

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
 Data File : BG038343.D
 Acq On : 5 Dec 2018 3:10
 Operator : JU/SJ
 Sample : PB115249TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115249TB

Quant Time: Dec 05 06:03:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

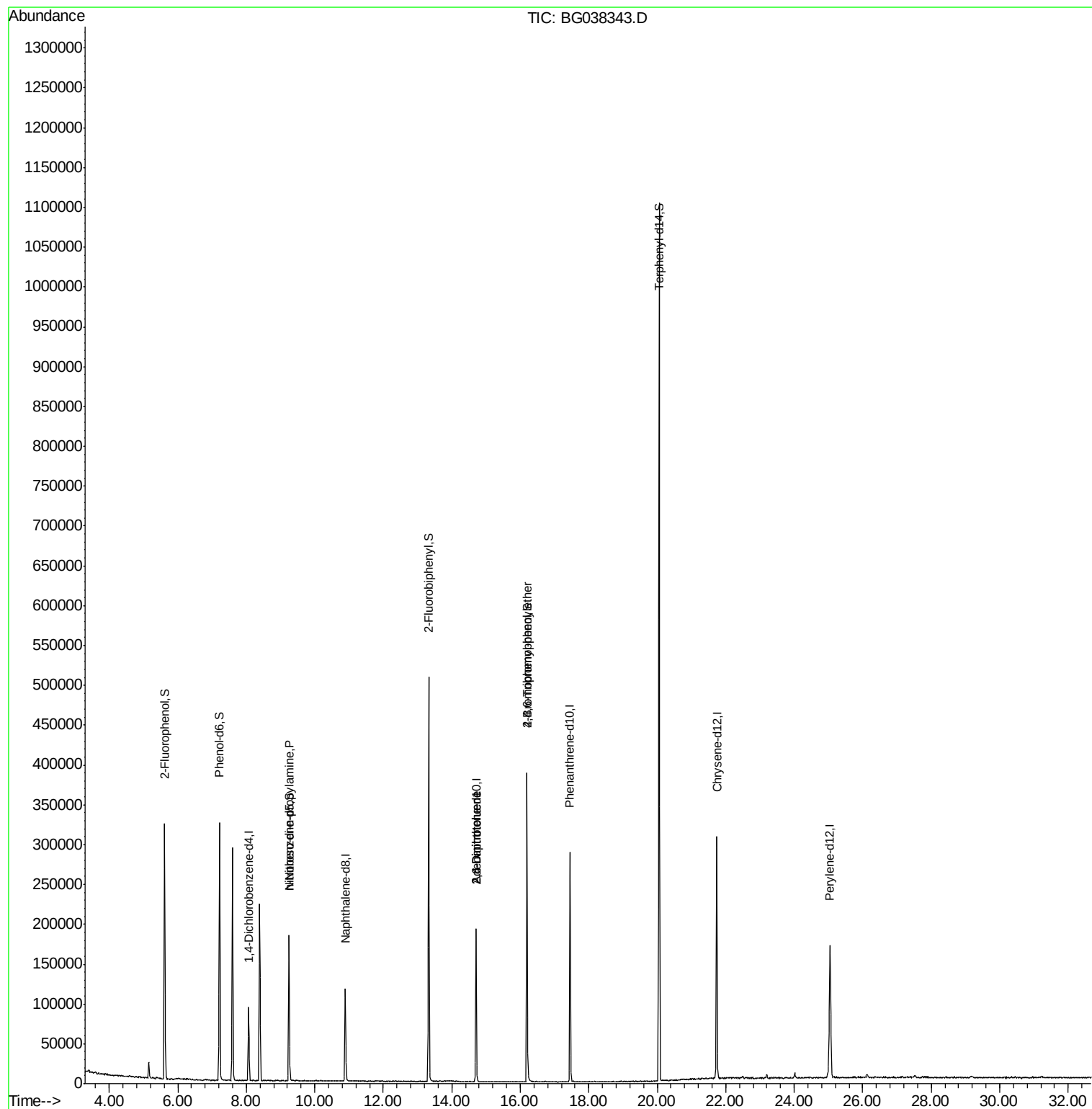
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25807	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	111852	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	69545	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	186472	20.00	ng	0.00
76) Chrysene-d12	21.74	240	191204	20.00	ng	0.00
87) Perylene-d12	25.05	264	193792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	141831	97.26	ng	0.00
7) Phenol-d6	7.22	99	185502	88.01	ng	0.00
23) Nitrobenzene-d5	9.25	82	115397	51.22	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	74826	87.64	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	279619	57.29	ng	0.00
79) Terphenyl-d14	20.06	244	543999	60.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	14278	7.561	ng	# 74
51) 2,6-Dinitrotoluene	14.70	165	8760	6.875	ng	# 23
57) 2,4-Dinitrotoluene	14.70	165	8760	4.985	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	5159	2.562	ng	# 1

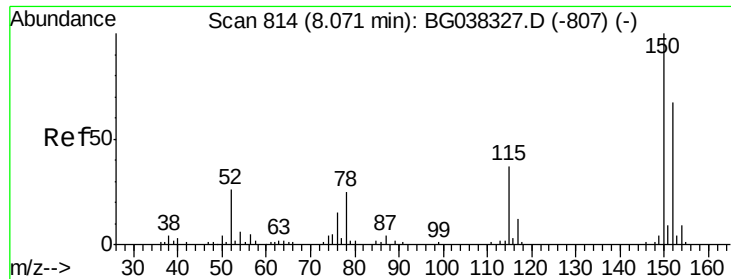
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120418\
Data File : BG038343.D
Acq On : 5 Dec 2018 3:10
Operator : JU/SJ
Sample : PB115249TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115249TB

Quant Time: Dec 05 06:03:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Instrument :

BNA_G

ClientSampleId :

PB115249TB

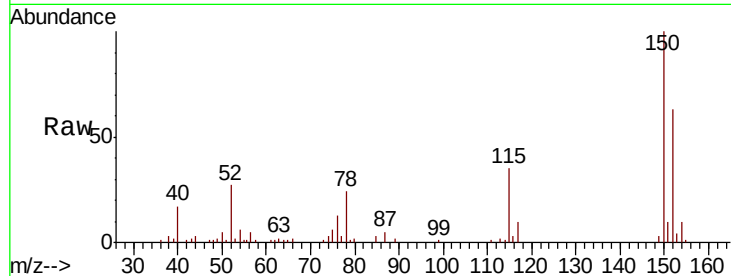
Tgt Ion:152 Resp: 25807

Ion Ratio Lower Upper

152 100

150 159.9 126.0 189.0

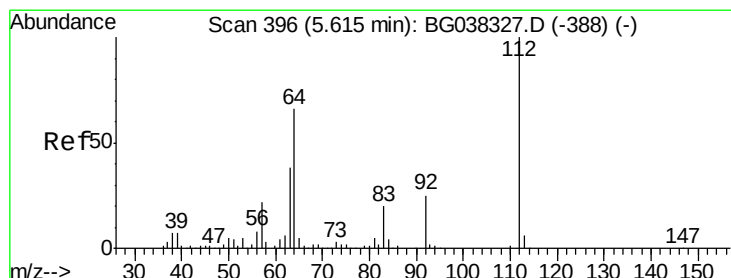
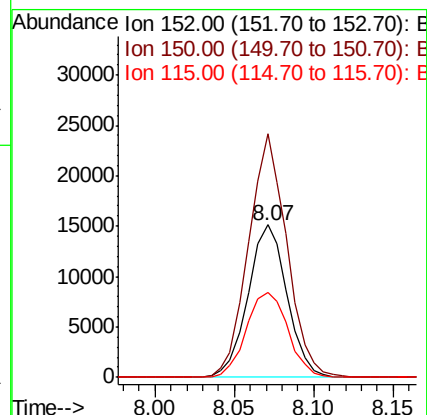
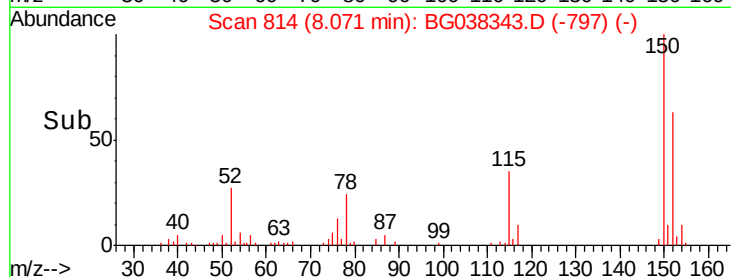
115 56.1 45.5 68.3



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: 97.257 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

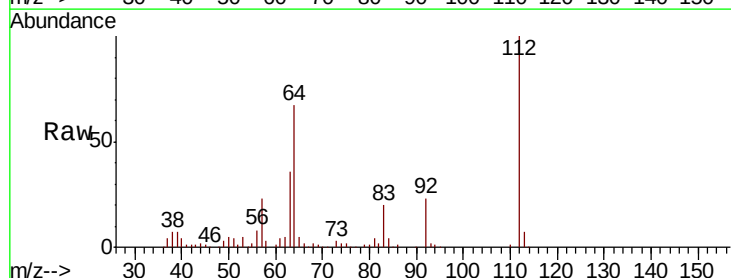
Tgt Ion:112 Resp: 141831

Ion Ratio Lower Upper

112 100

64 67.3 53.1 79.7

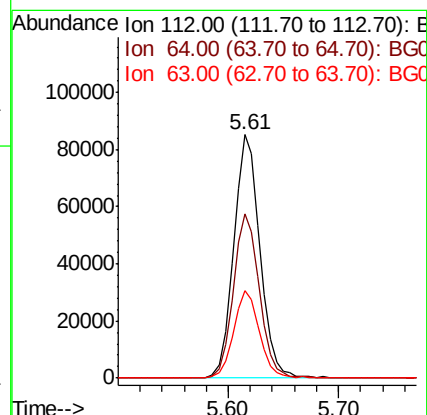
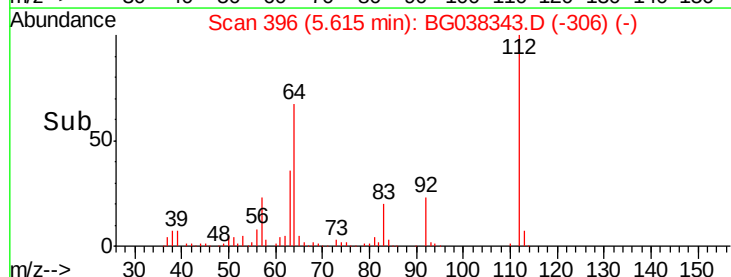
63 36.1 27.3 40.9

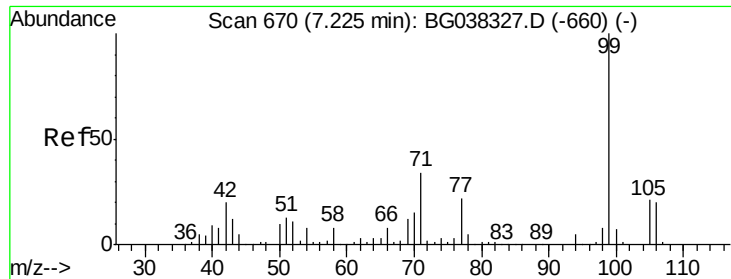


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 88.009 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Instrument :

BNA_G

ClientSampleId :

PB115249TB

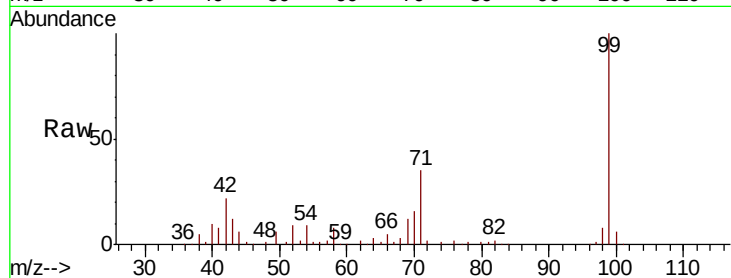
Tgt Ion: 99 Resp: 185502

Ion Ratio Lower Upper

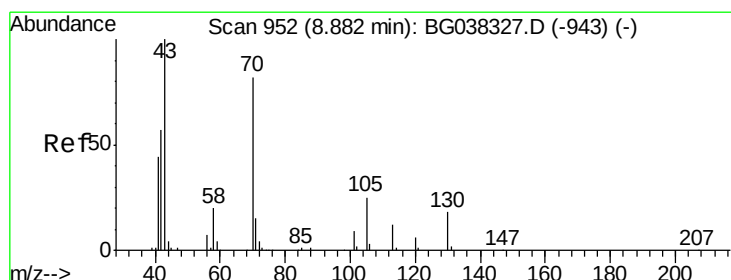
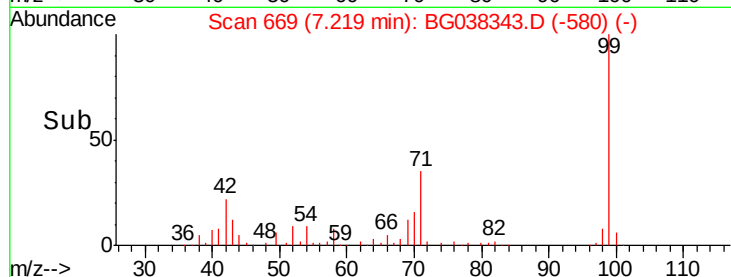
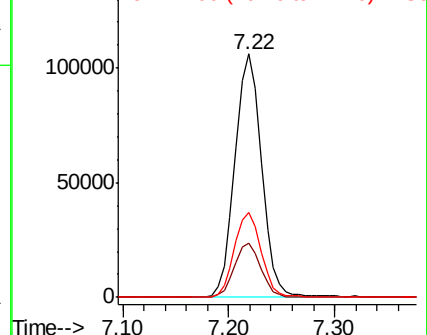
99 100

42 22.3 15.0 22.4

71 34.8 25.5 38.3



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: 7.561 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.36 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Tgt Ion: 70 Resp: 14278

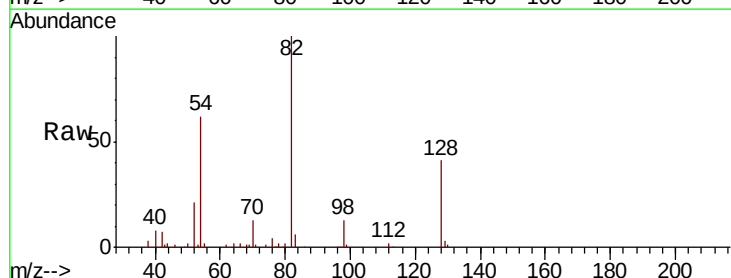
Ion Ratio Lower Upper

70 100

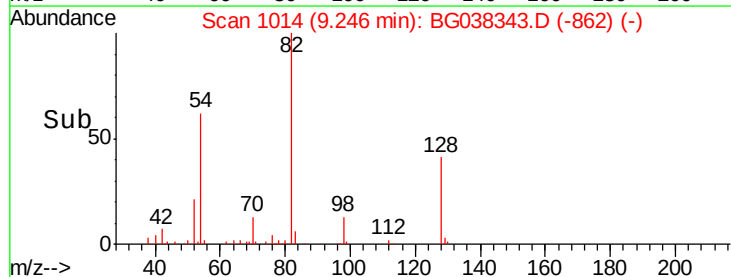
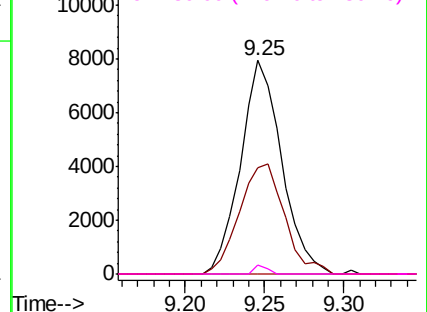
42 49.9 53.9 80.9#

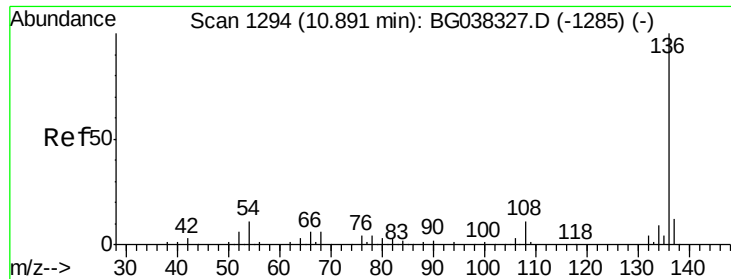
101 0.0 8.2 12.2#

130 4.1 18.2 27.4#



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

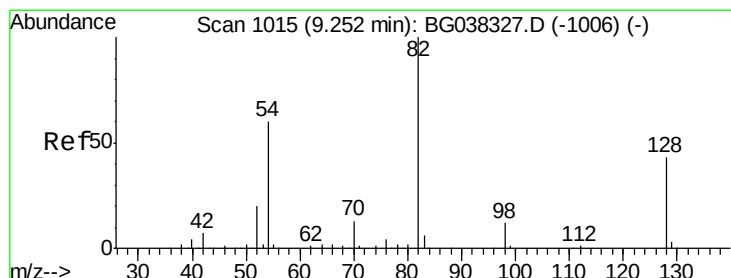
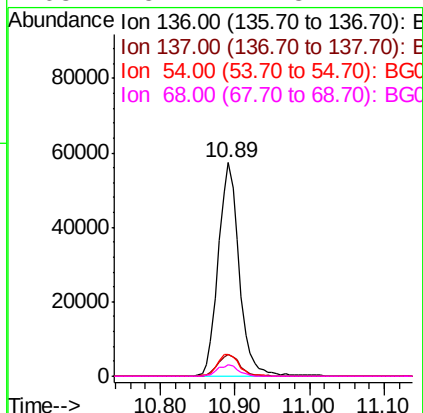
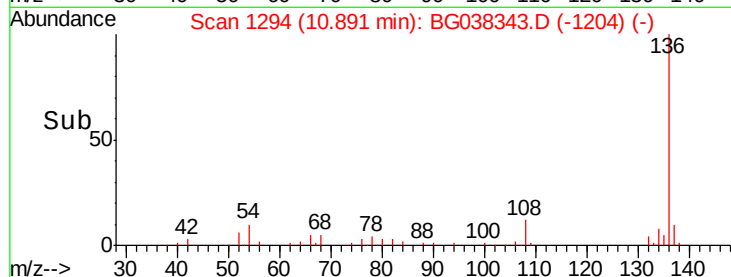
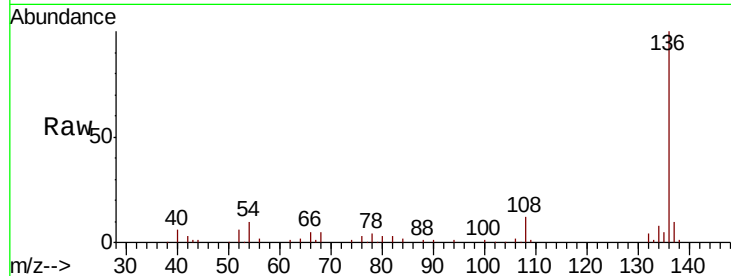




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038343.D
Acq: 5 Dec 2018 3:10

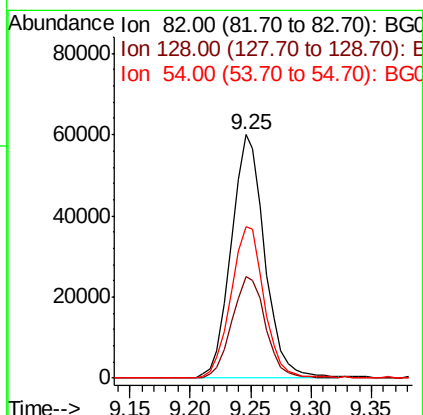
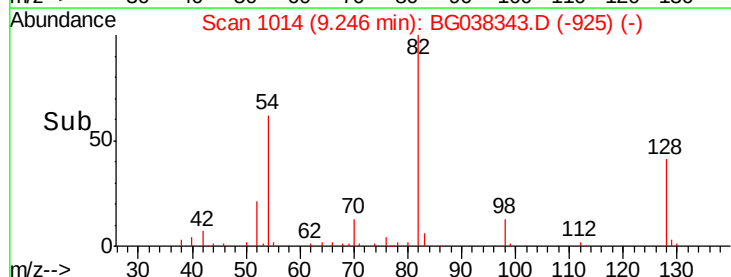
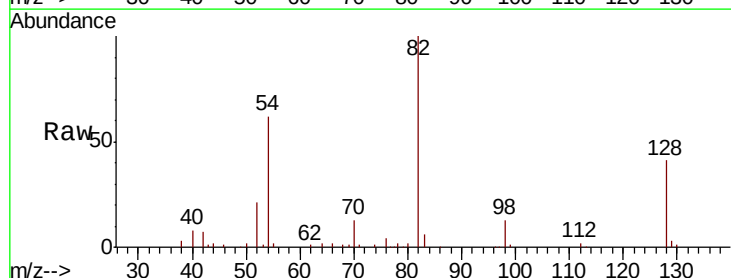
Instrument :
BNA_G
ClientSampleId :
PB115249TB

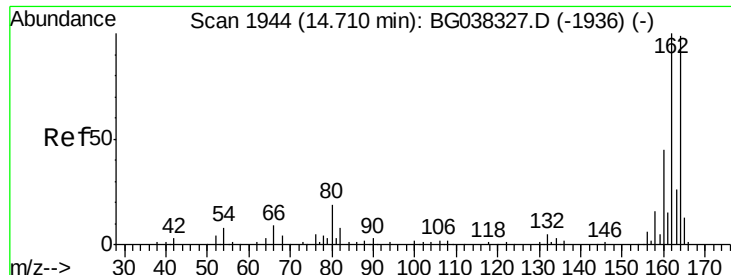
Tgt Ion:	136	Resp:	111852
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	10.5	7.9	11.9
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 51.221 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038343.D
Acq: 5 Dec 2018 3:10

Tgt Ion:	82	Resp:	115397
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	62.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Instrument :

BNA_G

ClientSampleId :

PB115249TB

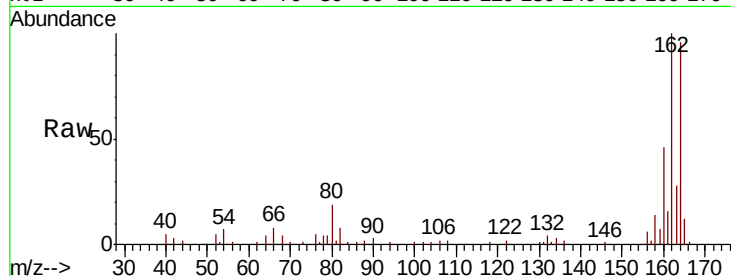
Tgt Ion:164 Resp: 69545

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 47.3 36.3 54.5

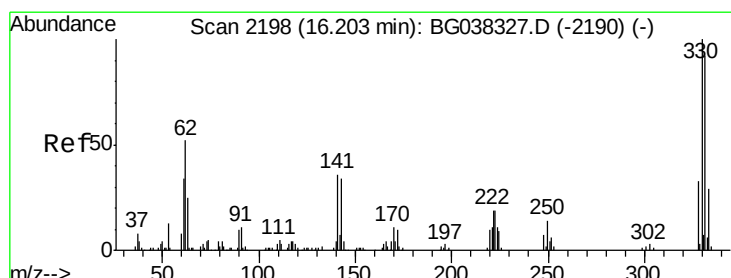
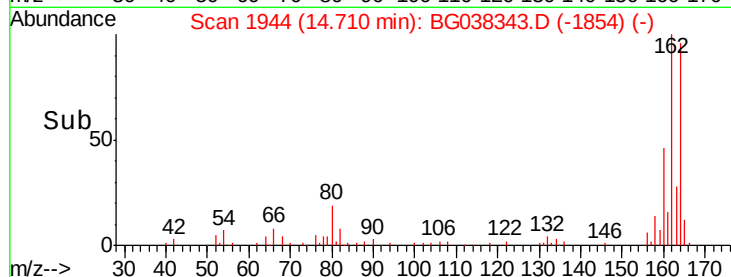
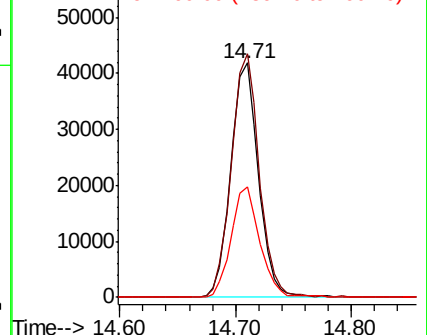


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 87.644 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

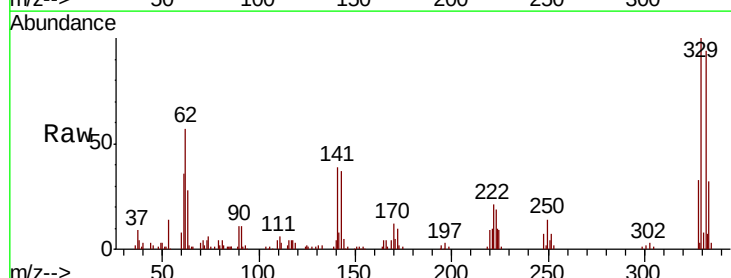
Tgt Ion:330 Resp: 74826

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

141 38.9 32.2 48.2

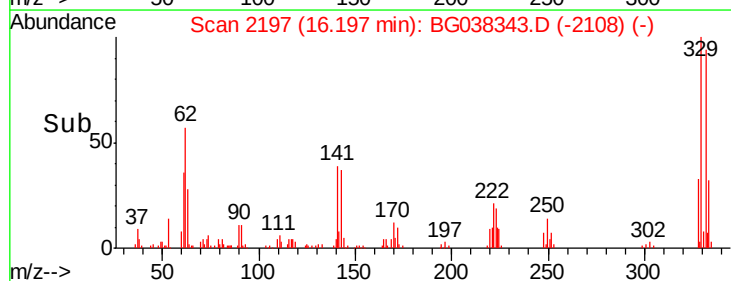
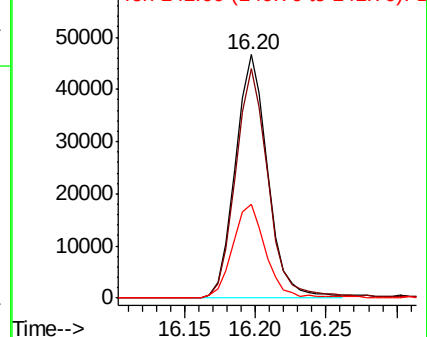


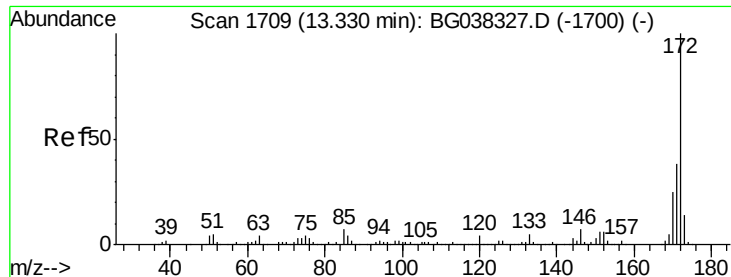
Abundance

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

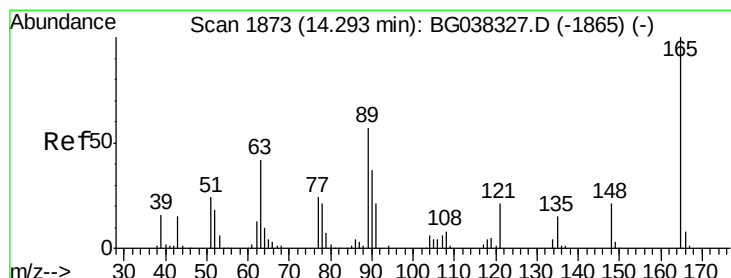
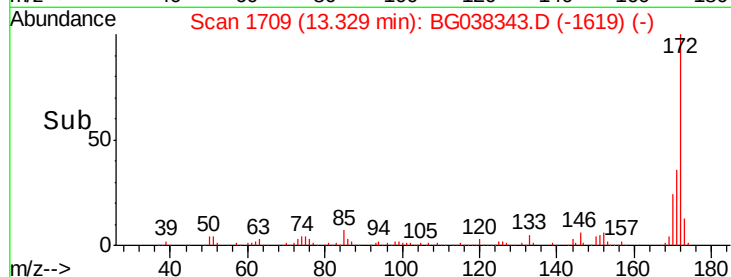
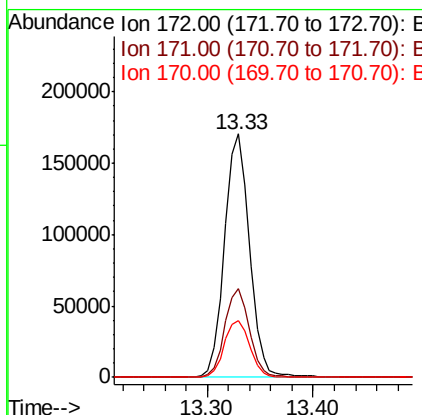
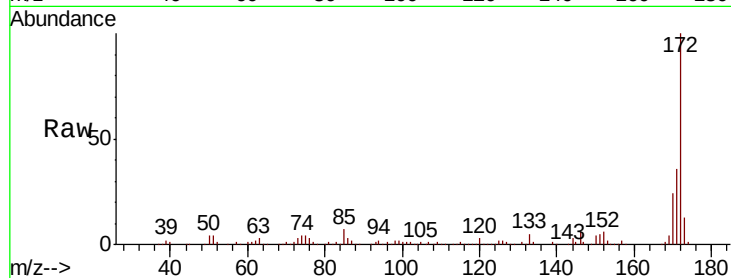




#45
 2-Fluorobiphenyl
 Concen: 57.291 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

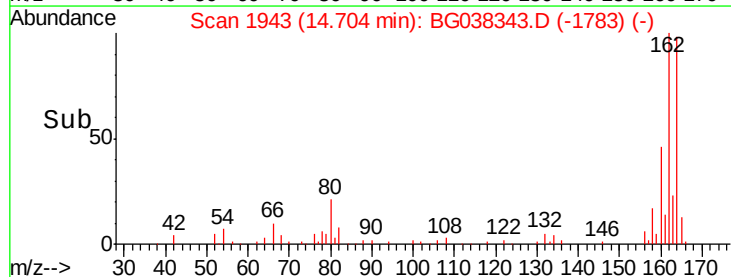
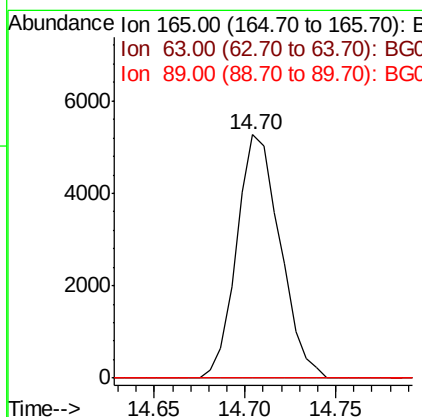
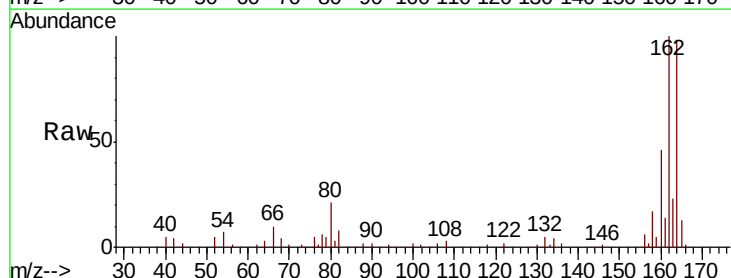
Instrument :
 BNA_G
 ClientSampleId :
 PB115249TB

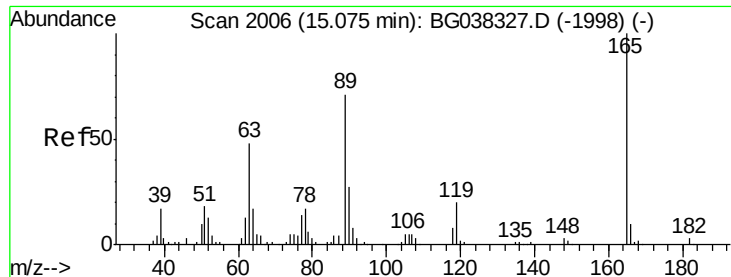
Tgt Ion:172 Resp: 279619
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.0 46.4
 170 23.6 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.875 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. 0.41 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

Tgt Ion:165 Resp: 8760
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

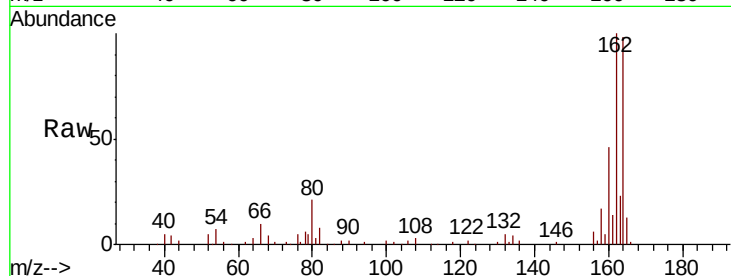




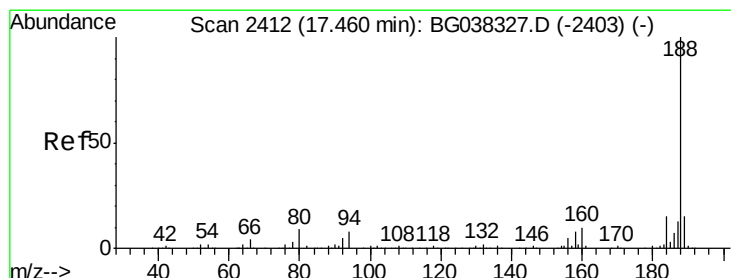
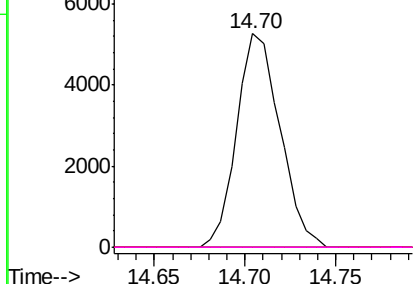
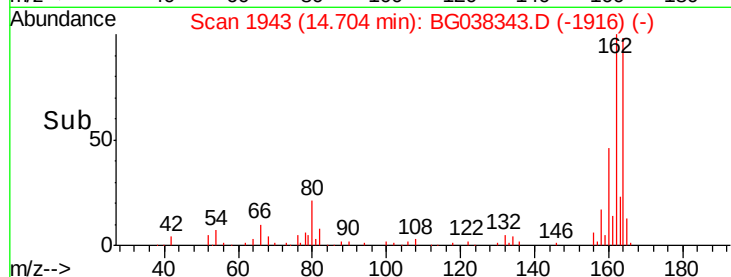
#57
 2,4-Dinitrotoluene
 Concen: 4.985 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.37 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

Instrument :
 BNA_G
 ClientSampleId :
 PB115249TB

Tgt Ion:	165	Resp:	8760
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

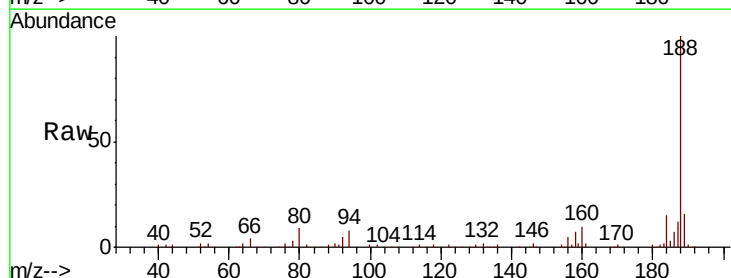


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

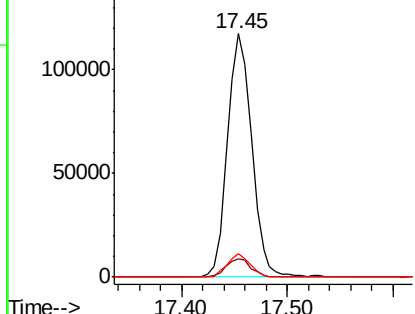
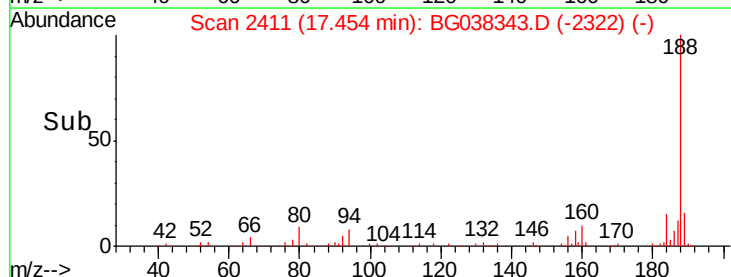


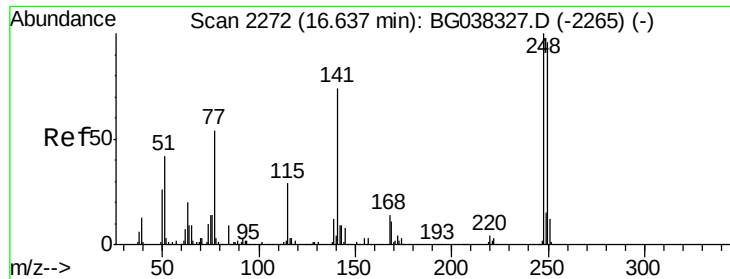
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

Tgt Ion:	188	Resp:	186472
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	9.5	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

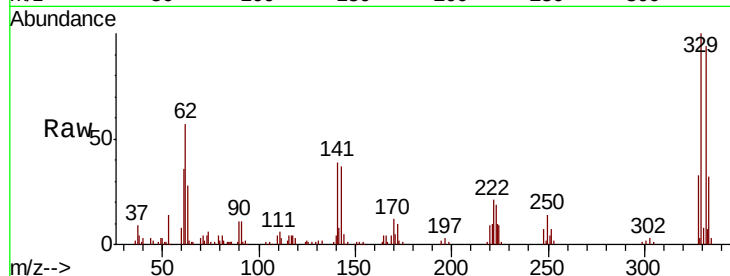




#67
 4-Bromophenyl-phenylether
 Concen: 2.562 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. -0.44 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

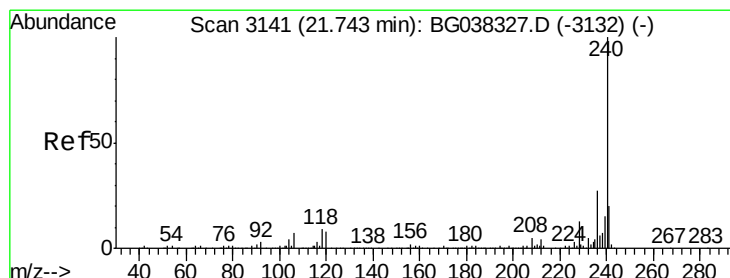
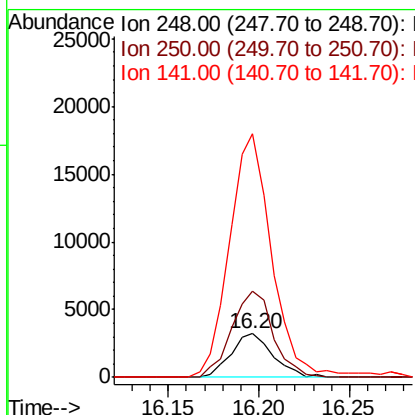
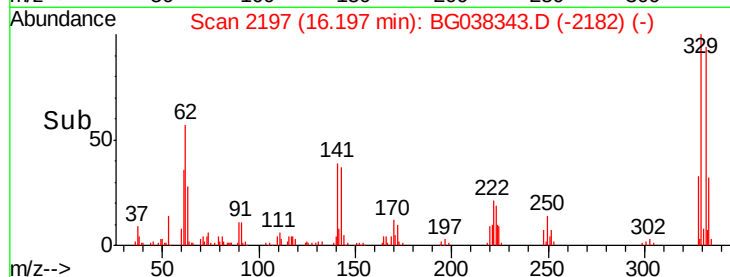
Instrument :
 BNA_G
 ClientSampleId :
 PB115249TB

Tgt Ion:248 Resp: 5159
 Ion Ratio Lower Upper
 248 100
 250 193.3 77.0 115.6#
 141 422.5 55.5 83.3#



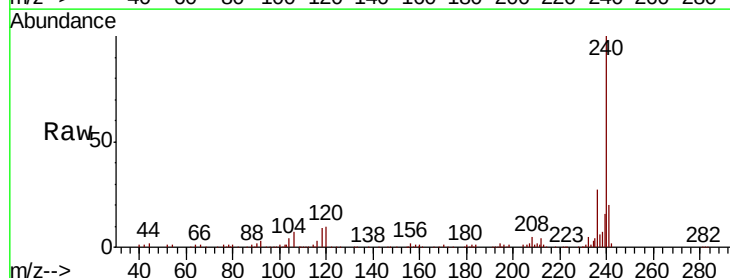
Abundance

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



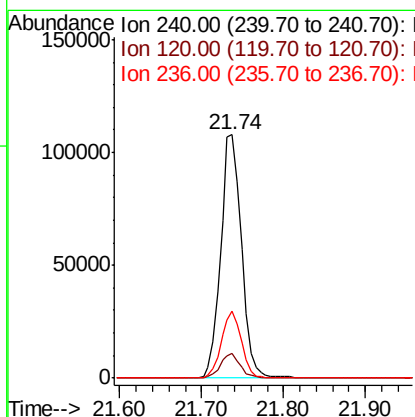
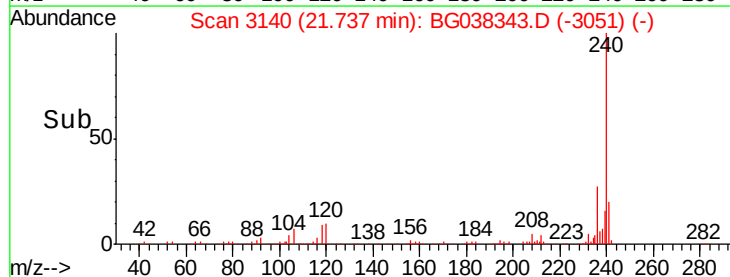
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038343.D
 Acq: 5 Dec 2018 3:10

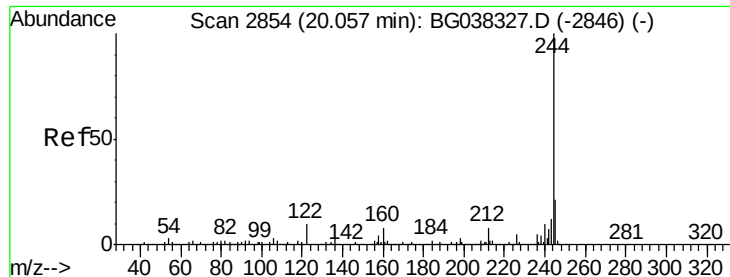
Tgt Ion:240 Resp: 191204
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 27.4 21.4 32.0



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





#79

Terphenyl-d14

Concen: 60.950 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

Instrument :

BNA_G

ClientSampled :

PB115249TB

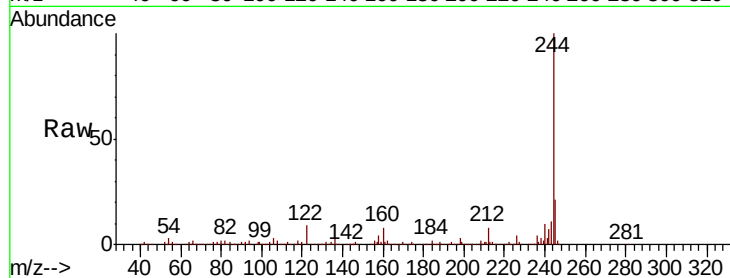
Tgt Ion:244 Resp: 543999

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

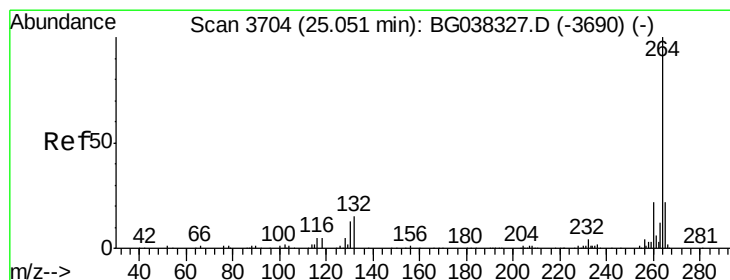
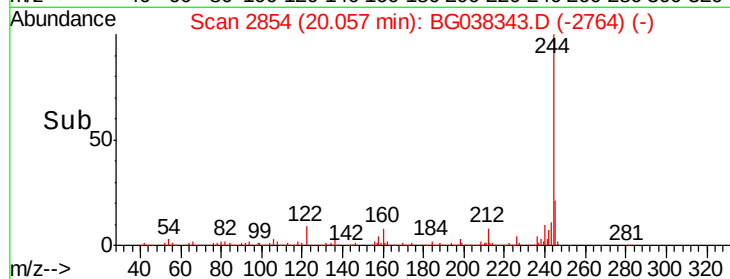
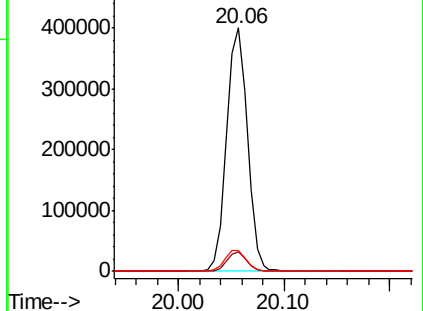
122 8.8 9.0 13.4#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038343.D

Acq: 5 Dec 2018 3:10

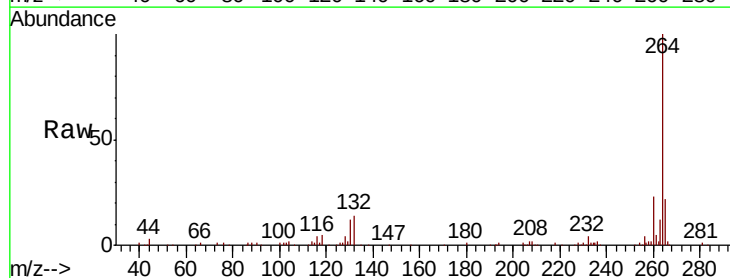
Tgt Ion:264 Resp: 193792

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 21.8 17.9 26.9



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

