

Data File : BG038249.D
Acq On : 30 Nov 2018 1:35
Operator : JU/SJ
Sample : PB115166BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115166BL

Quant Time: Nov 30 04:10:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

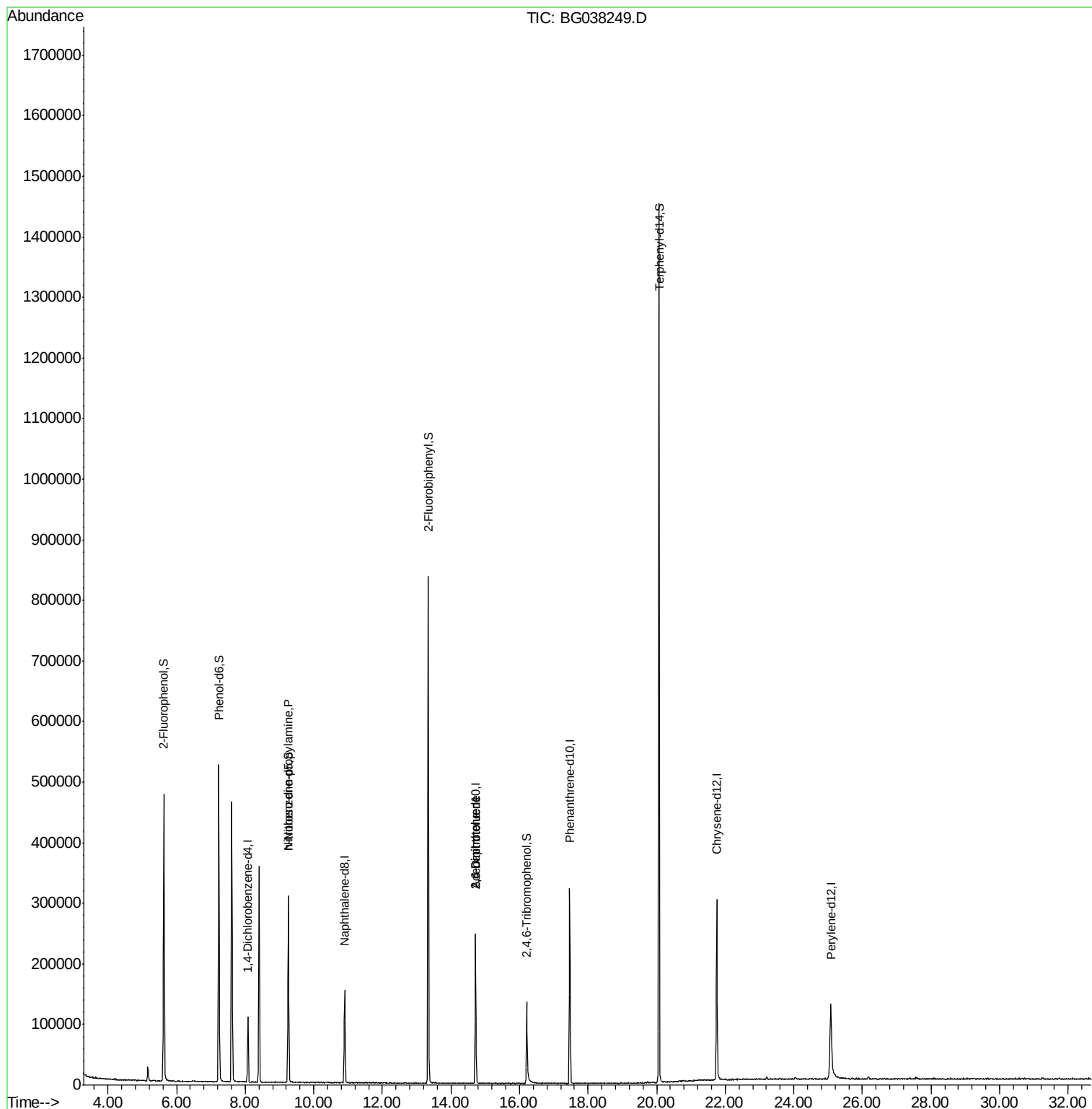
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31780	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	137168	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	88936	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	207785	20.00	ng	0.00
76) Chrysene-d12	21.75	240	201359	20.00	ng	0.00
87) Perylene-d12	25.08	264	188757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	218237	118.57	ng	0.00
7) Phenol-d6	7.23	99	311294	118.48	ng	0.00
23) Nitrobenzene-d5	9.26	82	193871	75.66	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	33371	32.90	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	458655	75.13	ng	0.00
79) Terphenyl-d14	20.07	244	718751	83.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	24252	12.757	ng	# 76
51) 2,6-Dinitrotoluene	14.71	165	11803	7.397	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	11803	5.436	ng	# 23

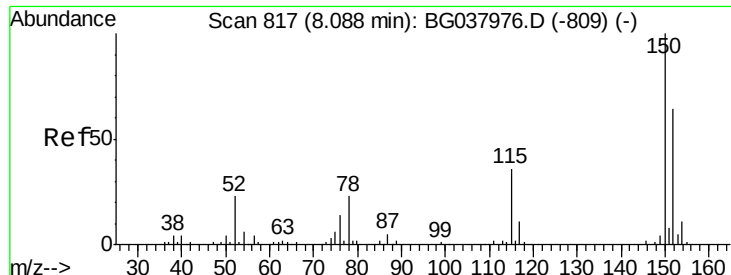
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 13 16:39:28 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

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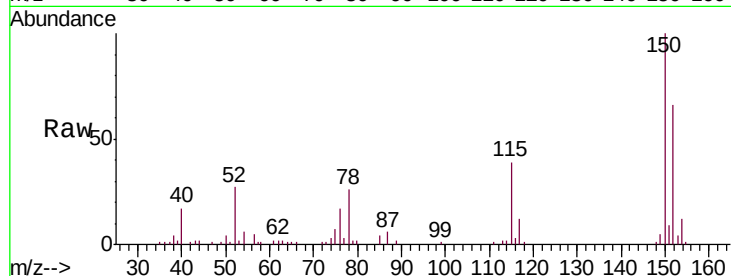
Tgt Ion:152 Resp: 31780

Ion Ratio Lower Upper

152 100

150 150.5 126.0 189.0

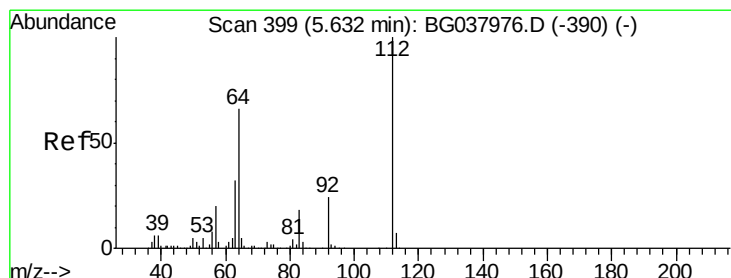
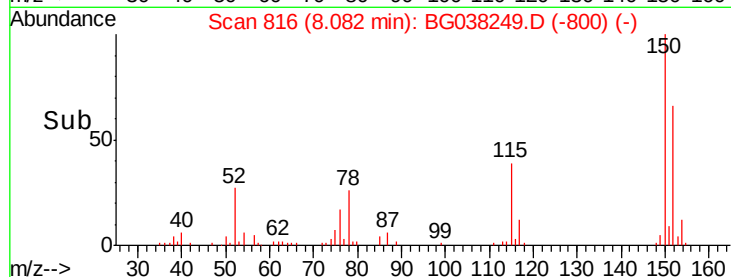
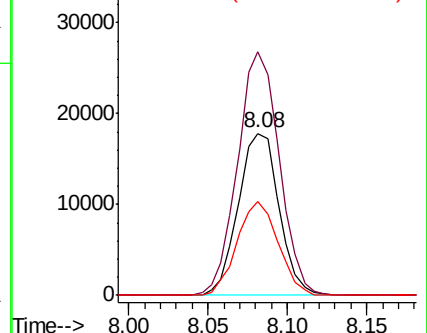
115 58.3 45.5 68.3



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: 118.565 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038249.D

Acq: 30 Nov 2018 1:35

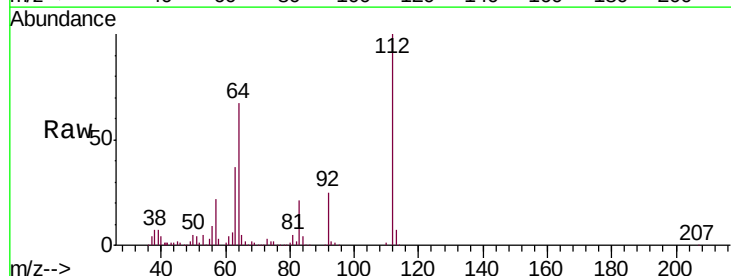
Tgt Ion:112 Resp: 218237

Ion Ratio Lower Upper

112 100

64 66.5 53.1 79.7

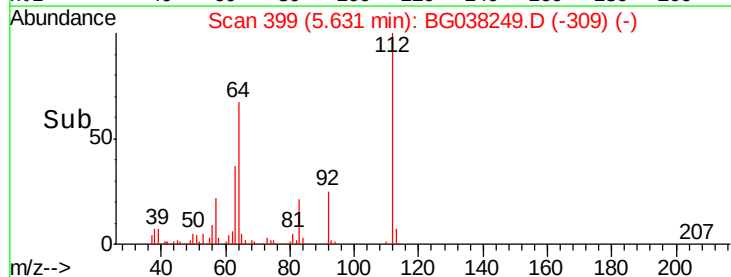
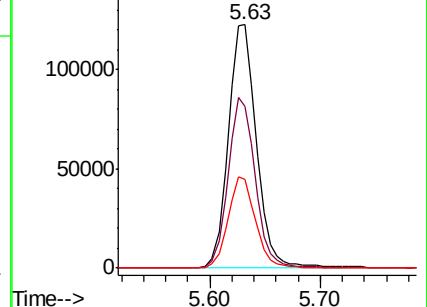
63 36.6 27.3 40.9

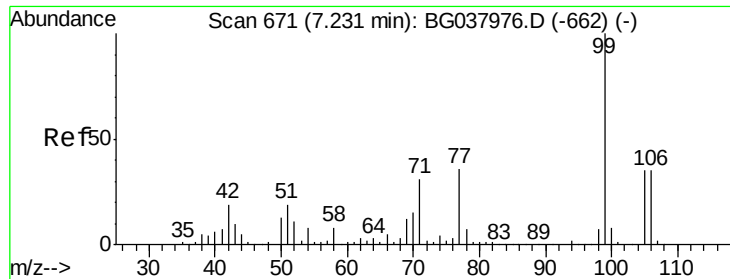


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.479 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038249.D

Acq: 30 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB115166BL

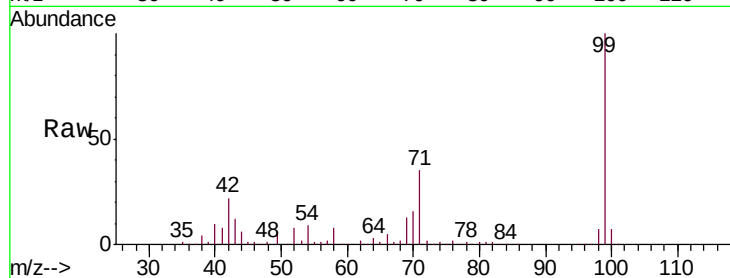
Tgt Ion: 99 Resp: 311294

Ion Ratio Lower Upper

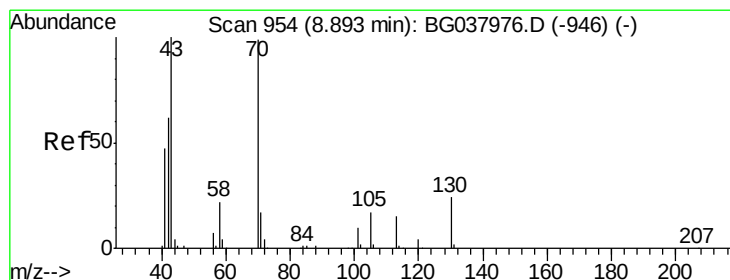
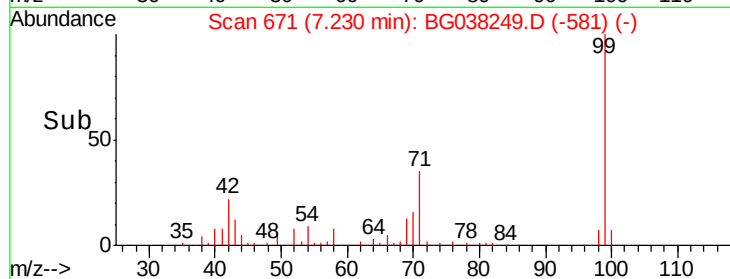
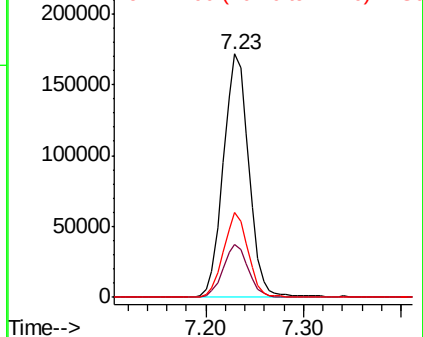
99 100

42 21.9 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: 12.757 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038249.D

Acq: 30 Nov 2018 1:35

Tgt Ion: 70 Resp: 24252

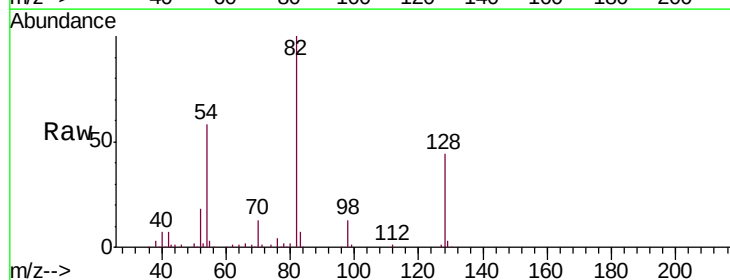
Ion Ratio Lower Upper

70 100

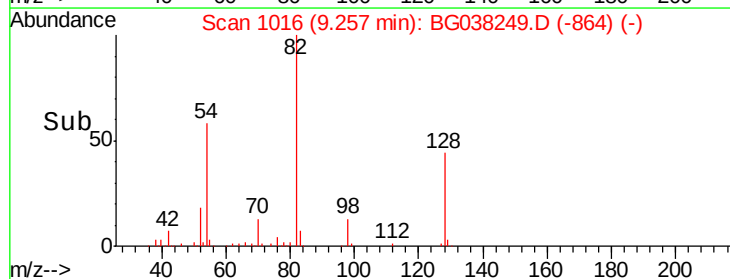
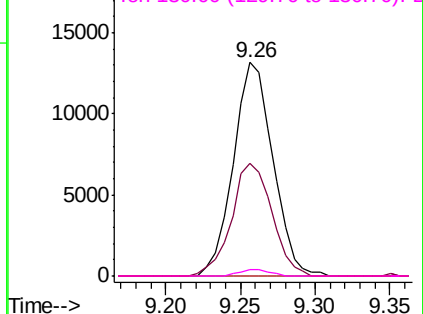
42 53.0 53.9 80.9#

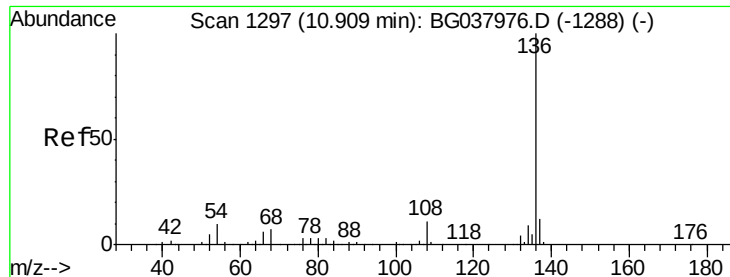
101 0.0 8.2 12.2#

130 2.8 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

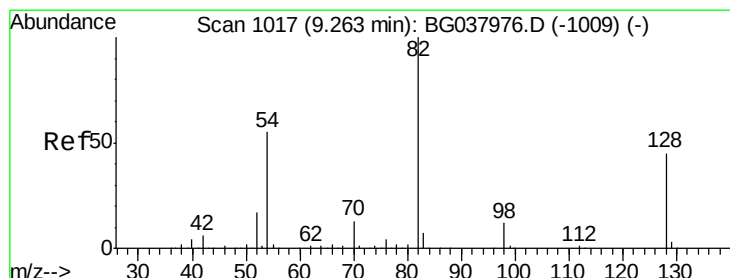
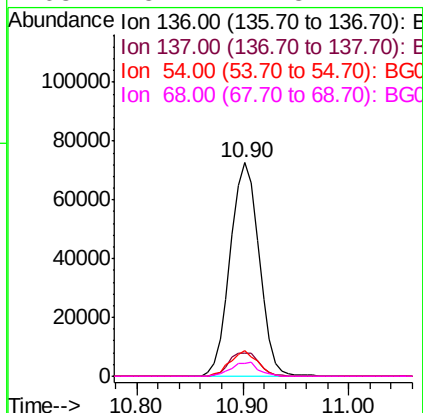
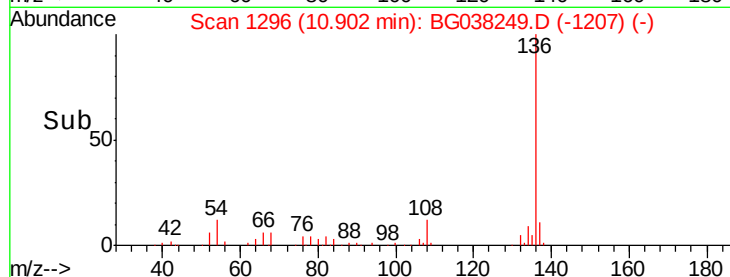
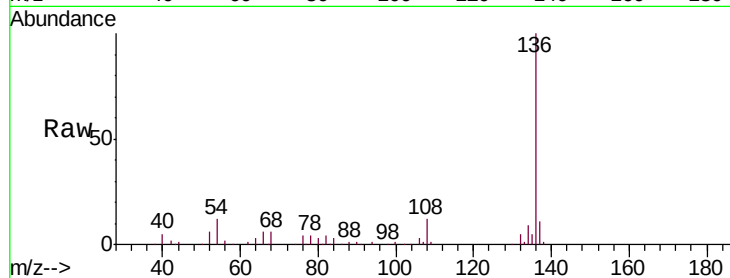




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038249.D
Acq: 30 Nov 2018 1:35

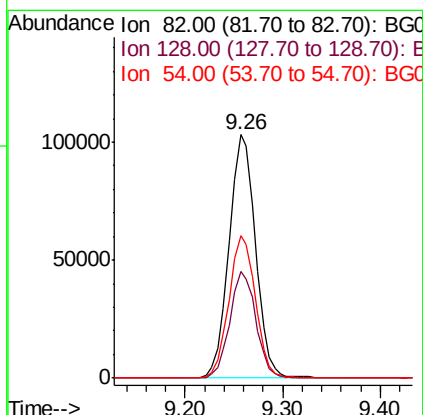
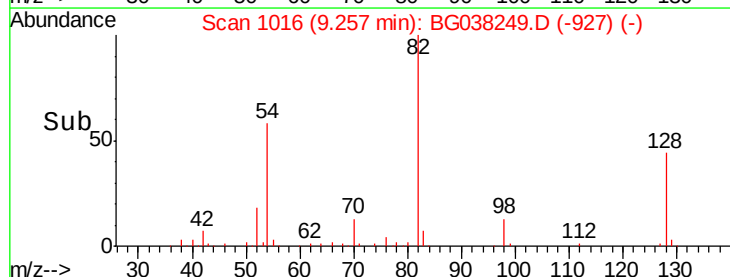
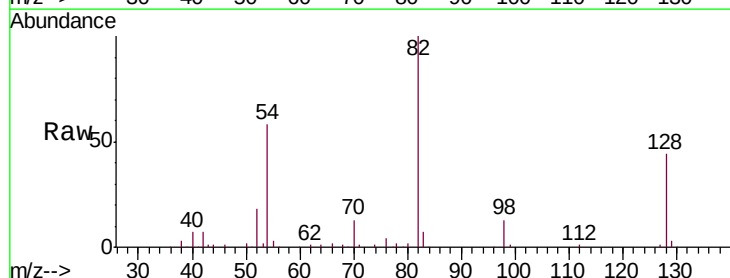
Instrument :
BNA_G
ClientSampleId :
PB115166BL

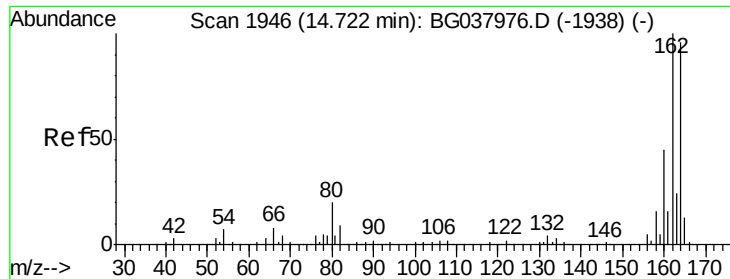
Tgt Ion:	136	Resp:	137168
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	11.9	7.9	11.9#
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 75.659 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038249.D
Acq: 30 Nov 2018 1:35

Tgt Ion:	82	Resp:	193871
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	58.3	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038249.D

Acq: 30 Nov 2018 1:35

Instrument :

BNA_G

ClientSampleId :

PB115166BL

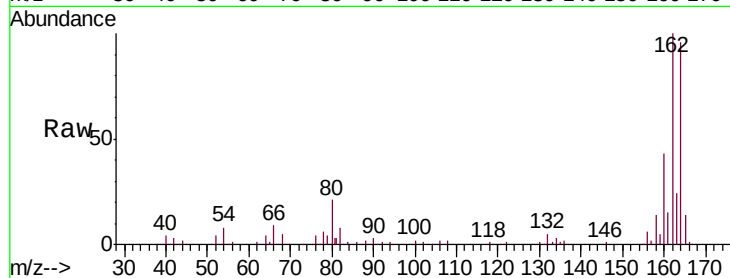
Tgt Ion:164 Resp: 88936

Ion Ratio Lower Upper

164 100

162 104.6 81.3 121.9

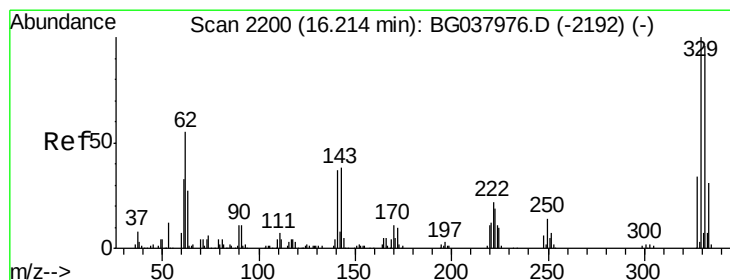
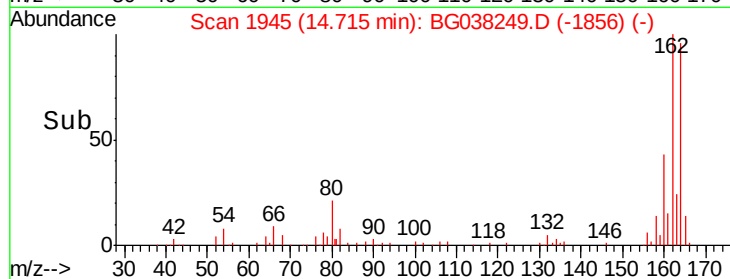
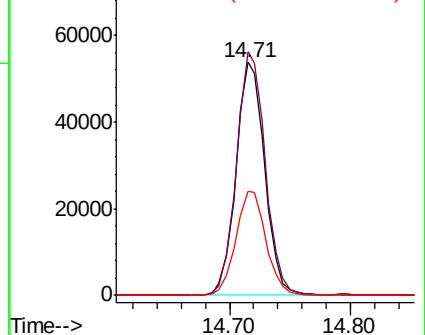
160 44.9 36.3 54.5



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: 32.901 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038249.D

Acq: 30 Nov 2018 1:35

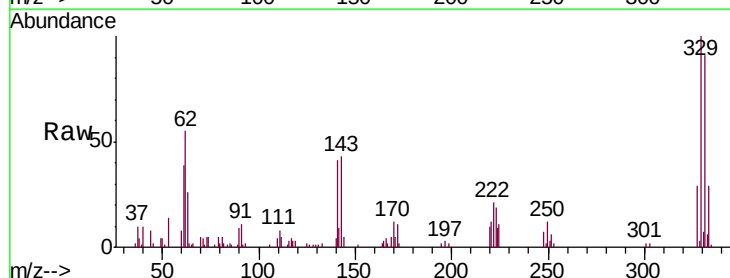
Tgt Ion:330 Resp: 33371

Ion Ratio Lower Upper

330 100

332 98.9 78.4 117.6

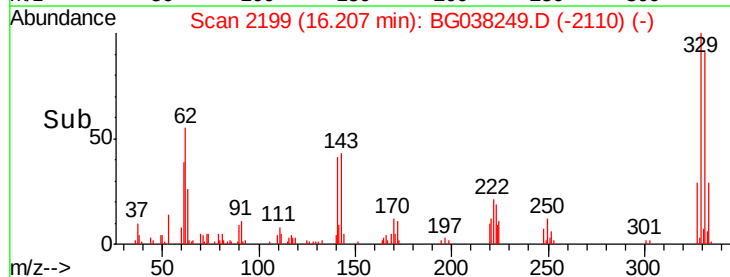
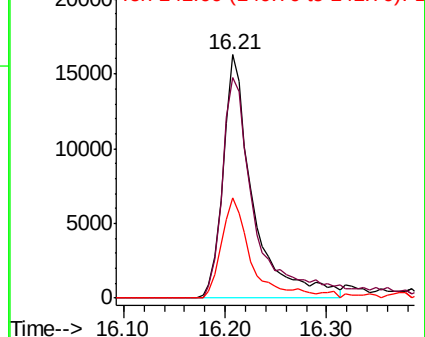
141 40.2 32.2 48.2

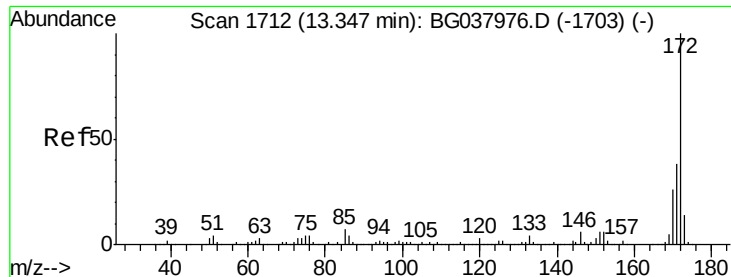


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

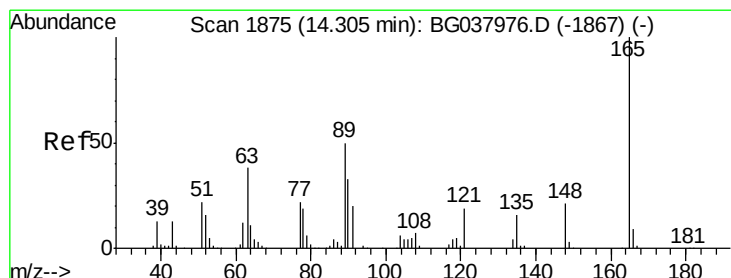
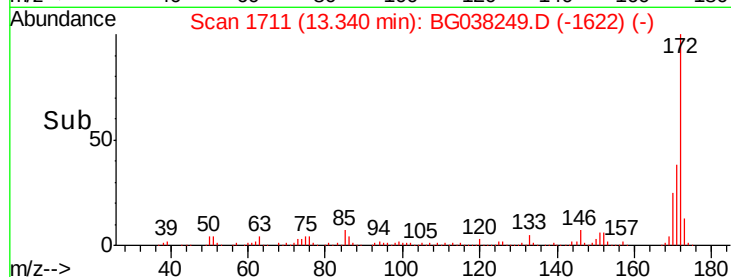
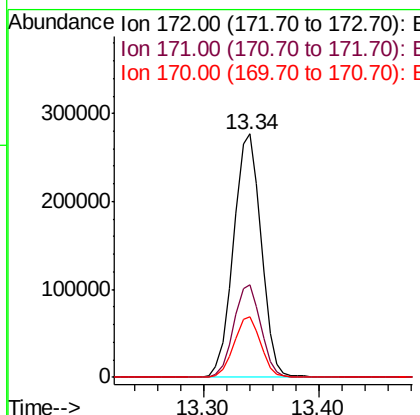
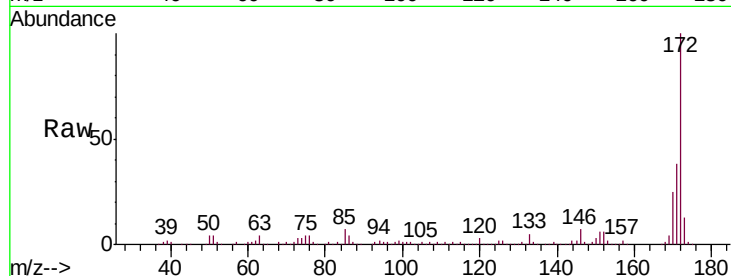




#45
 2-Fluorobiphenyl
 Concen: 75.132 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038249.D
 Acq: 30 Nov 2018 1:35

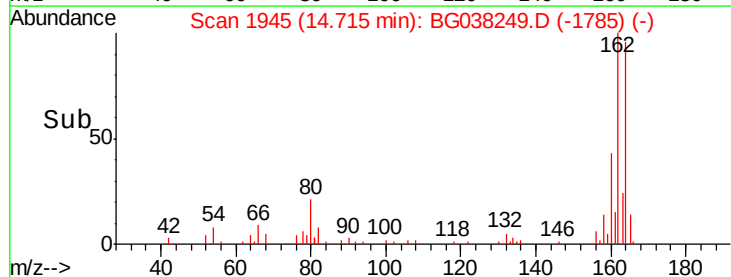
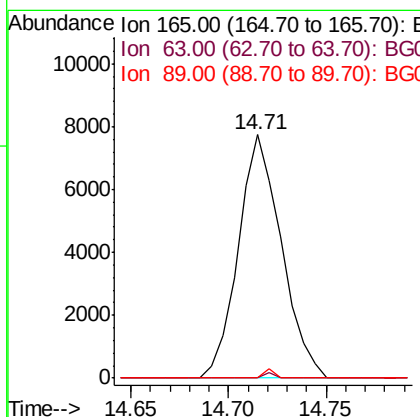
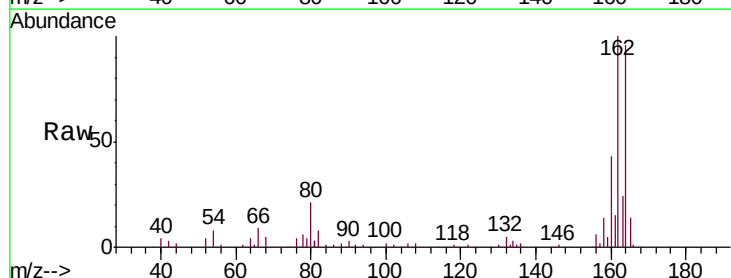
Instrument :
 BNA_G
 ClientSampleId :
 PB115166BL

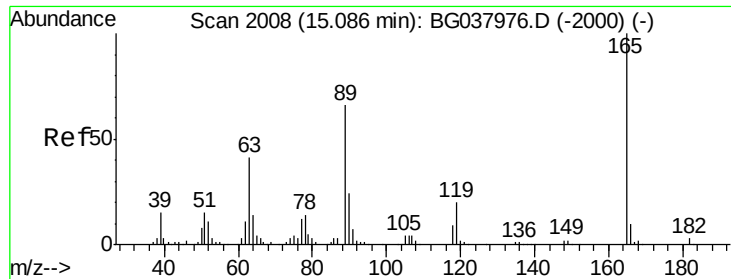
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.9	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.397 ng
 RT: 14.71 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038249.D
 Acq: 30 Nov 2018 1:35

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

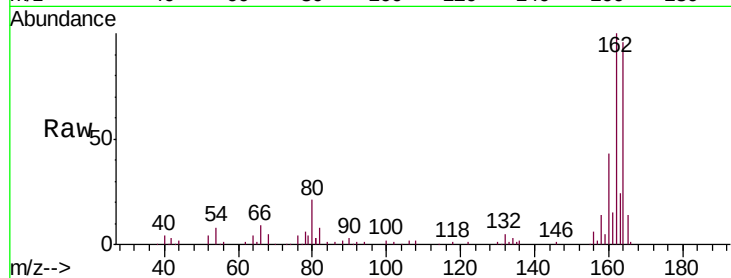




#57
 2,4-Dinitrotoluene
 Concen: 5.436 ng
 RT: 14.71 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038249.D
 Acq: 30 Nov 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BL

Tgt 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#

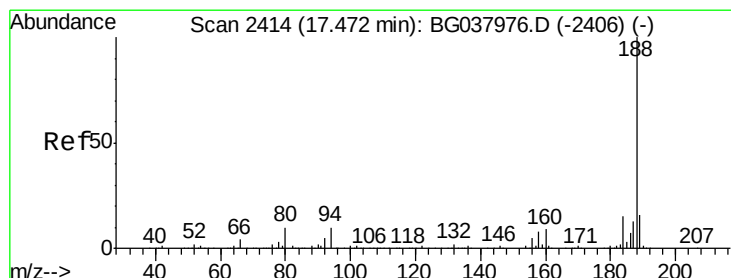
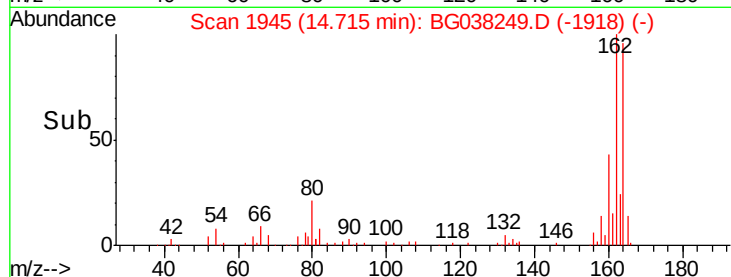
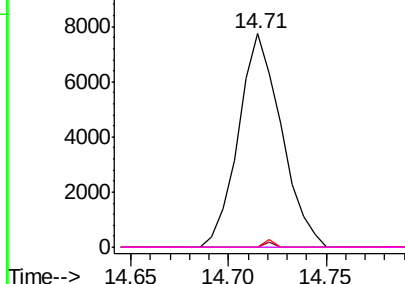


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

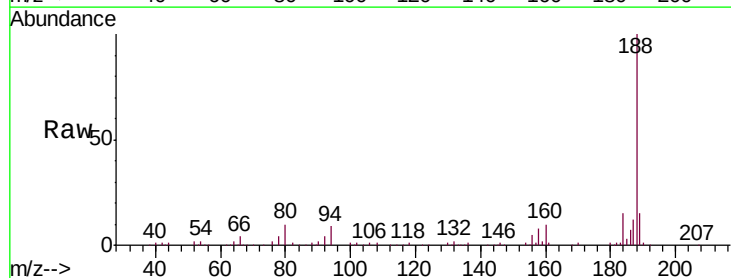
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038249.D
 Acq: 30 Nov 2018 1:35

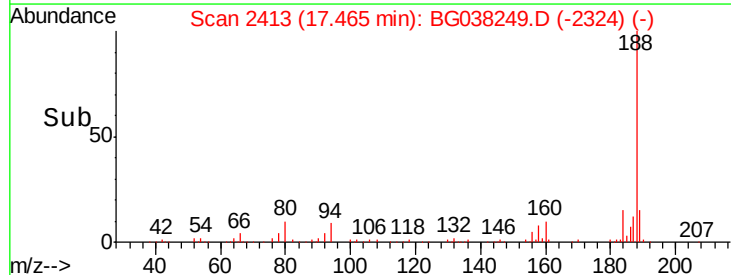
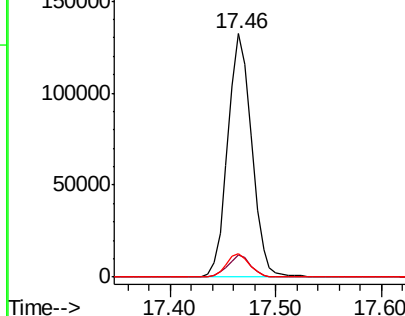
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.8	7.7	11.5

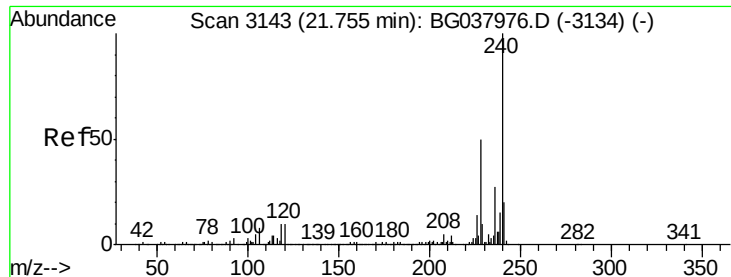


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

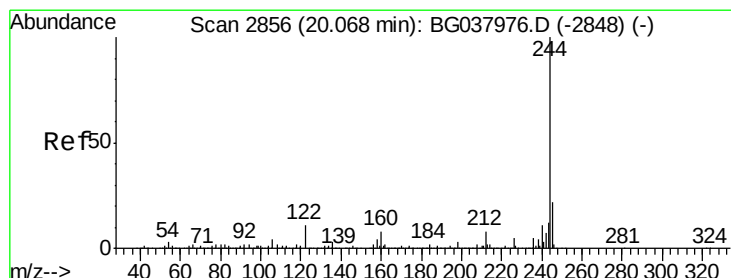
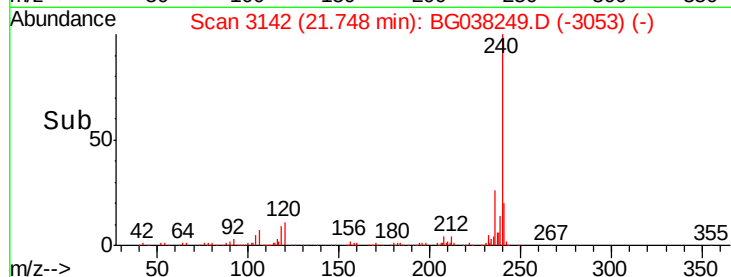
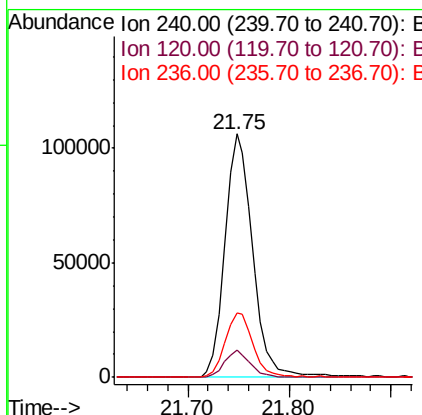
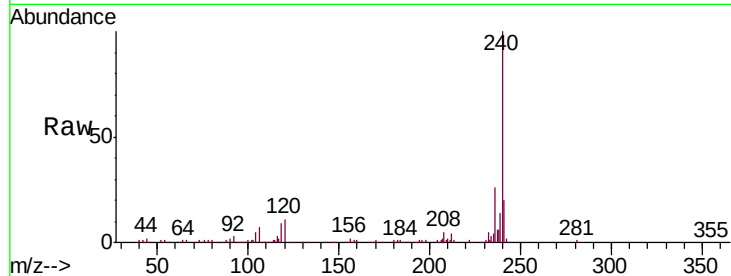




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038249.D
Acq: 30 Nov 2018 1:35

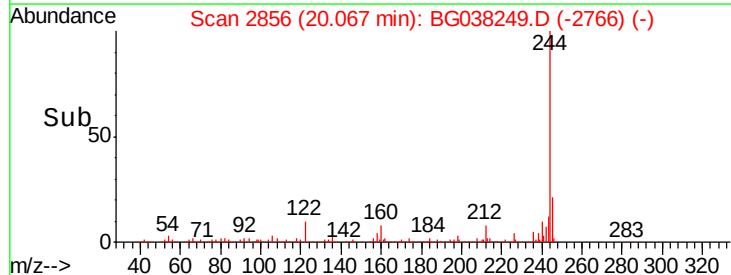
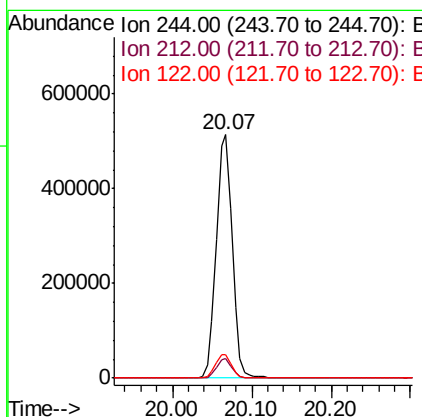
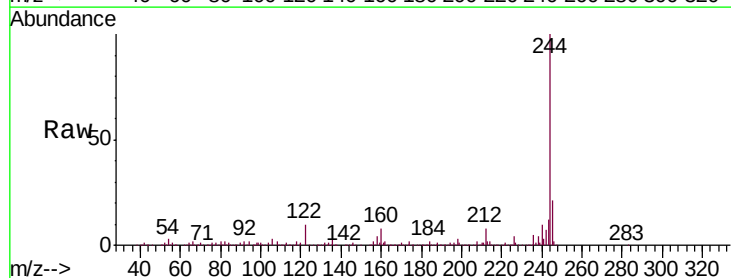
Instrument :
BNA_G
ClientSampleId :
PB115166BL

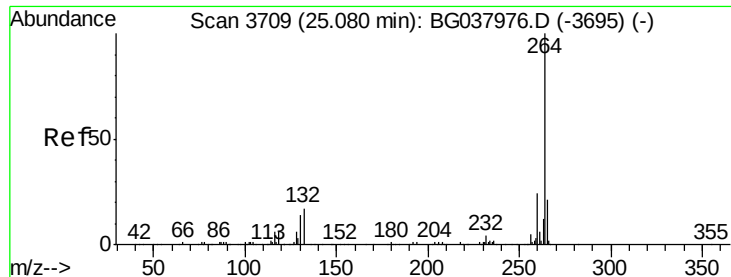
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.4	21.4	32.0



#79
Terphenyl-d14
Concen: 83.991 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG038249.D
Acq: 30 Nov 2018 1:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	9.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.00 min
Lab File: BG038249.D
Acq: 30 Nov 2018 1:35

Instrument :
BNA_G
ClientSampleId :
PB115166BL

Tgt Ion: 264 Resp: 188757
Ion Ratio Lower Upper
264 100
260 21.3 18.2 27.4
265 21.8 17.9 26.9

