

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035318.D
 Acq On : 22 Jun 2018 4:23
 Operator : JU/SJ
 Sample : J3603-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 05:16:43 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

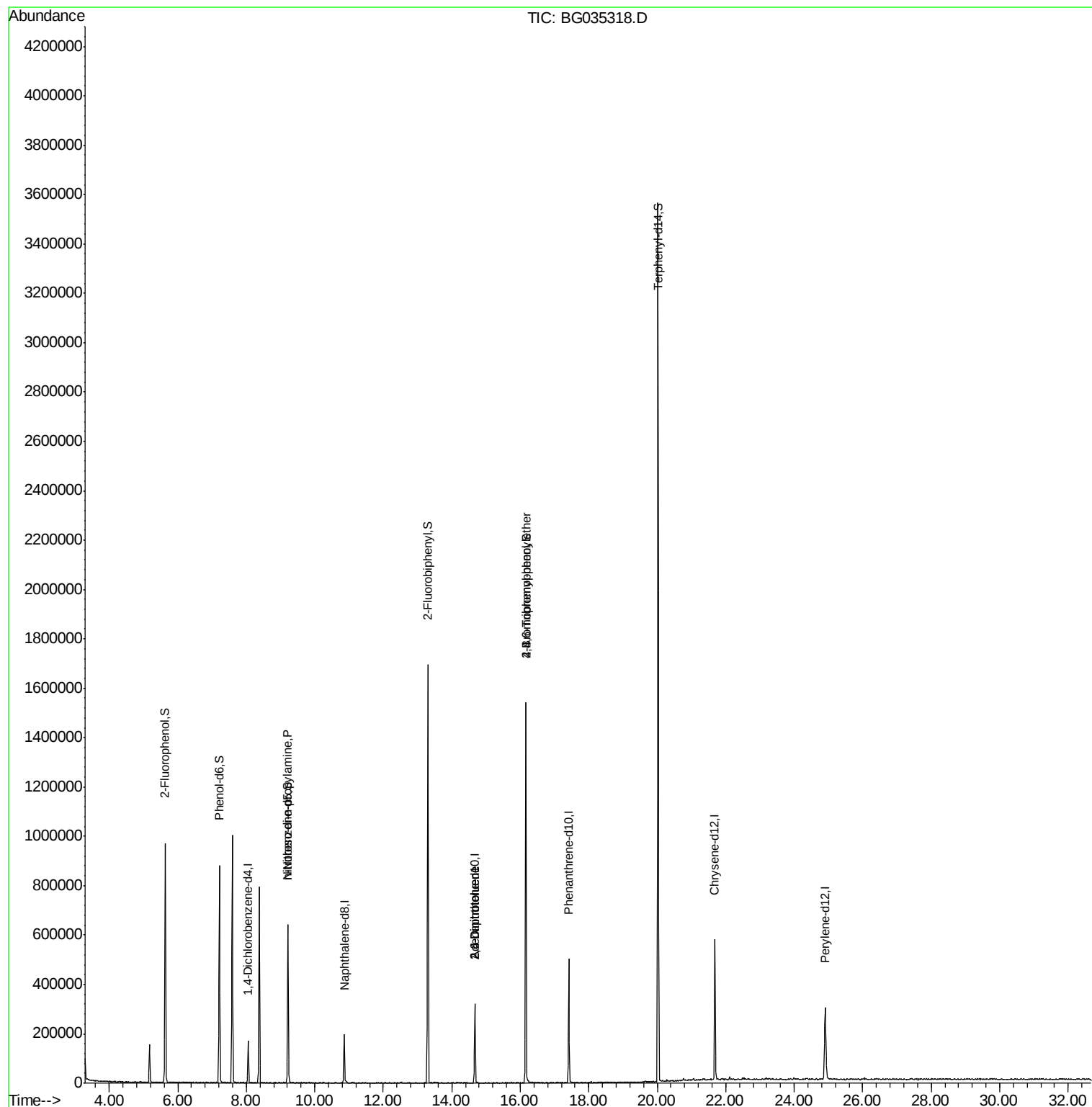
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49635	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	174679	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	114394	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	323663	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	364178	20.00	ng	-0.04
86) Perylene-d12	24.90	264	348654	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421542	143.33	ng	-0.01
7) Phenol-d6	7.22	99	543231	125.14	ng	0.00
23) Nitrobenzene-d5	9.22	82	420599	114.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	290442	198.34	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	914436	103.92	ng	-0.02
78) Terphenyl-d14	20.02	244	1765176	101.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	57577	15.612	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	16637	9.142	ng	# 20
56) 2,4-Dinitrotoluene	14.68	165	16637	6.882	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	23238	5.962	ng	# 1

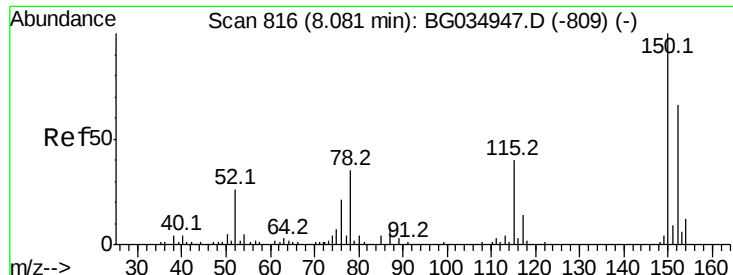
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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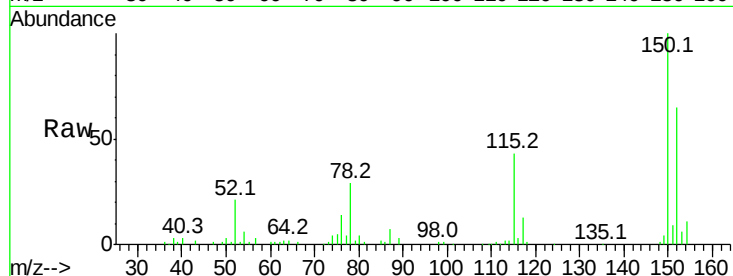




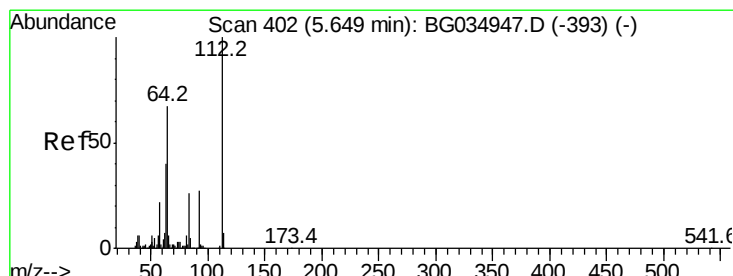
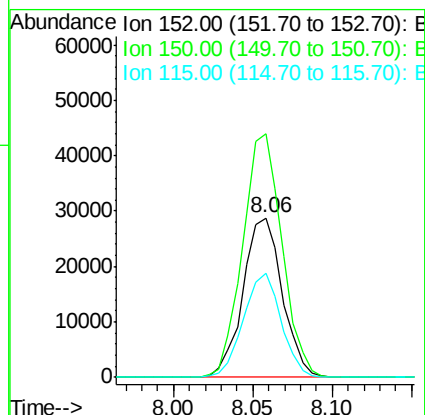
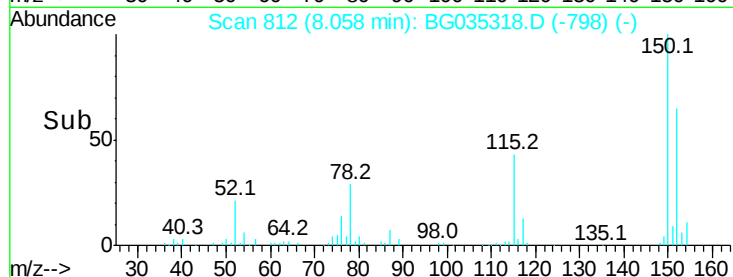
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BG035318.D
 Acq: 22 Jun 2018 4:23

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 49635
 Ion Ratio Lower Upper
 152 100
 150 152.8 126.6 189.8
 115 65.3 53.0 79.4

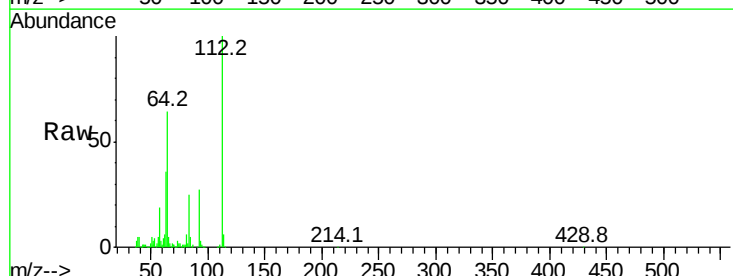


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

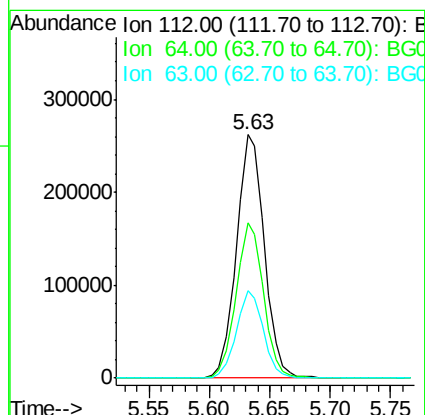
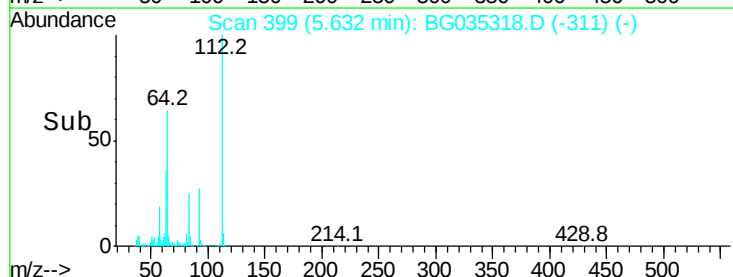


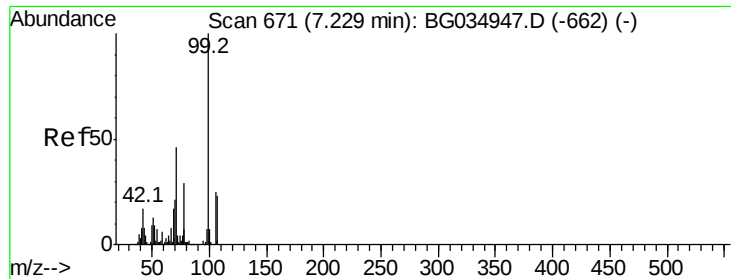
#5
 2-Fluorophenol
 Concen: 143.326 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035318.D
 Acq: 22 Jun 2018 4:23

Tgt Ion:112 Resp: 421542
 Ion Ratio Lower Upper
 112 100
 64 64.0 56.3 84.5
 63 35.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 125.141 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

Instrument :

BNA_G

ClientSampleId :

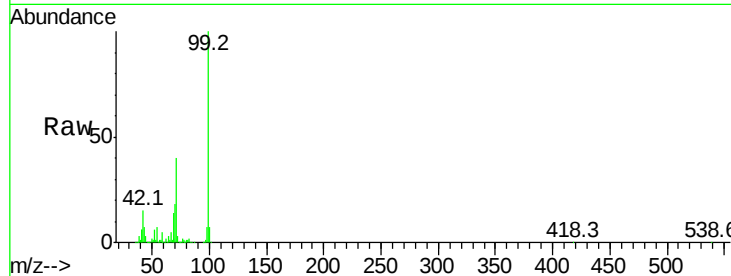
Tot Ion: 99 Resp: 543231

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

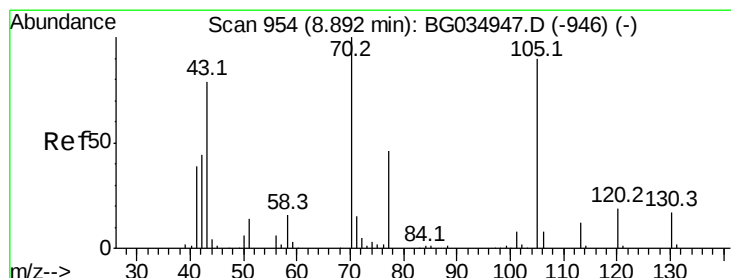
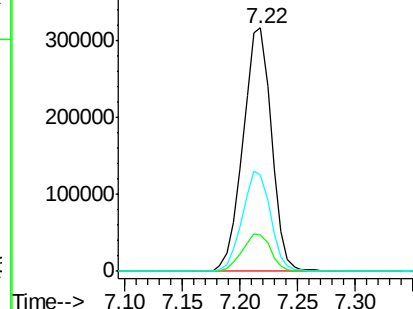
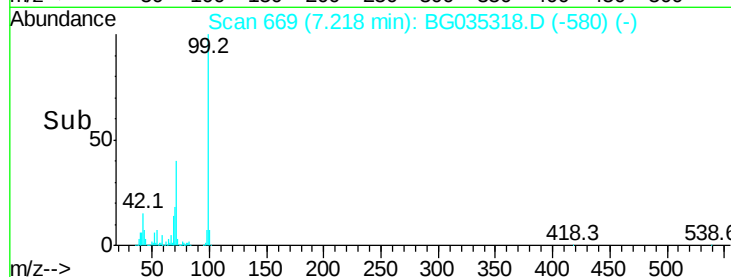
71 39.7 26.1 39.1#



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: 15.612 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

Tgt Ion: 70 Resp: 57577

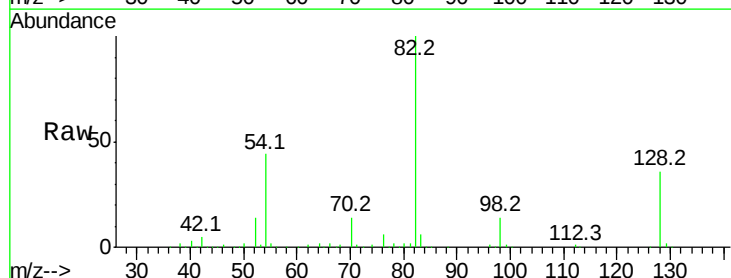
Ion Ratio Lower Upper

70 100

42 37.4 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

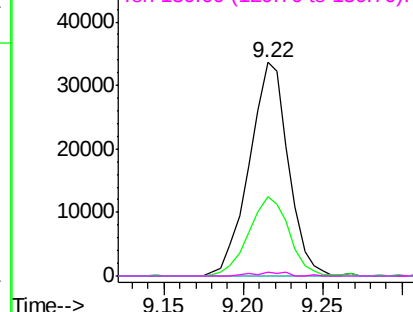
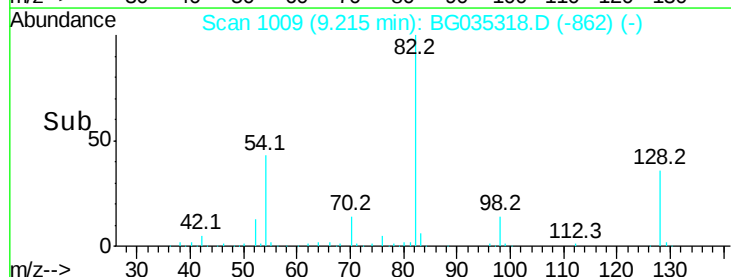


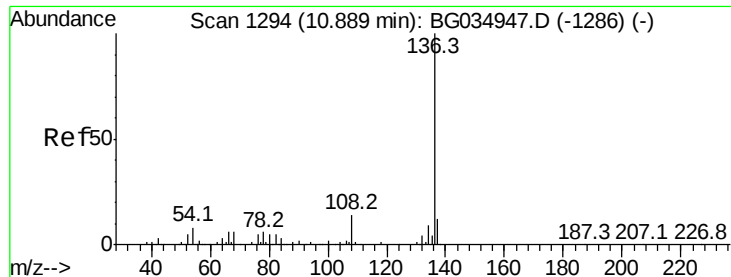
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

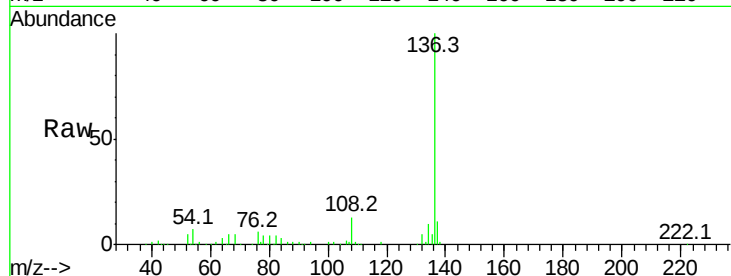




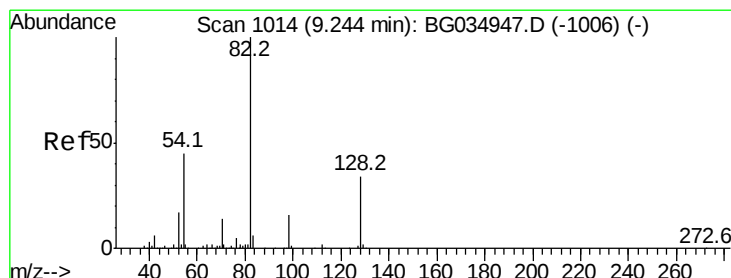
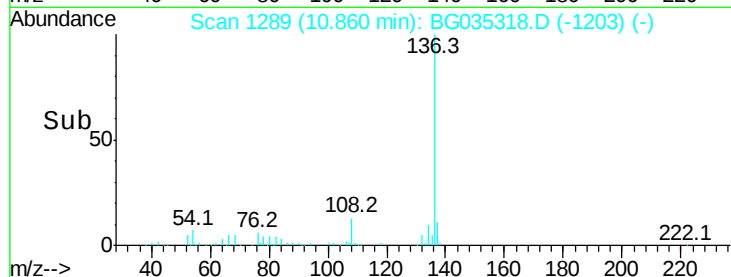
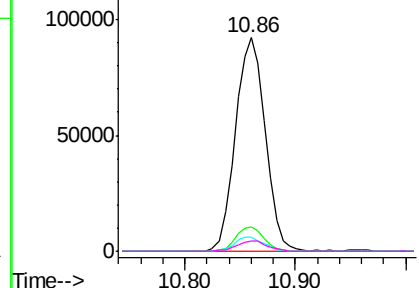
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	174679
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	6.6	10.3	15.5
68	5.0	4.5	6.7

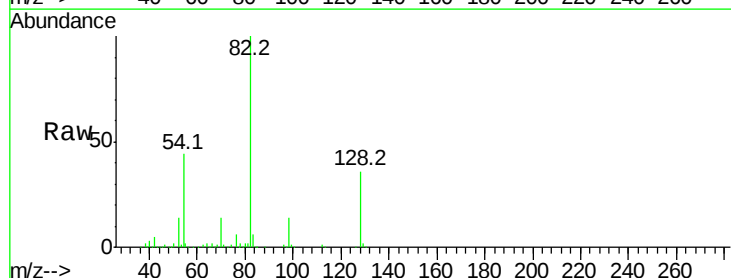


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

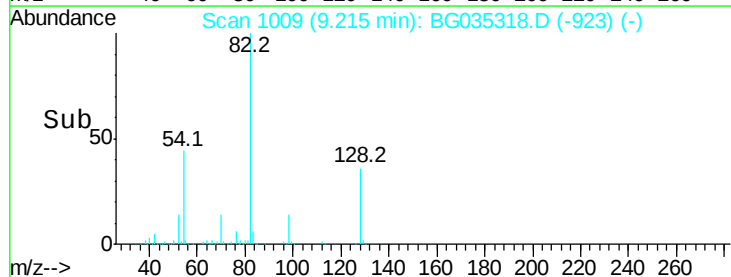
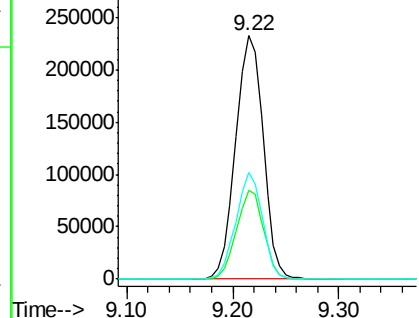


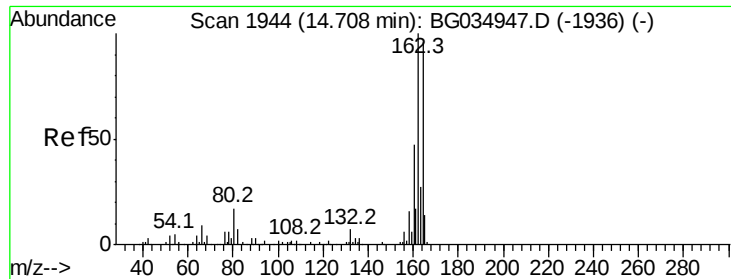
#23
Nitrobenzene-d5
Concen: 114.455 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Tgt Ion:	82	Resp:	420599
Ion Ratio	Lower	Upper	
82	100		
128	36.5	29.7	44.5
54	43.6	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: BG035318.D

Acq: 22 Jun 2018 4:23

Instrument :

BNA_G

ClientSampleId :

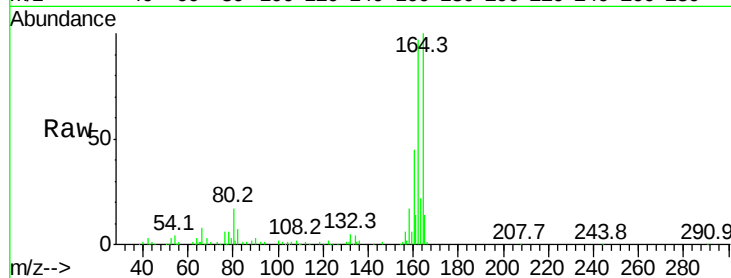
Tot Ion:164 Resp: 114394

Ion Ratio Lower Upper

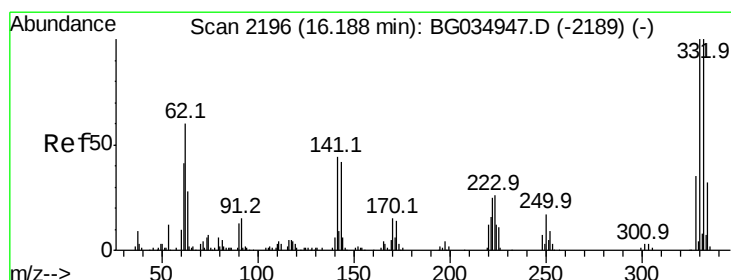
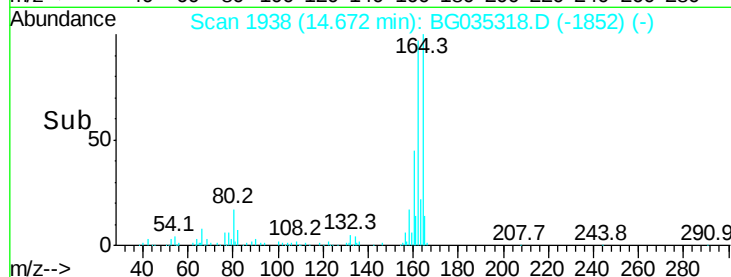
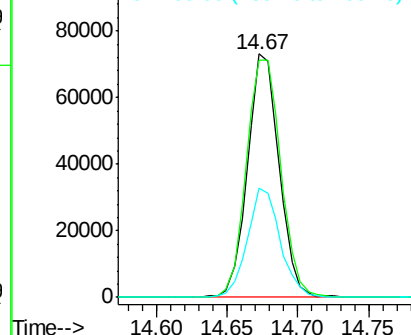
164 100

162 97.3 78.8 118.2

160 44.7 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: 198.337 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

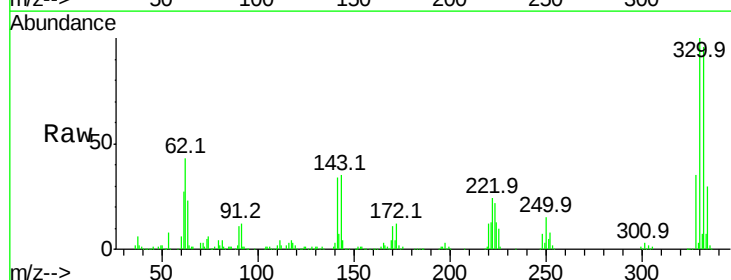
Tgt Ion:330 Resp: 290442

Ion Ratio Lower Upper

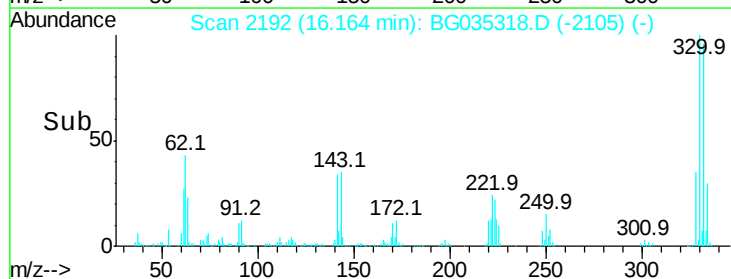
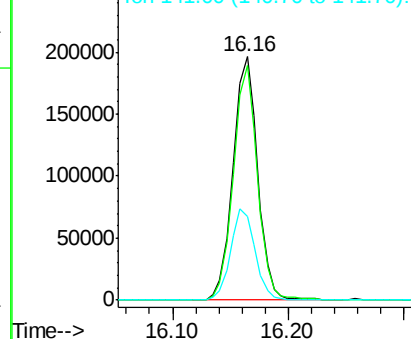
330 100

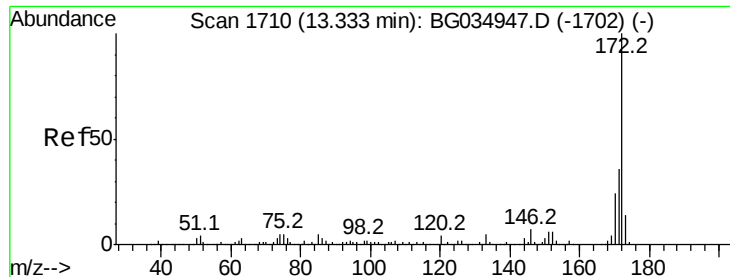
332 94.1 77.0 115.6

141 37.5 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

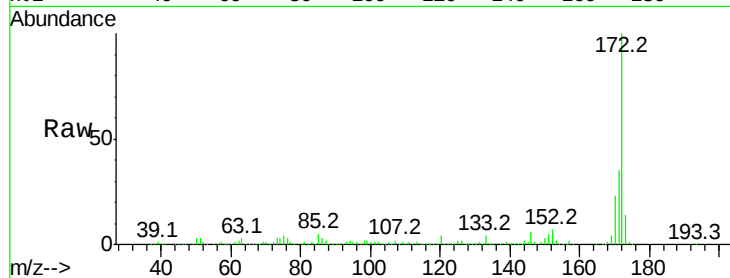




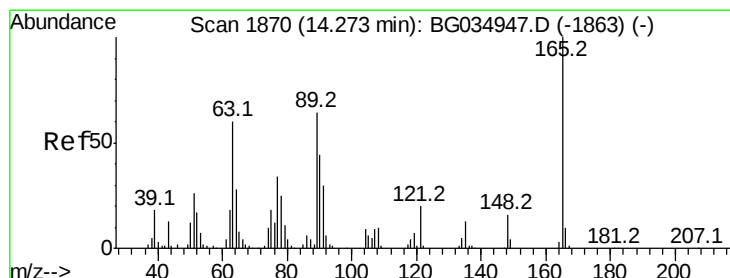
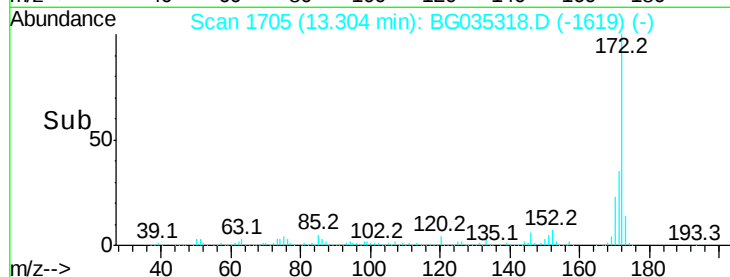
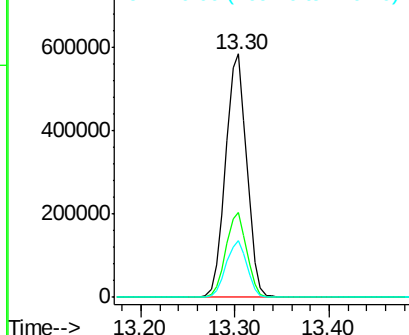
#44
2-Fluorobiphenyl
Concen: 103.918 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.4	19.5	29.3

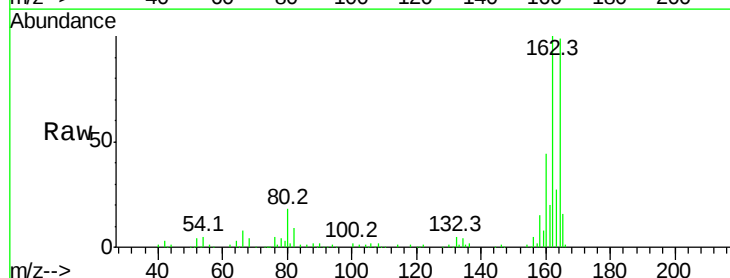


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

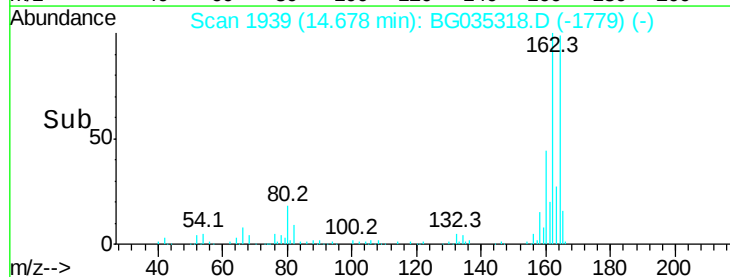
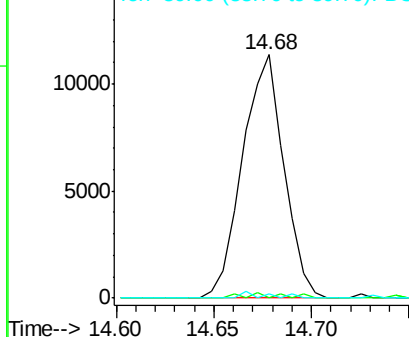


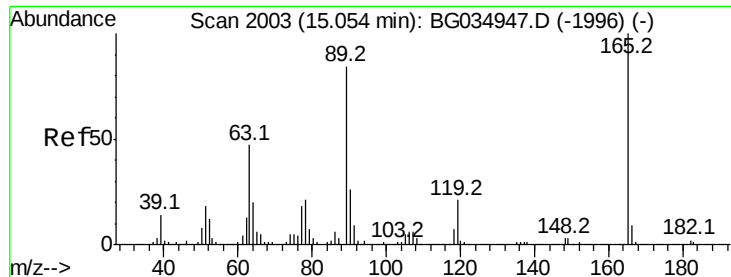
#50
2,6-Dinitrotoluene
Concen: 9.142 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.8	49.2	73.8#



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

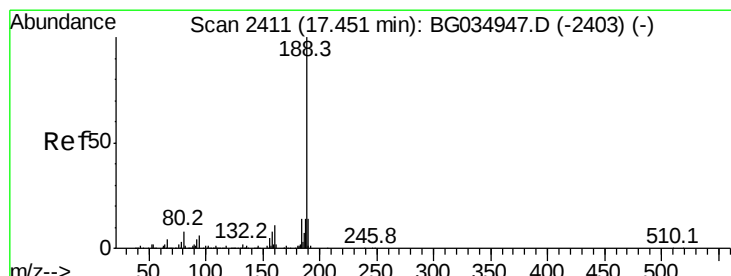
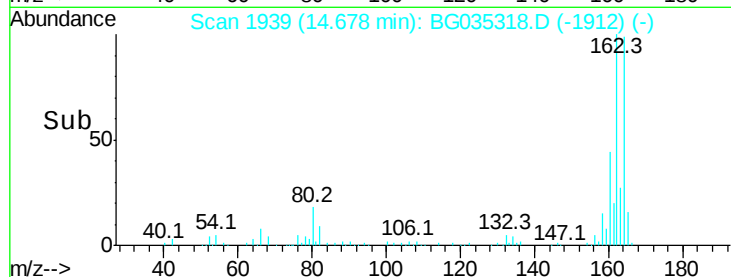
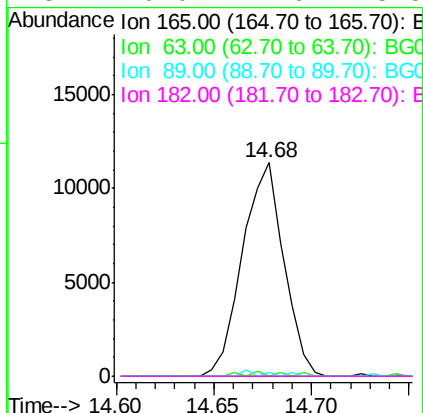
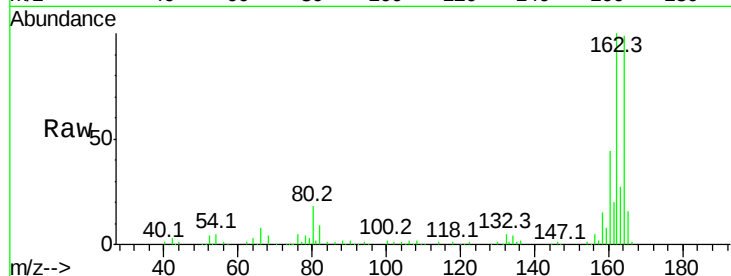




#56
 2,4-Dinitrotoluene
 Concen: 6.882 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.37 min
 Lab File: BG035318.D
 Acq: 22 Jun 2018 4:23

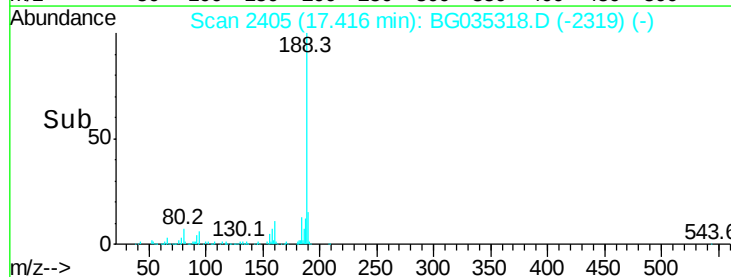
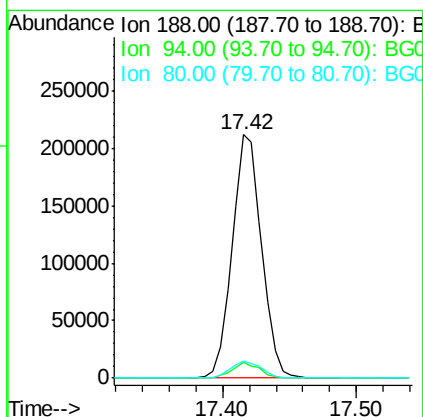
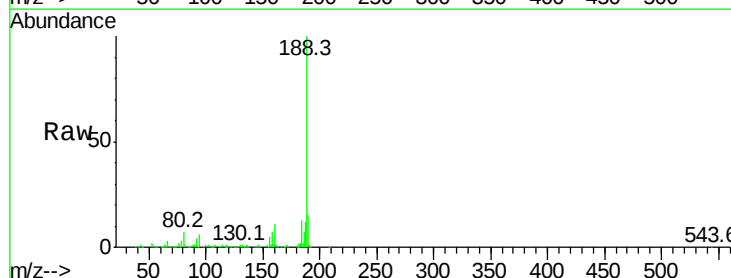
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.8	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: BG035318.D
 Acq: 22 Jun 2018 4:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.1	7.7	11.5#

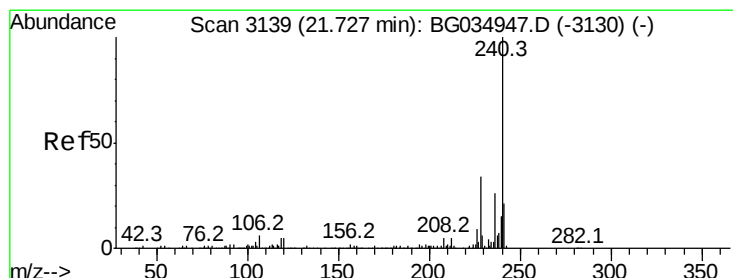
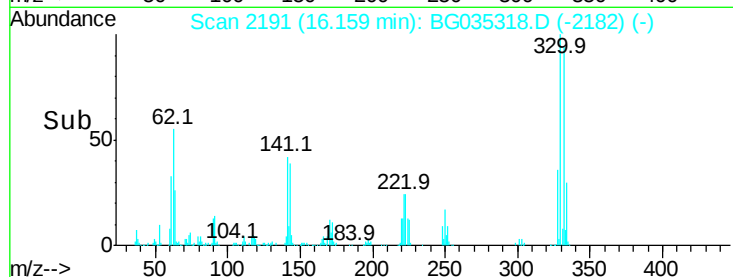
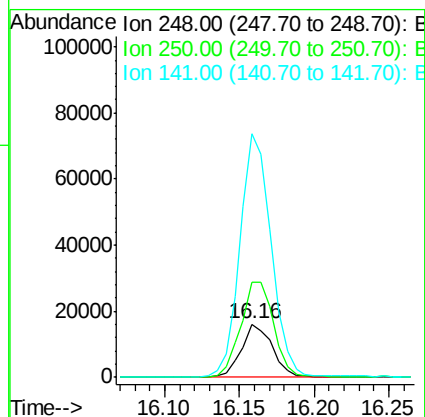
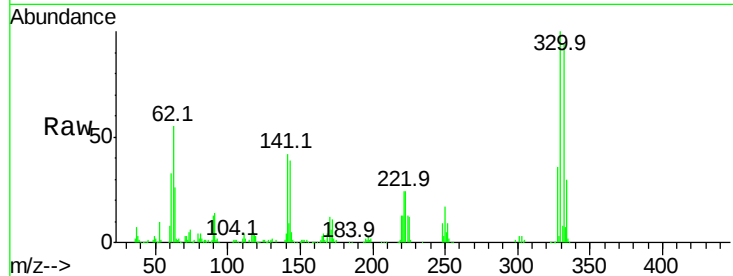




#66
4-Bromophenyl-phenylether
Concen: 5.962 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

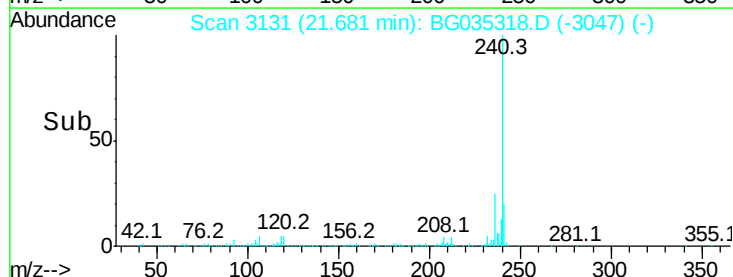
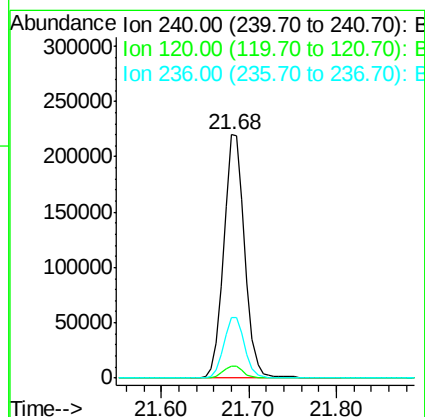
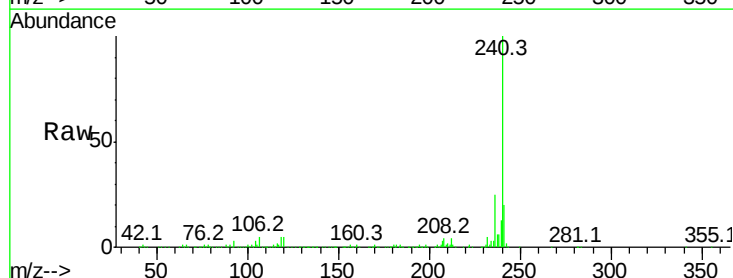
Instrument :
BNA_G
ClientSampled :

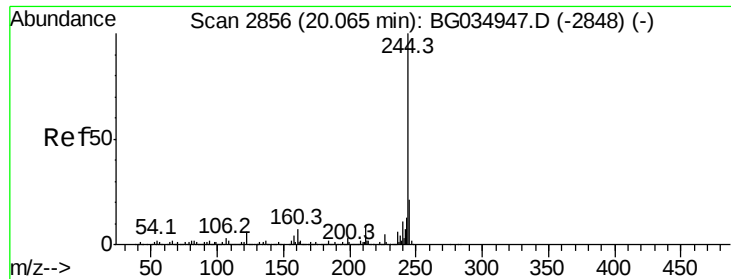
Tot Ion:248 Resp: 23238
Ion Ratio Lower Upper
248 100
250 180.6 77.1 115.7#
141 460.1 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035318.D
Acq: 22 Jun 2018 4:23

Tgt Ion:240 Resp: 364178
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 101.529 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035318.D

Acq: 22 Jun 2018 4:23

Instrument :

BNA_G

ClientSampleId :

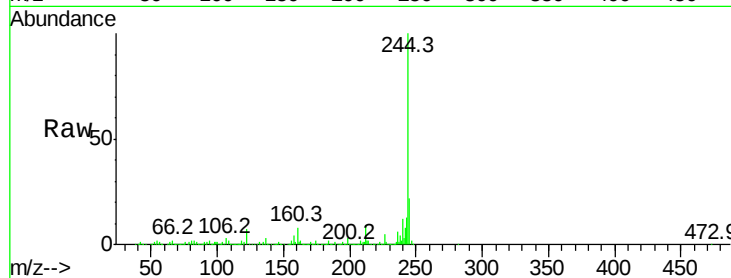
Tot Ion:244 Resp: 1765176

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

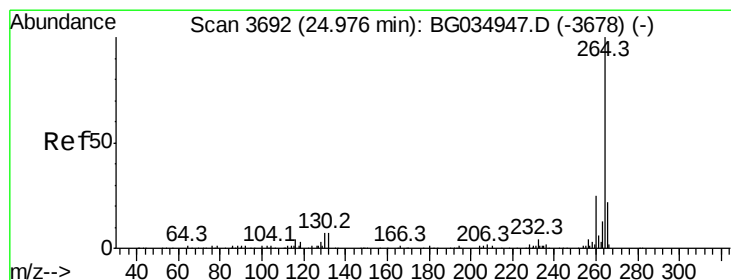
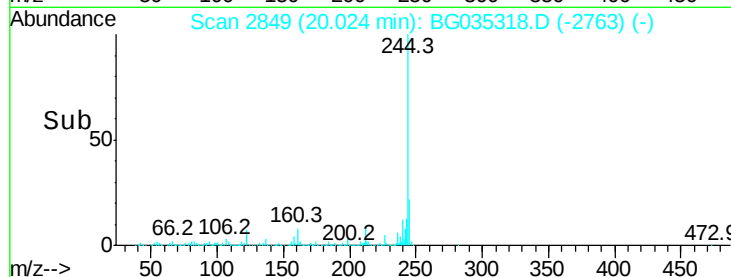
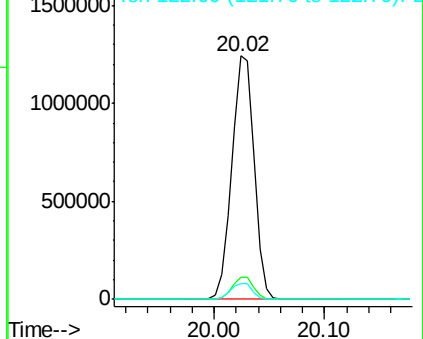
122 6.6 7.0 10.4#



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: BG035318.D

Acq: 22 Jun 2018 4:23

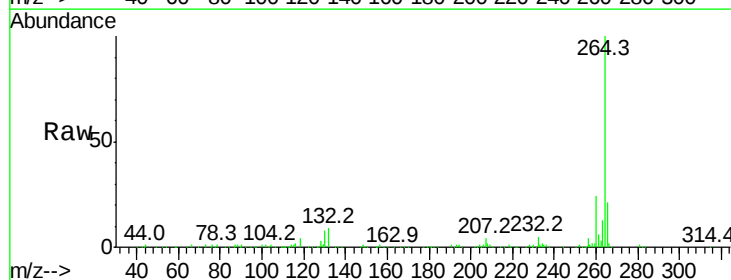
Tgt Ion:264 Resp: 348654

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 21.4 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

