

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037135.D
 Acq On : 3 Oct 2018 16:06
 Operator : JU/SJ
 Sample : J5212-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:59:49 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

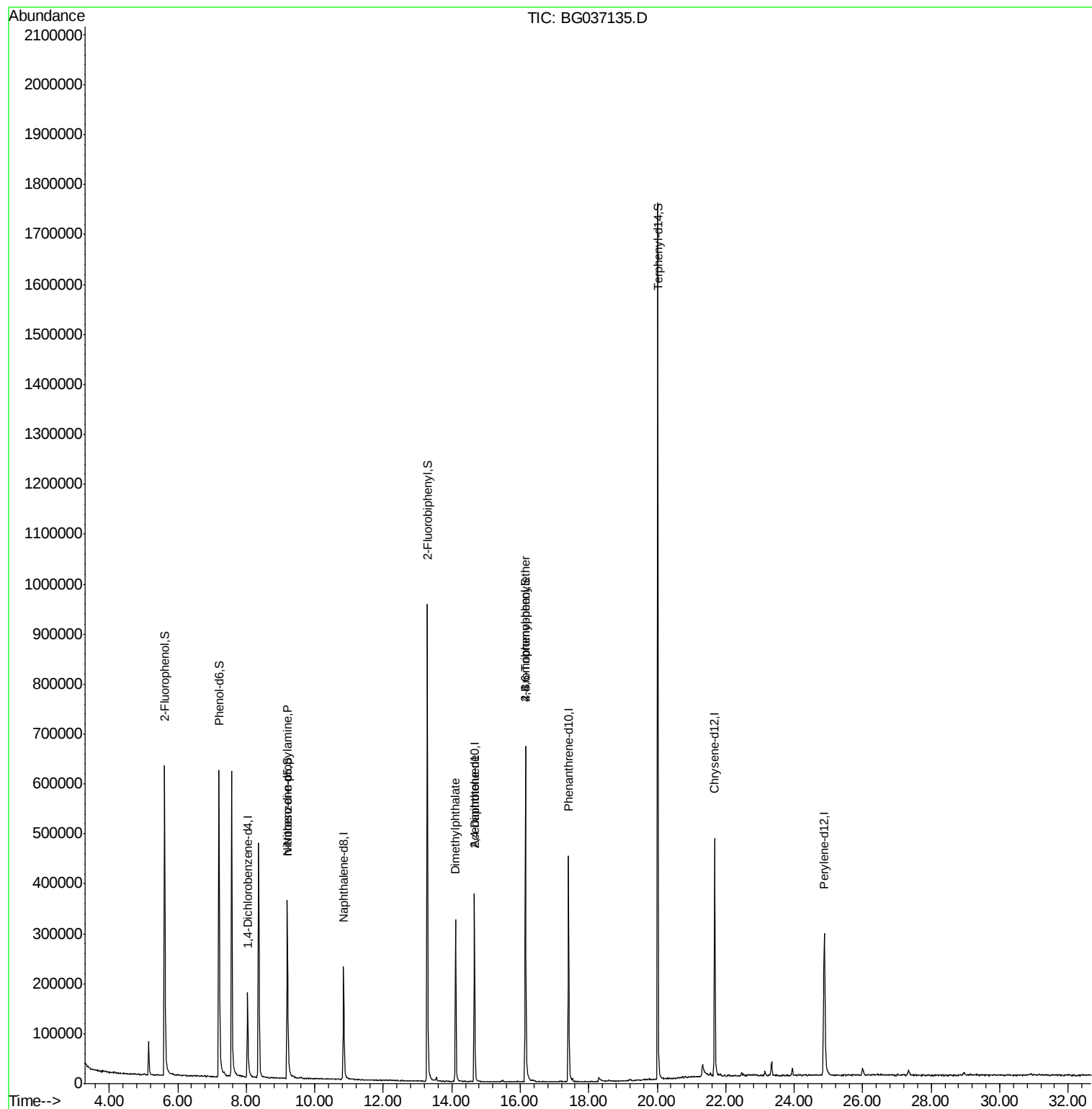
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54959	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	230544	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	140106	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	335724	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	336264	20.00	ng	-0.02
86) Perylene-d12	24.88	264	336452	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	302048	105.40	ng	0.00
7) Phenol-d6	7.20	99	412347	93.00	ng	-0.01
23) Nitrobenzene-d5	9.20	82	278898	64.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	138696	82.74	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	568752	60.46	ng	-0.01
78) Terphenyl-d14	20.01	244	872234	68.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	36393	9.867	ng	# 71
49) Dimethylphthalate	14.11	163	239965	21.278	ng	# 99
56) 2,4-Dinitrotoluene	14.66	165	17603	5.127	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	9423	2.468	ng	# 1

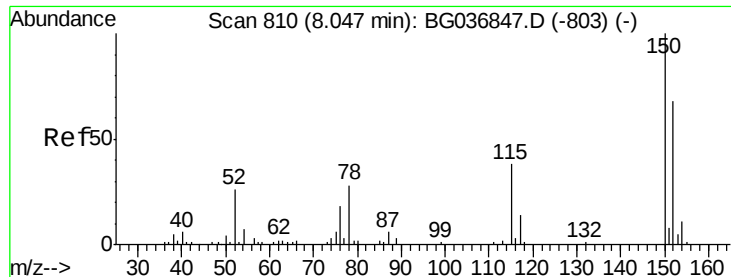
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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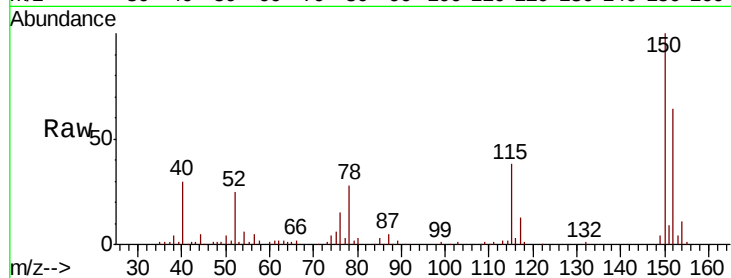


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	119.5	179.3
115	59.3	44.5	66.7

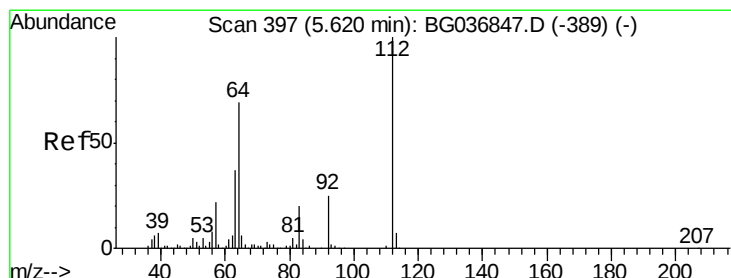
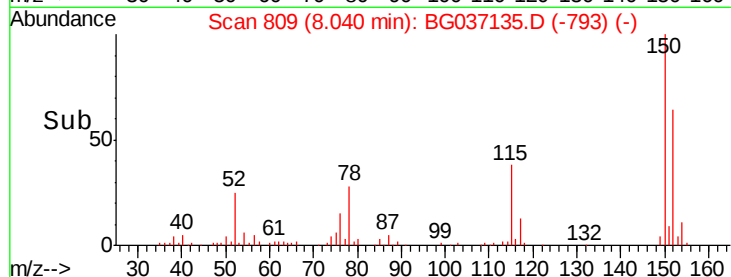
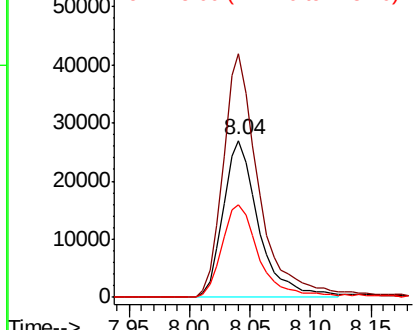


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

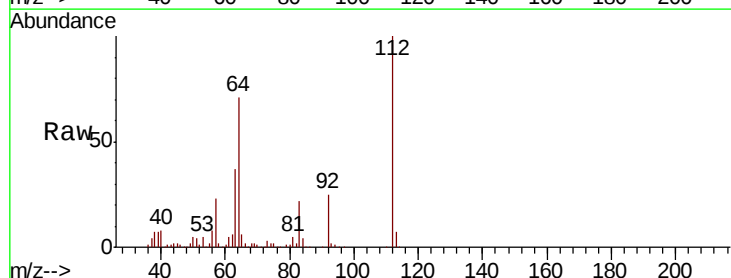
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.399 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	37.1	30.8	46.2

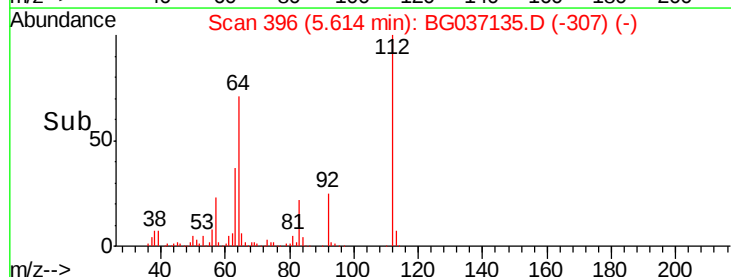
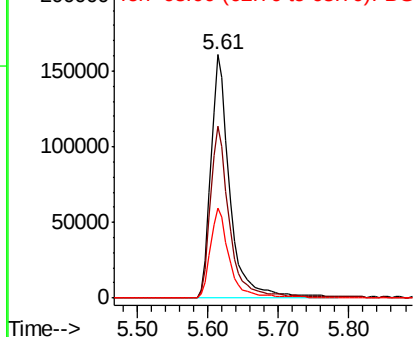


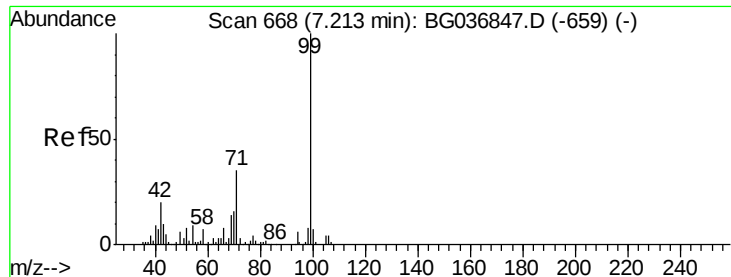
Abundance

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: 93.001 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Instrument :

BNA_F

ClientSampleId :

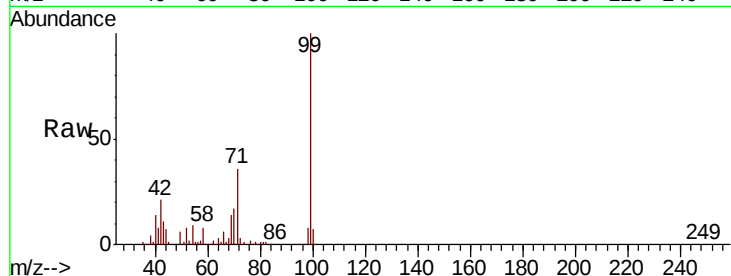
Tot Ion: 99 Resp: 412347

Ion Ratio Lower Upper

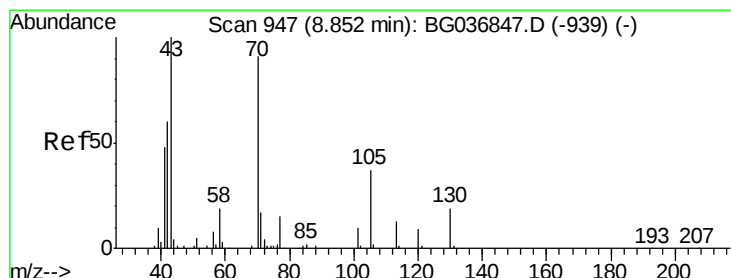
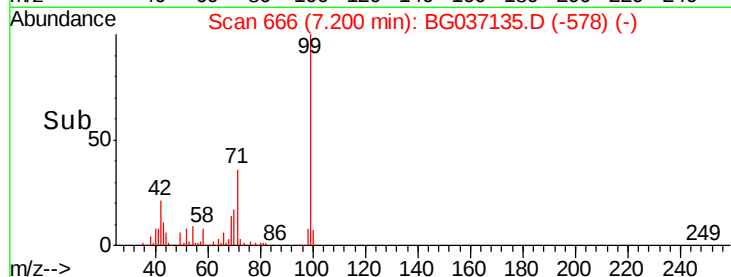
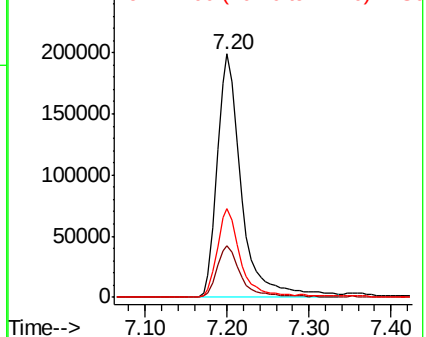
99 100

42 21.3 16.5 24.7

71 36.4 29.4 44.2



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: 9.867 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Tgt Ion: 70 Resp: 36393

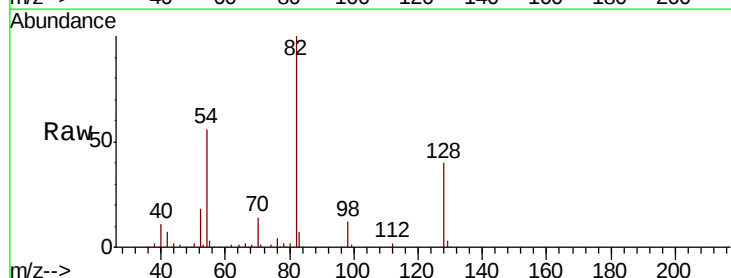
Ion Ratio Lower Upper

70 100

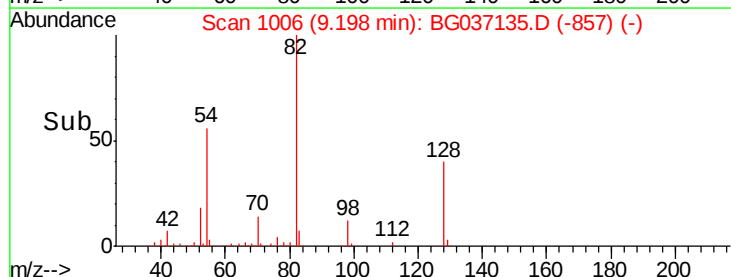
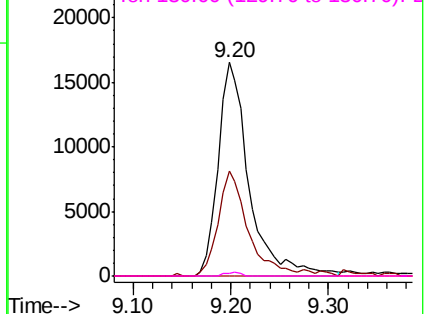
42 49.0 56.2 84.4#

101 0.0 7.8 11.6#

130 1.3 16.2 24.2#



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

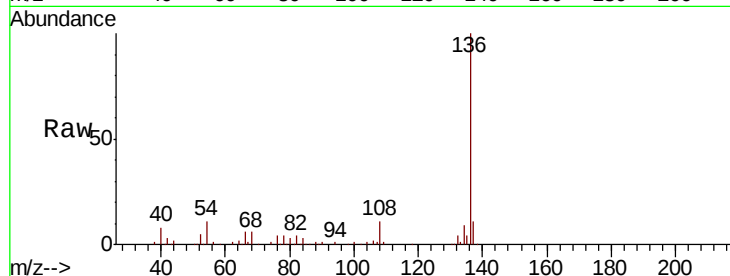




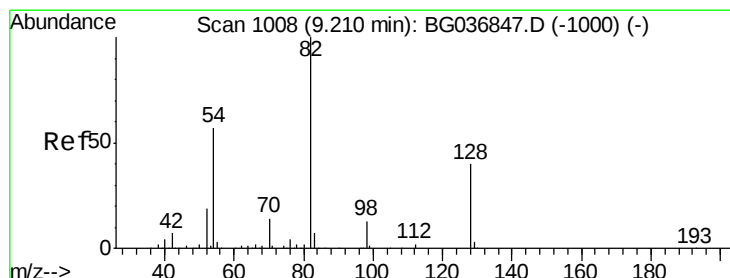
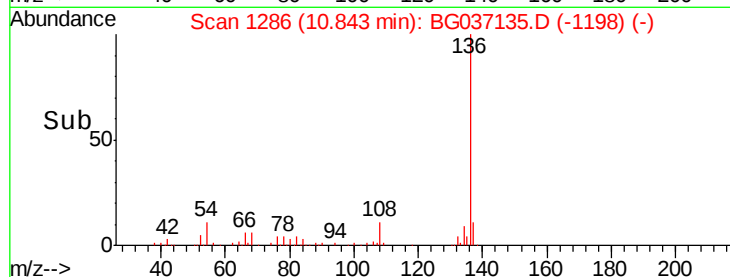
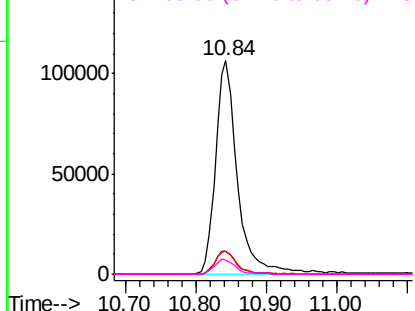
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	230544	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.8	13.2	
54 10.6	9.2	13.8	
68 6.4	5.8	8.6	

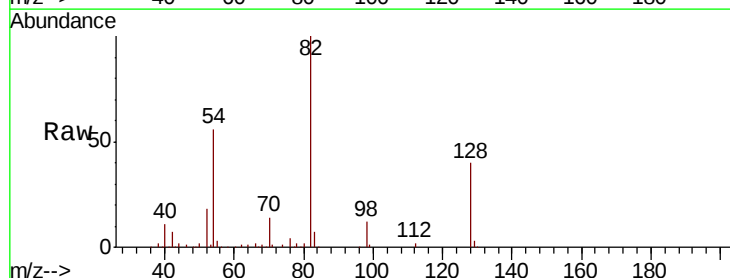


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

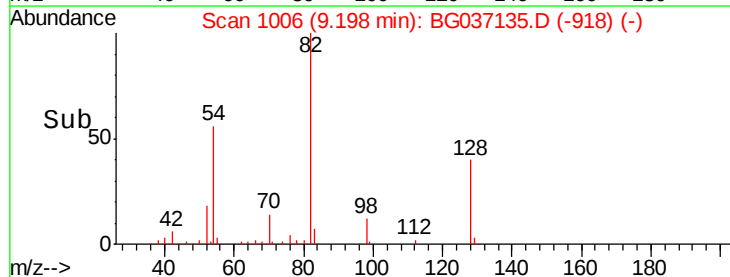
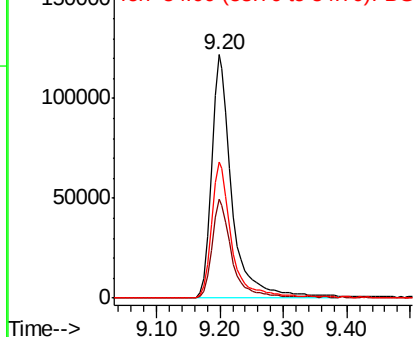


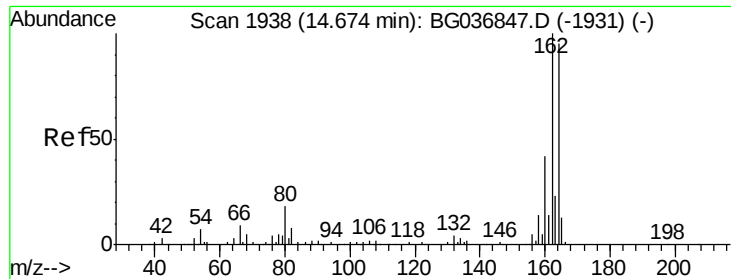
#23
Nitrobenzene-d5
Concen: 64.783 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Tgt Ion: 82	Resp: 278898
Ion Ratio	Lower Upper
82 100	
128 40.4	33.3 49.9
54 55.9	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# 1936

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Instrument :

BNA_F

ClientSampleId :

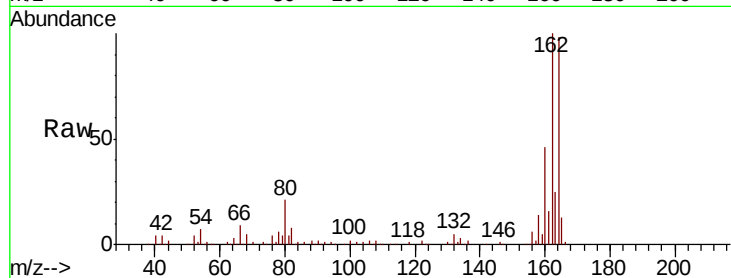
Tot Ion:164 Resp: 140106

Ion Ratio Lower Upper

164 100

162 101.6 80.7 121.1

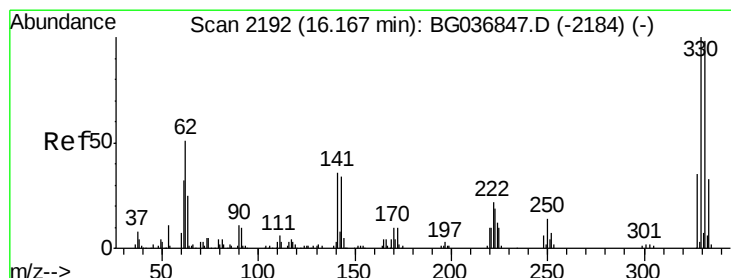
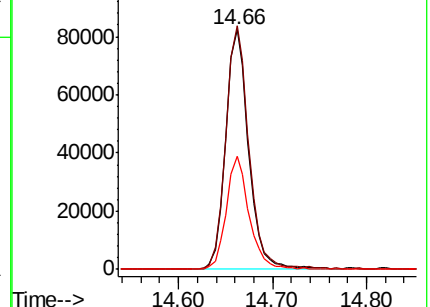
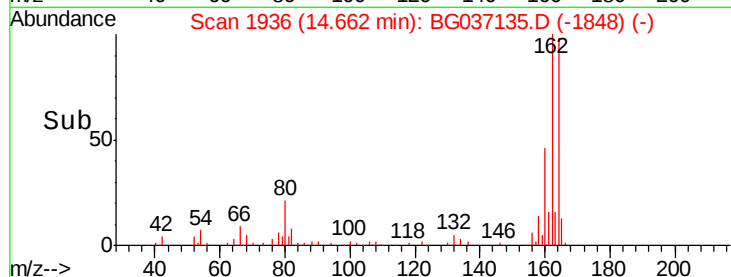
160 47.0 35.3 52.9



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: 82.740 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

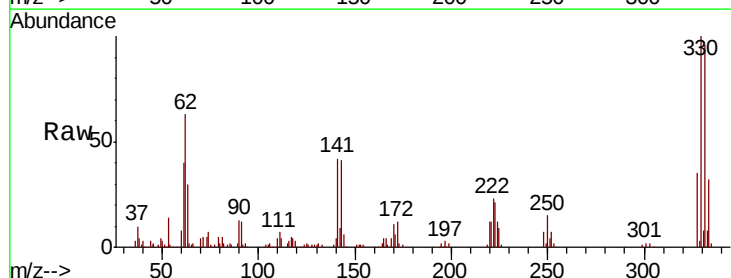
Tgt Ion:330 Resp: 138696

Ion Ratio Lower Upper

330 100

332 97.0 75.4 113.2

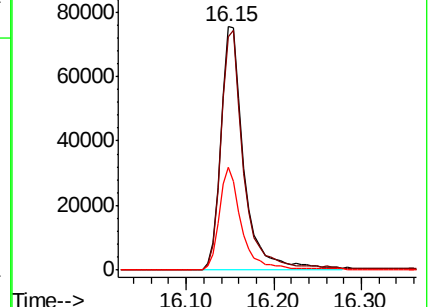
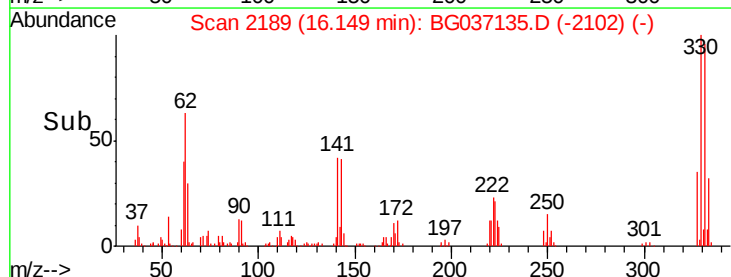
141 39.8 30.7 46.1



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

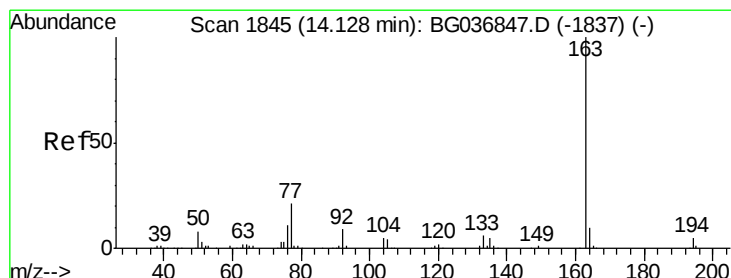
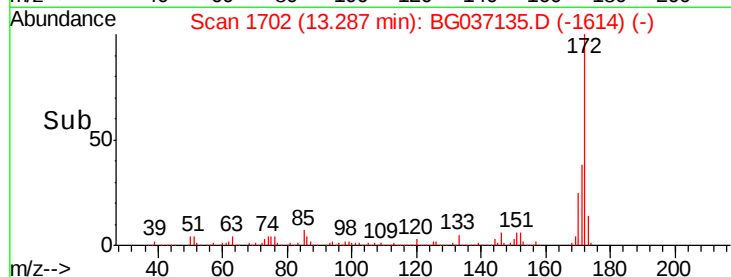
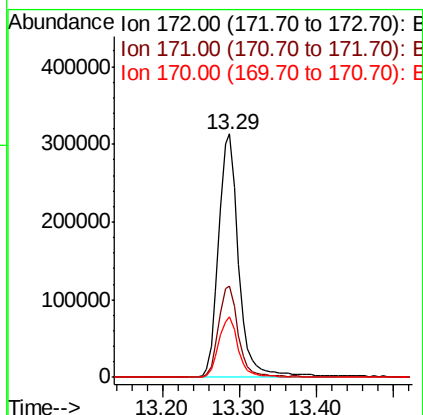
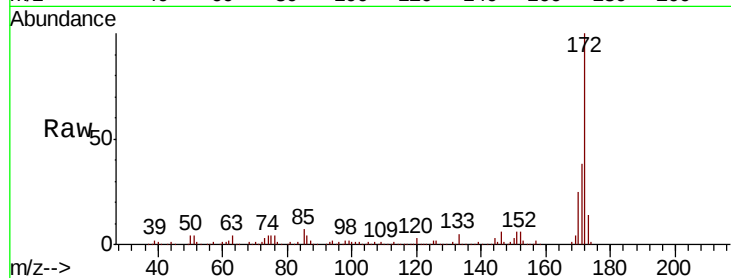




#44
2-Fluorobiphenyl
Concen: 60.461 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

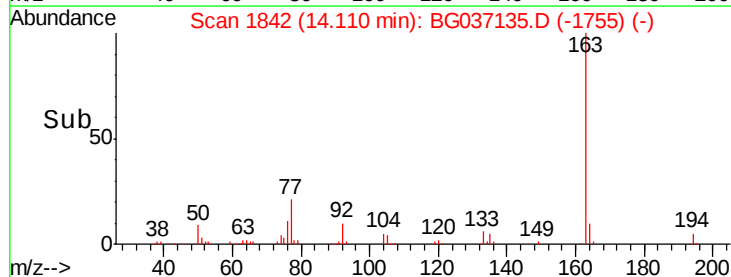
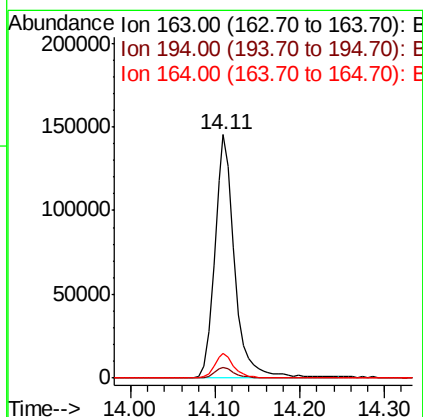
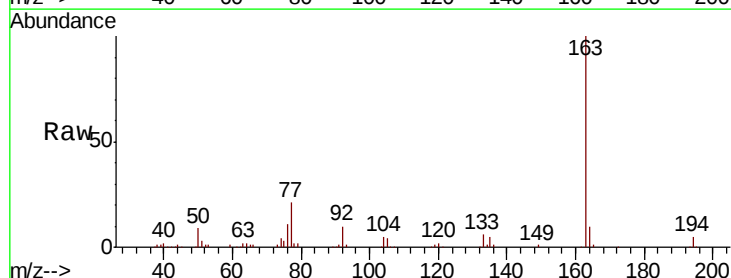
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 568752
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 25.1 21.0 31.6



#49
Dimethylphthalate
Concen: 21.278 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Tgt Ion:163 Resp: 239965
Ion Ratio Lower Upper
163 100
194 4.6 4.0 6.0
164 10.4 8.1 12.1

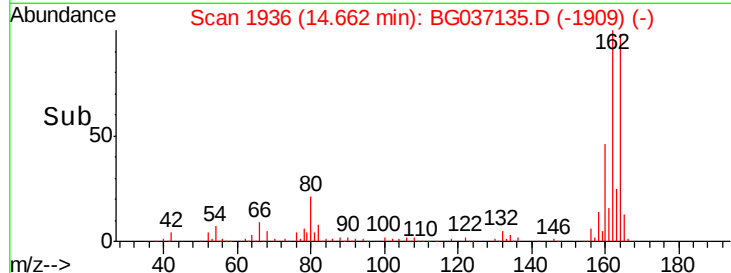
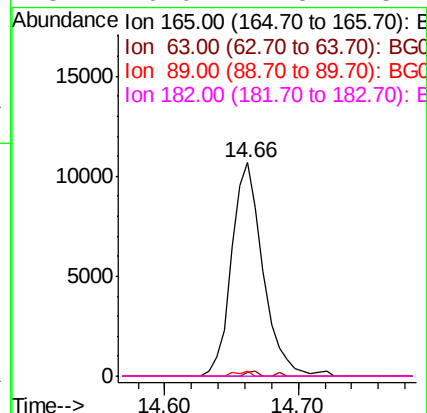
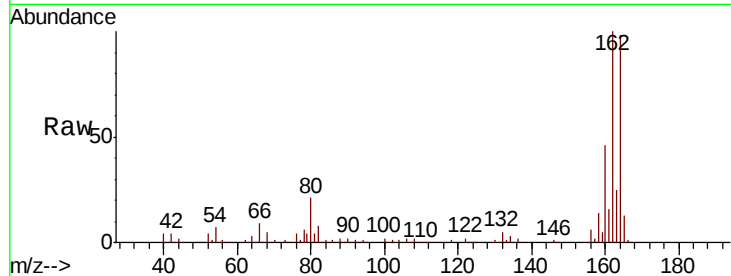




#56
 2,4-Dinitrotoluene
 Concen: 5.127 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037135.D
 Acq: 3 Oct 2018 16:06

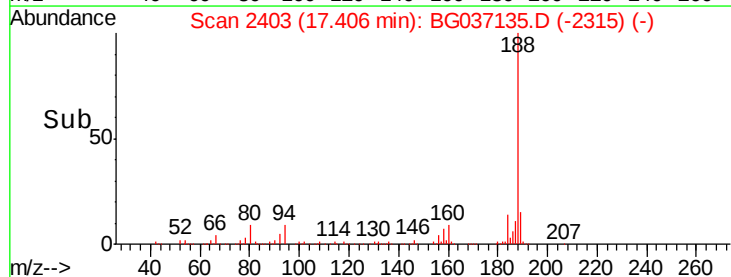
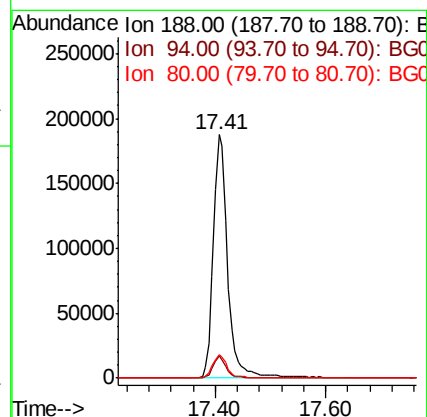
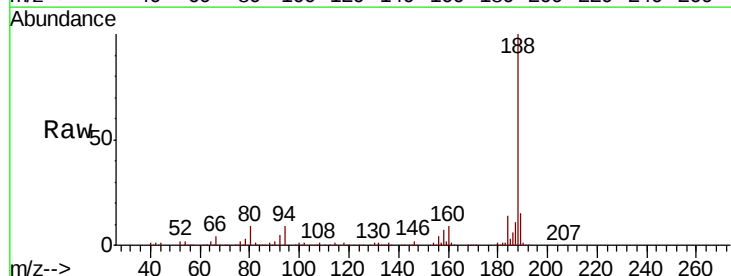
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp: 17603
Ion Ratio	Lower Upper
165 100	
63 1.7	40.1 60.1#
89 2.6	63.7 95.5#
182 0.0	2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037135.D
 Acq: 3 Oct 2018 16:06

Tgt	Ion:188	Resp:	335724
Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.7	10.1
80	9.4	8.1	12.1

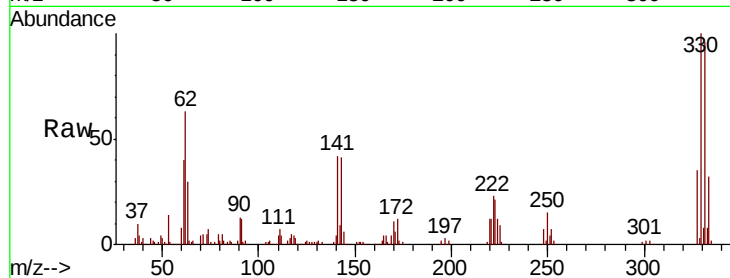




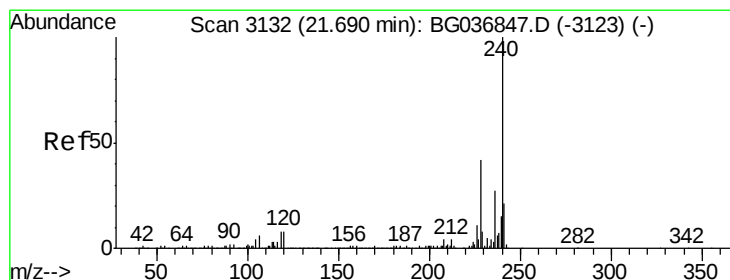
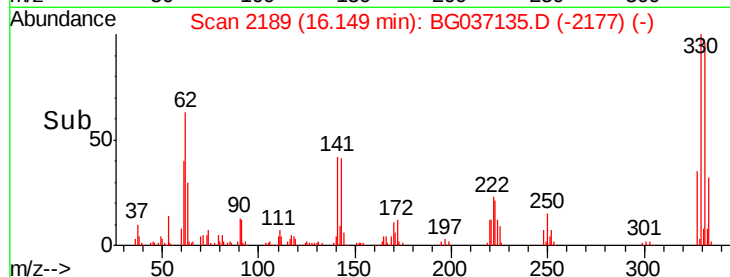
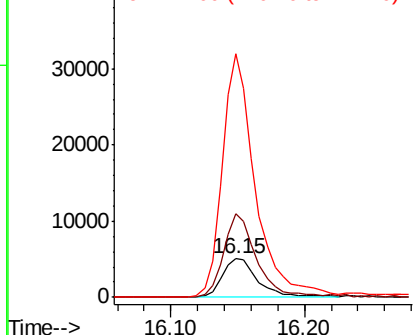
#66
4-Bromophenyl-phenylether
Concen: 2.468 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9423
Ion Ratio Lower Upper
248 100
250 216.6 78.1 117.1#
141 631.1 53.7 80.5#

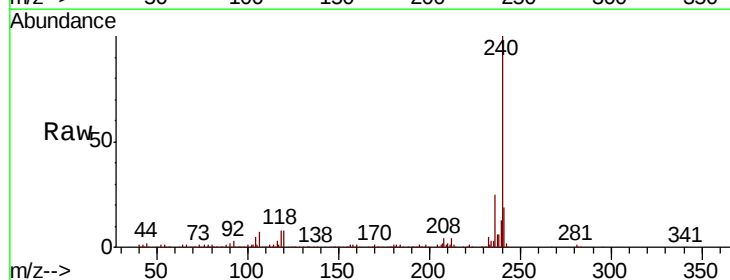


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

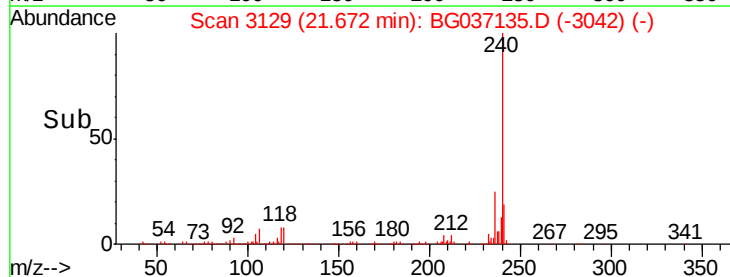
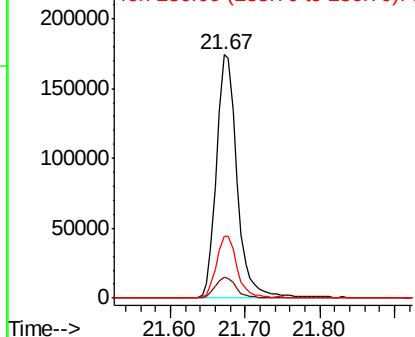


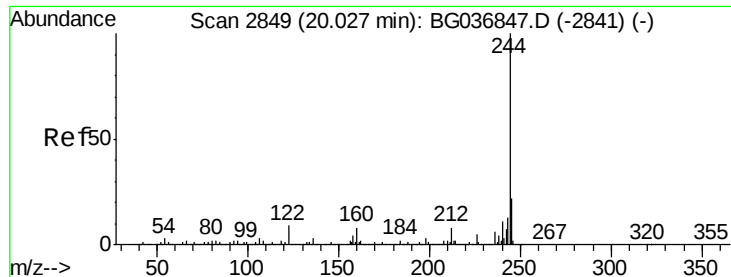
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037135.D
Acq: 3 Oct 2018 16:06

Tgt Ion:240 Resp: 336264
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.4 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: 68.206 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

Instrument :

BNA_F

ClientSampleId :

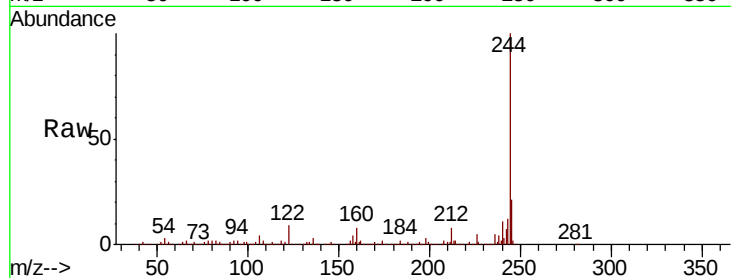
Tot Ion:244 Resp: 872234

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

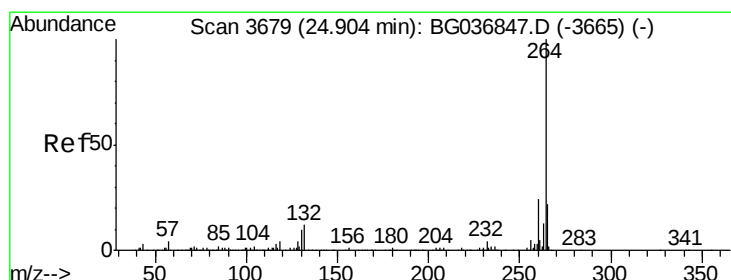
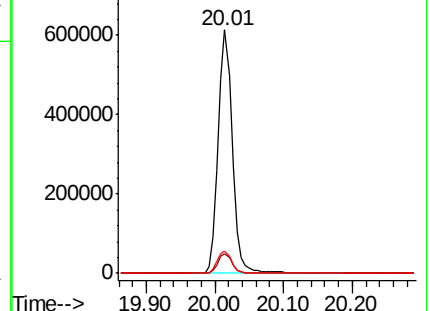
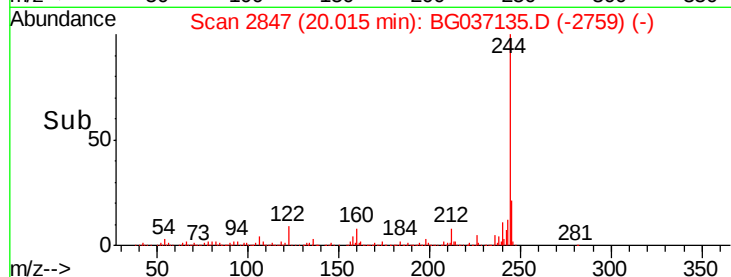
122 9.0 7.1 10.7



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: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037135.D

Acq: 3 Oct 2018 16:06

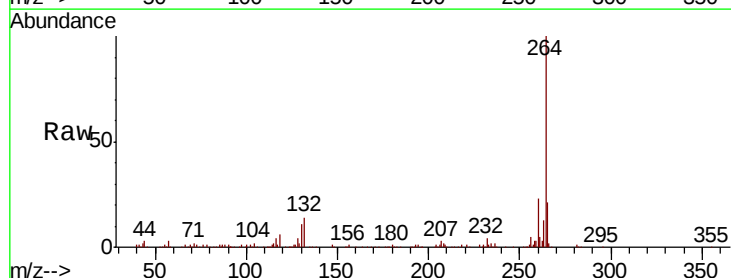
Tgt Ion:264 Resp: 336452

Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 21.5 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

