

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035484.D
 Acq On : 28 Jun 2018 18:58
 Operator : JU/SJ
 Sample : PB110650TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110650TB

Quant Time: Jun 29 02:37:28 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

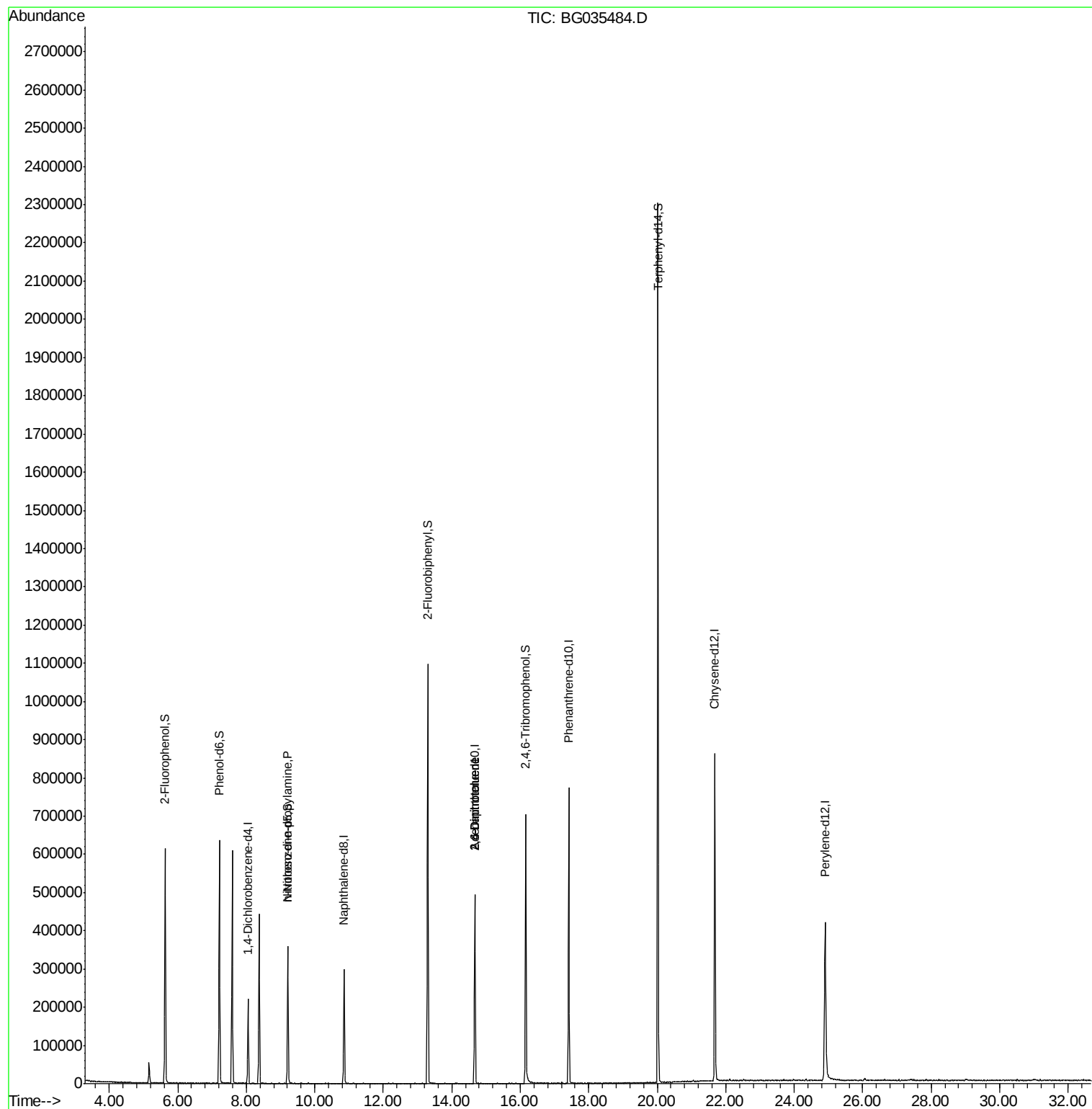
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	66023	20.00	ng	-0.03
21) Naphthalene-d8	10.85	136	245923	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	178972	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	488860	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	557173	20.00	ng	-0.04
86) Perylene-d12	24.90	264	507383	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	270272	69.08	ng	-0.01
7) Phenol-d6	7.21	99	388986	67.37	ng	-0.01
23) Nitrobenzene-d5	9.21	82	247553	47.85	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	143316	62.55	ng	-0.03
44) 2-Fluorobiphenyl	13.30	172	593999	43.15	ng	-0.03
78) Terphenyl-d14	20.02	244	1143166	42.98	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	33708	6.871	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	24069	8.454	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	24069	6.364	ng	# 19

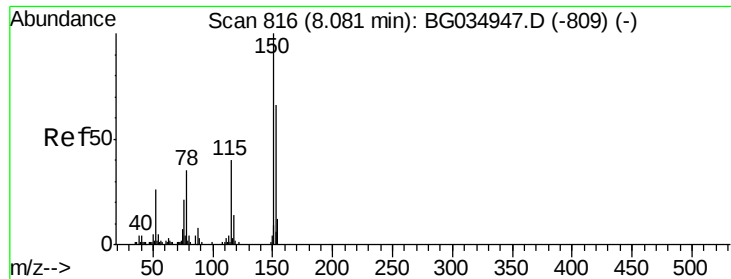
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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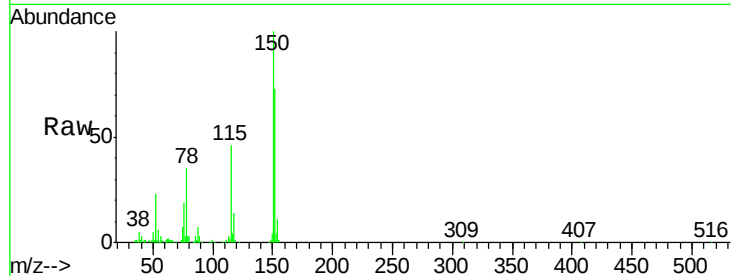


#1

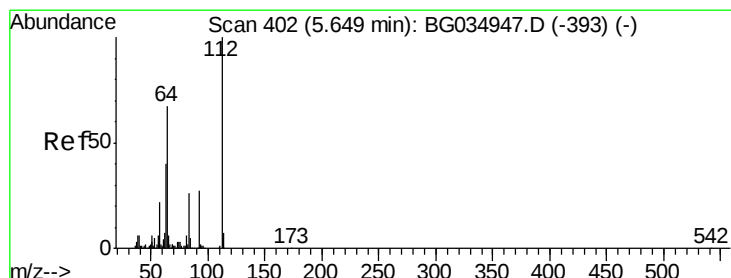
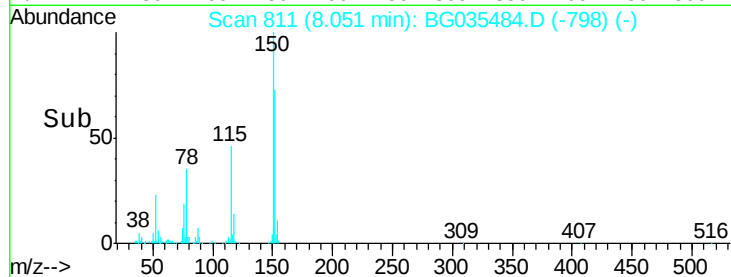
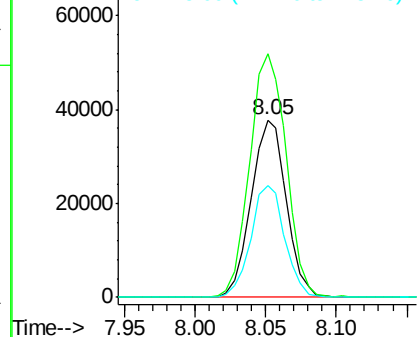
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.03 min
Lab File: BG035484.D
Acq: 28 Jun 2018 18:58

Instrument :
BNA_G
ClientSampleId :
PB110650TB

Tgt Ion:152 Resp: 66023
Ion Ratio Lower Upper
152 100
150 137.1 126.6 189.8
115 63.3 53.0 79.4



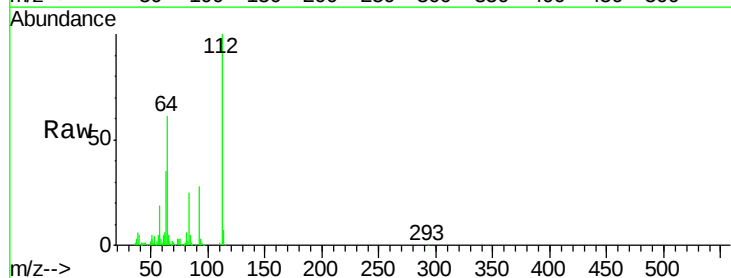
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



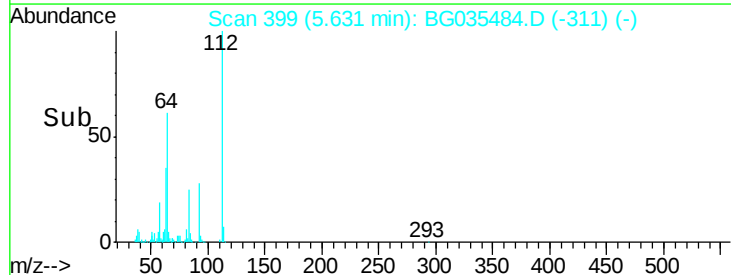
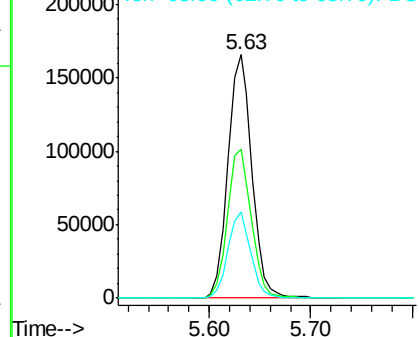
#5

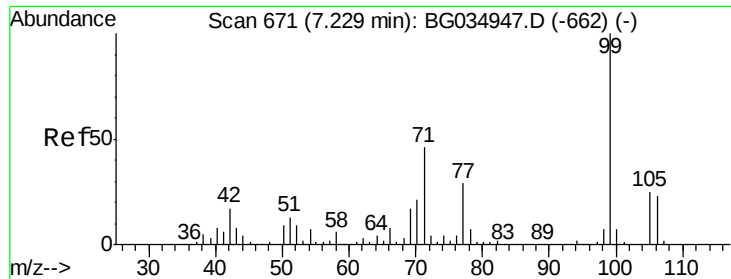
2-Fluorophenol
Concen: 69.084 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035484.D
Acq: 28 Jun 2018 18:58

Tgt Ion:112 Resp: 270272
Ion Ratio Lower Upper
112 100
64 61.0 56.3 84.5
63 35.2 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: 67.366 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035484.D

Acq: 28 Jun 2018 18:58

Instrument :

BNA_G

ClientSampleId :

PB110650TB

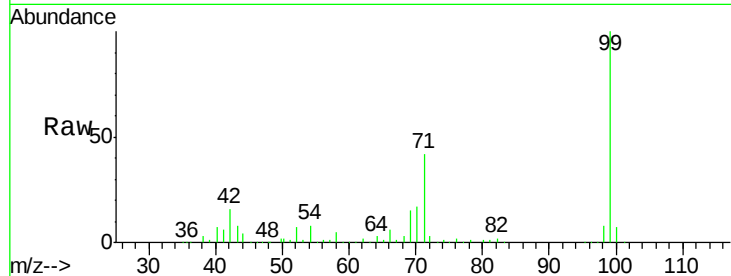
Tgt Ion: 99 Resp: 388986

Ion Ratio Lower Upper

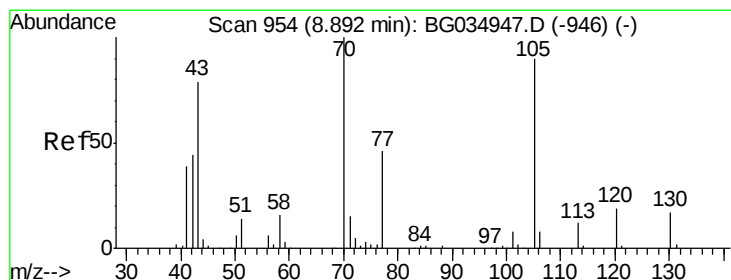
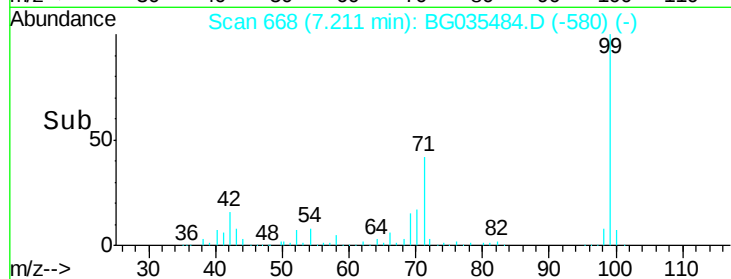
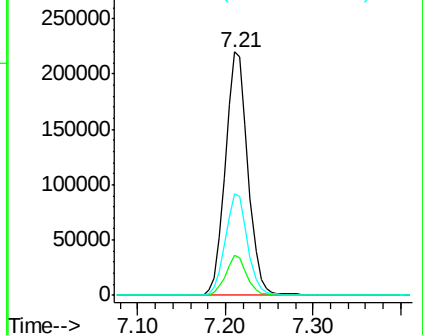
99 100

42 16.4 14.1 21.1

71 41.6 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 6.871 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035484.D

Acq: 28 Jun 2018 18:58

Tgt Ion: 70 Resp: 33708

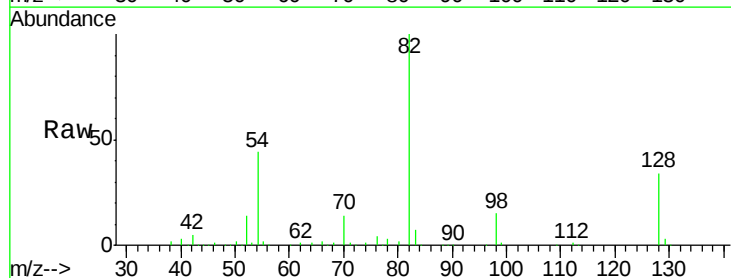
Ion Ratio Lower Upper

70 100

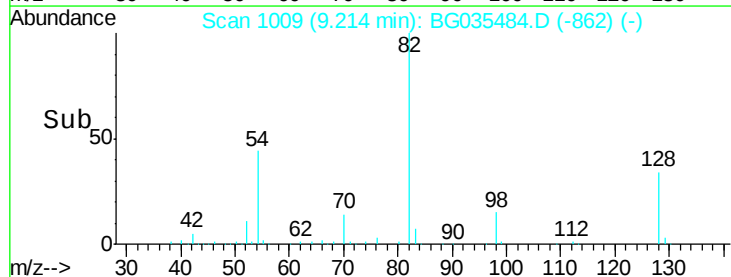
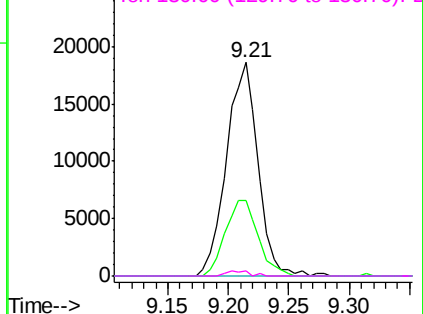
42 35.1 49.1 73.7#

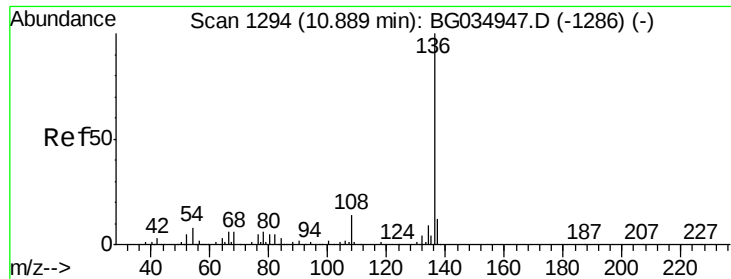
101 0.0 8.5 12.7#

130 2.6 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

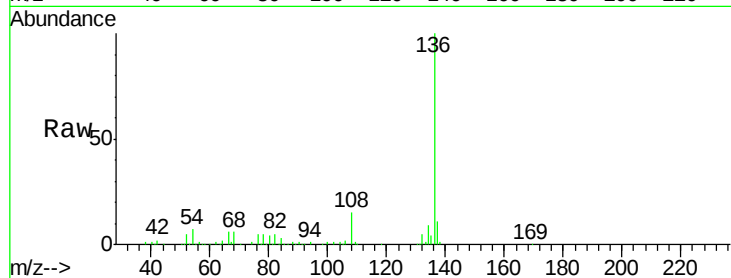




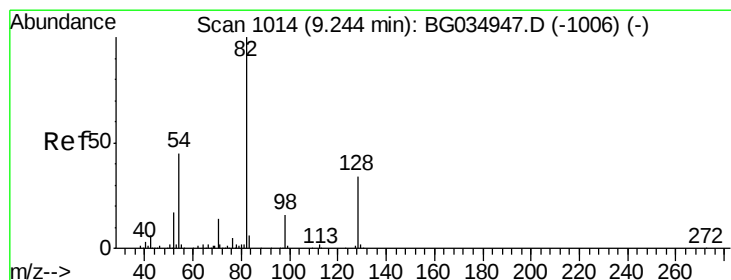
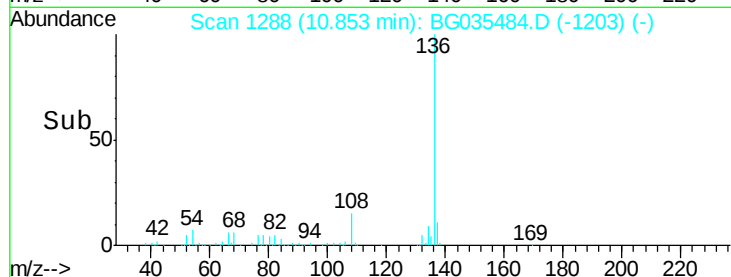
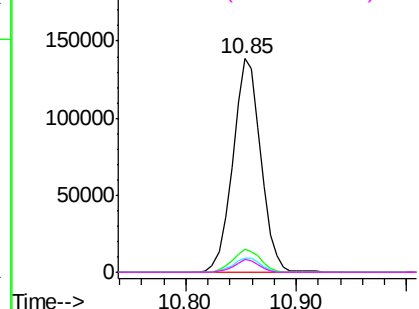
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035484.D
Acq: 28 Jun 2018 18:58

Instrument :
BNA_G
ClientSampleId :
PB110650TB

Tgt Ion:	136	Resp:	245923
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.9	10.3	15.5#
68	6.1	4.5	6.7

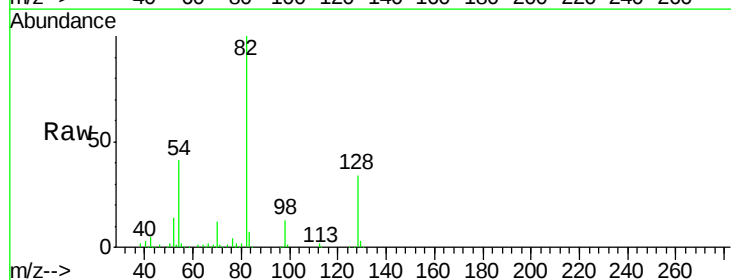


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

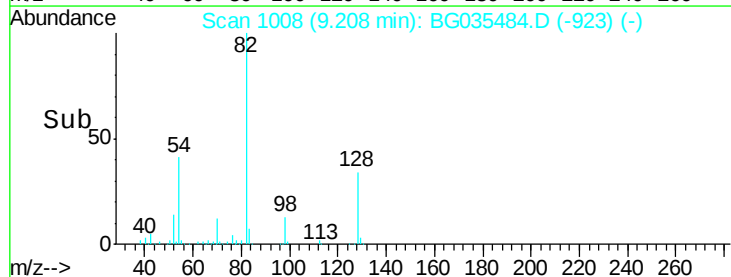
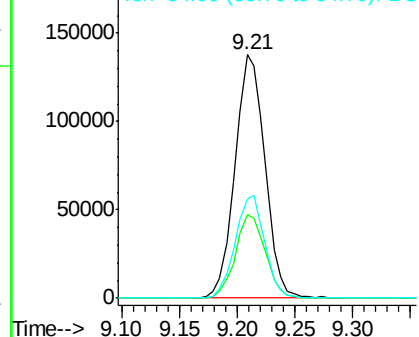


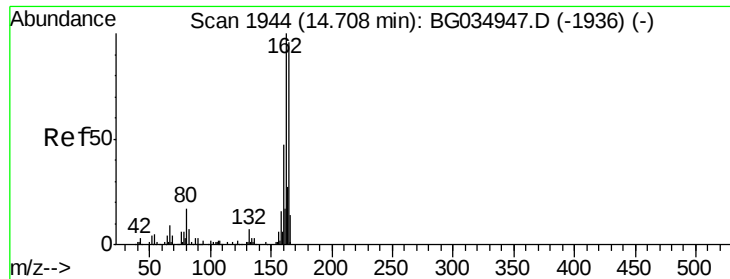
#23
Nitrobenzene-d5
Concen: 47.849 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035484.D
Acq: 28 Jun 2018 18:58

Tgt Ion:	82	Resp:	247553
Ion	Ratio	Lower	Upper
82	100		
128	34.3	29.7	44.5
54	40.5	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. -0.03 min

Lab File: BG035484.D

Acq: 28 Jun 2018 18:58

Instrument :

BNA_G

ClientSampleId :

PB110650TB

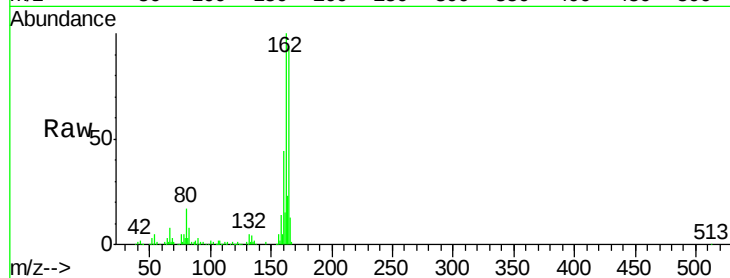
Tgt Ion:164 Resp: 178972

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

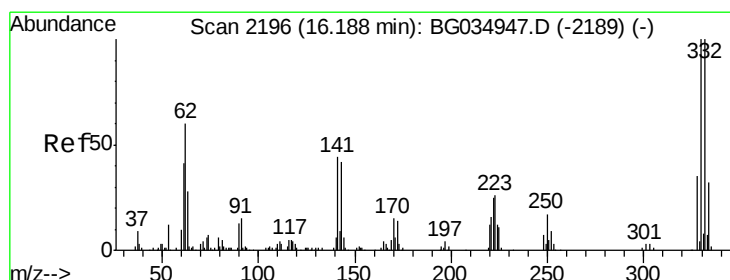
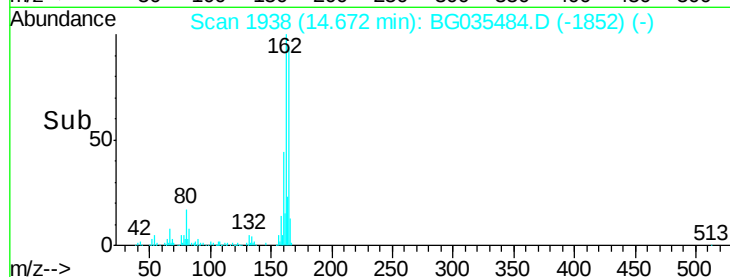
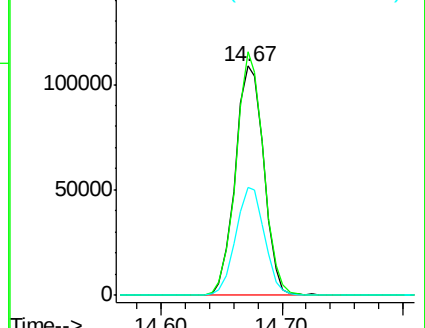
160 47.1 35.4 53.0



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: 62.554 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.03 min

Lab File: BG035484.D

Acq: 28 Jun 2018 18:58

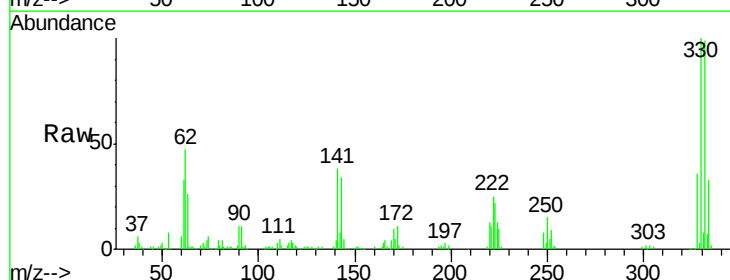
Tgt Ion:330 Resp: 143316

Ion Ratio Lower Upper

330 100

332 98.9 77.0 115.6

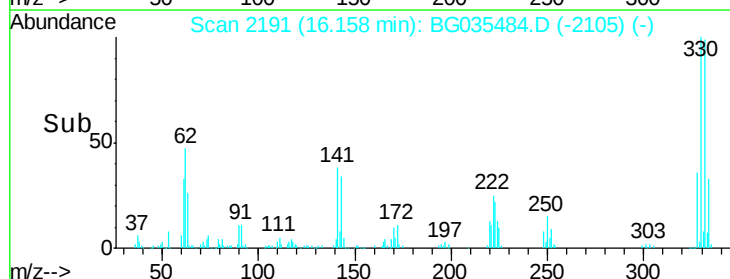
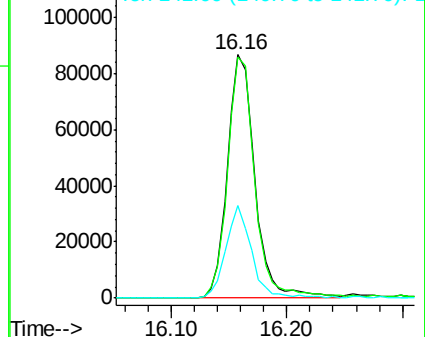
141 35.8 25.2 37.8

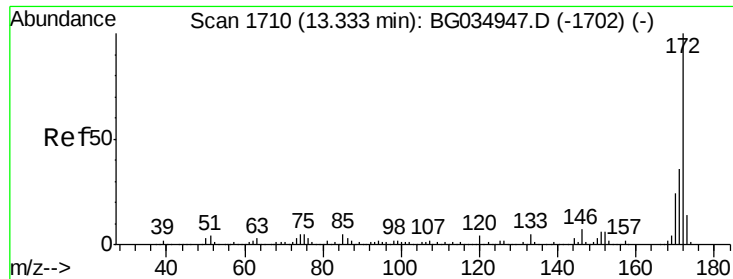


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

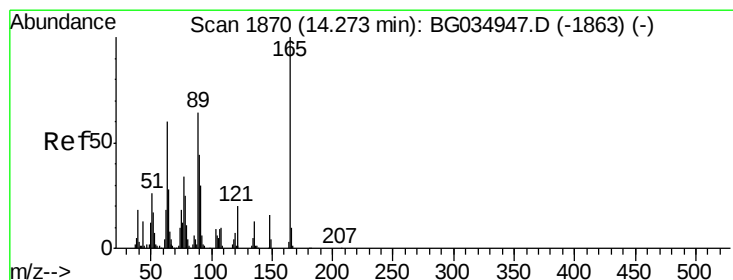
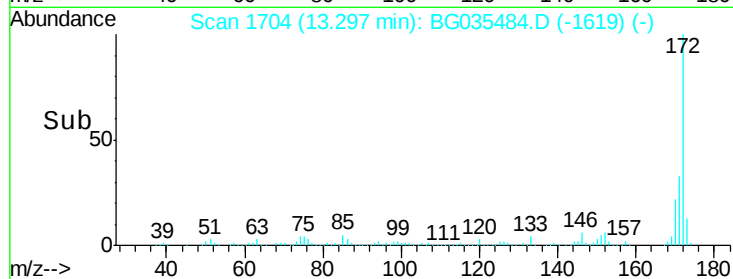
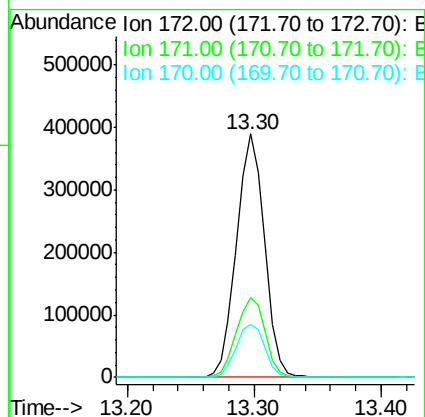
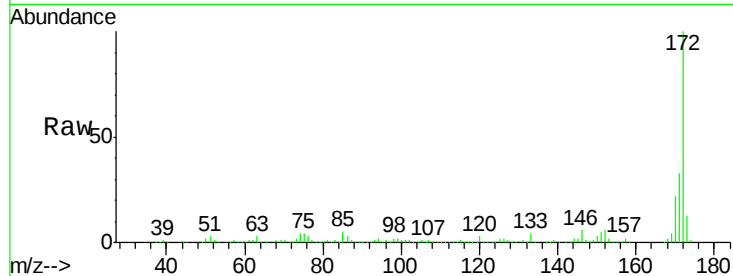




#44
 2-Fluorobiphenyl
 Concen: 43.146 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035484.D
 Acq: 28 Jun 2018 18:58

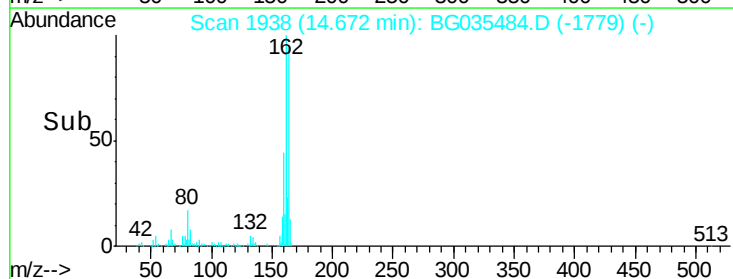
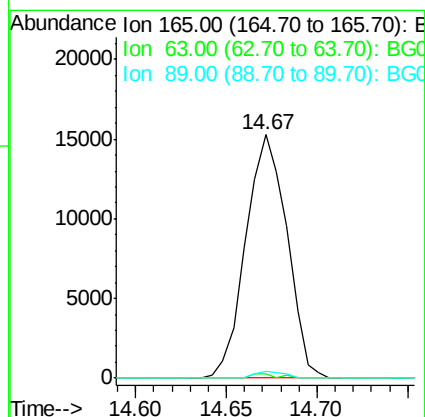
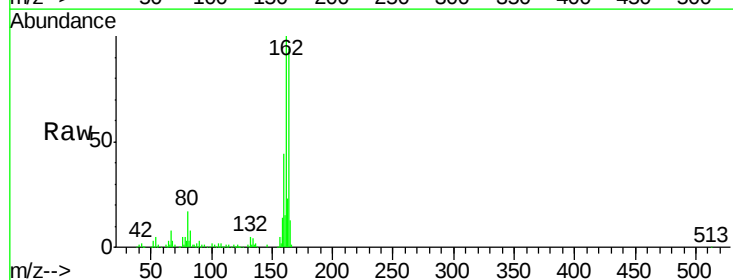
Instrument :
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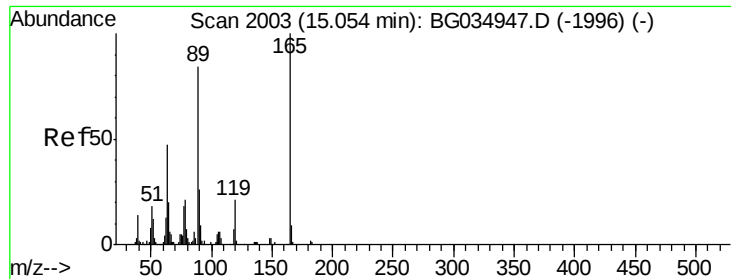
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.0	45.0
170	21.8	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.454 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.40 min
 Lab File: BG035484.D
 Acq: 28 Jun 2018 18:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	52.7	79.1#
89	2.8	49.2	73.8#

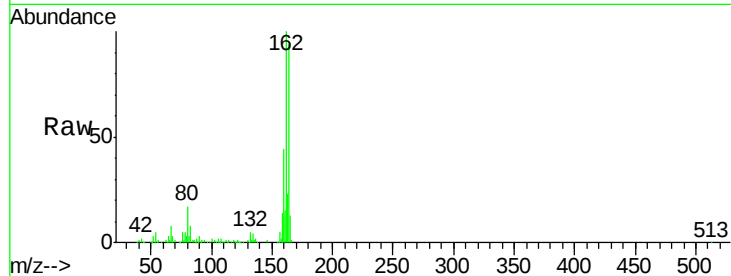




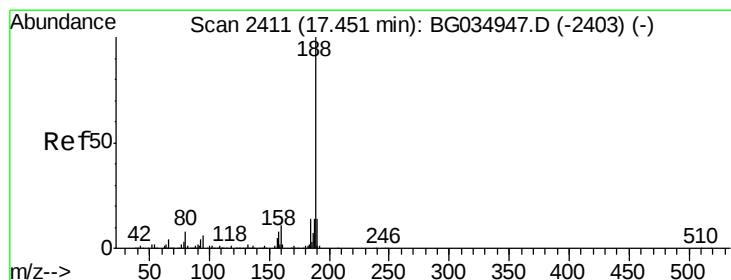
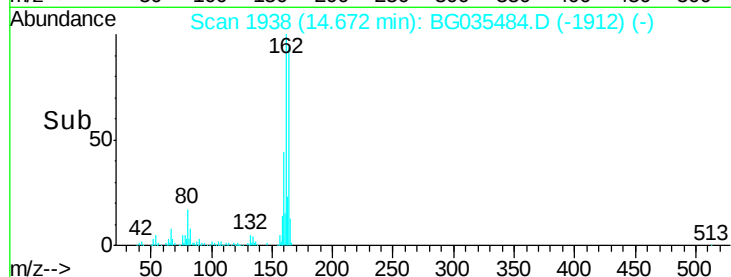
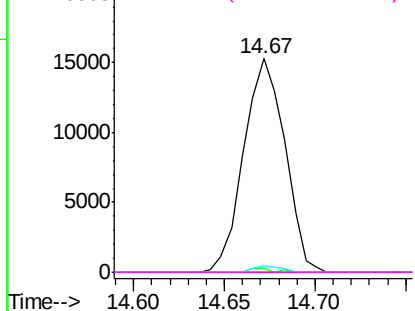
#56
 2,4-Dinitrotoluene
 Concen: 6.364 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035484.D
 Acq: 28 Jun 2018 18:58

Instrument :
 BNA_G
 ClientSampleId :
 PB110650TB

Tgt Ion:165 Resp: 24069
 Ion Ratio Lower Upper
 165 100
 63 1.9 42.0 63.0#
 89 2.8 66.9 100.3#
 182 0.0 2.6 3.8#

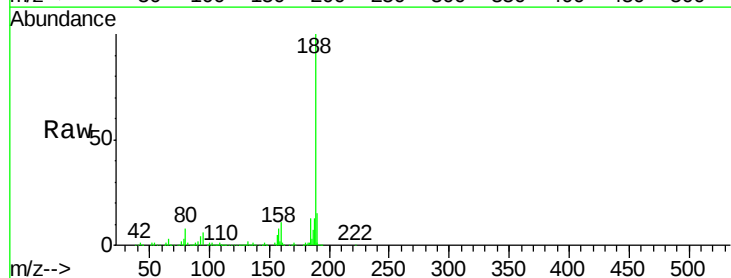


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

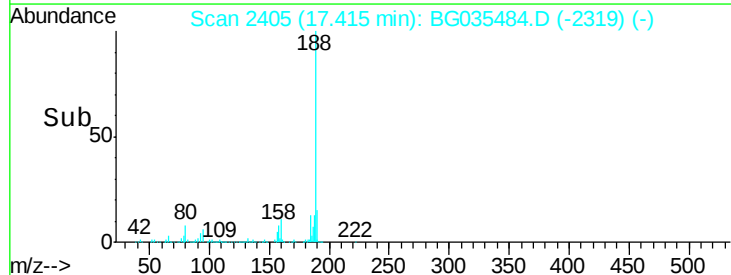
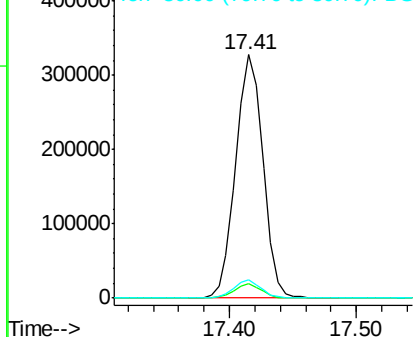


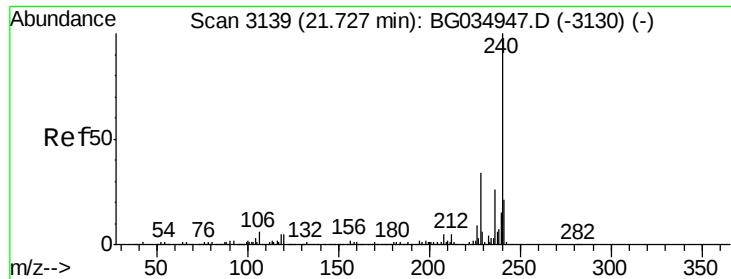
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2405
 Delta R.T. -0.03 min
 Lab File: BG035484.D
 Acq: 28 Jun 2018 18:58

Tgt Ion:188 Resp: 488860
 Ion Ratio Lower Upper
 188 100
 94 5.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035484.D

Acq: 28 Jun 2018 18:58

Instrument :

BNA_G

ClientSampleId :

PB110650TB

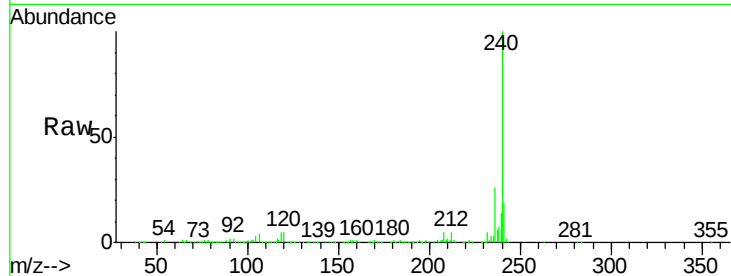
Tgt Ion:240 Resp: 557173

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

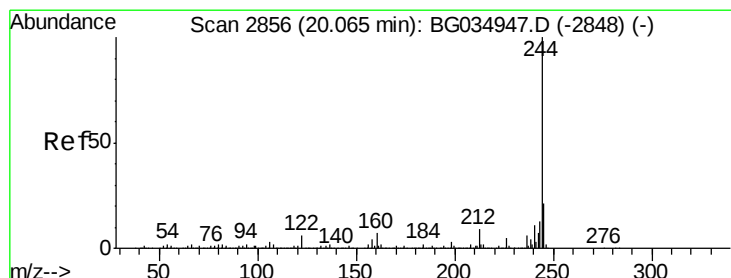
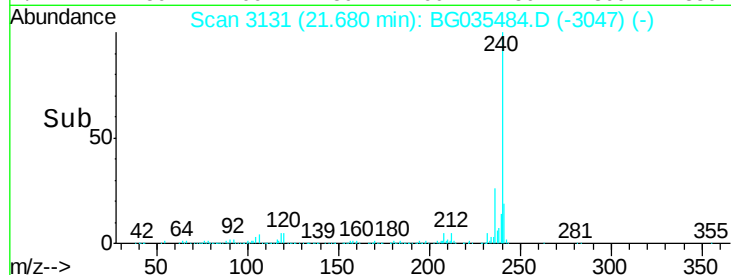
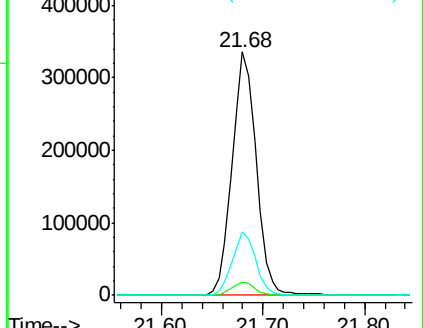
236 25.9 20.9 31.3



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



#78

Terphenyl-d14

Concen: 42.977 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.03 min

Lab File: BG035484.D

Acq: 28 Jun 2018 18:58

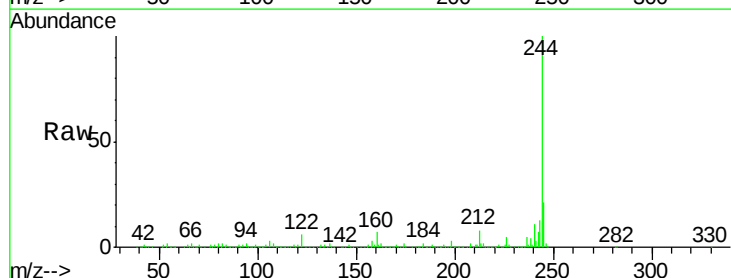
Tgt Ion:244 Resp: 1143166

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

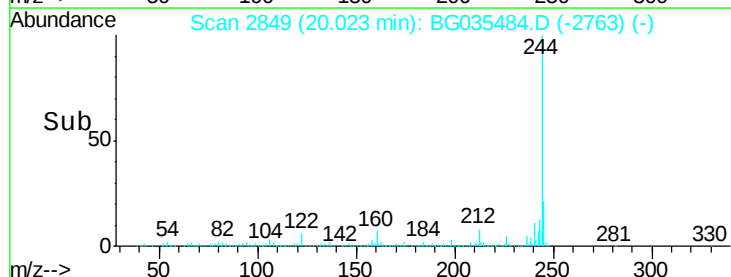
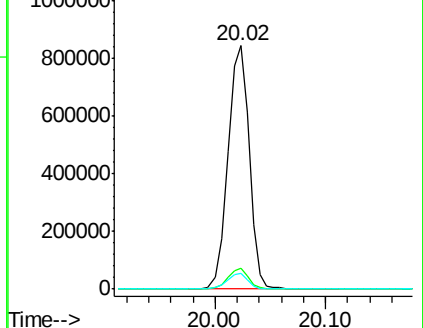
122 6.5 7.0 10.4#

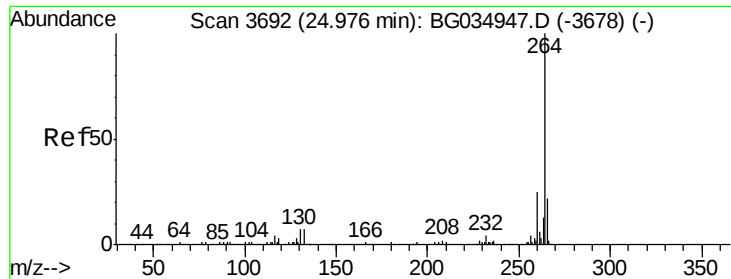


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3680
Delta R.T. -0.05 min
Lab File: BG035484.D
Acq: 28 Jun 2018 18:58

Instrument :
BNA_G
ClientSampleId :
PB110650TB

Tgt Ion: 264 Resp: 507383

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	21.5	17.7	26.5

