

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110618\
 Data File : BG037846.D
 Acq On : 6 Nov 2018 20:02
 Operator : JU/SJ
 Sample : J5804-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 08:21:13 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

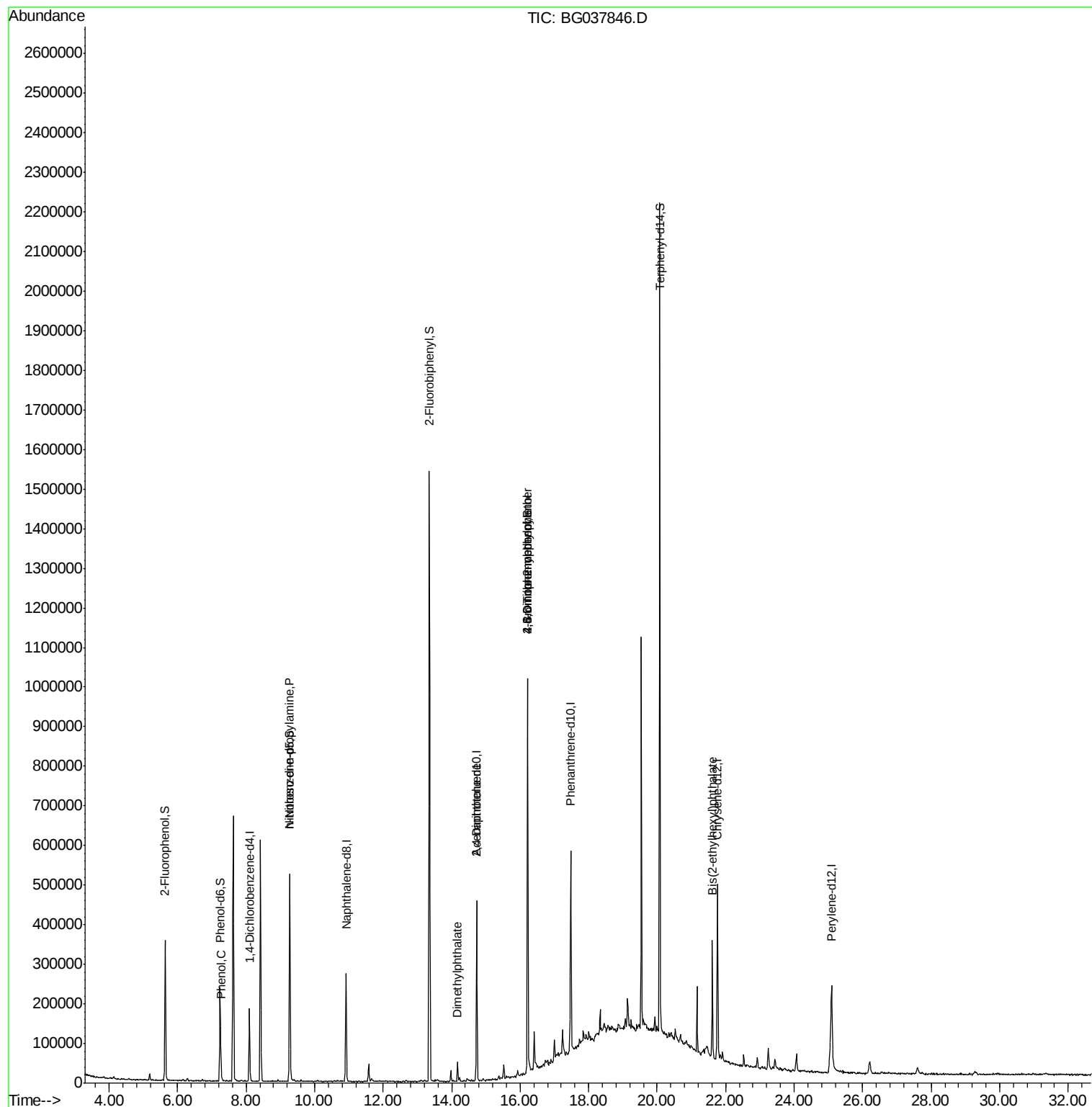
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54663	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	249696	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	159899	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	325906	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	301410	20.00	ng	-0.02
87) Perylene-d12	25.09	264	290165	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	169832	51.94	ng	-0.01
7) Phenol-d6	7.24	99	152977	30.94	ng	-0.01
23) Nitrobenzene-d5	9.27	82	337039	75.61	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	185913	106.60	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	838988	79.12	ng	-0.02
79) Terphenyl-d14	20.08	244	1027803	72.86	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	25571	4.90	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	9.27	70	41981	12.33	ng	# 73
50) Dimethylphthalate	14.17	163	34252	2.77	ng	98
57) 2,4-Dinitrotoluene	14.73	165	20636	5.74	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	582	8.79	ng	73
67) 4-Bromophenyl-phenylether	16.22	248	13044	3.64	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.61	149	128752	11.39	ng	100

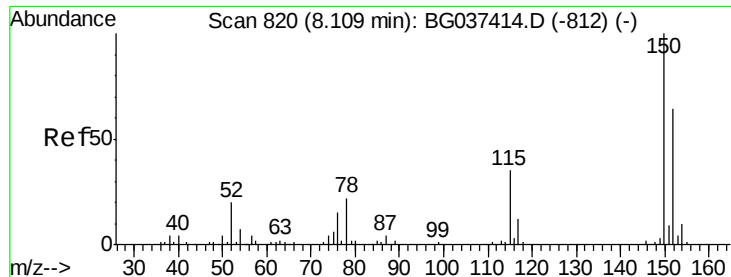
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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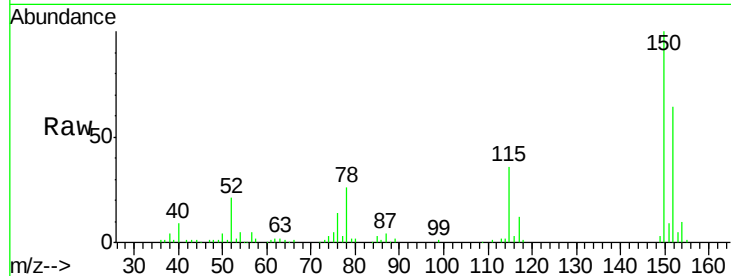


#1

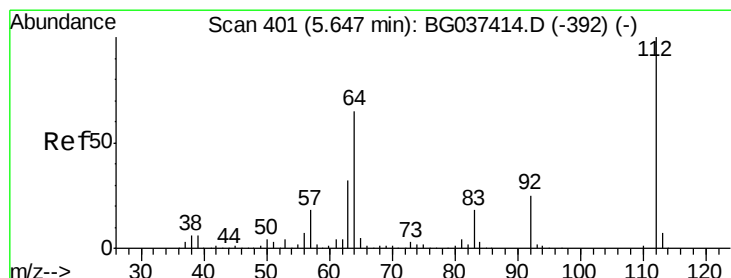
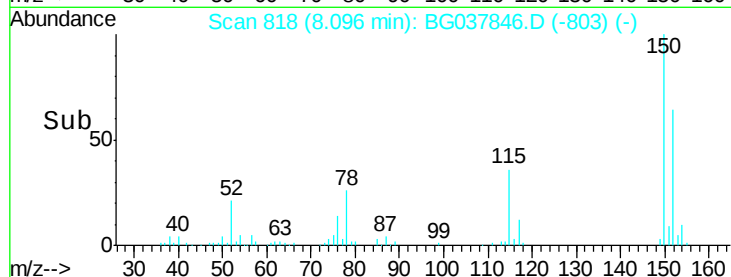
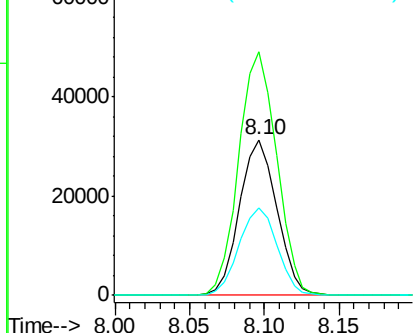
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037846.D
Acq: 6 Nov 2018 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54663
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 56.3 45.5 68.3



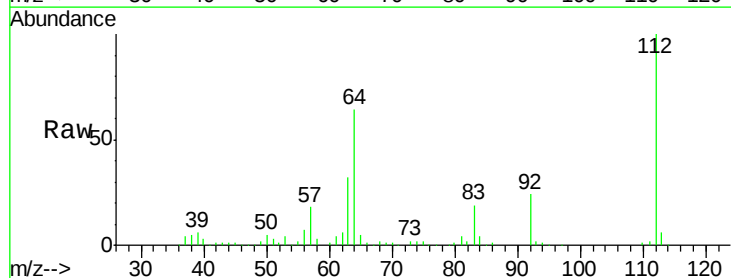
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



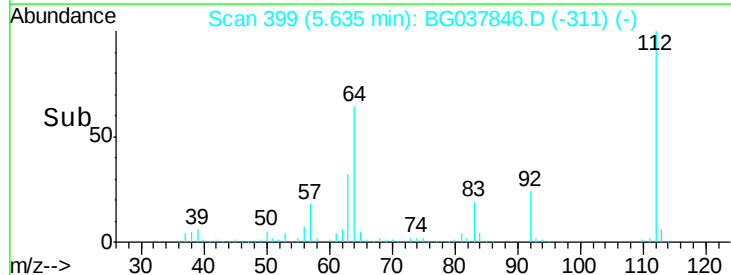
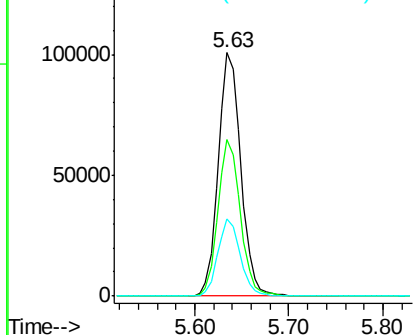
#5

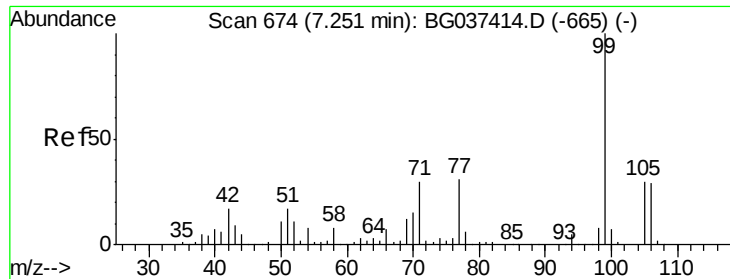
2-Fluorophenol
Concen: 51.94 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037846.D
Acq: 6 Nov 2018 20:02

Tgt Ion:112 Resp: 169832
Ion Ratio Lower Upper
112 100
64 64.1 53.1 79.7
63 31.6 27.3 40.9



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: 30.94 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

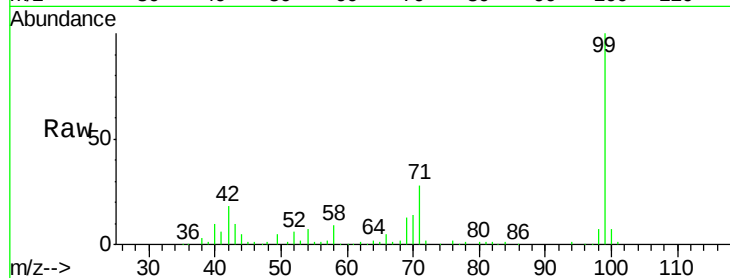
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 152977

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	27.5	25.5	38.3

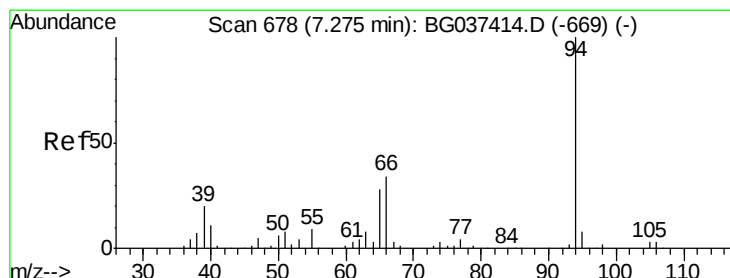
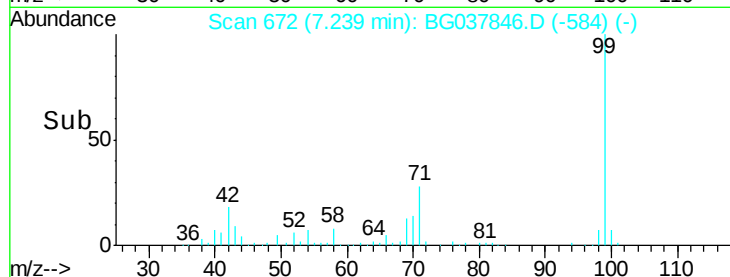


Abundance

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: 4.90 ng

RT: 7.26 min Scan# 676

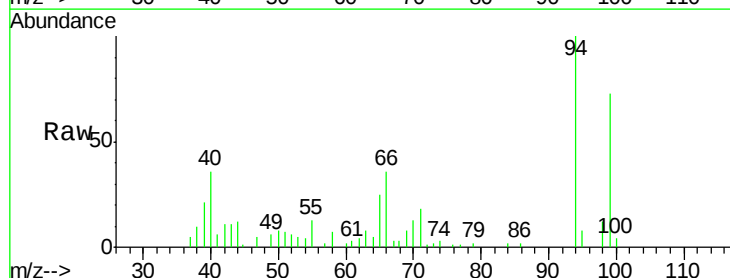
Delta R.T. -0.01 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Tgt Ion: 94 Resp: 25571

Ion	Ratio	Lower	Upper
94	100		
65	24.8	9.7	49.7
66	36.4	15.9	55.9

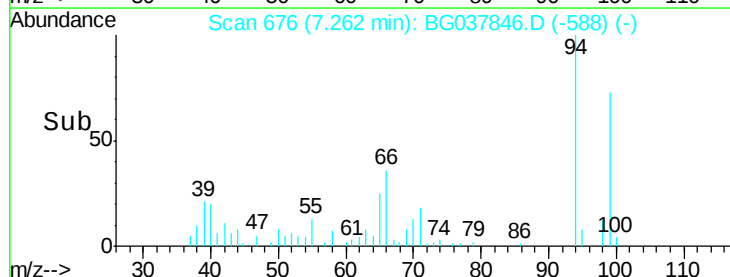


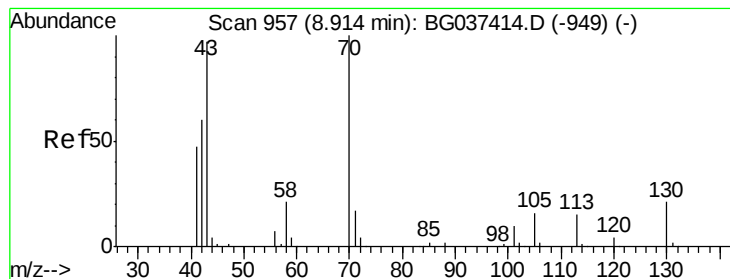
Abundance

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: 12.33 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 41981

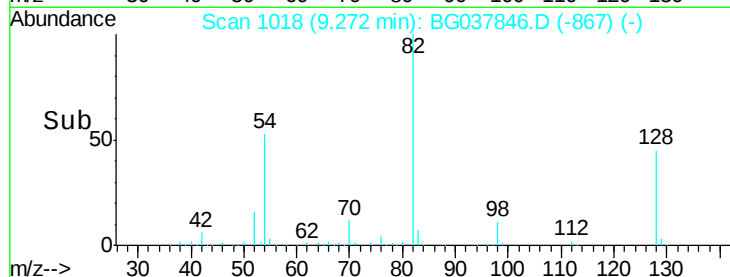
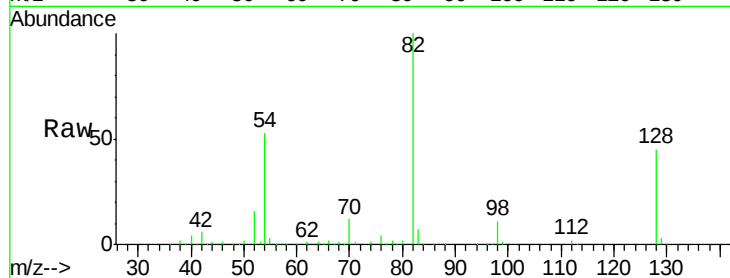
Ion Ratio Lower Upper

70 100

42 48.9 53.9 80.9#

101 0.0 8.2 12.2#

130 3.6 18.2 27.4#

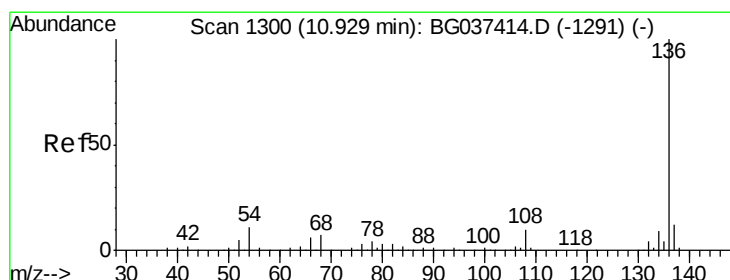
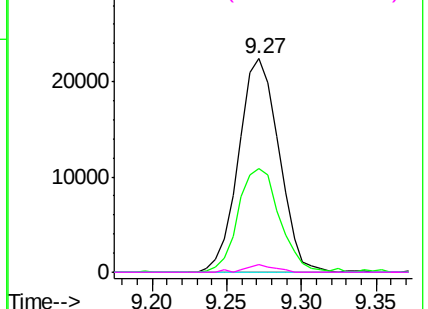


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 20.00 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Tgt Ion: 136 Resp: 249696

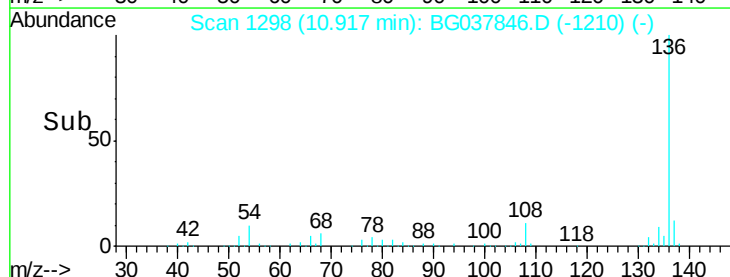
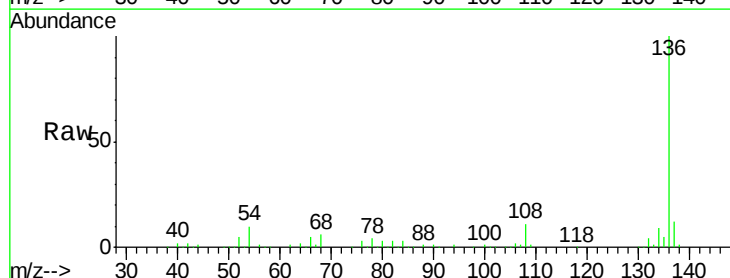
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 10.3 7.9 11.9

68 6.2 4.8 7.2

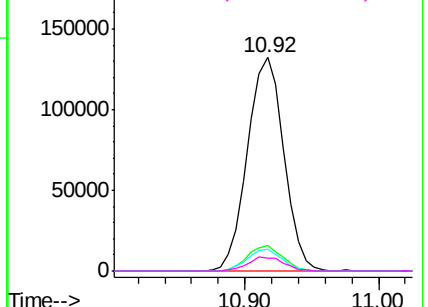


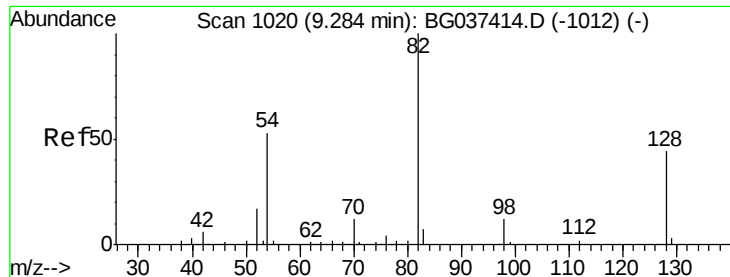
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

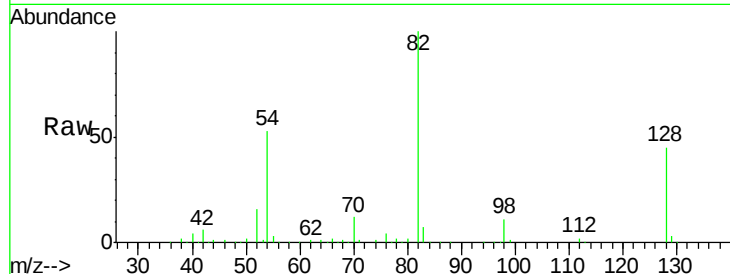




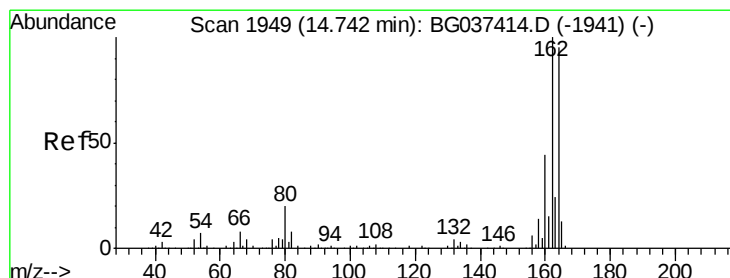
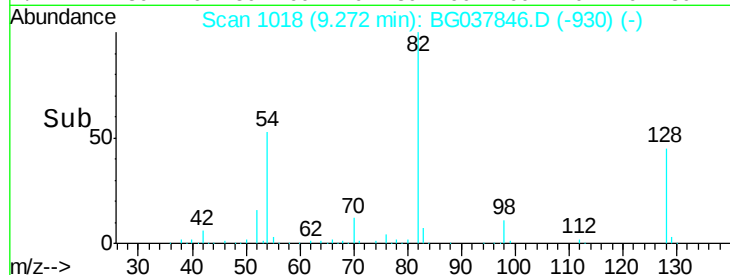
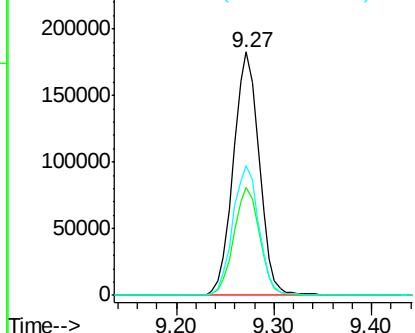
#23
Nitrobenzene-d5
Concen: 75.61 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037846.D
Acq: 6 Nov 2018 20:02

Instrument :
BNA_G
ClientSampleID :

Tot Ion	82	Resp	337039
Ion Ratio	Lower	Upper	
82	100		
128	44.6	34.6	51.8
54	53.5	45.3	67.9

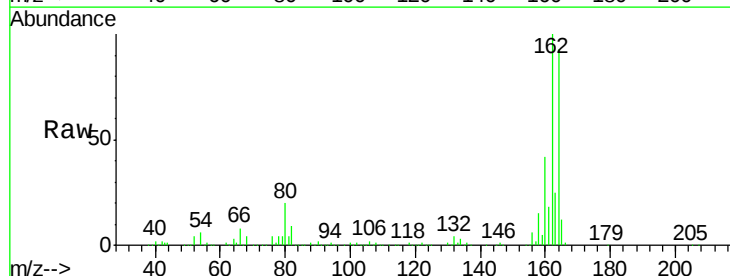


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

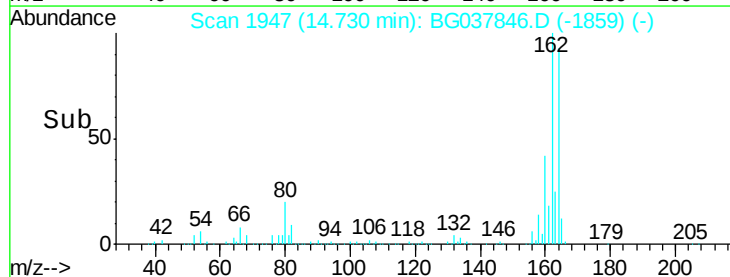
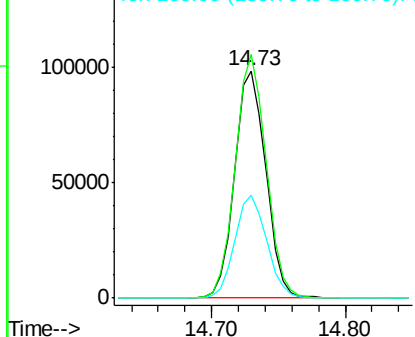


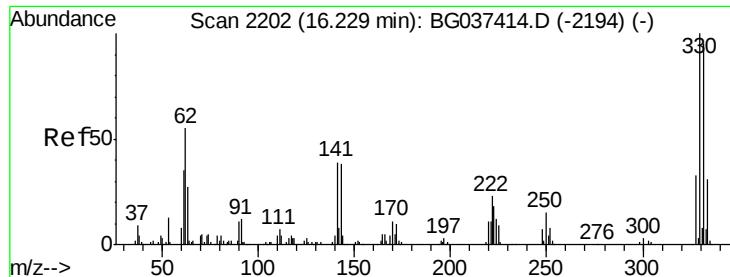
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037846.D
Acq: 6 Nov 2018 20:02

Tgt Ion	164	Resp	159899
Ion Ratio	Lower	Upper	
164	100		
162	107.0	81.3	121.9
160	45.1	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

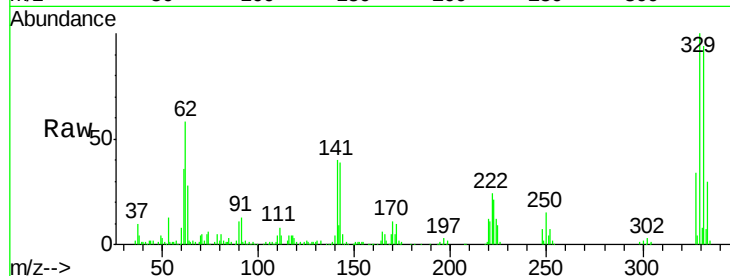




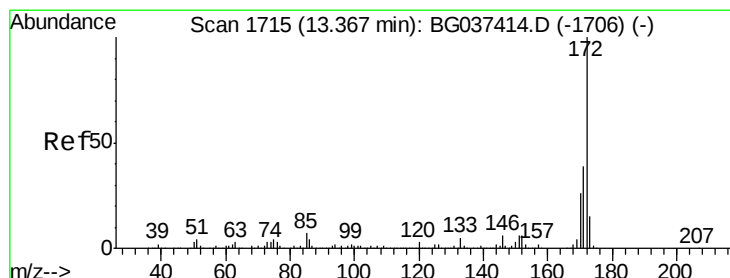
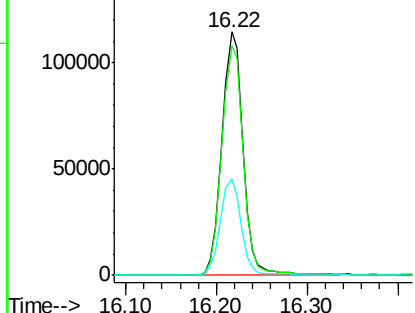
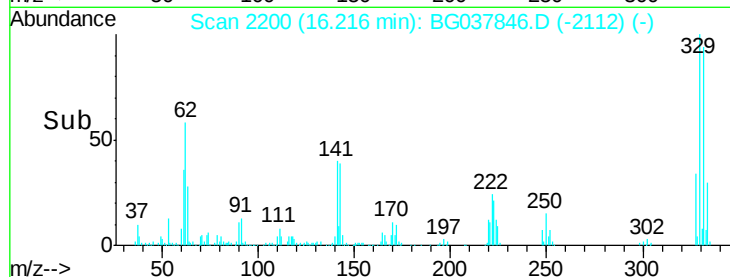
#42
 2,4,6-Tribromophenol
 Concen: 106.60 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037846.D
 Acq: 6 Nov 2018 20:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	39.7	32.2	48.2

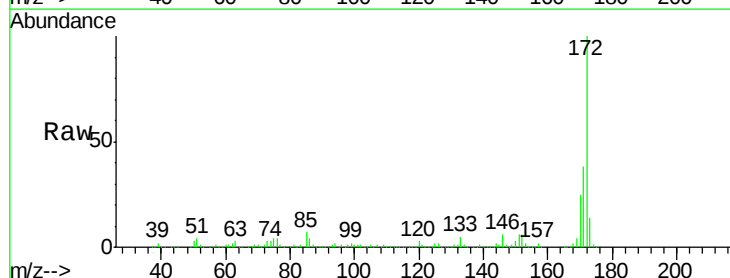


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

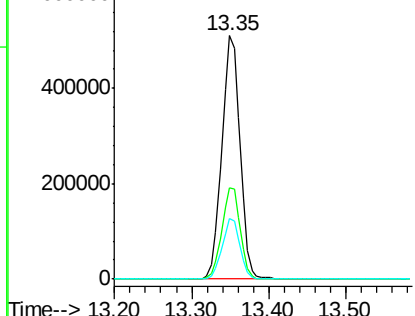
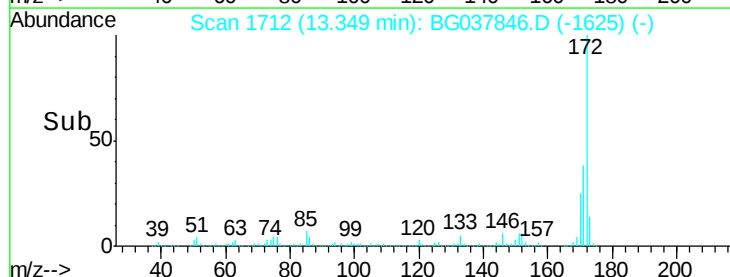


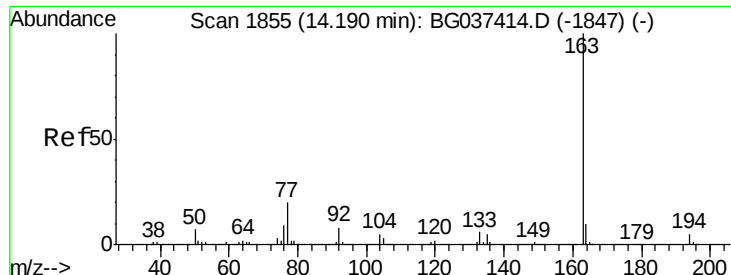
#45
 2-Fluorobiphenyl
 Concen: 79.12 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037846.D
 Acq: 6 Nov 2018 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.0	46.4
170	25.1	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: 2.77 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

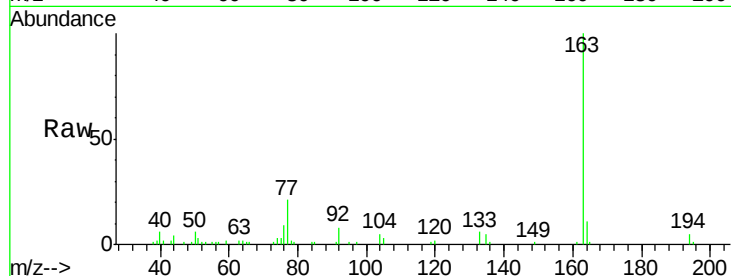
Tot Ion:163 Resp: 34252

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

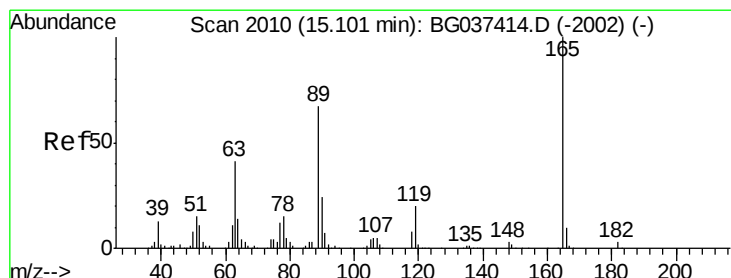
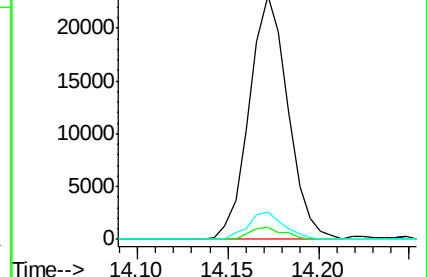
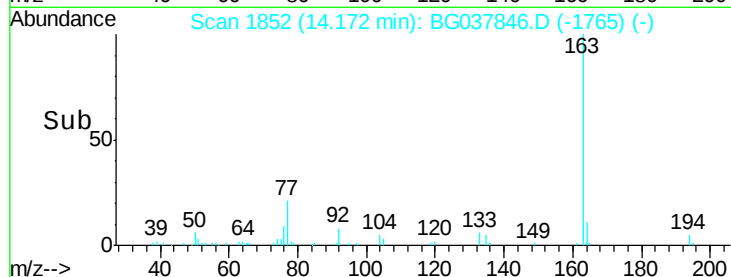
164 11.4 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.74 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.37 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Tgt Ion:165 Resp: 20636

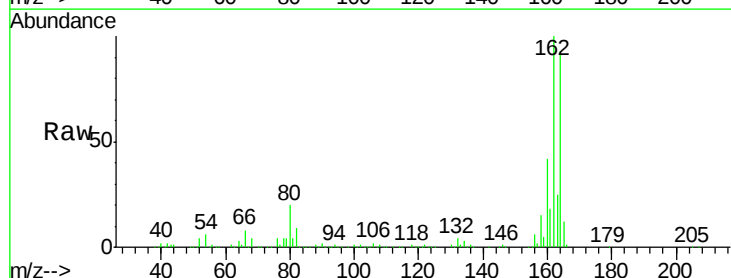
Ion Ratio Lower Upper

165 100

63 2.1 33.4 50.0#

89 1.7 57.2 85.8#

182 0.0 2.6 4.0#

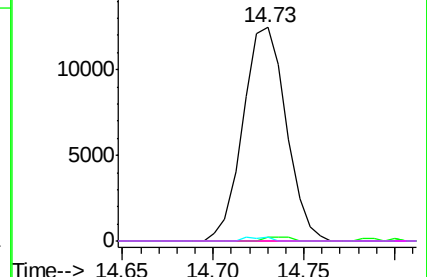
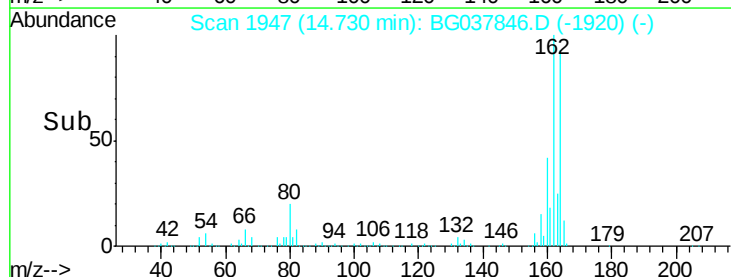


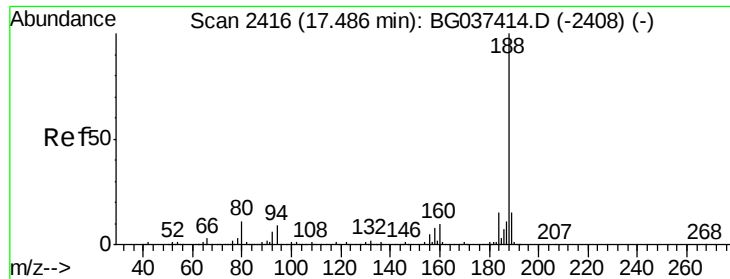
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

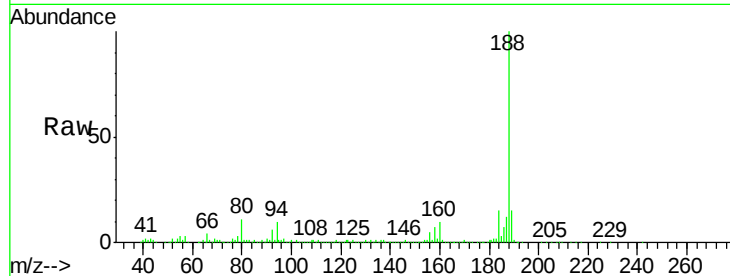
Tot Ion:188 Resp: 325906

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

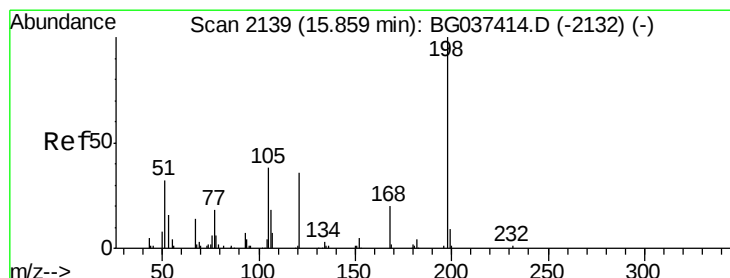
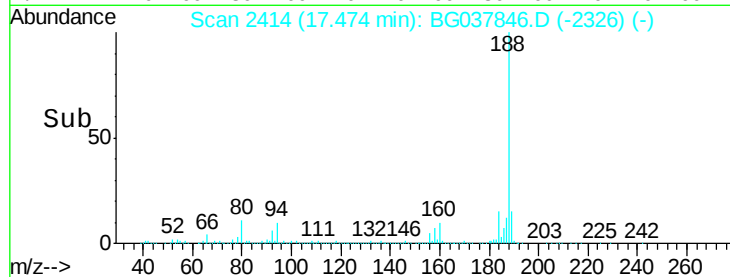
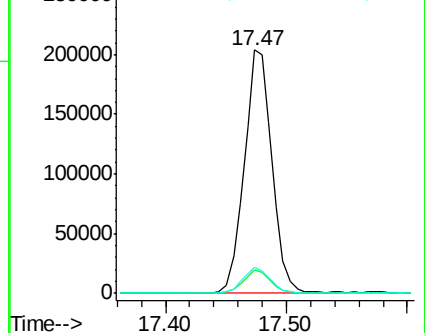
80 10.8 7.7 11.5



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: 8.79 ng

RT: 16.22 min Scan# 2201

Delta R.T. 0.36 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

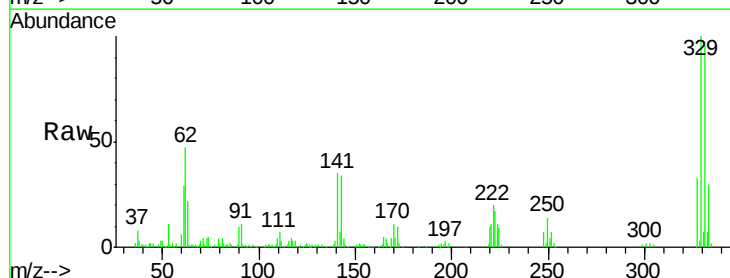
Tgt Ion:198 Resp: 582

Ion Ratio Lower Upper

198 100

51 23.4 22.7 62.7

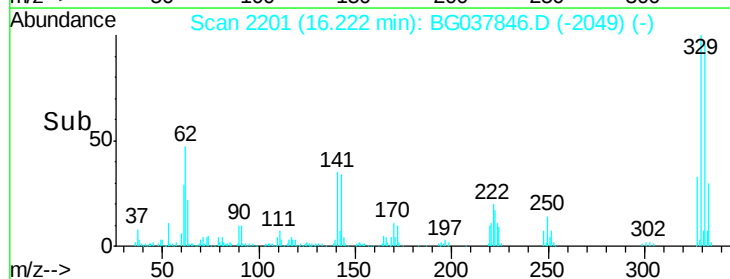
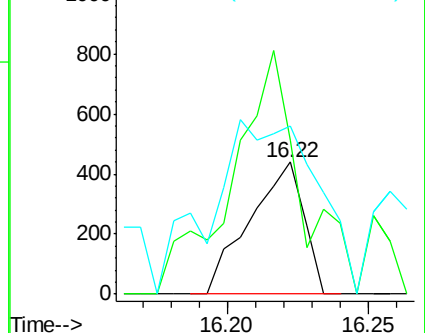
105 25.7 19.7 59.7

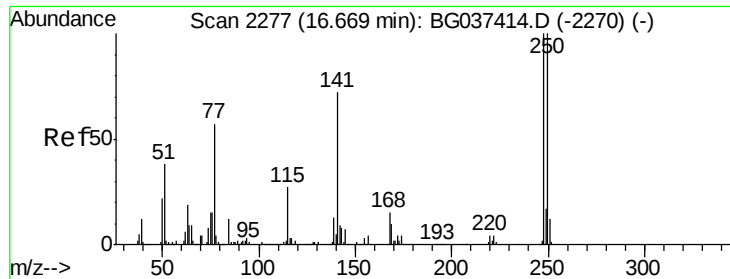


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.64 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

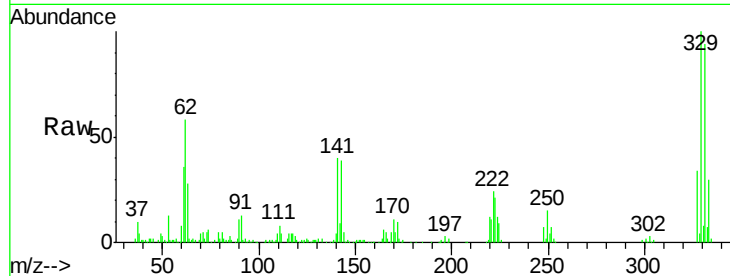
Tot Ion:248 Resp: 13044

Ion Ratio Lower Upper

248 100

250 205.3 77.0 115.6#

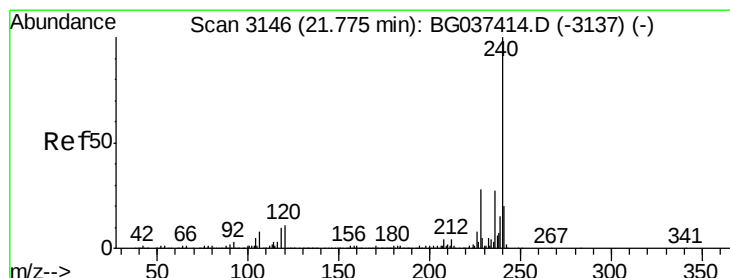
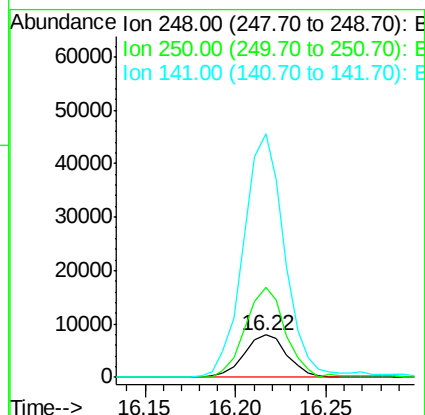
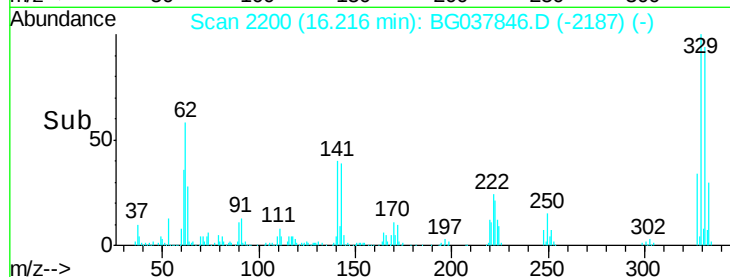
141 428.5 55.5 83.3#



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



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

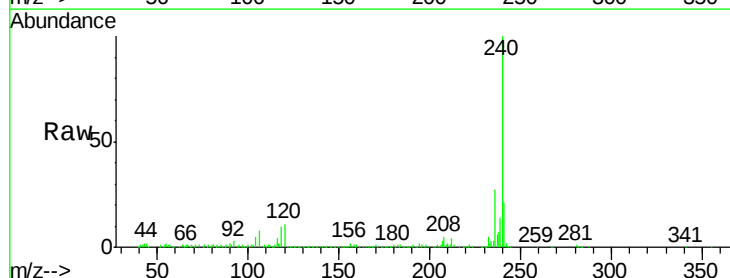
Tgt Ion:240 Resp: 301410

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

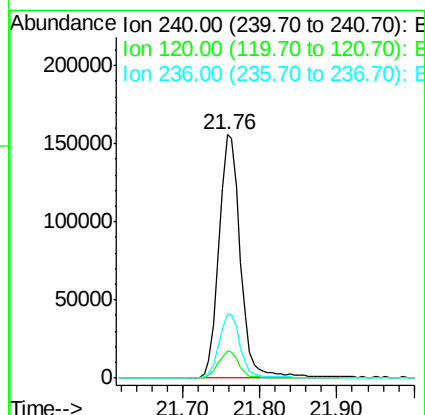
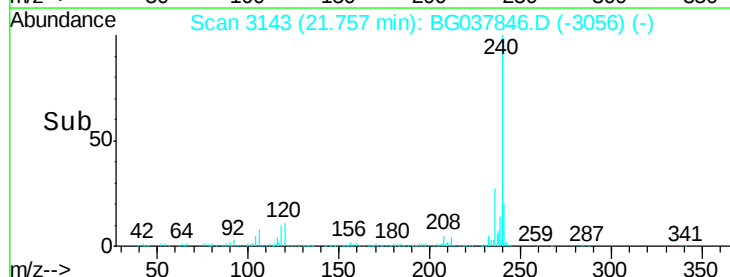
236 26.7 21.4 32.0

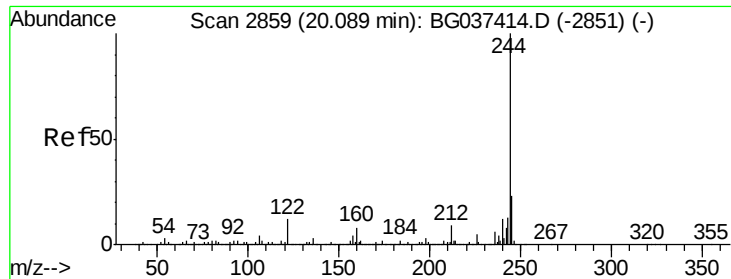


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.86 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

Instrument :

BNA_G

ClientSampled :

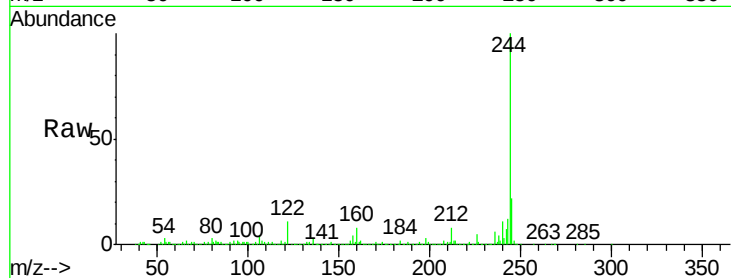
Tot Ion:244 Resp: 1027803

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

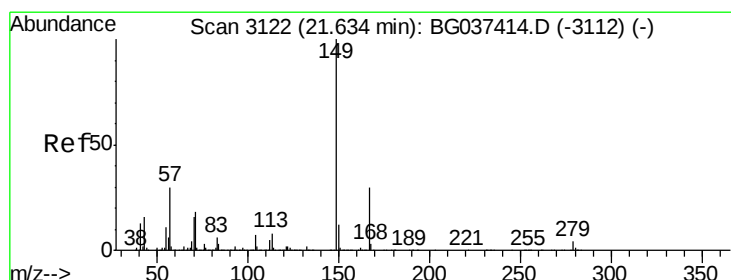
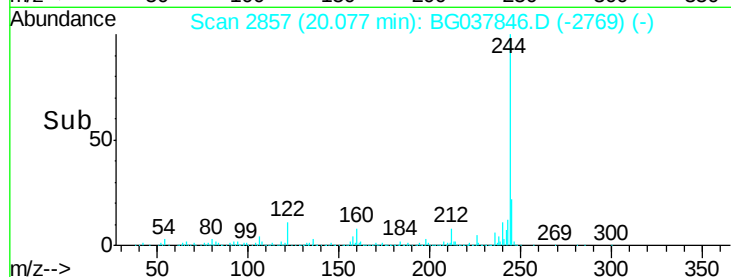
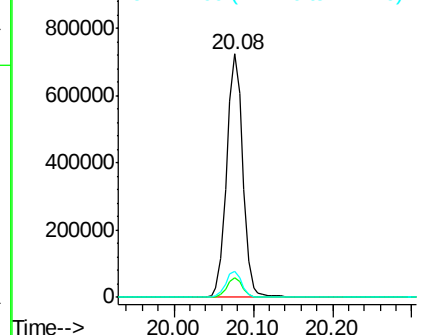
122 10.6 9.0 13.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.39 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG037846.D

Acq: 6 Nov 2018 20:02

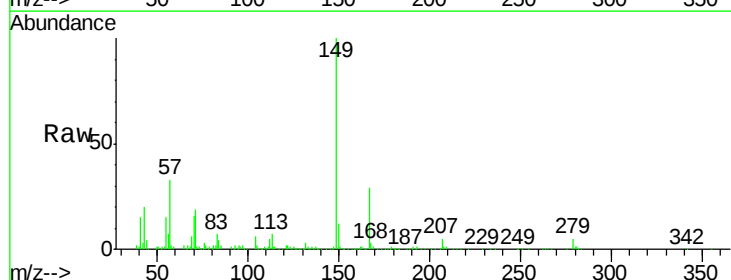
Tgt Ion:149 Resp: 128752

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

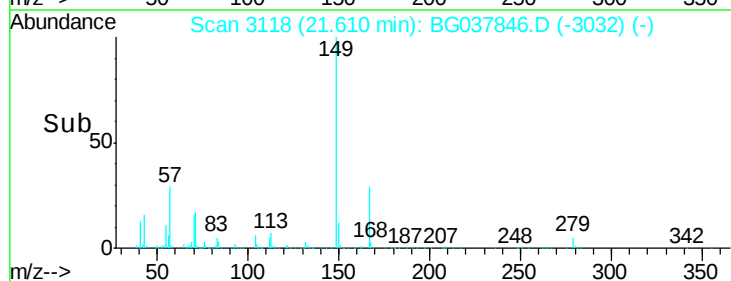
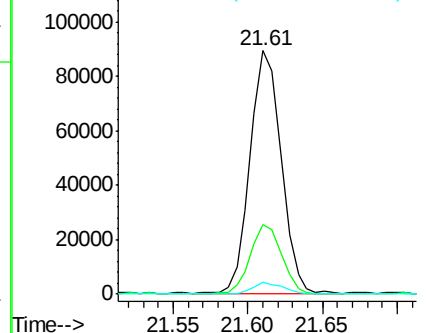
279 4.9 3.6 5.4

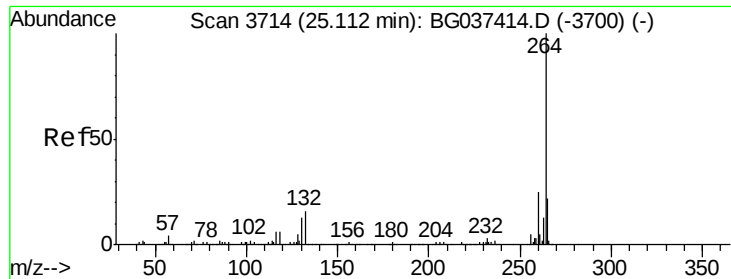


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037846.D
Acq: 6 Nov 2018 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 290165
Ion Ratio Lower Upper
264 100
260 22.6 18.2 27.4
265 21.4 17.9 26.9

