

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035392.D
 Acq On : 26 Jun 2018 1:18
 Operator : JU/SJ
 Sample : J3240-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 06:43:18 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

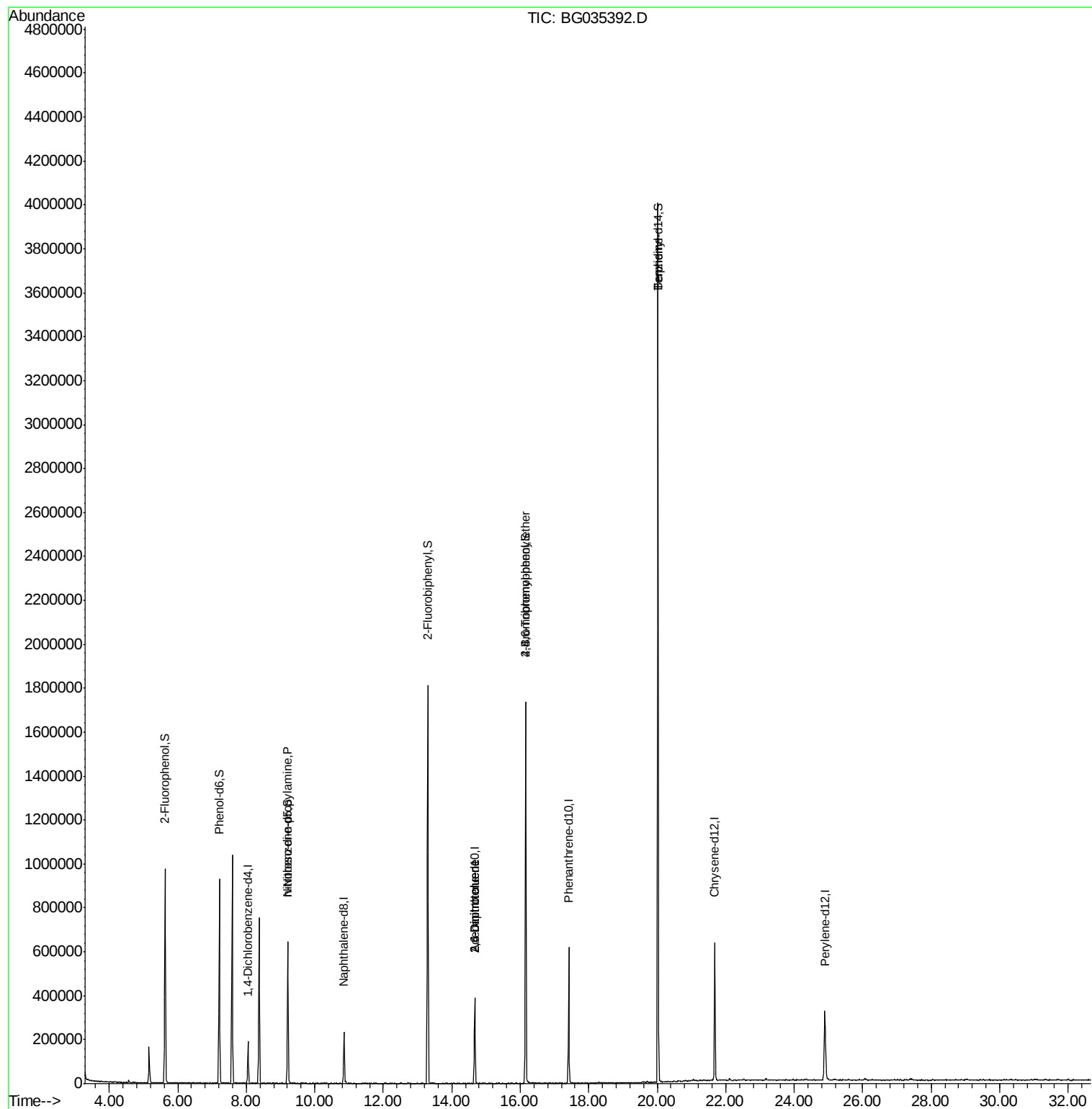
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51249	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	194506	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	136699	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	382238	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	410619	20.00	ng	-0.04
86) Perylene-d12	24.89	264	377354	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	433121	142.62	ng	-0.01
7) Phenol-d6	7.21	99	569406	127.04	ng	-0.01
23) Nitrobenzene-d5	9.21	82	438679	107.21	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	321389	183.66	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	974611	92.68	ng	-0.03
78) Terphenyl-d14	20.02	244	1884528	96.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	59618	15.656	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	19555	8.992	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	19555	6.769	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	25821	5.610	ng	# 1
76) Benzidine	20.02	184	31931	2.090	ng	# 91

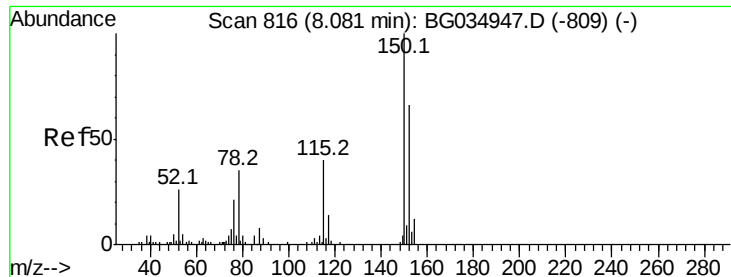
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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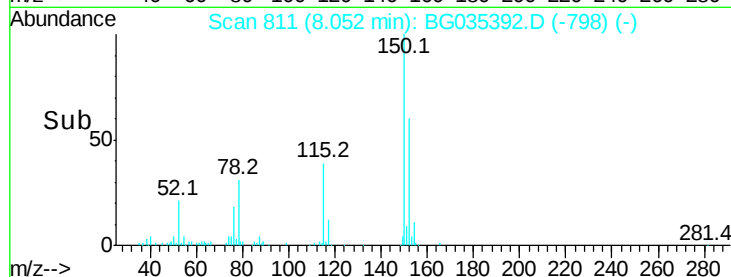
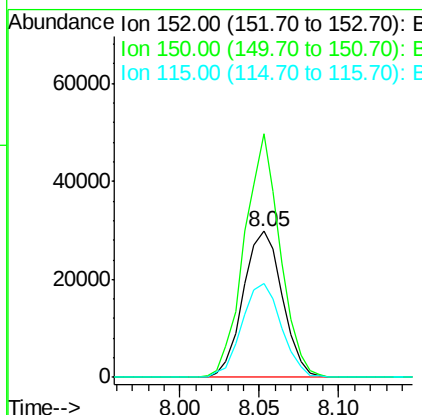
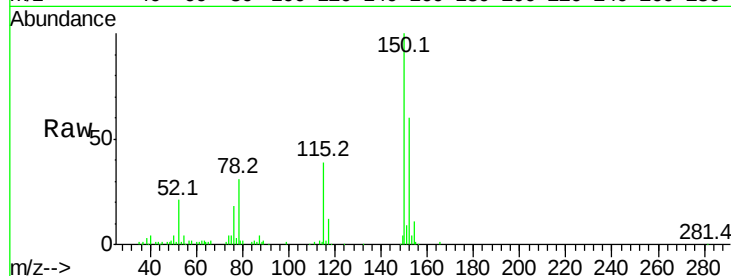


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035392.D
Acq: 26 Jun 2018 1:18

Instrument :
BNA_G
ClientSampled :

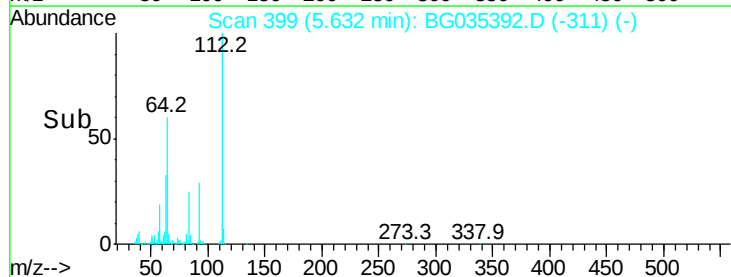
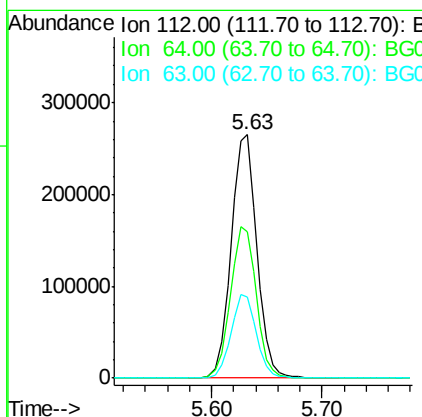
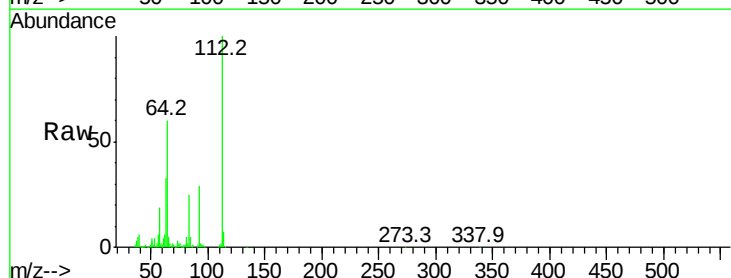
Tot Ion:152 Resp: 51249
Ion Ratio Lower Upper
152 100
150 166.8 126.6 189.8
115 64.7 53.0 79.4

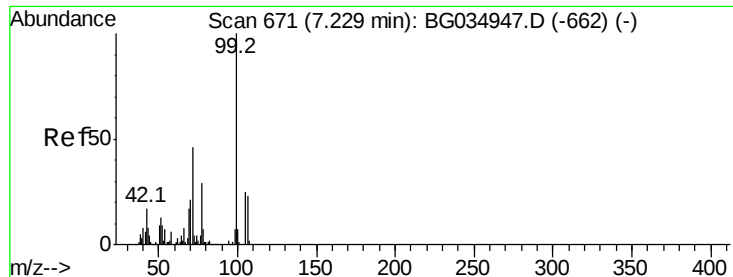


#5

2-Fluorophenol
Concen: 142.625 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035392.D
Acq: 26 Jun 2018 1:18

Tgt Ion:112 Resp: 433121
Ion Ratio Lower Upper
112 100
64 60.3 56.3 84.5
63 33.2 30.1 45.1





#7

Phenol-d6

Concen: 127.040 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Instrument :

BNA_G

ClientSampleId :

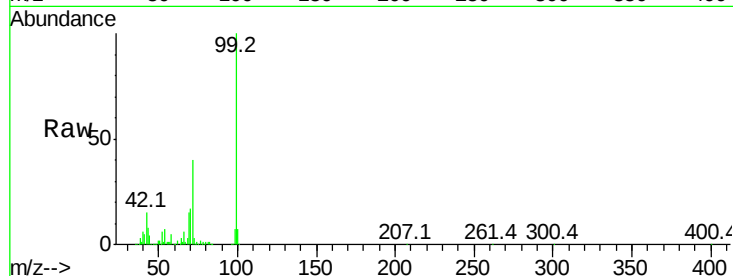
Tot Ion: 99 Resp: 569406

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

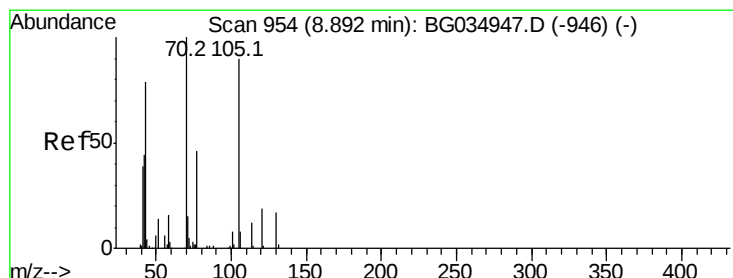
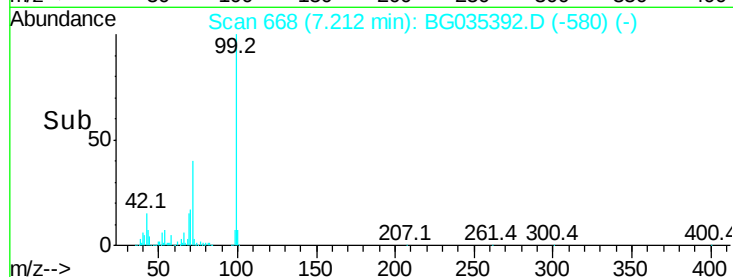
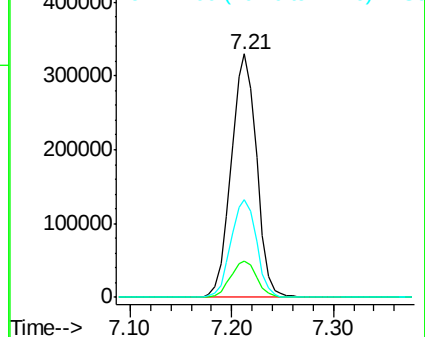
71 39.9 26.1 39.1#



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: 15.656 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Tgt Ion: 70 Resp: 59618

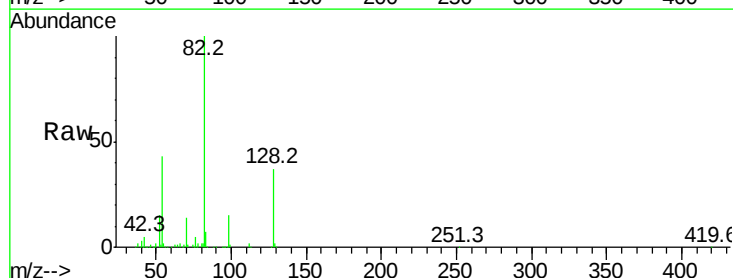
Ion Ratio Lower Upper

70 100

42 38.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#

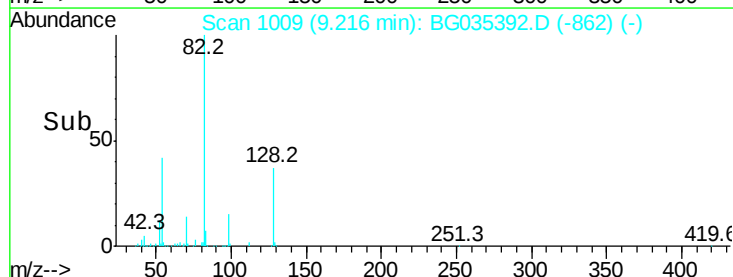
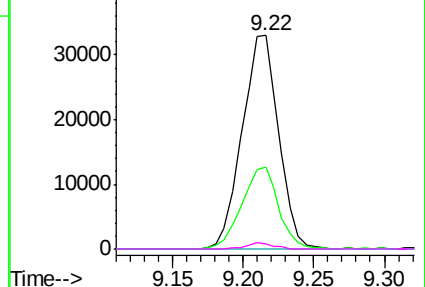


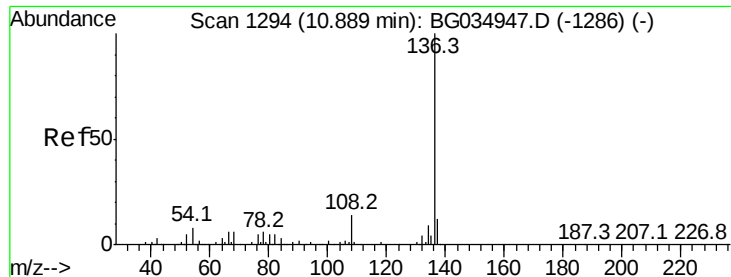
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

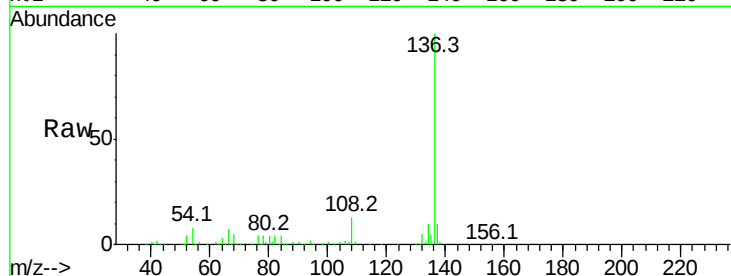




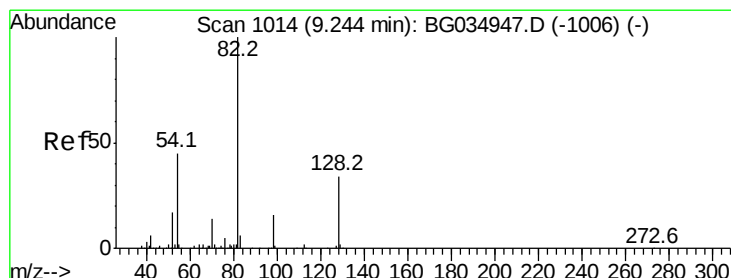
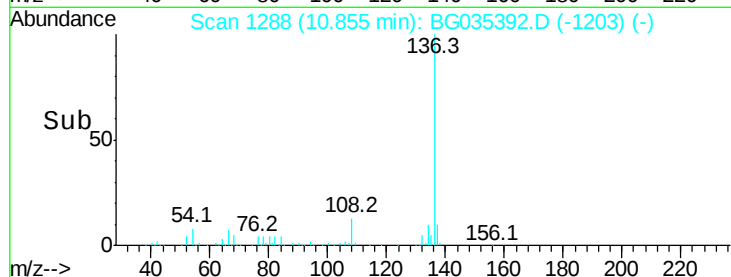
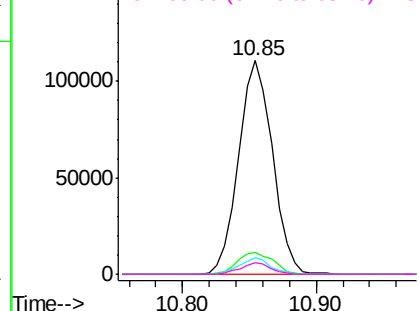
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035392.D
Acq: 26 Jun 2018 1:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	194506
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.7	10.3	15.5#
68	5.3	4.5	6.7

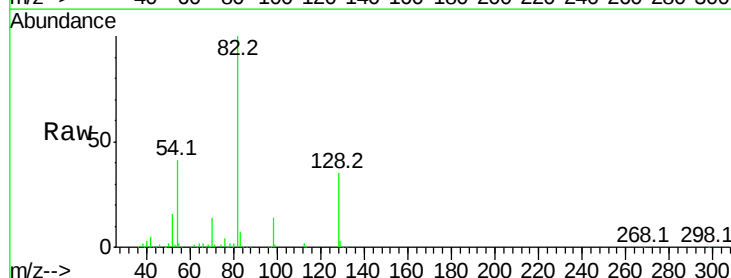


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

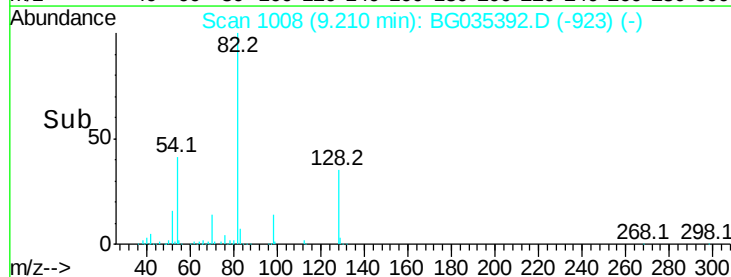
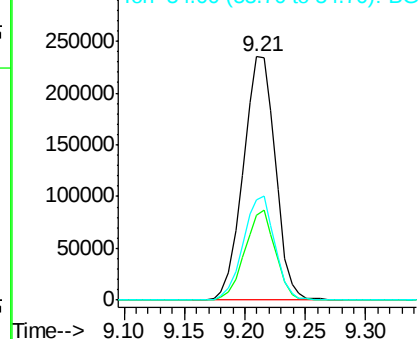


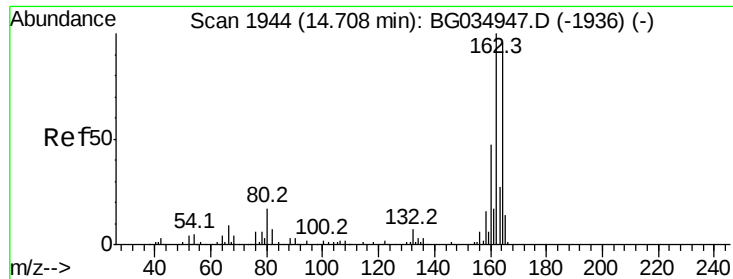
#23
Nitrobenzene-d5
Concen: 107.207 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035392.D
Acq: 26 Jun 2018 1:18

Tgt Ion:	82	Resp:	438679
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	41.2	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: BG035392.D

Acq: 26 Jun 2018 1:18

Instrument :

BNA_G

ClientSampleId :

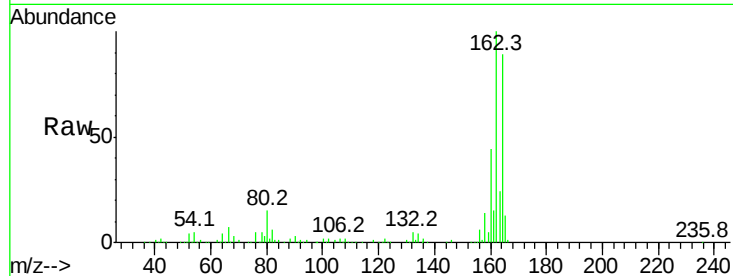
Tot Ion:164 Resp: 136699

Ion Ratio Lower Upper

164 100

162 112.9 78.8 118.2

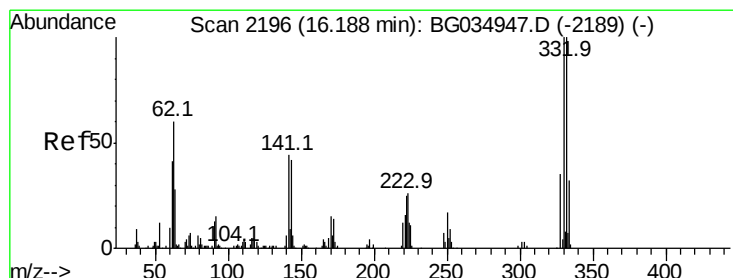
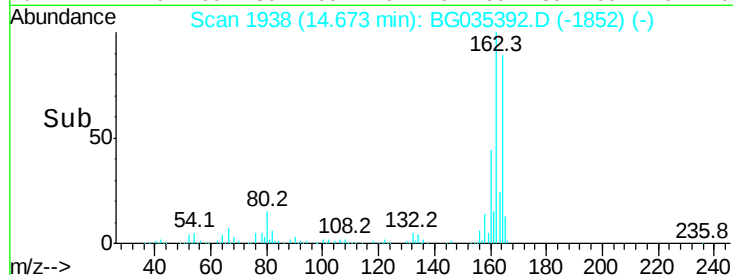
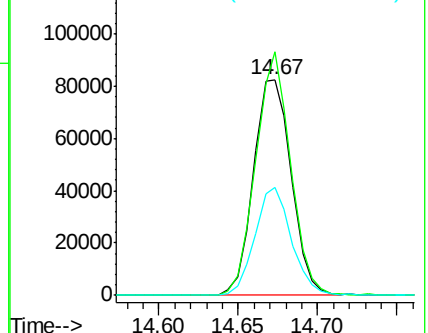
160 49.9 35.4 53.0



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: 183.659 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

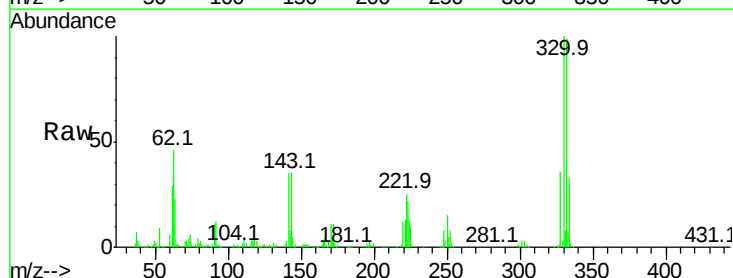
Tgt Ion:330 Resp: 321389

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

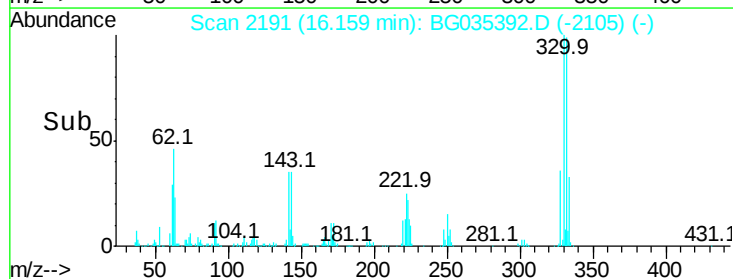
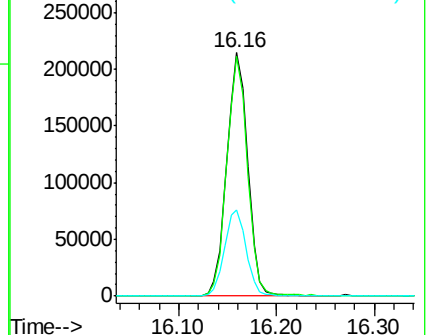
141 36.5 25.2 37.8

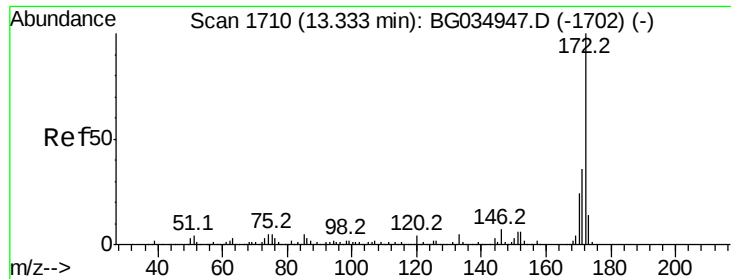


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

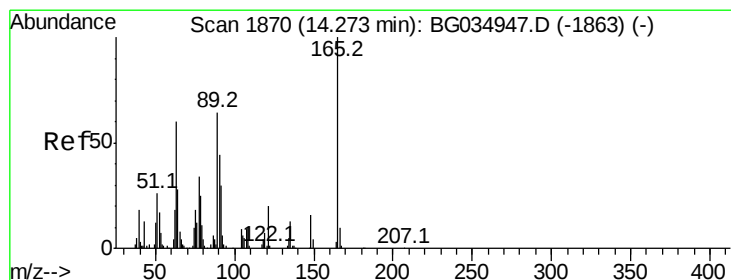
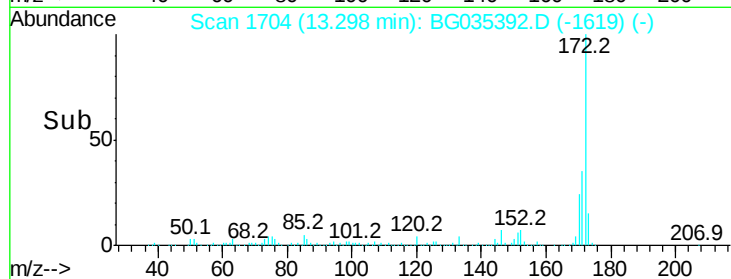
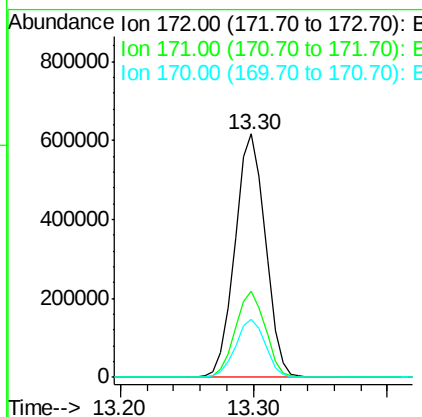
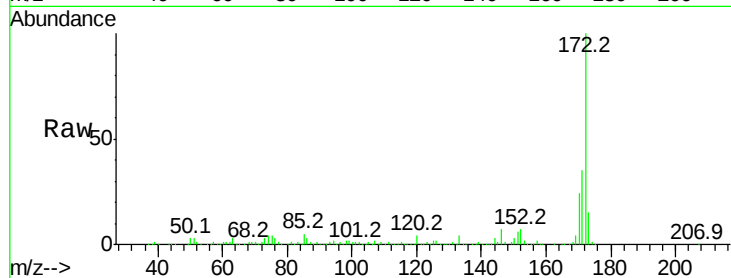




#44
 2-Fluorobiphenyl
 Concen: 92.685 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

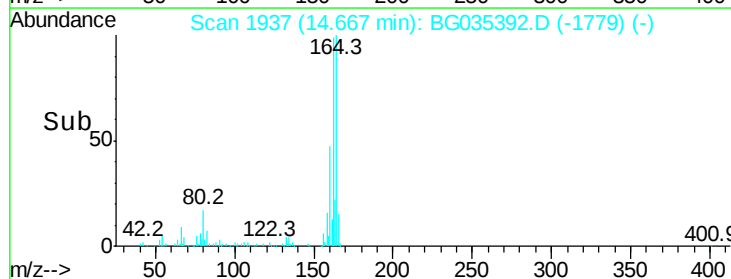
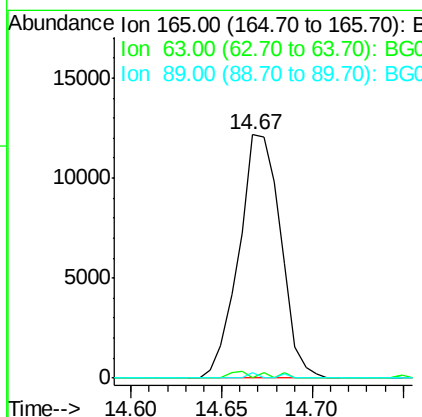
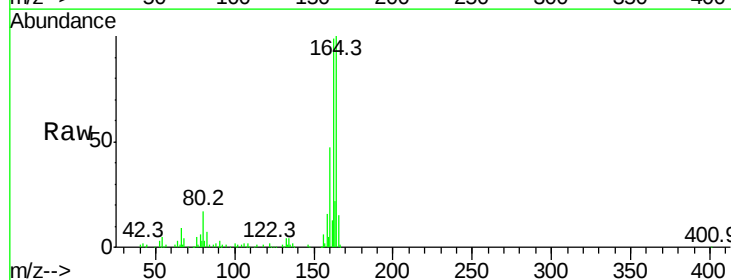
Instrument :
 BNA_G
 ClientSampleId :

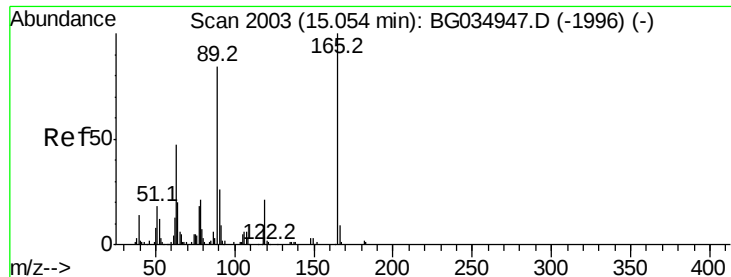
Tot Ion:172 Resp: 974611
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 23.6 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.992 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.40 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

Tgt Ion:165 Resp: 19555
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.4 49.2 73.8#

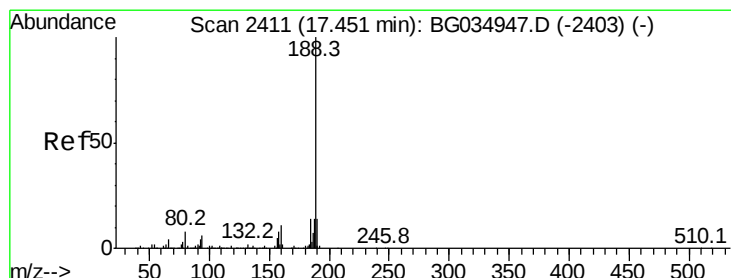
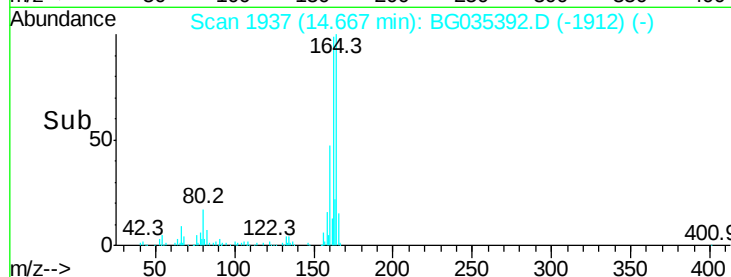
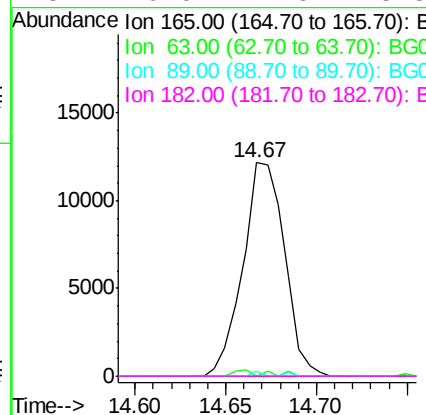
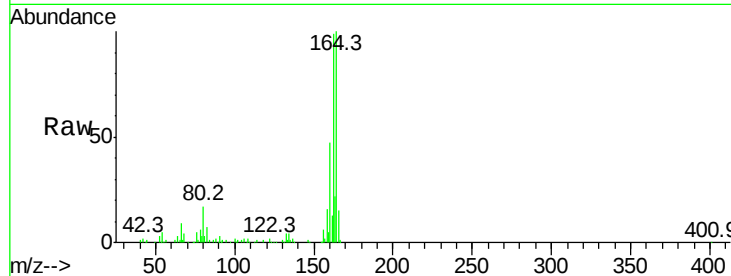




#56
 2,4-Dinitrotoluene
 Concen: 6.769 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.38 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

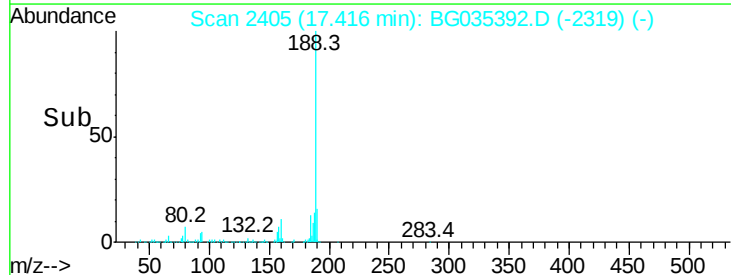
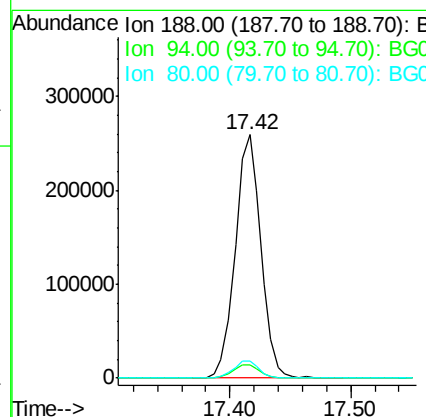
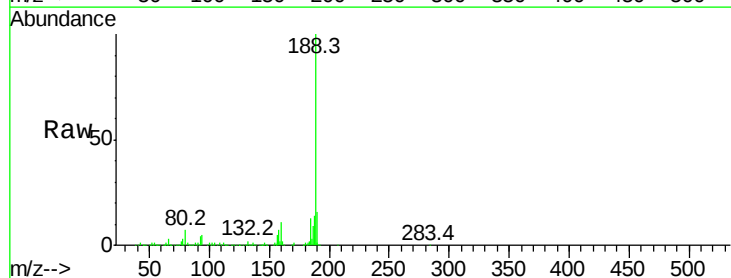
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 19555
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.4 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: BG035392.D
 Acq: 26 Jun 2018 1:18

Tgt Ion:188 Resp: 382238
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 6.9 7.7 11.5#

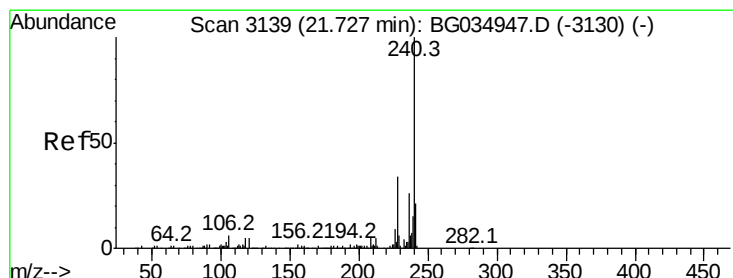
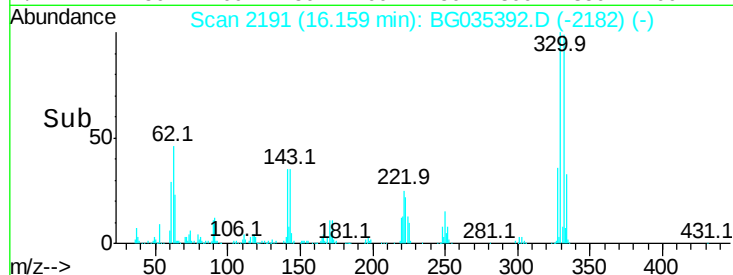
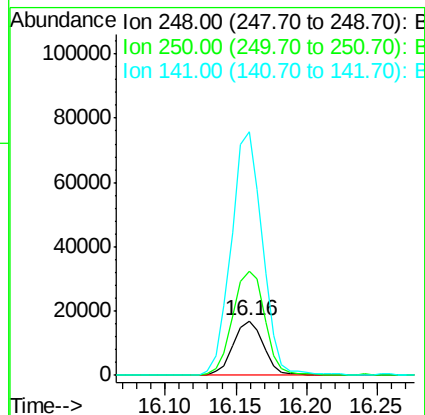
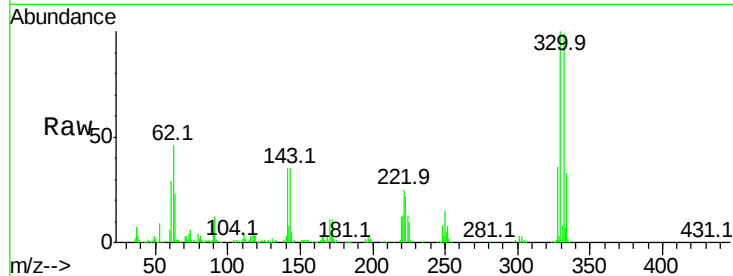




#66
 4-Bromophenyl-phenylether
 Concen: 5.610 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

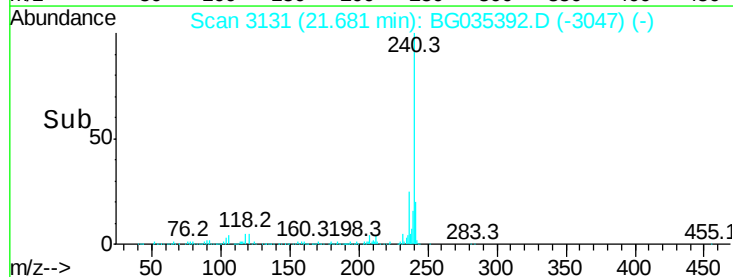
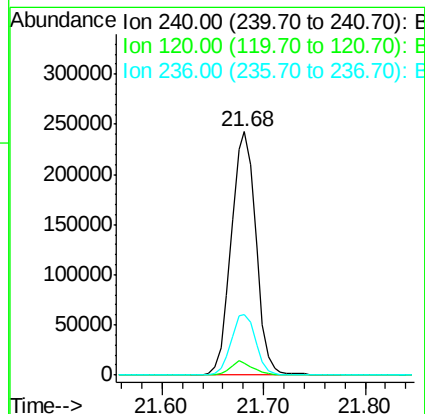
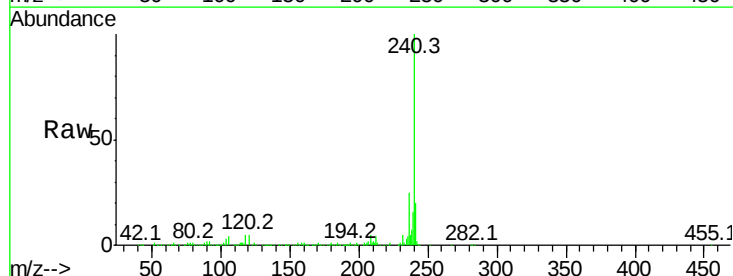
Instrument :
 BNA_G
 ClientSampled :

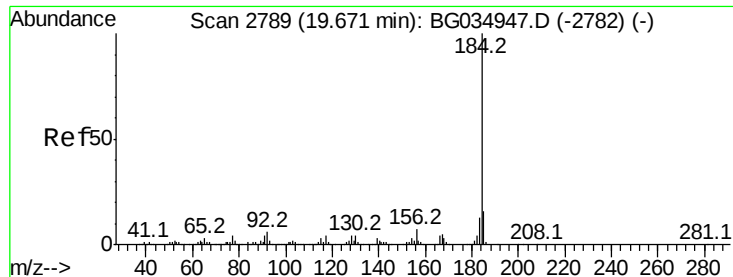
Tot Ion:248 Resp: 25821
 Ion Ratio Lower Upper
 248 100
 250 190.5 77.1 115.7#
 141 445.2 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

Tgt Ion:240 Resp: 410619
 Ion Ratio Lower Upper
 240 100
 120 5.0 6.8 10.2#
 236 25.1 20.9 31.3





#76

Benzidine

Concen: 2.090 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

Instrument :

BNA_G

ClientSampleId :

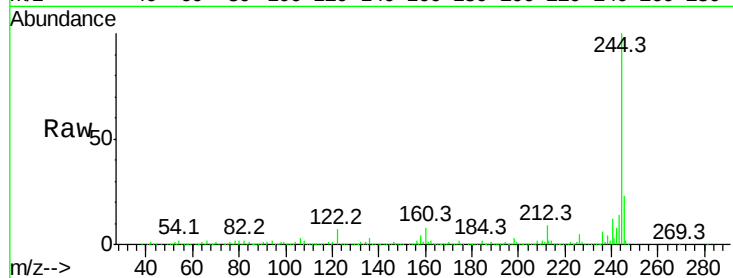
Tot Ion:184 Resp: 31931

Ion Ratio Lower Upper

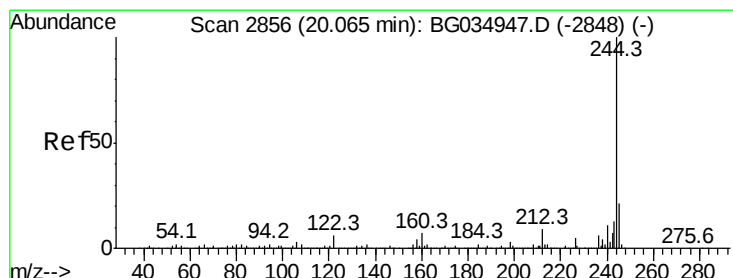
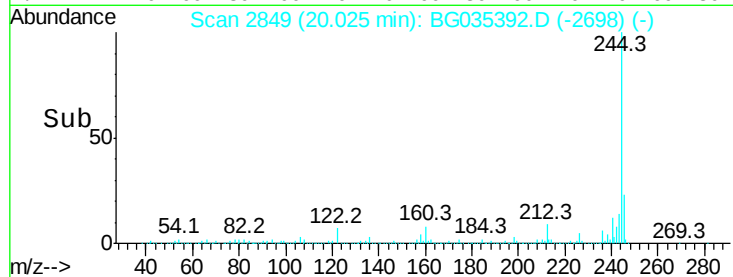
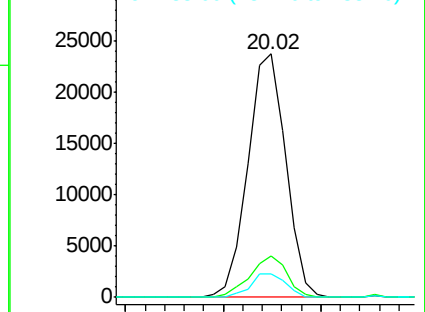
184 100

185 17.2 11.1 16.7#

183 9.5 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: 96.135 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035392.D

Acq: 26 Jun 2018 1:18

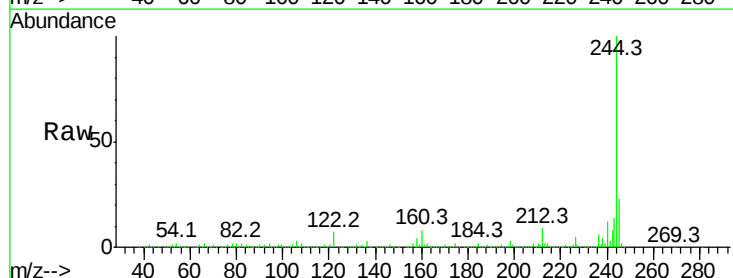
Tgt Ion:244 Resp: 1884528

Ion Ratio Lower Upper

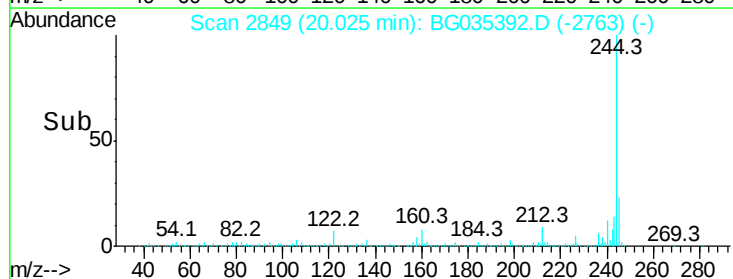
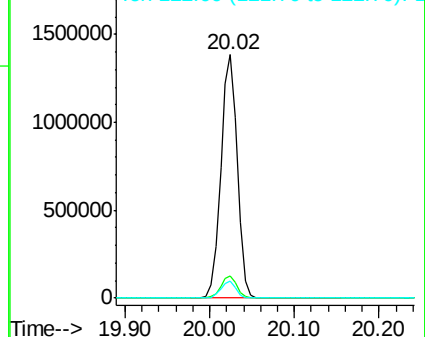
244 100

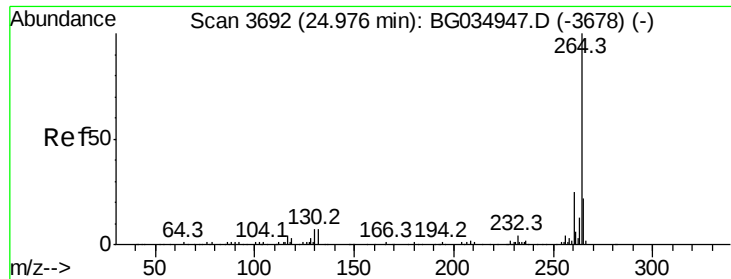
212 9.3 5.8 8.8#

122 6.8 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

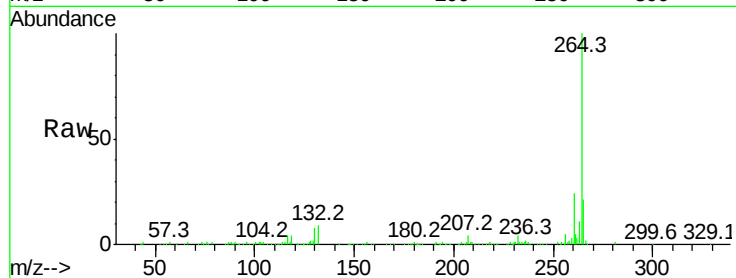




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035392.D
 Acq: 26 Jun 2018 1:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	20.8	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

