

Data File : BG038237.D
Acq On : 29 Nov 2018 17:43
Operator : JU/SJ
Sample : PB115157BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115157BL

Quant Time: Nov 30 00:24:27 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

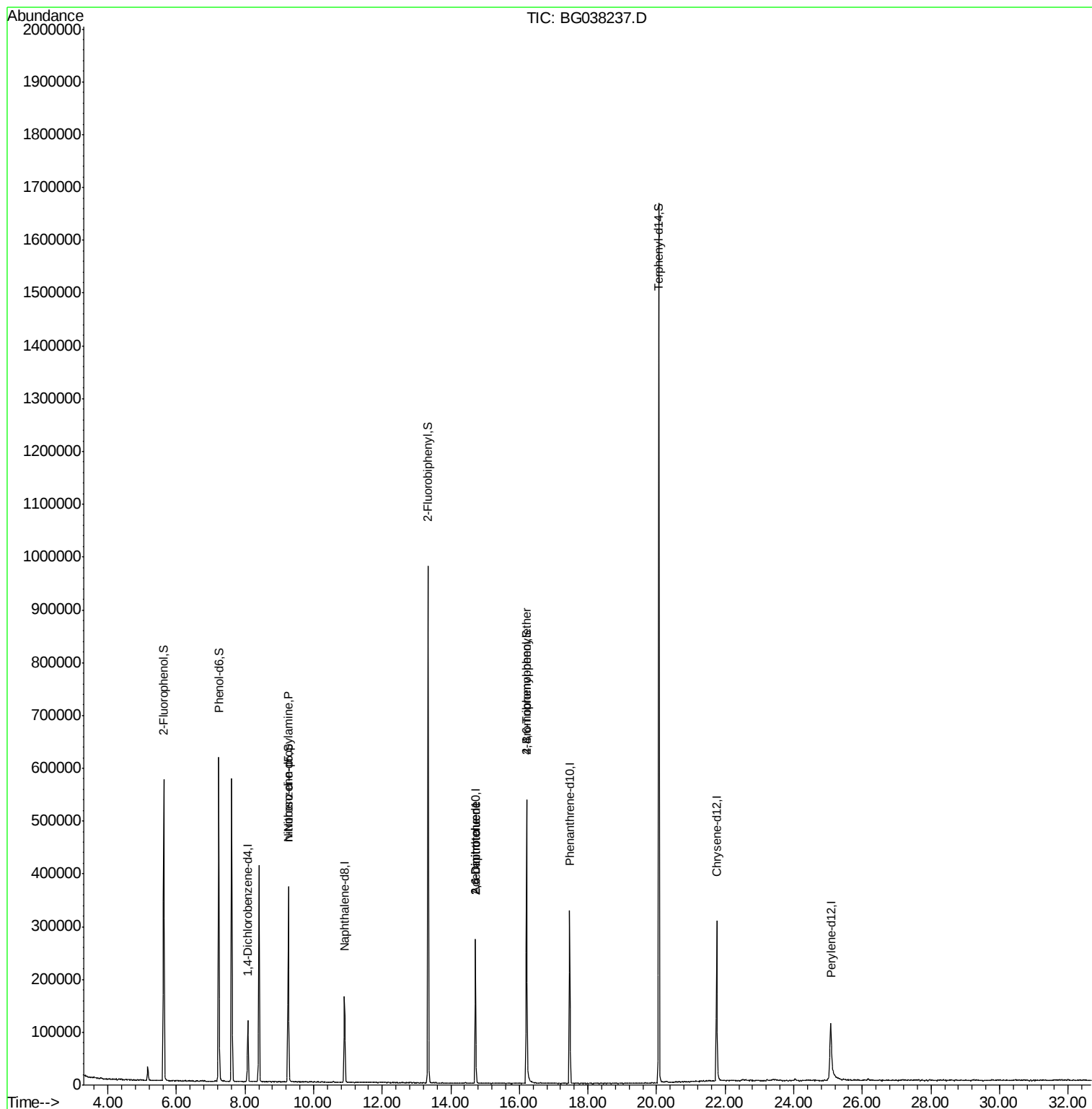
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33679	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	148922	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95461	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	215549	20.00	ng	0.00
76) Chrysene-d12	21.75	240	211773	20.00	ng	0.00
87) Perylene-d12	25.08	264	169652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	251935	129.16	ng	0.00
7) Phenol-d6	7.23	99	360644	129.52	ng	0.00
23) Nitrobenzene-d5	9.26	82	225931	81.21	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	111274	102.21	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	524948	80.11	ng	0.00
79) Terphenyl-d14	20.06	244	804894	89.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.25	70	29732	14.757	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	12280	7.169	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	12280	5.269	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	7918	3.347	ng	# 1

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

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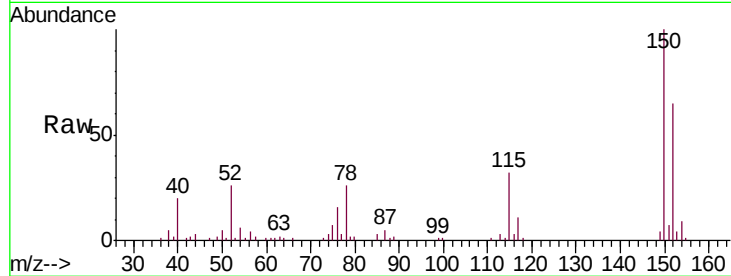


#1

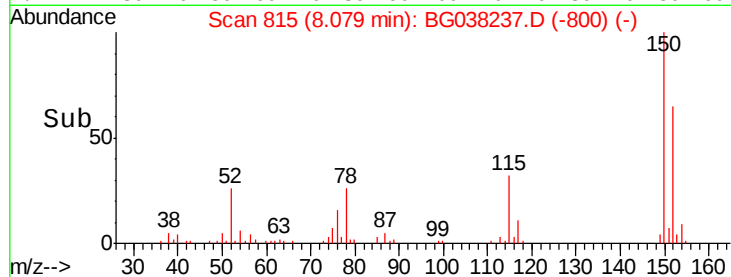
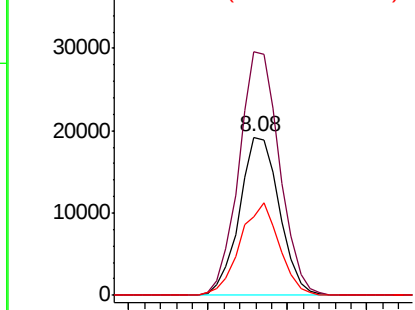
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038237.D
Acq: 29 Nov 2018 17:43

Instrument :
BNA_G
ClientSampleId :
PB115157BL

Tgt Ion:152 Resp: 33679
Ion Ratio Lower Upper
152 100
150 153.7 126.0 189.0
115 49.6 45.5 68.3



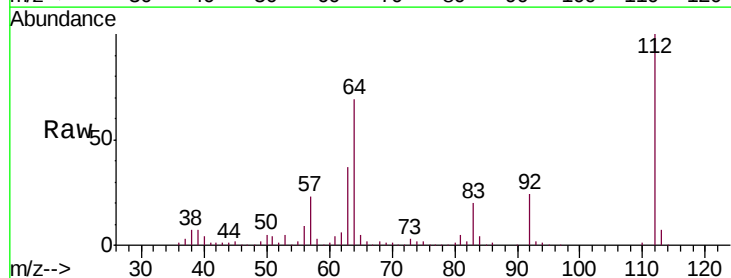
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



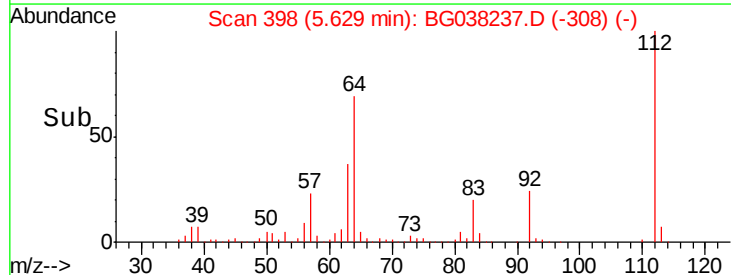
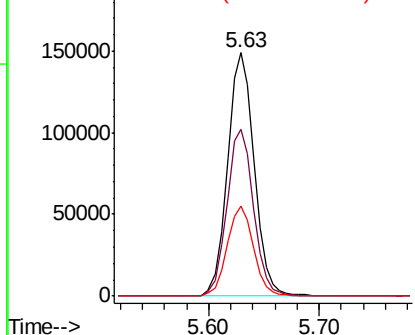
#5

2-Fluorophenol
Concen: 129.155 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038237.D
Acq: 29 Nov 2018 17:43

Tgt Ion:112 Resp: 251935
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 36.9 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: 129.522 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Instrument :

BNA_G

ClientSampleId :

PB115157BL

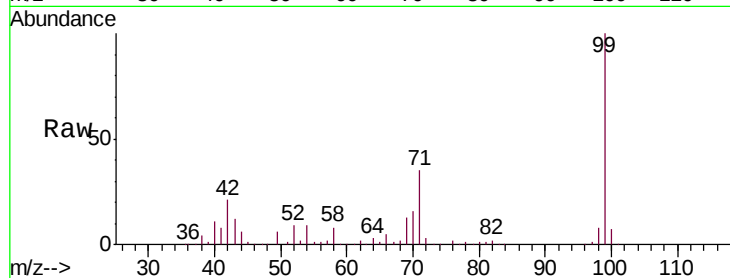
Tgt Ion: 99 Resp: 360644

Ion Ratio Lower Upper

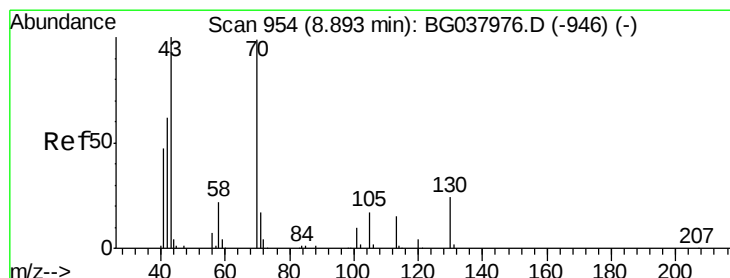
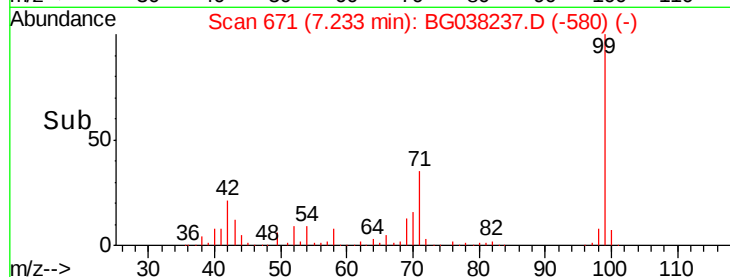
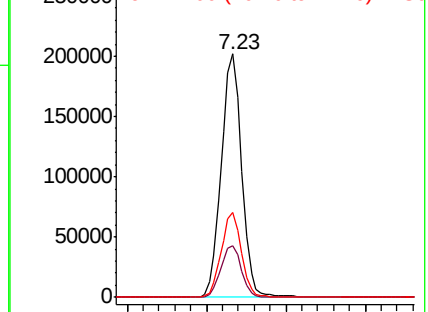
99 100

42 21.3 15.0 22.4

71 34.9 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: 14.757 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.36 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Tgt Ion: 70 Resp: 29732

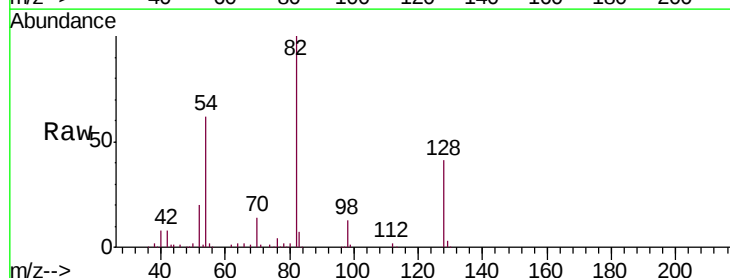
Ion Ratio Lower Upper

70 100

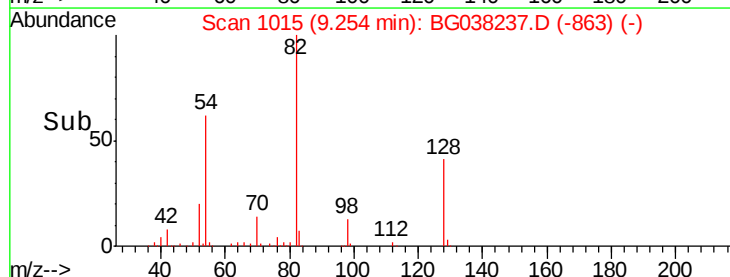
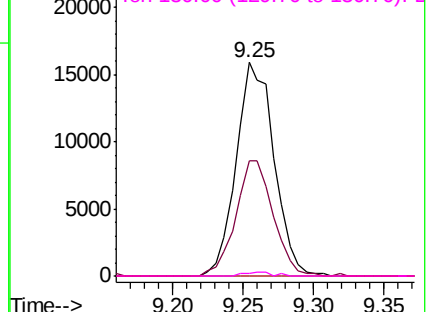
42 53.7 53.9 80.9#

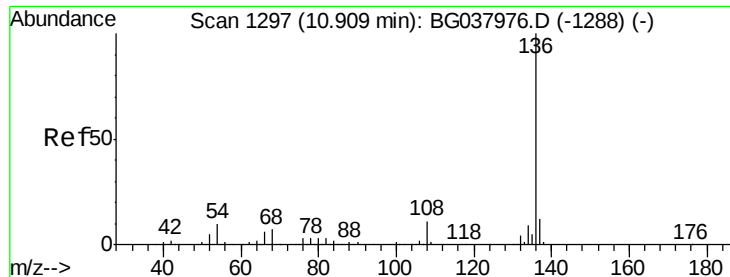
101 0.0 8.2 12.2#

130 1.2 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

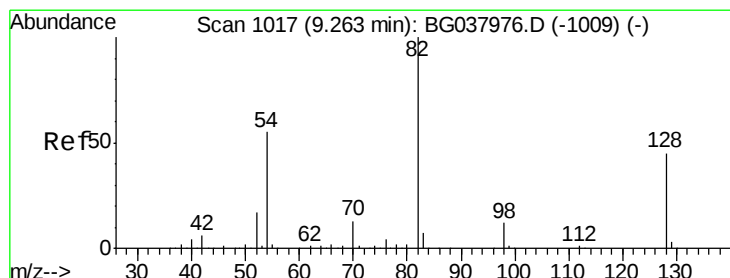
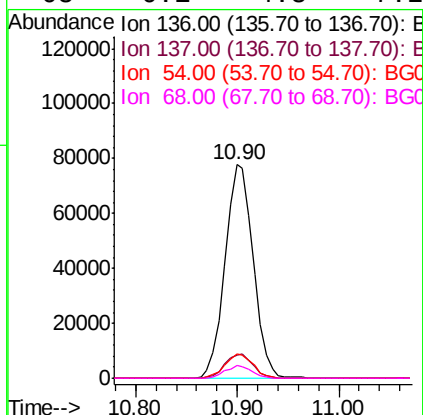
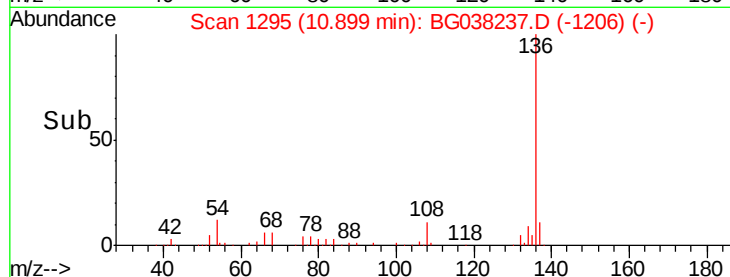
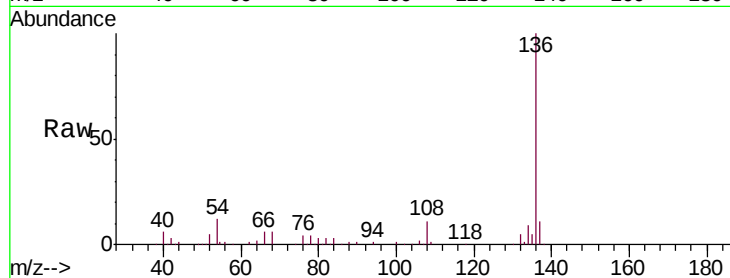




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038237.D
Acq: 29 Nov 2018 17:43

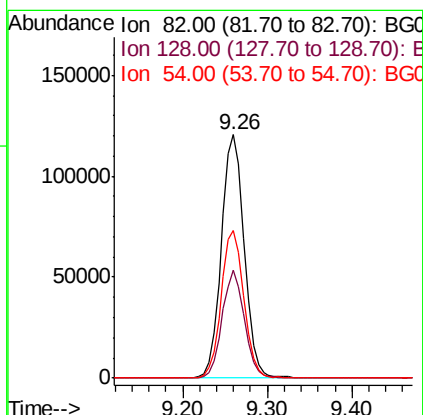
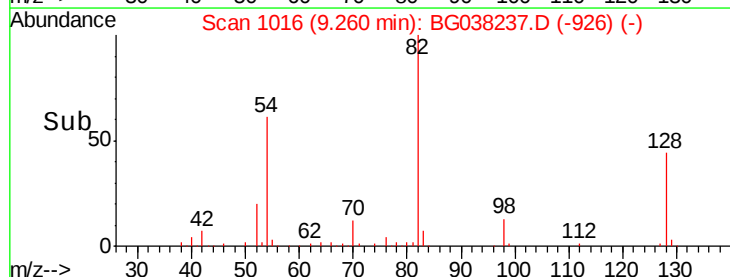
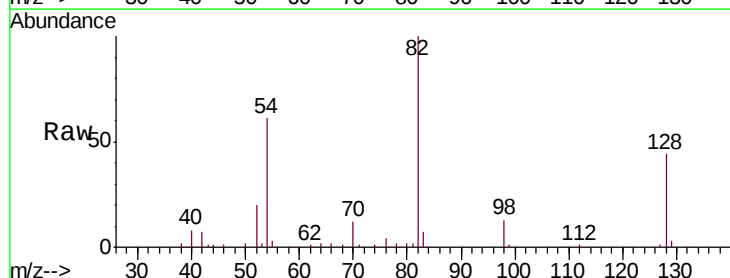
Instrument :
BNA_G
ClientSampleId :
PB115157BL

Tgt Ion:	136	Resp:	148922
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	12.1	7.9	11.9#
68	6.1	4.8	7.2



#23
Nitrobenzene-d5
Concen: 81.211 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038237.D
Acq: 29 Nov 2018 17:43

Tgt Ion:	82	Resp:	225931
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	60.8	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Instrument :

BNA_G

ClientSampleId :

PB115157BL

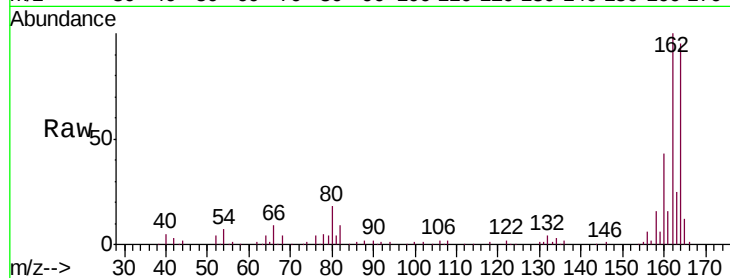
Tgt Ion:164 Resp: 95461

Ion Ratio Lower Upper

164 100

162 105.1 81.3 121.9

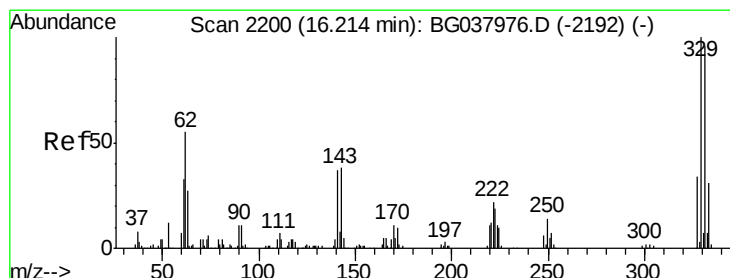
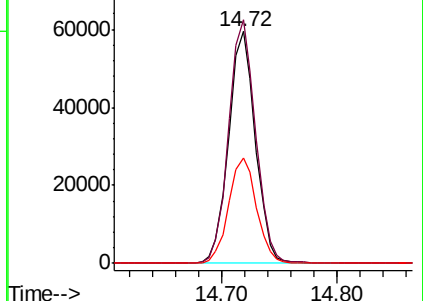
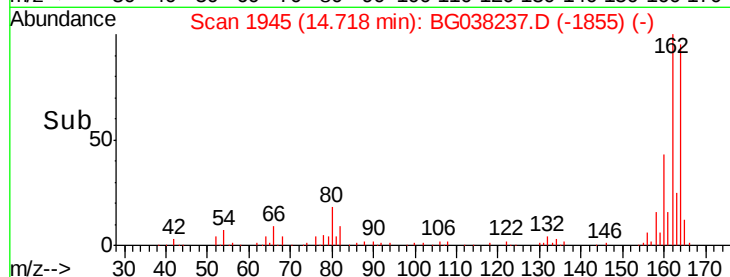
160 45.4 36.3 54.5



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: 102.207 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

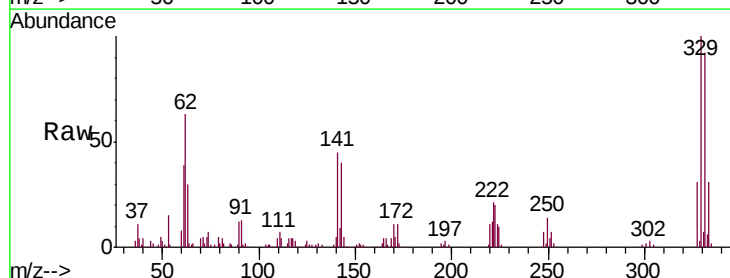
Tgt Ion:330 Resp: 111274

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

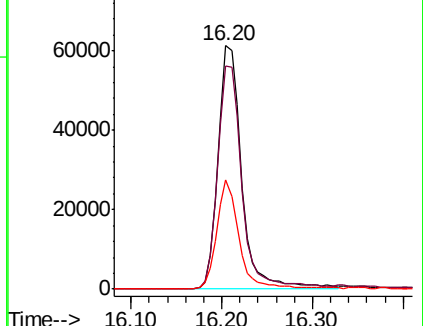
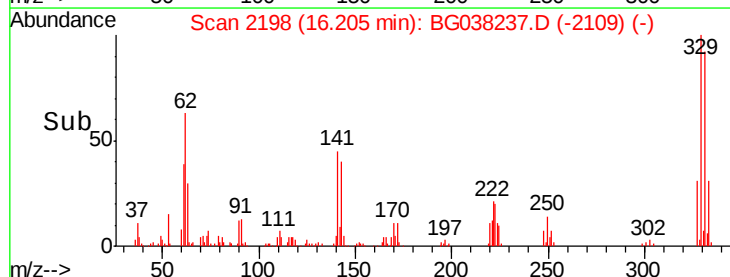
141 41.5 32.2 48.2



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

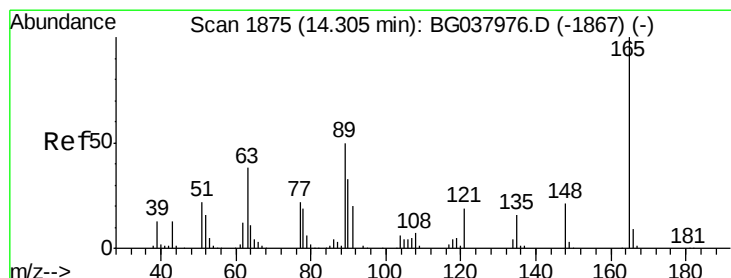
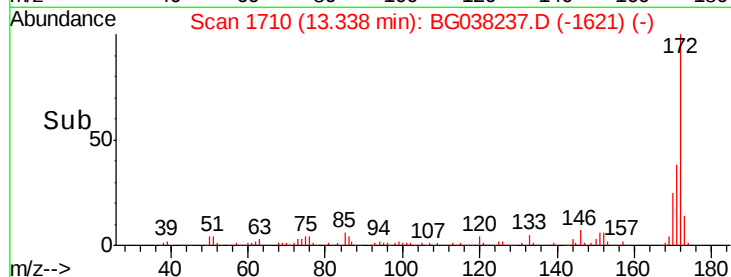
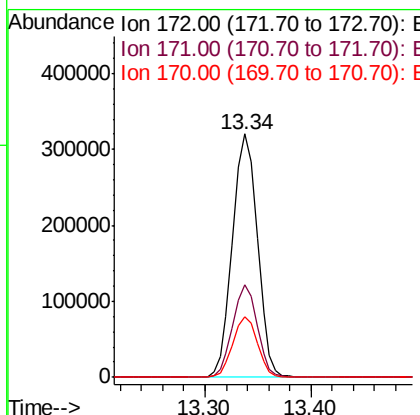
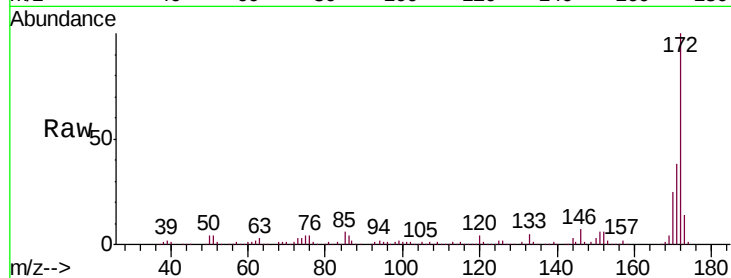




#45
 2-Fluorobiphenyl
 Concen: 80.113 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

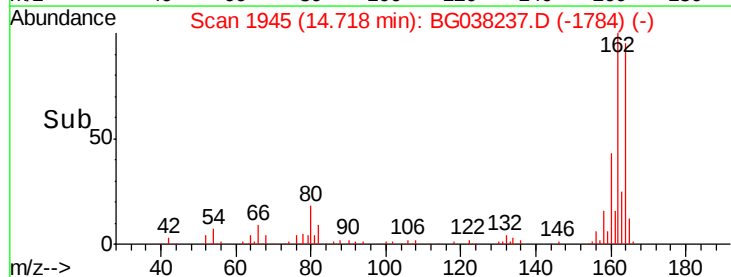
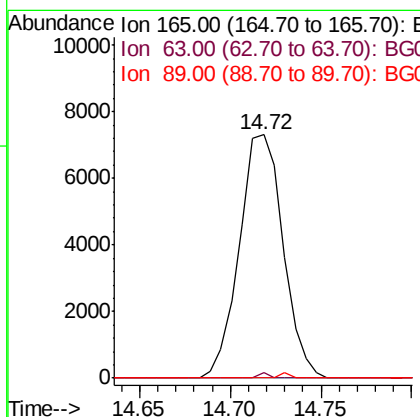
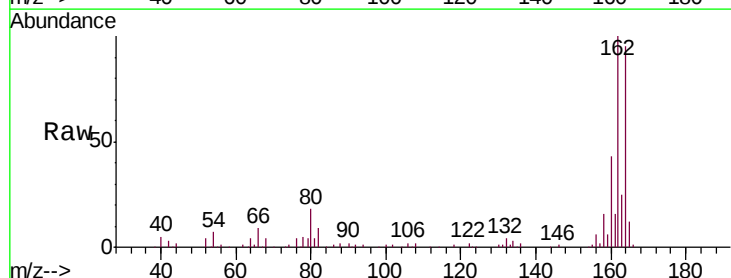
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BL

Tgt Ion:172 Resp: 524948
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.0 46.4
 170 24.8 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.169 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

Tgt Ion:165 Resp: 12280
 Ion Ratio Lower Upper
 165 100
 63 2.2 43.4 65.2#
 89 0.0 45.8 68.6#

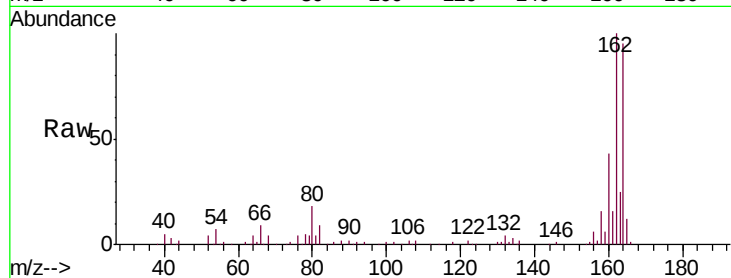




#57
 2,4-Dinitrotoluene
 Concen: 5.269 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

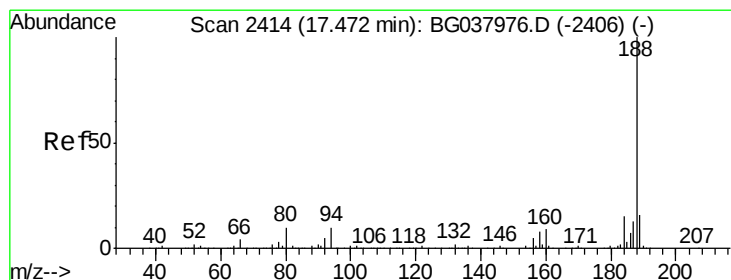
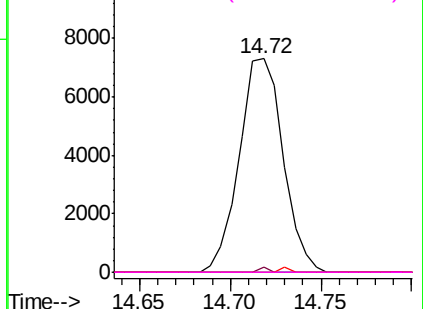
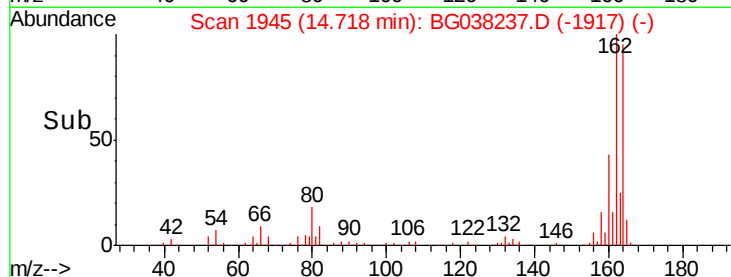


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

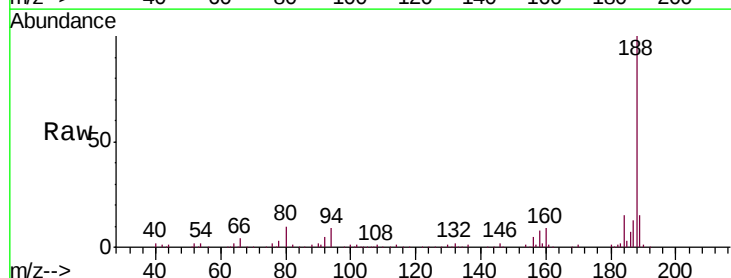
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

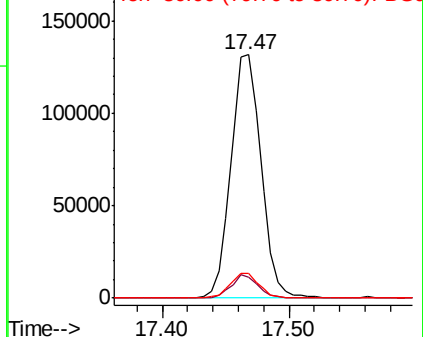
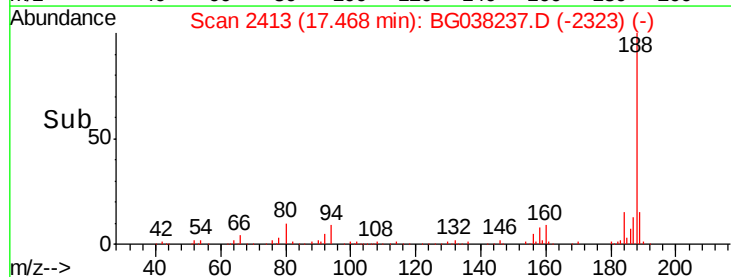
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.9	7.7	11.5

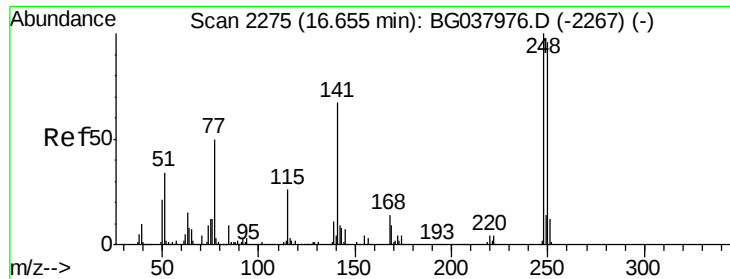


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

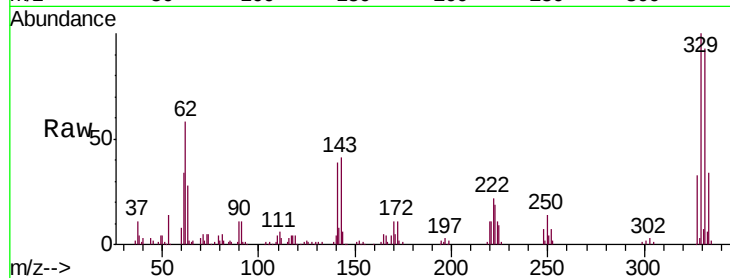




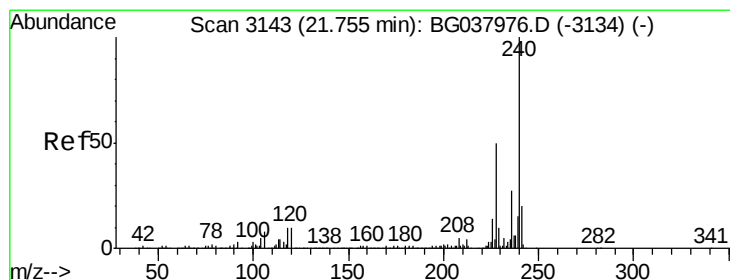
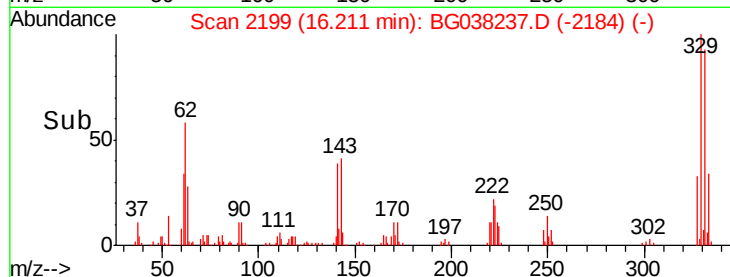
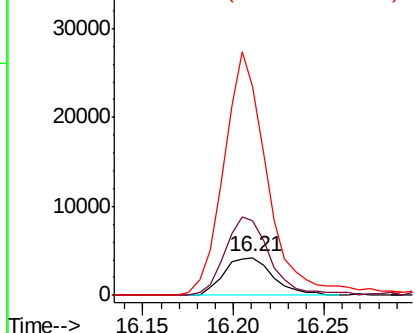
#67
 4-Bromophenyl-phenylether
 Concen: 3.347 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BL

Tgt Ion:248 Resp: 7918
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.0 115.6#
 141 421.3 55.5 83.3#

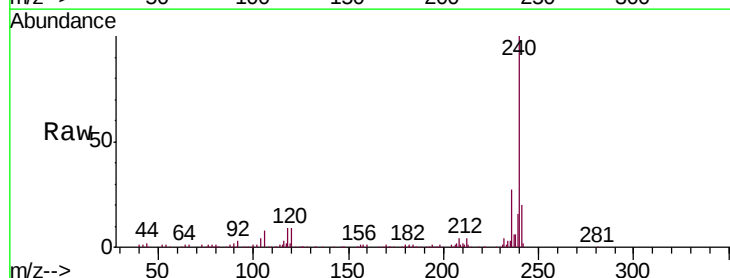


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

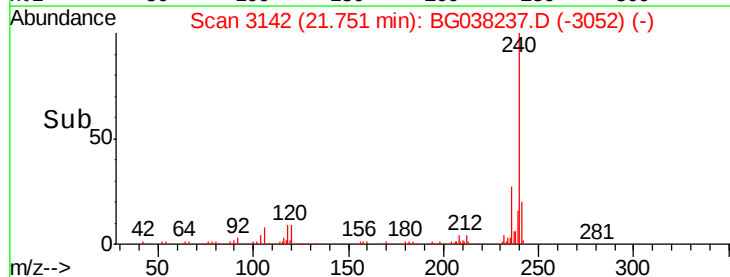
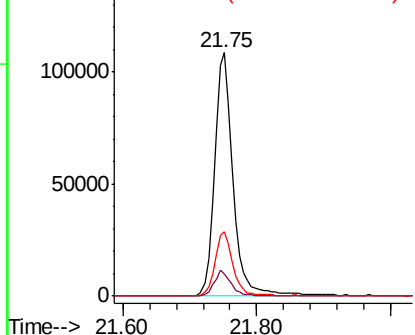


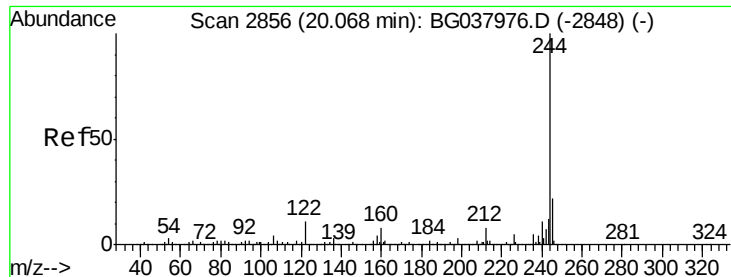
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038237.D
 Acq: 29 Nov 2018 17:43

Tgt Ion:240 Resp: 211773
 Ion Ratio Lower Upper
 240 100
 120 9.1 8.1 12.1
 236 26.7 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: 89.432 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

Instrument :

BNA_G

ClientSampleId :

PB115157BL

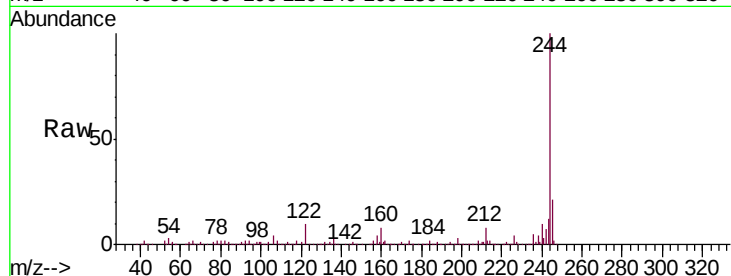
Tgt Ion:244 Resp: 804894

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

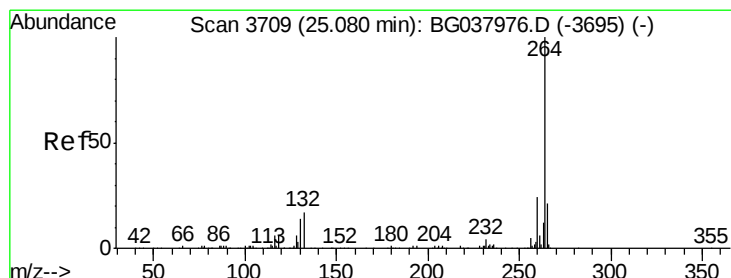
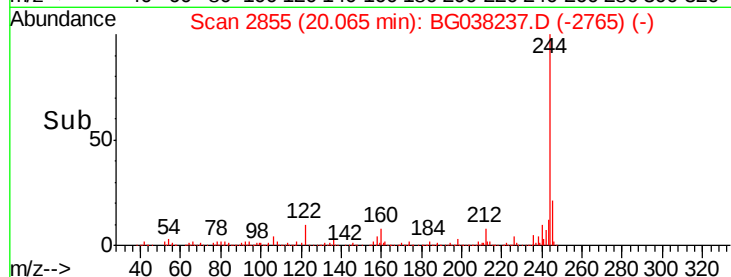
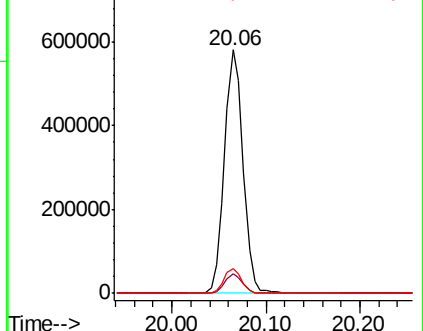
122 10.1 9.0 13.4



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: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038237.D

Acq: 29 Nov 2018 17:43

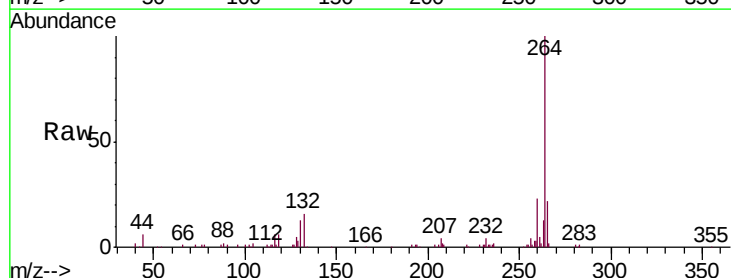
Tgt Ion:264 Resp: 169652

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.3 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

