

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037802.D
 Acq On : 5 Nov 2018 14:32
 Operator : JU/SJ
 Sample : J5692-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 15:55:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	72972	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	327794	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	209429	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	446855	20.00	ng	0.00
76) Chrysene-d12	21.76	240	402227	20.00	ng	0.00
87) Perylene-d12	25.09	264	355919	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	156149	35.78	ng	0.00
7) Phenol-d6	7.24	99	139727	21.17	ng	0.00
23) Nitrobenzene-d5	9.27	82	338397	57.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	179538	78.60	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	827840	59.61	ng	0.00
79) Terphenyl-d14	20.07	244	1094877	58.16	ng	0.00

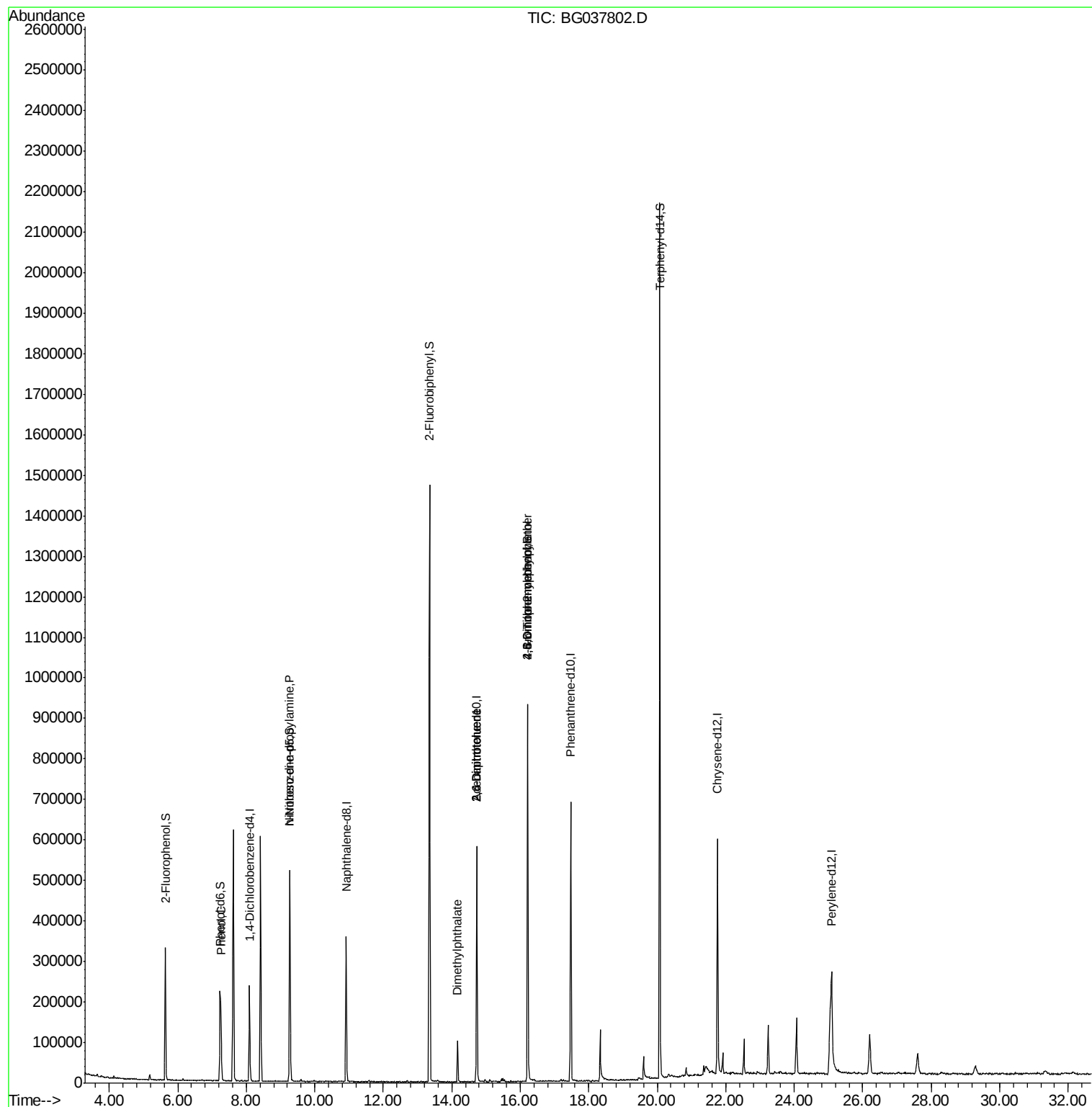
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.27	94	112991	16.226	ng	95
19) n-Nitroso-di-n-propylamine	9.27	70	42766	9.410	ng	# 71
50) Dimethylphthalate	14.17	163	76865	4.744	ng	98
51) 2,6-Dinitrotoluene	14.73	165	27598	7.700	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	27598	5.866	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	258	8.598	ng	79
67) 4-Bromophenyl-phenylether	16.21	248	13346	2.720	ng	# 1

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

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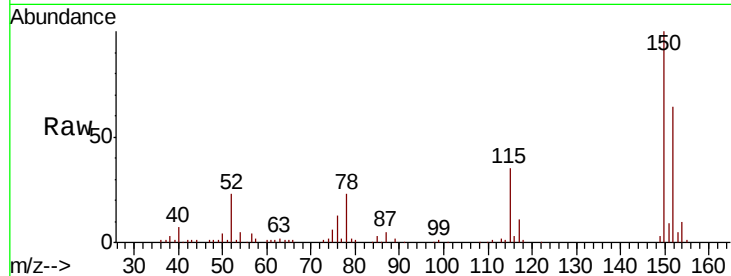




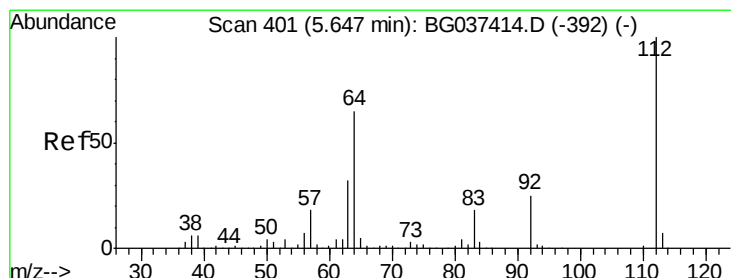
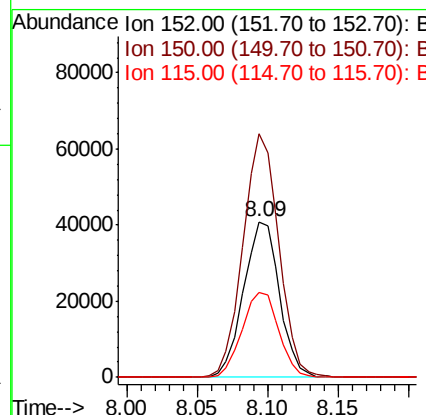
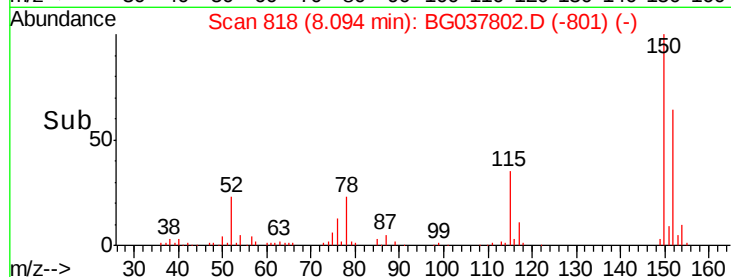
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 72972
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.0 189.0
 115 54.5 45.5 68.3

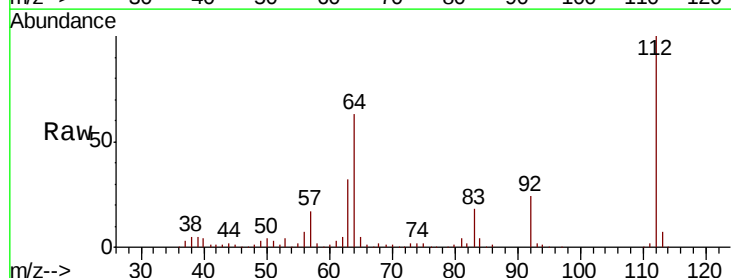


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

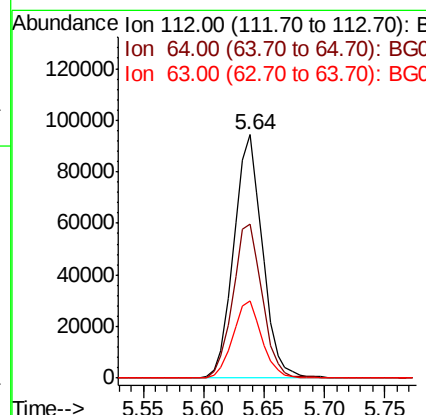
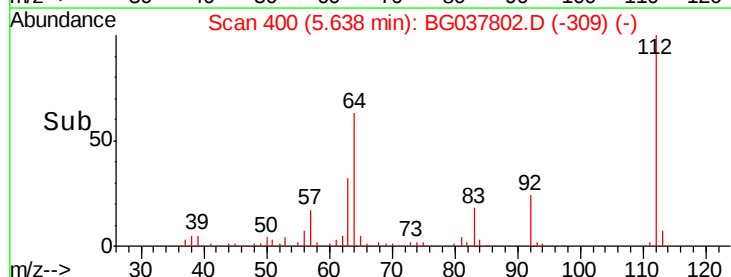


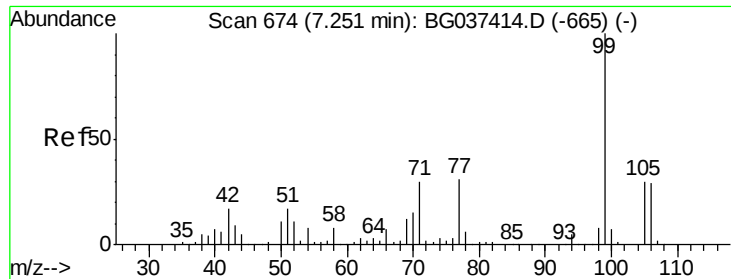
#5
 2-Fluorophenol
 Concen: 35.775 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Tgt Ion:112 Resp: 156149
 Ion Ratio Lower Upper
 112 100
 64 63.0 53.1 79.7
 63 31.9 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: 21.171 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Instrument :

BNA_G

ClientSampled :

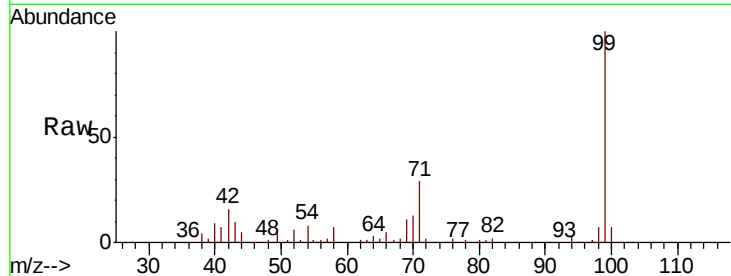
Tot Ion: 99 Resp: 139727

Ion Ratio Lower Upper

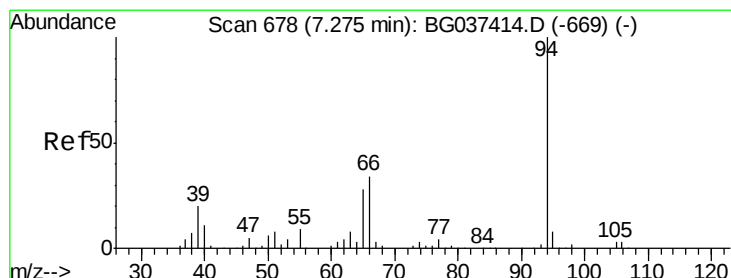
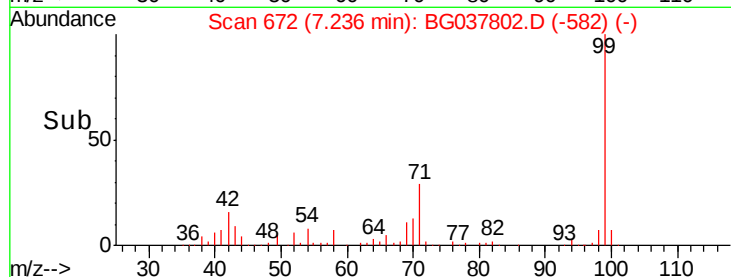
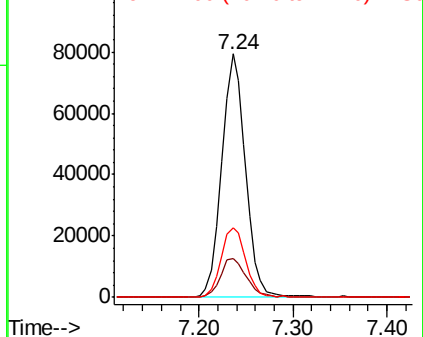
99 100

42 16.0 15.0 22.4

71 28.5 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: 16.226 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

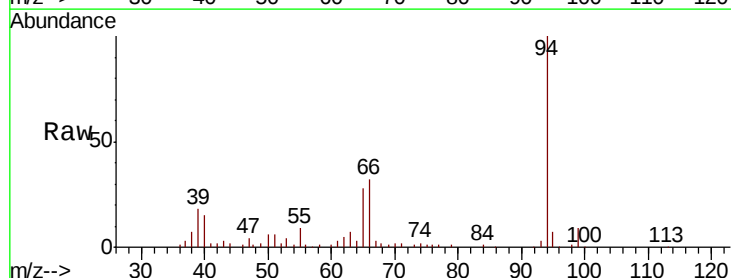
Tgt Ion: 94 Resp: 112991

Ion Ratio Lower Upper

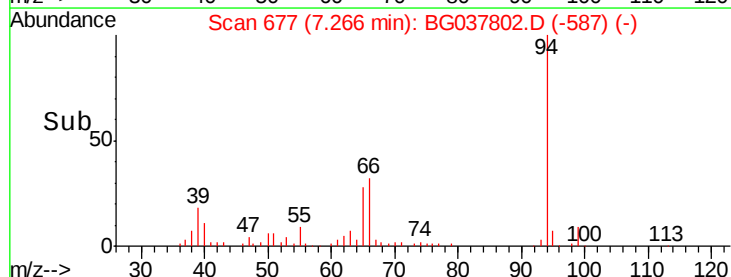
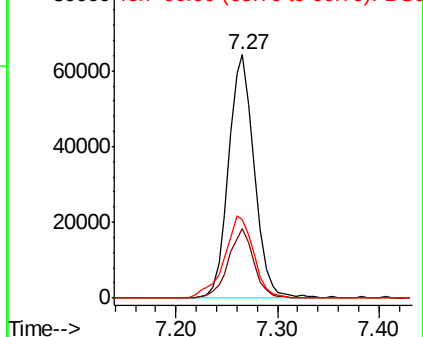
94 100

65 28.3 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: 9.410 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.37 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 42766

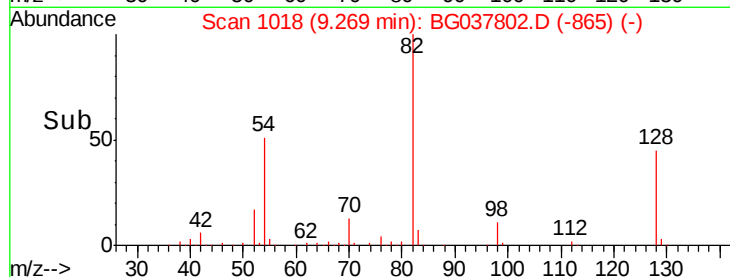
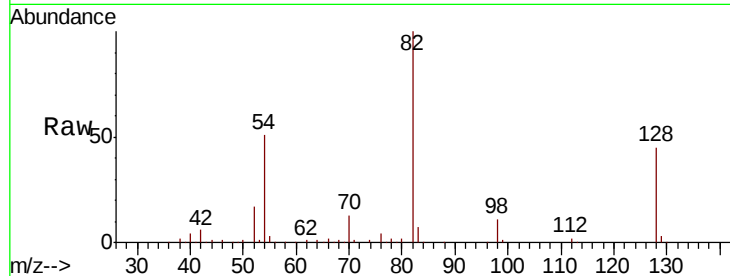
Ion Ratio Lower Upper

70 100

42 47.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#

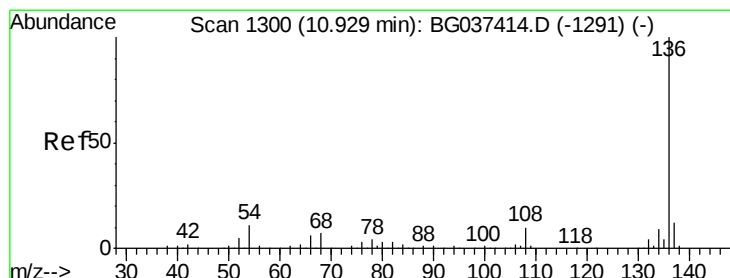
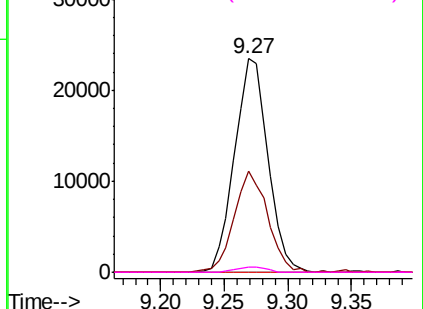


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Tgt Ion: 136 Resp: 327794

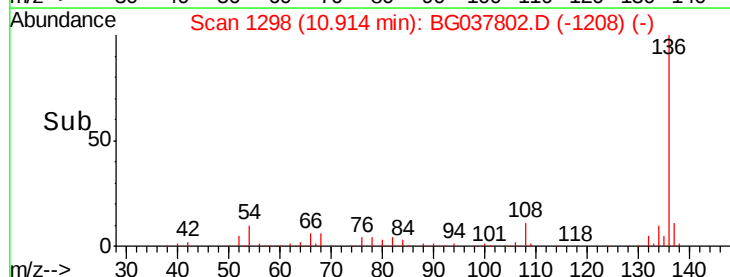
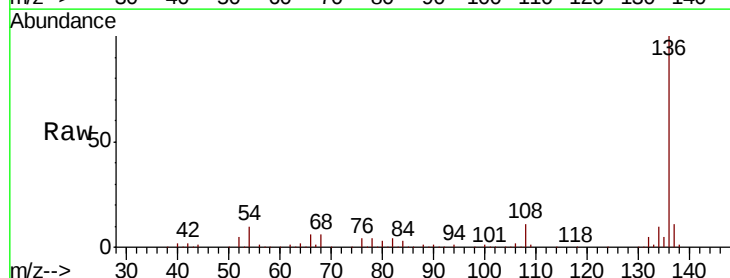
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 10.3 7.9 11.9

68 6.2 4.8 7.2

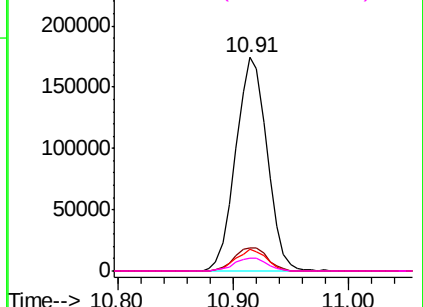


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

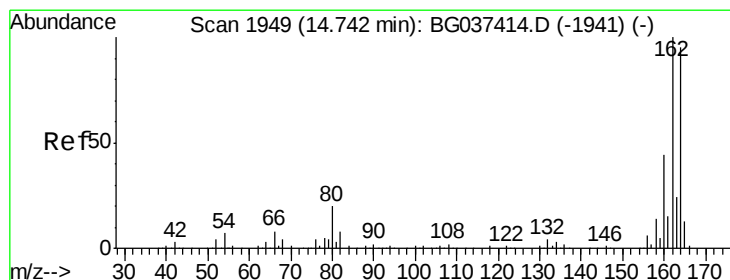
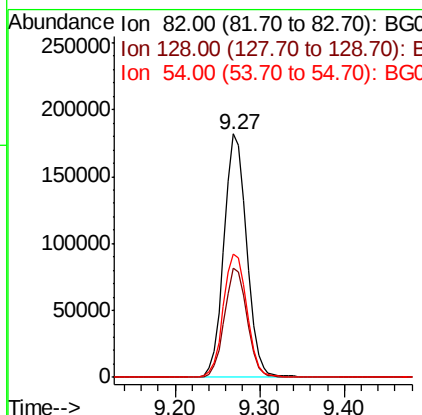
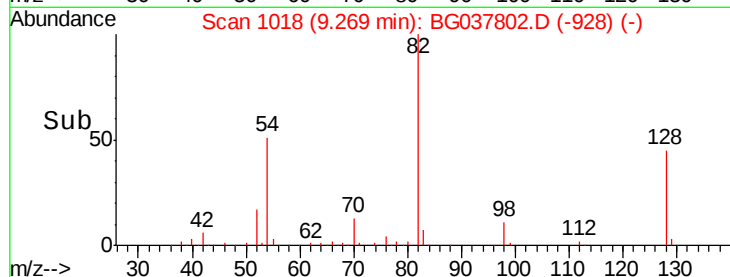
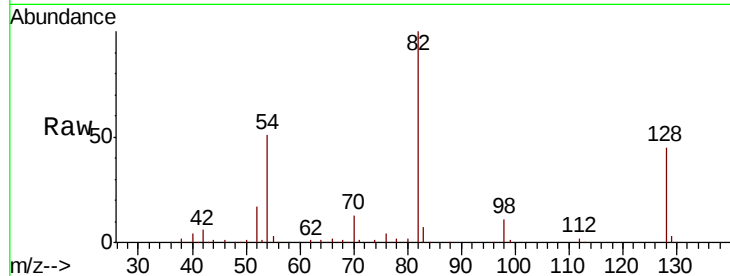




#23
Nitrobenzene-d5
Concen: 57.831 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

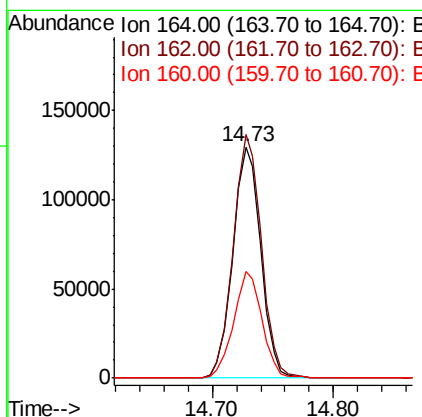
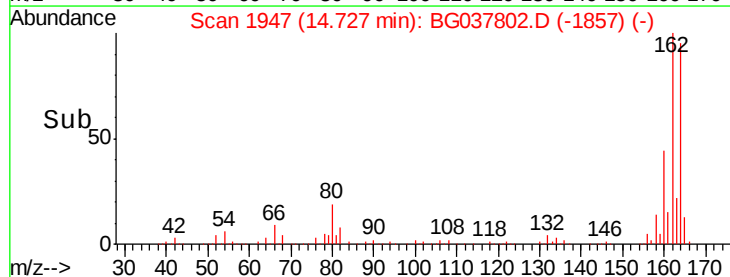
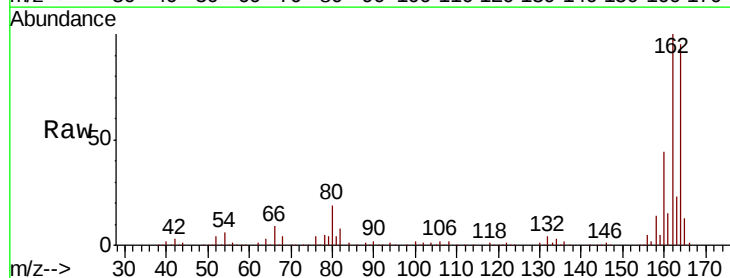
Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	338397
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.6	51.8
54	50.7	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Tgt Ion	164	Resp	209429
Ion Ratio	Lower	Upper	
164	100		
162	105.4	81.3	121.9
160	46.0	36.3	54.5

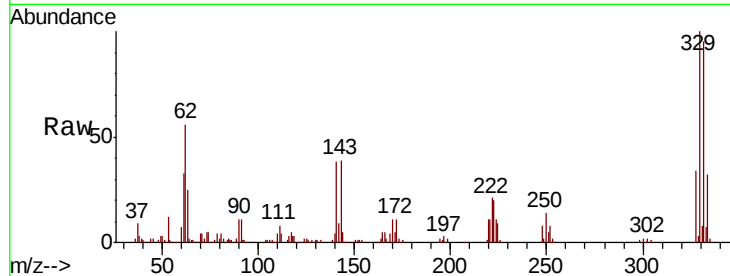




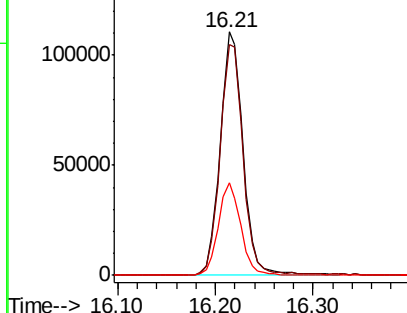
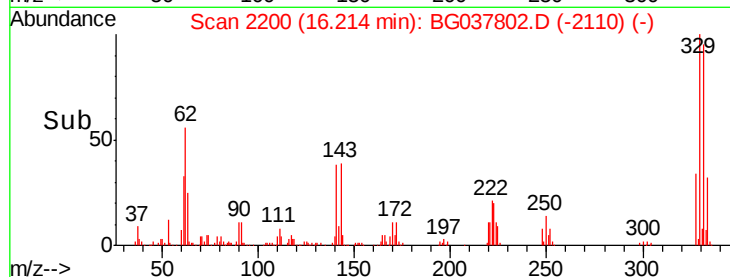
#42
 2,4,6-Tribromophenol
 Concen: 78.599 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 179538
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.4 117.6
 141 37.4 32.2 48.2

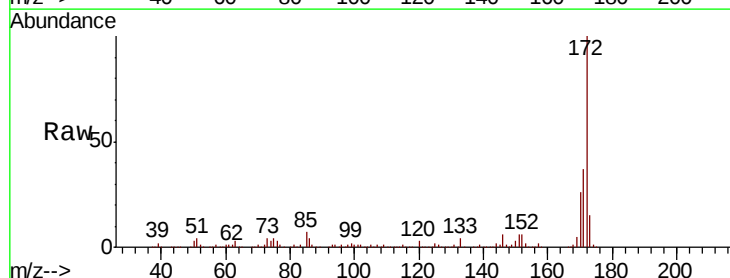


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

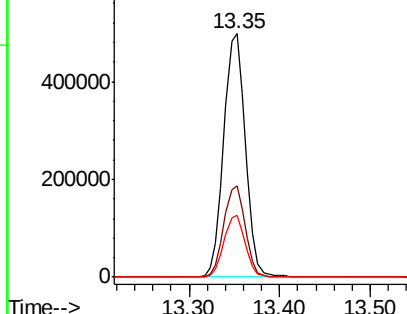
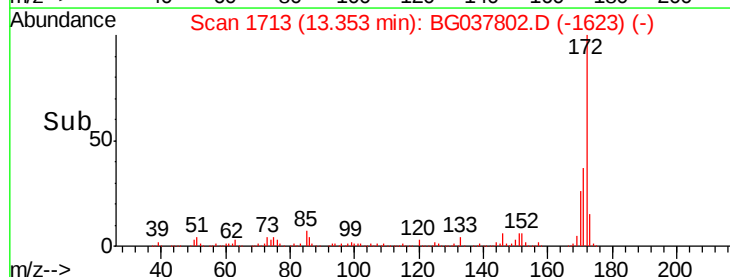


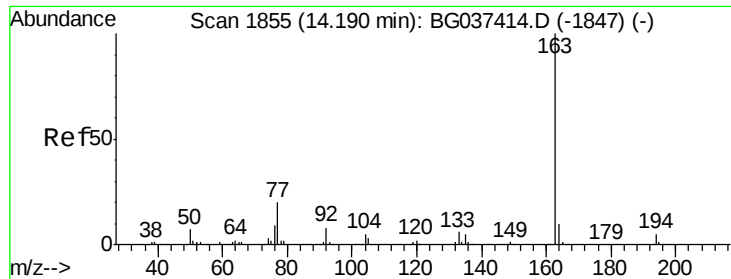
#45
 2-Fluorobiphenyl
 Concen: 59.607 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Tgt Ion:172 Resp: 827840
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 25.6 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: 4.744 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Instrument :

BNA_G

ClientSampleId :

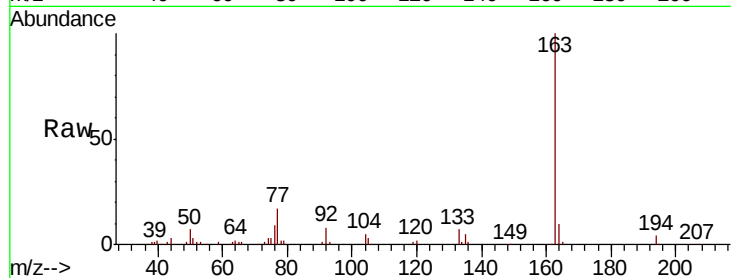
Tot Ion:163 Resp: 76865

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

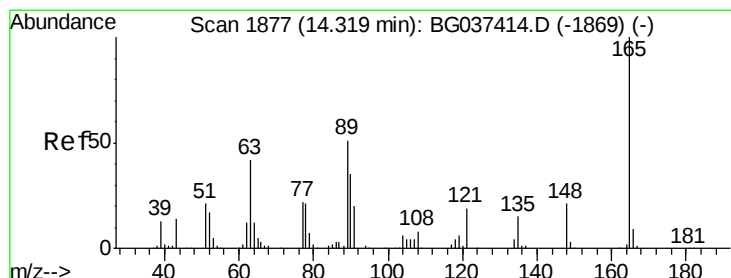
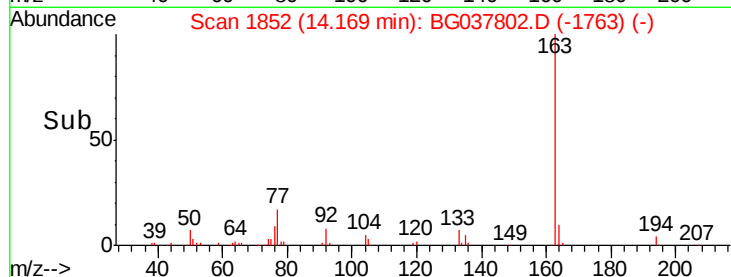
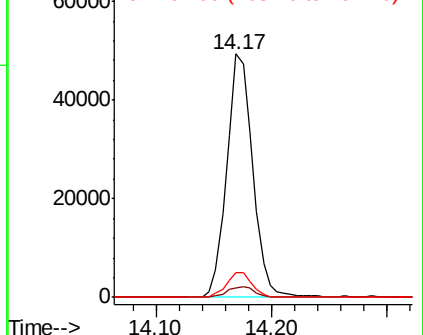
164 9.9 8.5 12.7



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: 7.700 ng

RT: 14.73 min Scan# 1947

Delta R.T. 0.41 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

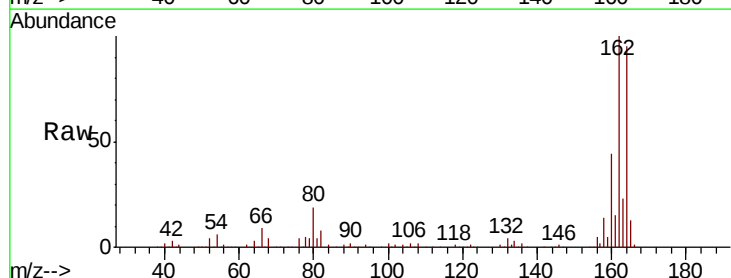
Tgt Ion:165 Resp: 27598

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

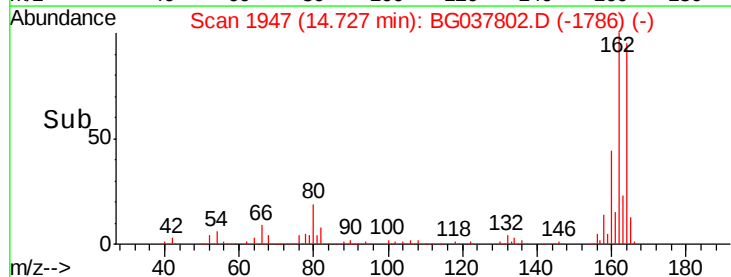
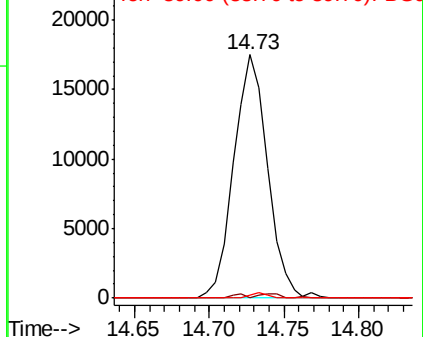
89 1.2 45.8 68.6#

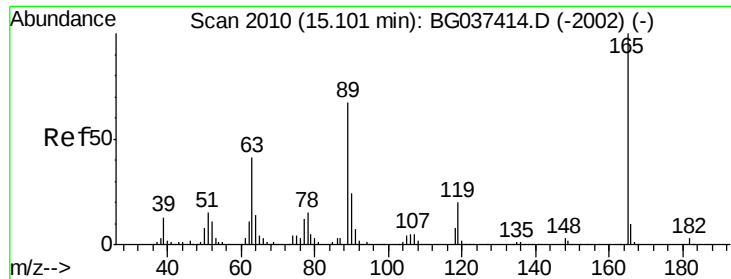


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

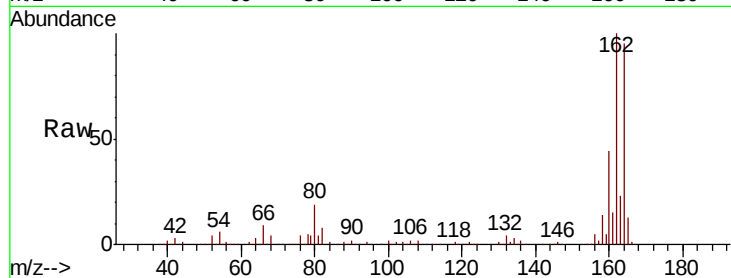




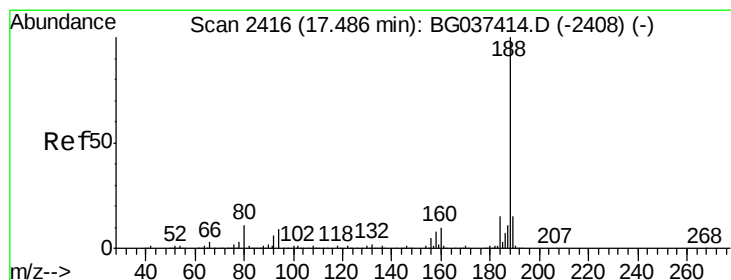
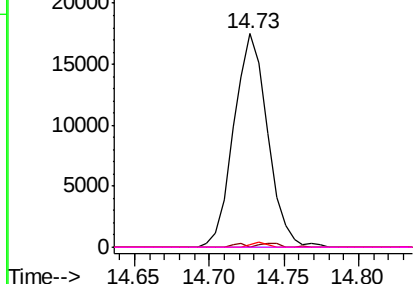
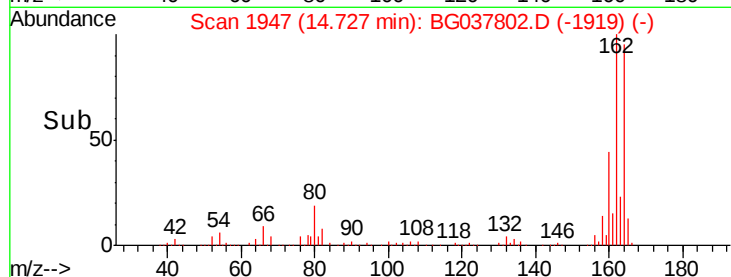
#57
 2,4-Dinitrotoluene
 Concen: 5.866 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	27598
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	1.2	57.2 85.8#
182	0.0	2.6 4.0#

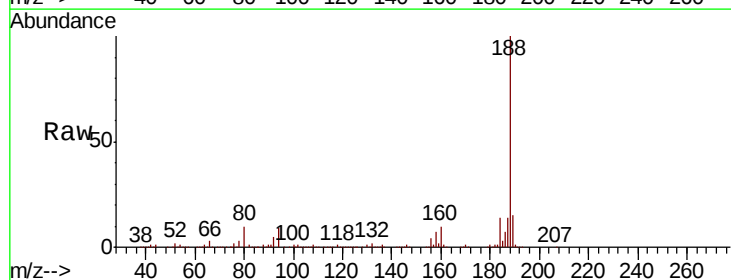


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

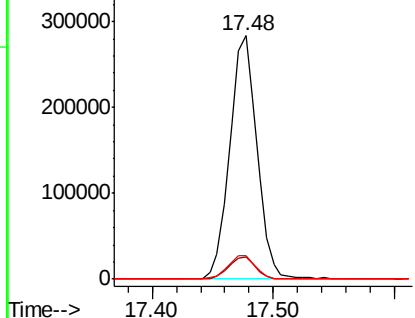
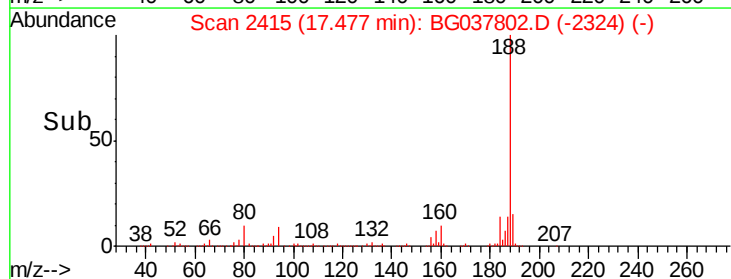


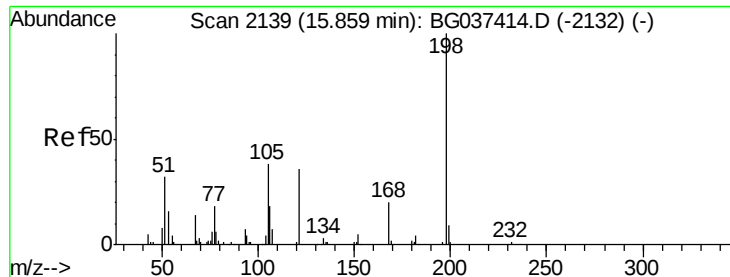
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. 0.00 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Tgt Ion:188	Resp:	446855
Ion Ratio	Lower	Upper
188	100	
94	9.0	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): BG
 Ion 80.00 (79.70 to 80.70): BG

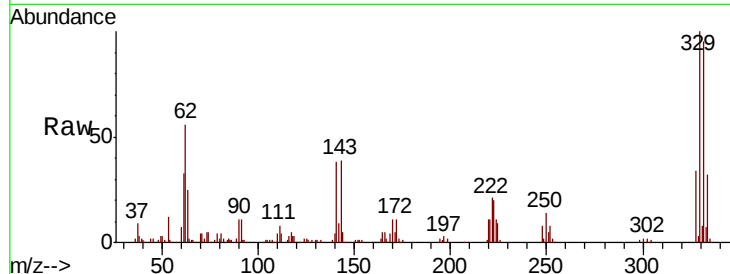




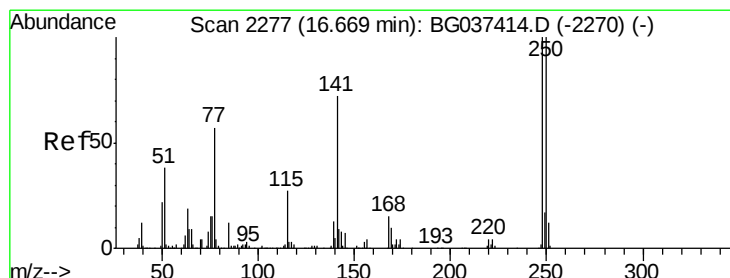
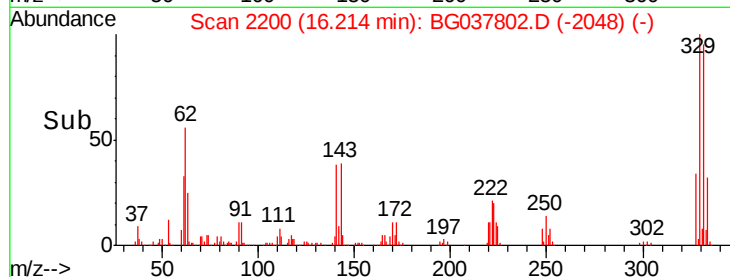
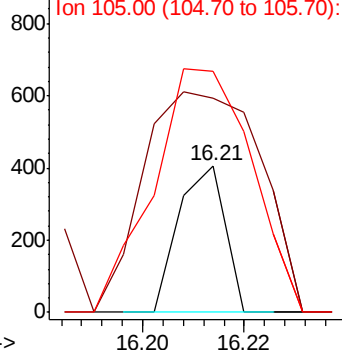
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.598 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 258
 Ion Ratio Lower Upper
 198 100
 51 26.2 22.7 62.7
 105 29.6 19.7 59.7

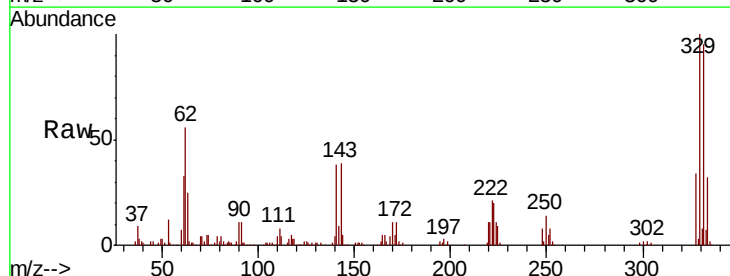


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

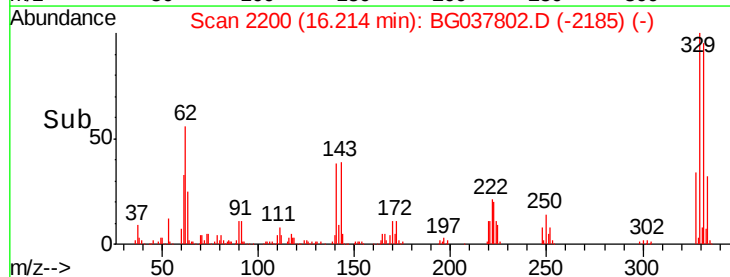
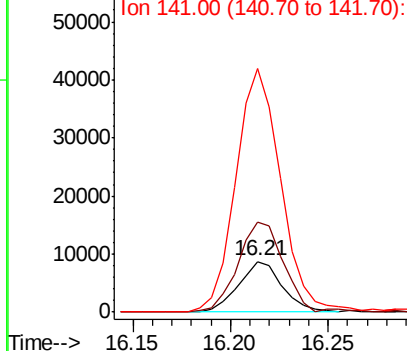


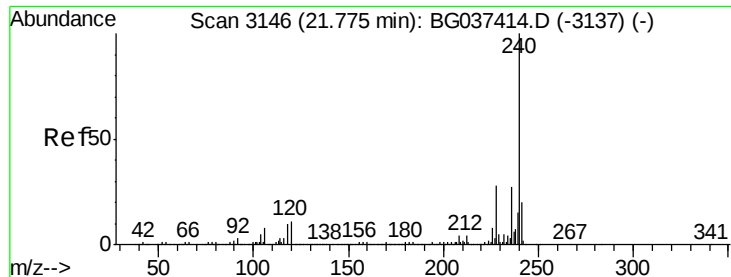
#67
 4-Bromophenyl-phenylether
 Concen: 2.720 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.44 min
 Lab File: BG037802.D
 Acq: 5 Nov 2018 14:32

Tgt Ion:248 Resp: 13346
 Ion Ratio Lower Upper
 248 100
 250 184.9 77.0 115.6#
 141 367.3 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

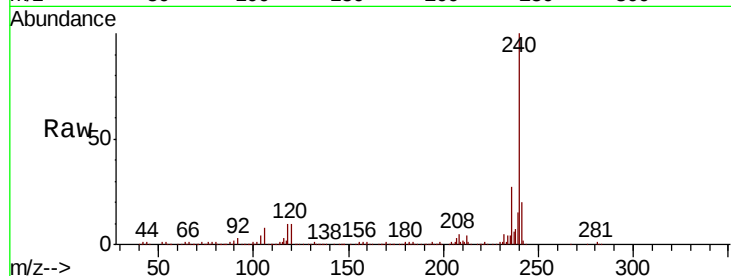




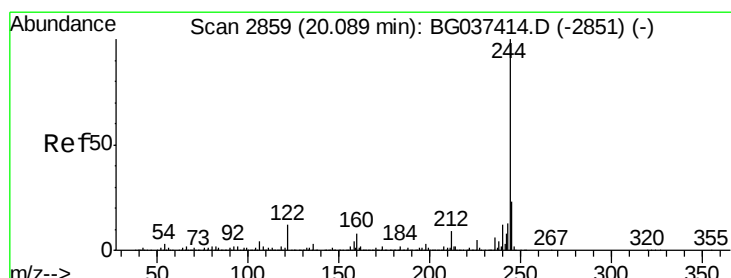
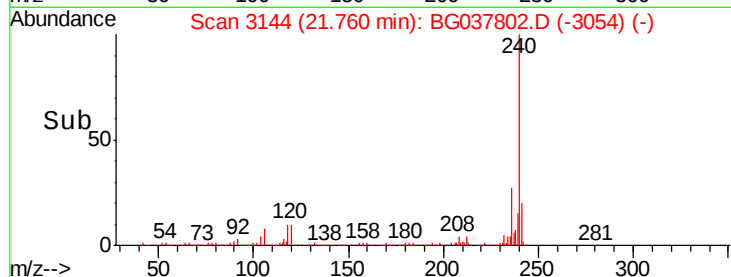
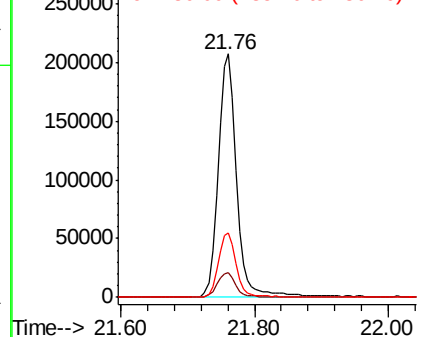
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:240 Resp: 402227
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 26.7 21.4 32.0

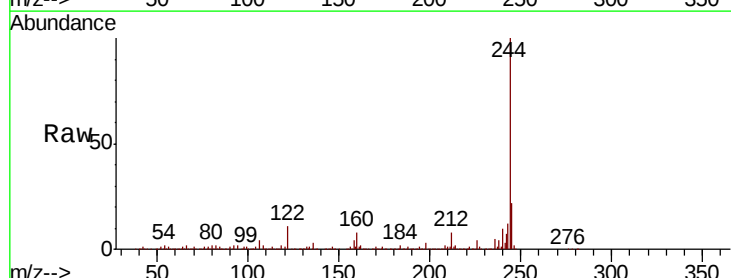


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

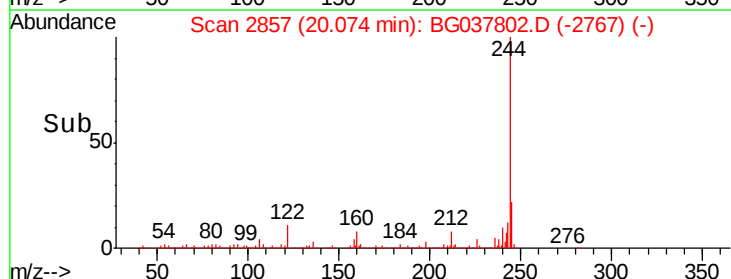
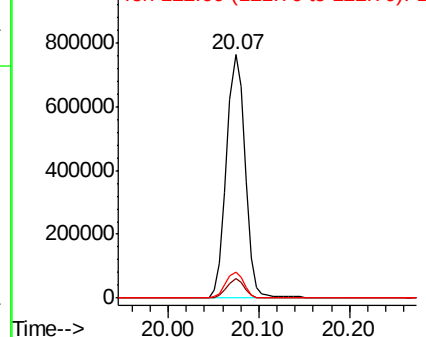


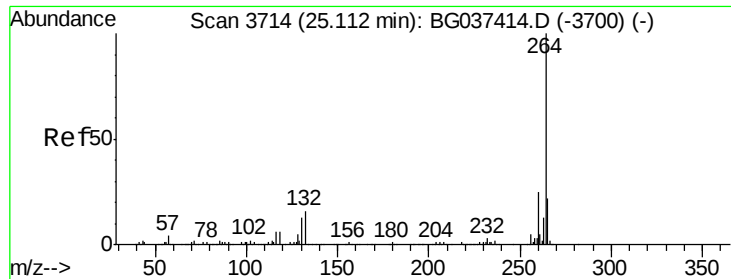
#79
Terphenyl-d14
Concen: 58.164 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Tgt Ion:244 Resp: 1094877
Ion Ratio Lower Upper
244 100
212 8.0 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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 355919
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.4
265 22.2 17.9 26.9

