

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037727.D
 Acq On : 1 Nov 2018 20:29
 Operator : JU/SJ
 Sample : J5755-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:11:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52095	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	239183	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	146301	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	277893	20.00	ng	0.00
76) Chrysene-d12	21.77	240	233756	20.00	ng	0.00
87) Perylene-d12	25.11	264	235792	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	178541	57.30	ng	0.00
7) Phenol-d6	7.25	99	169770	36.03	ng	0.00
23) Nitrobenzene-d5	9.28	82	367161	85.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	184584	115.68	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	833554	85.92	ng	0.00
79) Terphenyl-d14	20.08	244	965882	88.29	ng	0.00

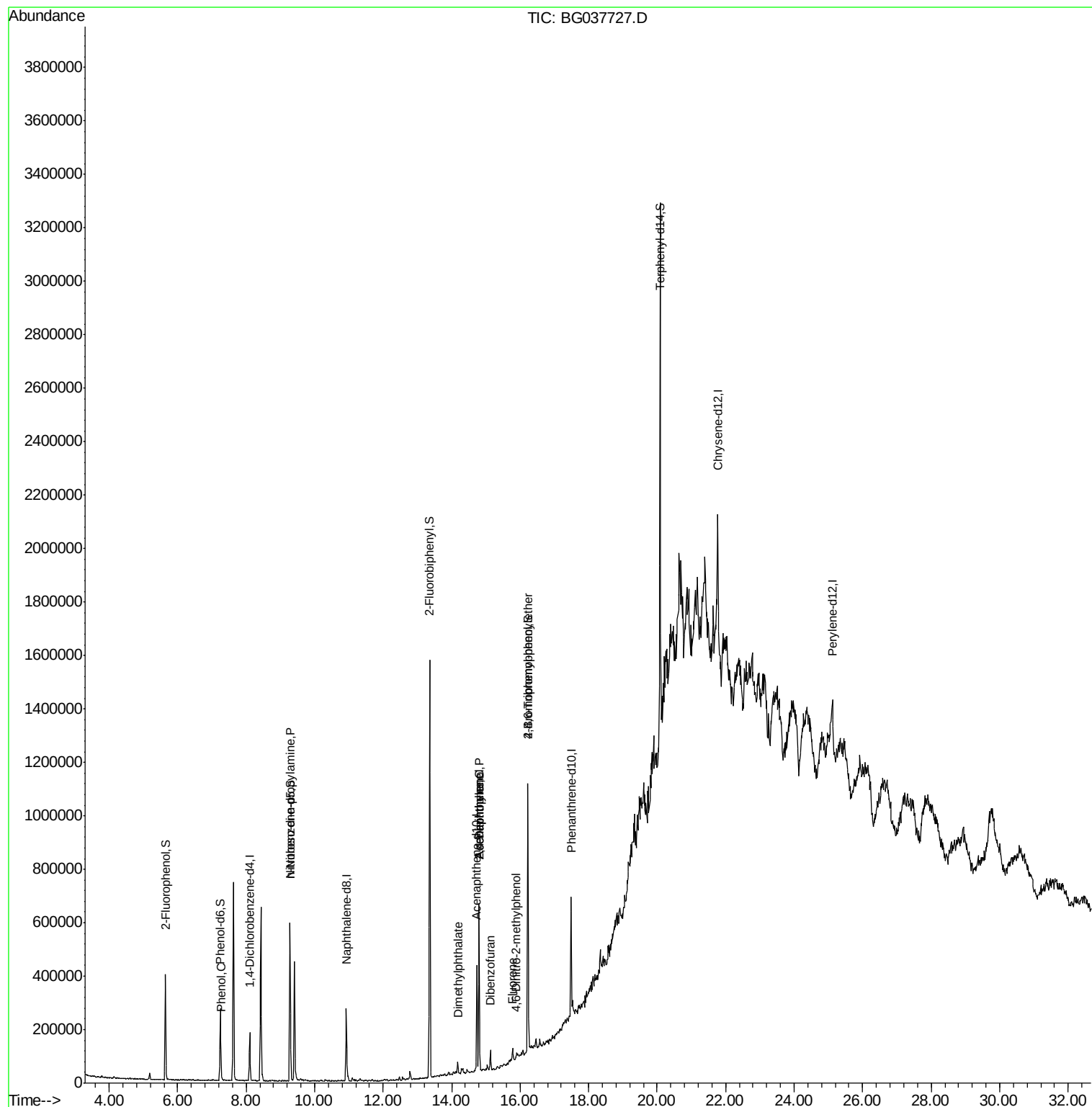
Target Compounds				Qvalue		
10) Phenol	7.27	94	15113	3.040	ng	91
19) n-Nitroso-di-n-propylamine	9.28	70	47259	14.565	ng	# 75
49) Acenaphthylene	14.80	152	133832	9.706	ng	# 1
50) Dimethylphthalate	14.18	163	31806	2.810	ng	# 98
52) Acenaphthene	14.80	154	240165	28.281	ng	99
54) 2,4-Dinitrophenol	14.81	184	60	6.210	ng	# 1
55) Dibenzofuran	15.14	168	51001	3.625	ng	99
58) Fluorene	15.78	166	21840	2.073	ng	# 93
65) 4,6-Dinitro-2-methylphenol	15.87	198	72	8.548	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	14091	4.617	ng	# 1

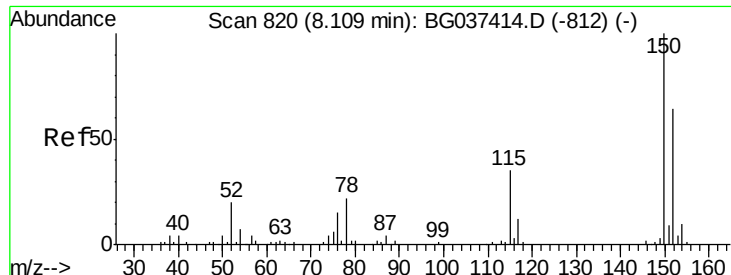
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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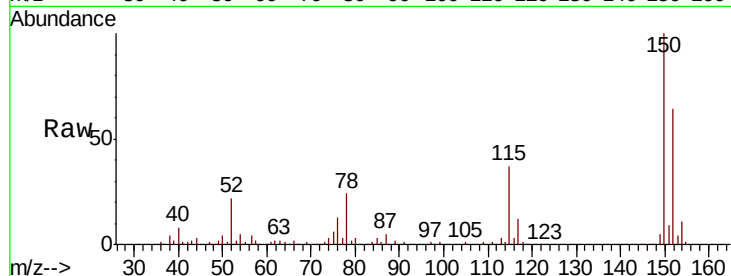


#1

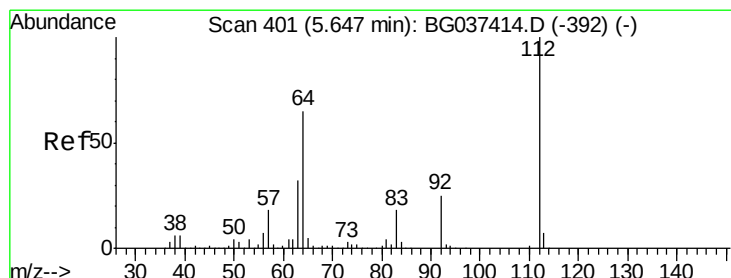
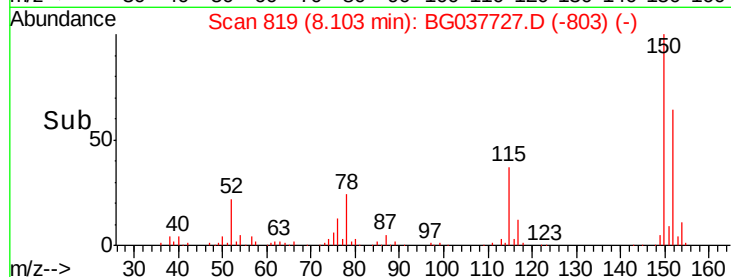
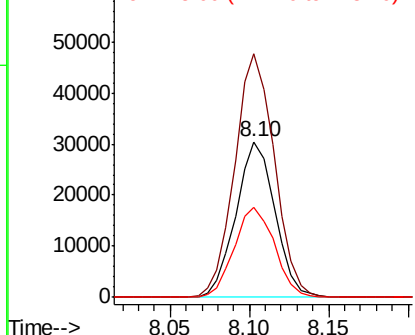
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 52095
Ion Ratio Lower Upper
152 100
150 156.6 126.0 189.0
115 57.6 45.5 68.3



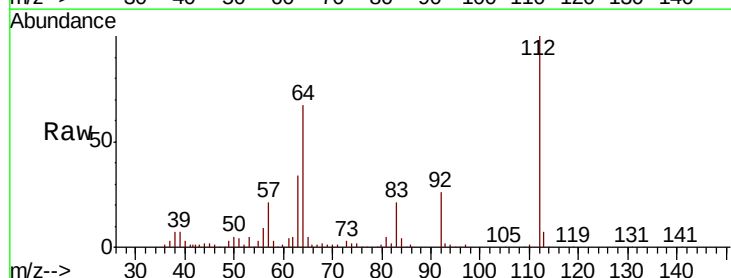
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



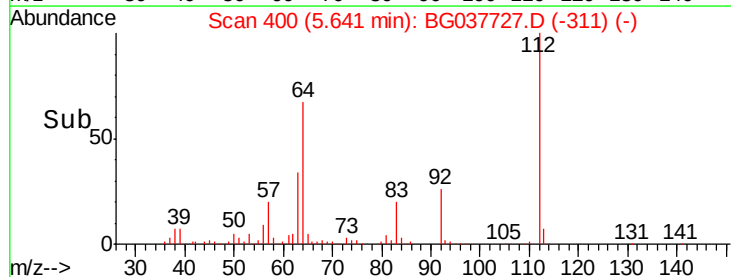
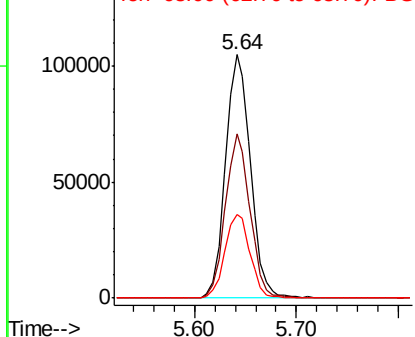
#5

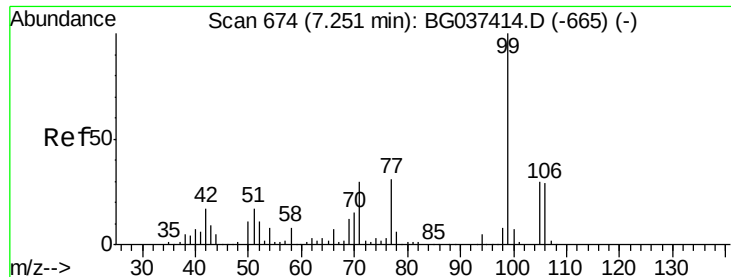
2-Fluorophenol
Concen: 57.298 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Tgt Ion:112 Resp: 178541
Ion Ratio Lower Upper
112 100
64 67.4 53.1 79.7
63 34.1 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: 36.031 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

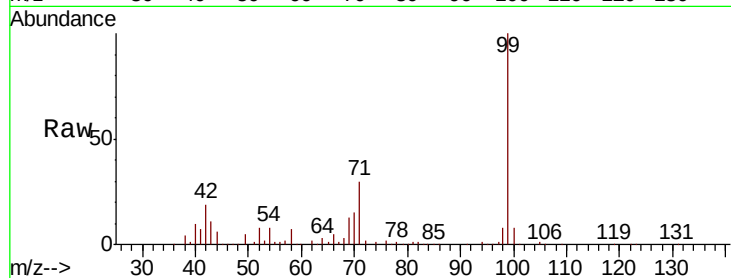
Tot Ion: 99 Resp: 169770

Ion Ratio Lower Upper

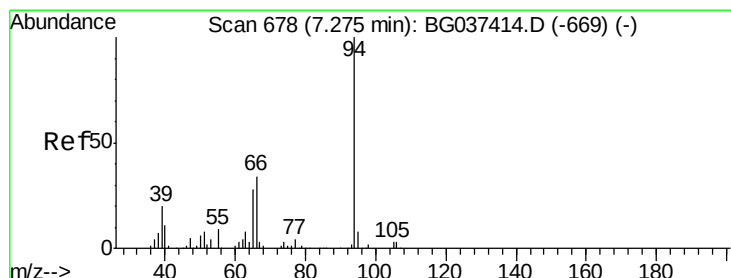
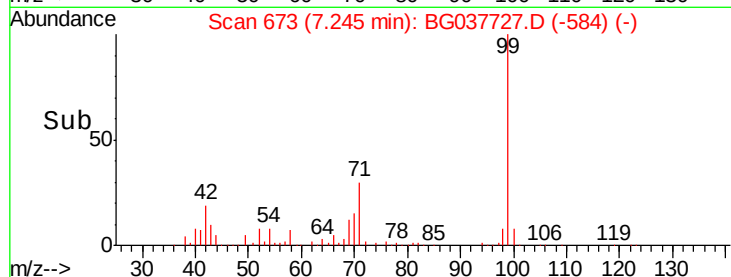
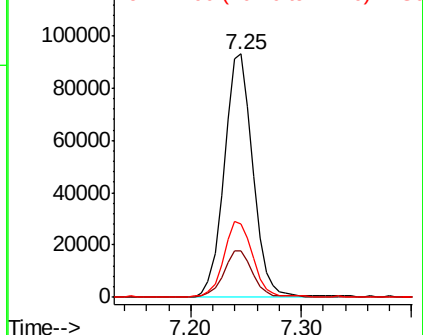
99 100

42 18.9 15.0 22.4

71 30.0 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



#10

Phenol

Concen: 3.040 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

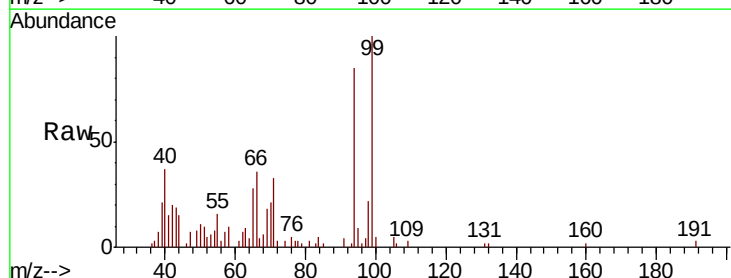
Tgt Ion: 94 Resp: 15113

Ion Ratio Lower Upper

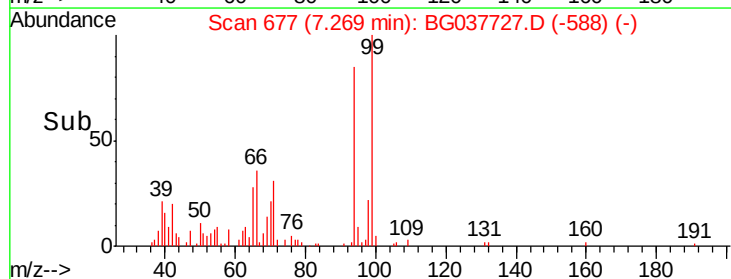
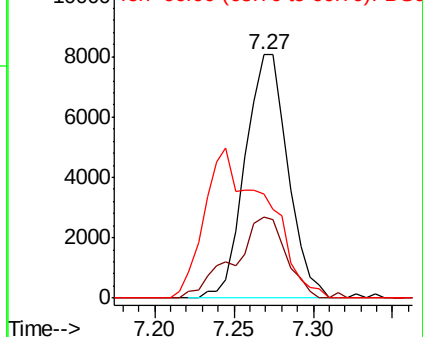
94 100

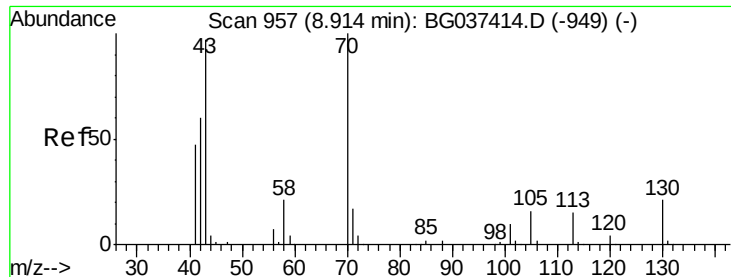
65 33.4 9.7 49.7

66 42.6 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

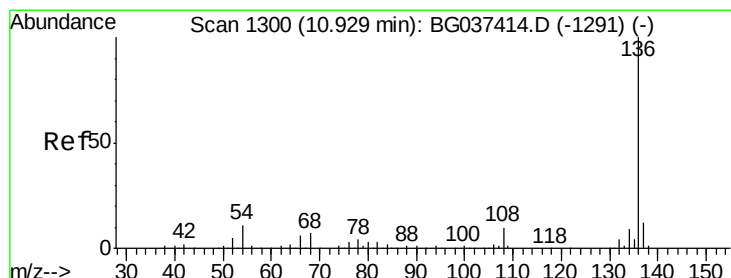
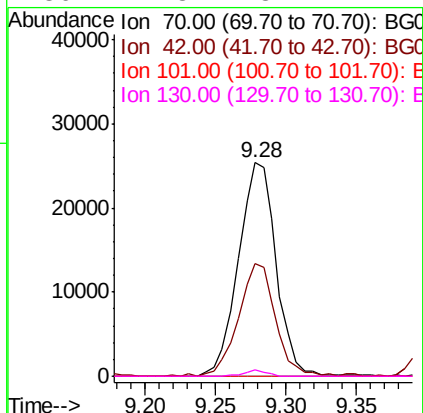
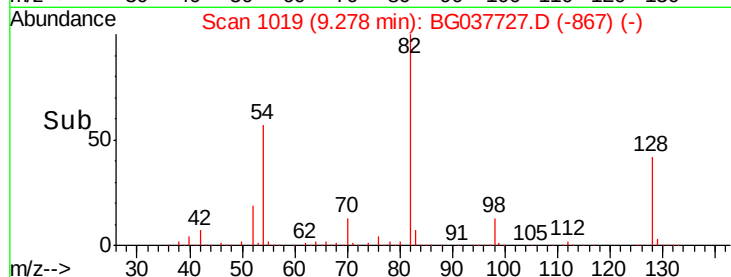
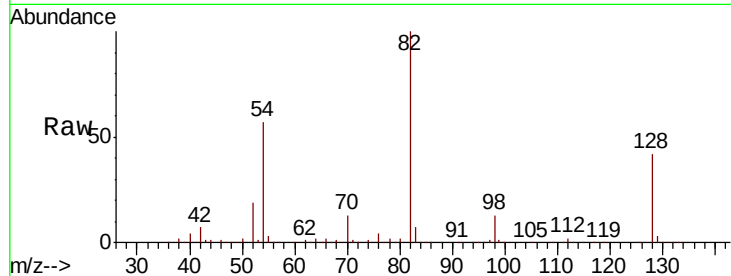




#19
n-Nitroso-di-n-propylamine
Concen: 14.565 ng
RT: 9.28 min Scan# 1019
Delta R.T. 0.36 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

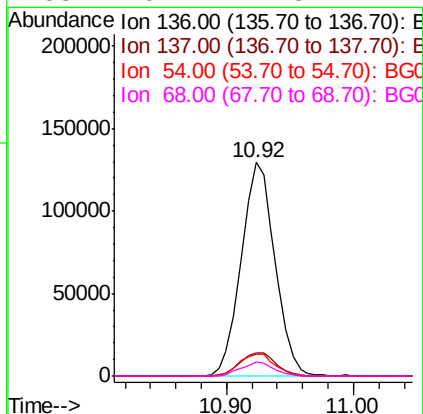
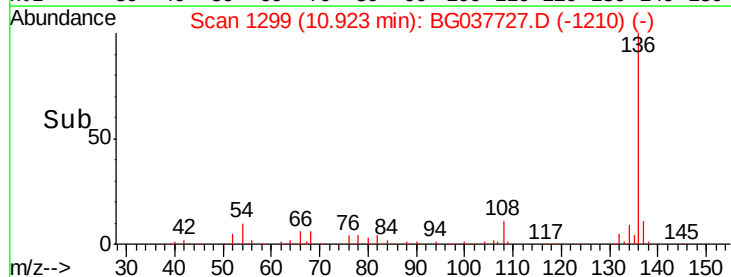
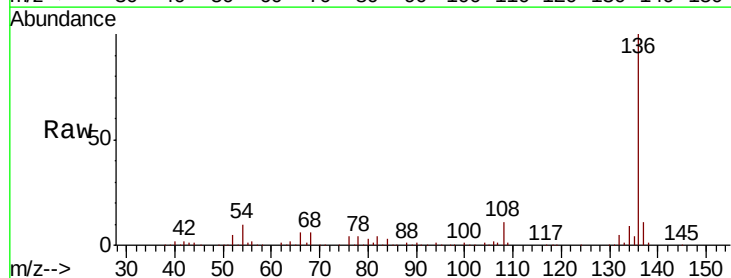
Instrument :
BNA_G
ClientSampleId :

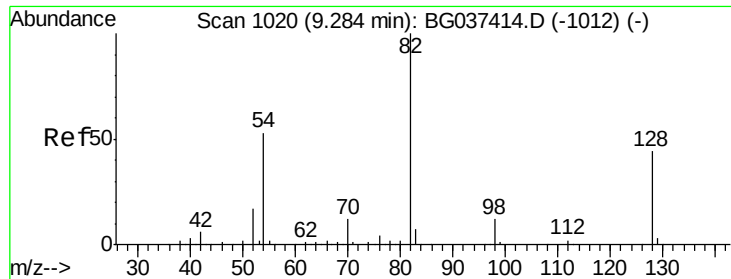
Tot Ion: 70 Resp: 47259
Ion Ratio Lower Upper
70 100
42 52.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Tgt Ion: 136 Resp: 239183
Ion Ratio Lower Upper
136 100
137 11.0 9.6 14.4
54 10.4 7.9 11.9
68 6.4 4.8 7.2

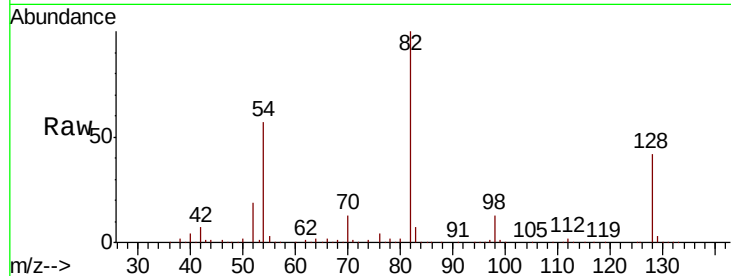




#23
Nitrobenzene-d5
Concen: 85.993 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	367161
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.6	51.8
54	57.0	45.3	67.9

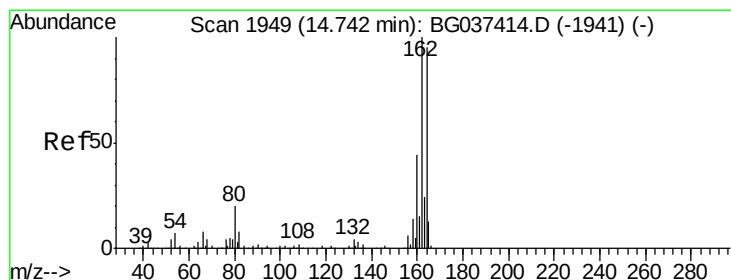
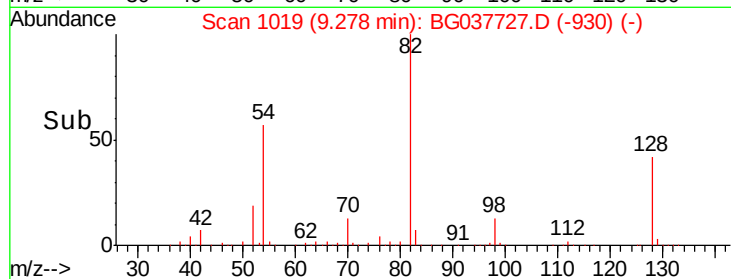
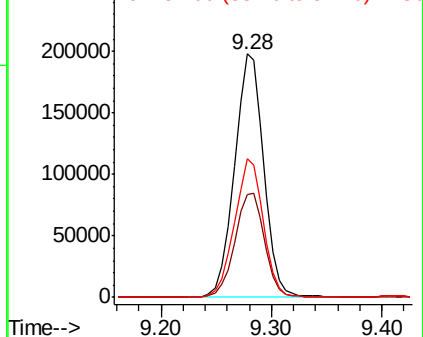


Abundance

Ion 82.00 (81.70 to 82.70): BGC

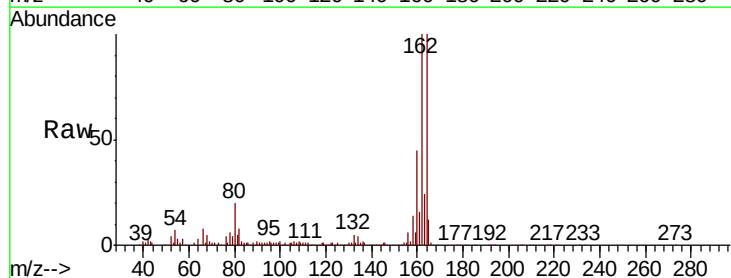
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Tgt Ion	164	Resp	146301
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.3	121.9
160	45.2	36.3	54.5

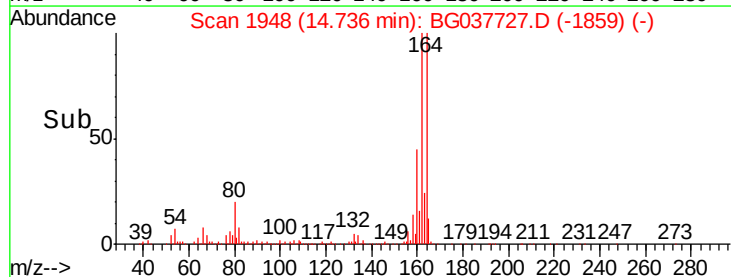
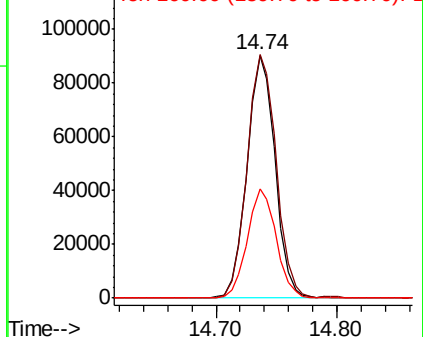


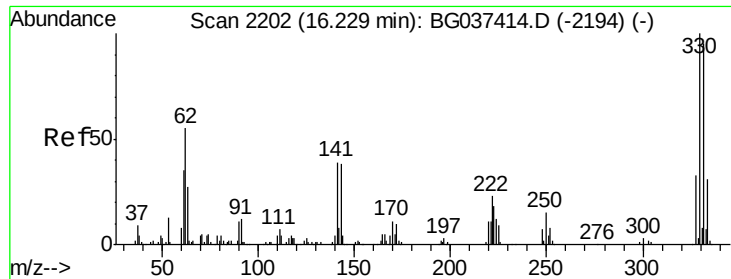
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 115.677 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampled :

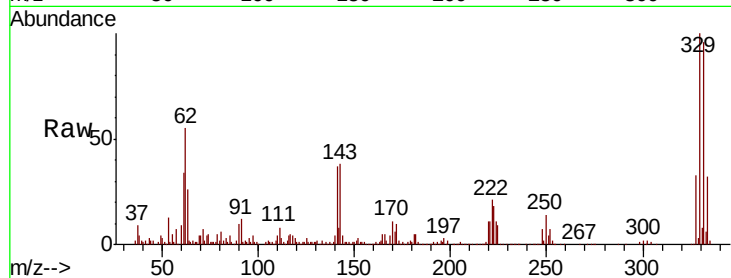
Tot Ion:330 Resp: 184584

Ion Ratio Lower Upper

330 100

332 97.0 78.4 117.6

141 40.4 32.2 48.2

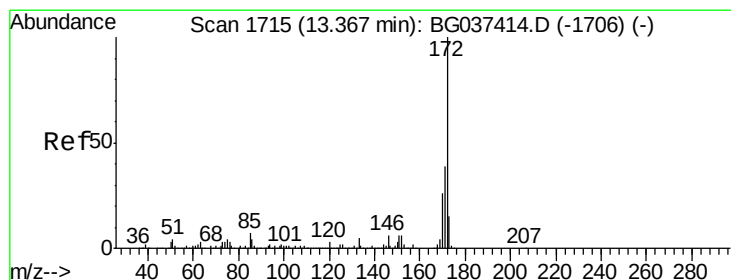
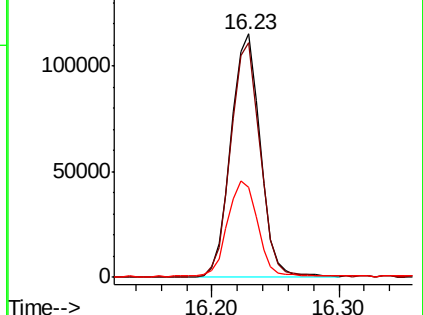
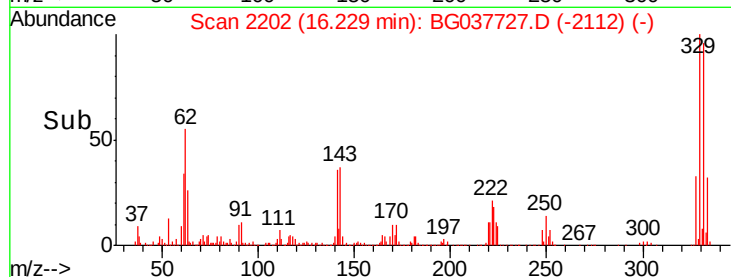


Abundance

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: 85.916 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

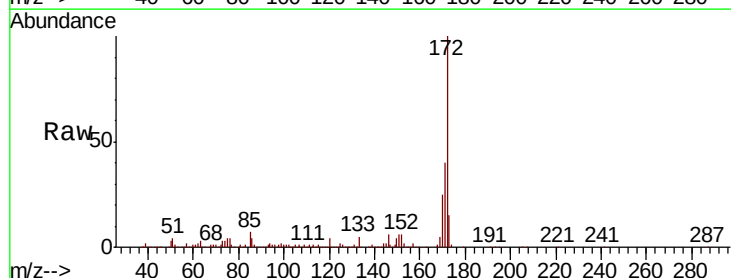
Tgt Ion:172 Resp: 833554

Ion Ratio Lower Upper

172 100

171 39.6 31.0 46.4

170 25.3 20.2 30.2

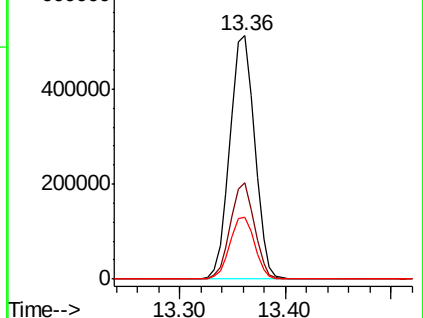
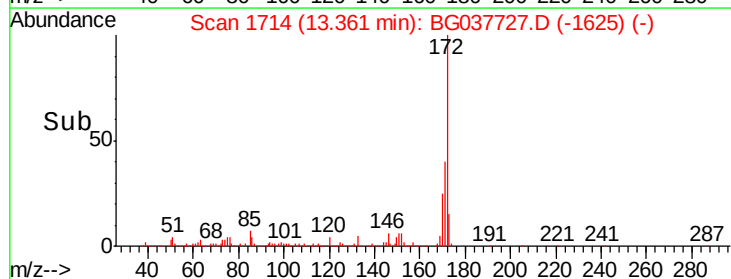


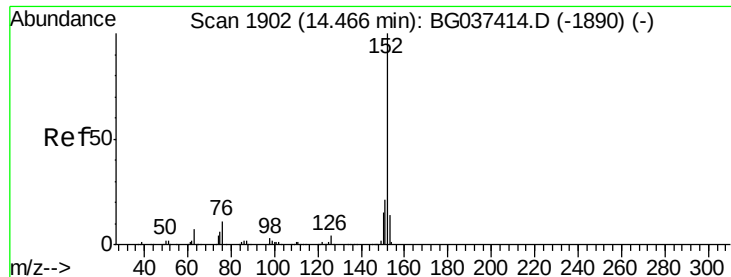
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 9.706 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.33 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

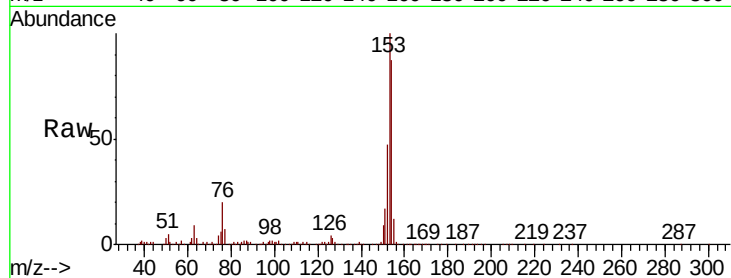
Tot Ion:152 Resp: 133832

Ion Ratio Lower Upper

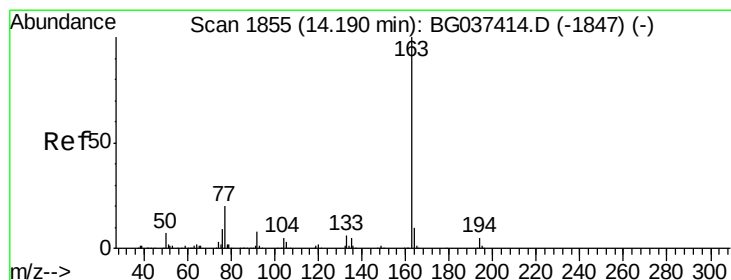
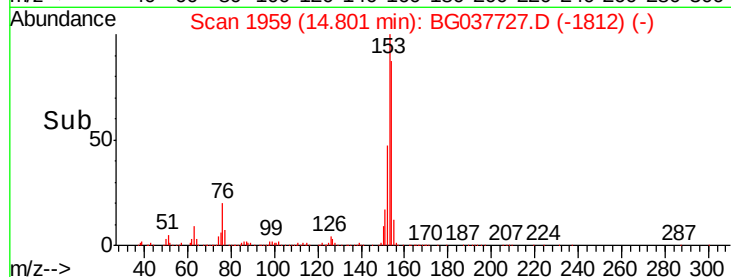
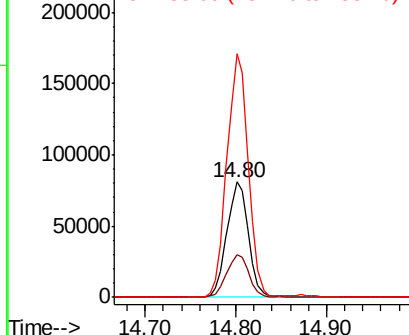
152 100

151 36.6 17.1 25.7#

153 210.7 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.810 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

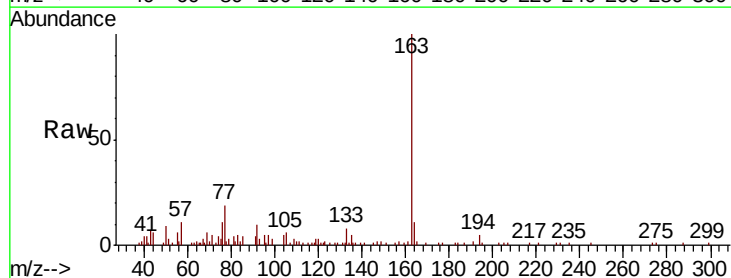
Tgt Ion:163 Resp: 31806

Ion Ratio Lower Upper

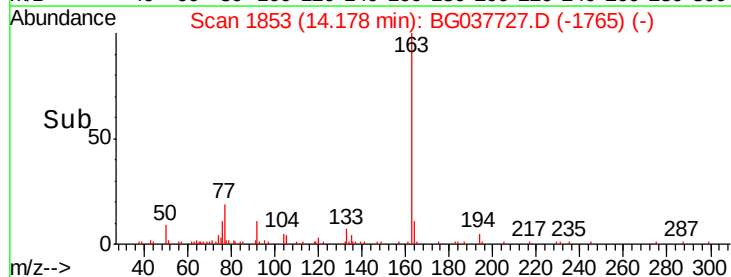
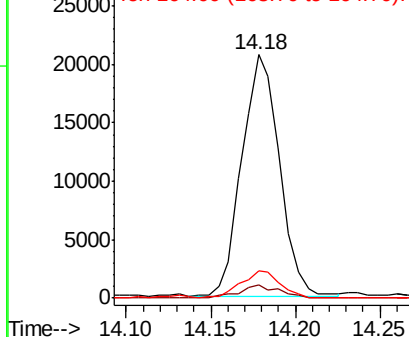
163 100

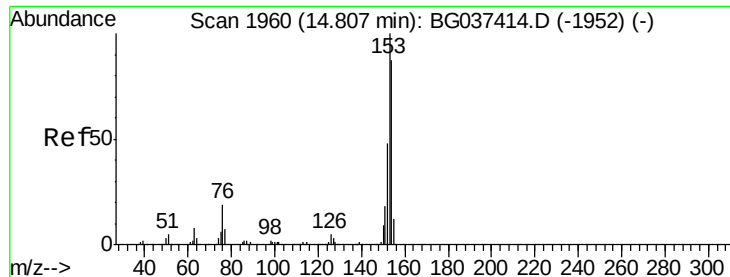
194 5.4 3.5 5.3#

164 11.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 28.281 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

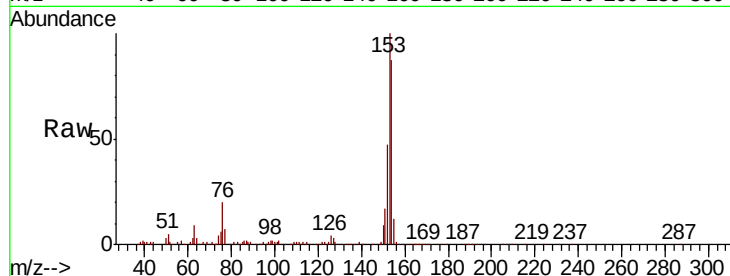
Tot Ion:154 Resp: 240165

Ion Ratio Lower Upper

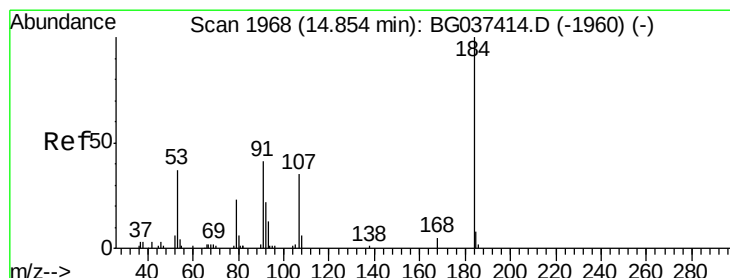
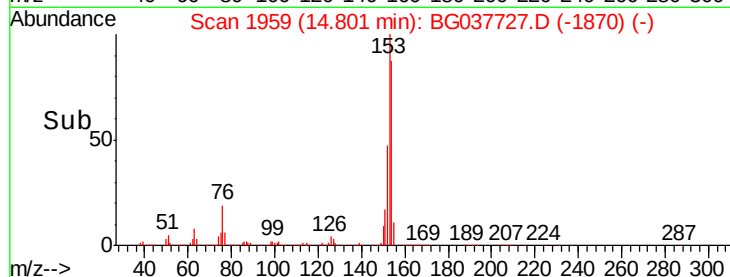
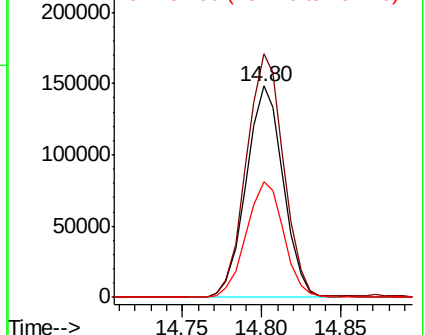
154 100

153 115.3 93.4 140.0

152 54.7 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 6.210 ng

RT: 14.81 min Scan# 1960

Delta R.T. -0.05 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

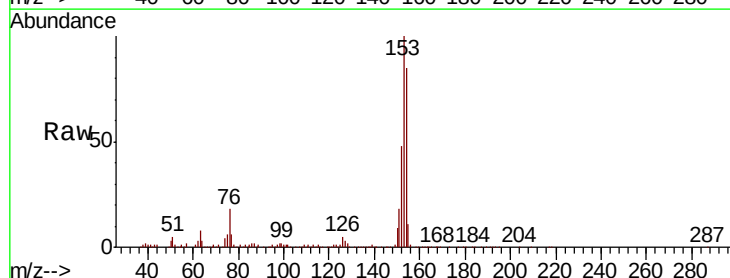
Tgt Ion:184 Resp: 60

Ion Ratio Lower Upper

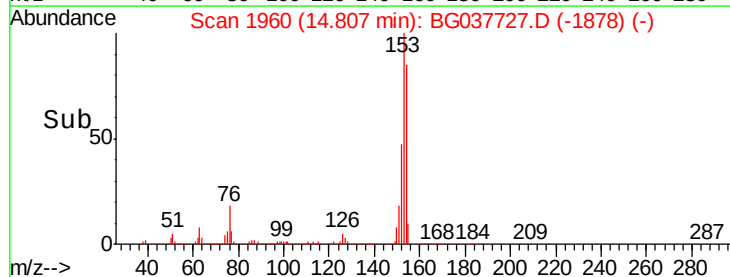
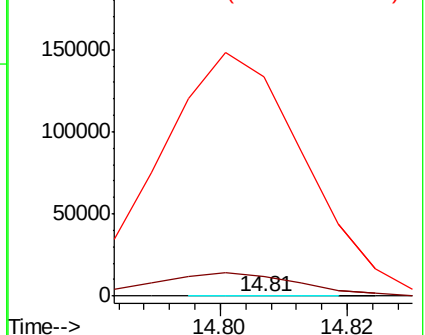
184 100

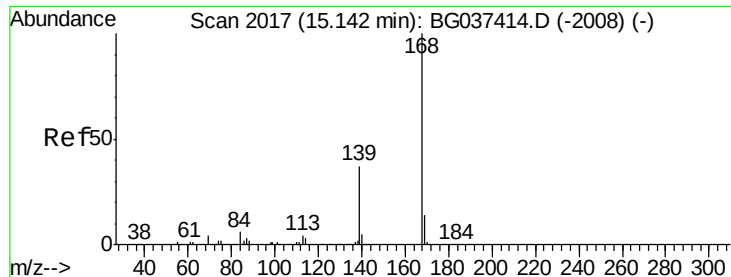
63 7234.1 42.6 63.8#

154 78569.4 41.8 62.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

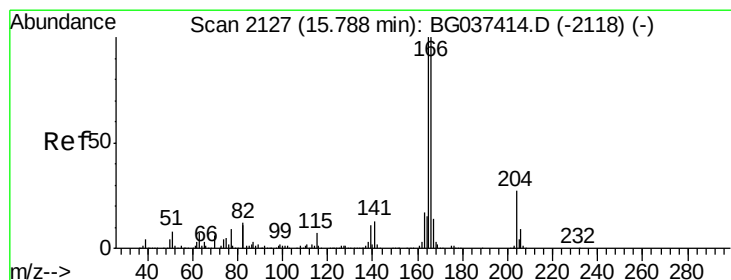
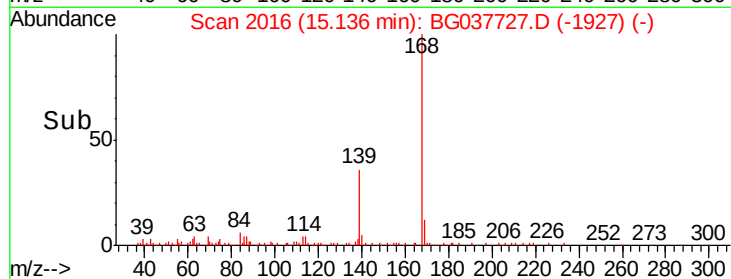
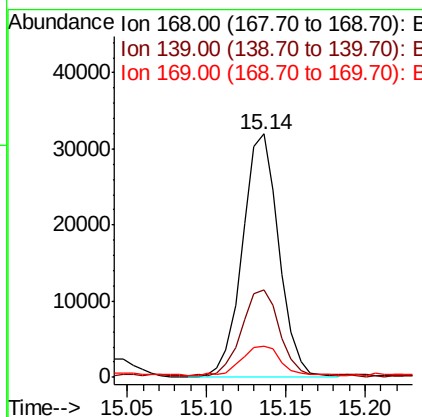
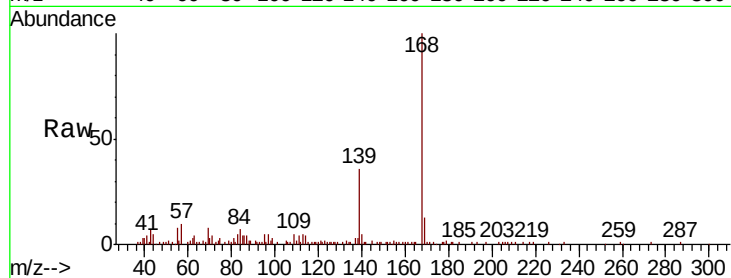




#55
Dibenzenofuran
Concen: 3.625 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

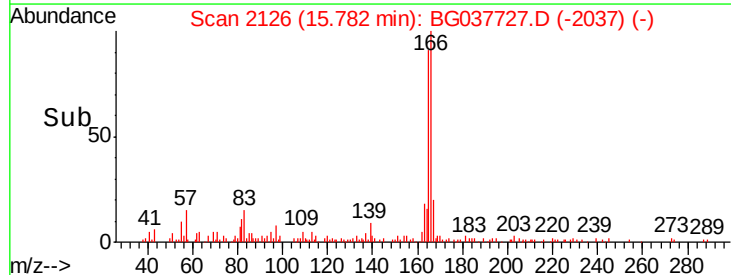
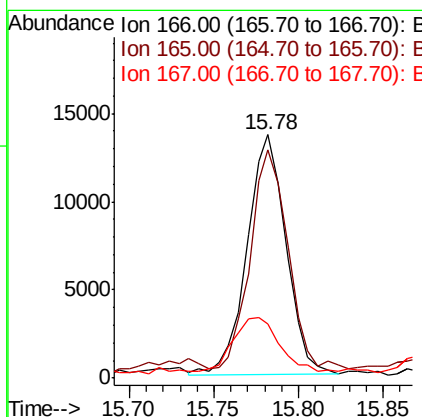
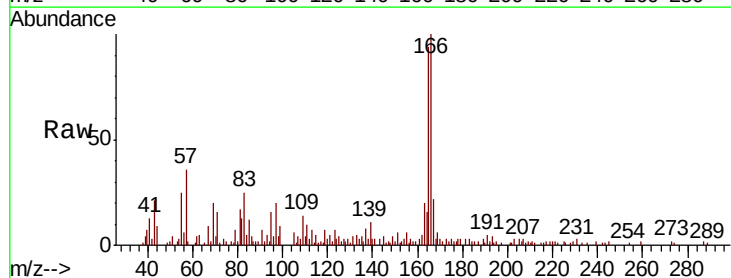
Instrument :
BNA_G
ClientSampleId :

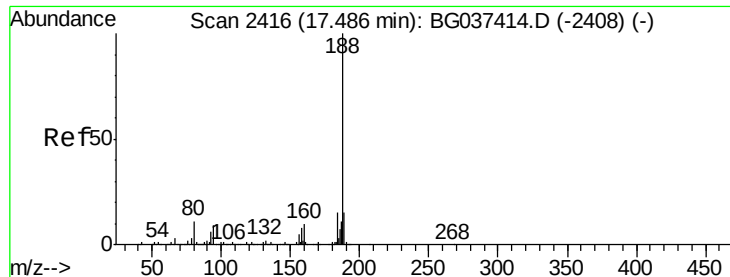
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.4	44.0
169	12.7	11.0	16.6



#58
Fluorene
Concen: 2.073 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037727.D
Acq: 1 Nov 2018 20:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.7	79.0	118.6
167	22.2	11.3	16.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

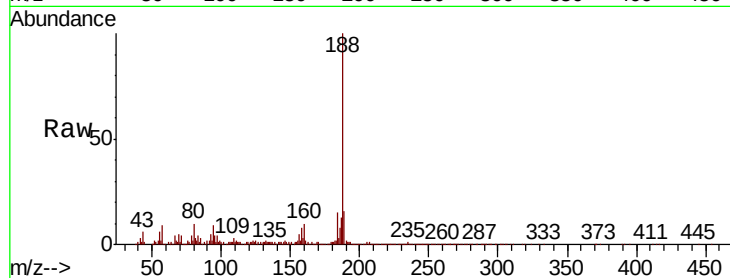
Tot Ion:188 Resp: 277893

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 10.2 7.7 11.5

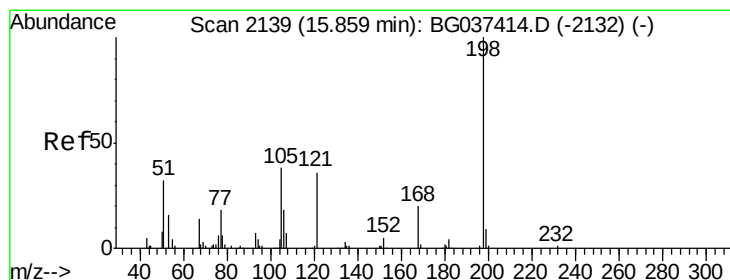
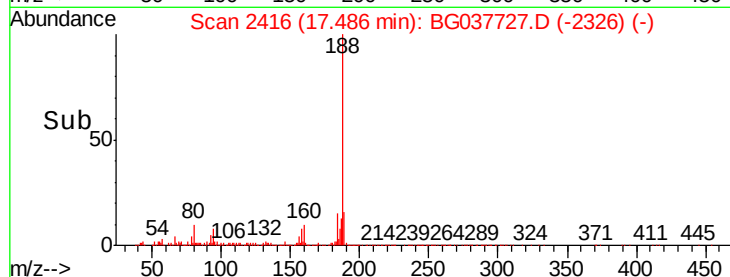
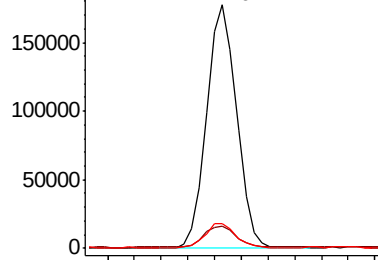


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.49



#65

4,6-Dinitro-2-methylphenol

Concen: 8.548 ng

RT: 15.87 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

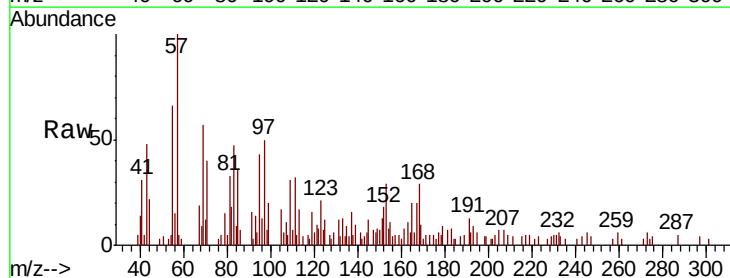
Tgt Ion:198 Resp: 72

Ion Ratio Lower Upper

198 100

51 111.8 22.7 62.7#

105 498.0 19.7 59.7#

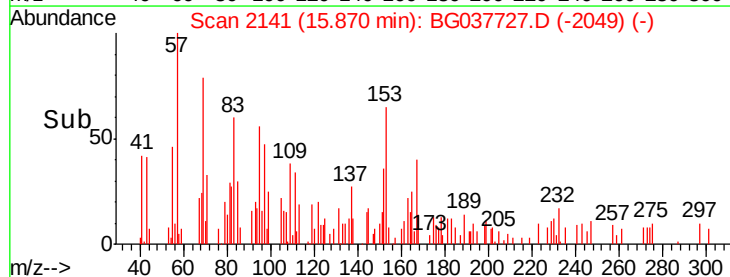
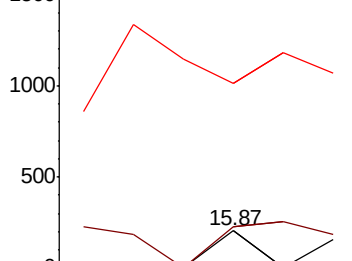


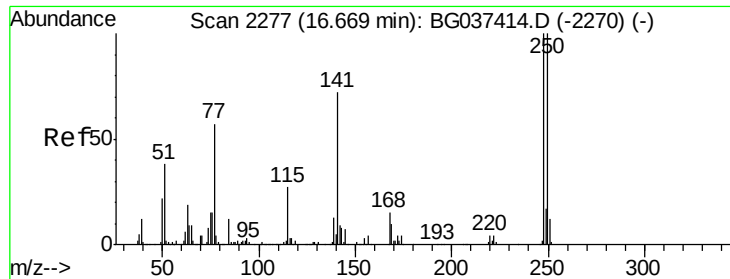
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.87





#67

4-Bromophenyl-phenylether

Concen: 4.617 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.44 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

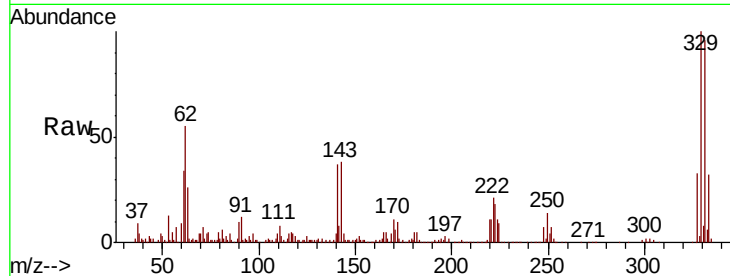
Tot Ion:248 Resp: 14091

Ion Ratio Lower Upper

248 100

250 197.4 77.0 115.6#

141 389.0 55.5 83.3#

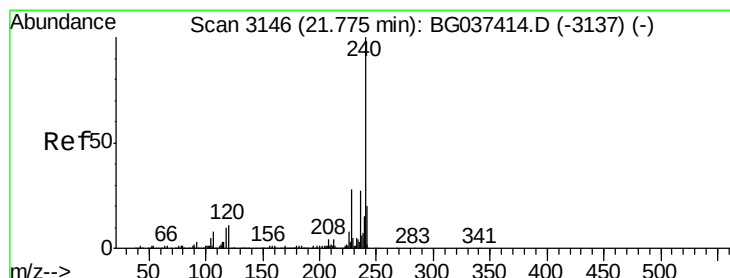
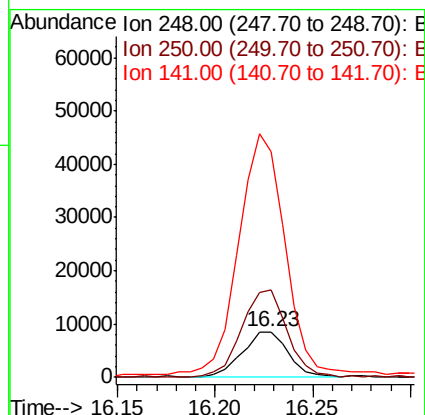
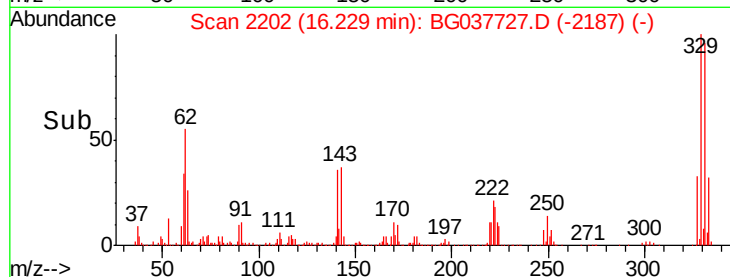


Abundance

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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

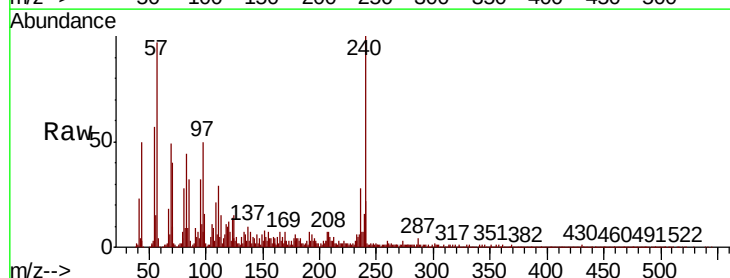
Tgt Ion:240 Resp: 233756

Ion Ratio Lower Upper

240 100

120 12.2 8.1 12.1#

236 28.0 21.4 32.0

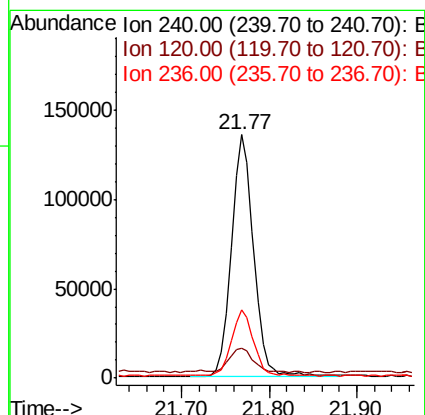
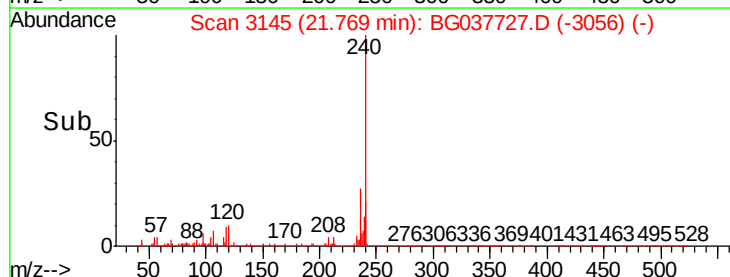


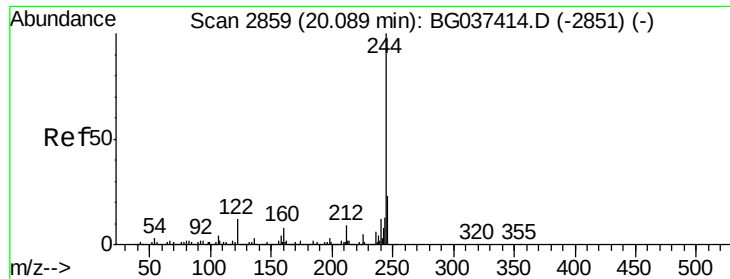
Abundance

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: 88.291 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

Instrument :

BNA_G

ClientSampleId :

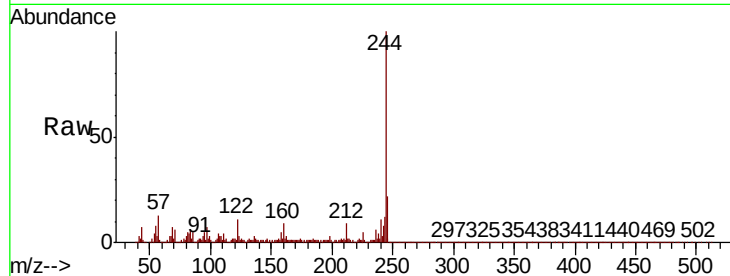
Tot Ion:244 Resp: 965882

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

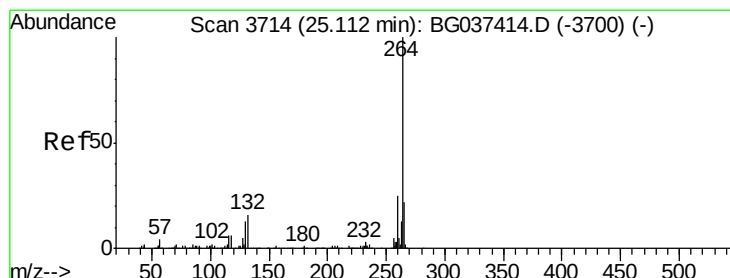
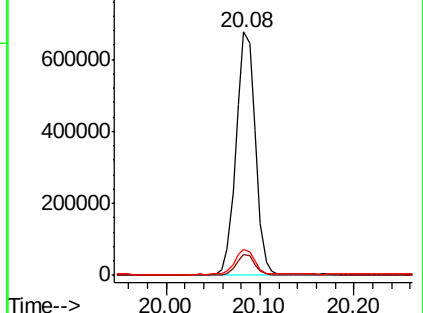
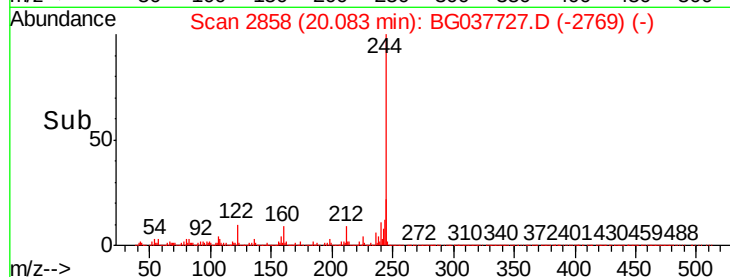
122 10.8 9.0 13.4



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: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037727.D

Acq: 1 Nov 2018 20:29

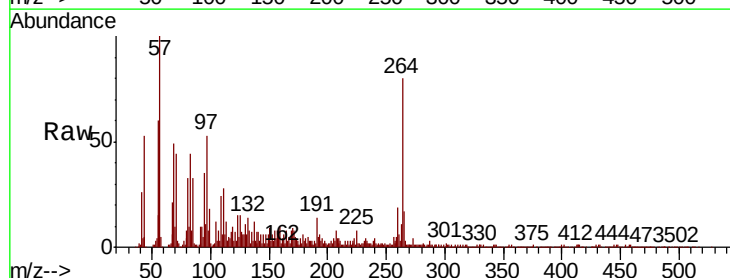
Tgt Ion:264 Resp: 235792

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.7 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

