

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037647.D
 Acq On : 30 Oct 2018 10:50
 Operator : JU/SJ
 Sample : J5696-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 11:59:39 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

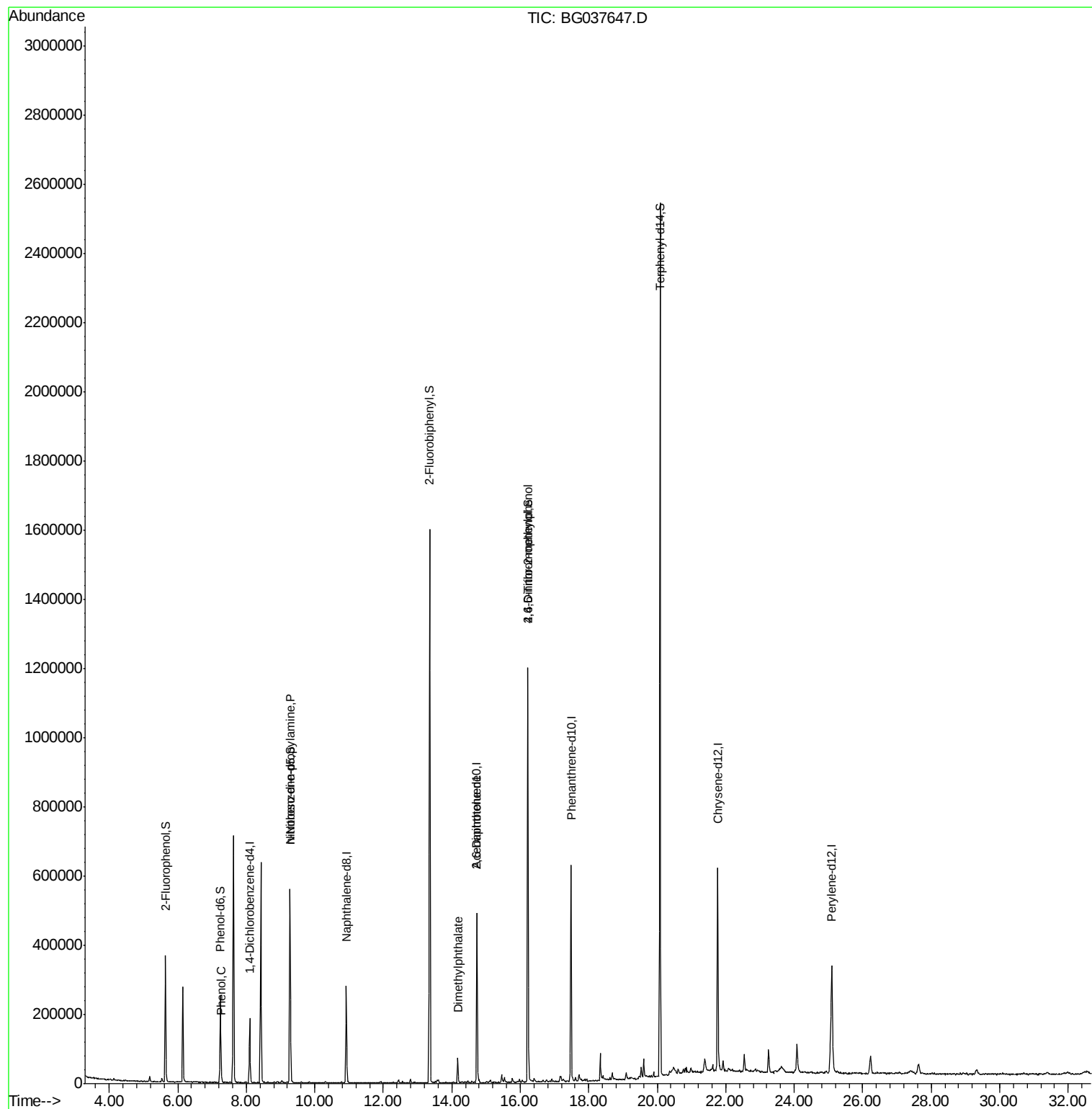
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54645	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	253917	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172813	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	397991	20.00	ng	0.00
76) Chrysene-d12	21.77	240	361599	20.00	ng	0.00
87) Perylene-d12	25.10	264	358975	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	176696	54.06	ng	0.00
7) Phenol-d6	7.24	99	158028	31.97	ng	0.00
23) Nitrobenzene-d5	9.28	82	365298	80.59	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226429	120.13	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	908454	79.27	ng	-0.01
79) Terphenyl-d14	20.08	244	1271660	75.15	ng	0.00
Target Compounds						
10) Phenol	7.27	94	22157	4.249	ng	94
19) n-Nitroso-di-n-propylamine	9.28	70	45625	13.406	ng	# 69
50) Dimethylphthalate	14.18	163	52670	3.940	ng	99
51) 2,6-Dinitrotoluene	14.73	165	22304	7.541	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	707	8.786	ng	88

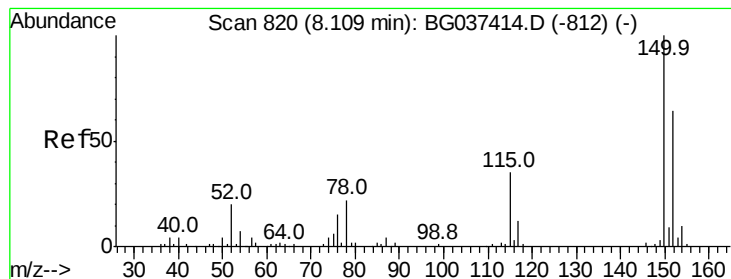
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

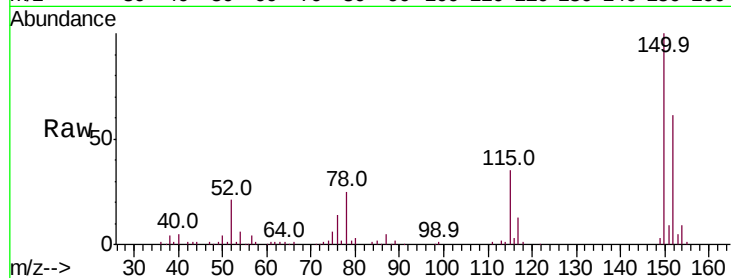
Tot Ion:152 Resp: 54645

Ion Ratio Lower Upper

152 100

150 163.6 126.0 189.0

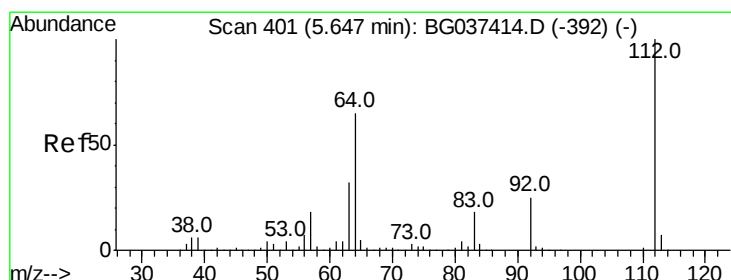
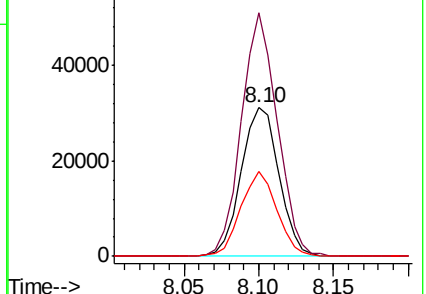
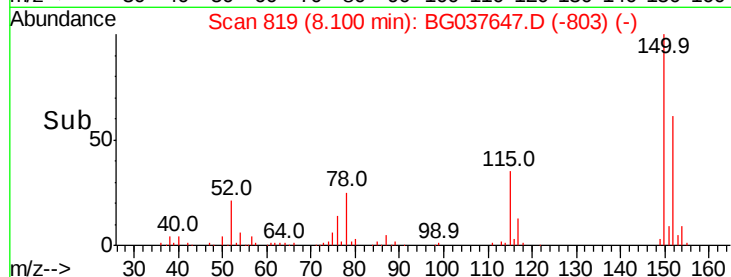
115 57.0 45.5 68.3



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: 54.060 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

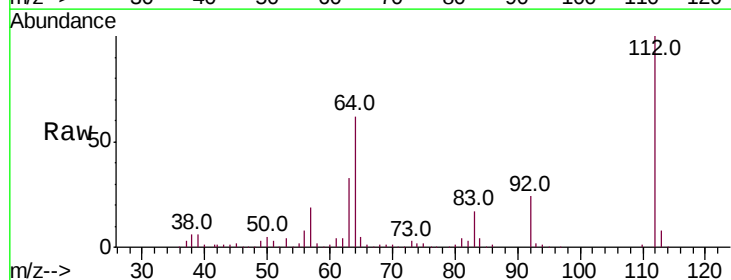
Tgt Ion:112 Resp: 176696

Ion Ratio Lower Upper

112 100

64 61.8 53.1 79.7

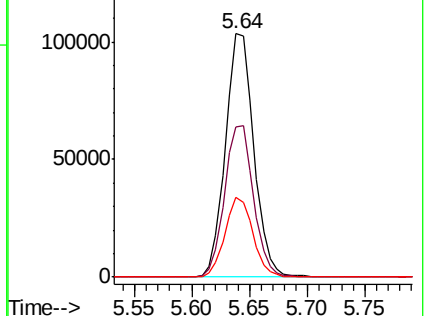
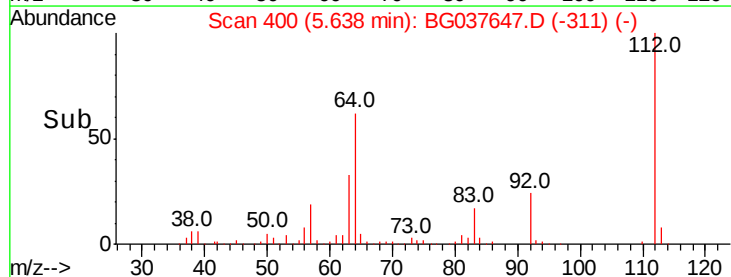
63 32.9 27.3 40.9



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: 31.974 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

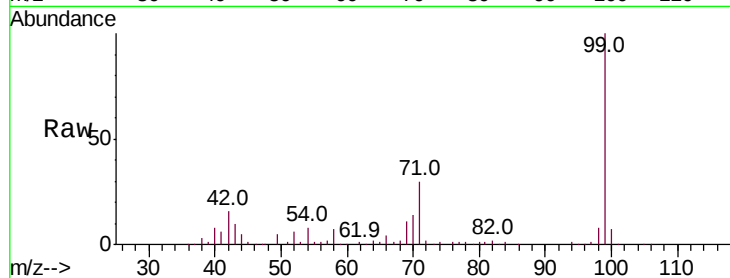
Tot Ion: 99 Resp: 158028

Ion Ratio Lower Upper

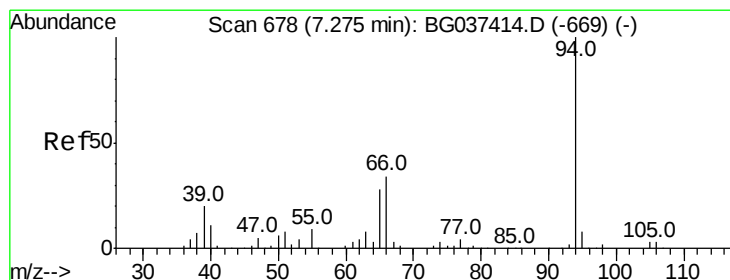
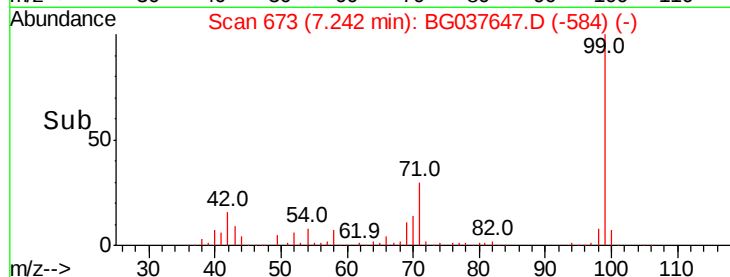
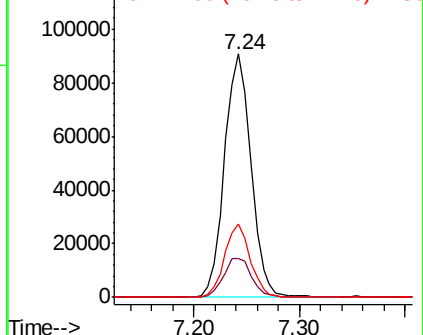
99 100

42 16.1 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: 4.249 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

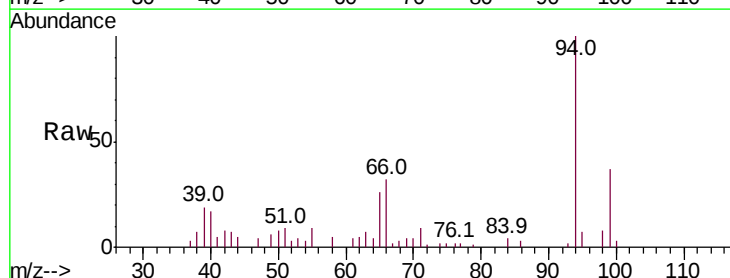
Tgt Ion: 94 Resp: 22157

Ion Ratio Lower Upper

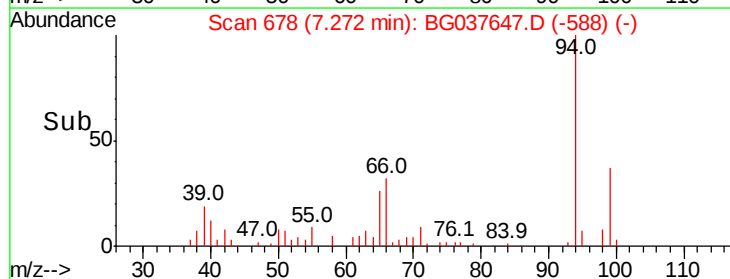
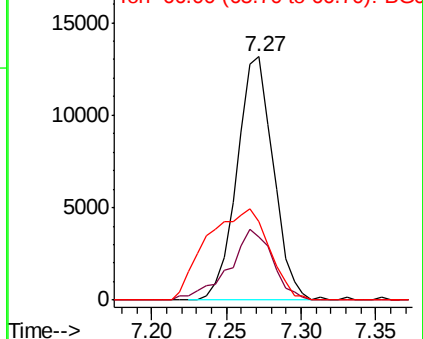
94 100

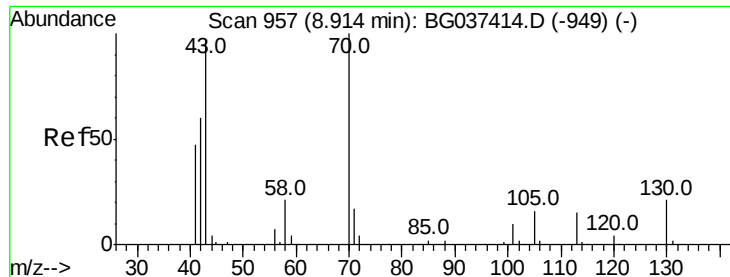
65 26.2 9.7 49.7

66 32.3 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

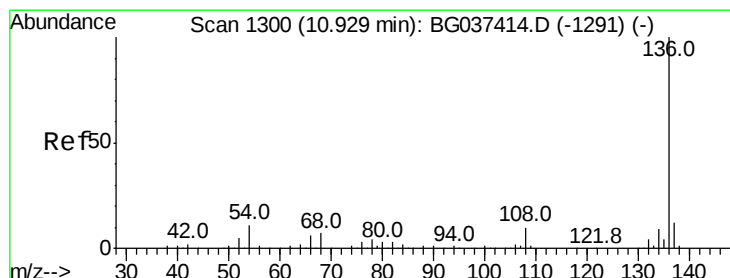
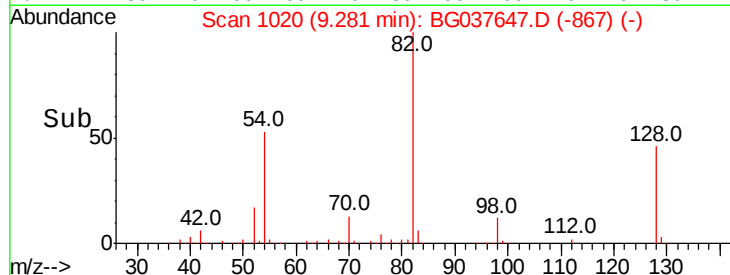
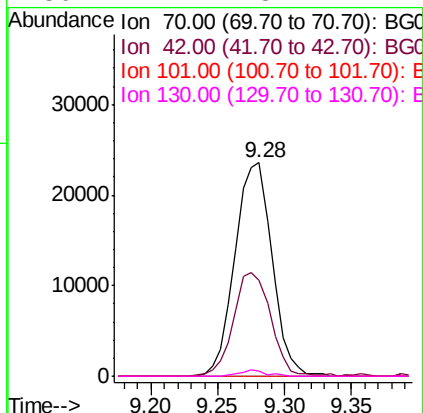
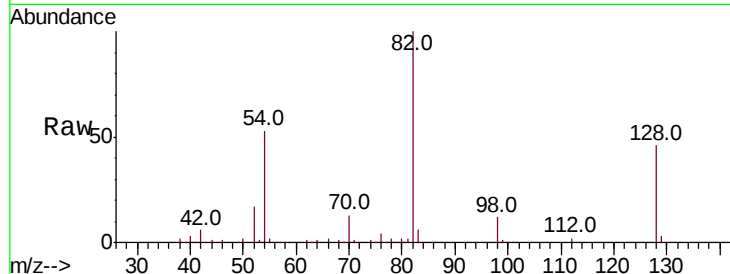




#19
n-Nitroso-di-n-propylamine
Concen: 13.406 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037647.D
Acq: 30 Oct 2018 10:50

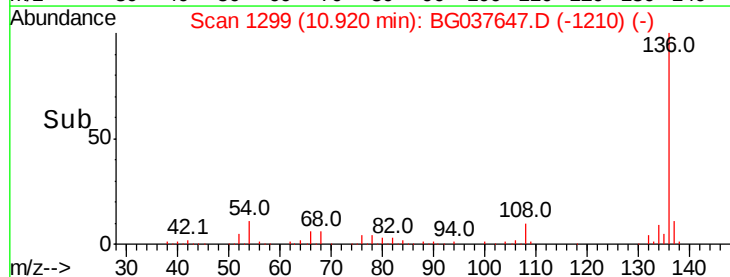
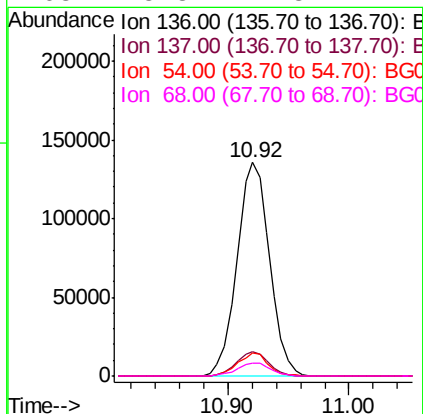
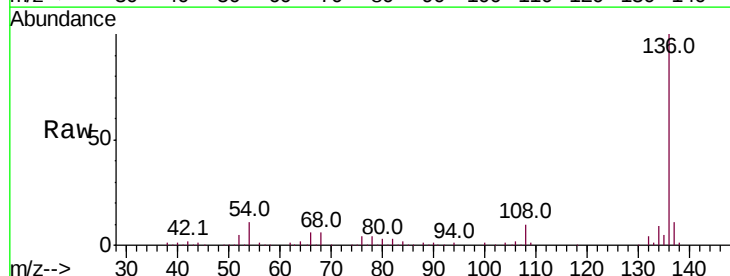
Instrument :
BNA_G
ClientSampleId :

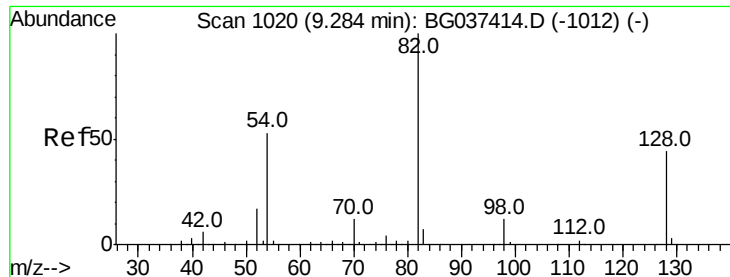
Tot Ion: 70 Resp: 45625
Ion Ratio Lower Upper
70 100
42 44.9 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037647.D
Acq: 30 Oct 2018 10:50

Tgt Ion: 136 Resp: 253917
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 10.6 7.9 11.9
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 80.592 ng

RT: 9.28 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

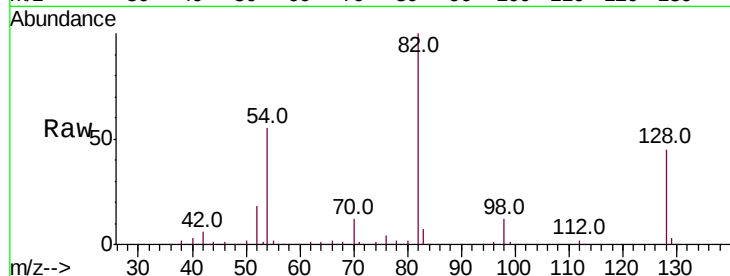
Tot Ion: 82 Resp: 365298

Ion Ratio Lower Upper

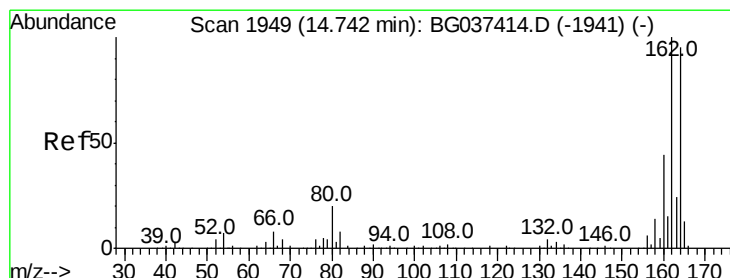
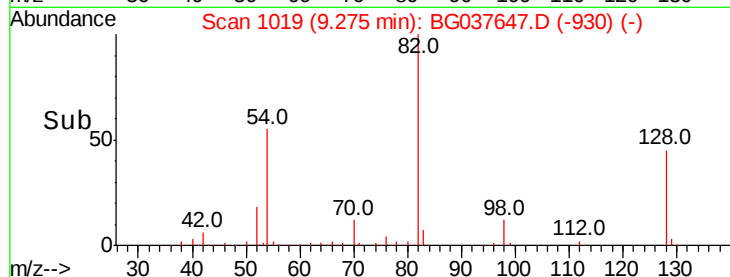
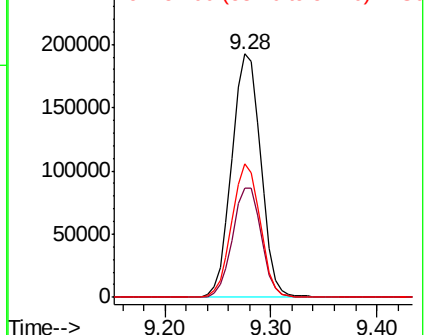
82 100

128 44.7 34.6 51.8

54 54.8 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: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

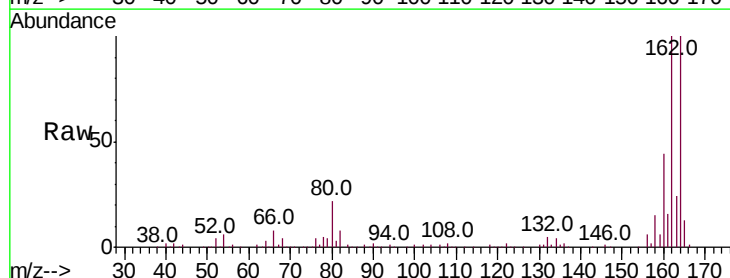
Tgt Ion: 164 Resp: 172813

Ion Ratio Lower Upper

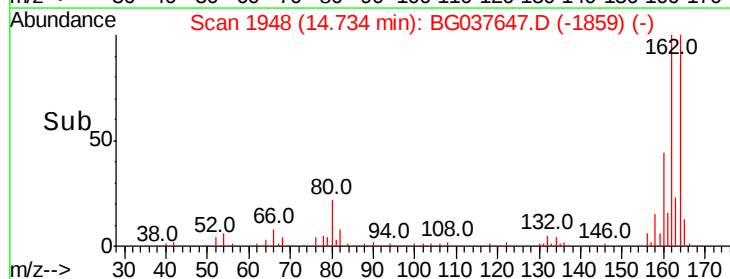
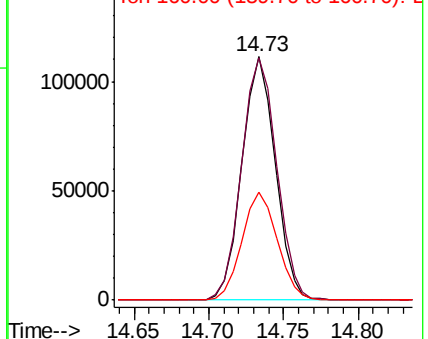
164 100

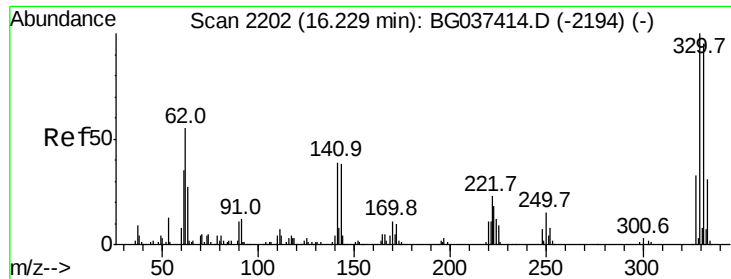
162 99.6 81.3 121.9

160 44.1 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

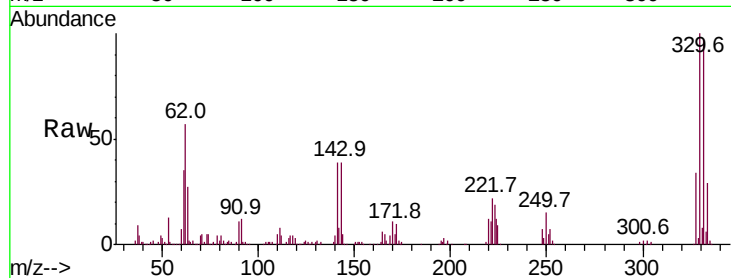




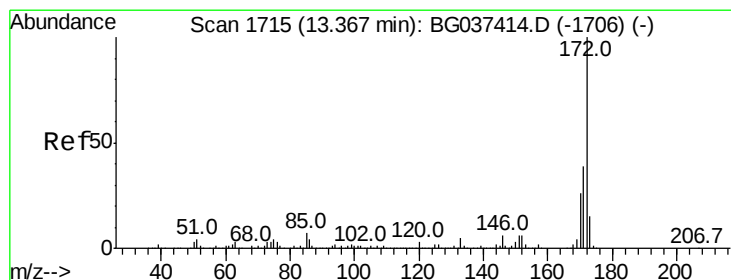
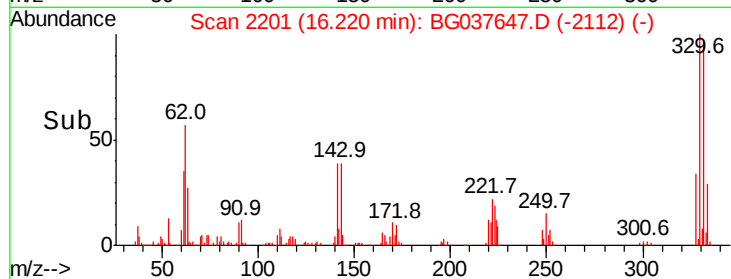
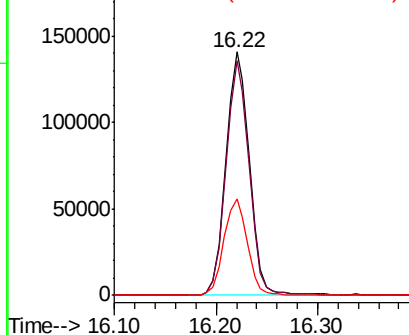
#42
 2,4,6-Tribromophenol
 Concen: 120.131 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037647.D
 Acq: 30 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.4	117.6
141	39.5	32.2	48.2

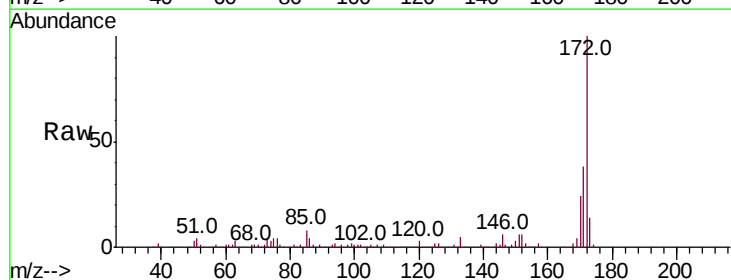


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

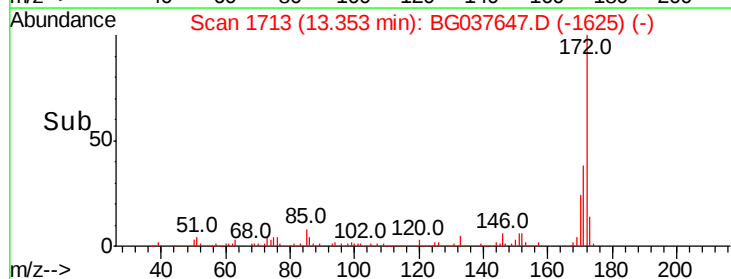
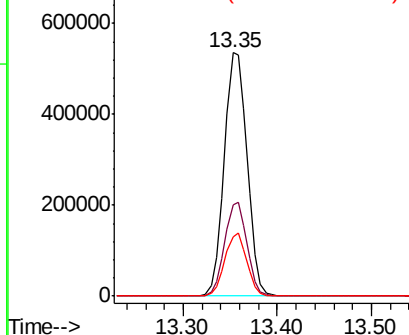


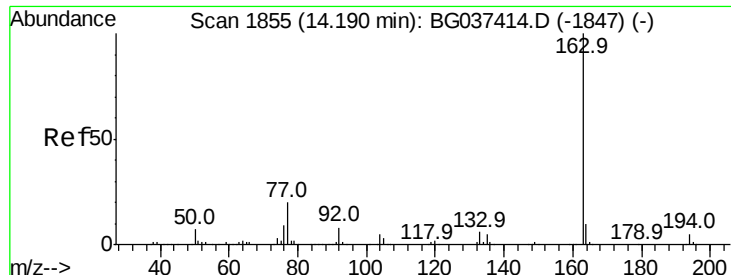
#45
 2-Fluorobiphenyl
 Concen: 79.271 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037647.D
 Acq: 30 Oct 2018 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.5	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





#50

Dimethylphthalate

Concen: 3.940 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

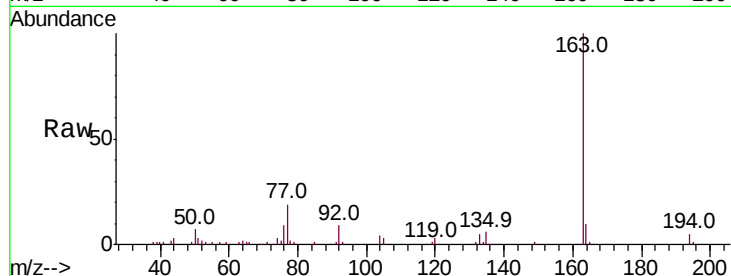
Tot Ion:163 Resp: 52670

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

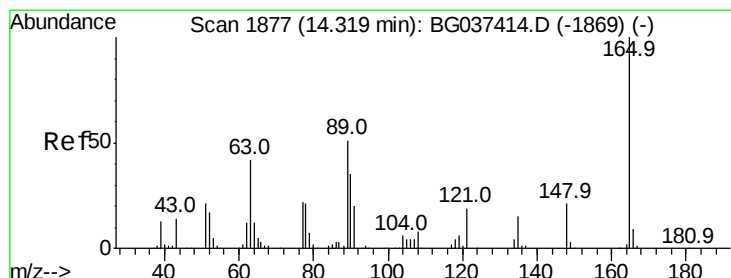
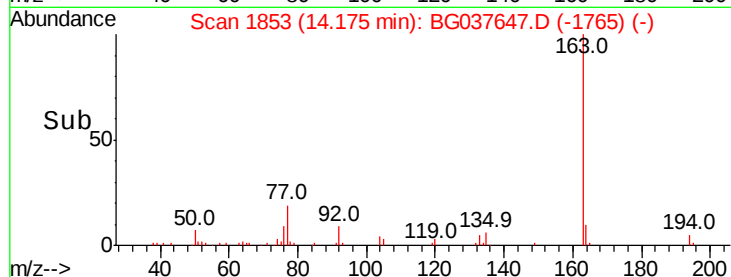
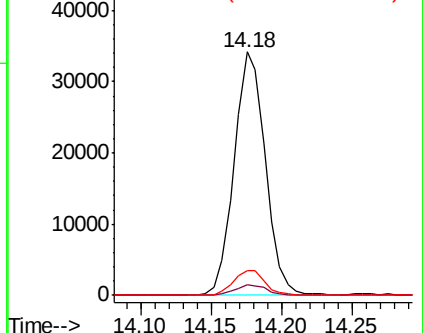
164 10.4 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.541 ng

RT: 14.73 min Scan# 1948

Delta R.T. 0.41 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

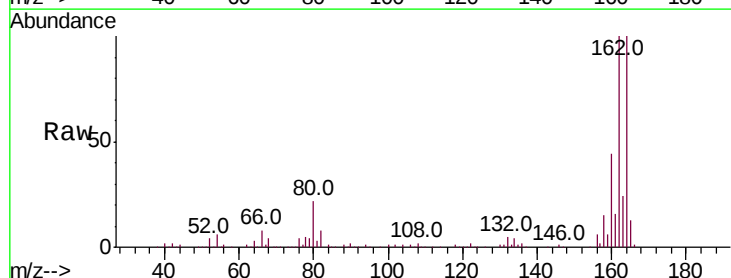
Tgt Ion:165 Resp: 22304

Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.2#

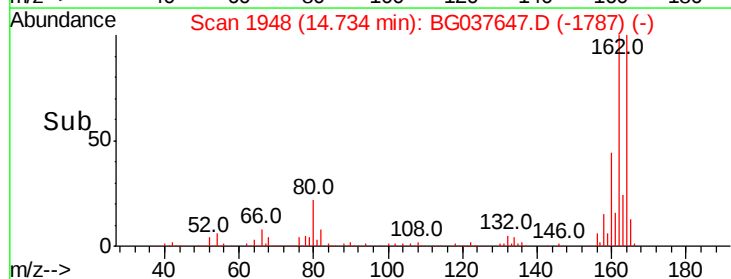
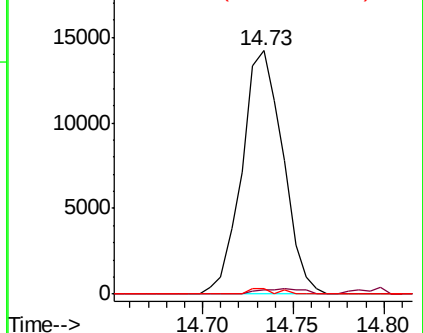
89 2.4 45.8 68.6#

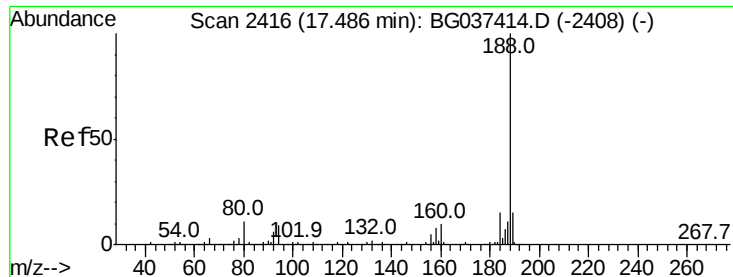


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

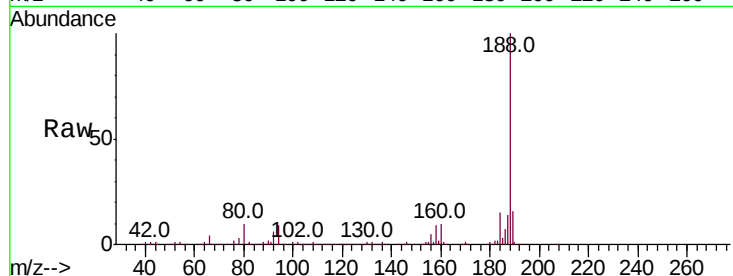
Tot Ion:188 Resp: 397991

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

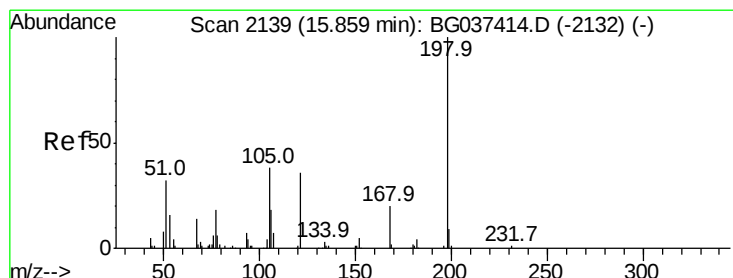
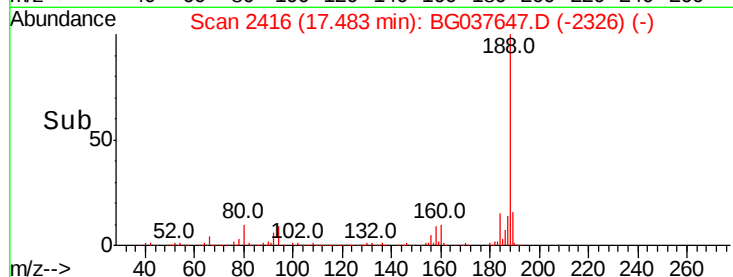
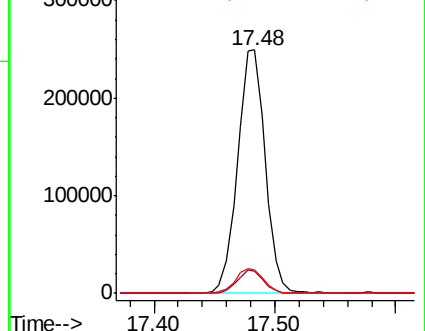
80 9.7 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.786 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037647.D

Acq: 30 Oct 2018 10:50

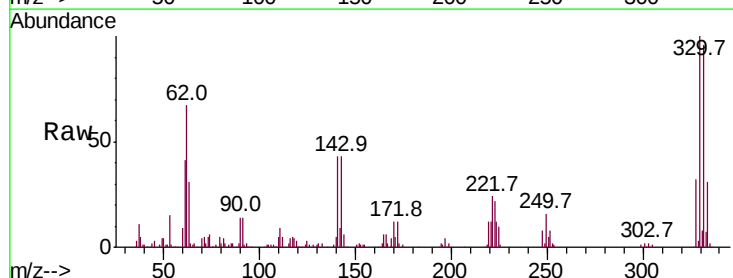
Tgt Ion:198 Resp: 707

Ion Ratio Lower Upper

198 100

51 37.2 22.7 62.7

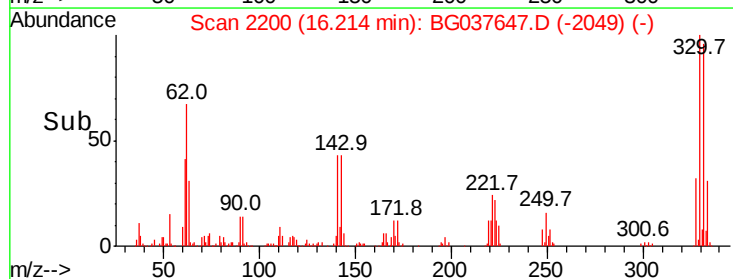
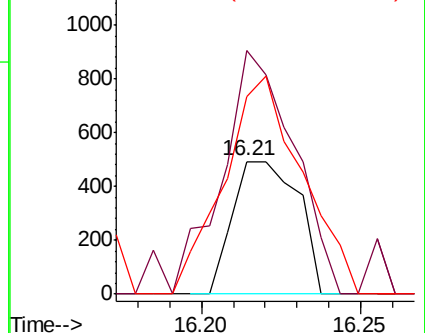
105 30.1 19.7 59.7

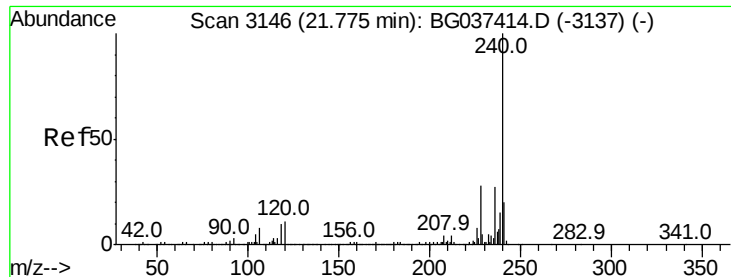


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

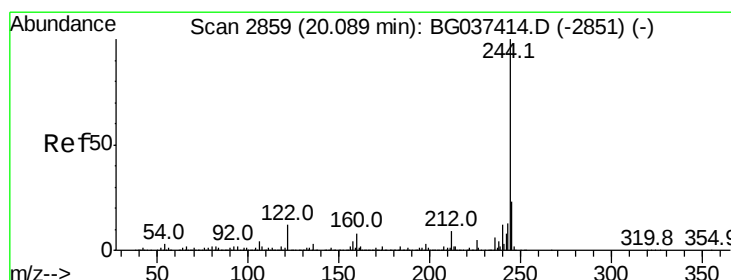
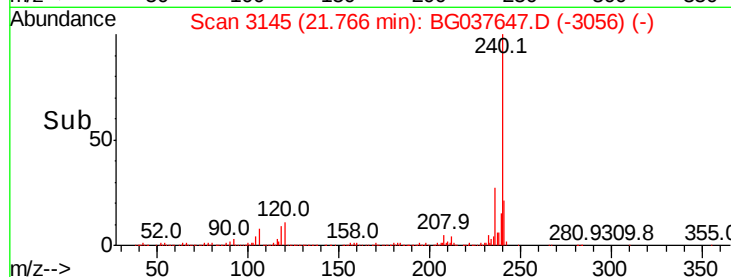
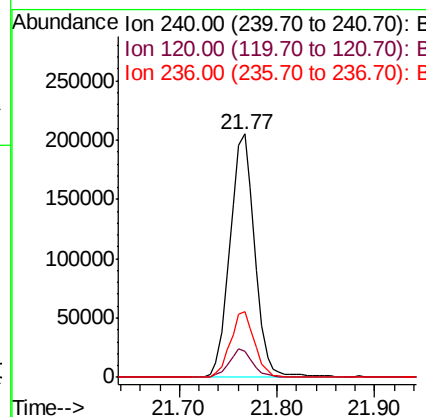
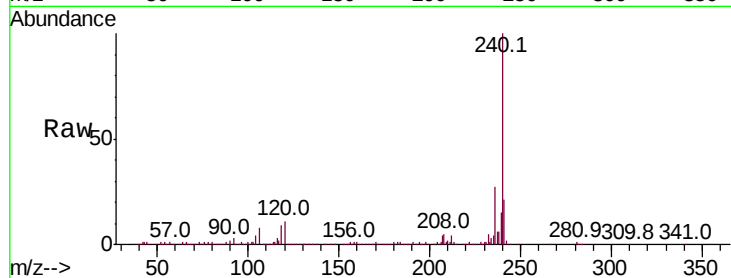




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG037647.D
 Acq: 30 Oct 2018 10:50

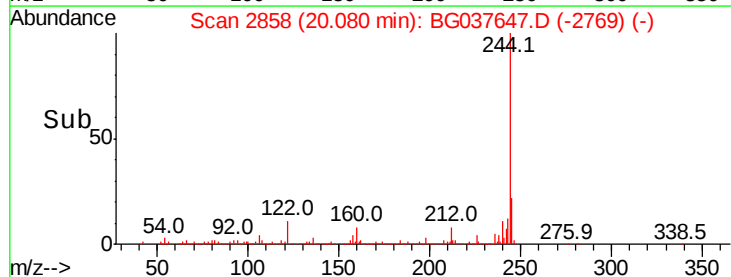
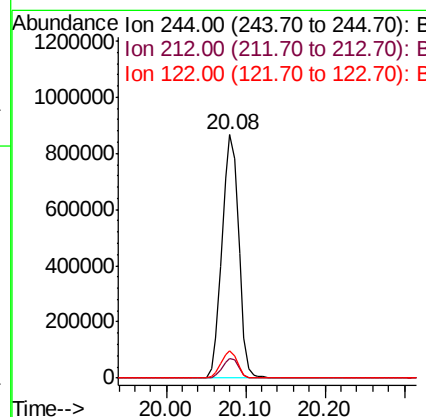
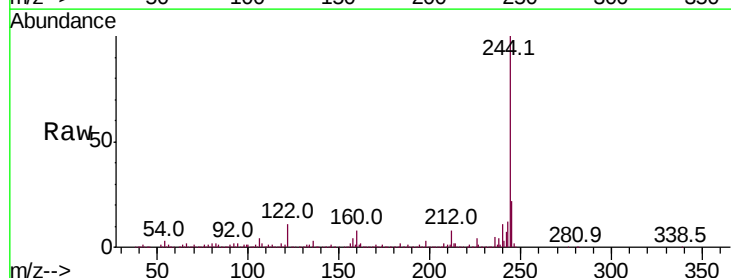
Instrument :
 BNA_G
 ClientSampleId :

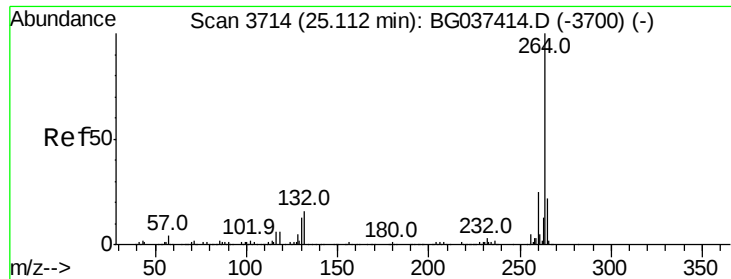
Tot Ion:240 Resp: 361599
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 26.9 21.4 32.0



#79
 Terphenyl-d14
 Concen: 75.145 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BG037647.D
 Acq: 30 Oct 2018 10:50

Tgt Ion:244 Resp: 1271660
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.4 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037647.D
Acq: 30 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.9	17.9	26.9

