

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035391.D
 Acq On : 26 Jun 2018 00:39
 Operator : JU/SJ
 Sample : J3241-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 26 06:43:09 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

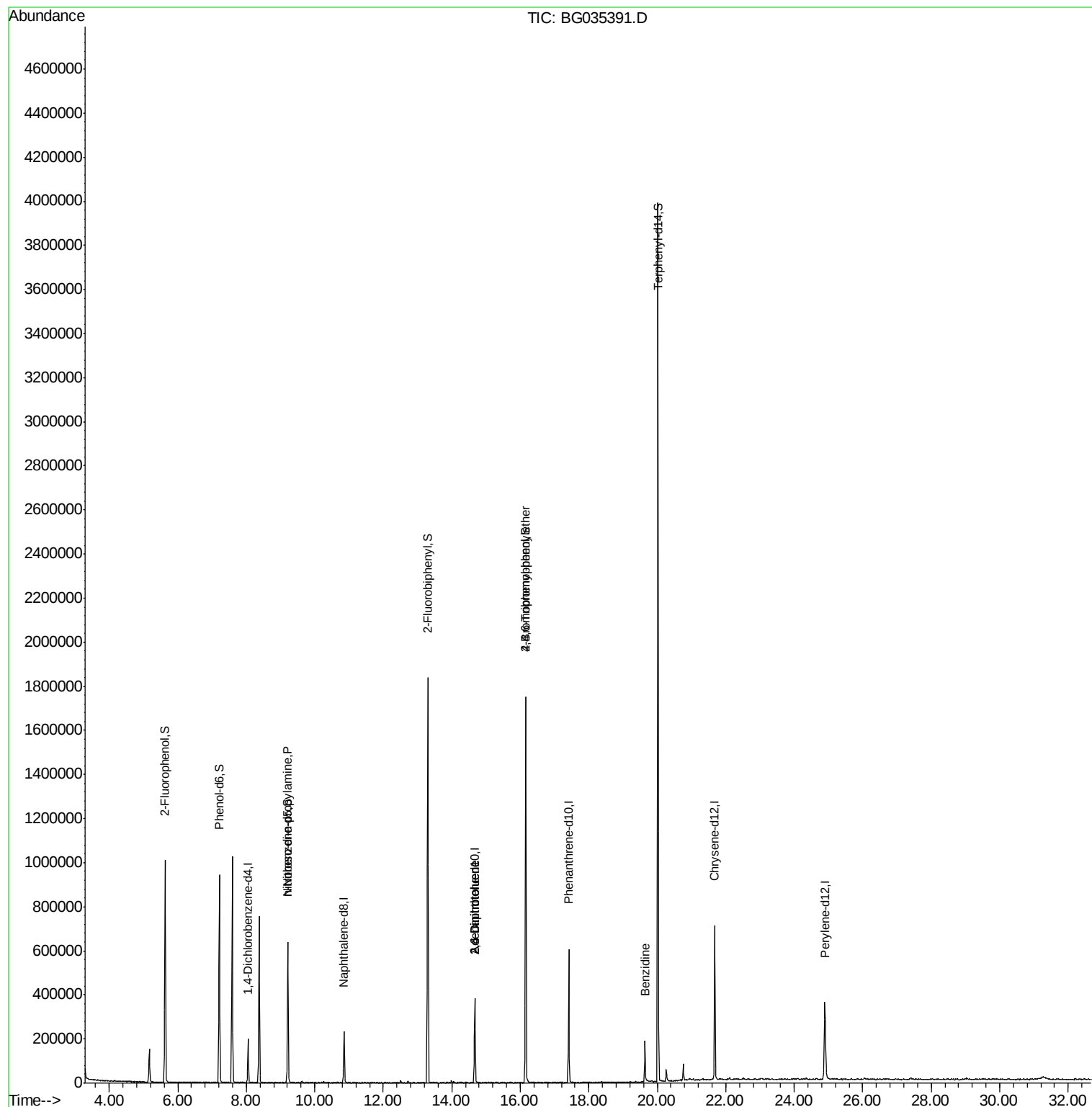
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54725	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	198552	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	141513	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	378985	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	427231	20.00	ng	-0.04
86) Perylene-d12	24.89	264	402490	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	436303	134.55	ng	-0.01
7) Phenol-d6	7.21	99	587585	122.77	ng	-0.01
23) Nitrobenzene-d5	9.21	82	429936	102.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	319464	176.35	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	988175	90.78	ng	-0.03
78) Terphenyl-d14	20.02	244	1874029	91.88	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	58751	14.449	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	18972	8.427	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18972	6.344	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	25095	5.499	ng	# 1
76) Benzidine	19.64	184	126762	7.975	ng	98

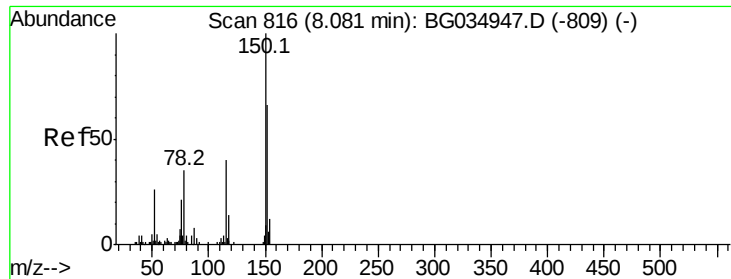
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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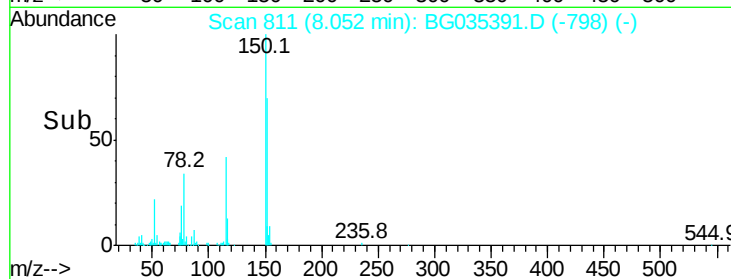
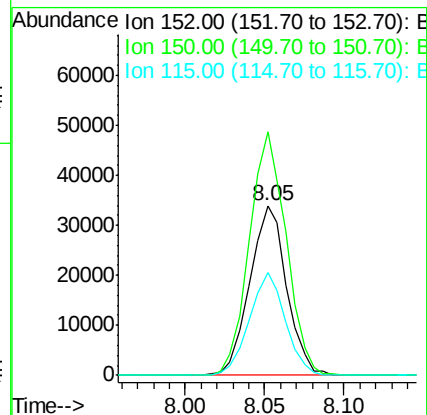
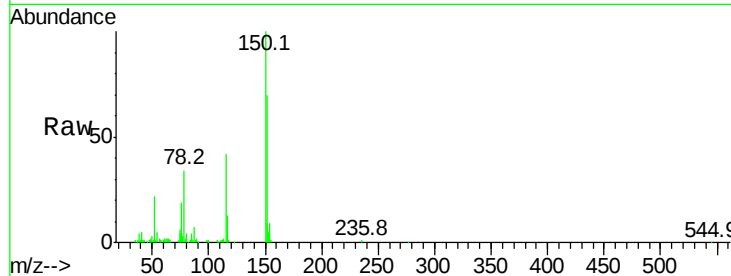


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :

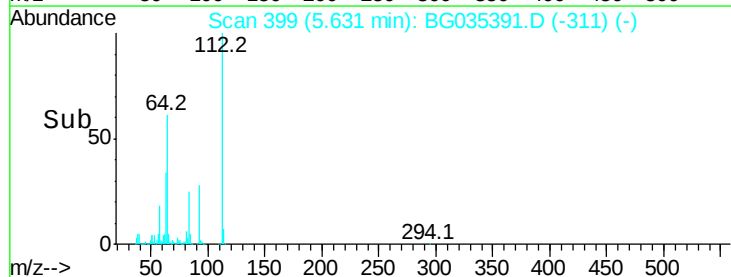
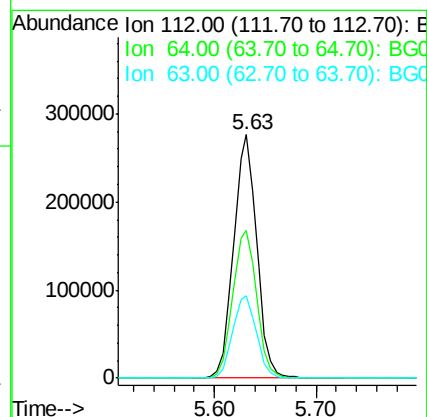
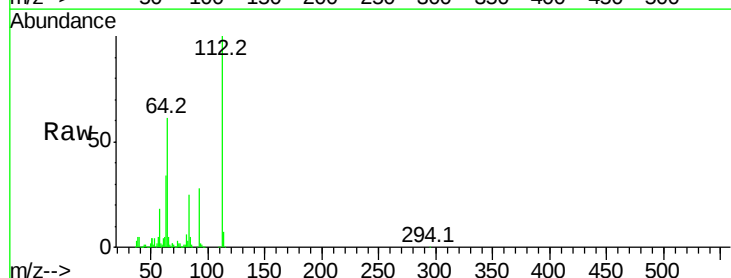
Tot Ion:152 Resp: 54725
Ion Ratio Lower Upper
152 100
150 143.6 126.6 189.8
115 60.4 53.0 79.4

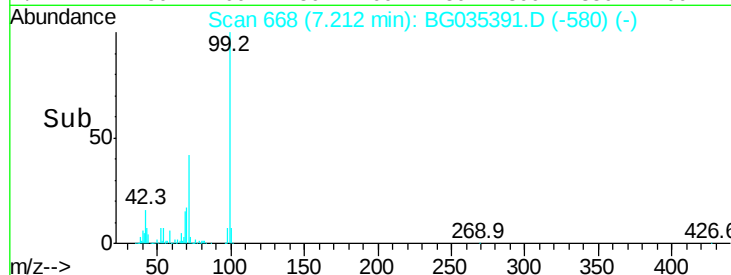
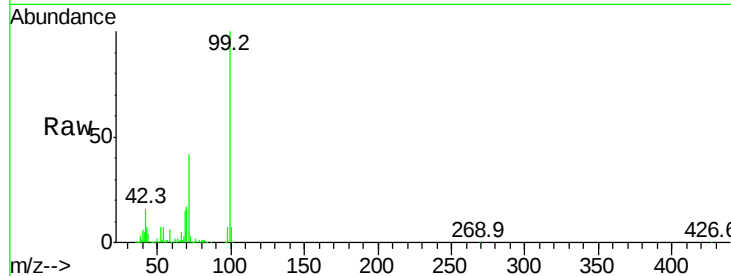
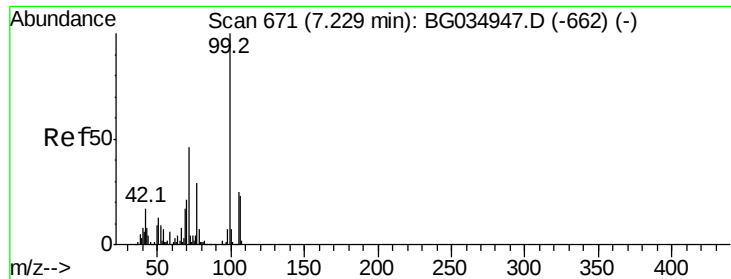


#5

2-Fluorophenol
Concen: 134.547 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:112 Resp: 436303
Ion Ratio Lower Upper
112 100
64 60.7 56.3 84.5
63 34.0 30.1 45.1





#7

Phenol-d6

Concen: 122.769 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035391.D

Acq: 26 Jun 2018 00:39

Instrument :

BNA_G

ClientSampleId :

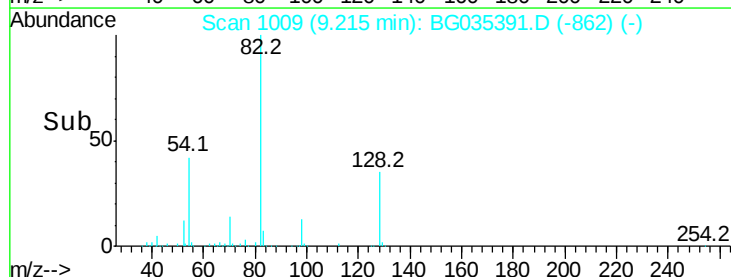
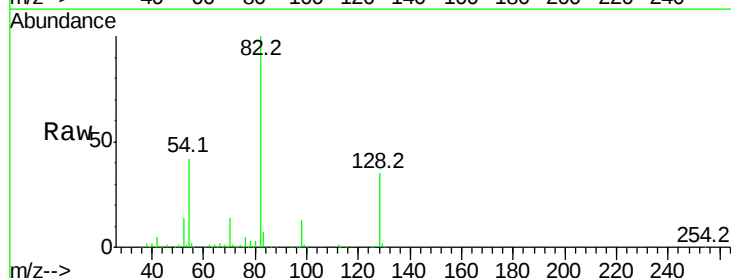
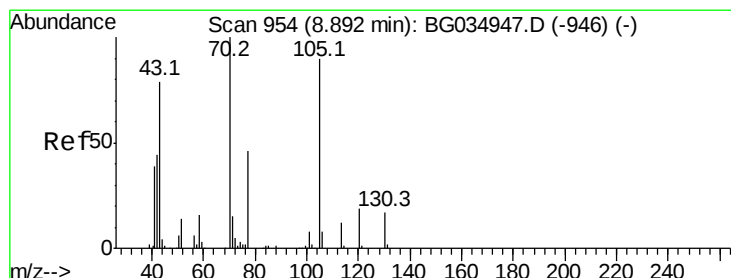
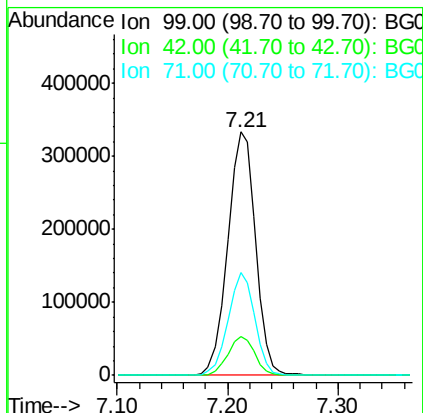
Tot Ion: 99 Resp: 587585

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 42.3 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.449 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035391.D

Acq: 26 Jun 2018 00:39

Tgt Ion: 70 Resp: 58751

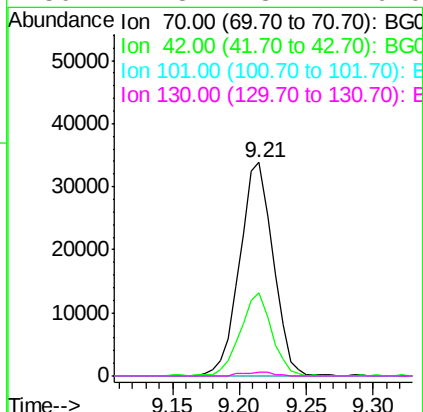
Ion Ratio Lower Upper

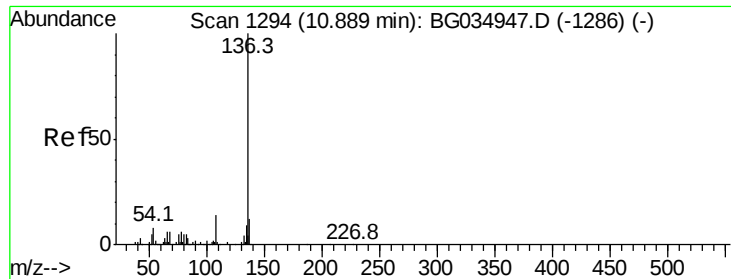
70 100

42 38.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

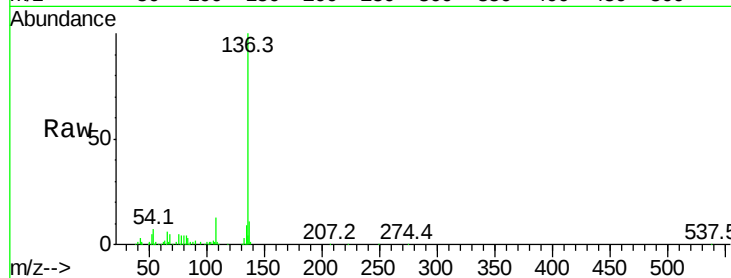




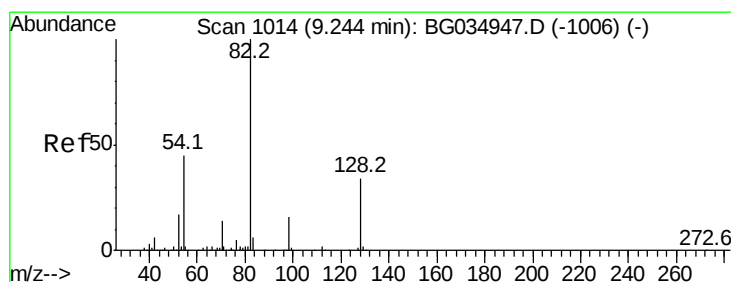
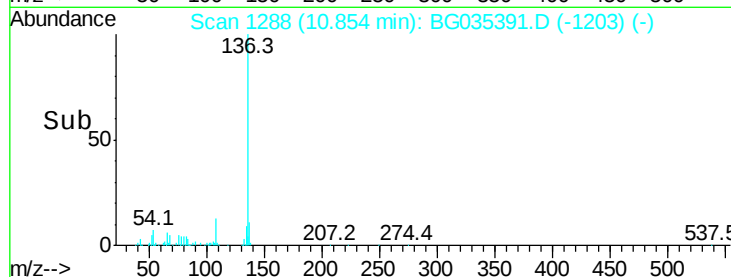
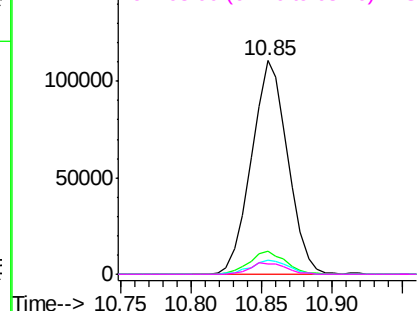
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	198552
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.2	13.8
54	6.6	10.3	15.5#
68	4.7	4.5	6.7

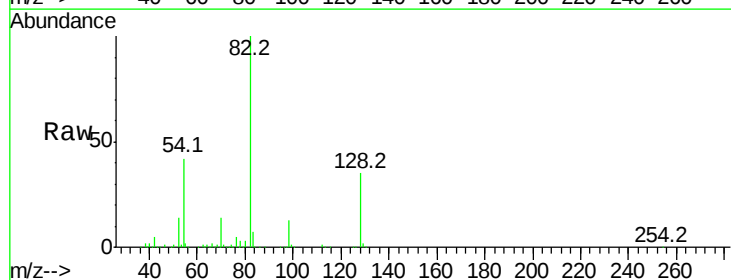


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

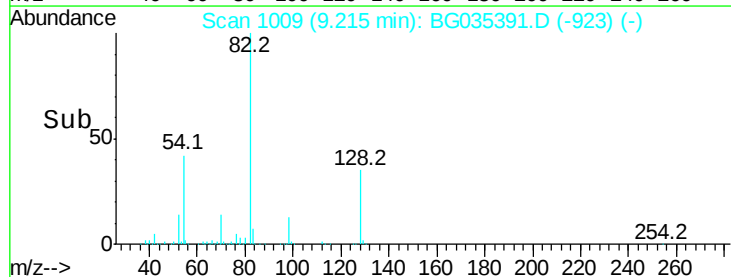
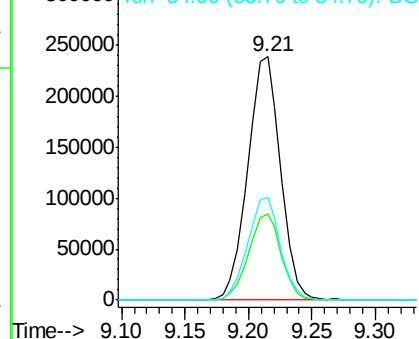


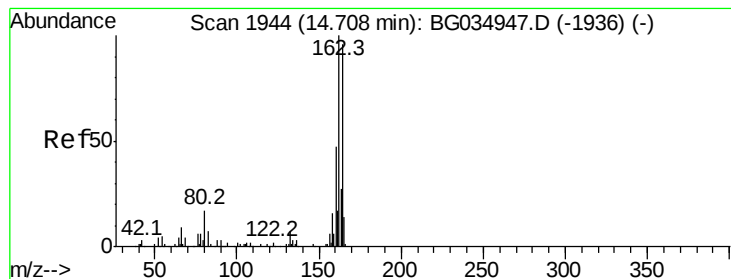
#23
Nitrobenzene-d5
Concen: 102.929 ng
RT: 9.21 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035391.D
Acq: 26 Jun 2018 00:39

Tgt Ion:	82	Resp:	429936
Ion Ratio	Lower	Upper	
82	100		
128	35.2	29.7	44.5
54	42.1	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: BG035391.D

Acq: 26 Jun 2018 00:39

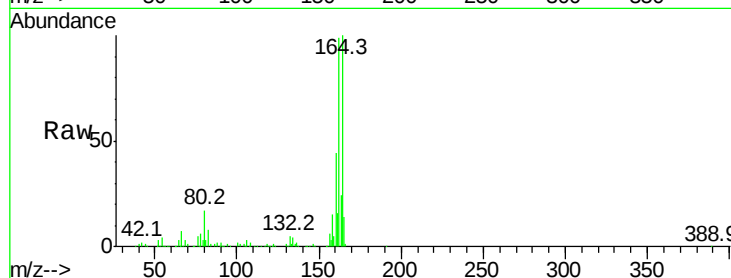
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 141513

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	44.0	35.4	53.0

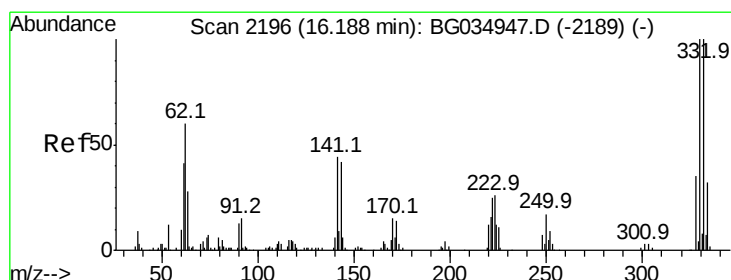
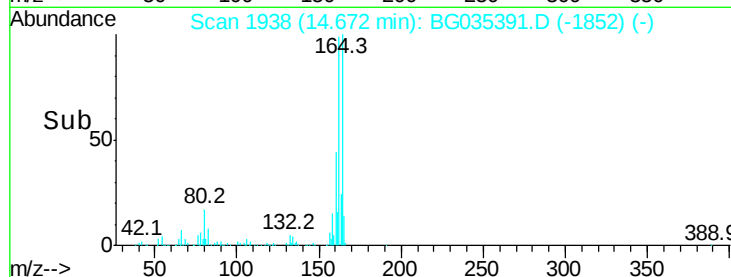
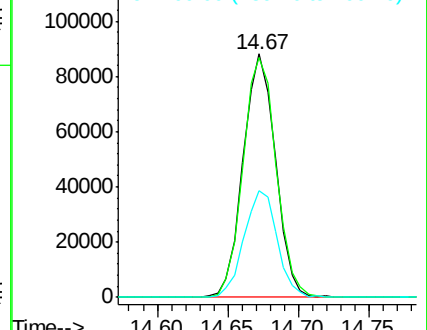


Abundance

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: 176.349 ng

RT: 16.16 min Scan# 2191

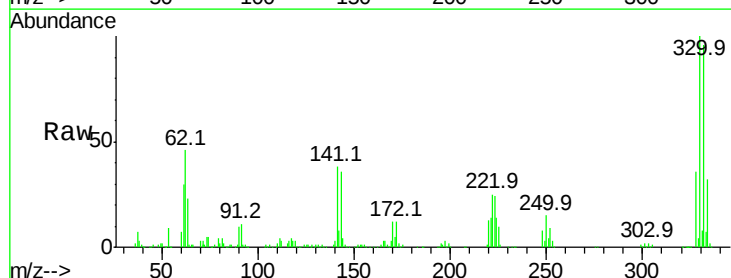
Delta R.T. -0.02 min

Lab File: BG035391.D

Acq: 26 Jun 2018 00:39

Tgt Ion:330 Resp: 319464

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	36.7	25.2	37.8

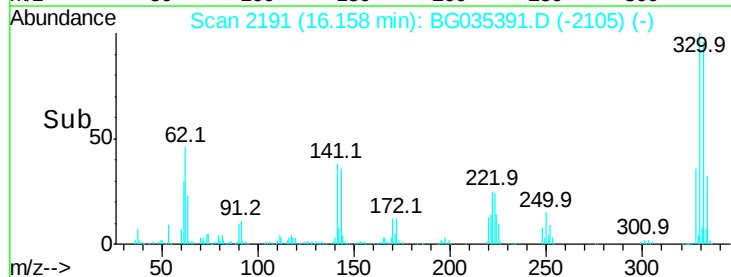
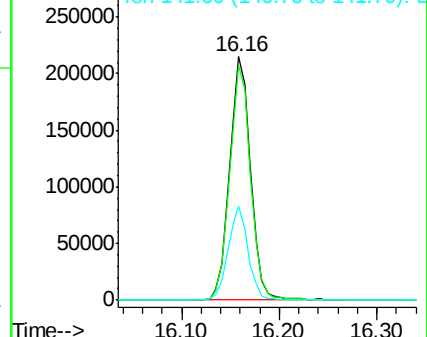


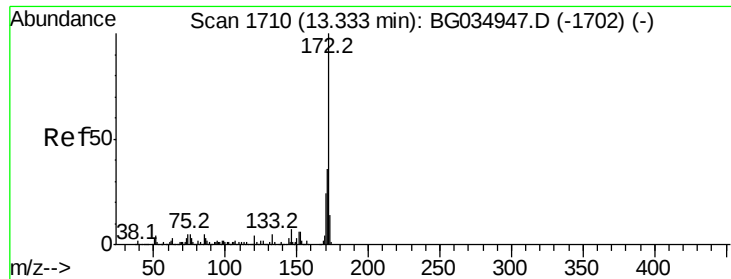
Abundance

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

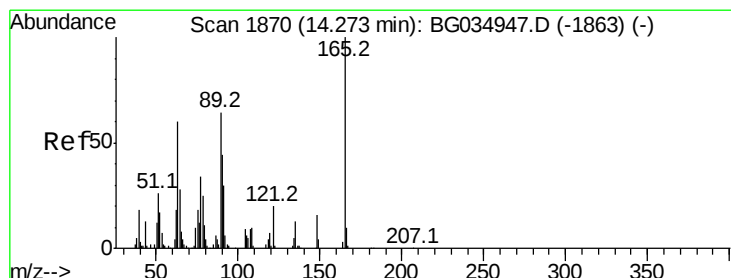
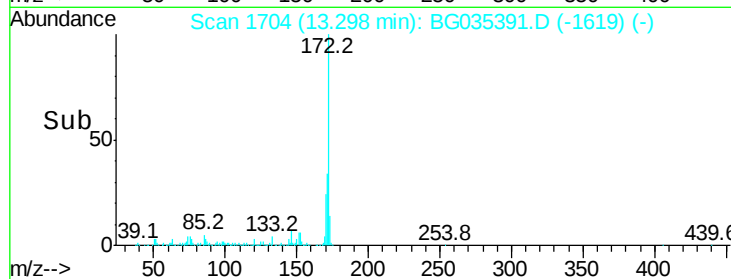
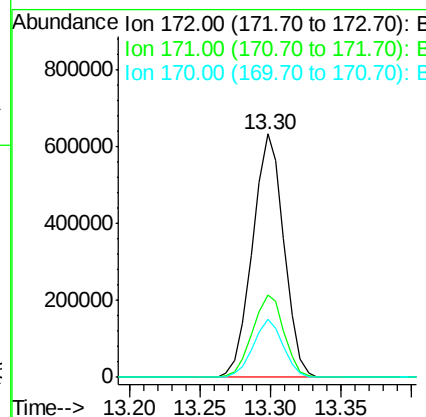
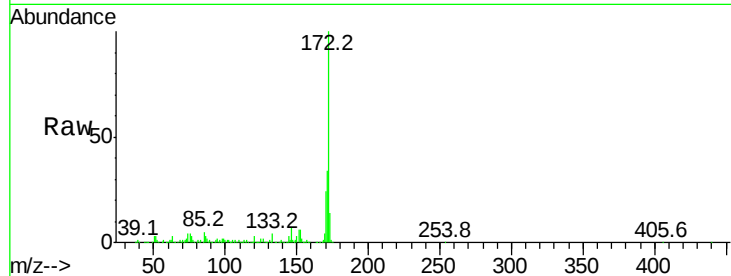




#44
 2-Fluorobiphenyl
 Concen: 90.778 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035391.D
 Acq: 26 Jun 2018 00:39

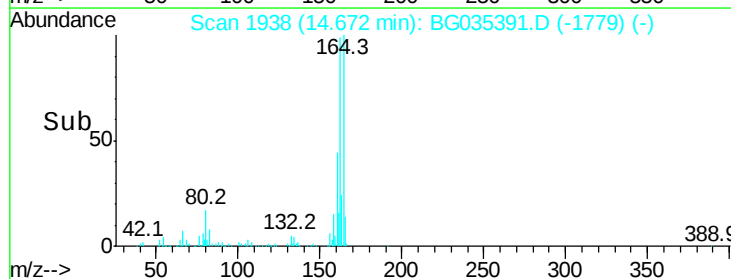
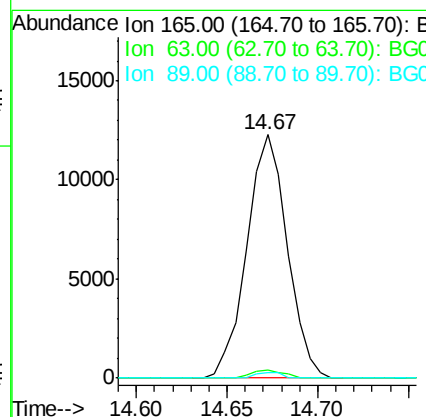
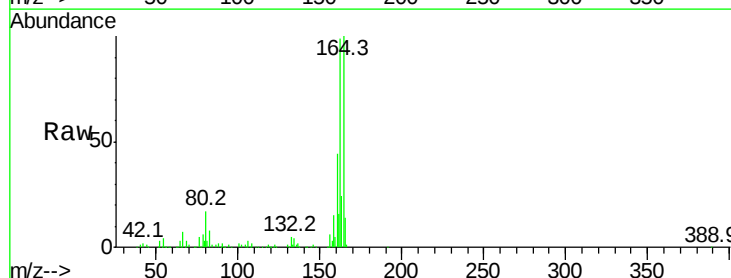
Instrument :
 BNA_G
 ClientSampleId :

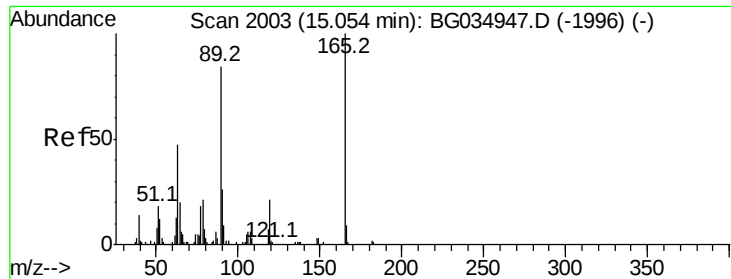
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	23.8	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.427 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.40 min
 Lab File: BG035391.D
 Acq: 26 Jun 2018 00:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.2	52.7	79.1#
89	2.1	49.2	73.8#

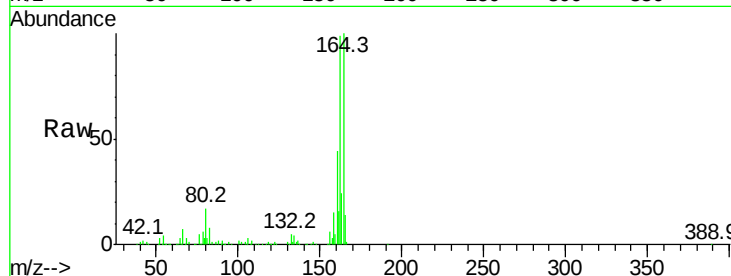




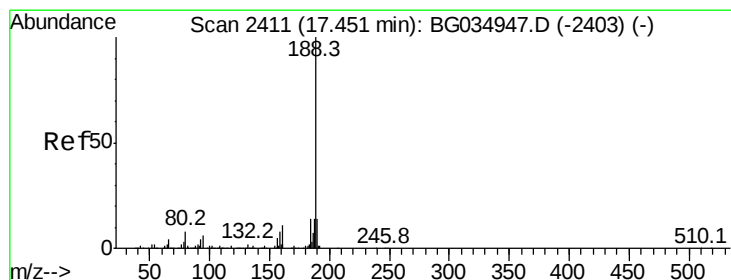
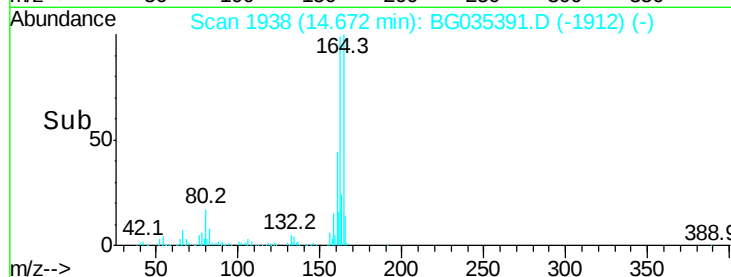
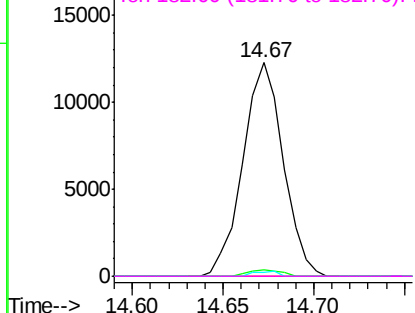
#56
 2,4-Dinitrotoluene
 Concen: 6.344 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035391.D
 Acq: 26 Jun 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 18972
 Ion Ratio Lower Upper
 165 100
 63 3.2 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#

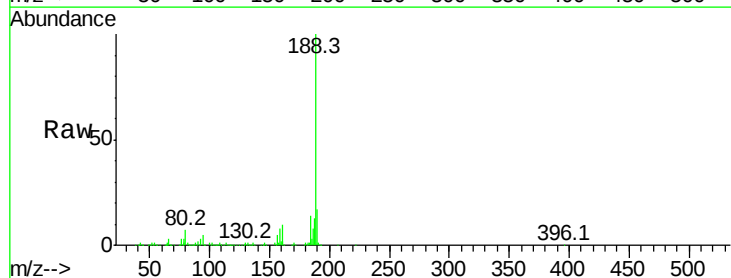


Abundance Ion 165.00 (164.70 to 165.70): E

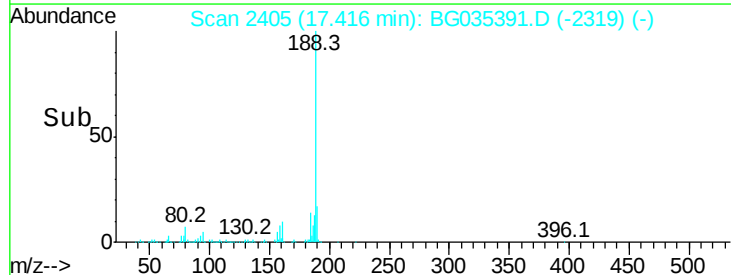
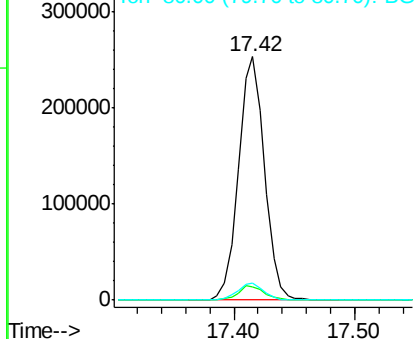


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035391.D
 Acq: 26 Jun 2018 00:39

Tgt Ion:188 Resp: 378985
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

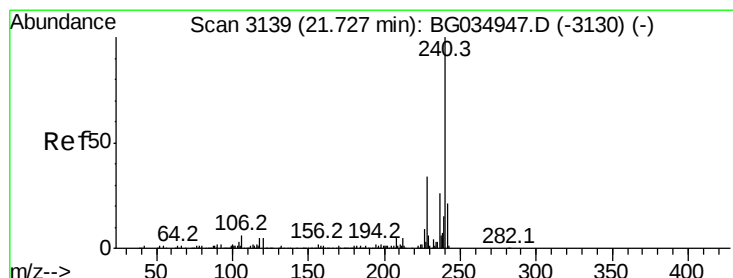
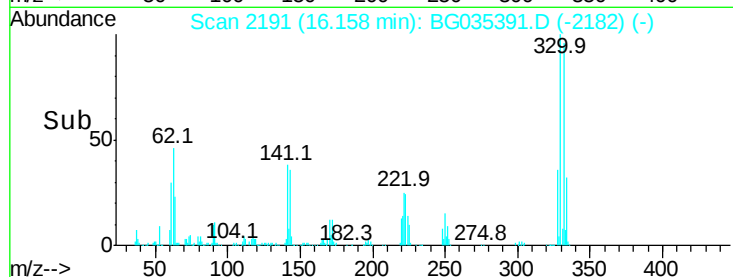
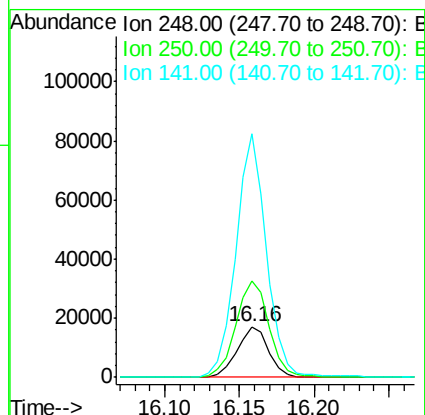
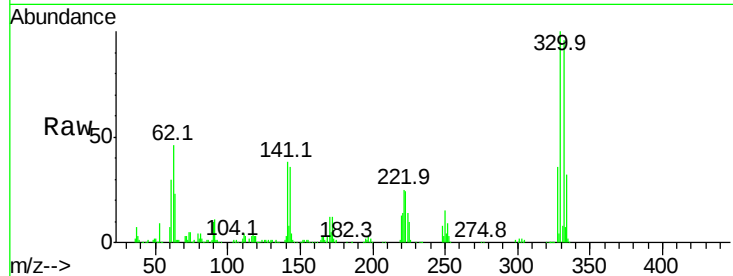




#66
 4-Bromophenyl-phenylether
 Concen: 5.499 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035391.D
 Acq: 26 Jun 2018 00:39

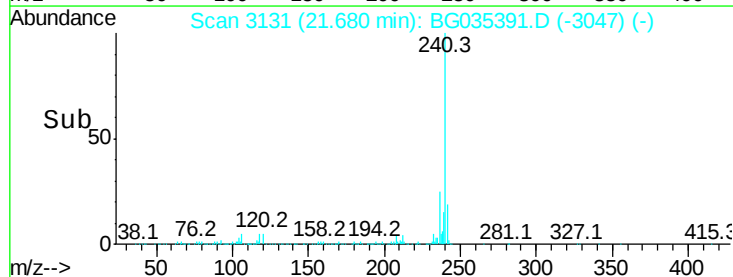
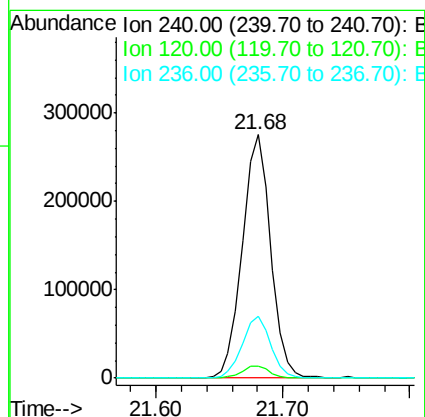
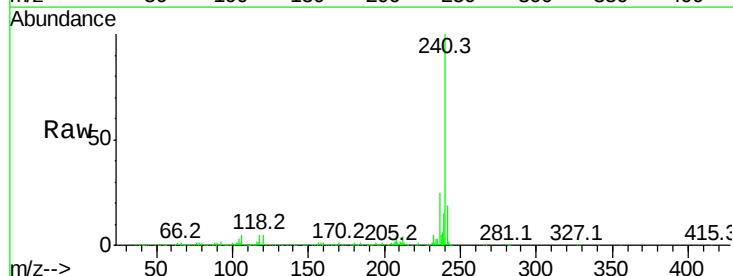
Instrument :
 BNA_G
 ClientSampled :

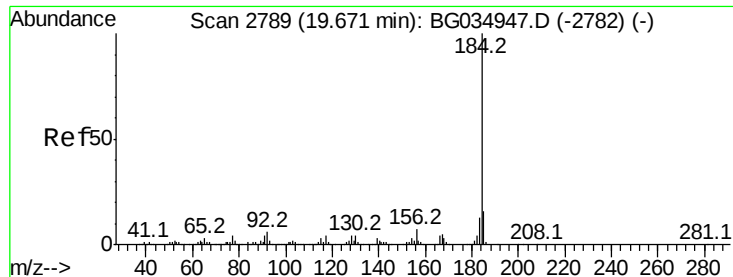
Tot Ion	Ratio	Lower	Upper
248	100		
250	190.6	77.1	115.7#
141	479.1	50.8	76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035391.D
 Acq: 26 Jun 2018 00:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.4	20.9	31.3





#76

Benzidine

Concen: 7.975 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035391.D

Acq: 26 Jun 2018 00:39

Instrument :

BNA_G

ClientSampleId :

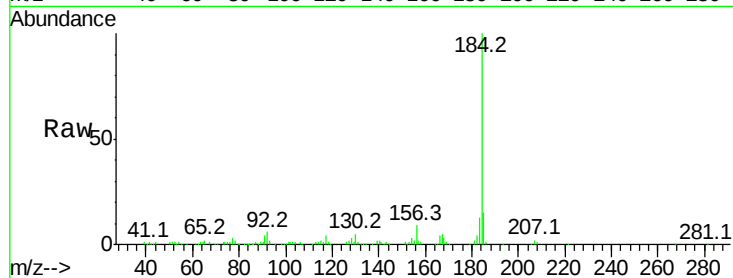
Tot Ion:184 Resp: 126762

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

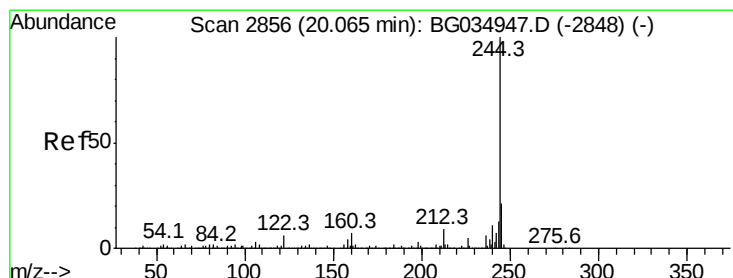
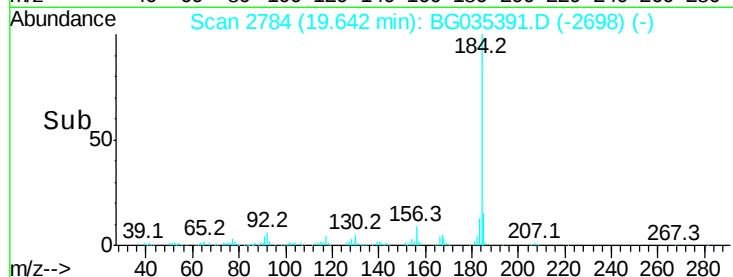
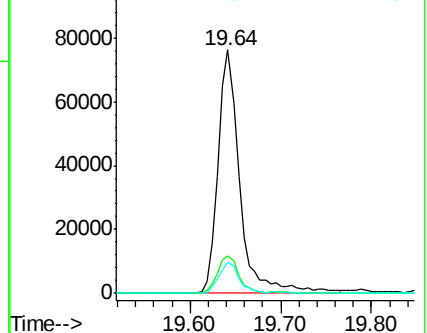
183 13.0 10.6 16.0



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: 91.882 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035391.D

Acq: 26 Jun 2018 00:39

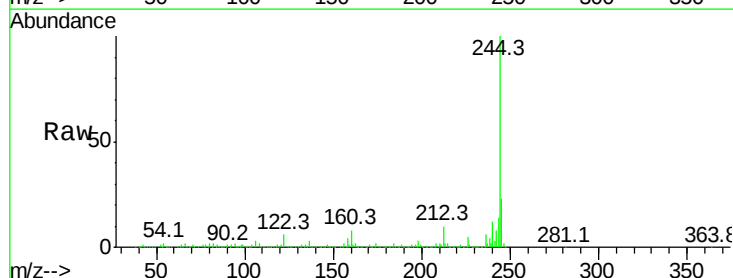
Tgt Ion:244 Resp: 1874029

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

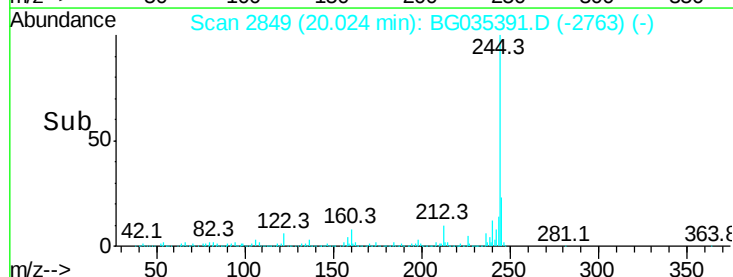
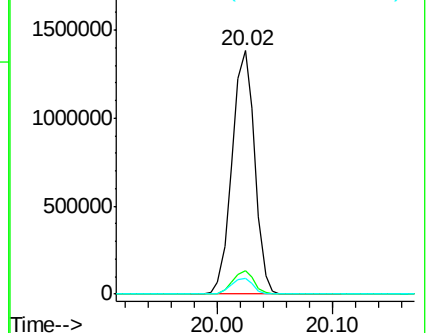
122 6.5 7.0 10.4#

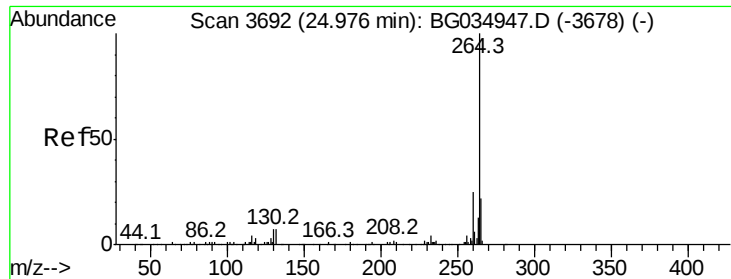


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

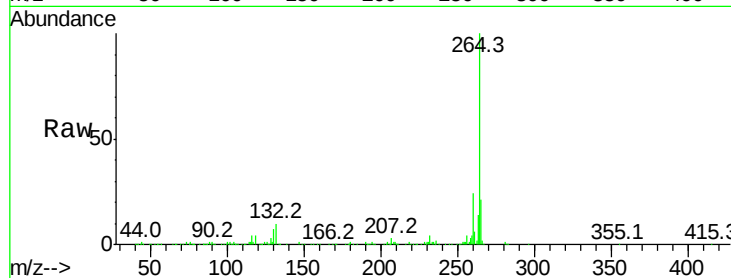




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3678
 Delta R.T. -0.06 min
 Lab File: BG035391.D
 Acq: 26 Jun 2018 00:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.3	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

