

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038002.D
 Acq On : 14 Nov 2018 18:20
 Operator : JU/SJ
 Sample : J5925-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5S

Quant Time: Nov 15 00:48:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

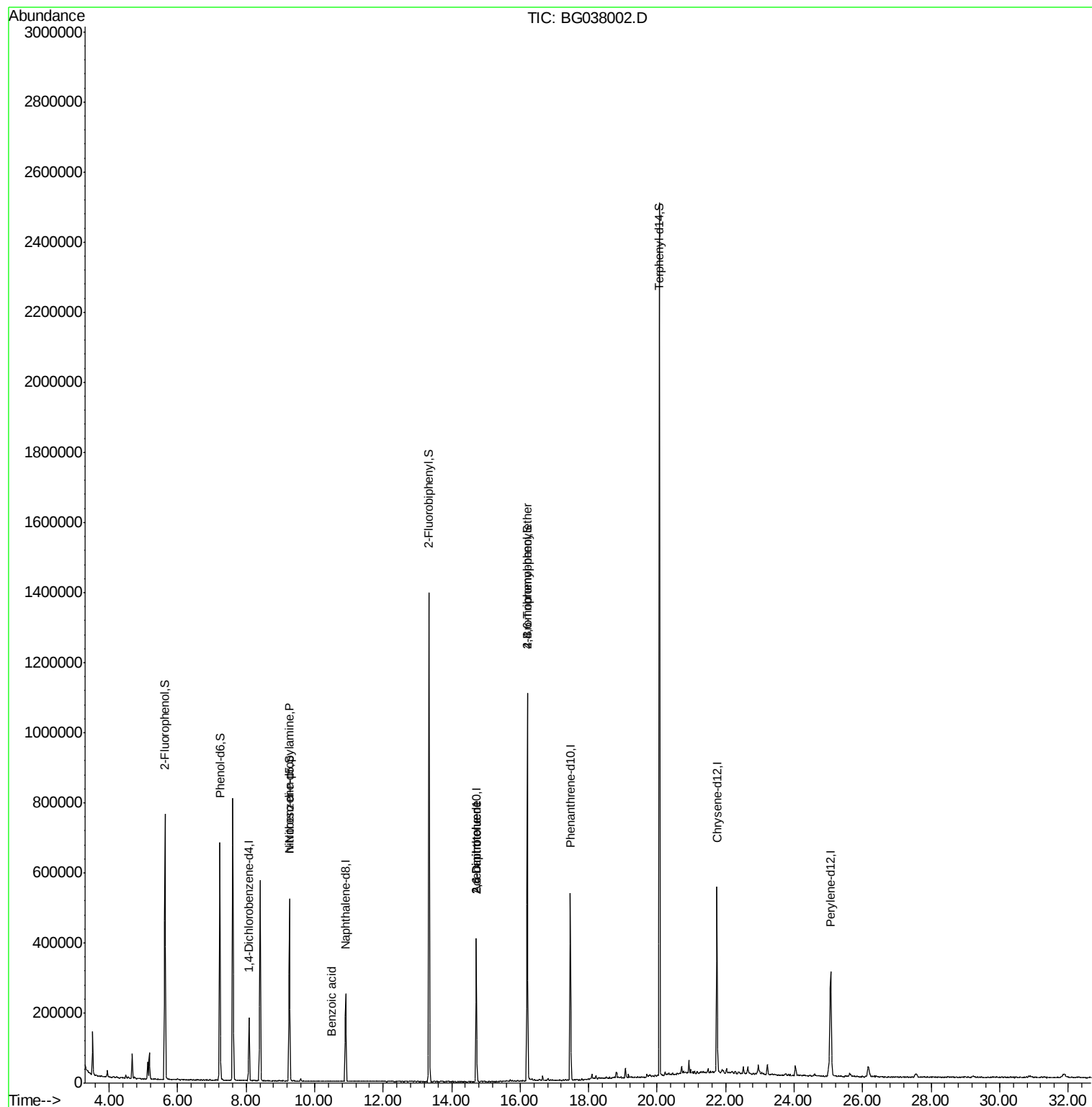
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	53543	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	225395	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	145778	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	344175	20.00	ng	0.00
76) Chrysene-d12	21.75	240	320490	20.00	ng	0.00
87) Perylene-d12	25.07	264	329752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	344648	111.14	ng	0.00
7) Phenol-d6	7.23	99	430597	97.27	ng	0.00
23) Nitrobenzene-d5	9.26	82	328551	78.03	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	197116	118.56	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	747290	74.68	ng	0.00
79) Terphenyl-d14	20.07	244	1184067	86.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	42021	13.119	ng	# 73
32) Benzoic acid	10.49	122	57	12.353	ng	# 53
51) 2,6-Dinitrotoluene	14.72	165	18903	7.227	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	18903	5.312	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	14615	3.869	ng	# 1

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

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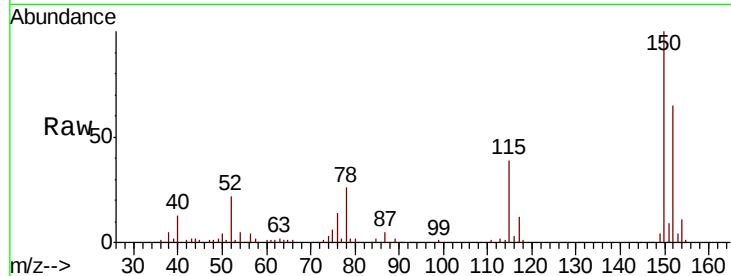


#1

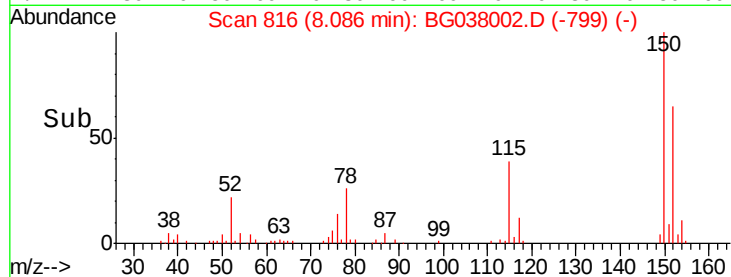
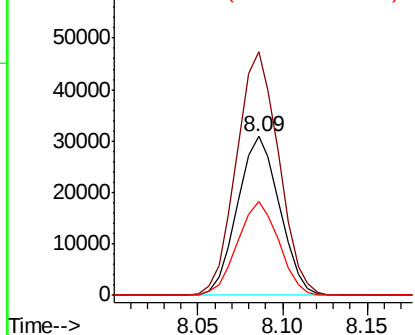
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

Instrument :
BNA_G
ClientSampleId :
TP-5S

Tgt Ion:152 Resp: 53543
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 59.1 45.5 68.3



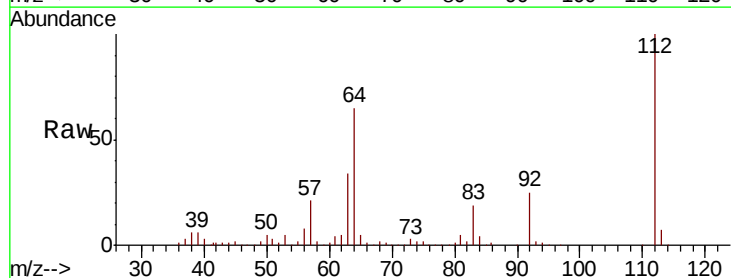
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



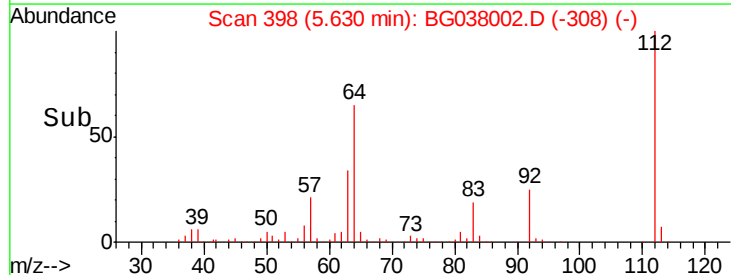
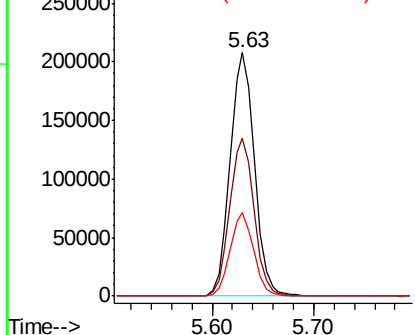
#5

2-Fluorophenol
Concen: 111.136 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

Tgt Ion:112 Resp: 344648
Ion Ratio Lower Upper
112 100
64 64.6 53.1 79.7
63 34.2 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: 97.273 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Instrument :

BNA_G

ClientSampleId :

TP-5S

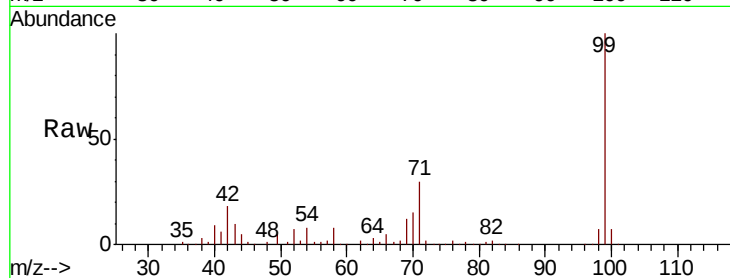
Tgt Ion: 99 Resp: 430597

Ion Ratio Lower Upper

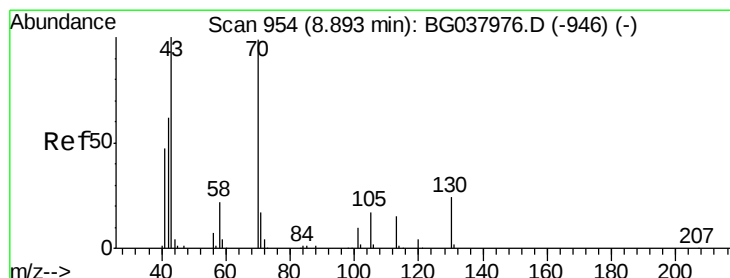
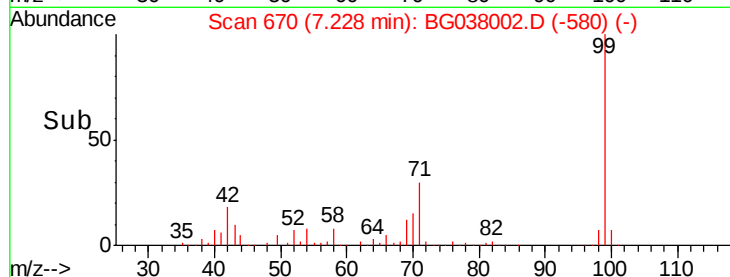
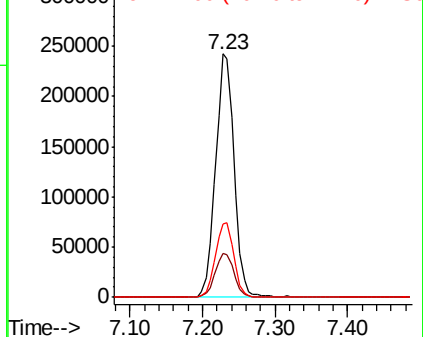
99 100

42 18.3 15.0 22.4

71 29.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.119 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Tgt Ion: 70 Resp: 42021

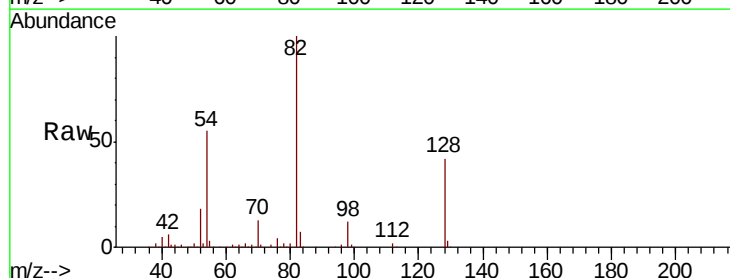
Ion Ratio Lower Upper

70 100

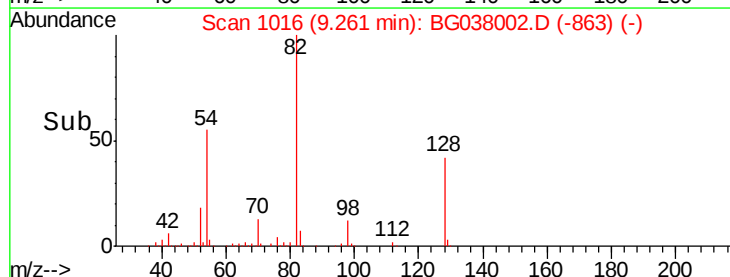
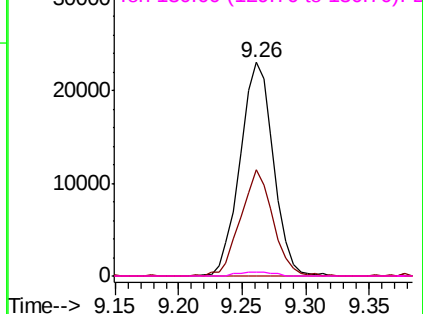
42 49.9 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 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# 1296

Delta R.T. -0.00 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Instrument :

BNA_G

ClientSampleId :

TP-5S

Tgt Ion:136 Resp: 225395

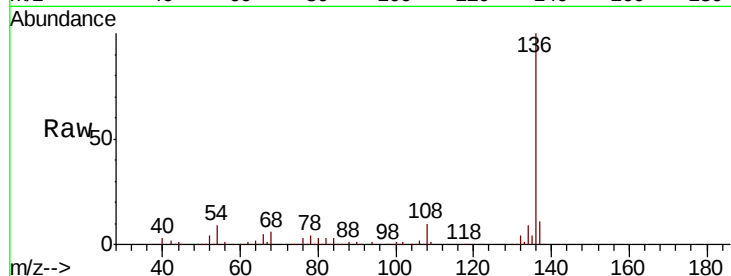
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 9.2 7.9 11.9

68 6.1 4.8 7.2

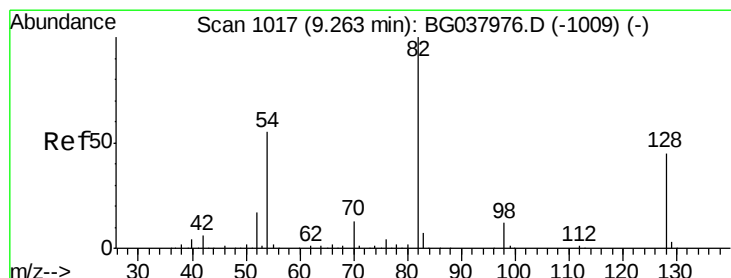
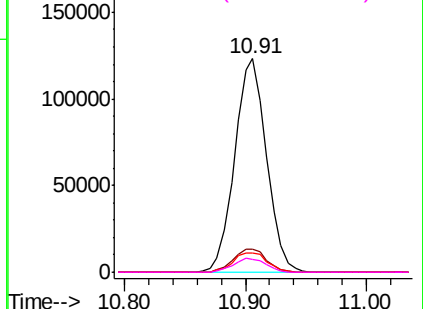
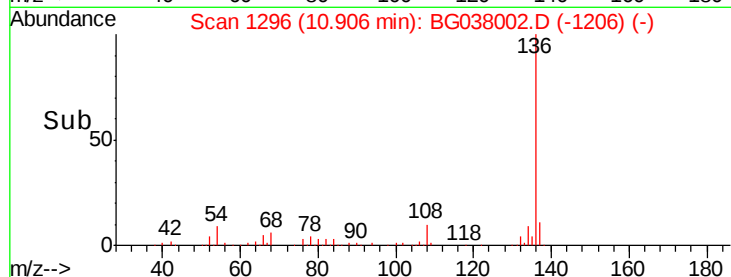


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.029 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

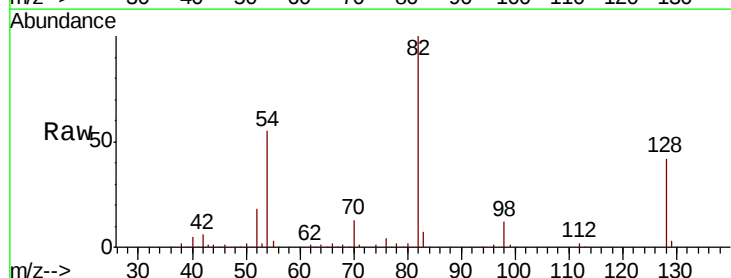
Tgt Ion: 82 Resp: 328551

Ion Ratio Lower Upper

82 100

128 42.4 34.6 51.8

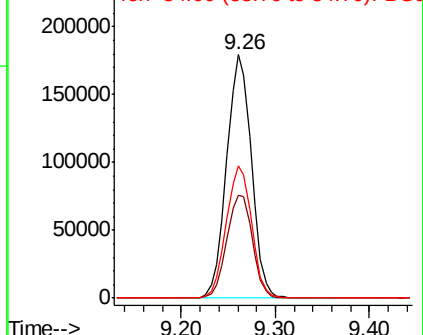
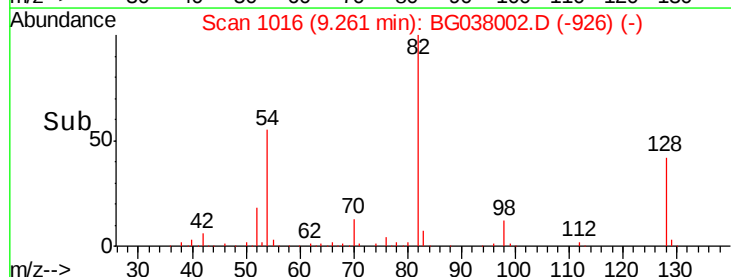
54 54.5 45.3 67.9

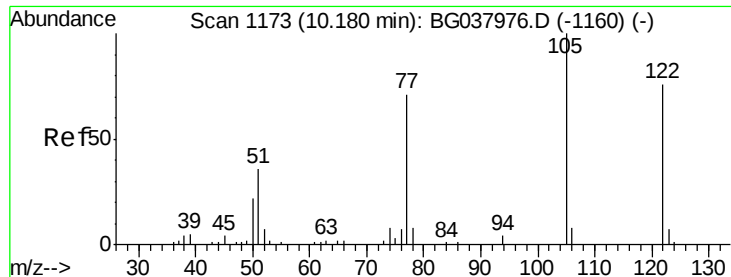


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

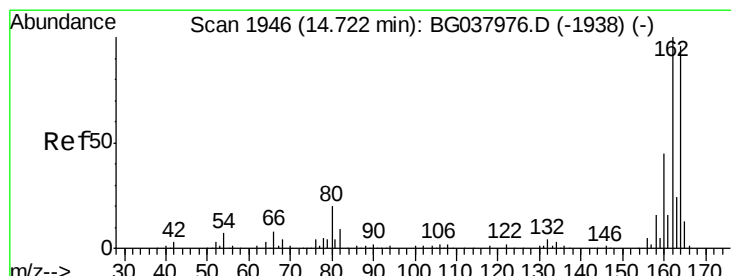
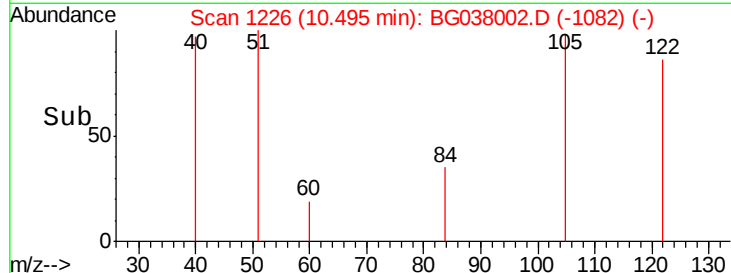
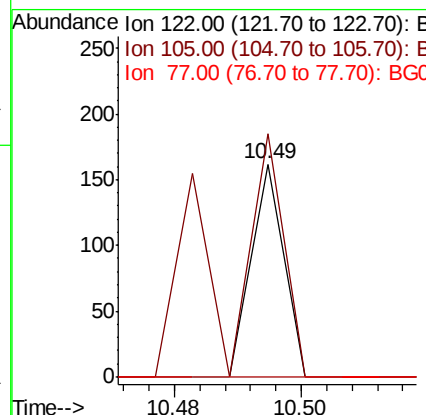
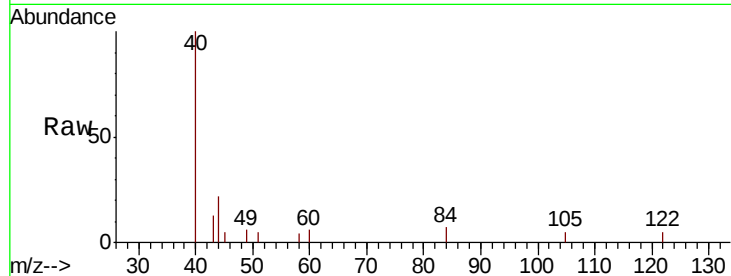




#32
Benzoic acid
Concen: 12.353 ng
RT: 10.49 min Scan# 1226
Delta R.T. 0.31 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

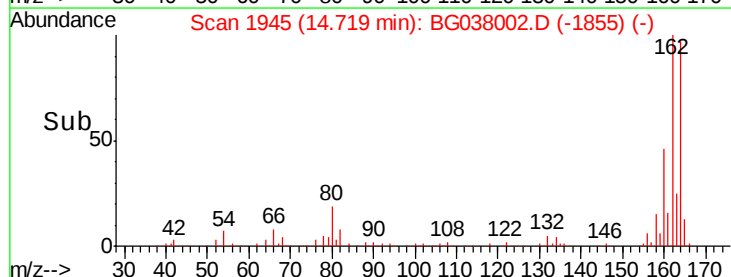
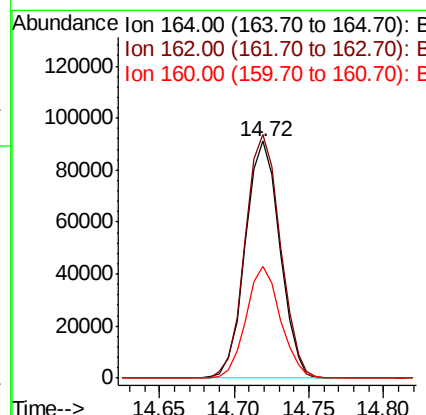
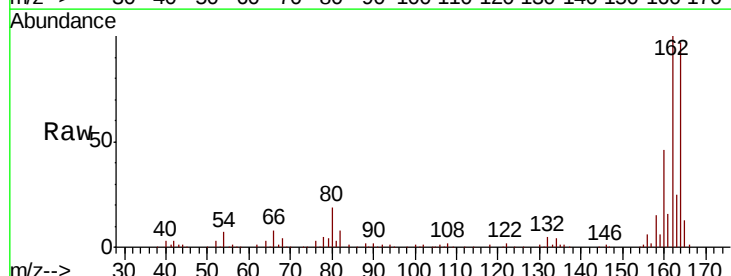
Instrument :
BNA_G
ClientSampleId :
TP-5S

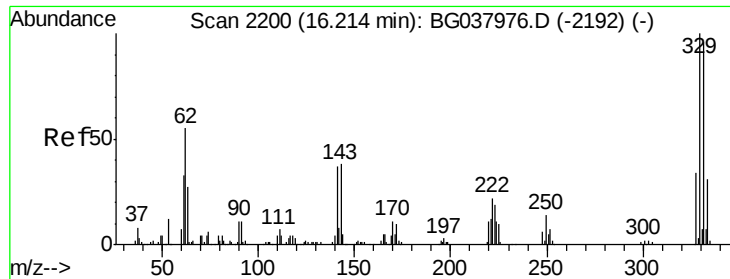
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 114.2 106.7 146.7
77 0.0 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

Tgt Ion:164 Resp: 145778
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 47.1 36.3 54.5

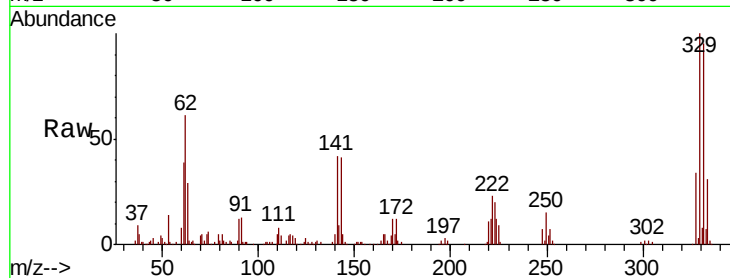




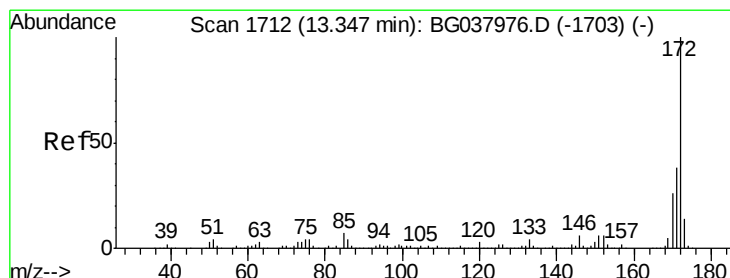
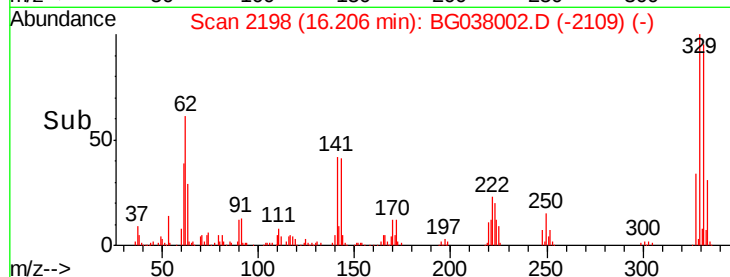
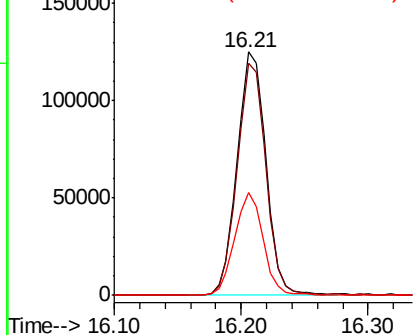
#42
 2,4,6-Tribromophenol
 Concen: 118.562 ng
 RT: 16.21 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038002.D
 Acq: 14 Nov 2018 18:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-5S

Tgt Ion:330 Resp: 197116
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.4 117.6
 141 41.4 32.2 48.2

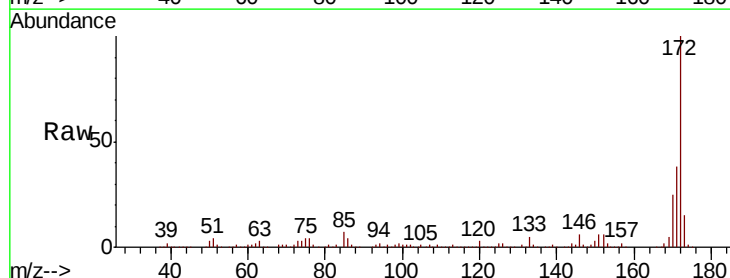


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

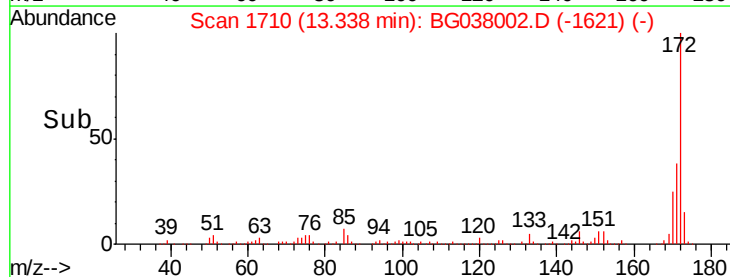
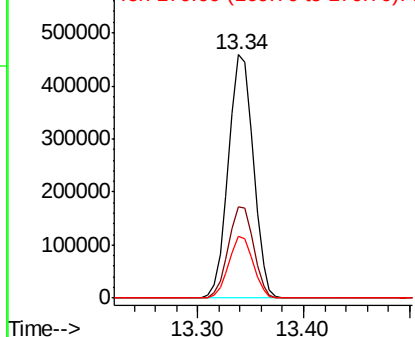


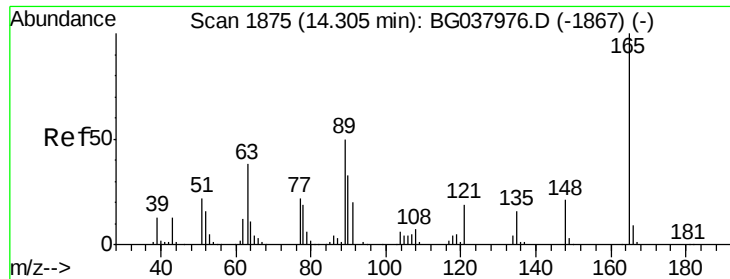
#45
 2-Fluorobiphenyl
 Concen: 74.681 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038002.D
 Acq: 14 Nov 2018 18:20

Tgt Ion:172 Resp: 747290
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.0 46.4
 170 25.2 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

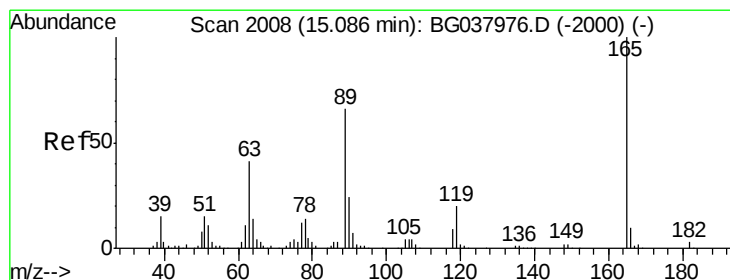
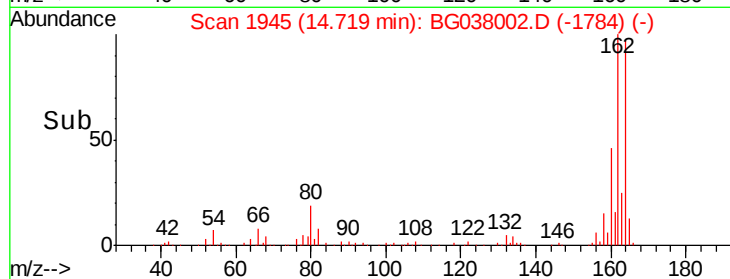
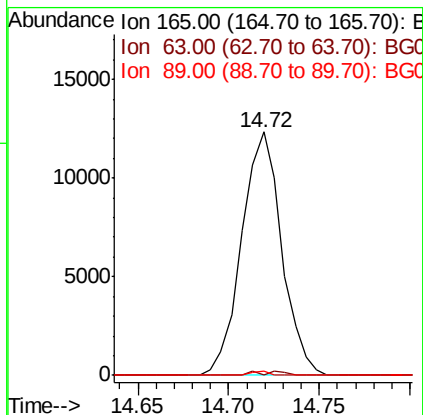
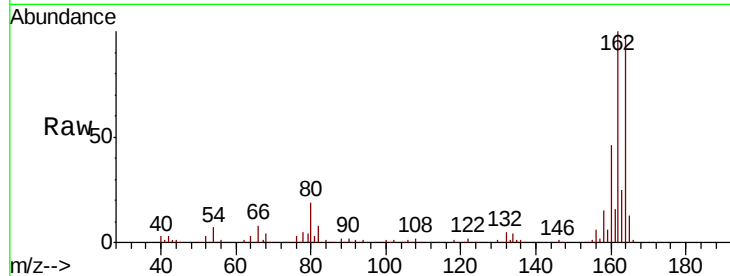




#51
 2,6-Dinitrotoluene
 Concen: 7.227 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038002.D
 Acq: 14 Nov 2018 18:20

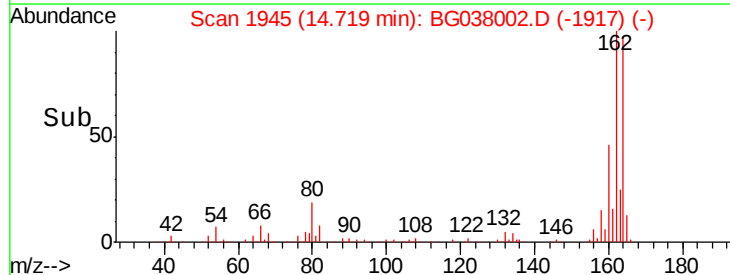
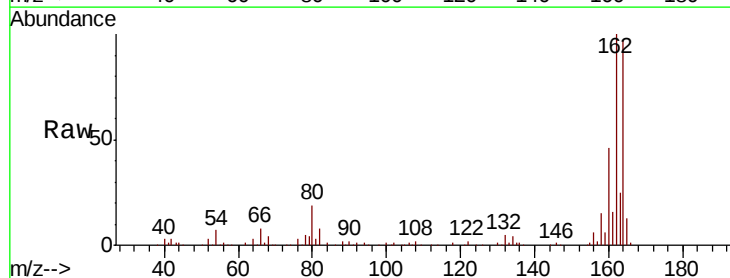
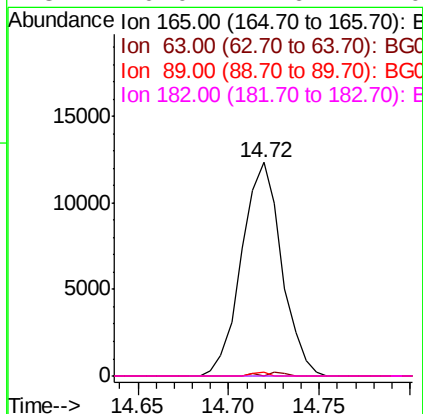
Instrument :
 BNA_G
 ClientSampleId :
 TP-5S

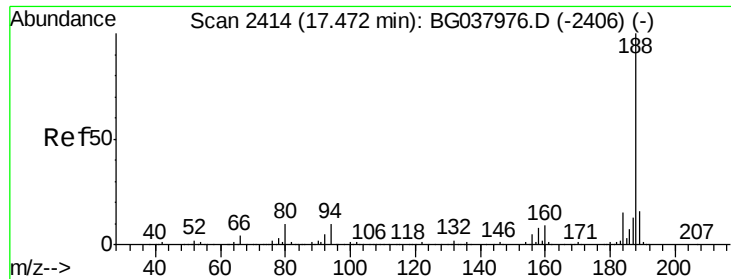
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.9	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.312 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038002.D
 Acq: 14 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

Instrument :

BNA_G

ClientSampleId :

TP-5S

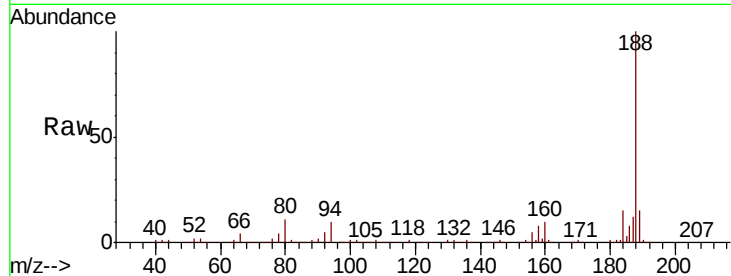
Tgt Ion:188 Resp: 344175

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

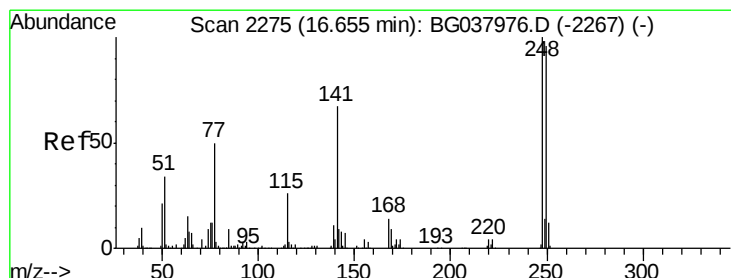
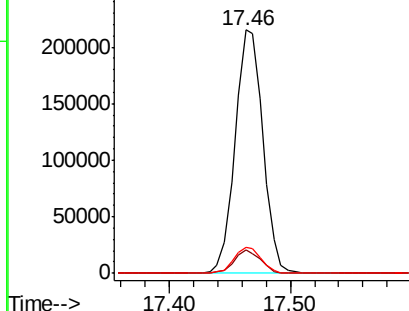
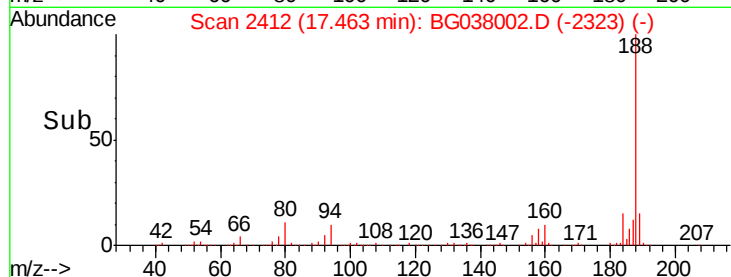
80 10.9 7.7 11.5



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



#67

4-Bromophenyl-phenylether

Concen: 3.869 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.45 min

Lab File: BG038002.D

Acq: 14 Nov 2018 18:20

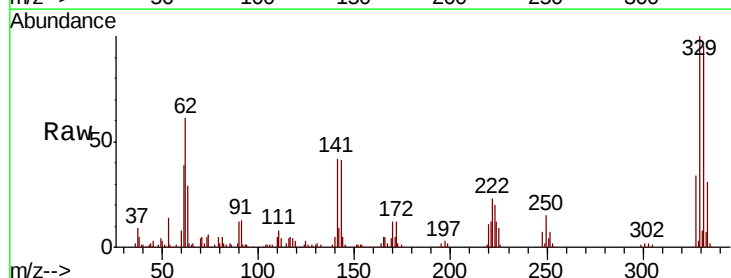
Tgt Ion:248 Resp: 14615

Ion Ratio Lower Upper

248 100

250 205.8 77.0 115.6#

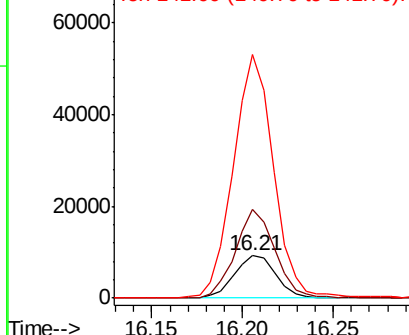
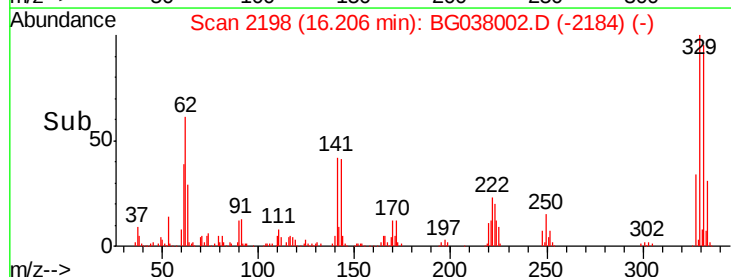
141 444.2 55.5 83.3#



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

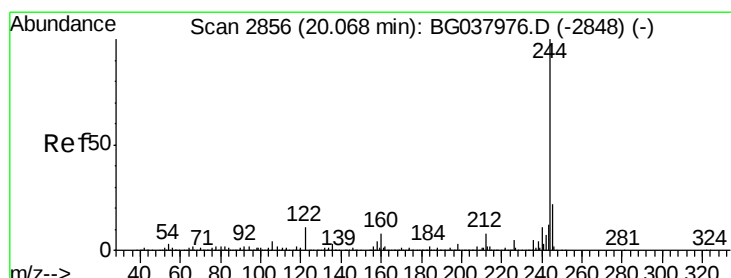
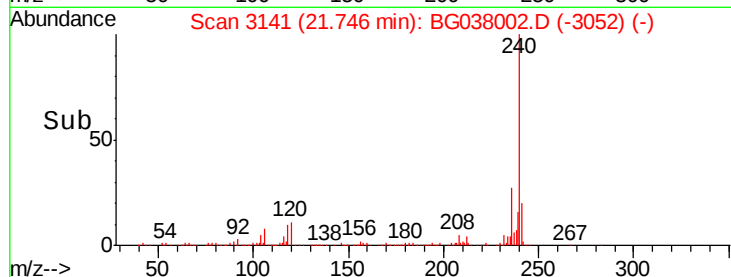
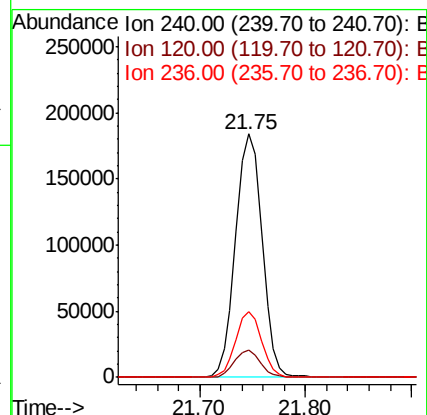
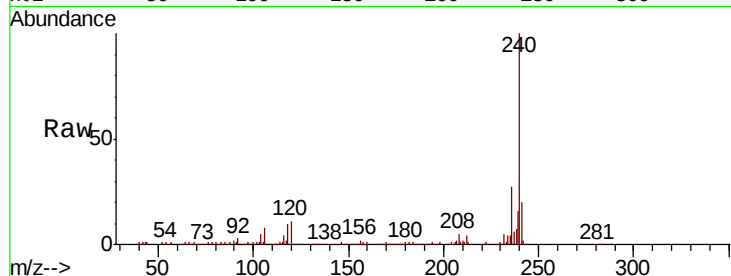




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

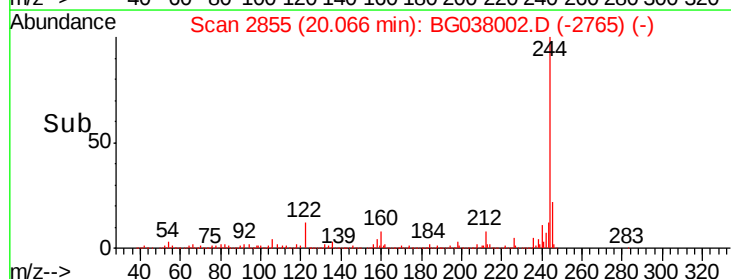
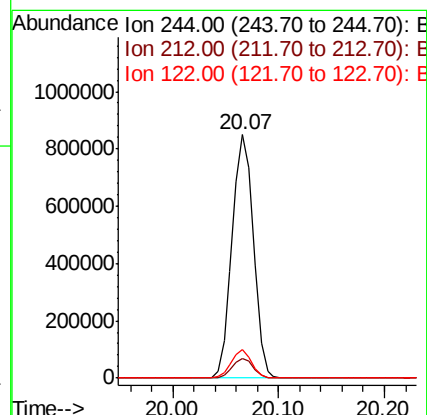
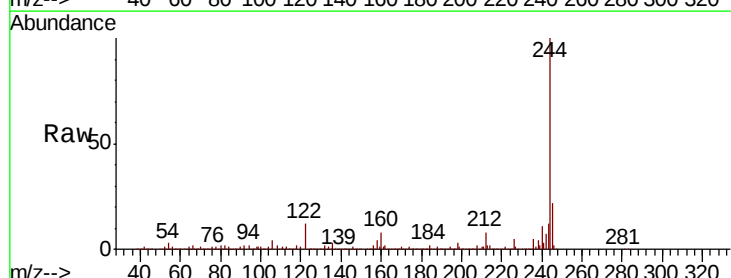
Instrument :
BNA_G
ClientSampleId :
TP-5S

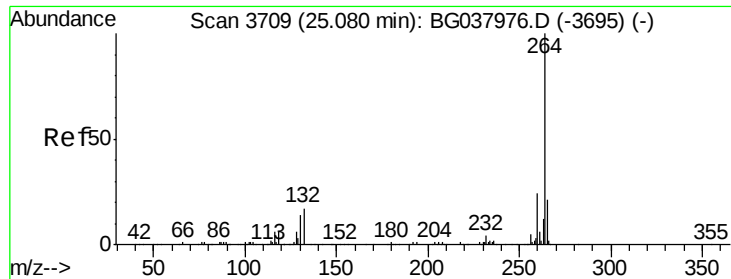
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	27.2	21.4	32.0



#79
Terphenyl-d14
Concen: 86.933 ng
RT: 20.07 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038002.D
Acq: 14 Nov 2018 18:20

Instrument :
BNA_G
ClientSampleId :
TP-5S

Tgt Ion:	264	Resp:	329752
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.7	17.9	26.9

