

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035312.D
 Acq On : 21 Jun 2018 23:10
 Operator : JU/SJ
 Sample : PB110432BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 05:15:43 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

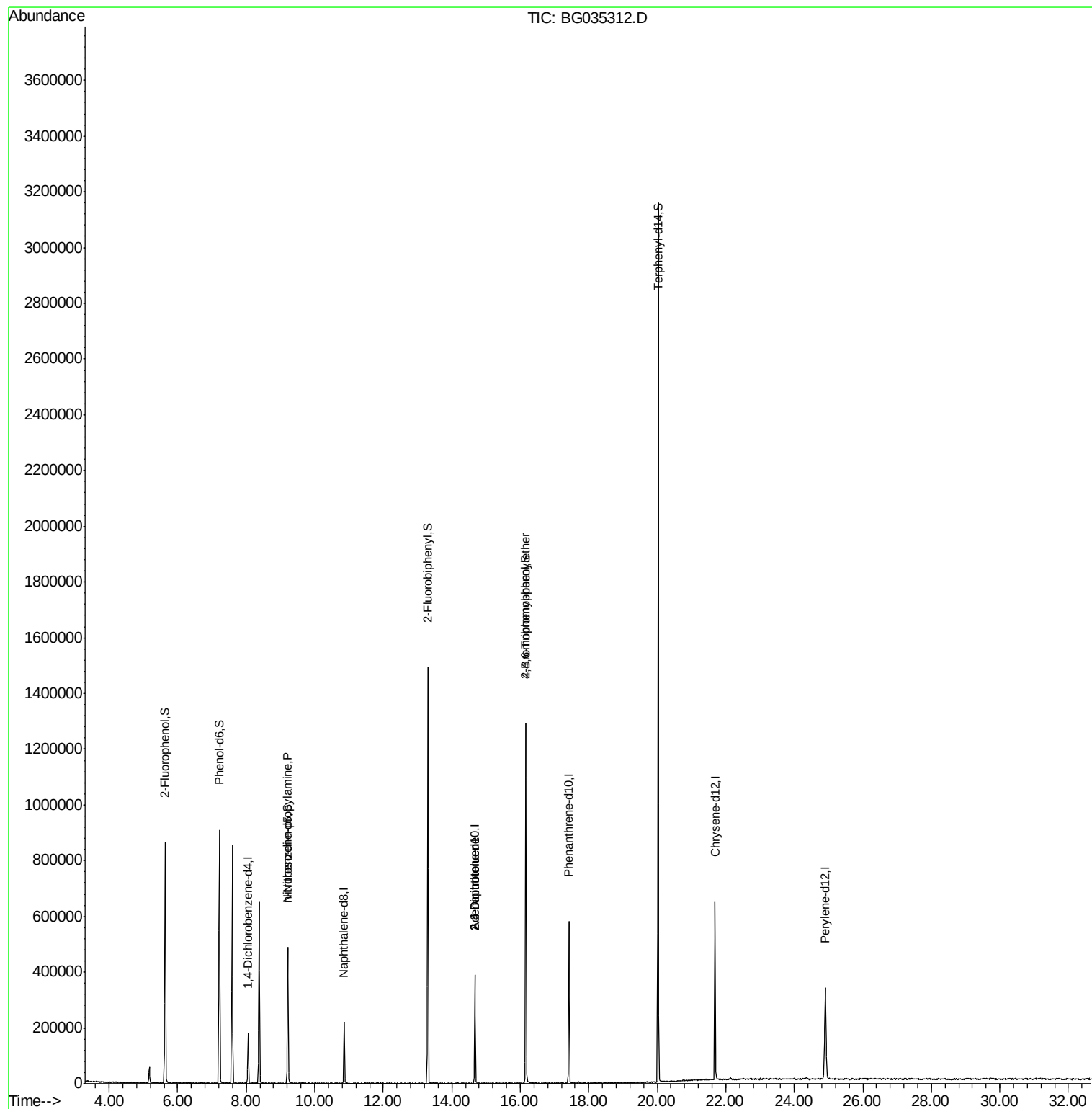
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51434	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	190357	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	134029	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	366594	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	402823	20.00	ng	-0.03
86) Perylene-d12	24.91	264	389483	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	379359	124.47	ng	0.00
7) Phenol-d6	7.21	99	540211	120.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	330518	82.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	242657	141.43	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	805358	78.11	ng	-0.03
78) Terphenyl-d14	20.03	244	1491902	77.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	44608	11.672	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	18203	8.537	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	18203	6.427	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	18947	4.292	ng	# 1

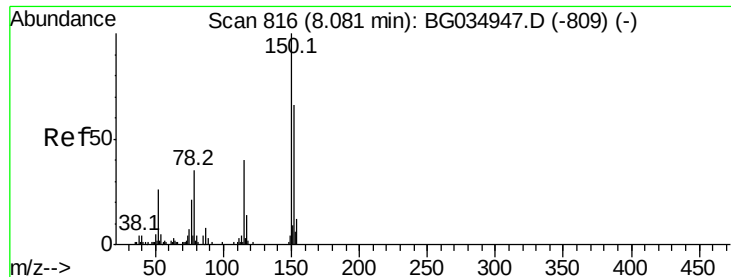
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035312.D
Acq On : 21 Jun 2018 23:10
Operator : JU/SJ
Sample : PB110432BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 22 05:15:43 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



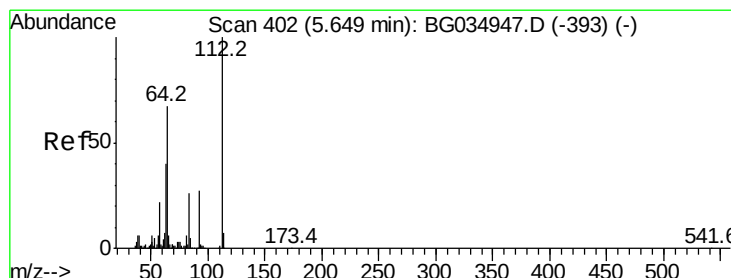
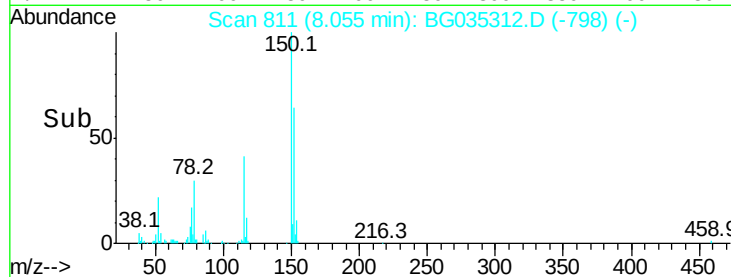
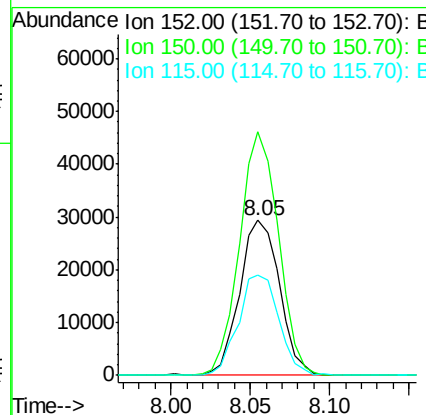
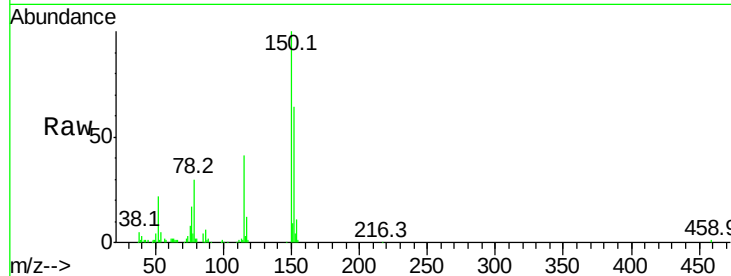


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035312.D
Acq: 21 Jun 2018 23:10

Instrument :
BNA_G
ClientSampleId :

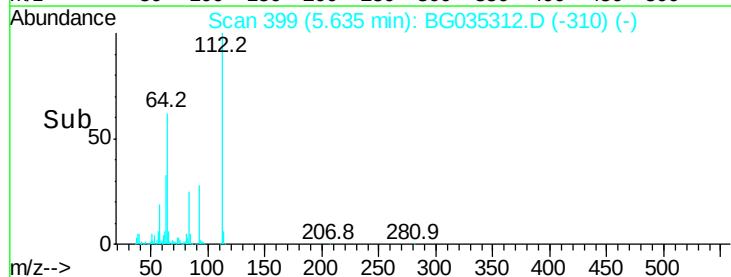
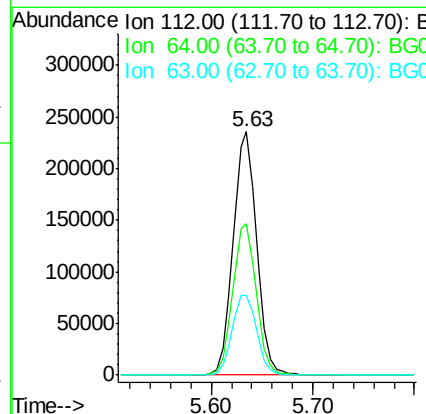
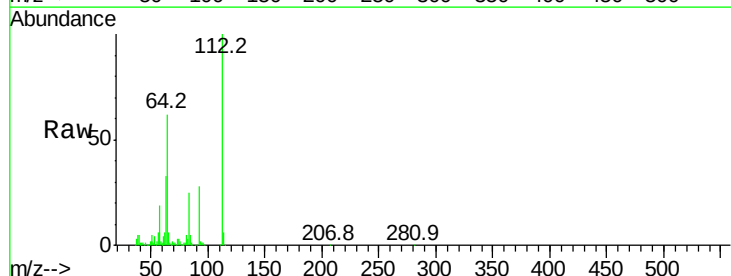
Tot Ion:152 Resp: 51434
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 65.1 53.0 79.4

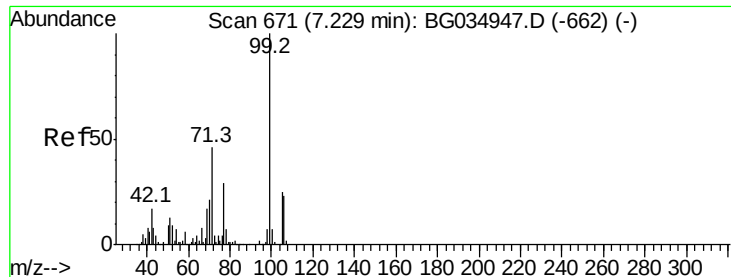


#5

2-Fluorophenol
Concen: 124.472 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035312.D
Acq: 21 Jun 2018 23:10

Tgt Ion:112 Resp: 379359
Ion Ratio Lower Upper
112 100
64 62.3 56.3 84.5
63 33.0 30.1 45.1





#7

Phenol-d6

Concen: 120.092 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035312.D

Acq: 21 Jun 2018 23:10

Instrument :

BNA_G

ClientSampleId :

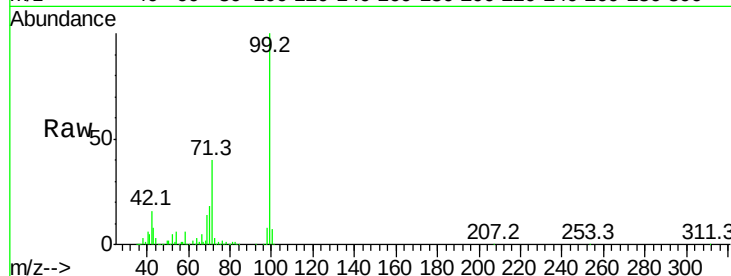
Tot Ion: 99 Resp: 540211

Ion Ratio Lower Upper

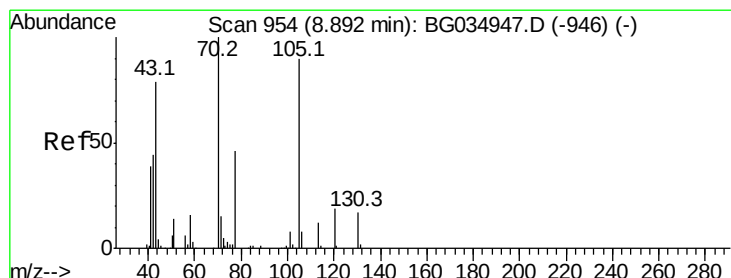
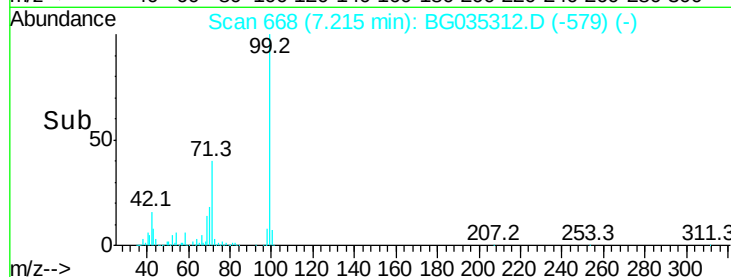
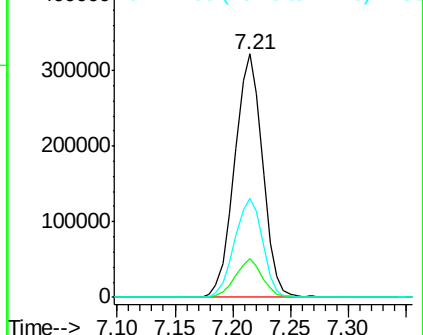
99 100

42 15.8 14.1 21.1

71 40.4 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: 11.672 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035312.D

Acq: 21 Jun 2018 23:10

Tgt Ion: 70 Resp: 44608

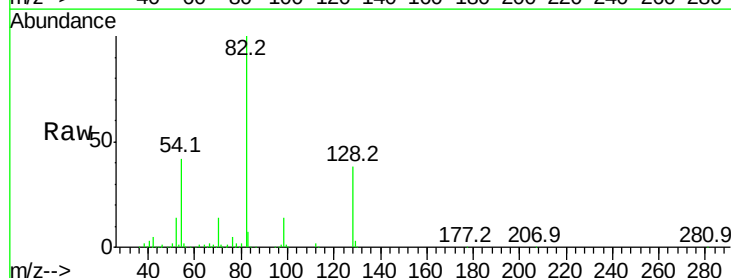
Ion Ratio Lower Upper

70 100

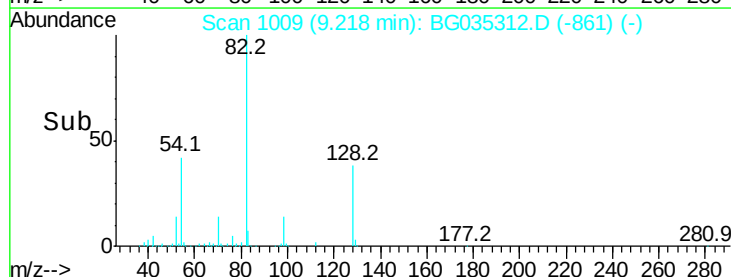
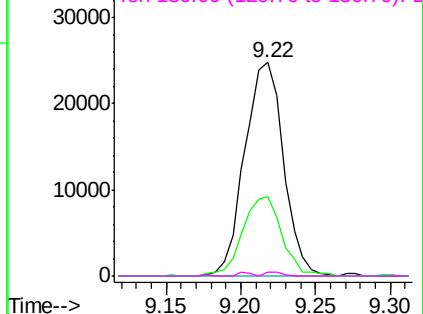
42 37.4 49.1 73.7#

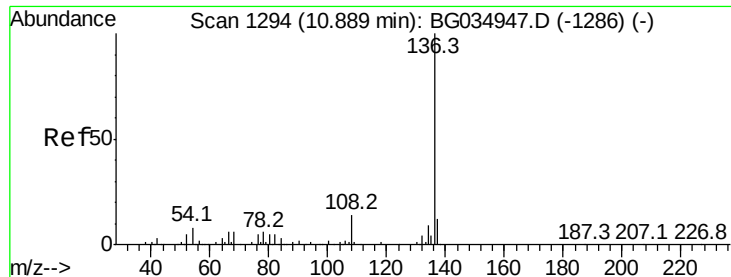
101 0.0 8.5 12.7#

130 1.6 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

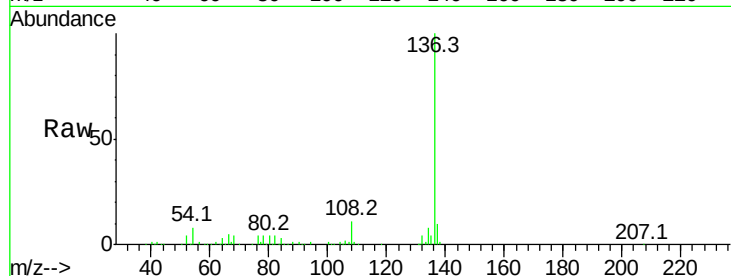




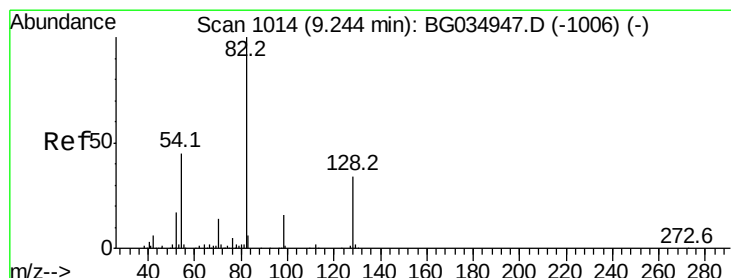
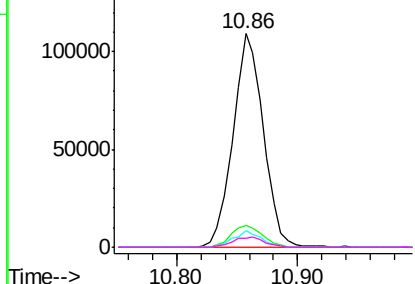
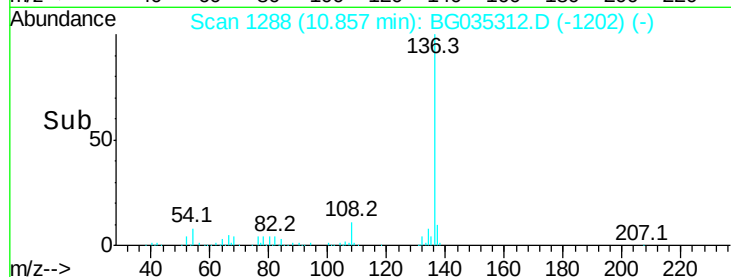
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035312.D
Acq: 21 Jun 2018 23:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	190357
Ion Ratio	Lower	Upper
136	100	
137	10.1	9.2 13.8
54	8.1	10.3 15.5#
68	4.1	4.5 6.7#

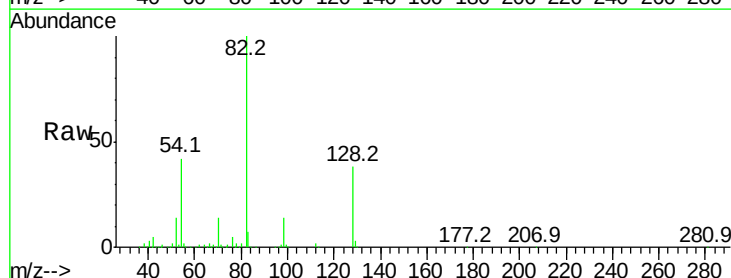


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

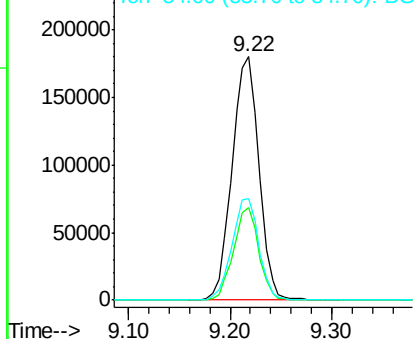
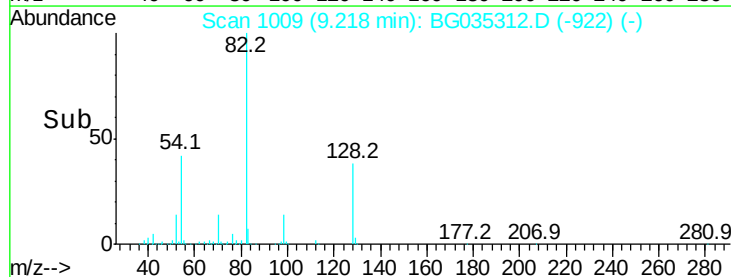


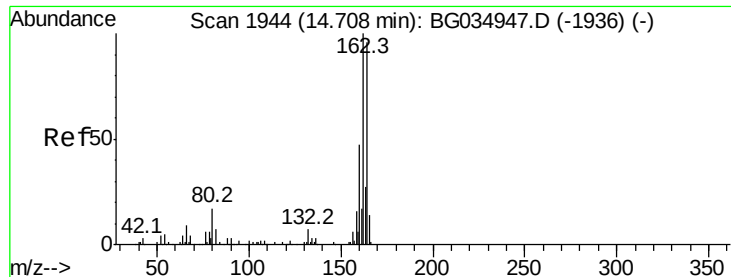
#23
Nitrobenzene-d5
Concen: 82.534 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035312.D
Acq: 21 Jun 2018 23:10

Tgt Ion: 82	Resp:	330518
Ion Ratio	Lower	Upper
82	100	
128	38.0	29.7 44.5
54	42.0	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: 14.68 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035312.D

Acq: 21 Jun 2018 23:10

Instrument :

BNA_G

ClientSampleId :

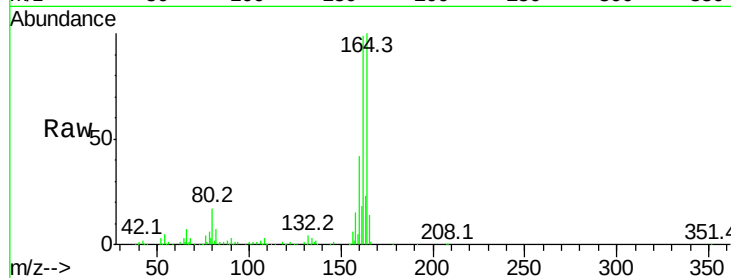
Tot Ion:164 Resp: 134029

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

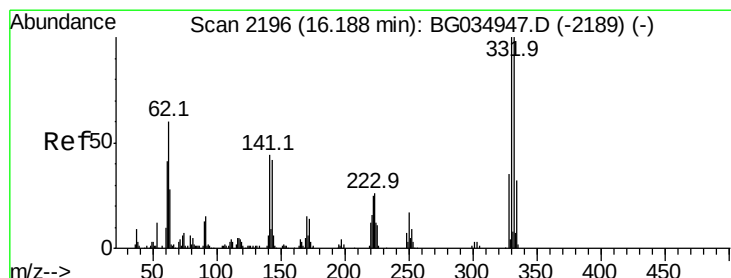
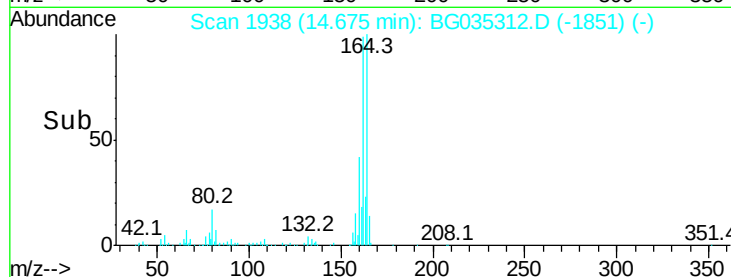
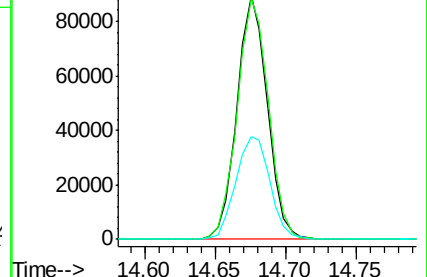
160 42.4 35.4 53.0



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: 141.430 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035312.D

Acq: 21 Jun 2018 23:10

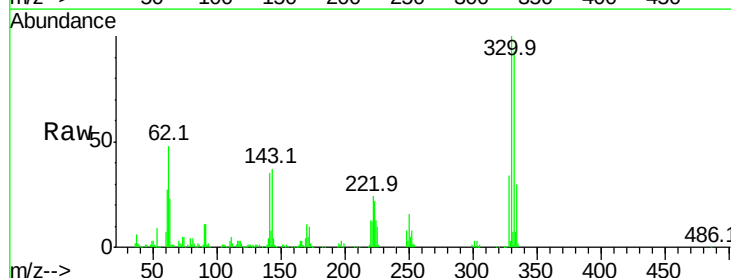
Tgt Ion:330 Resp: 242657

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

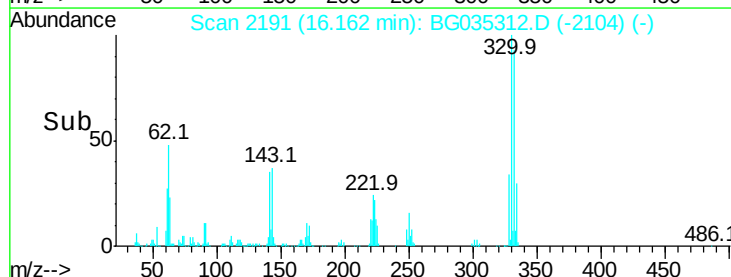
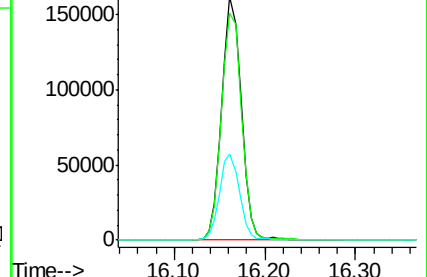
141 36.0 25.2 37.8

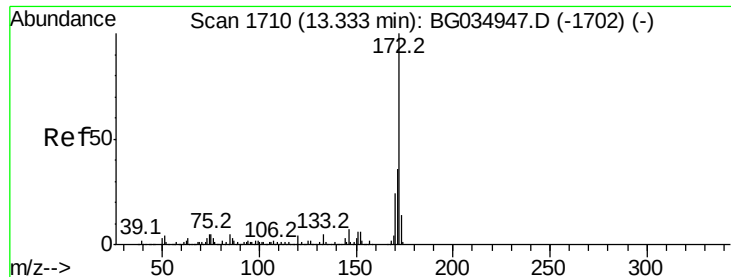


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

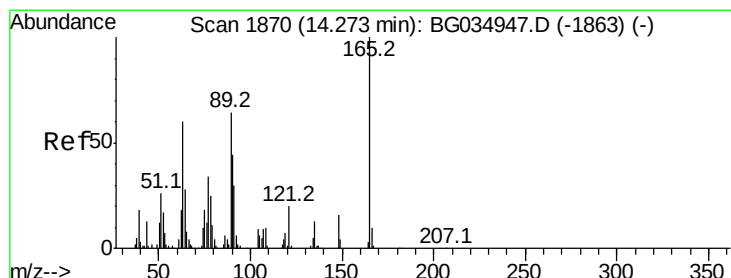
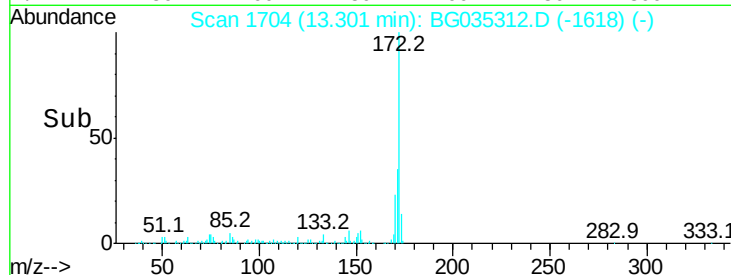
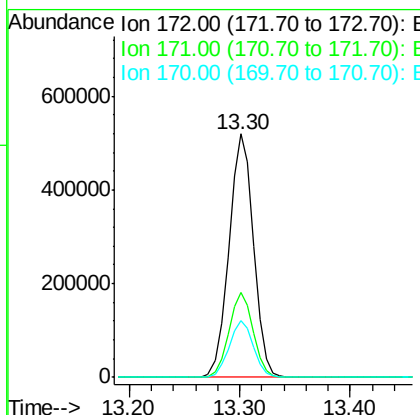
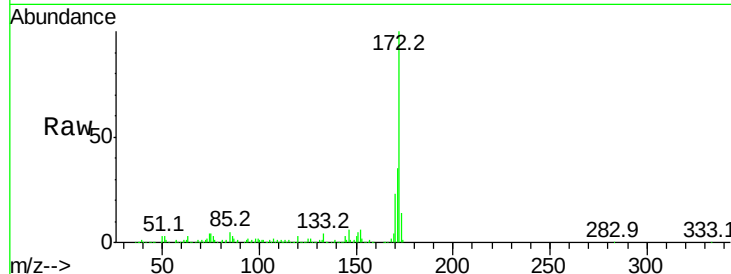




#44
 2-Fluorobiphenyl
 Concen: 78.115 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035312.D
 Acq: 21 Jun 2018 23:10

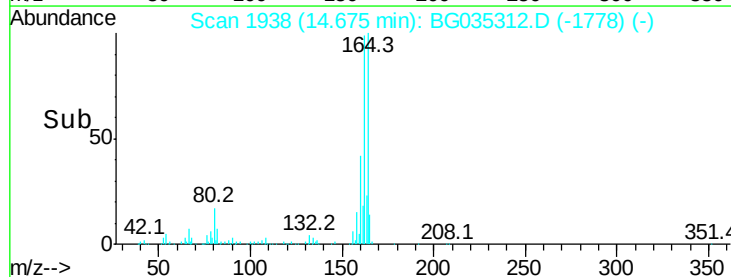
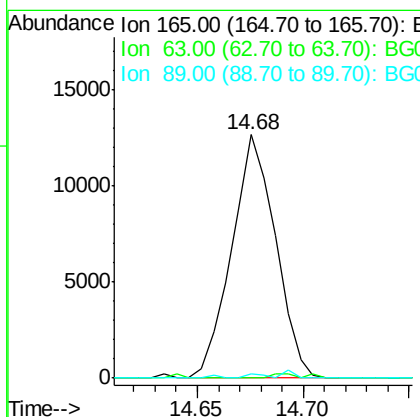
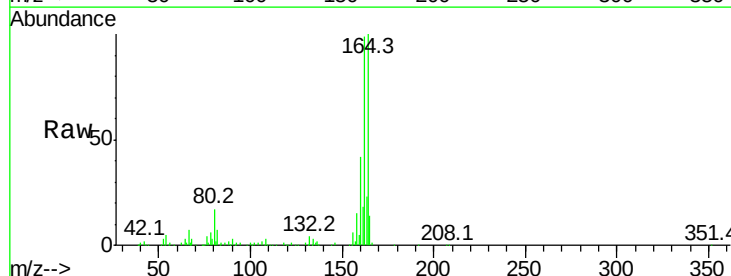
Instrument :
 BNA_G
 ClientSampleId :

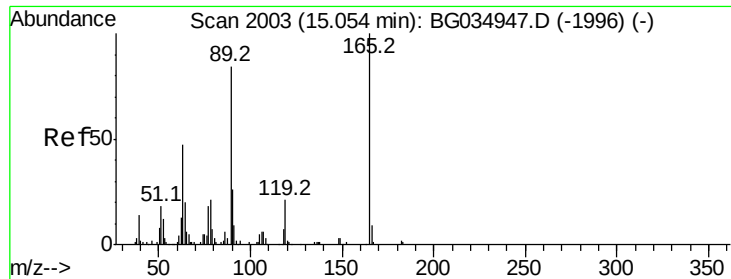
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.1	19.5	29.3



#50
 2,6-Dinitrotoluene
 Concen: 8.537 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.41 min
 Lab File: BG035312.D
 Acq: 21 Jun 2018 23:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.6	49.2	73.8#

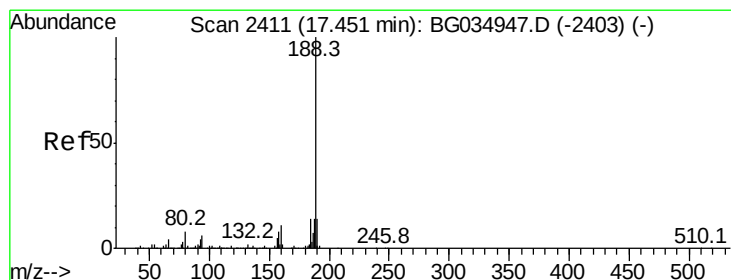
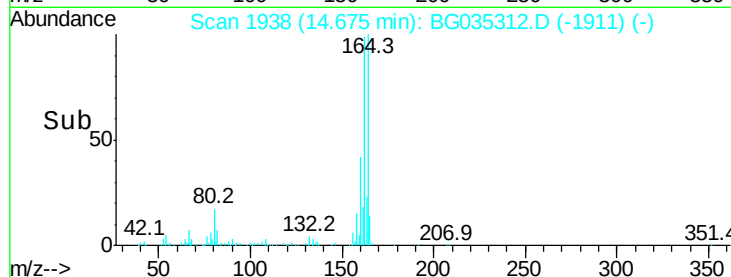
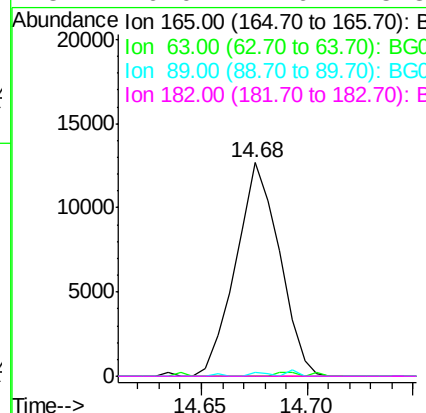
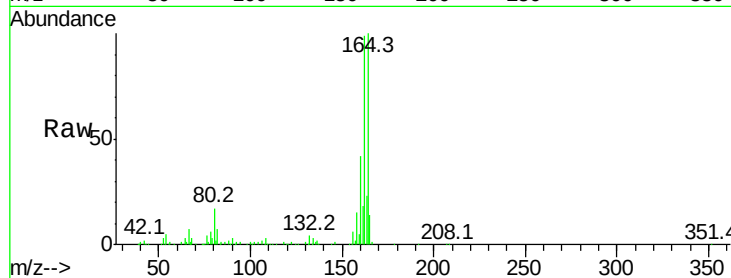




#56
2,4-Dinitrotoluene
Concen: 6.427 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.37 min
Lab File: BG035312.D
Acq: 21 Jun 2018 23:10

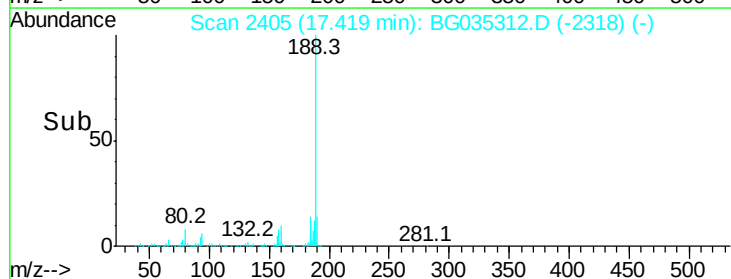
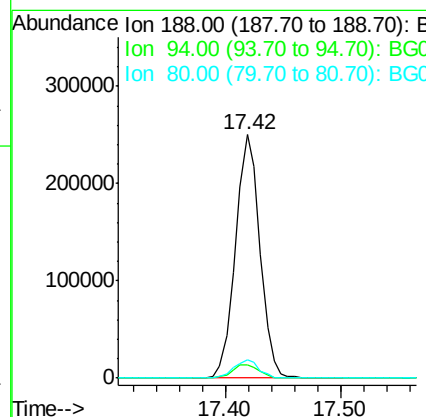
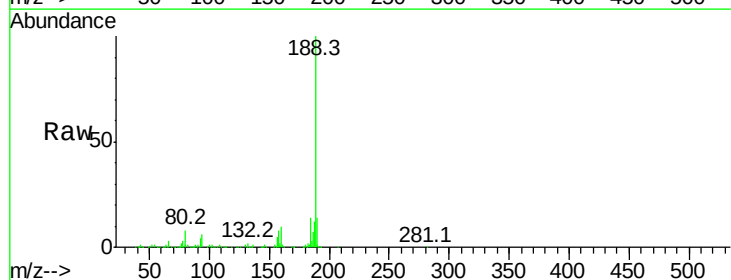
Instrument :
BNA_G
ClientSampleId :

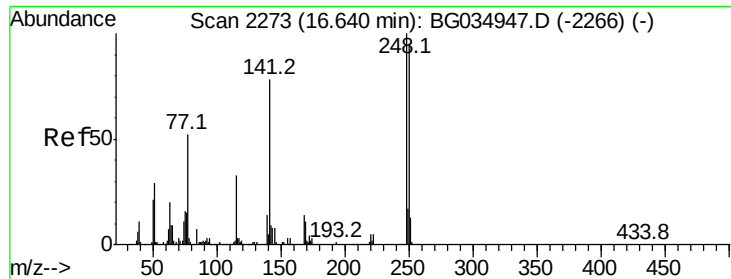
Tot Ion:165 Resp: 18203
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.6 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035312.D
Acq: 21 Jun 2018 23:10

Tgt Ion:188 Resp: 366594
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 7.6 7.7 11.5#

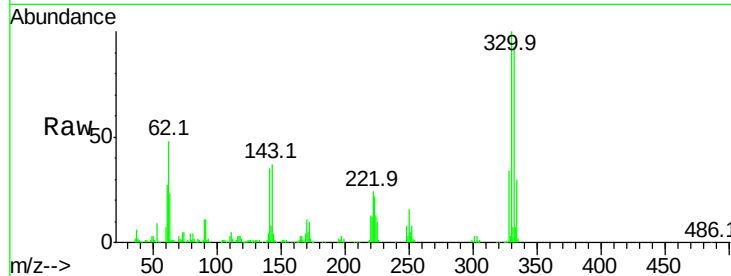




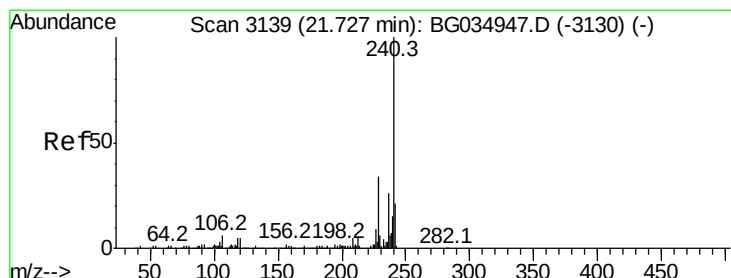
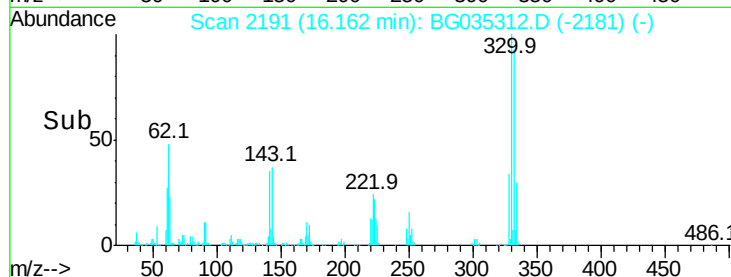
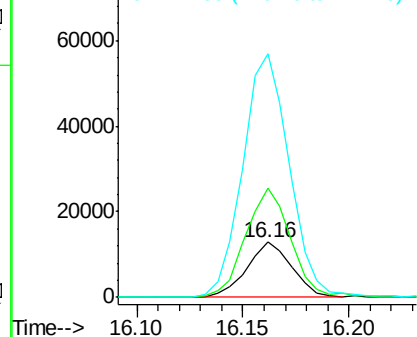
#66
 4-Bromophenyl-phenylether
 Concen: 4.292 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.47 min
 Lab File: BG035312.D
 Acq: 21 Jun 2018 23:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 18947
 Ion Ratio Lower Upper
 248 100
 250 198.4 77.1 115.7#
 141 440.4 50.8 76.2#

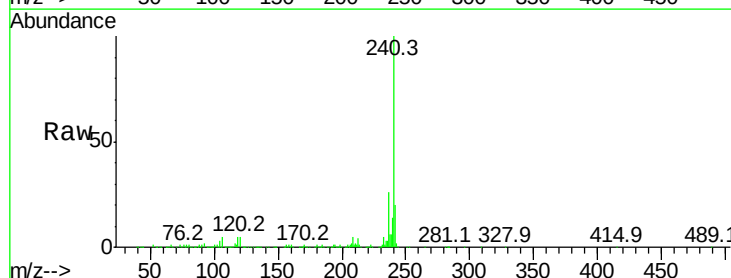


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

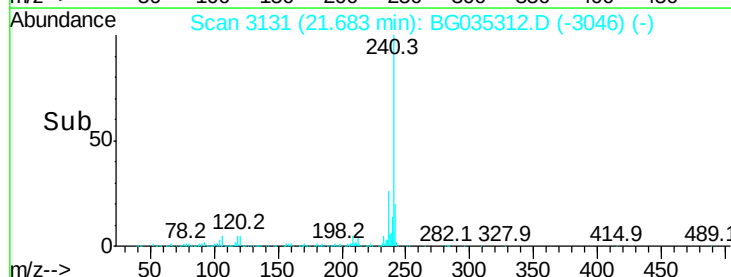
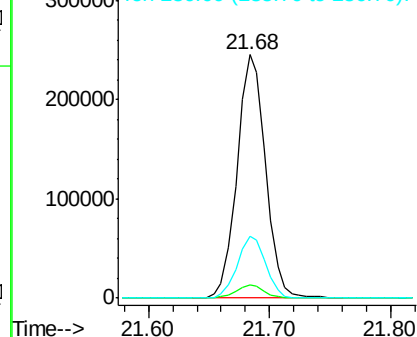


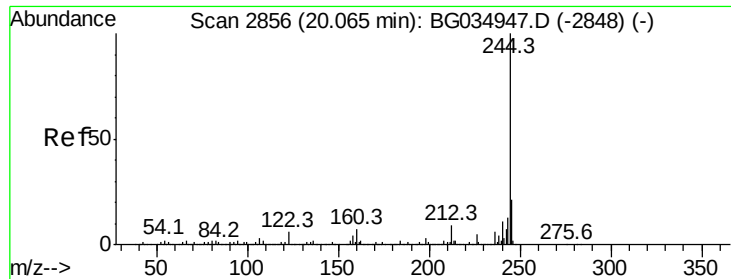
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.03 min
 Lab File: BG035312.D
 Acq: 21 Jun 2018 23:10

Tgt Ion:240 Resp: 402823
 Ion Ratio Lower Upper
 240 100
 120 5.3 6.8 10.2#
 236 25.6 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

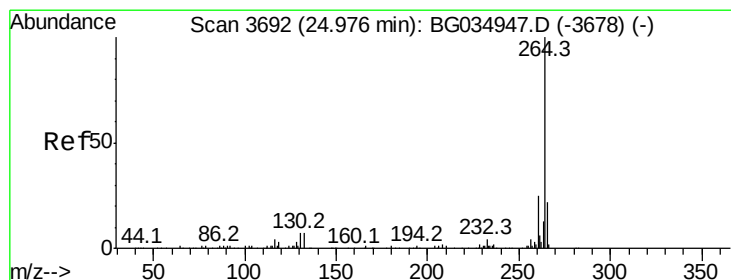
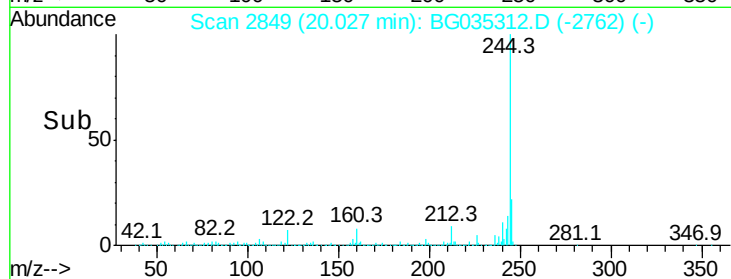
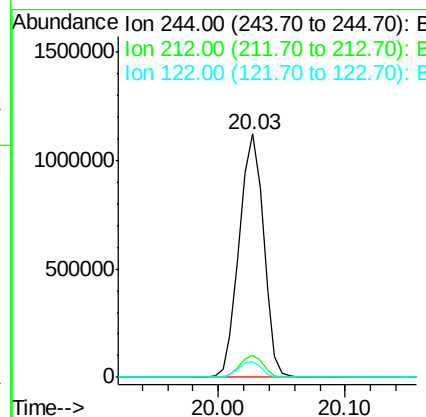
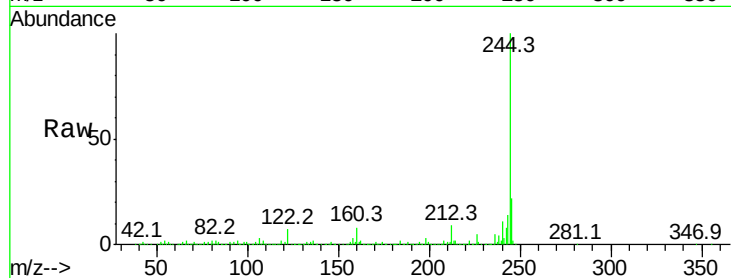




#78
 Terphenyl-d14
 Concen: 77.579 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BG035312.D
 Acq: 21 Jun 2018 23:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1491902
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.04 min
 Lab File: BG035312.D
 Acq: 21 Jun 2018 23:10

Tgt Ion:264 Resp: 389483
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.4 26.0
 265 22.0 17.7 26.5

