

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037134.D
 Acq On : 3 Oct 2018 15:27
 Operator : JU/SJ
 Sample : PB113454BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:59:40 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

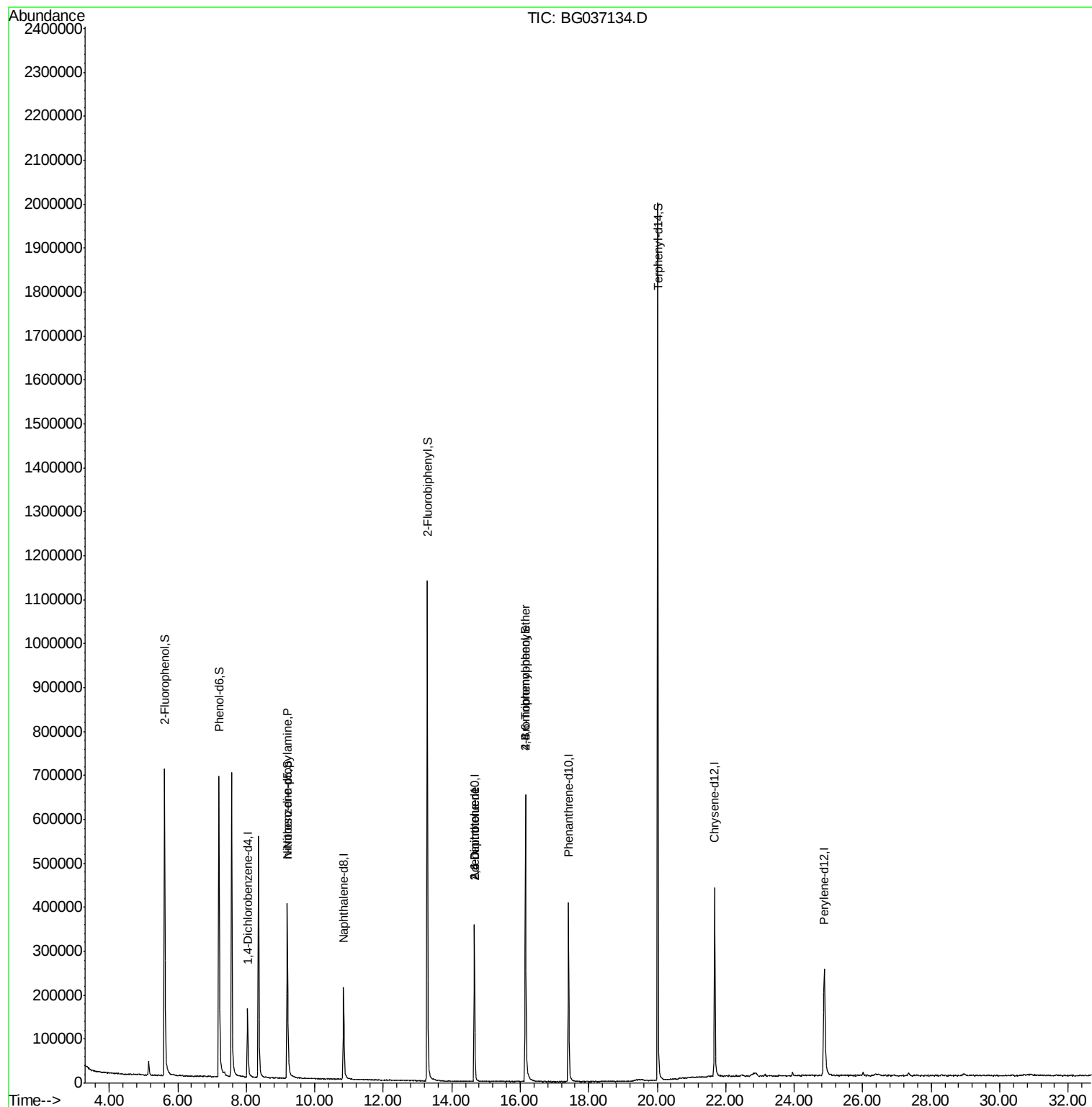
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53266	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	223016	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	132840	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	320925	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	323282	20.00	ng	-0.02
86) Perylene-d12	24.88	264	314856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	345518	124.40	ng	0.00
7) Phenol-d6	7.20	99	464761	108.15	ng	-0.01
23) Nitrobenzene-d5	9.20	82	307549	73.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	145139	91.32	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	674281	75.60	ng	-0.02
78) Terphenyl-d14	20.02	244	1024348	83.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	41662	11.654	ng	# 67
50) 2,6-Dinitrotoluene	14.66	165	16879	7.235	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	16879	5.185	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	9940	2.723	ng	# 1

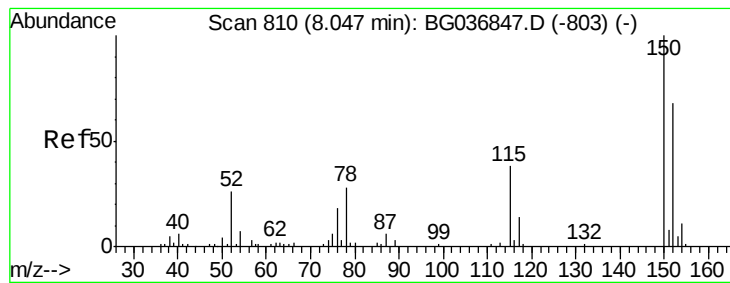
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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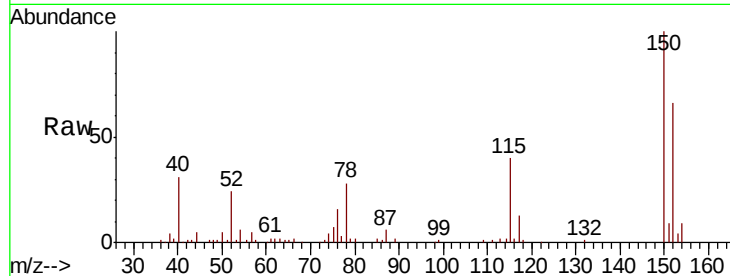


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037134.D
Acq: 3 Oct 2018 15:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	119.5	179.3
115	60.8	44.5	66.7

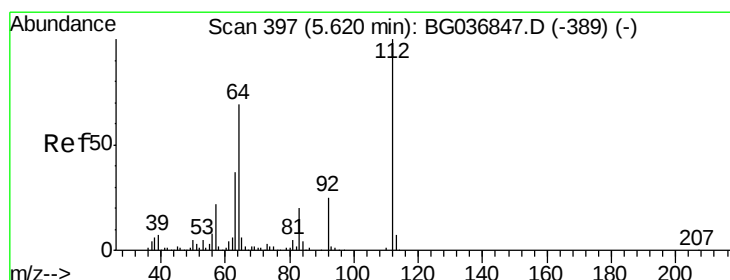
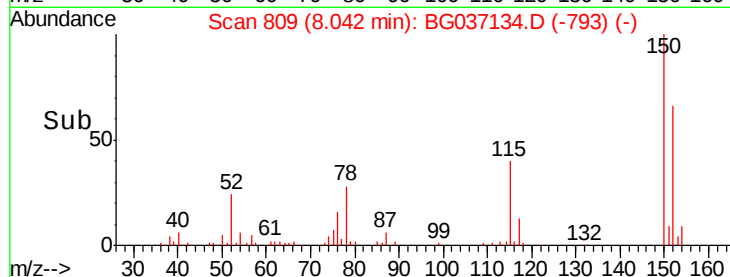
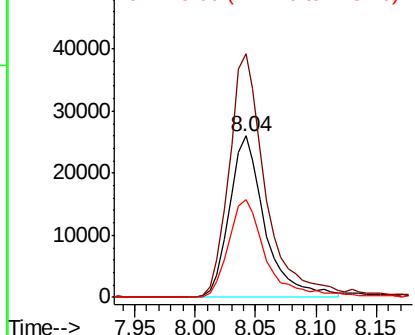


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

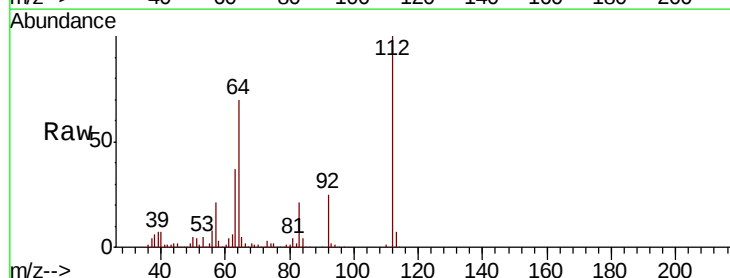
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.400 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037134.D
Acq: 3 Oct 2018 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.2	85.8
63	37.3	30.8	46.2

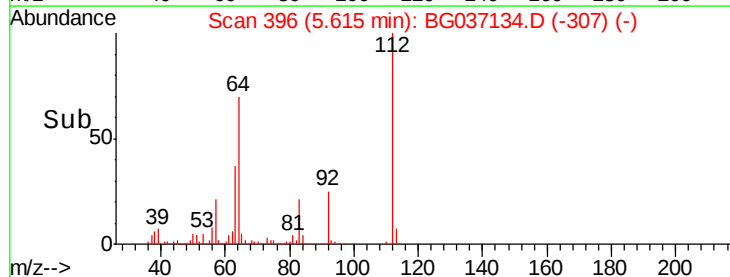
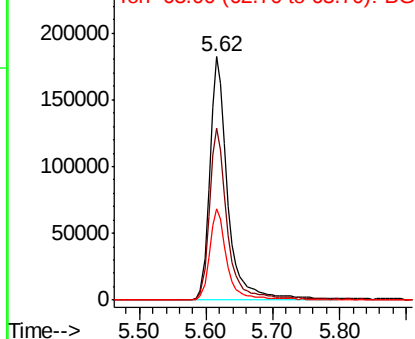


Abundance

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: 108.154 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037134.D

Acq: 3 Oct 2018 15:27

Instrument :

BNA_F

ClientSampleId :

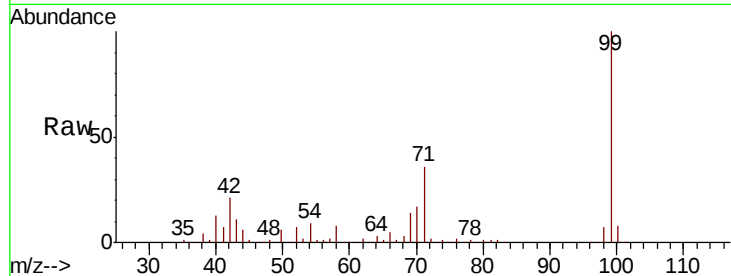
Tot Ion: 99 Resp: 464761

Ion Ratio Lower Upper

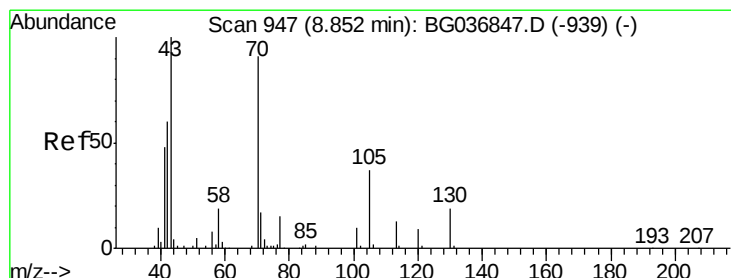
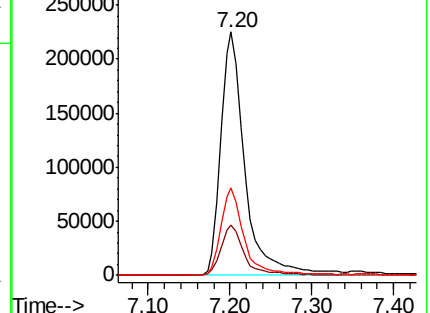
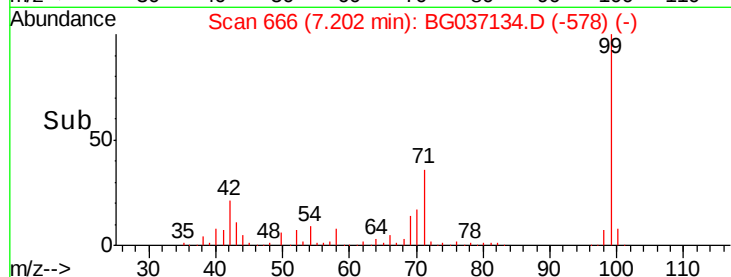
99 100

42 20.7 16.5 24.7

71 35.7 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: 11.654 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037134.D

Acq: 3 Oct 2018 15:27

Tgt Ion: 70 Resp: 41662

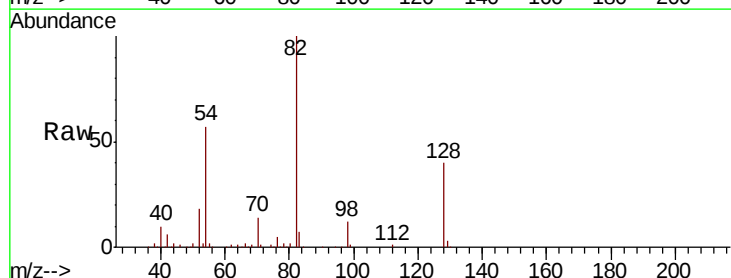
Ion Ratio Lower Upper

70 100

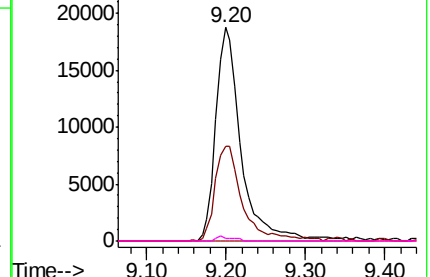
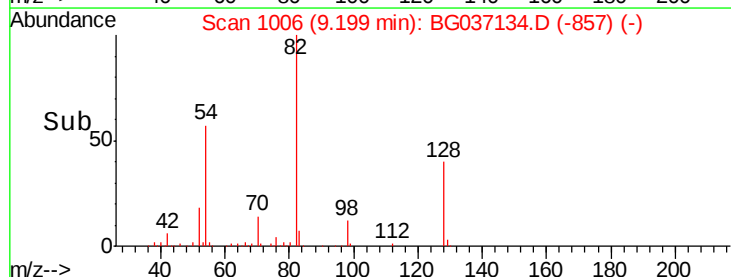
42 44.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.4 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

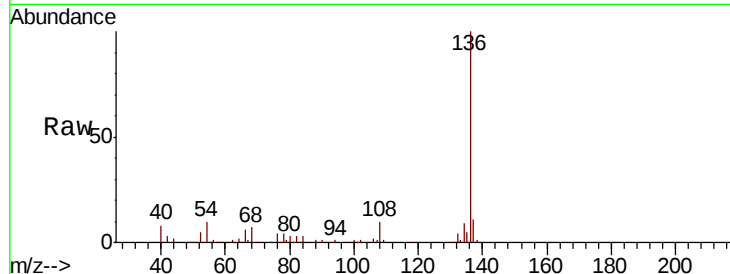




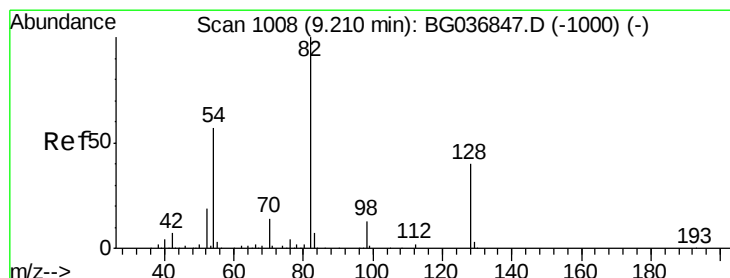
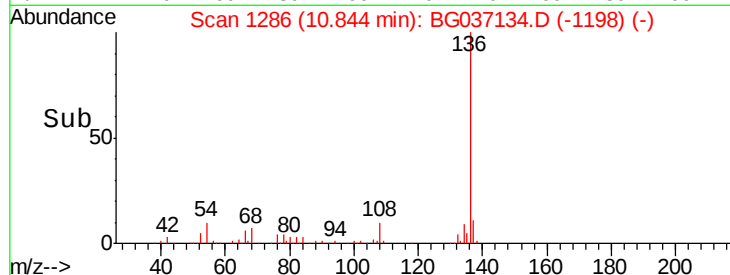
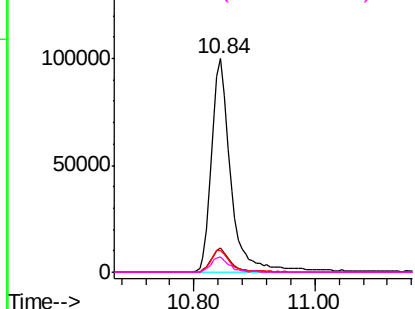
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037134.D
Acq: 3 Oct 2018 15:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	223016
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 10.4	9.2	13.8
68 6.9	5.8	8.6

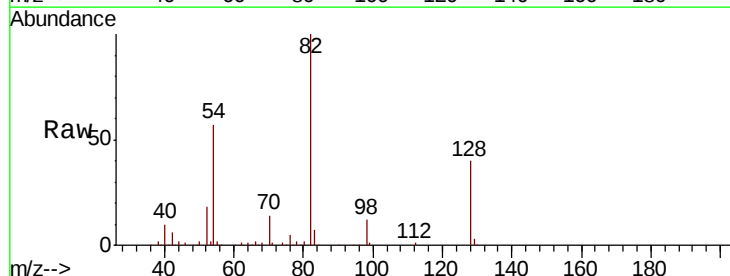


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

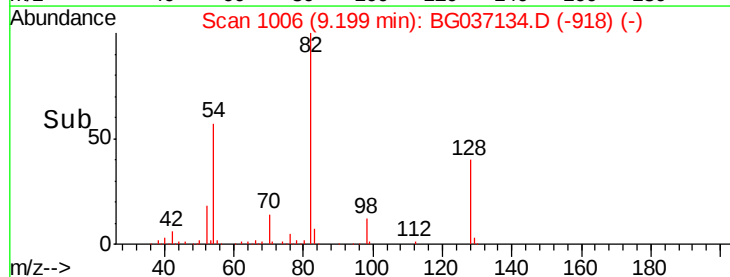
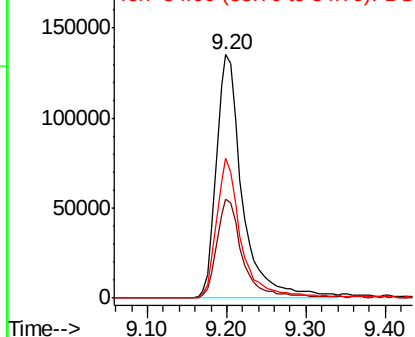


#23
Nitrobenzene-d5
Concen: 73.849 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037134.D
Acq: 3 Oct 2018 15:27

Tgt Ion: 82	Resp: 307549
Ion Ratio	Lower Upper
82 100	
128 40.4	33.3 49.9
54 57.3	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: BG037134.D

Acq: 3 Oct 2018 15:27

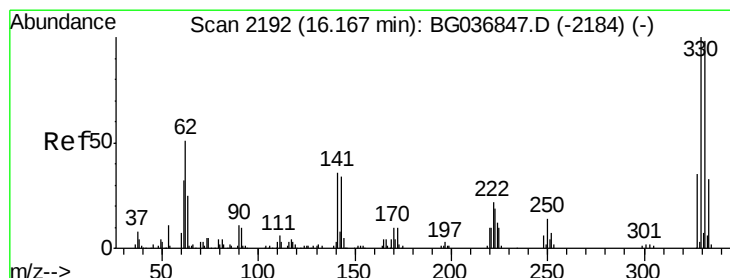
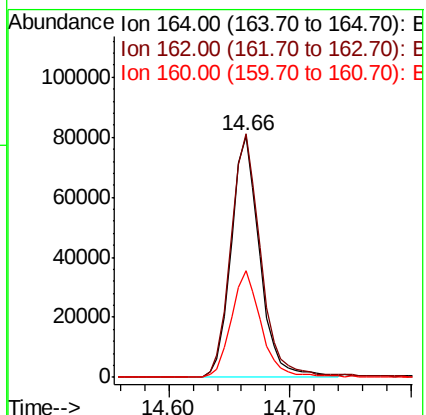
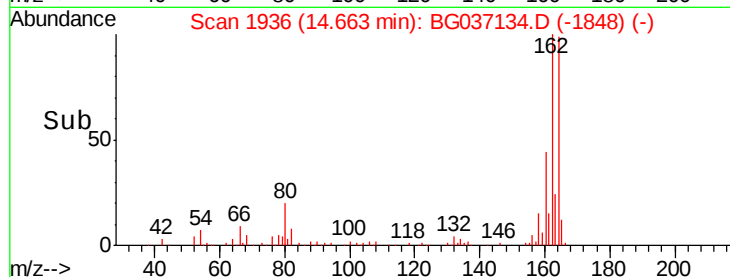
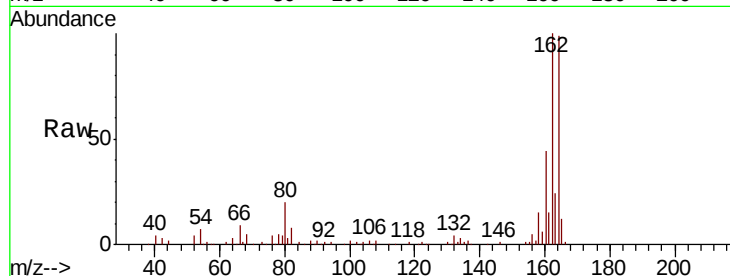
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 132840

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.7	121.1
160	44.0	35.3	52.9



#41

2,4,6-Tribromophenol

Concen: 91.320 ng

RT: 16.15 min Scan# 2189

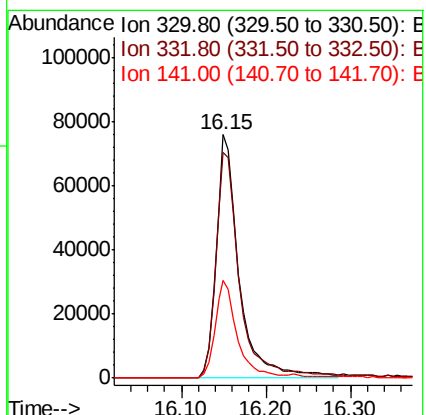
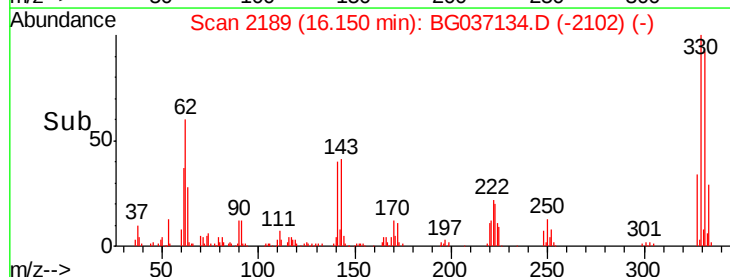
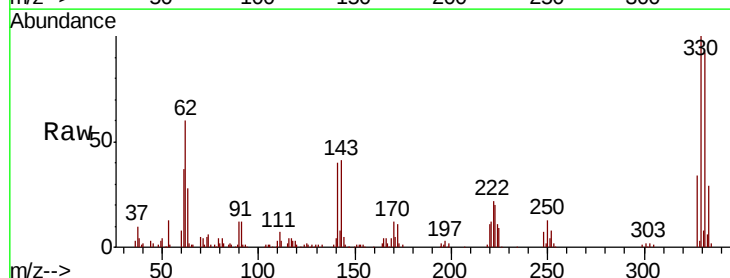
Delta R.T. -0.02 min

Lab File: BG037134.D

Acq: 3 Oct 2018 15:27

Tgt Ion:330 Resp: 145139

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.4	113.2
141	38.1	30.7	46.1

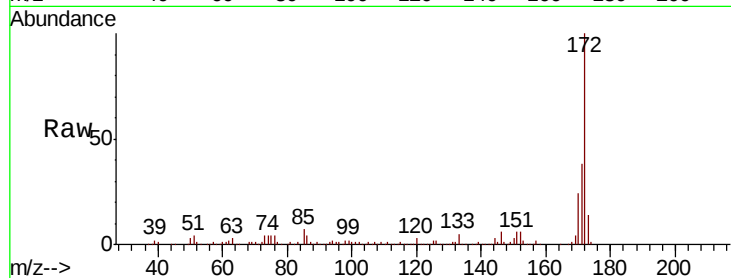




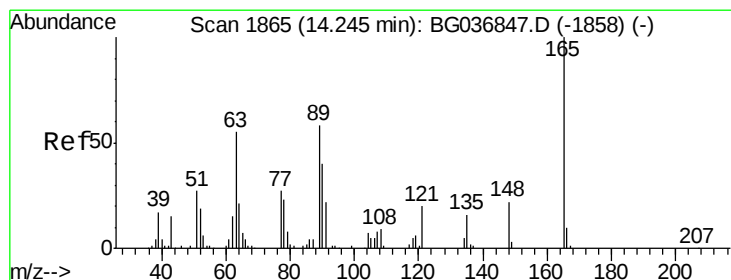
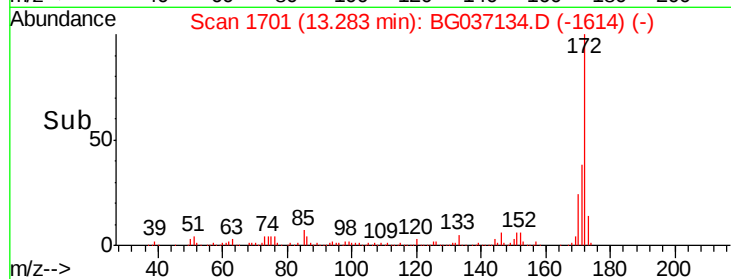
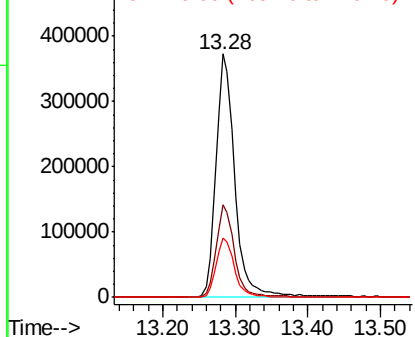
#44
 2-Fluorobiphenyl
 Concen: 75.600 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037134.D
 Acq: 3 Oct 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 674281
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 24.4 21.0 31.6

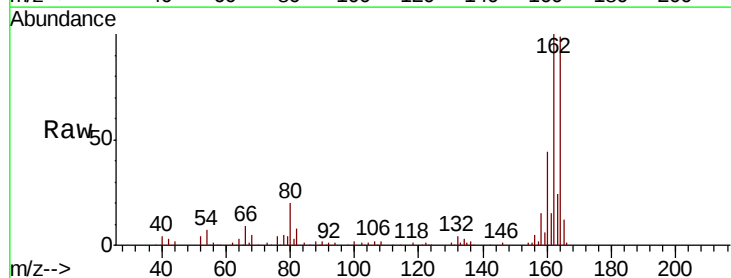


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

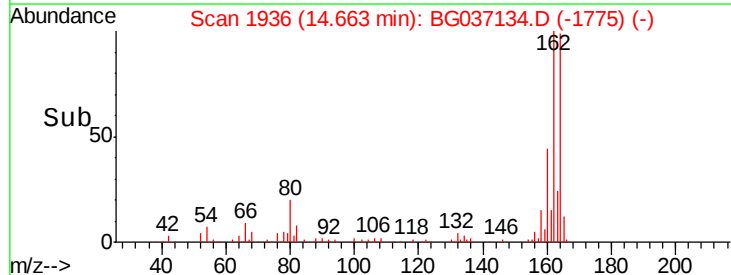
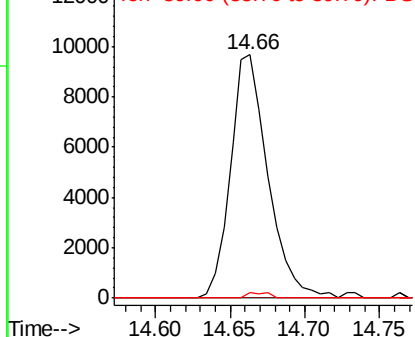


#50
 2,6-Dinitrotoluene
 Concen: 7.235 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037134.D
 Acq: 3 Oct 2018 15:27

Tgt Ion:165 Resp: 16879
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.2 47.8 71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

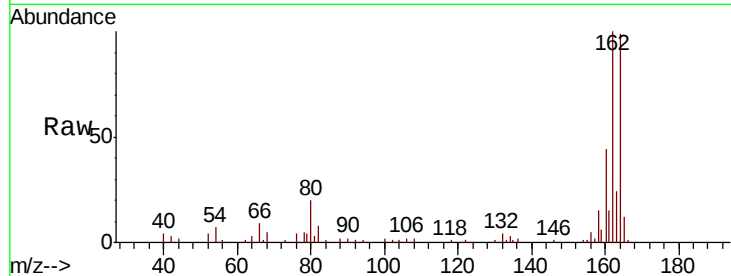




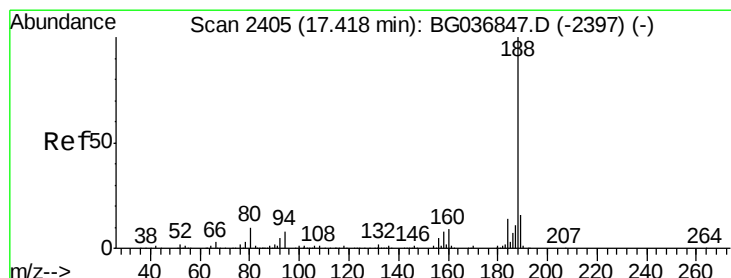
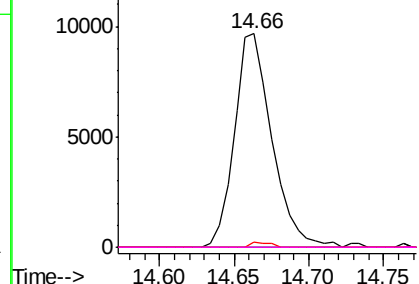
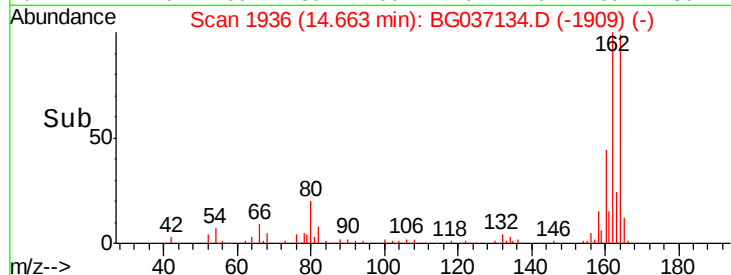
#56
 2,4-Dinitrotoluene
 Concen: 5.185 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037134.D
 Acq: 3 Oct 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.2	63.7	95.5#
182	0.0	2.5	3.7#

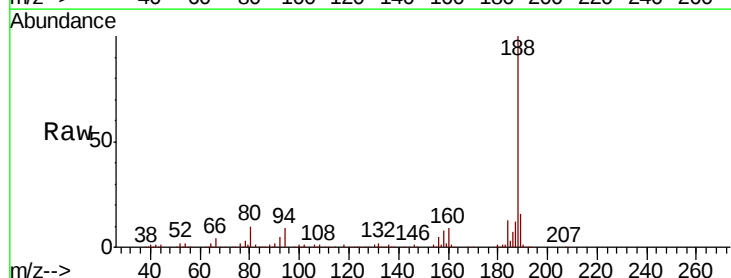


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

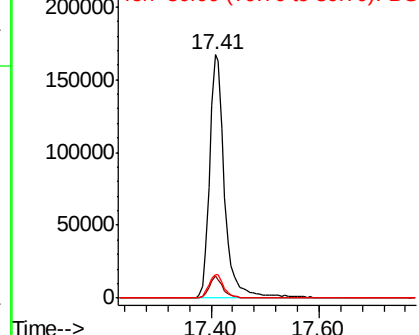
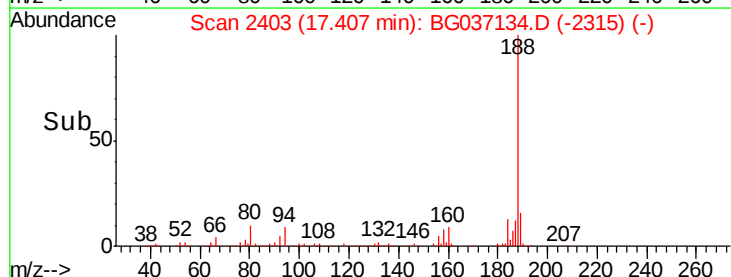


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037134.D
 Acq: 3 Oct 2018 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.7	10.1
80	9.8	8.1	12.1



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

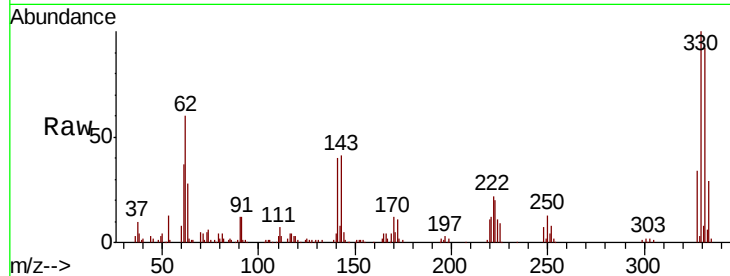




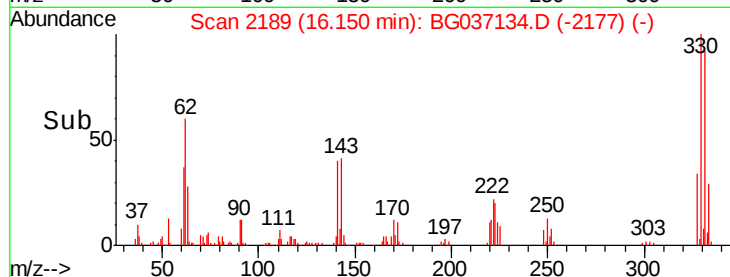
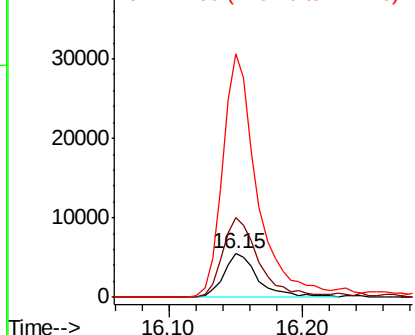
#66
 4-Bromophenyl-phenylether
 Concen: 2.723 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037134.D
 Acq: 3 Oct 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9940
 Ion Ratio Lower Upper
 248 100
 250 183.4 78.1 117.1#
 141 555.3 53.7 80.5#

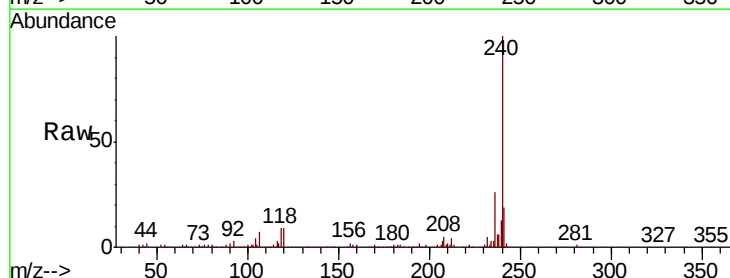


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

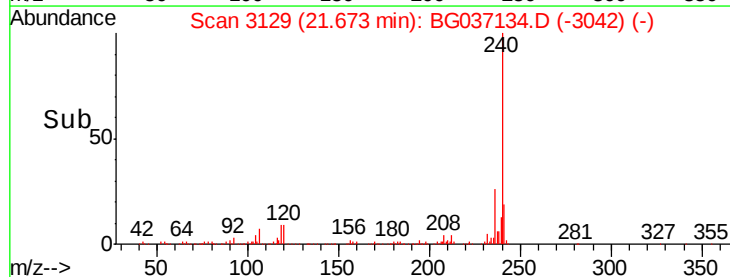
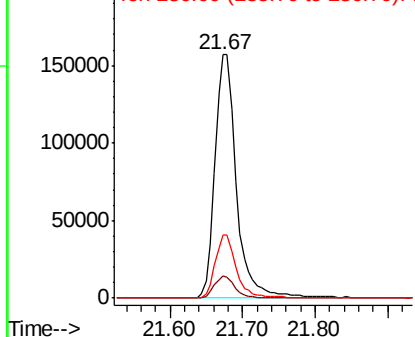


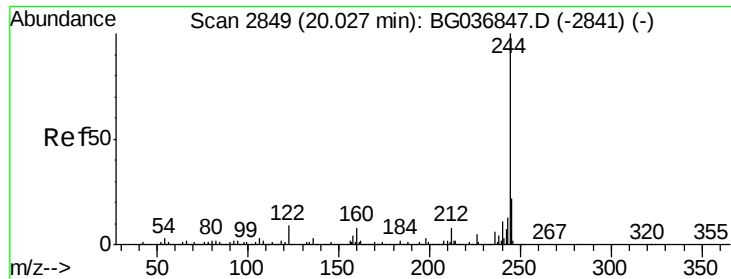
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037134.D
 Acq: 3 Oct 2018 15:27

Tgt Ion:240 Resp: 323282
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.9 10.3
 236 25.8 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: 83.318 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037134.D

Acq: 3 Oct 2018 15:27

Instrument :

BNA_F

ClientSampled :

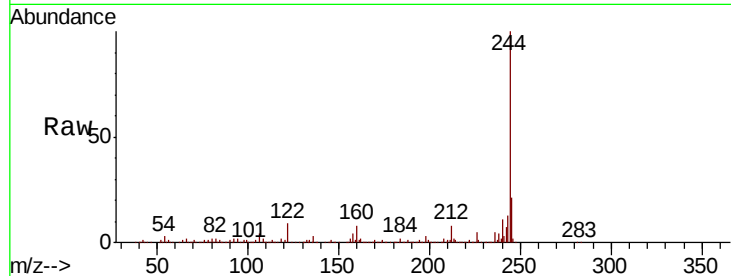
Tot Ion:244 Resp: 1024348

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

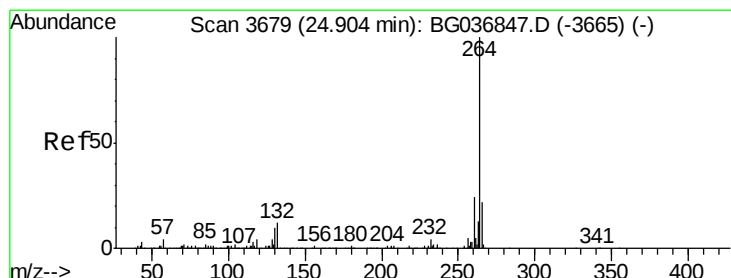
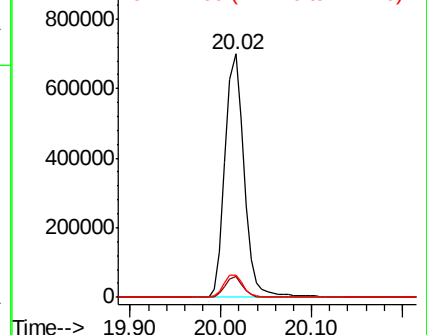
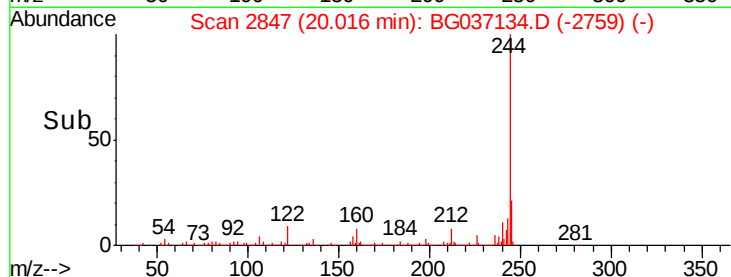
122 9.3 7.1 10.7



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: BG037134.D

Acq: 3 Oct 2018 15:27

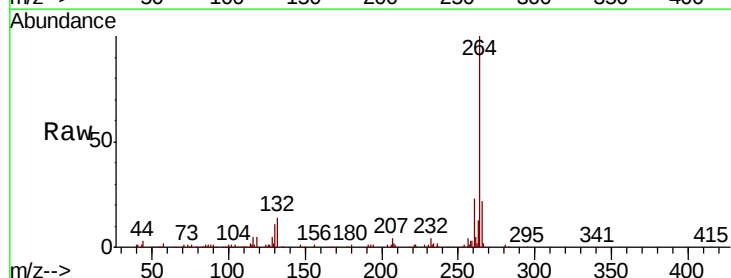
Tgt Ion:264 Resp: 314856

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 22.1 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

