

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
 Data File : BG037185.D
 Acq On : 5 Oct 2018 11:55
 Operator : JU/SJ
 Sample : J5219-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 13:12:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

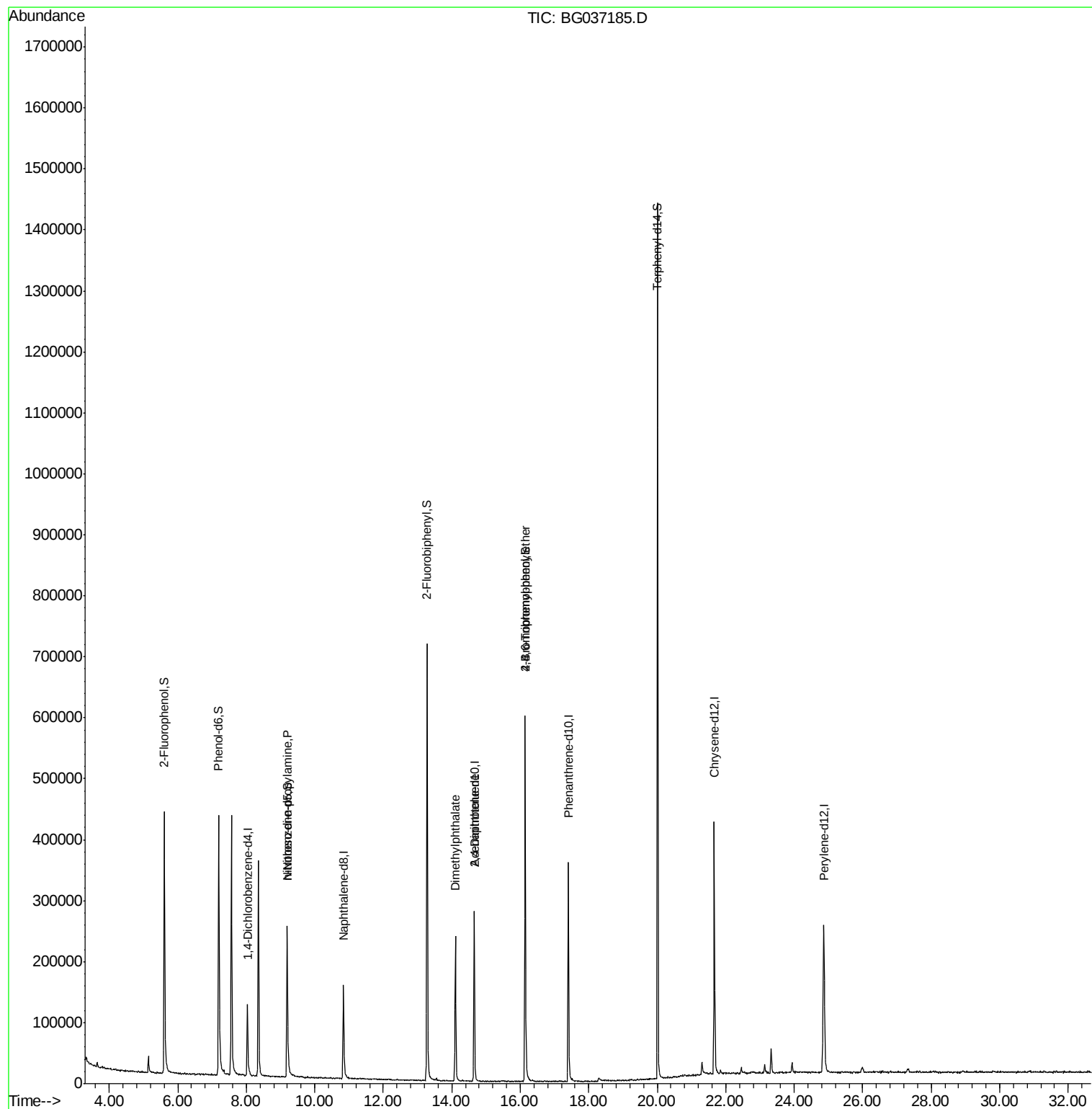
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	40243	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	162950	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	104246	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	265426	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	276429	20.00	ng	-0.02
86) Perylene-d12	24.86	264	265899	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	213286	101.64	ng	-0.01
7) Phenol-d6	7.19	99	294790	90.80	ng	-0.02
23) Nitrobenzene-d5	9.19	82	196943	64.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	114223	91.58	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	413419	59.07	ng	-0.02
78) Terphenyl-d14	20.01	244	709107	67.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	24880	9.212	ng	# 75
49) Dimethylphthalate	14.10	163	176723	21.061	ng	# 98
56) 2,4-Dinitrotoluene	14.65	165	12743	4.988	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	7508	2.487	ng	# 1

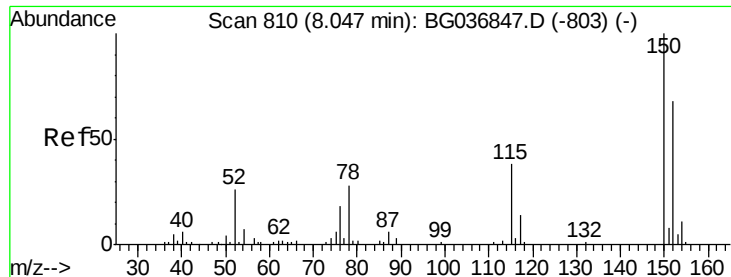
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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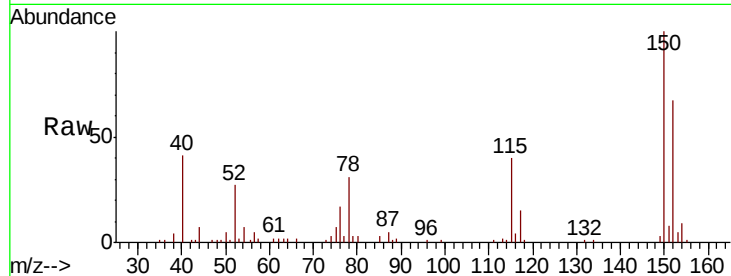


#1

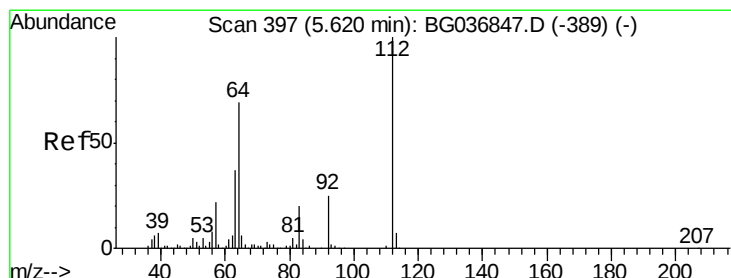
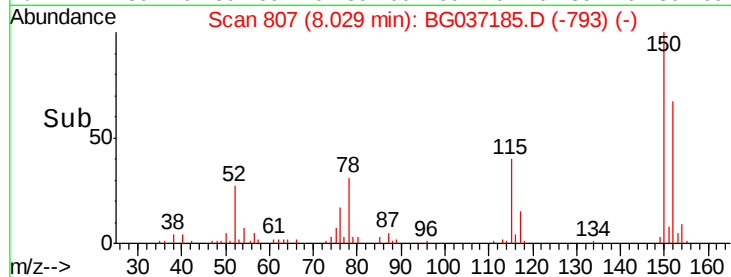
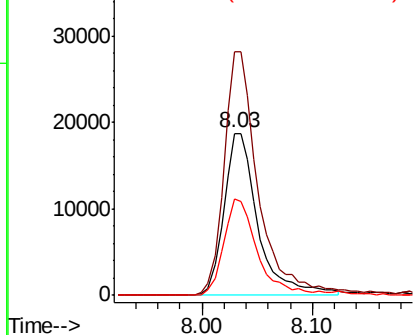
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40243
Ion Ratio Lower Upper
152 100
150 150.3 119.5 179.3
115 59.7 44.5 66.7



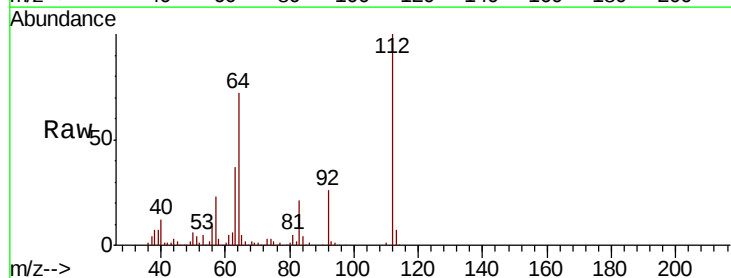
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



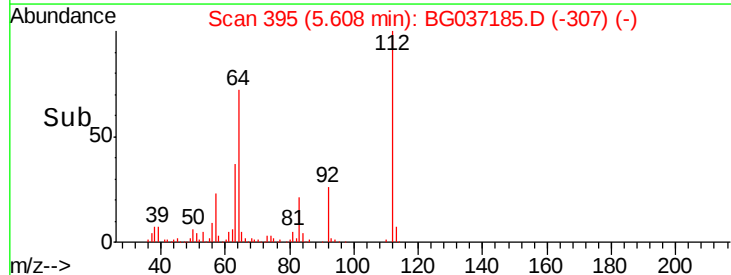
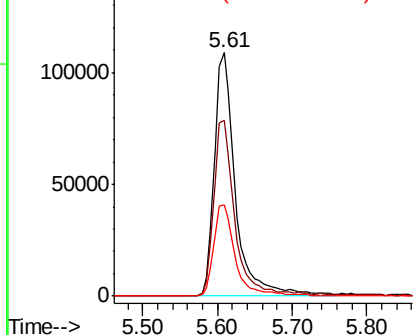
#5

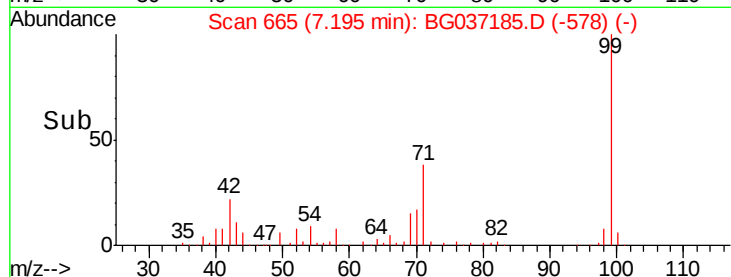
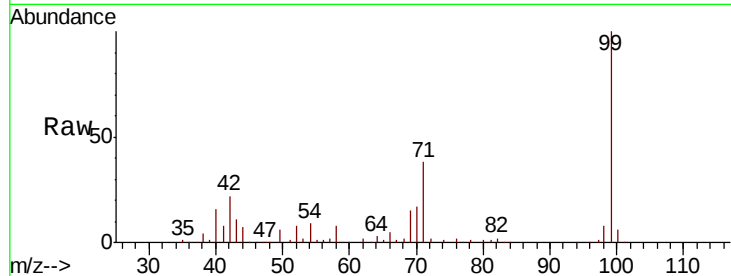
2-Fluorophenol
Concen: 101.642 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Tgt Ion:112 Resp: 213286
Ion Ratio Lower Upper
112 100
64 72.1 57.2 85.8
63 37.5 30.8 46.2



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

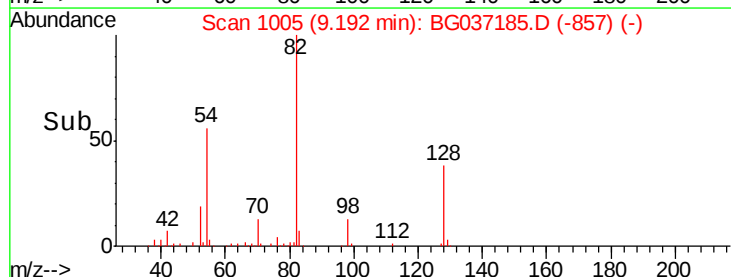
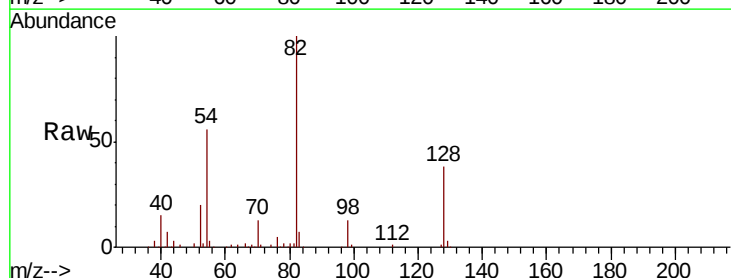
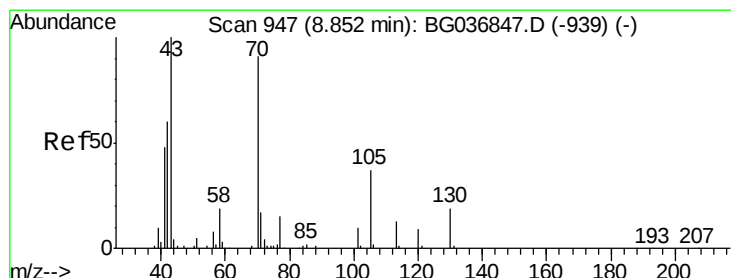
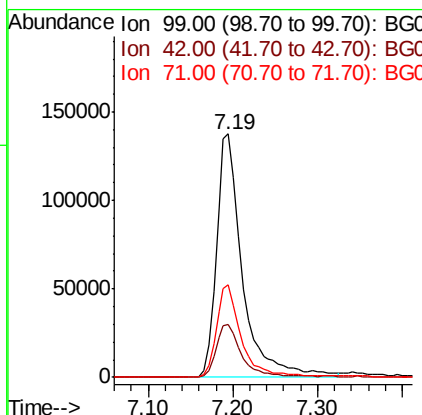




#7
Phenol-d6
Concen: 90.800 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.02 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

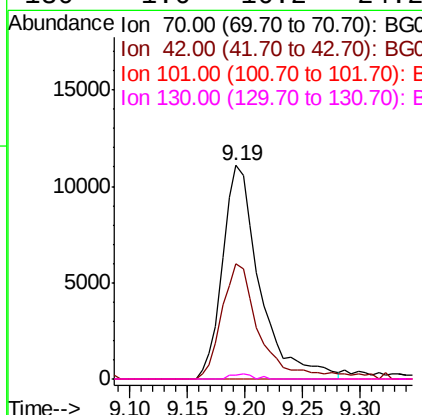
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
99	100			
42	21.7	16.5	24.7	
71	38.1	29.4	44.2	



#19
n-Nitroso-di-n-propylamine
Concen: 9.212 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.34 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.9	56.2	84.4#	
101	0.0	7.8	11.6#	
130	1.6	16.2	24.2#	

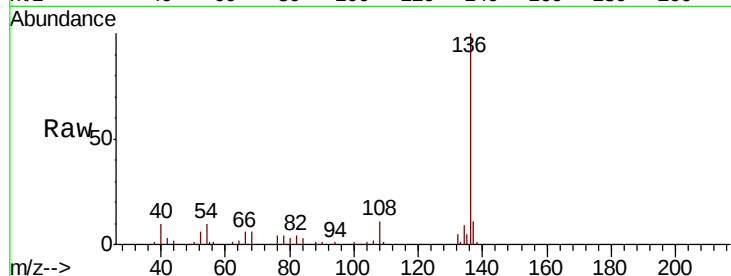




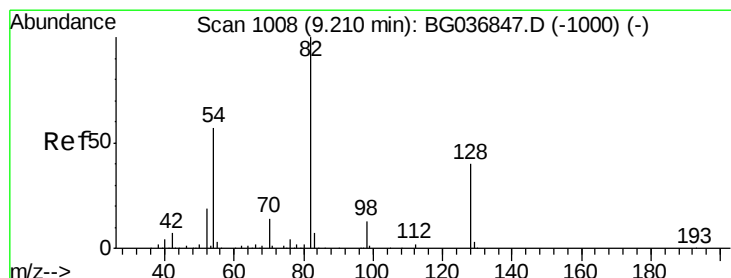
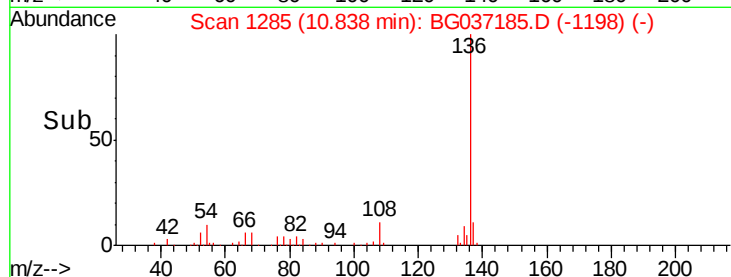
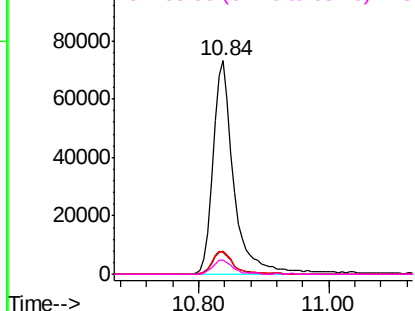
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	162950
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 10.0	9.2	13.8
68 6.5	5.8	8.6

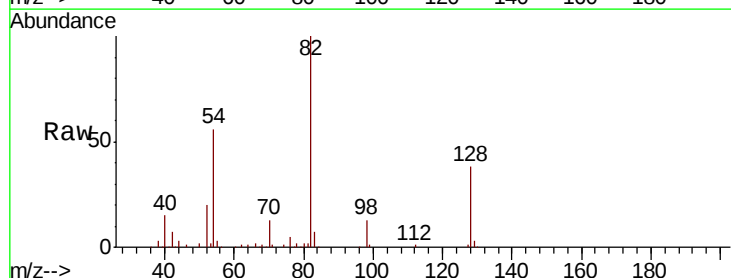


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

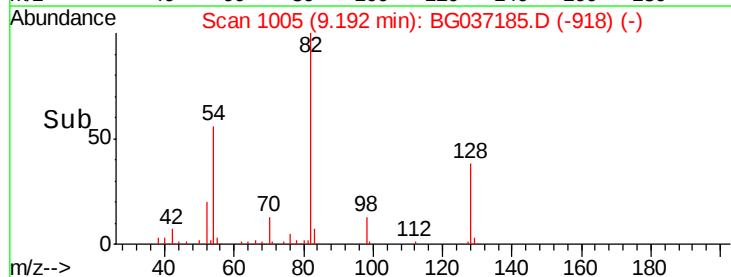
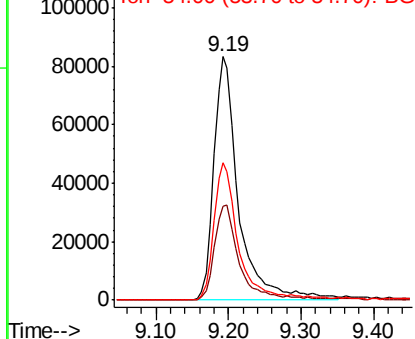


#23
Nitrobenzene-d5
Concen: 64.722 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Tgt Ion: 82	Resp: 196943
Ion Ratio	Lower Upper
82 100	
128 38.4	33.3 49.9
54 56.5	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037185.D

Acq: 5 Oct 2018 11:55

Instrument :

BNA_G

ClientSampleId :

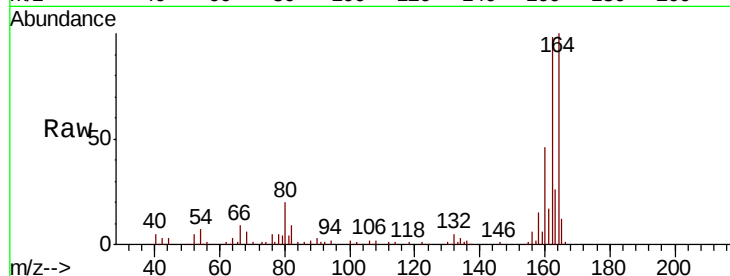
Tot Ion:164 Resp: 104246

Ion Ratio Lower Upper

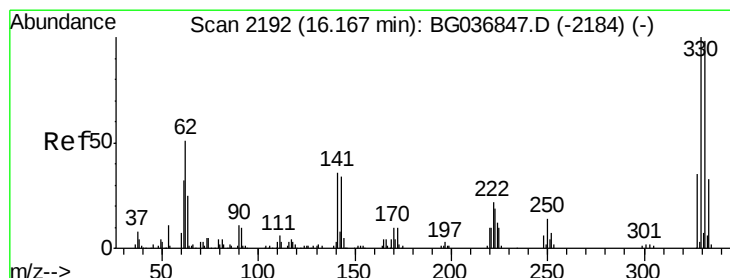
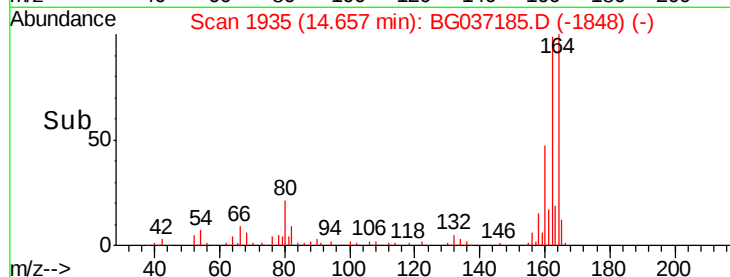
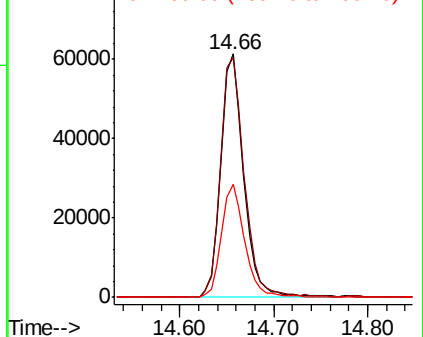
164 100

162 98.3 80.7 121.1

160 46.2 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 91.581 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037185.D

Acq: 5 Oct 2018 11:55

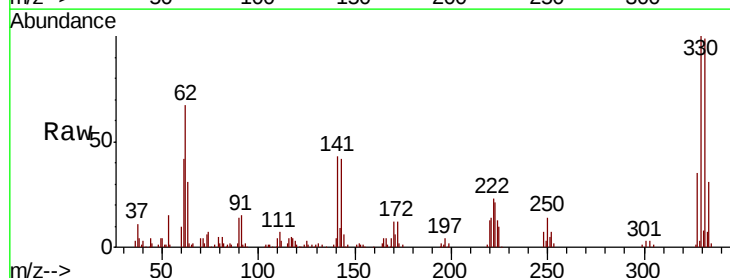
Tgt Ion:330 Resp: 114223

Ion Ratio Lower Upper

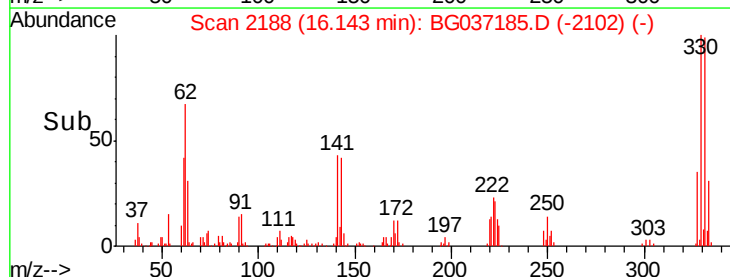
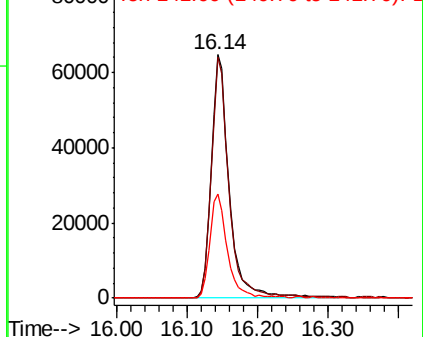
330 100

332 96.7 75.4 113.2

141 41.9 30.7 46.1



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

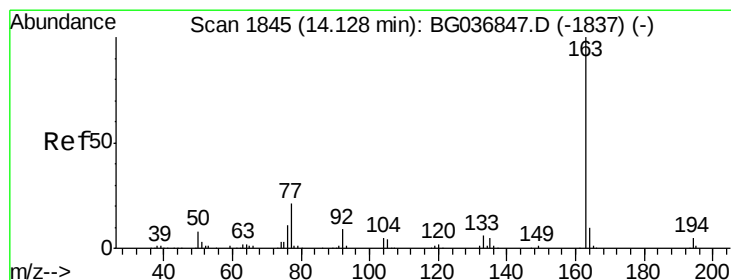
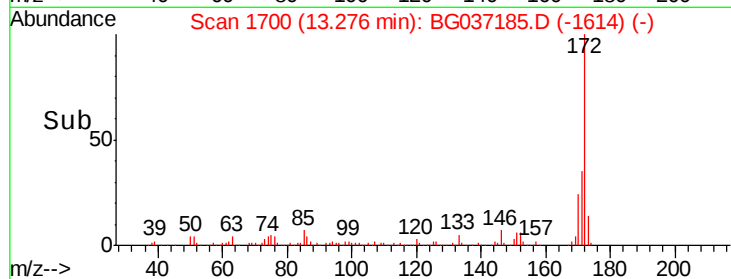
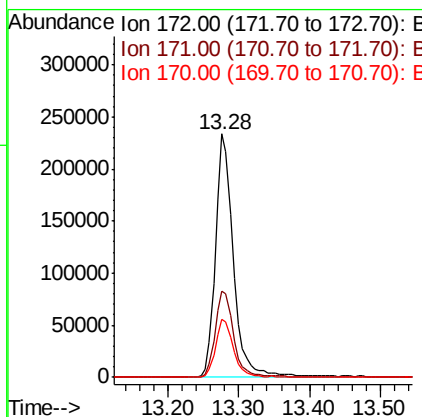
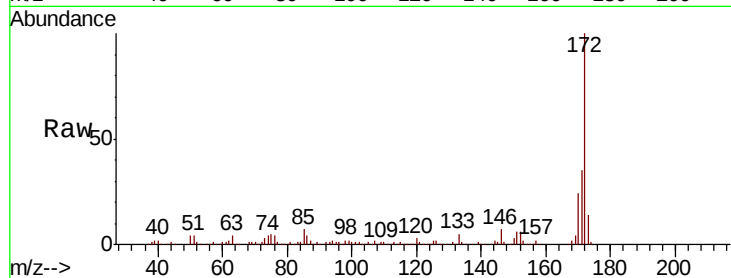




#44
2-Fluorobiphenyl
Concen: 59.066 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.02 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

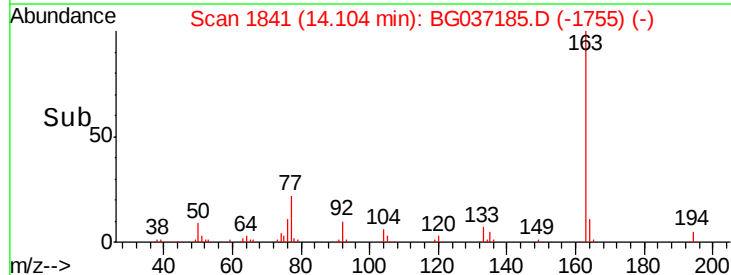
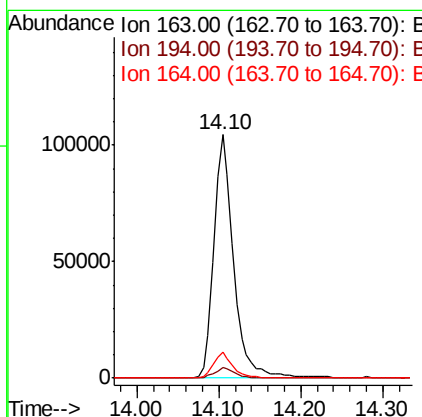
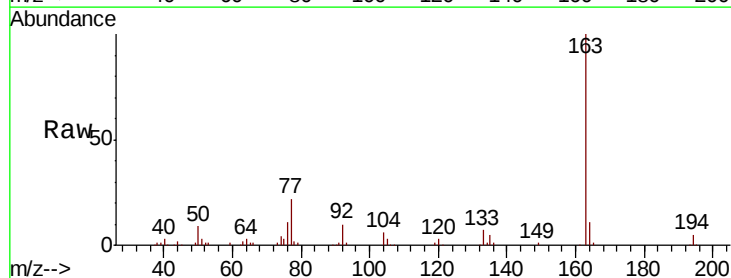
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 413419
Ion Ratio Lower Upper
172 100
171 35.5 31.3 46.9
170 23.9 21.0 31.6



#49
Dimethylphthalate
Concen: 21.061 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Tgt Ion:163 Resp: 176723
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.7 8.1 12.1

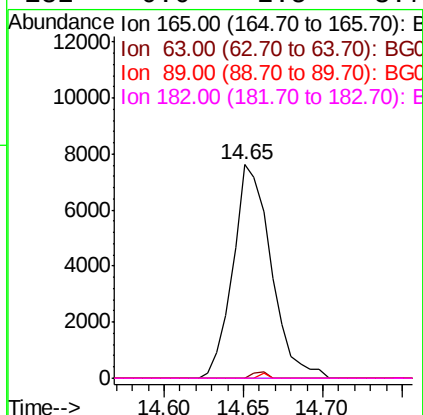
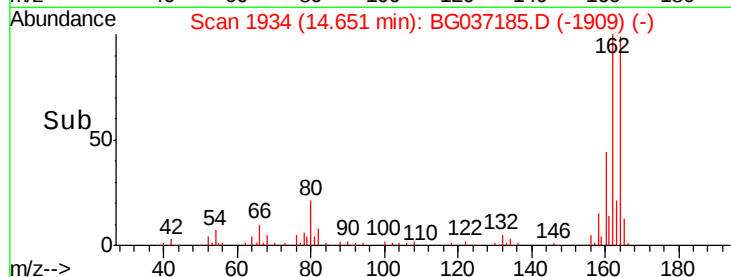
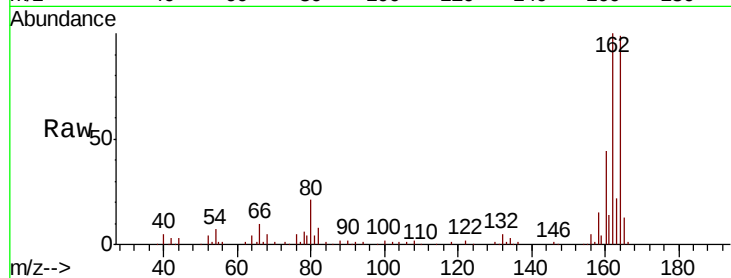




#56
 2,4-Dinitrotoluene
 Concen: 4.988 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.38 min
 Lab File: BG037185.D
 Acq: 5 Oct 2018 11:55

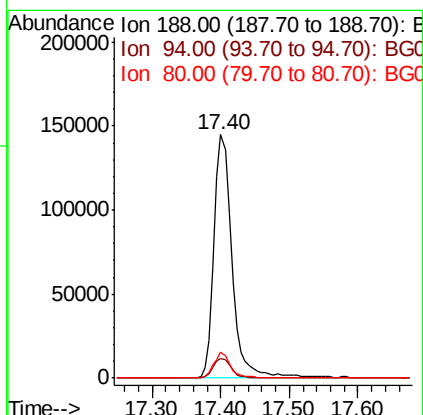
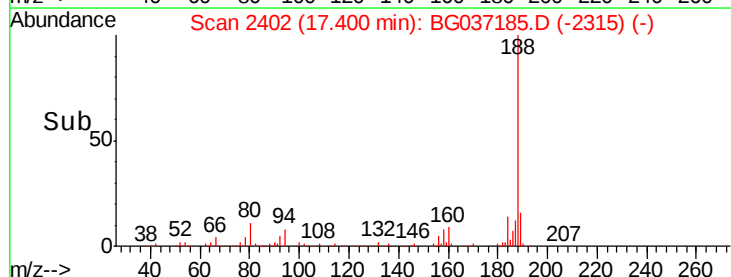
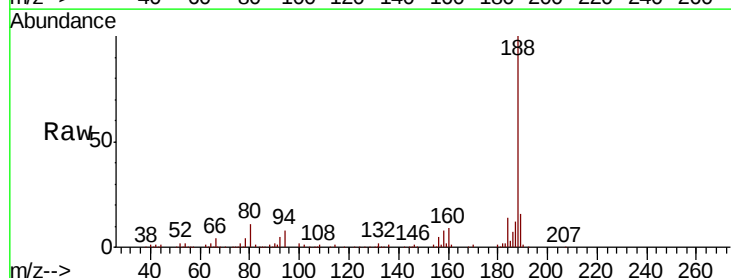
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp: 12743
Ion Ratio	Lower Upper
165 100	
63 0.0	40.1 60.1#
89 0.0	63.7 95.5#
182 0.0	2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037185.D
 Acq: 5 Oct 2018 11:55

Tgt Ion	188	Resp: Lower	265426 Upper
	Ratio		
188	100		
94	8.2	6.7	10.1
80	10.5	8.1	12.1

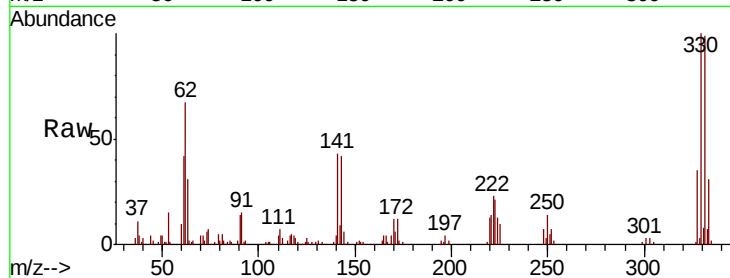




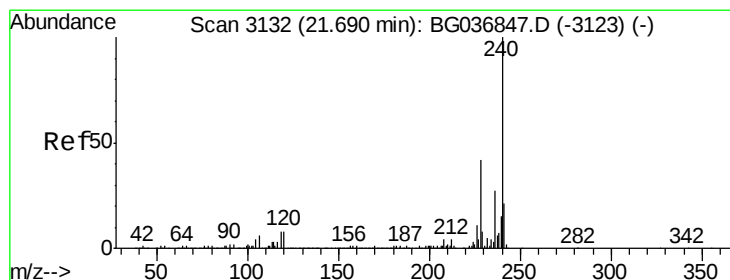
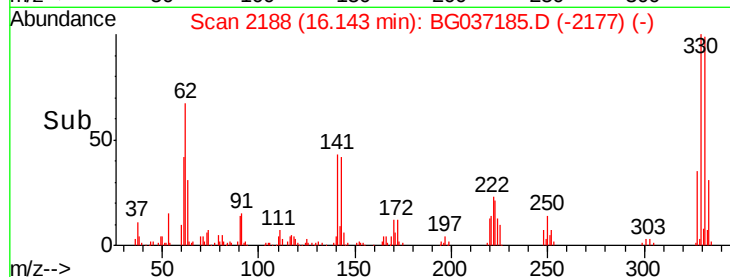
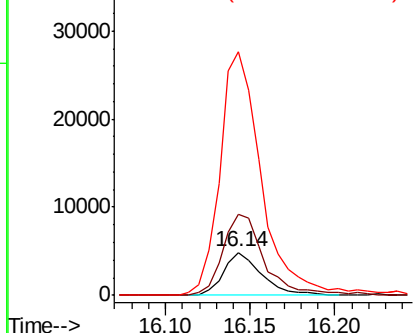
#66
4-Bromophenyl-phenylether
Concen: 2.487 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 7508
Ion Ratio Lower Upper
248 100
250 189.8 78.1 117.1#
141 570.9 53.7 80.5#

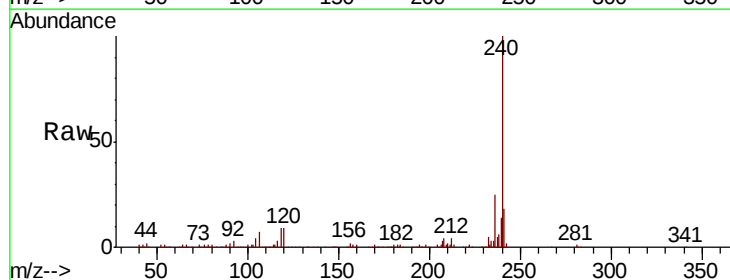


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

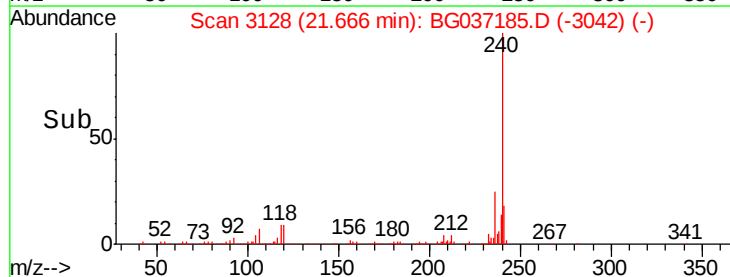
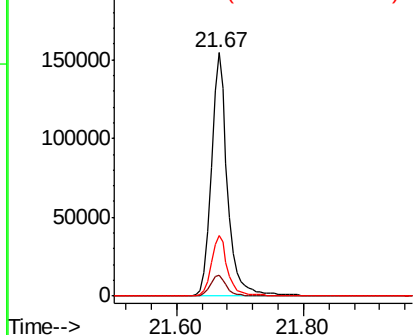


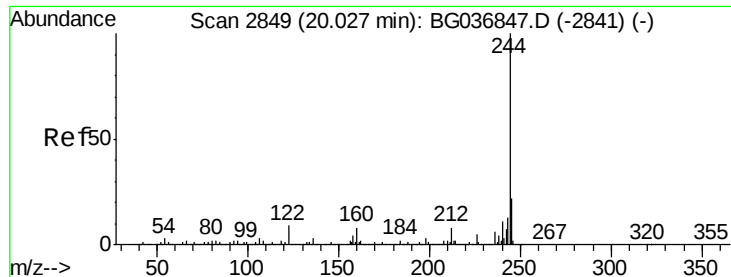
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037185.D
Acq: 5 Oct 2018 11:55

Tgt Ion:240 Resp: 276429
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.0 21.2 31.8



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





#78

Terphenyl-d14

Concen: 67.453 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037185.D

Acq: 5 Oct 2018 11:55

Instrument :

BNA_G

ClientSampleId :

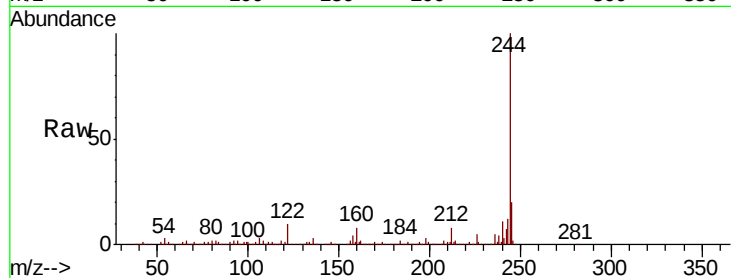
Tot Ion:244 Resp: 709107

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.6
122	9.6	7.1	10.7

244 100

212 7.8 7.0 10.6

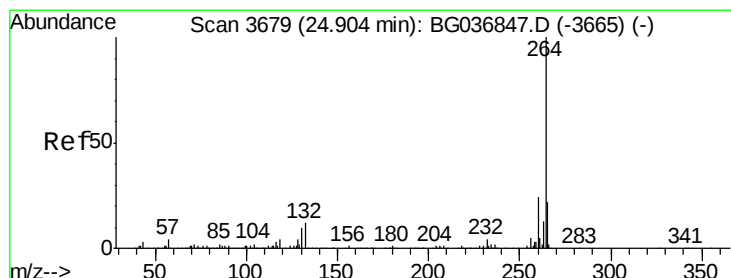
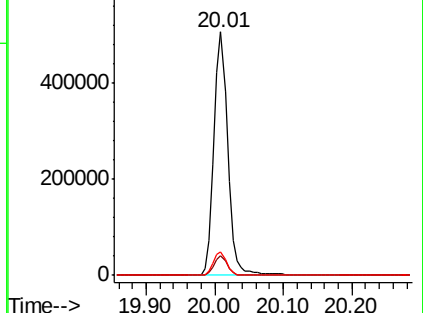
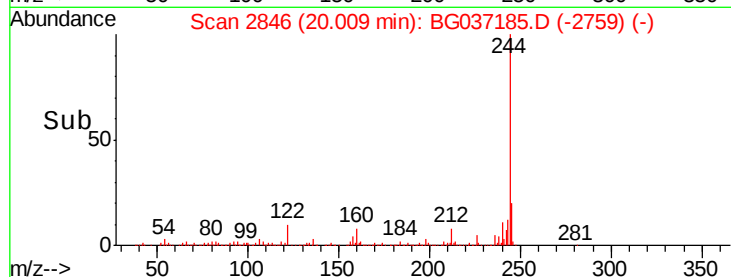
122 9.6 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.04 min

Lab File: BG037185.D

Acq: 5 Oct 2018 11:55

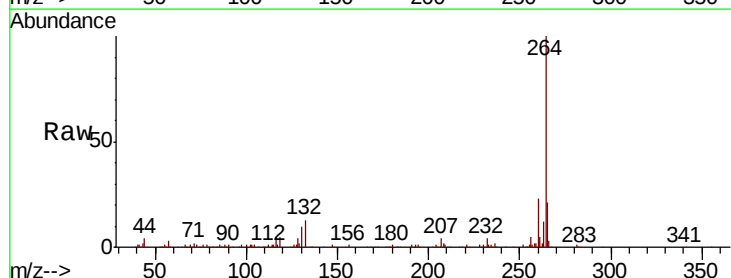
Tgt Ion:264 Resp: 265899

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	20.5	17.4	26.0

264 100

260 23.3 19.6 29.4

265 20.5 17.4 26.0



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

