

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
 Data File : BG038120.D
 Acq On : 21 Nov 2018 16:57
 Operator : JU/SJ
 Sample : PB114976BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 21 17:34:46 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

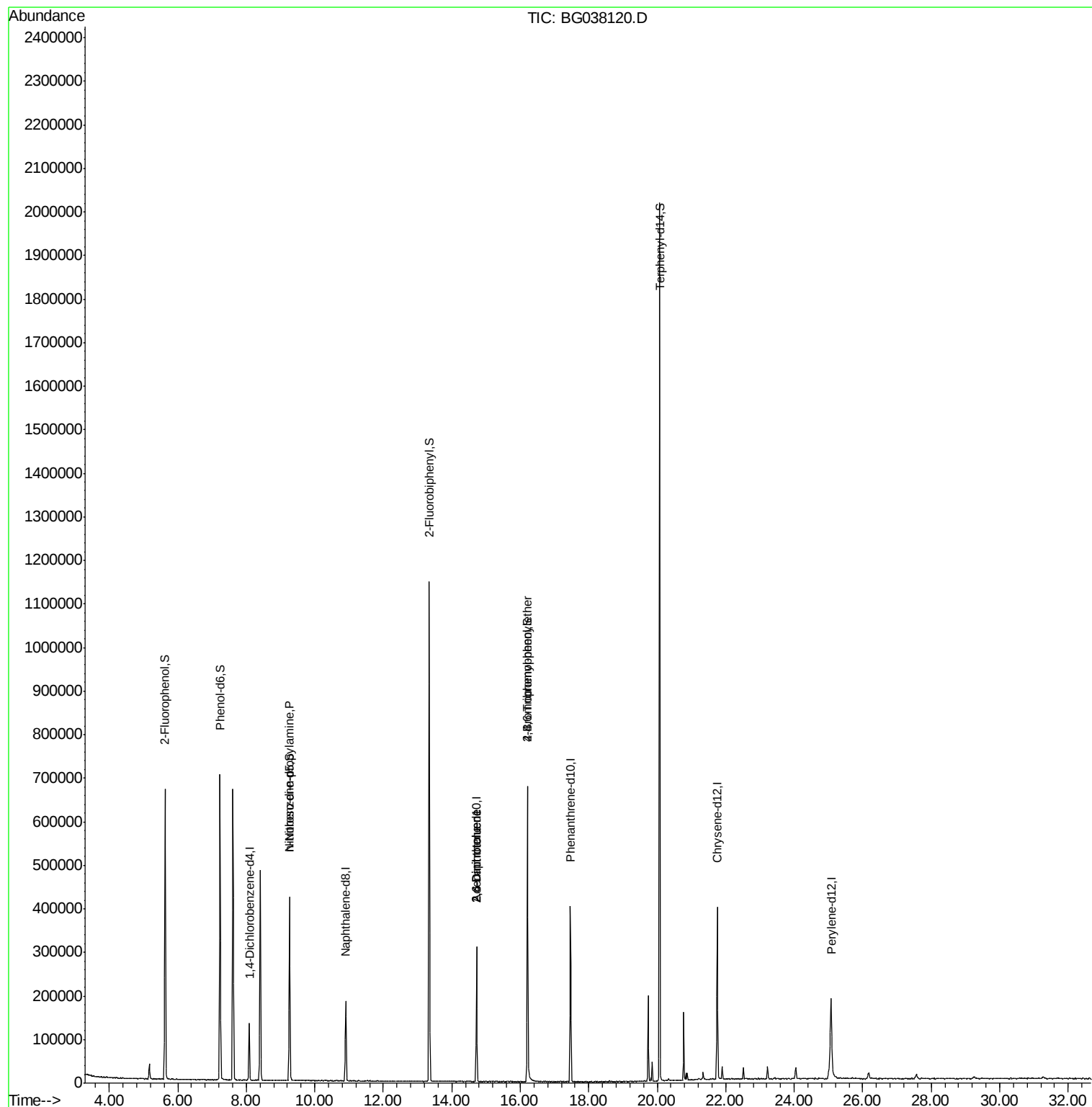
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	39396	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	169199	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109716	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	259460	20.00	ng	0.00
76) Chrysene-d12	21.75	240	243950	20.00	ng	0.00
87) Perylene-d12	25.07	264	240132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	305576	133.92	ng	0.00
7) Phenol-d6	7.24	99	425690	130.70	ng	0.00
23) Nitrobenzene-d5	9.26	82	265418	83.97	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	131206	104.86	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	616096	81.81	ng	0.00
79) Terphenyl-d14	20.07	244	940997	90.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33530	14.227	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	13780	7.000	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	13780	5.145	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	9303	3.267	ng	# 1

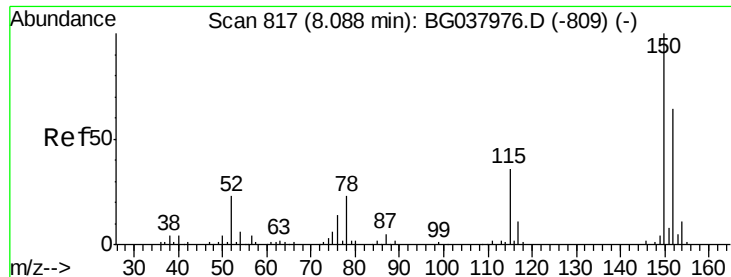
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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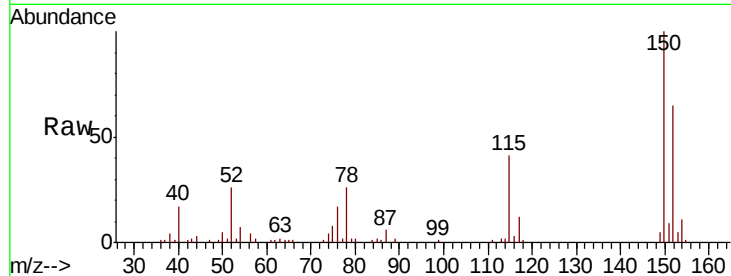


#1

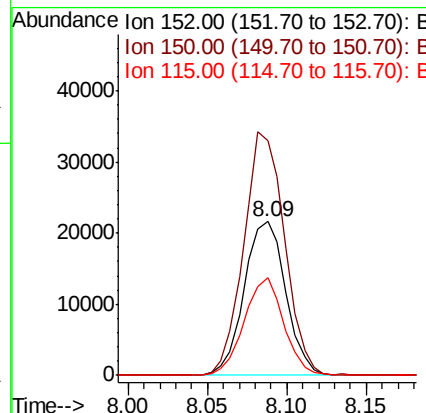
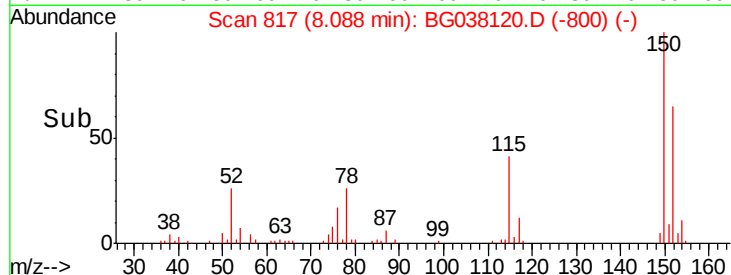
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39396
Ion Ratio Lower Upper
152 100
150 153.2 126.0 189.0
115 63.3 45.5 68.3



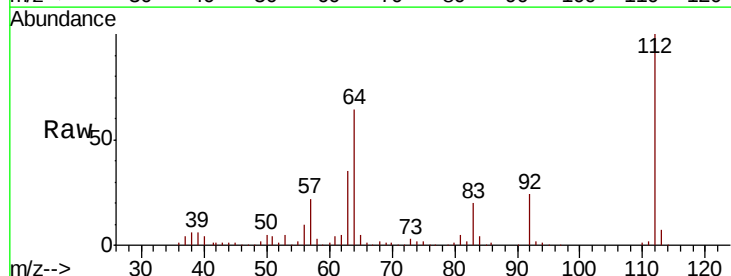
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



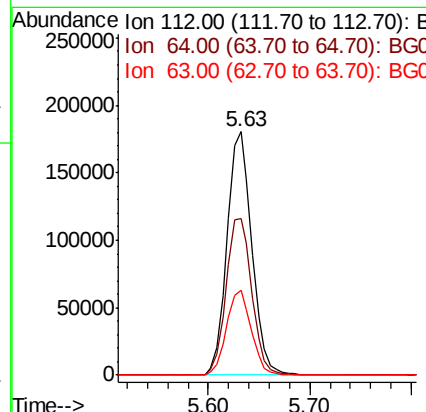
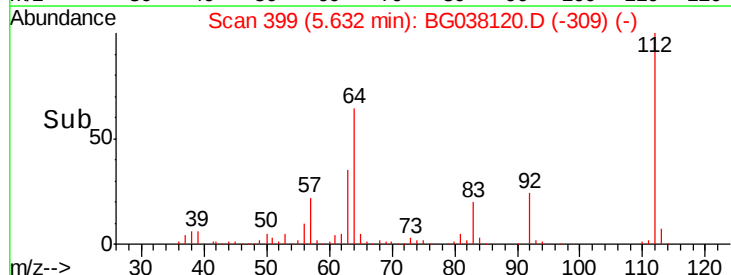
#5

2-Fluorophenol
Concen: 133.921 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Tgt Ion:112 Resp: 305576
Ion Ratio Lower Upper
112 100
64 64.1 53.1 79.7
63 35.0 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: 130.697 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Instrument :

BNA_G

ClientSampleId :

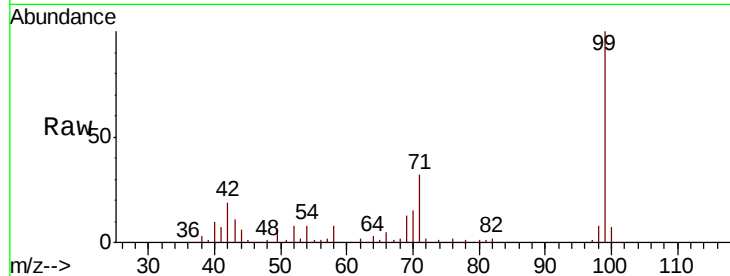
Tot Ion: 99 Resp: 425690

Ion Ratio Lower Upper

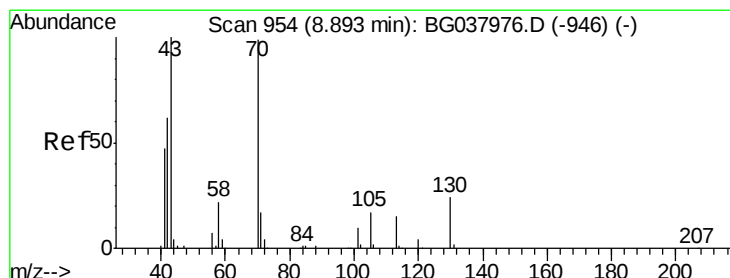
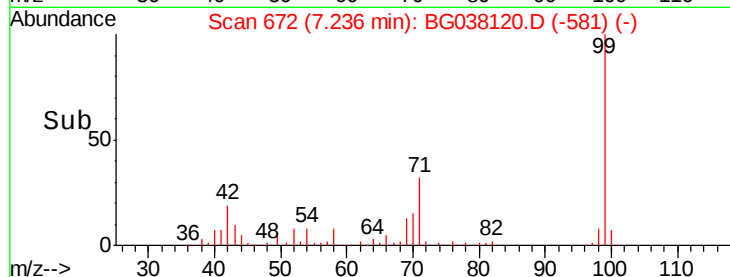
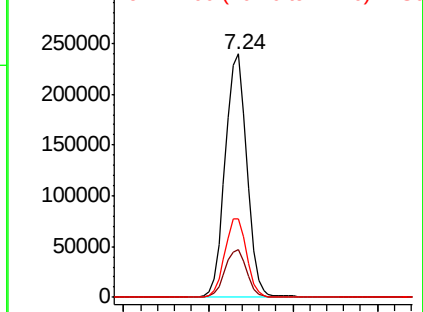
99 100

42 19.4 15.0 22.4

71 32.1 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: 14.227 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Tgt Ion: 70 Resp: 33530

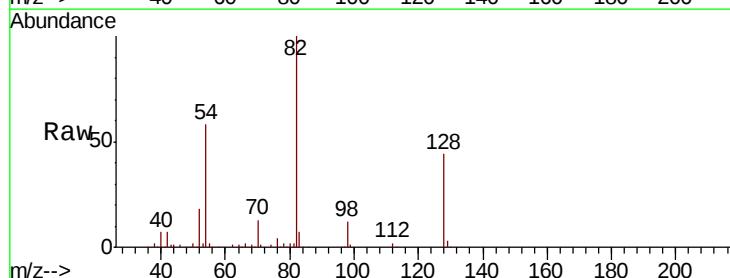
Ion Ratio Lower Upper

70 100

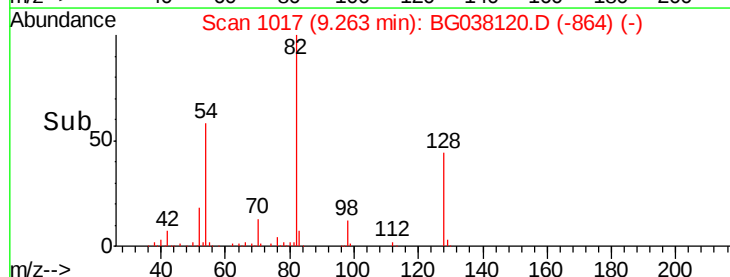
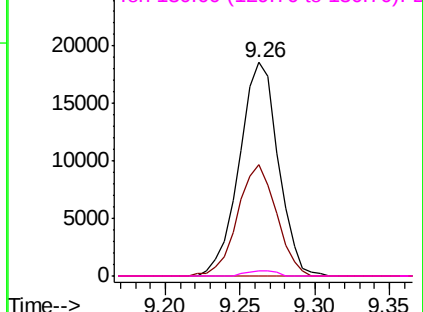
42 51.9 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 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

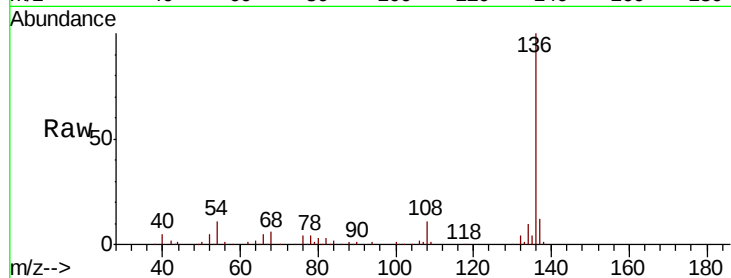




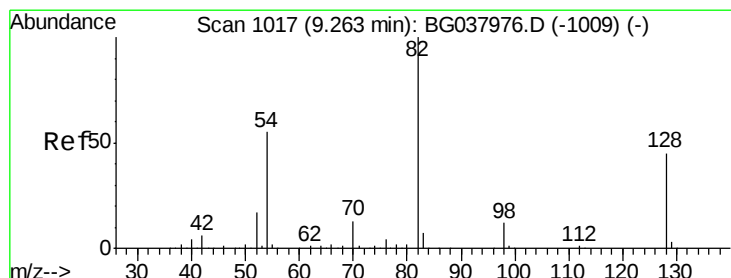
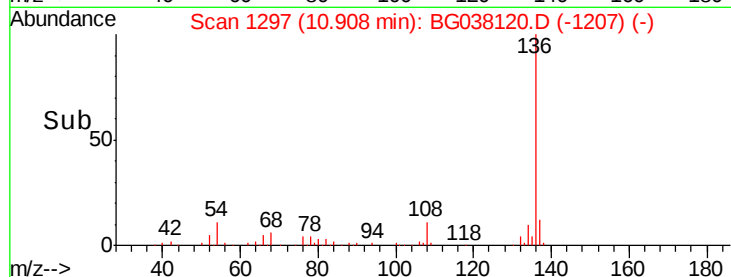
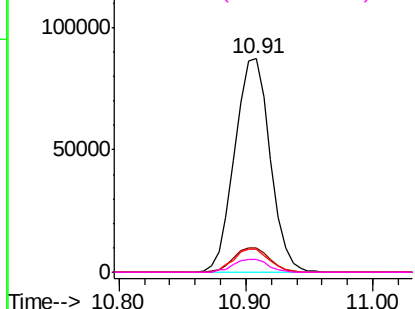
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	169199
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.6 14.4
54	10.8	7.9 11.9
68	5.9	4.8 7.2

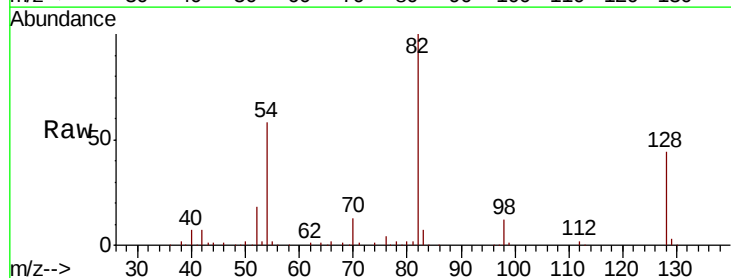


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

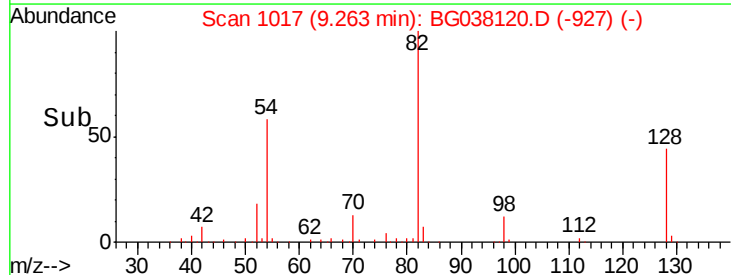
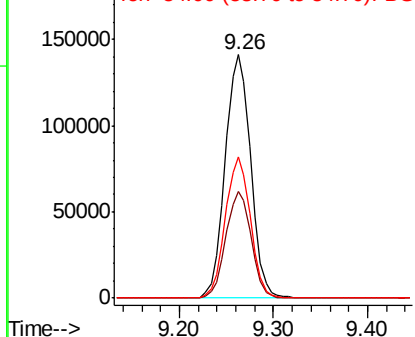


#23
Nitrobenzene-d5
Concen: 83.972 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Tgt Ion: 82	Resp:	265418
Ion Ratio	Lower	Upper
82	100	
128	43.9	34.6 51.8
54	57.8	45.3 67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Instrument :

BNA_G

ClientSampleId :

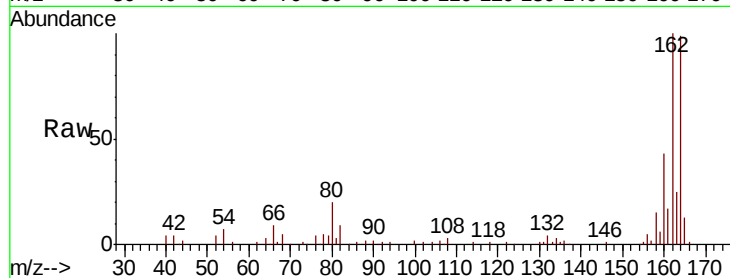
Tot Ion:164 Resp: 109716

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

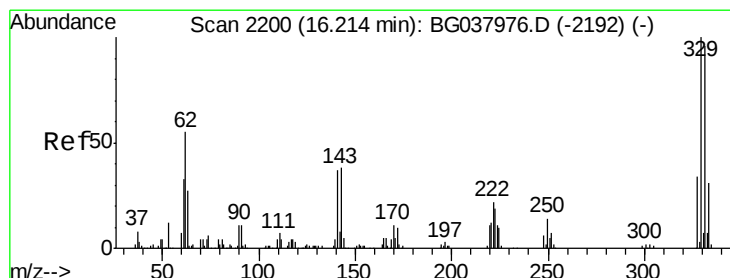
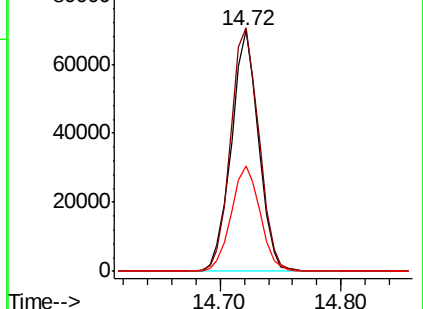
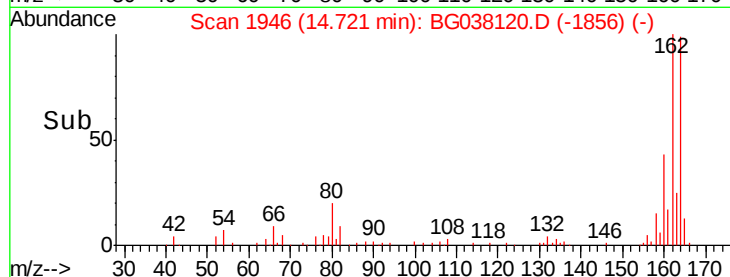
160 43.9 36.3 54.5



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: 104.857 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

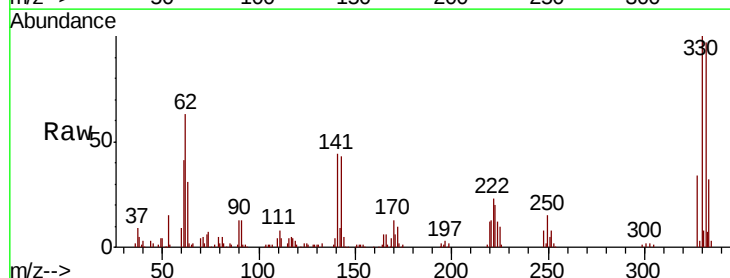
Tgt Ion:330 Resp: 131206

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

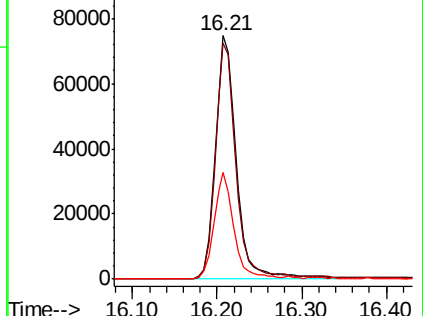
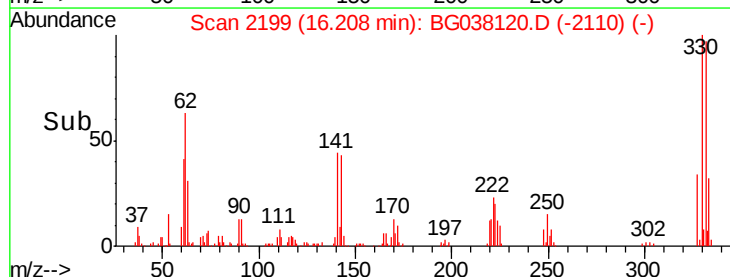
141 40.8 32.2 48.2



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

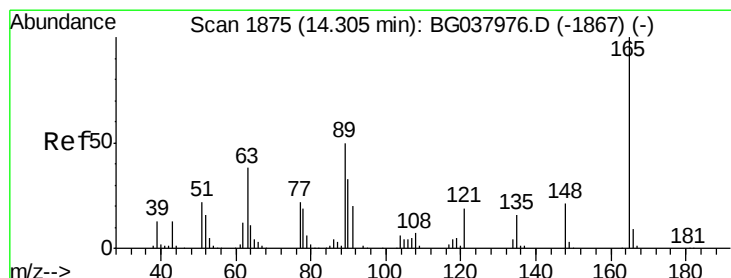
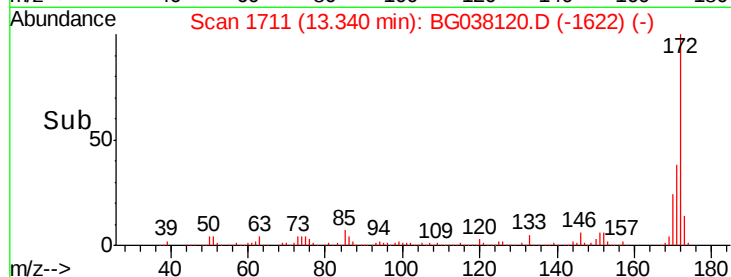
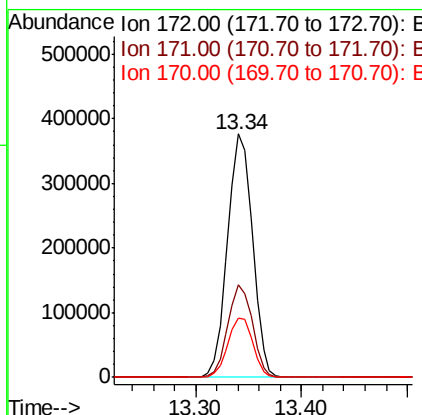
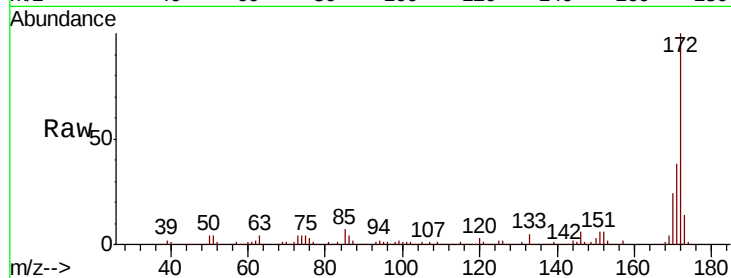




#45
 2-Fluorobiphenyl
 Concen: 81.808 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038120.D
 Acq: 21 Nov 2018 16:57

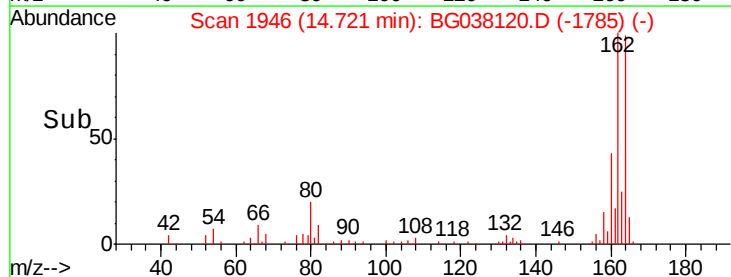
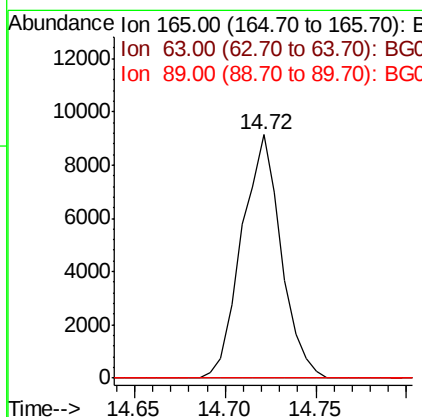
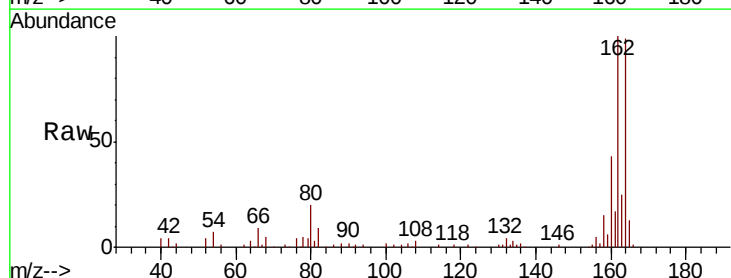
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 616096
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.0 46.4
 170 24.3 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038120.D
 Acq: 21 Nov 2018 16:57

Tgt Ion:165 Resp: 13780
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

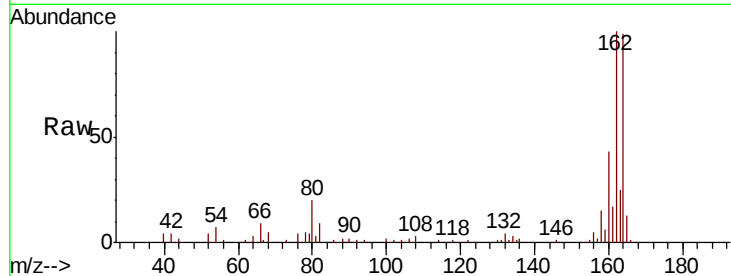




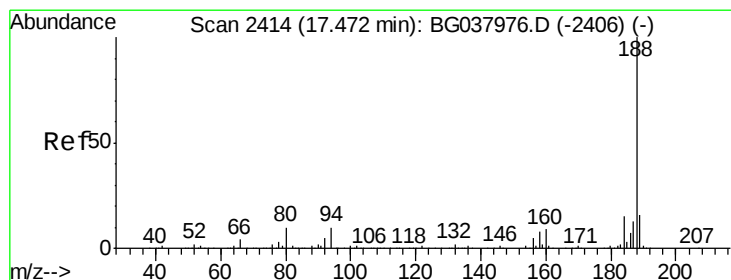
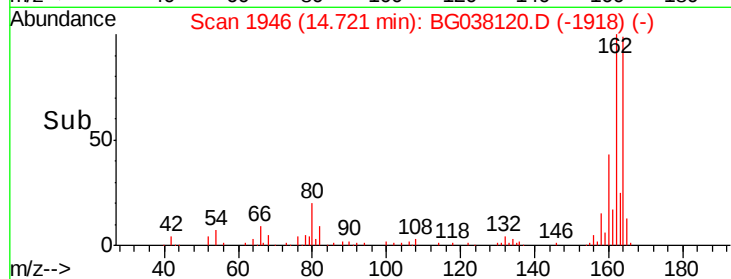
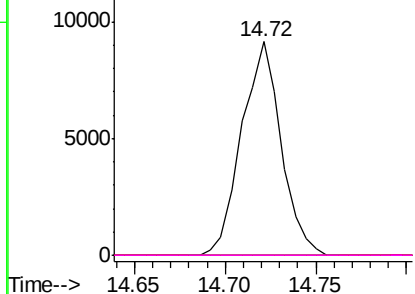
#57
 2,4-Dinitrotoluene
 Concen: 5.145 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038120.D
 Acq: 21 Nov 2018 16:57

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	165	Resp:	13780
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#

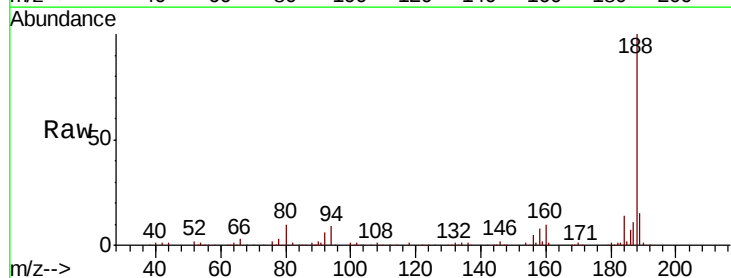


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

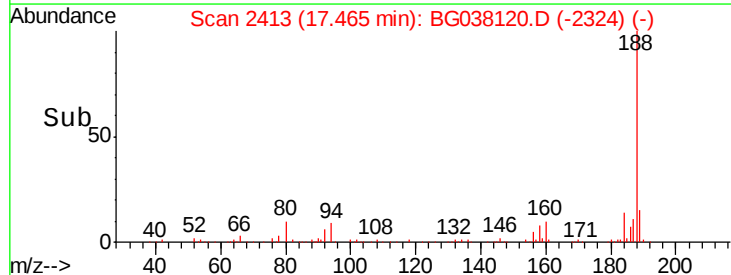
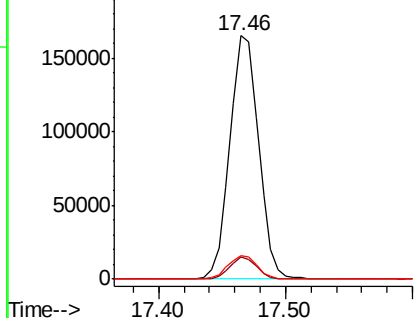


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038120.D
 Acq: 21 Nov 2018 16:57

Tgt Ion:	188	Resp:	259460
Ion	Ratio	Lower	Upper
188	100		
94	9.4	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

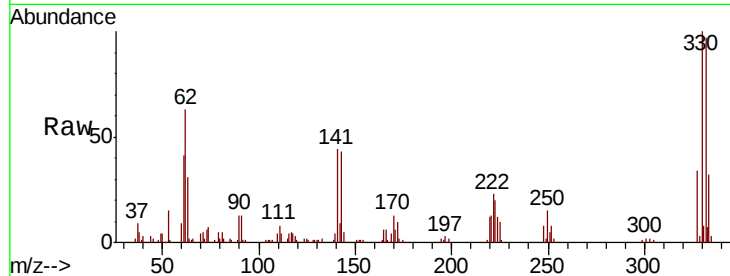




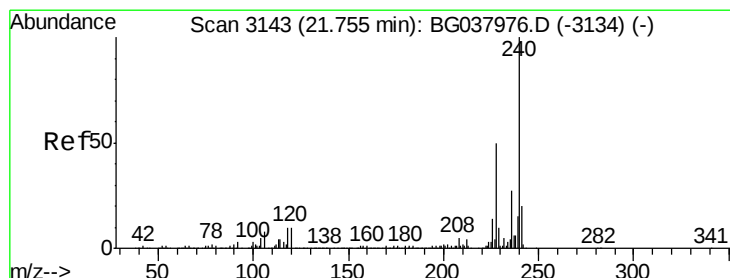
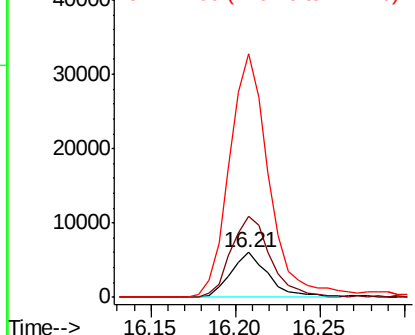
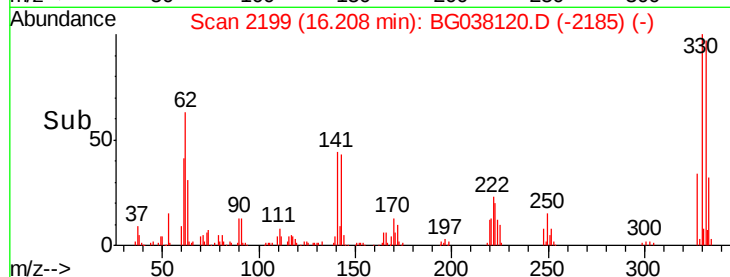
#67
4-Bromophenyl-phenylether
Concen: 3.267 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9303
Ion Ratio Lower Upper
248 100
250 192.6 77.0 115.6#
141 436.7 55.5 83.3#

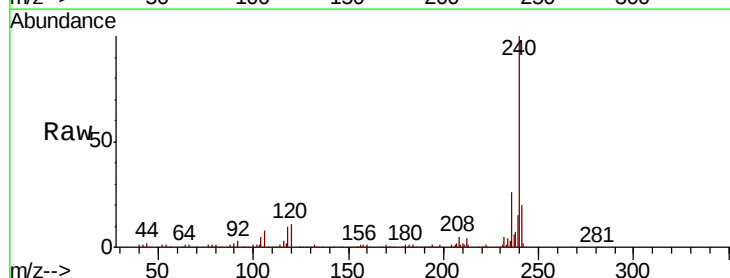


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

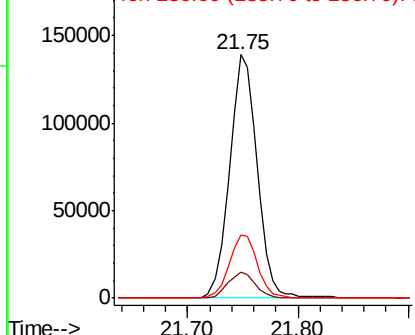
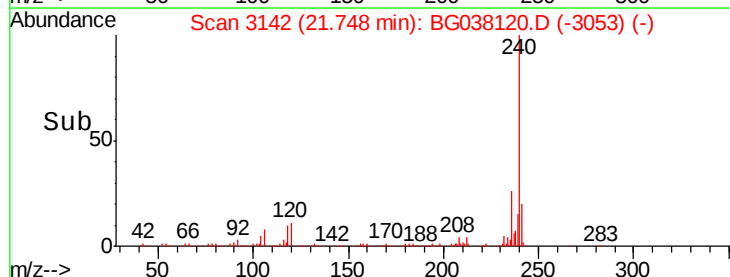


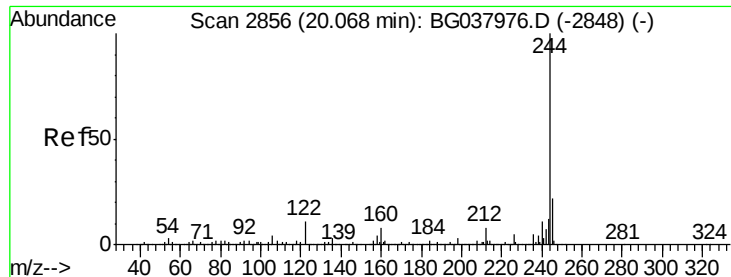
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038120.D
Acq: 21 Nov 2018 16:57

Tgt Ion:240 Resp: 243950
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 26.2 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: 90.763 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

Instrument :

BNA_G

ClientSampleId :

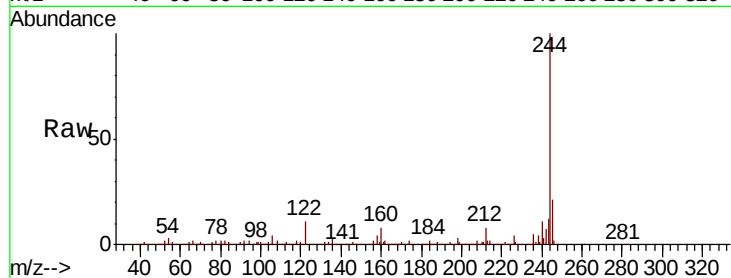
Tot Ion:244 Resp: 940997

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

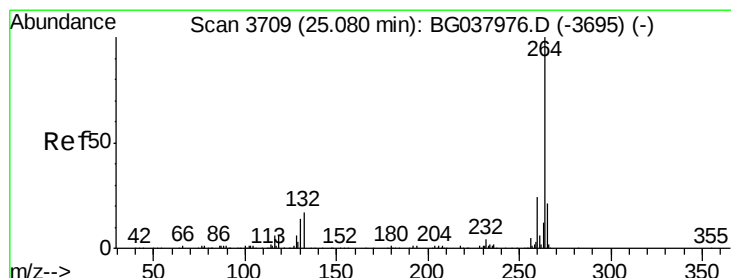
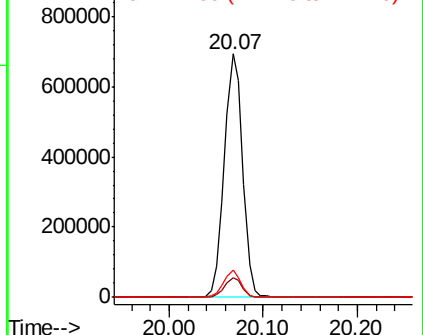
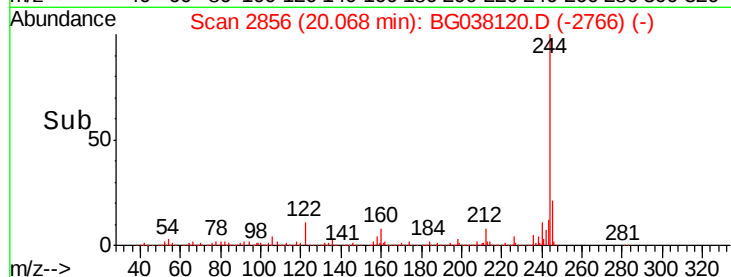
122 11.1 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038120.D

Acq: 21 Nov 2018 16:57

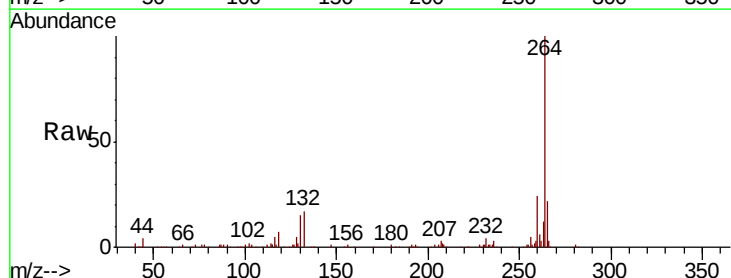
Tgt Ion:264 Resp: 240132

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 22.2 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

