

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037064.D
 Acq On : 29 Sep 2018 00:15
 Operator : JU/SJ
 Sample : J5084-24
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-11(TW-3)

Quant Time: Sep 29 06:41:33 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

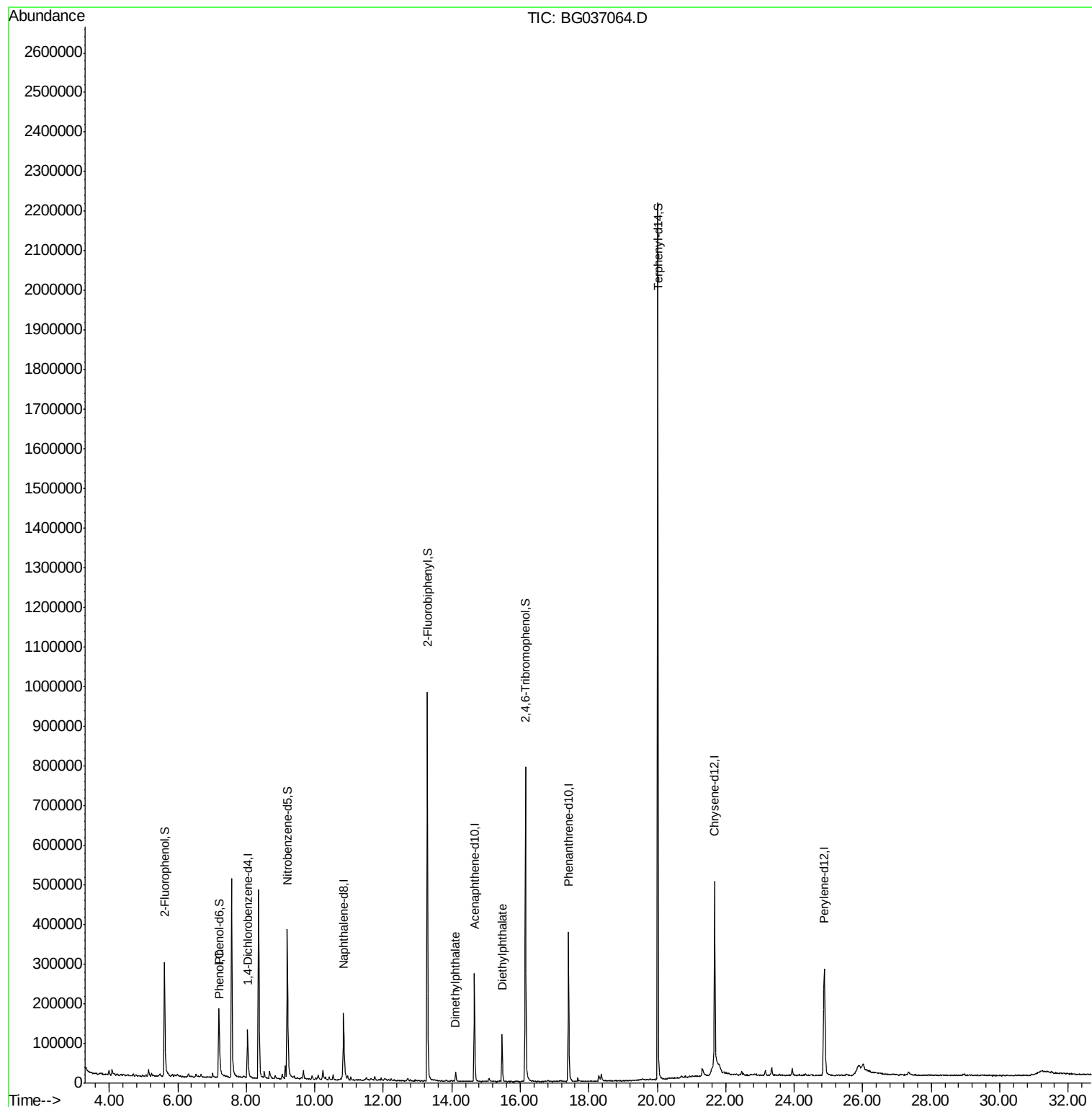
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39611	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	161804	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	99801	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	264182	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	301623	20.00	ng	-0.02
86) Perylene-d12	24.88	264	305965	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	150319	72.78	ng	0.00
7) Phenol-d6	7.20	99	126552	39.60	ng	-0.01
23) Nitrobenzene-d5	9.20	82	273538	90.53	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	155037	129.84	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	560719	83.68	ng	-0.01
78) Terphenyl-d14	20.02	244	1051664	91.68	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	9313	2.824	ng	82
49) Dimethylphthalate	14.11	163	19429	2.419	ng	99
59) Diethylphthalate	15.47	149	73646	9.089	ng	99

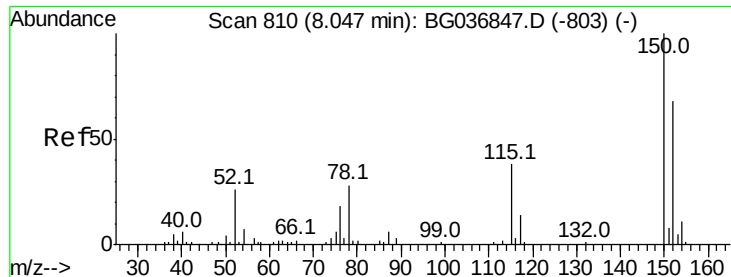
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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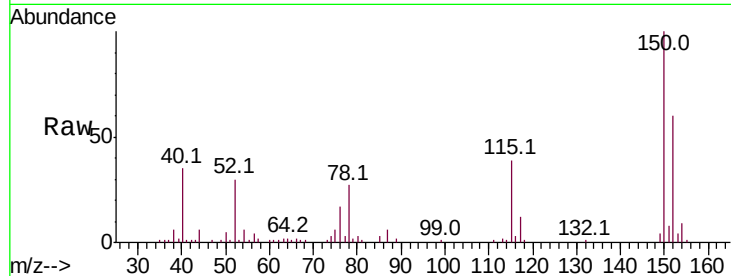


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Instrument :
BNA_G
ClientSampleId :
B-11(TW-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.6	119.5	179.3
115	65.6	44.5	66.7

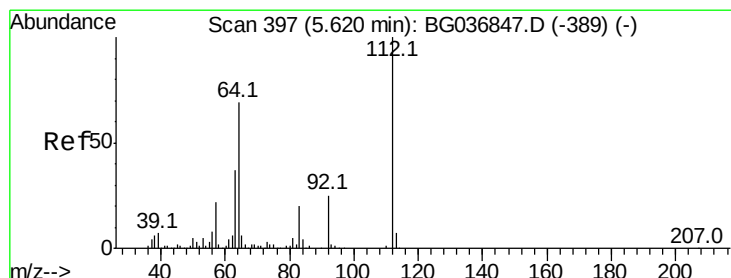
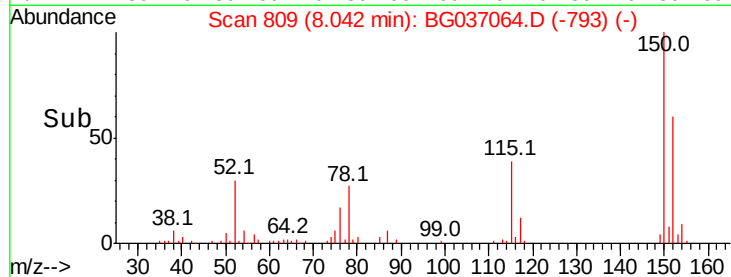
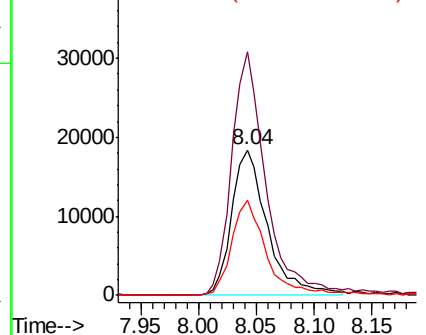


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

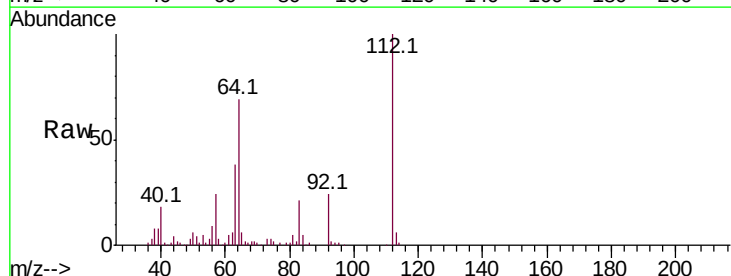
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.778 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	57.2	85.8
63	38.2	30.8	46.2

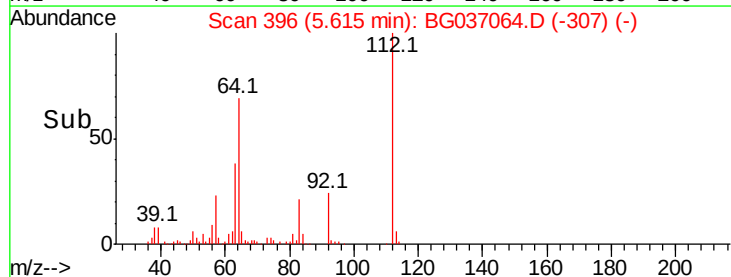
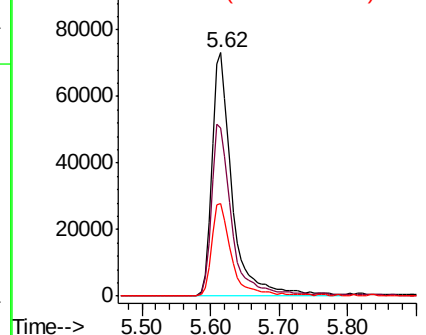


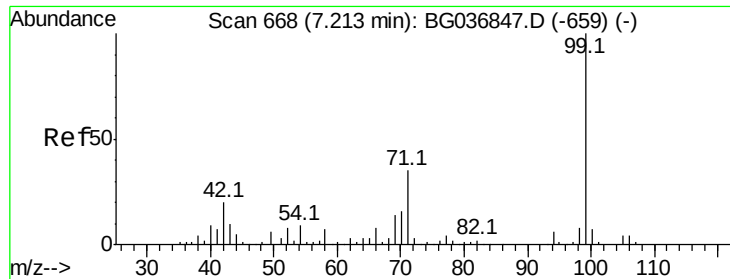
Abundance

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: 39.602 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

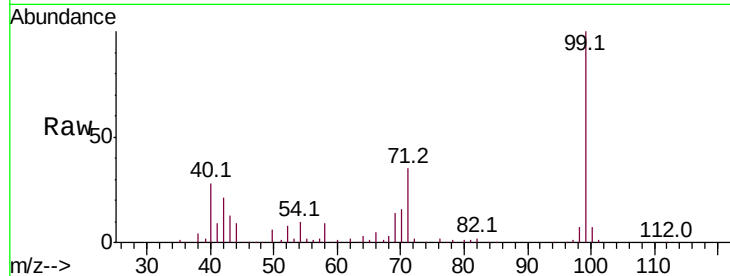
Tot Ion: 99 Resp: 126552

Ion Ratio Lower Upper

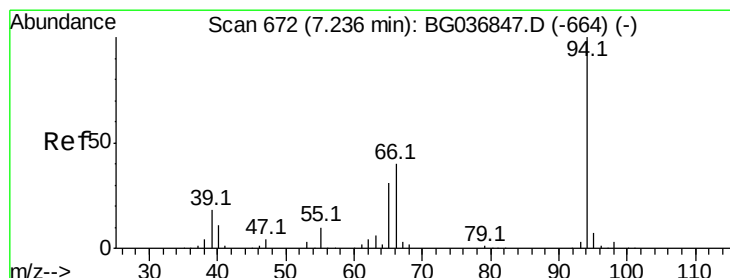
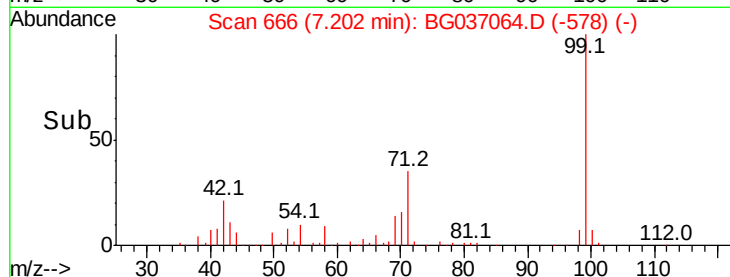
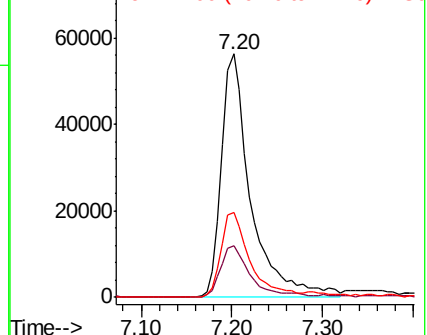
99 100

42 21.1 16.5 24.7

71 34.7 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



#10

Phenol

Concen: 2.824 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

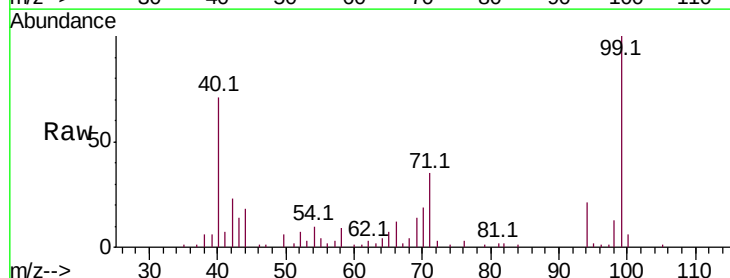
Tgt Ion: 94 Resp: 9313

Ion Ratio Lower Upper

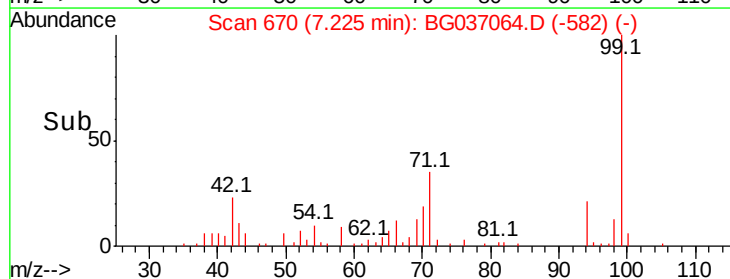
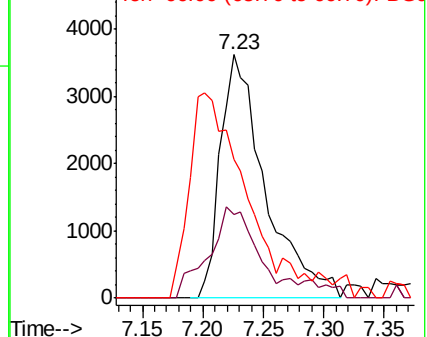
94 100

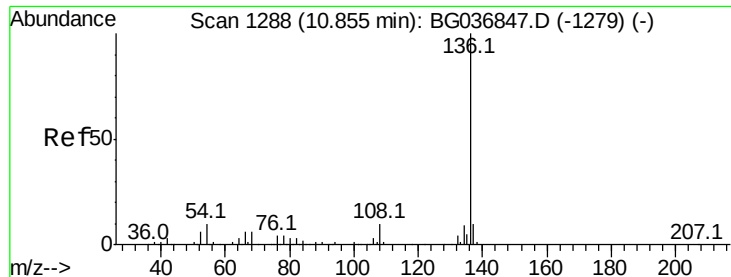
65 34.3 11.5 51.5

66 57.0 19.5 59.5



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

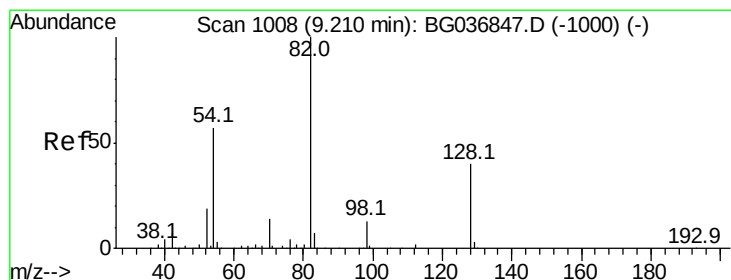
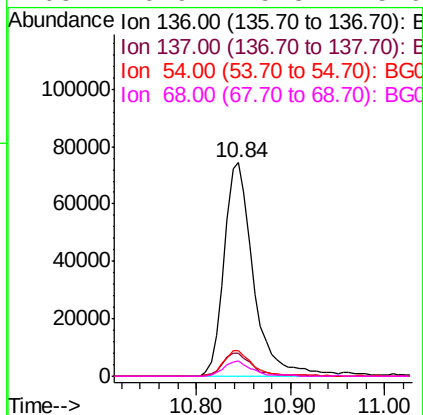
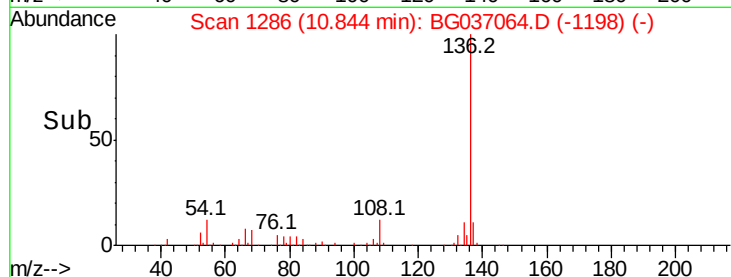
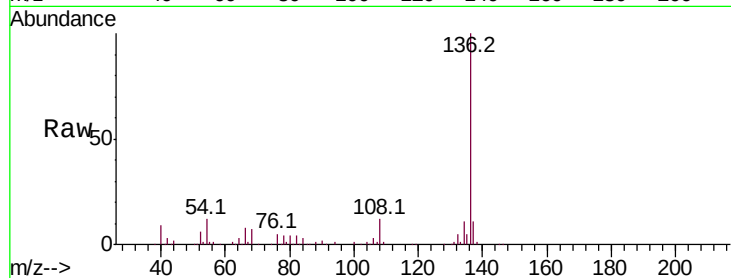




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

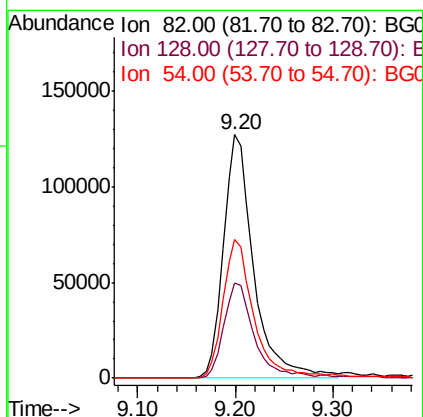
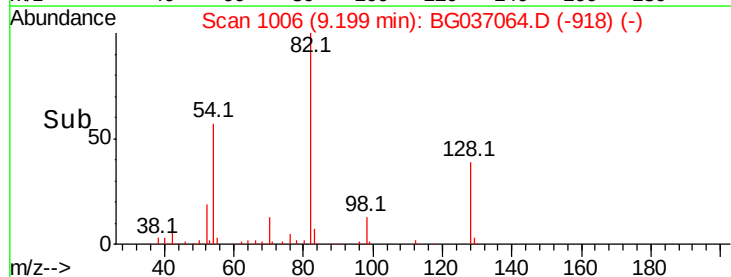
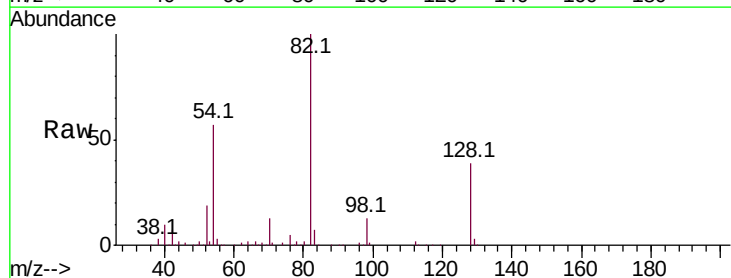
Instrument :
BNA_G
ClientSampleId :
B-11(TW-3)

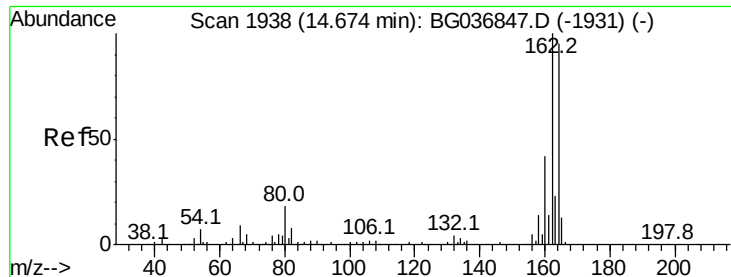
Tot Ion:136	Resp:	161804	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 12.0	9.2	13.8	
68 6.9	5.8	8.6	



#23
Nitrobenzene-d5
Concen: 90.531 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Tgt	Ion: 82	Resp:	273538
Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.3	49.9
54	56.8	45.1	67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

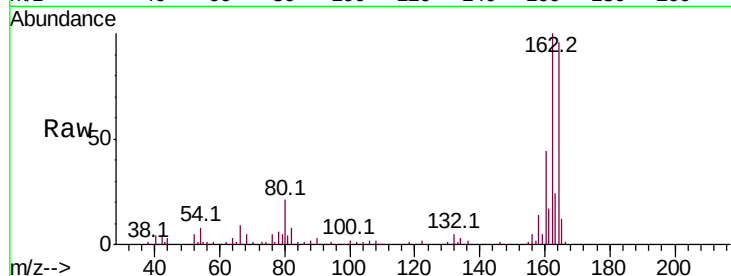
Tot Ion:164 Resp: 99801

Ion Ratio Lower Upper

164 100

162 104.0 80.7 121.1

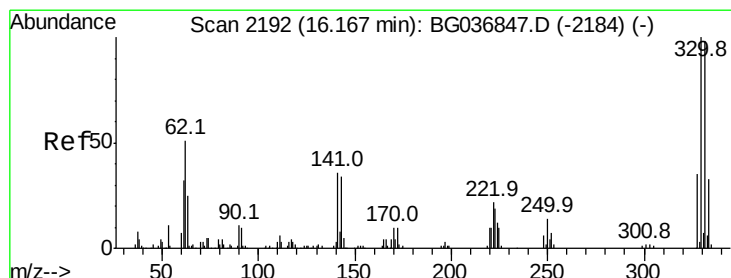
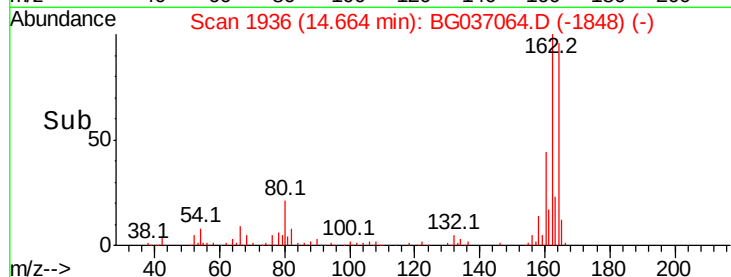
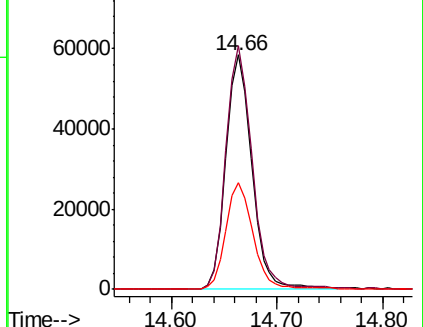
160 45.5 35.3 52.9



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: 129.840 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

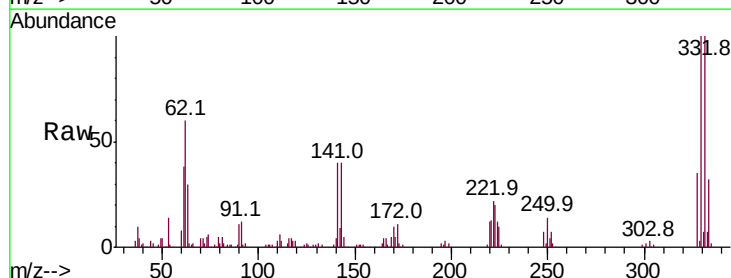
Tgt Ion:330 Resp: 155037

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

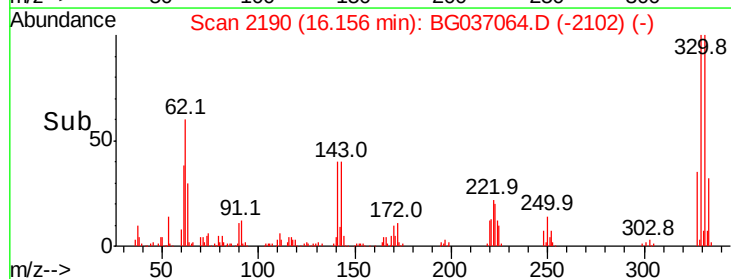
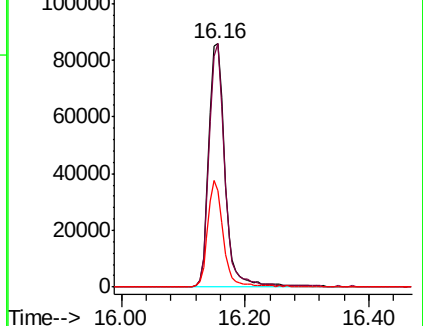
141 41.4 30.7 46.1

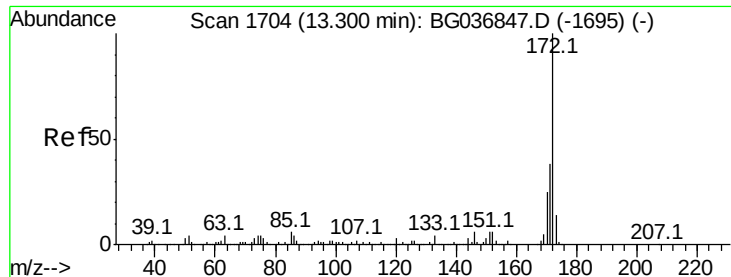


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

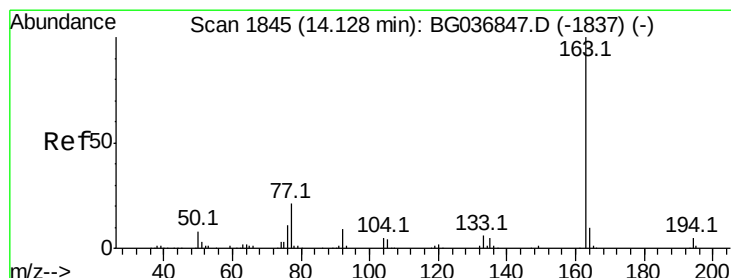
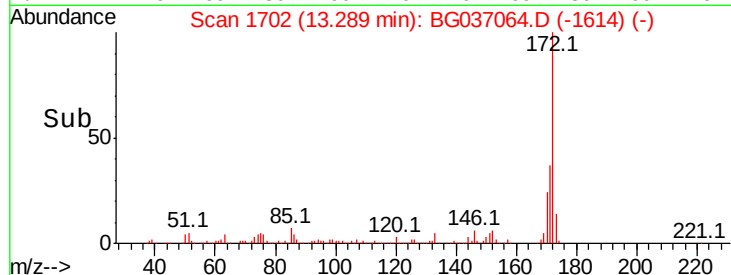
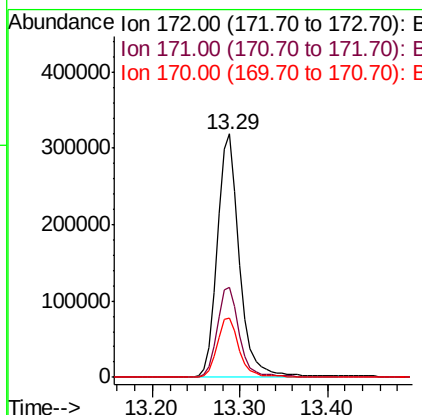
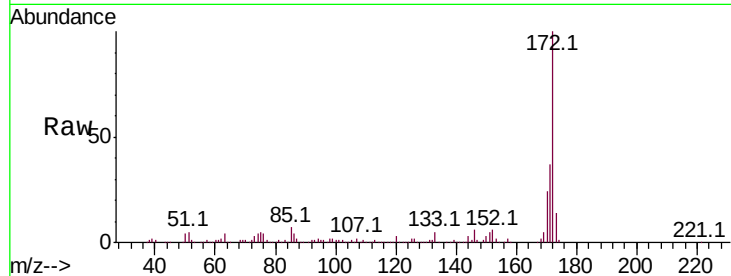




#44
2-Fluorobiphenyl
Concen: 83.679 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

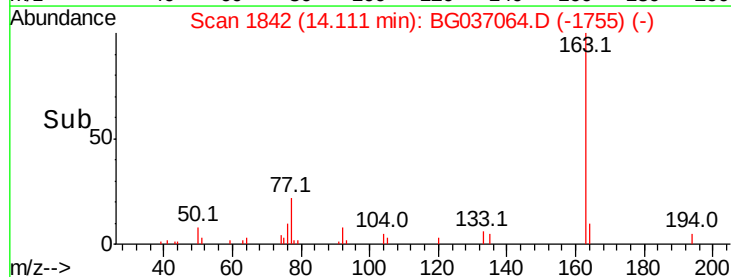
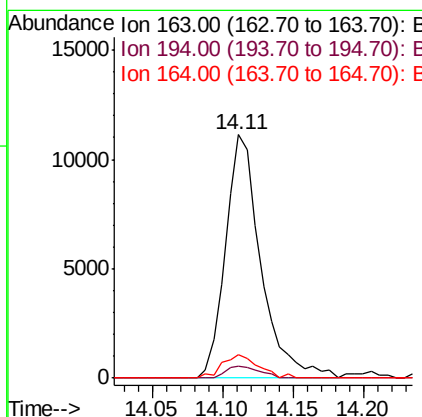
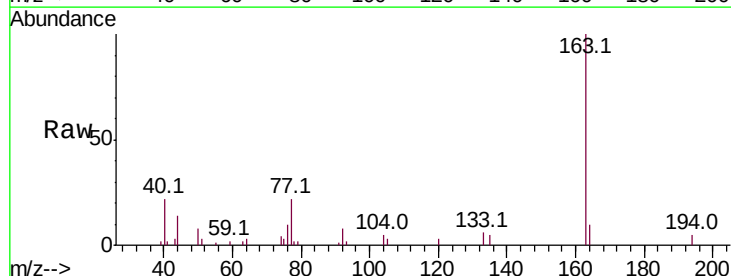
Instrument :
BNA_G
ClientSampleId :
B-11(TW-3)

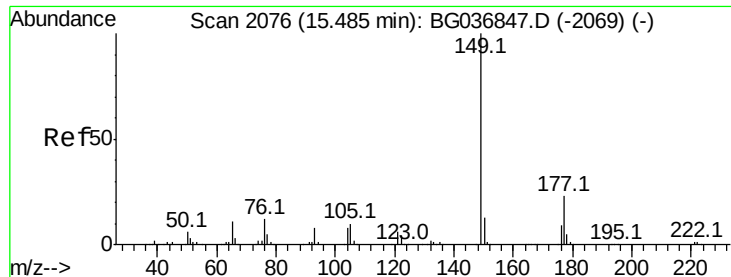
Tot Ion:172 Resp: 560719
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.4 21.0 31.6



#49
Dimethylphthalate
Concen: 2.419 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037064.D
Acq: 29 Sep 2018 00:15

Tgt Ion:163 Resp: 19429
Ion Ratio Lower Upper
163 100
194 4.9 4.0 6.0
164 9.8 8.1 12.1





#59

Diethylphthalate

Concen: 9.089 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

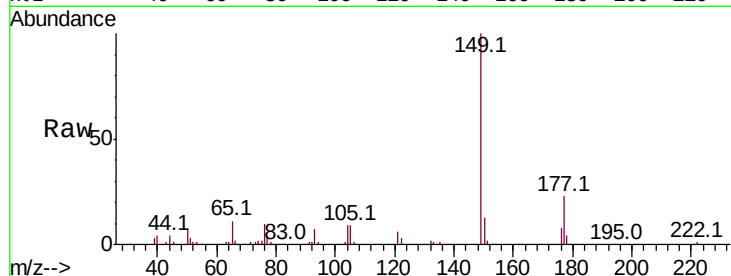
Tot Ion:149 Resp: 73646

Ion Ratio Lower Upper

149 100

177 22.9 19.1 28.7

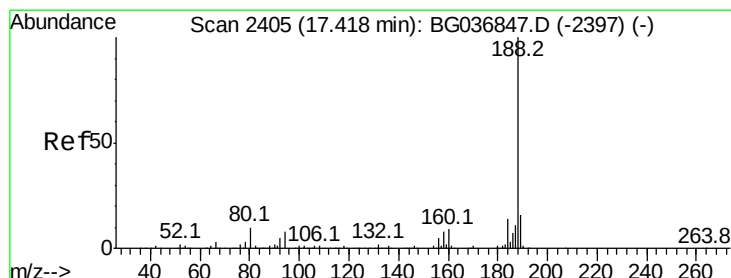
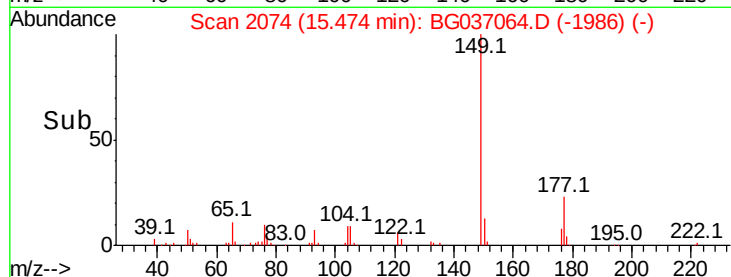
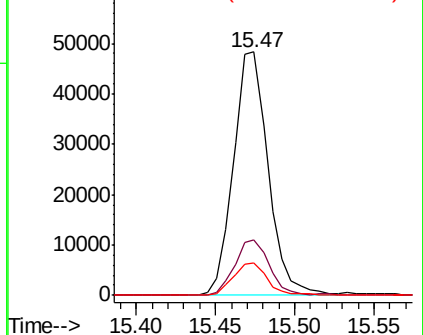
150 13.3 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

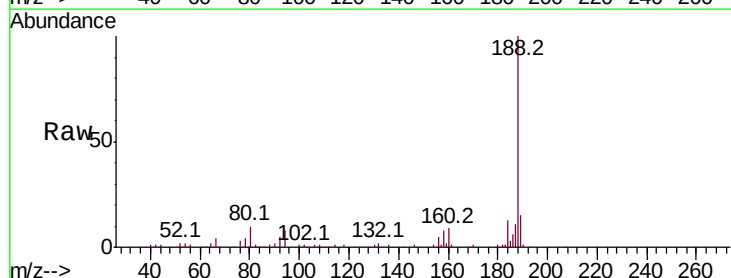
Tgt Ion:188 Resp: 264182

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

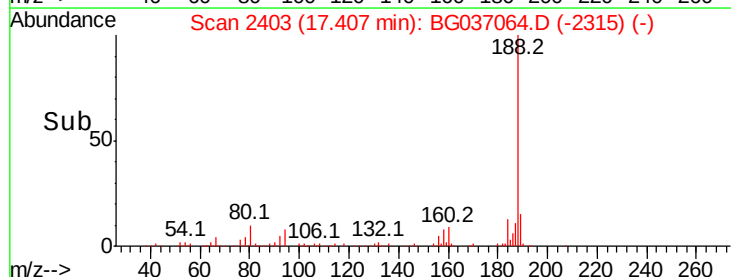
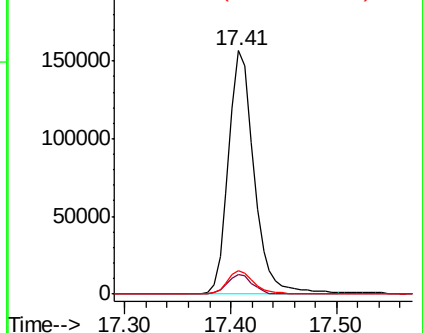
80 9.5 8.1 12.1

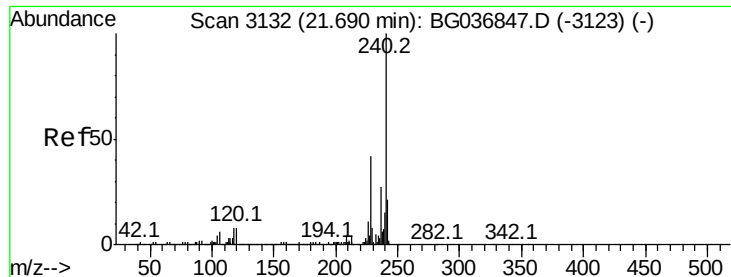


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

Instrument :

BNA_G

ClientSampleId :

B-11(TW-3)

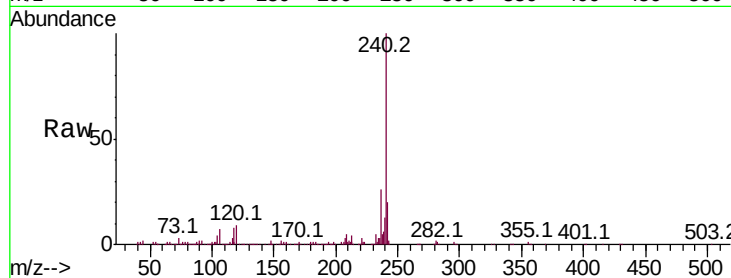
Tot Ion:240 Resp: 301623

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

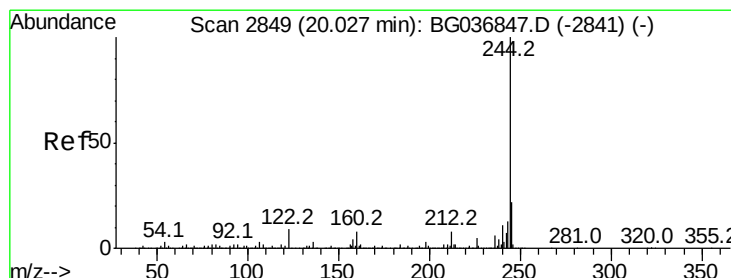
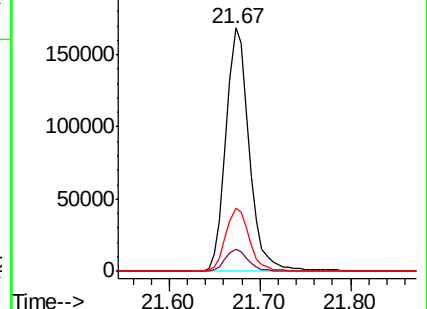
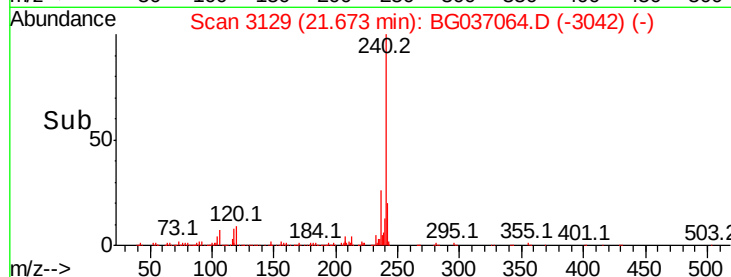
236 26.1 21.2 31.8



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: 91.682 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037064.D

Acq: 29 Sep 2018 00:15

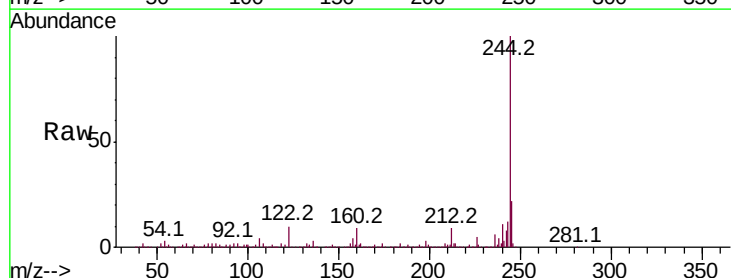
Tgt Ion:244 Resp: 1051664

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

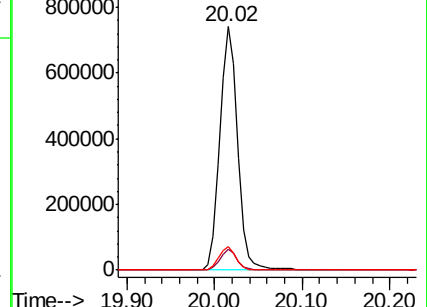
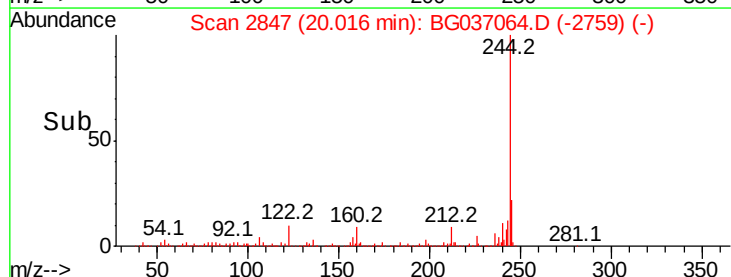
122 9.8 7.1 10.7

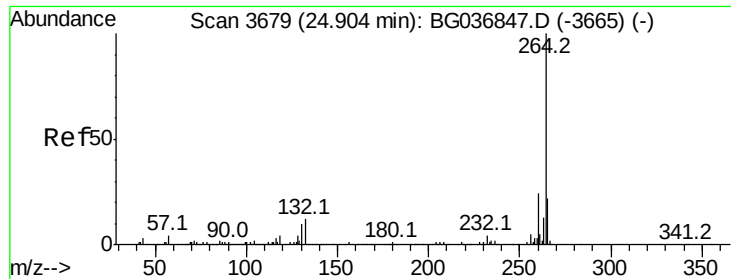


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037064.D
 Acq: 29 Sep 2018 00:15

Instrument :
 BNA_G
 ClientSampleId :
 B-11(TW-3)

Tot Ion:	264	Resp:	305965
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.6	17.4	26.0

