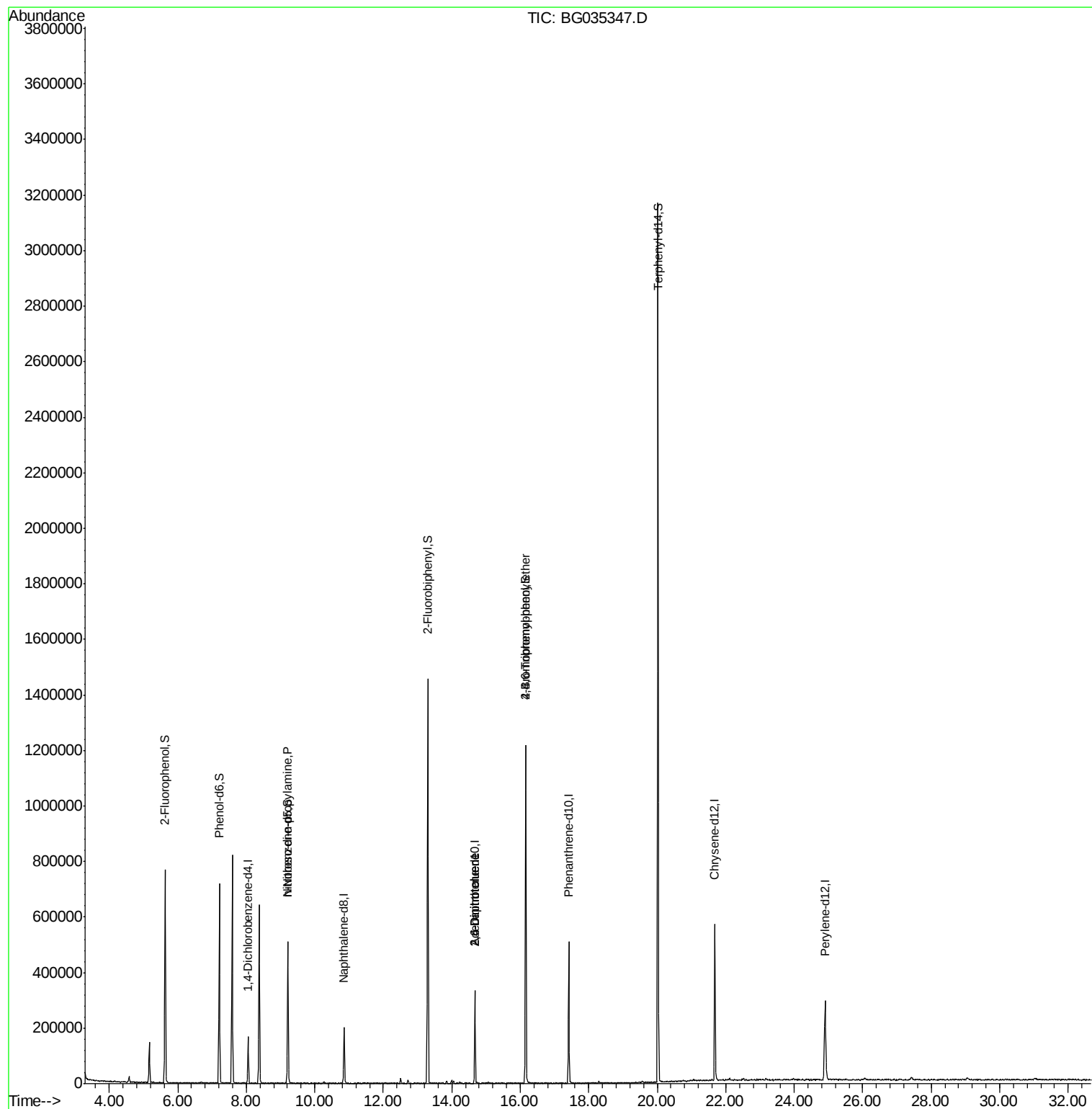
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49041	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	165117	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	114635	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	317352	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	363677	20.00	ng	-0.04
86) Perylene-d12	24.90	264	340925	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	331315	114.01	ng	-0.01
7) Phenol-d6	7.21	99	426711	99.49	ng	-0.01
23) Nitrobenzene-d5	9.22	82	342244	98.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	231354	157.65	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	768642	87.17	ng	-0.03
78) Terphenyl-d14	20.02	244	1515164	87.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	46617	12.793	ng	# 63
50) 2,6-Dinitrotoluene	14.67	165	15431	8.461	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	15431	6.370	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	18147	4.748	ng	# 1

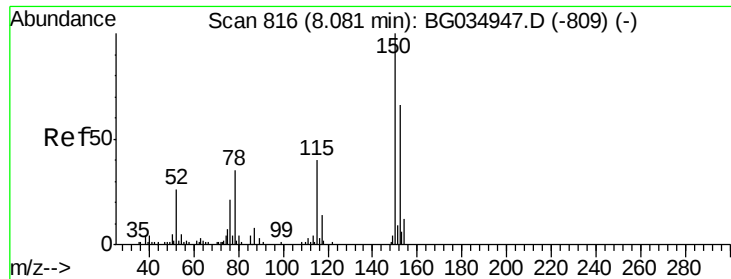
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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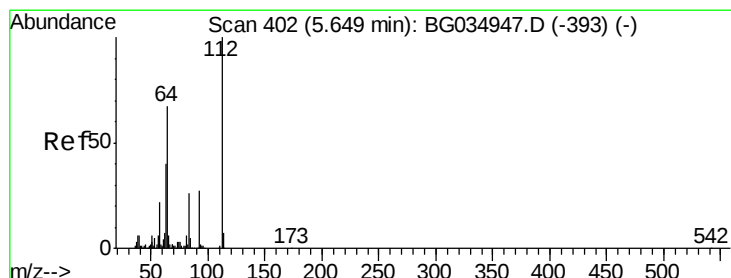
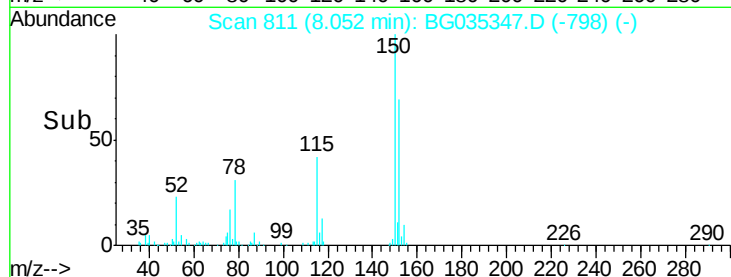
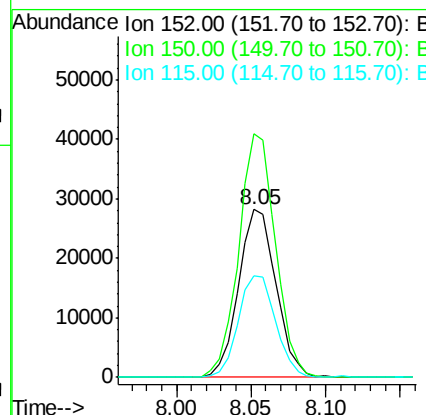
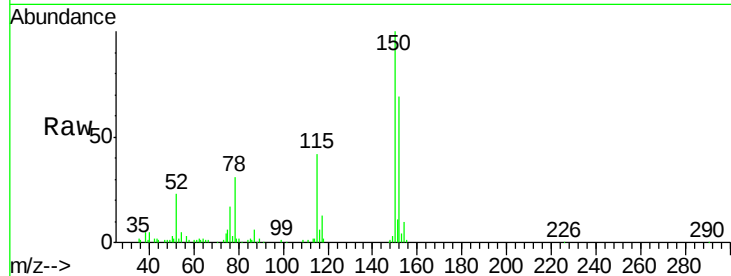


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035347.D
 Acq: 22 Jun 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 SSP-B-COMPOSITE

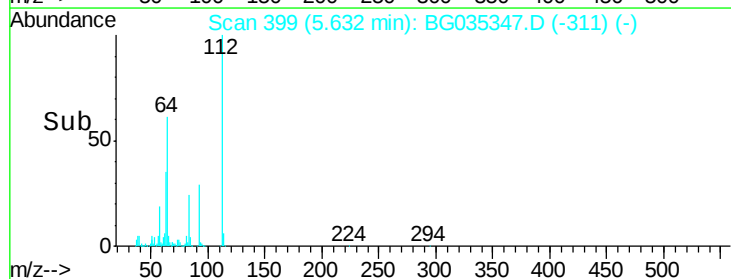
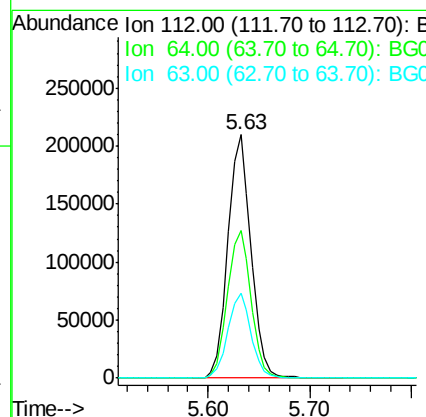
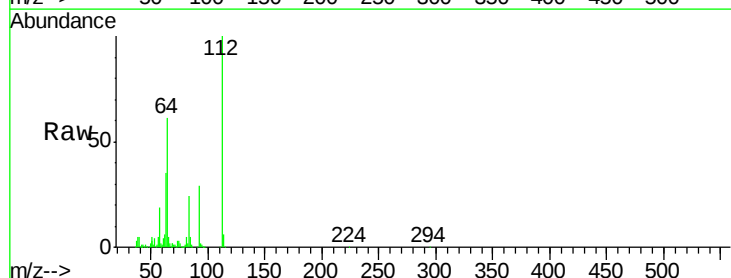
Tgt Ion:152 Resp: 49041
 Ion Ratio Lower Upper
 152 100
 150 145.4 126.6 189.8
 115 60.4 53.0 79.4

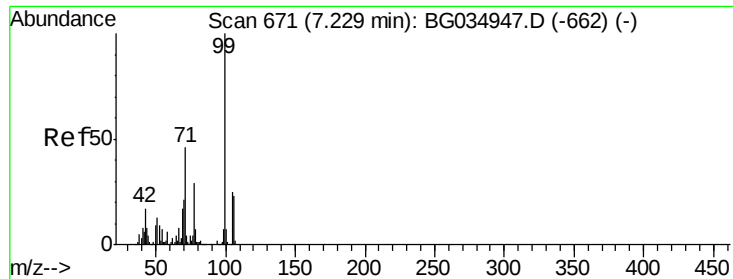


#5

2-Fluorophenol
 Concen: 114.013 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035347.D
 Acq: 22 Jun 2018 23:54

Tgt Ion:112 Resp: 331315
 Ion Ratio Lower Upper
 112 100
 64 60.6 56.3 84.5
 63 34.9 30.1 45.1





#7

Phenol-d6

Concen: 99.489 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035347.D

Acq: 22 Jun 2018 23:54

Instrument :

BNA_G

ClientSampleId :

SSP-B-COMPOSITE

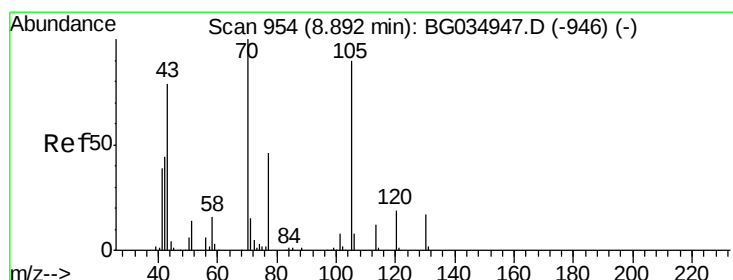
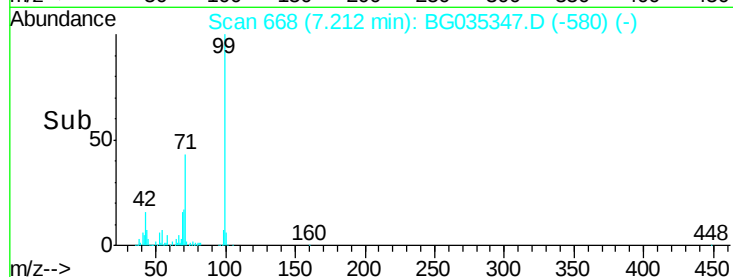
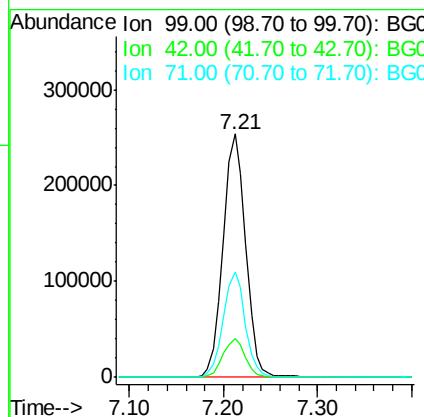
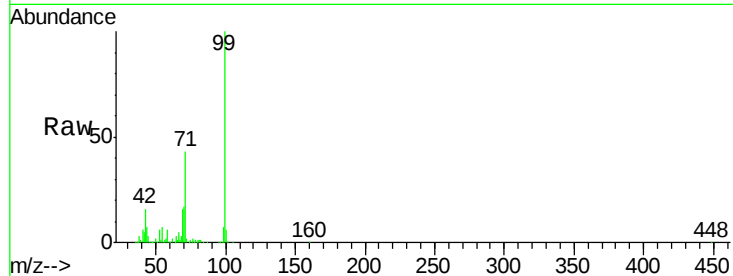
Tgt Ion: 99 Resp: 426711

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 43.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 12.793 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.33 min

Lab File: BG035347.D

Acq: 22 Jun 2018 23:54

Tgt Ion: 70 Resp: 46617

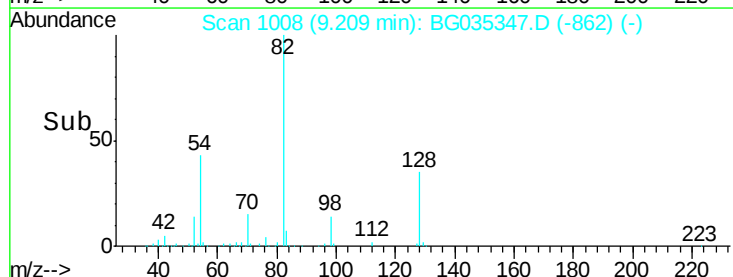
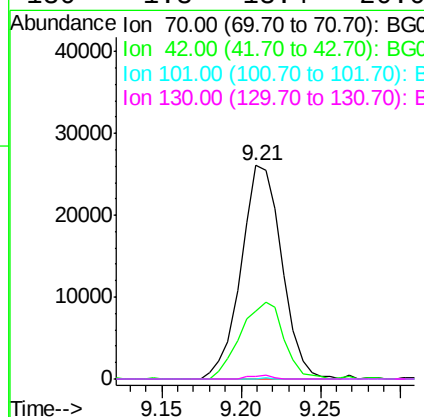
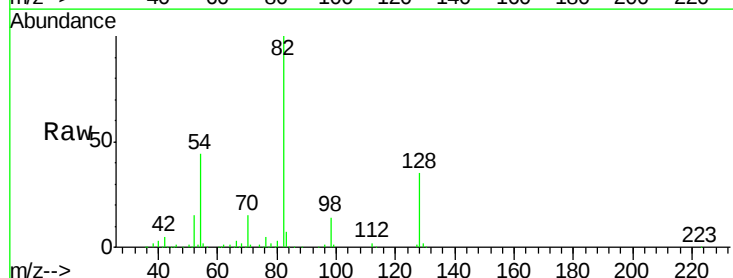
Ion Ratio Lower Upper

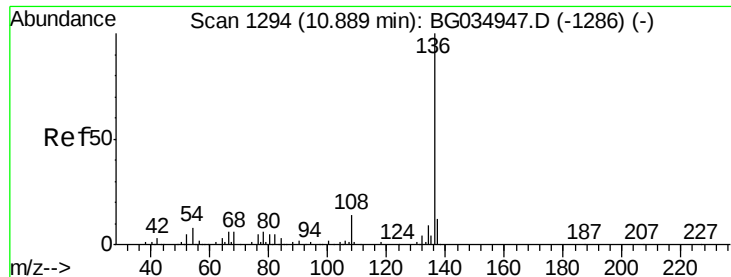
70 100

42 31.9 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

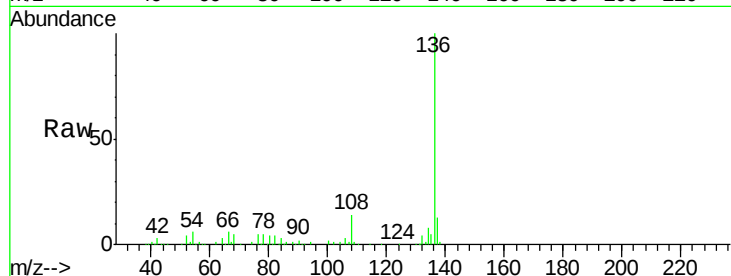




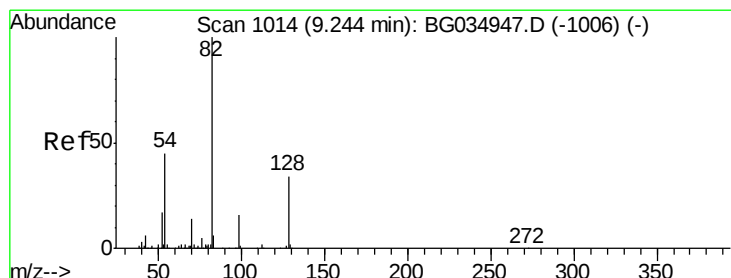
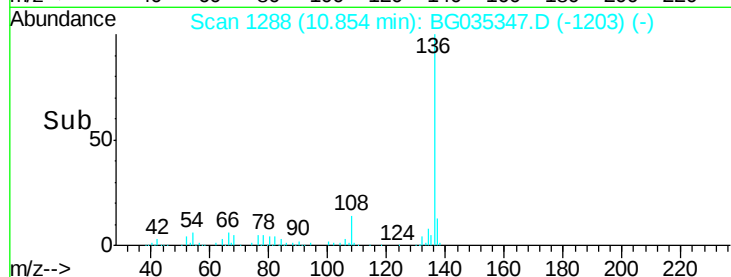
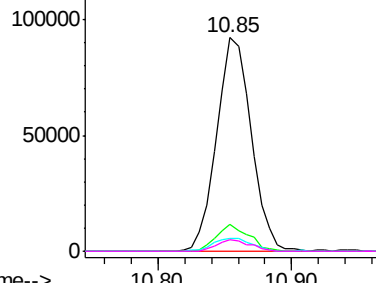
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035347.D
Acq: 22 Jun 2018 23:54

Instrument :
BNA_G
ClientSampleId :
SSP-B-COMPOSITE

Tgt Ion:	136	Resp:	165117
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	6.2	10.3	15.5#
68	5.3	4.5	6.7

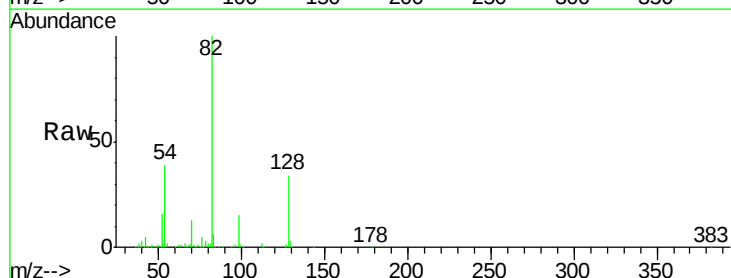


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

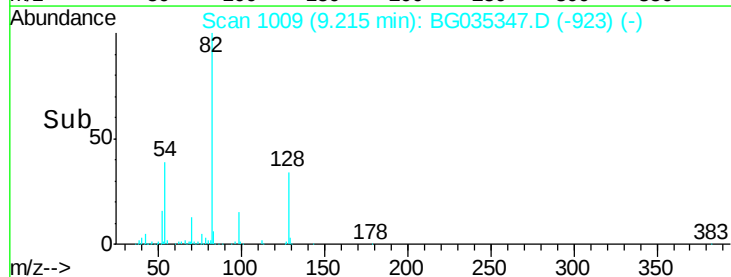
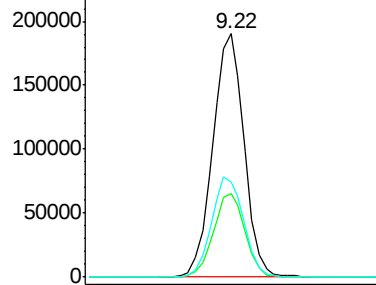


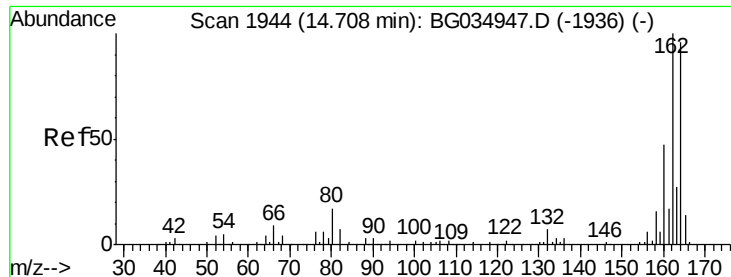
#23
Nitrobenzene-d5
Concen: 98.526 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035347.D
Acq: 22 Jun 2018 23:54

Tgt Ion:	82	Resp:	342244
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	39.1	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG035347.D

Acq: 22 Jun 2018 23:54

Instrument :

BNA_G

ClientSampleId :

SSP-B-COMPOSITE

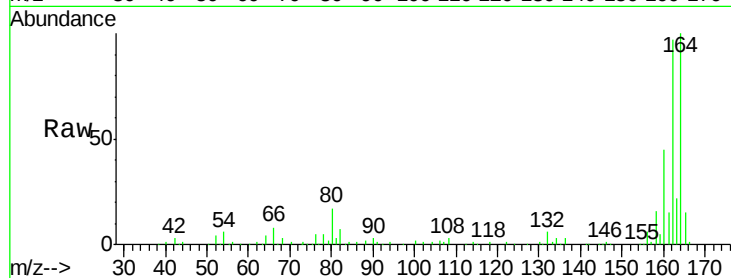
Tgt Ion:164 Resp: 114635

Ion Ratio Lower Upper

164 100

162 97.0 78.8 118.2

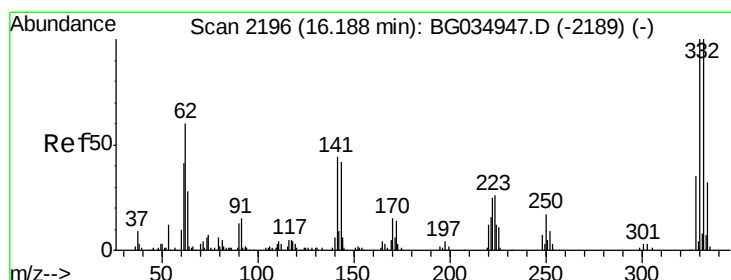
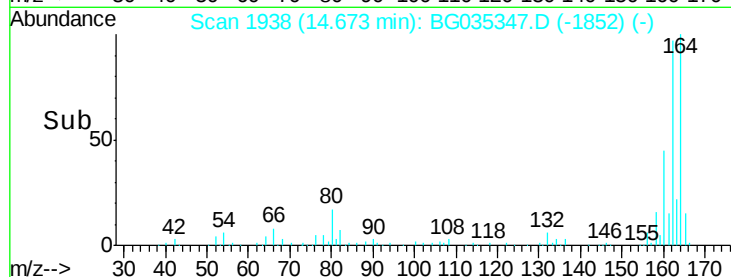
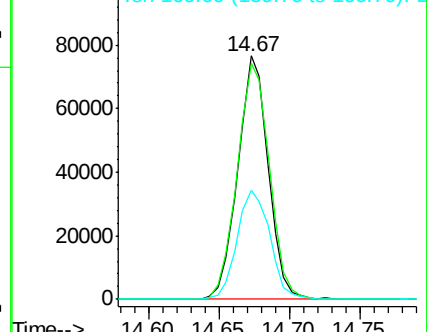
160 44.8 35.4 53.0



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: 157.655 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035347.D

Acq: 22 Jun 2018 23:54

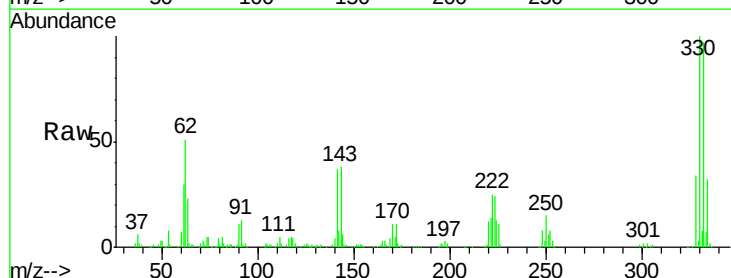
Tgt Ion:330 Resp: 231354

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

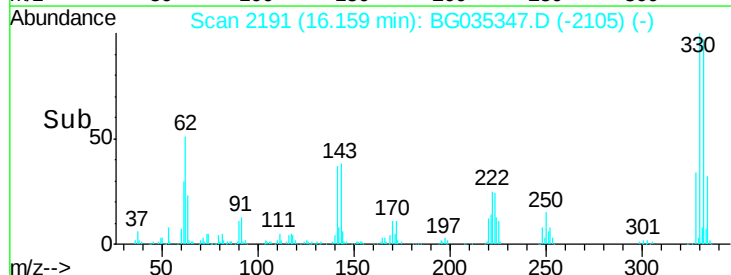
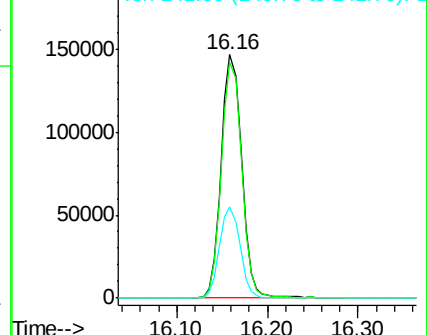
141 37.4 25.2 37.8

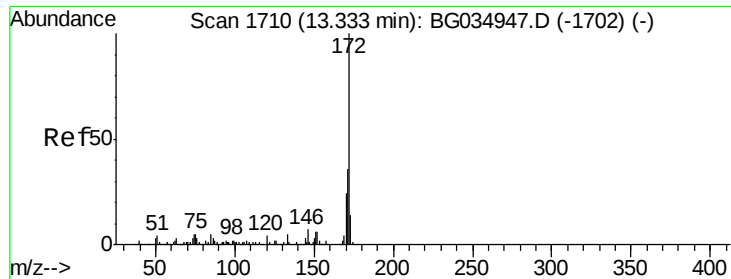


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

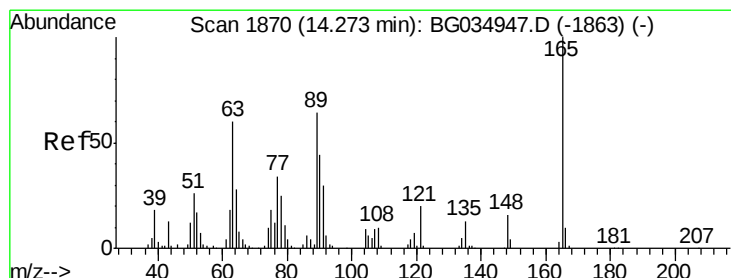
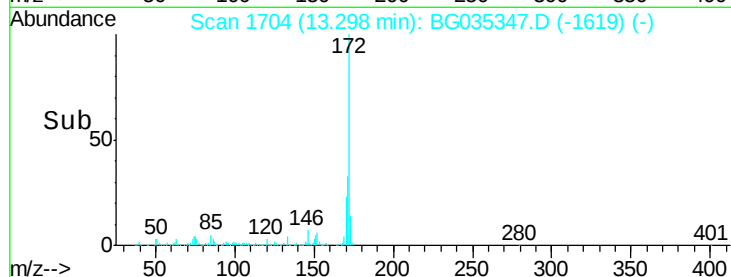
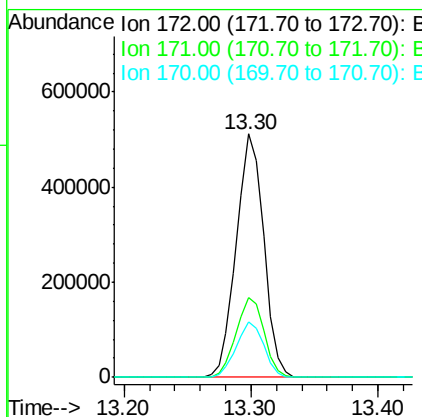
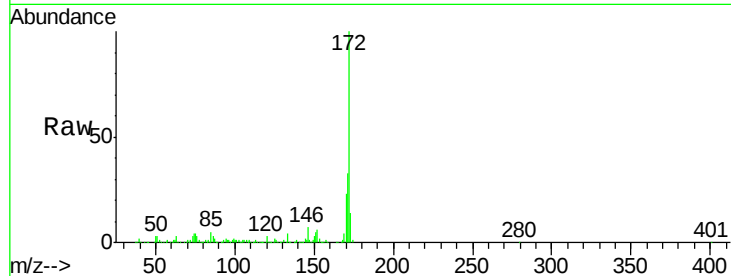




#44
 2-Fluorobiphenyl
 Concen: 87.166 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035347.D
 Acq: 22 Jun 2018 23:54

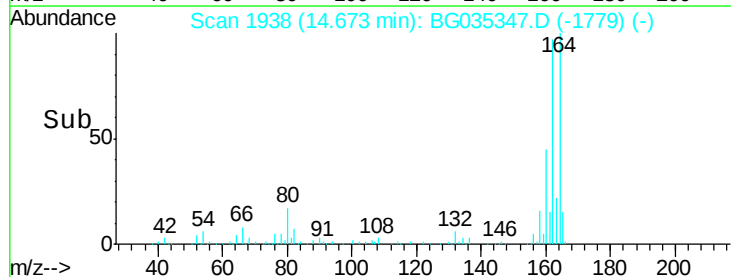
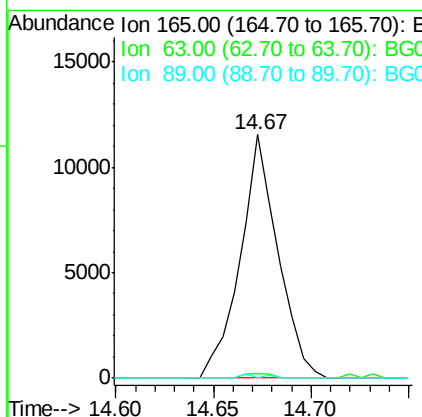
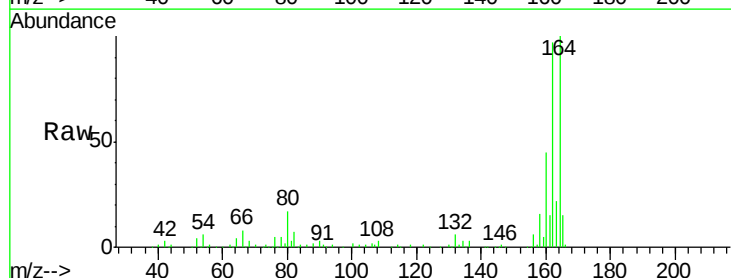
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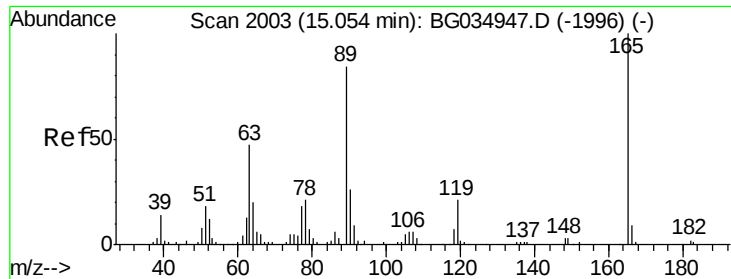
Tgt Ion:172 Resp: 768642
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.0 45.0
 170 22.7 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.461 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.40 min
 Lab File: BG035347.D
 Acq: 22 Jun 2018 23:54

Tgt Ion:165 Resp: 15431
 Ion Ratio Lower Upper
 165 100
 63 1.9 52.7 79.1#
 89 0.0 49.2 73.8#

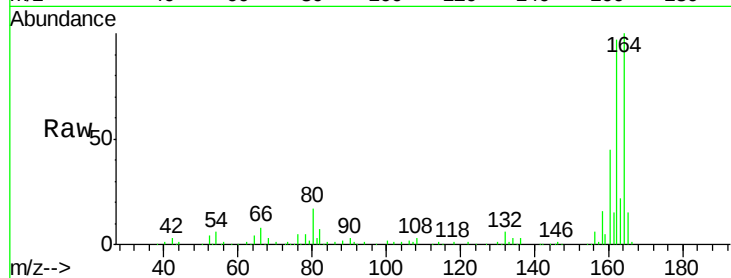




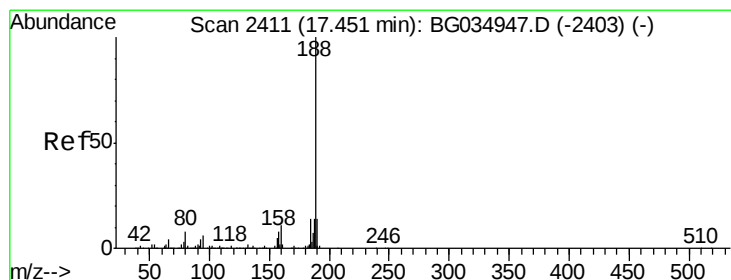
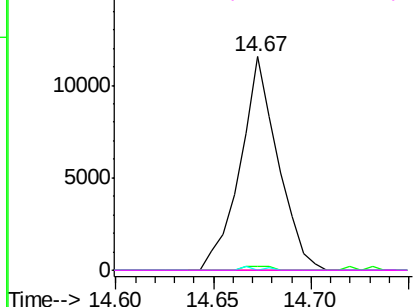
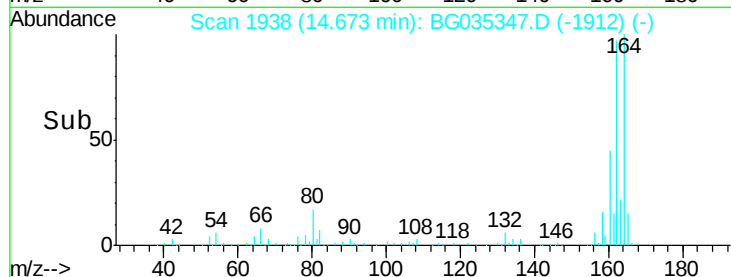
#56
 2,4-Dinitrotoluene
 Concen: 6.370 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035347.D
 Acq: 22 Jun 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 SSP-B-COMPOSITE

Tgt Ion:165 Resp: 15431
 Ion Ratio Lower Upper
 165 100
 63 1.9 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

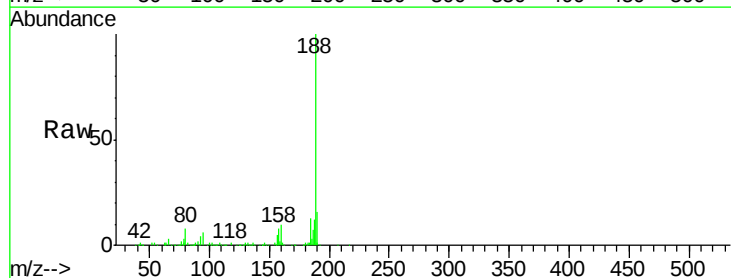


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

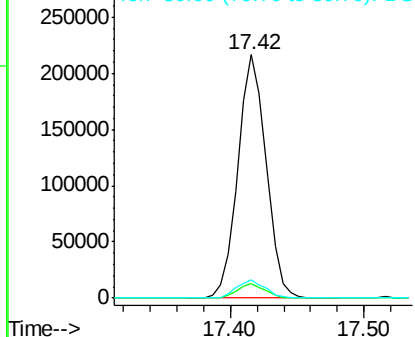
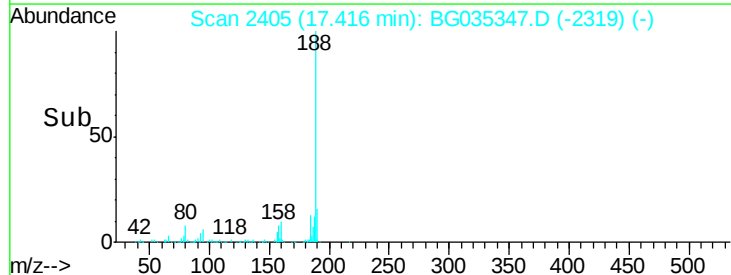


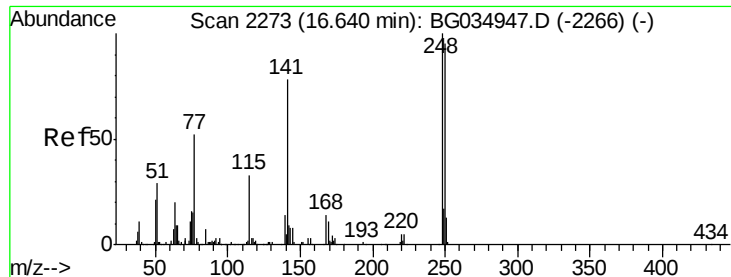
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035347.D
 Acq: 22 Jun 2018 23:54

Tgt Ion:188 Resp: 317352
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 7.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

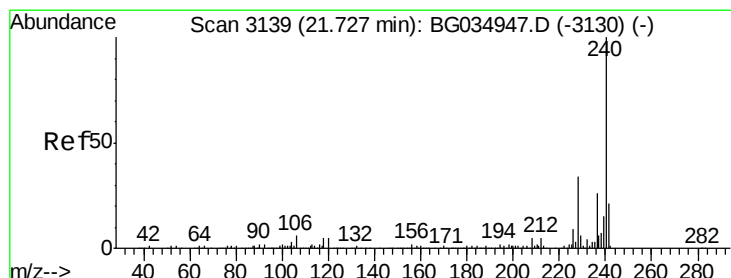
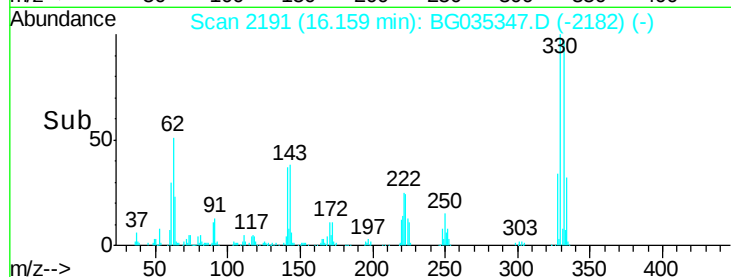
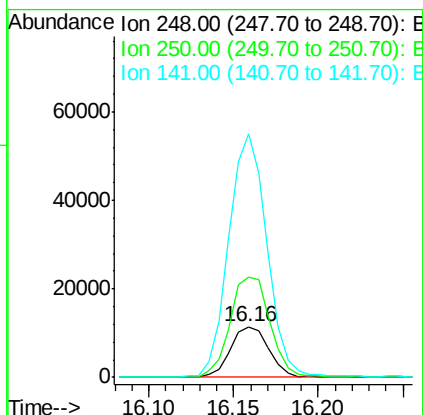
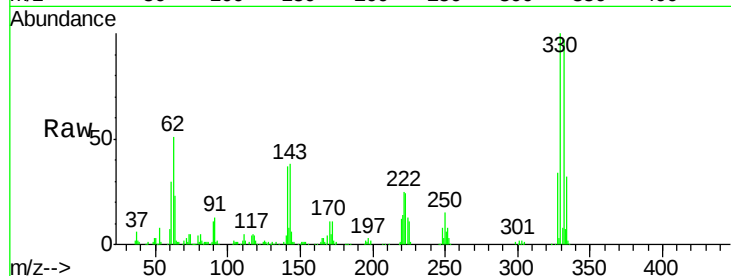




#66
4-Bromophenyl-phenylether
Concen: 4.748 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035347.D
Acq: 22 Jun 2018 23:54

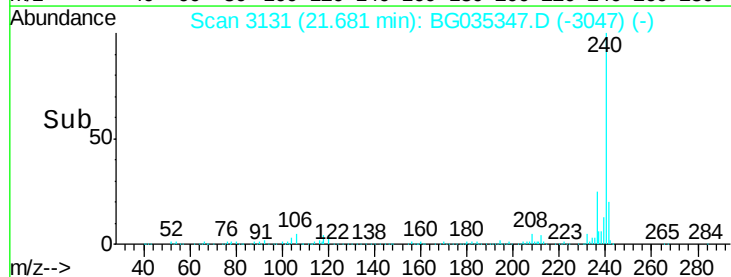
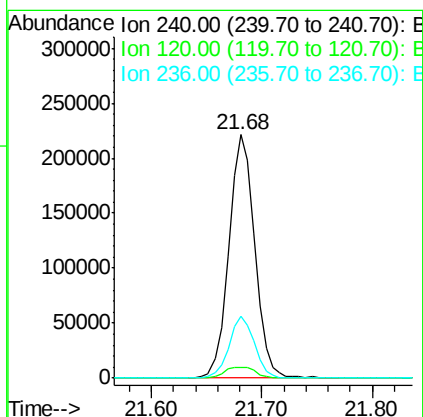
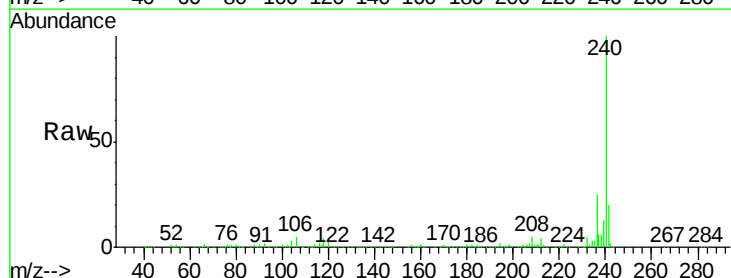
Instrument :
BNA_G
ClientSampleId :
SSP-B-COMPOSITE

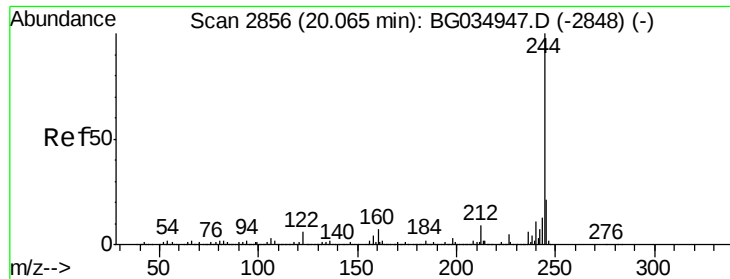
Tgt Ion:248 Resp: 18147
Ion Ratio Lower Upper
248 100
250 197.6 77.1 115.7#
141 479.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035347.D
Acq: 22 Jun 2018 23:54

Tgt Ion:240 Resp: 363677
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 87.269 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035347.D

Acq: 22 Jun 2018 23:54

Instrument :

BNA_G

ClientSampleId :

SSP-B-COMPOSITE

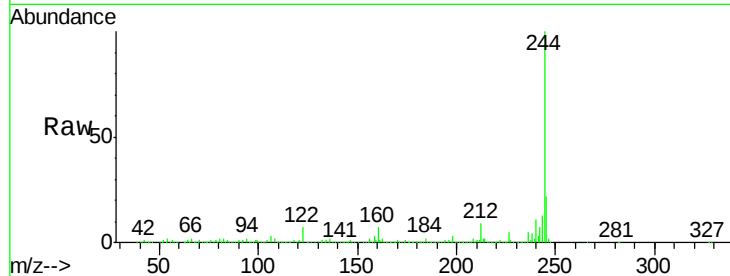
Tgt Ion:244 Resp: 1515164

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

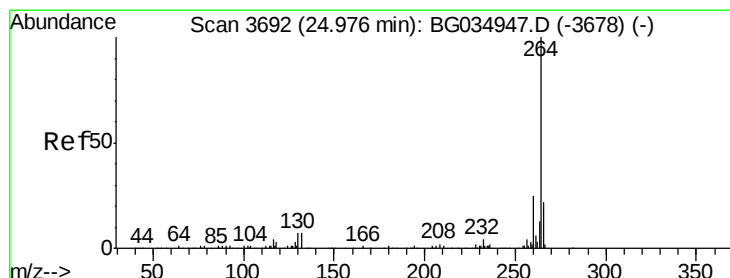
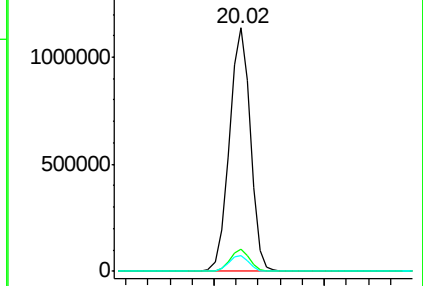
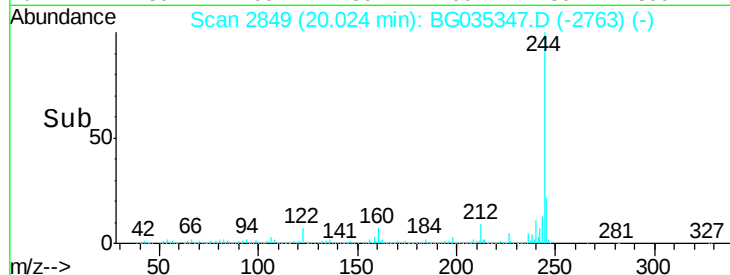
122 6.5 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035347.D

Acq: 22 Jun 2018 23:54

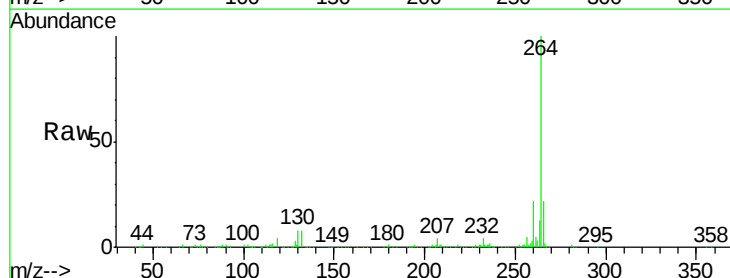
Tgt Ion:264 Resp: 340925

Ion Ratio Lower Upper

264 100

260 22.2 17.4 26.0

265 21.5 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

