

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038003.D
 Acq On : 14 Nov 2018 18:59
 Operator : JU/SJ
 Sample : J5925-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6S

Quant Time: Nov 15 00:48:54 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

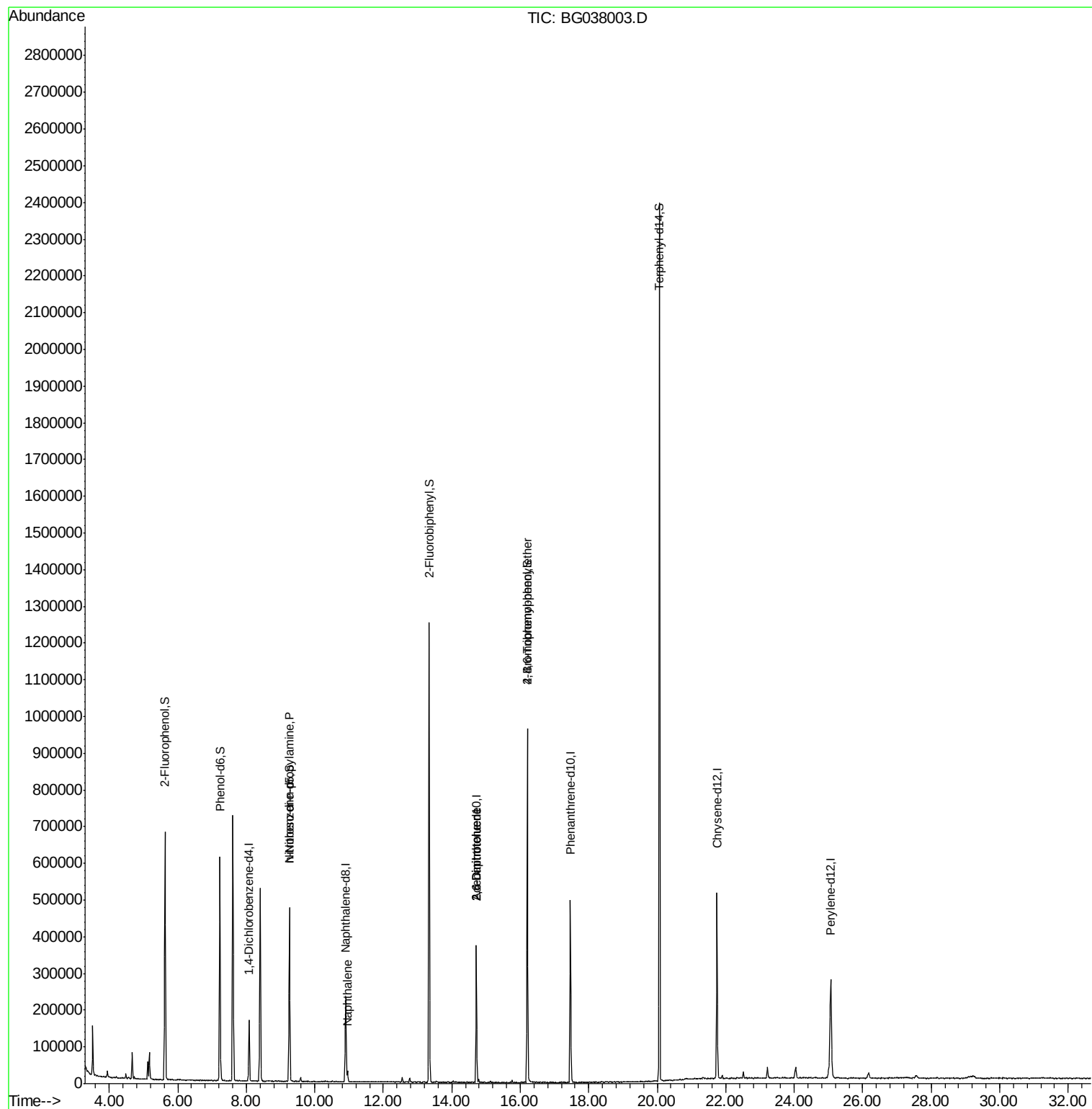
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49828	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	207451	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	131837	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	319474	20.00	ng	0.00
76) Chrysene-d12	21.74	240	308296	20.00	ng	-0.01
87) Perylene-d12	25.06	264	310333	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	310269	107.51	ng	0.00
7) Phenol-d6	7.23	99	389707	94.60	ng	0.00
23) Nitrobenzene-d5	9.26	82	308139	79.51	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	172993	115.05	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	682116	75.38	ng	0.00
79) Terphenyl-d14	20.06	244	1141656	87.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	38114	12.786	ng	Qvalue # 72
31) Naphthalene	10.96	128	26769	2.624	ng	# 99
51) 2,6-Dinitrotoluene	14.72	165	17422	7.365	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	17422	5.413	ng	# 24
67) 4-Bromophenyl-phenylether	16.20	248	13348	3.807	ng	# 1

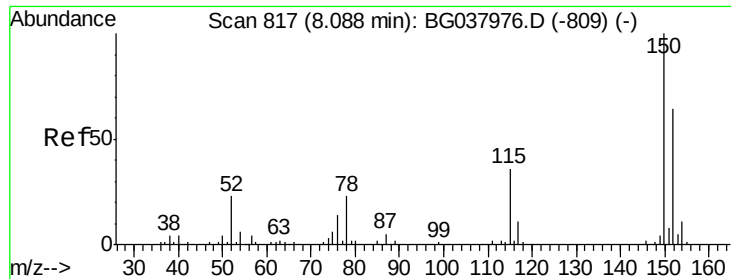
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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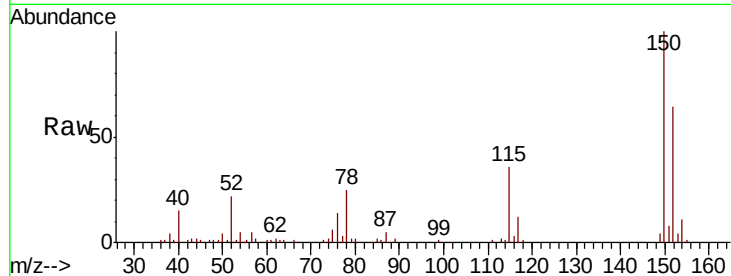




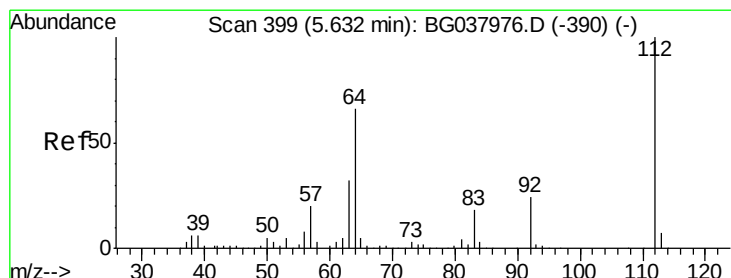
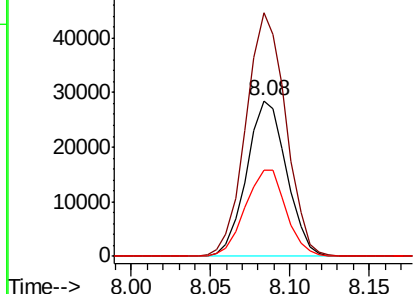
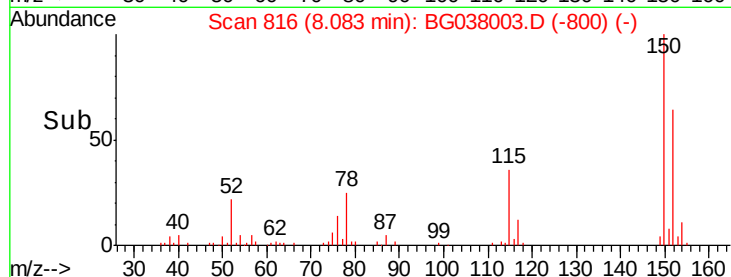
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-6S

Tgt Ion:152 Resp: 49828
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.0 189.0
 115 55.7 45.5 68.3

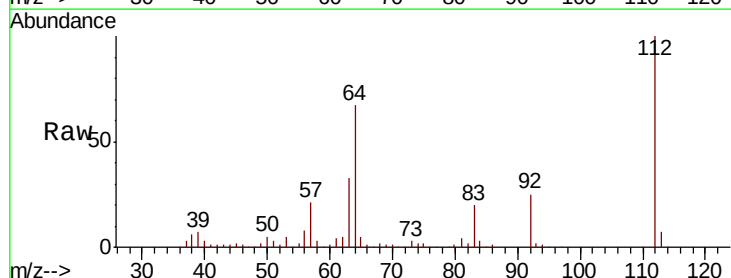


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

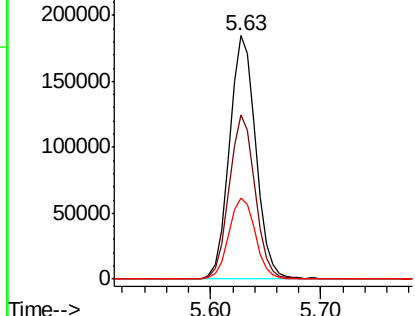
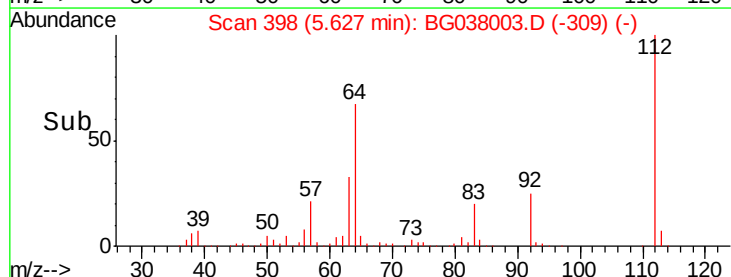


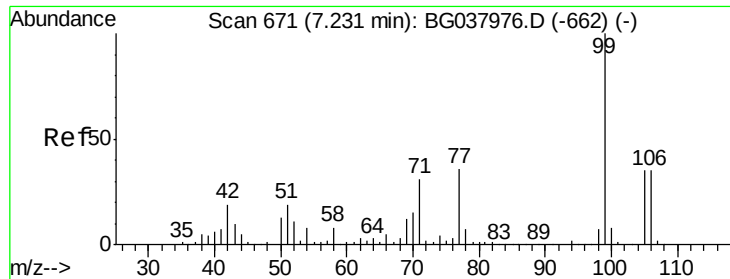
#5
 2-Fluorophenol
 Concen: 107.510 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Tgt Ion:112 Resp: 310269
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.1 79.7
 63 33.5 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: 94.600 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

Instrument :

BNA_G

ClientSampled :

TP-6S

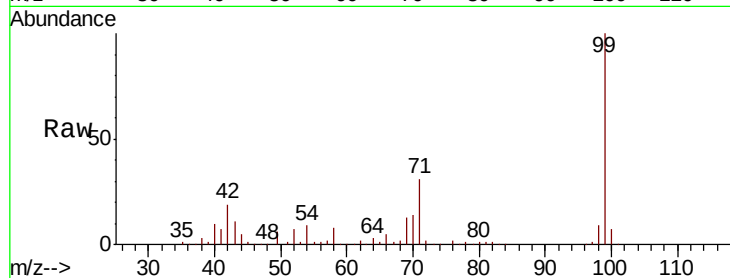
Tgt Ion: 99 Resp: 389707

Ion Ratio Lower Upper

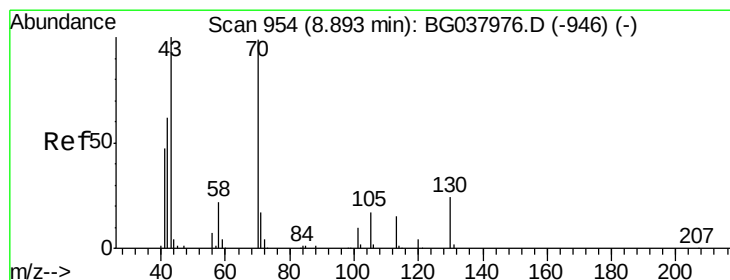
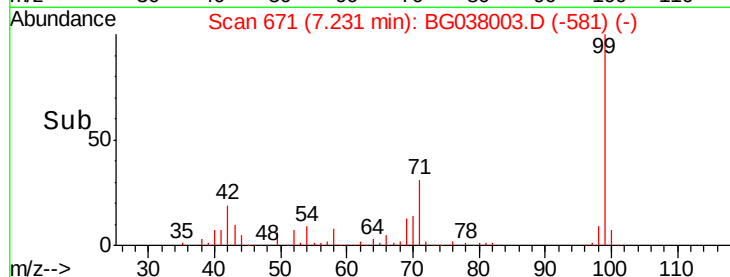
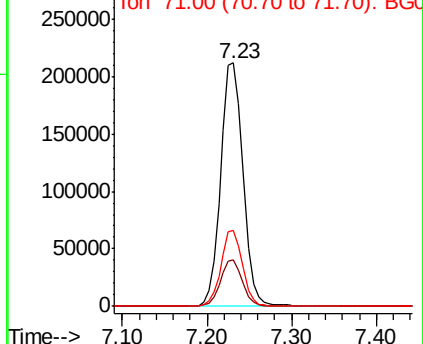
99 100

42 18.9 15.0 22.4

71 31.3 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: 12.786 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038003.D

Acq: 14 Nov 2018 18:59

Tgt Ion: 70 Resp: 38114

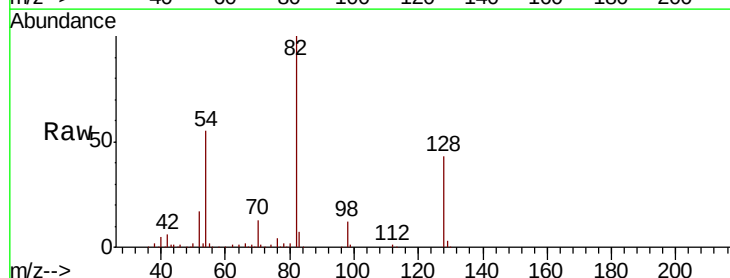
Ion Ratio Lower Upper

70 100

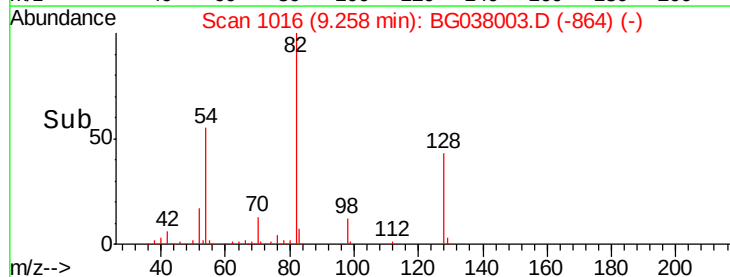
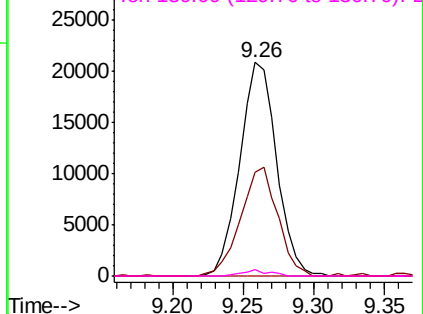
42 48.7 53.9 80.9#

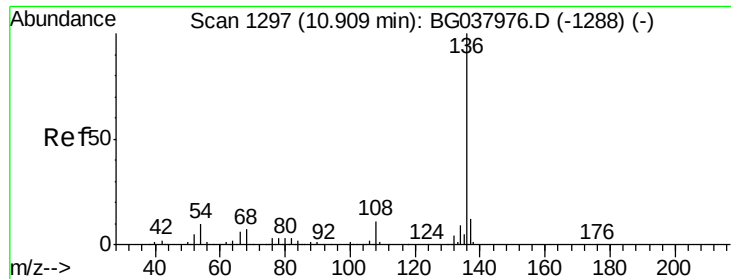
101 0.0 8.2 12.2#

130 2.9 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

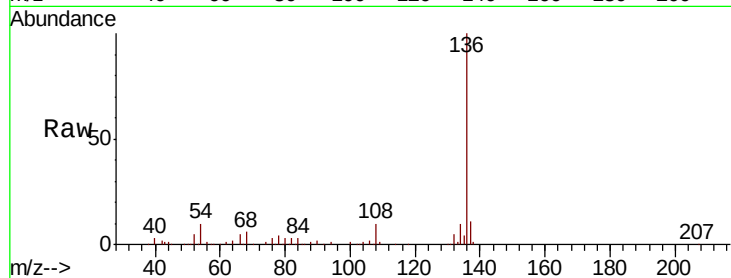




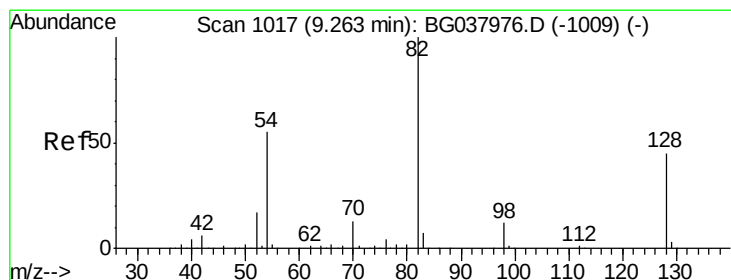
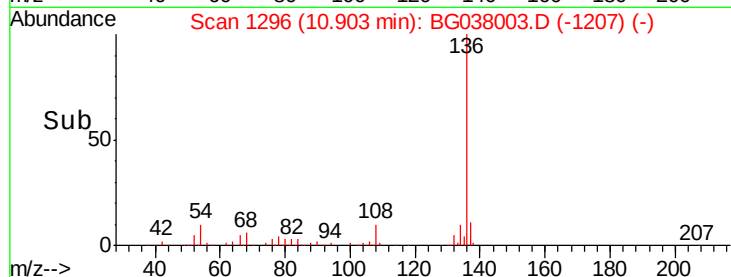
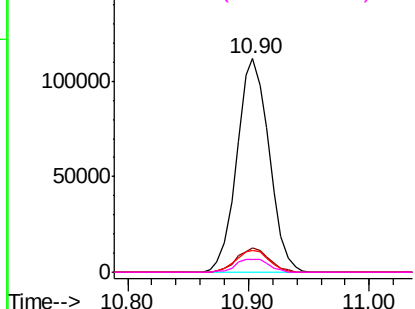
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Instrument :
BNA_G
ClientSampleId :
TP-6S

Tgt Ion:	136	Resp:	207451
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.5	7.9	11.9
68	5.9	4.8	7.2

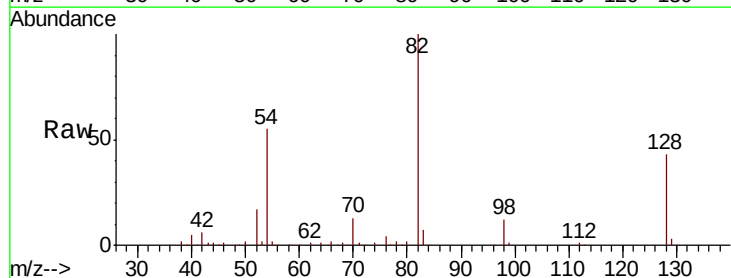


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

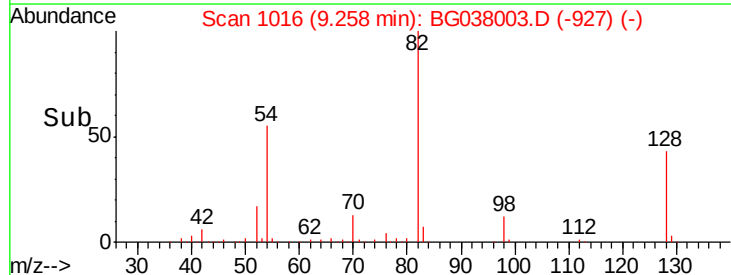
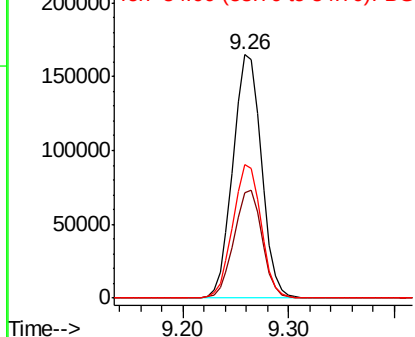


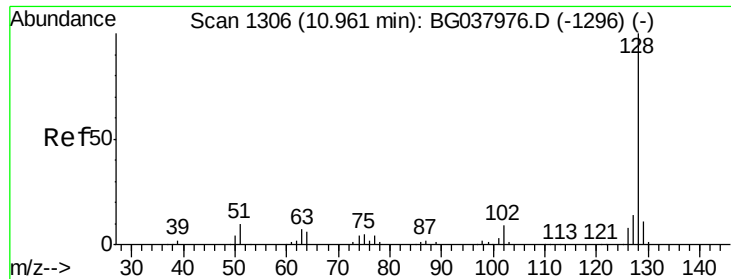
#23
Nitrobenzene-d5
Concen: 79.512 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Tgt Ion:	82	Resp:	308139
Ion	Ratio	Lower	Upper
82	100		
128	43.4	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): E
Ion 54.00 (53.70 to 54.70): BGC

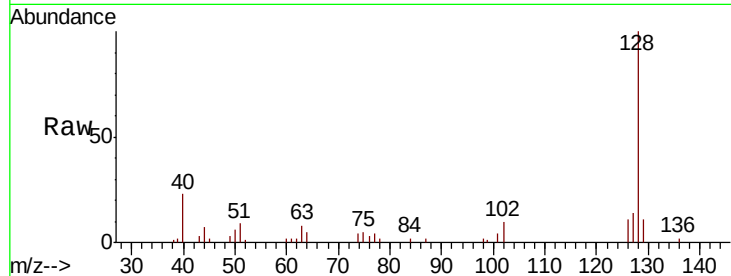




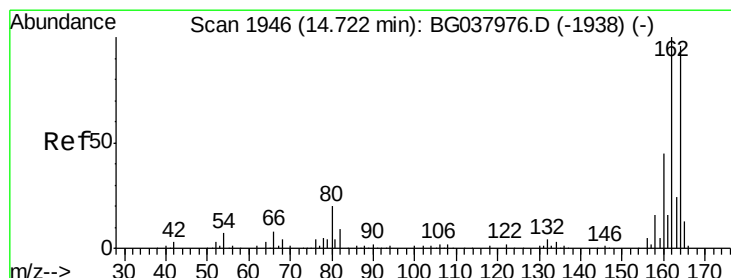
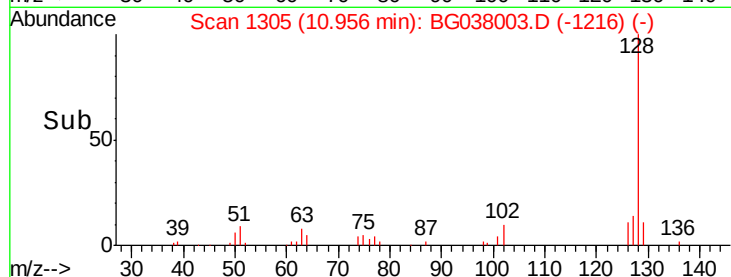
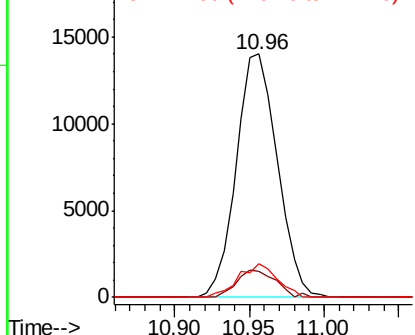
#31
Naphthalene
Concen: 2.624 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Instrument :
BNA_G
ClientSampleId :
TP-6S

Tgt Ion:128 Resp: 26769
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.6 11.1 16.7

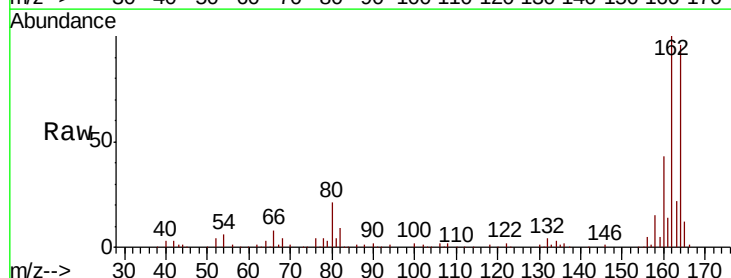


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

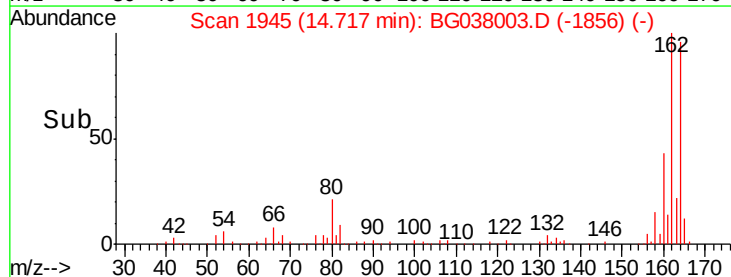
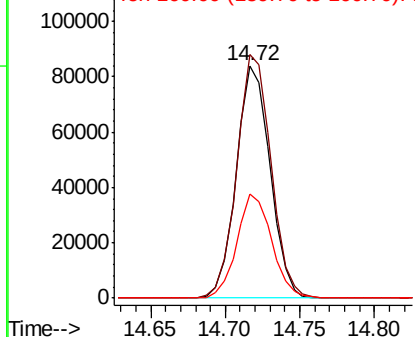


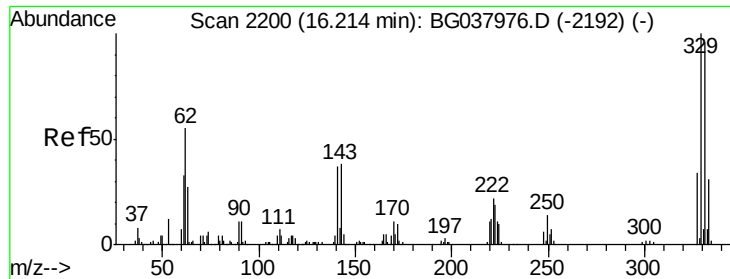
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Tgt Ion:164 Resp: 131837
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 44.7 36.3 54.5



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

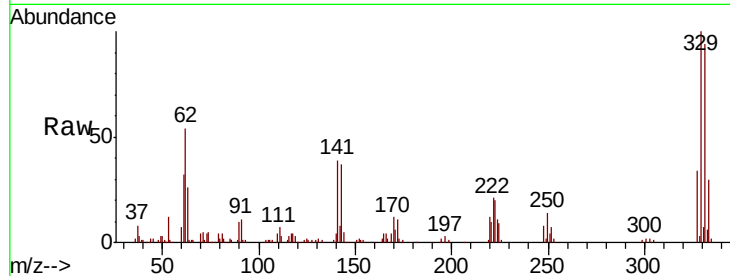




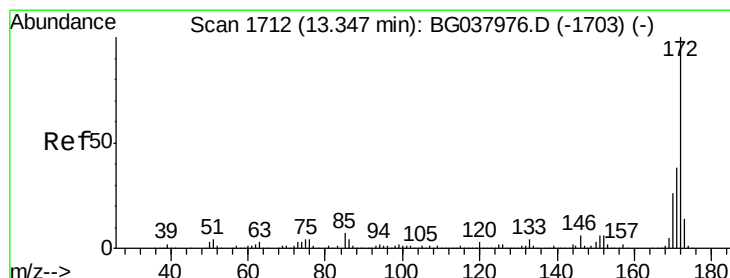
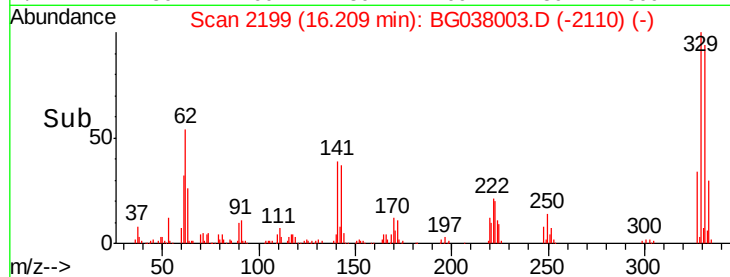
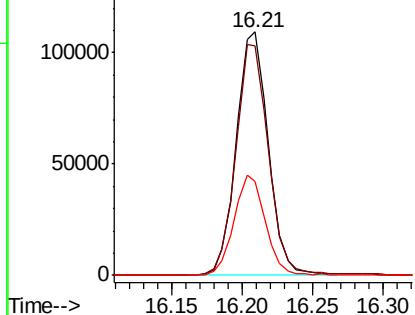
#42
 2,4,6-Tribromophenol
 Concen: 115.055 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-6S

Tgt Ion:330 Resp: 172993
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.4 117.6
 141 40.4 32.2 48.2

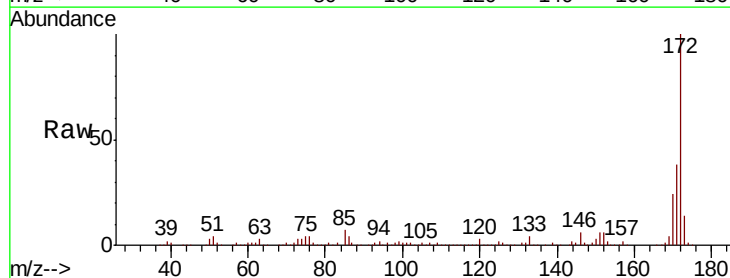


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

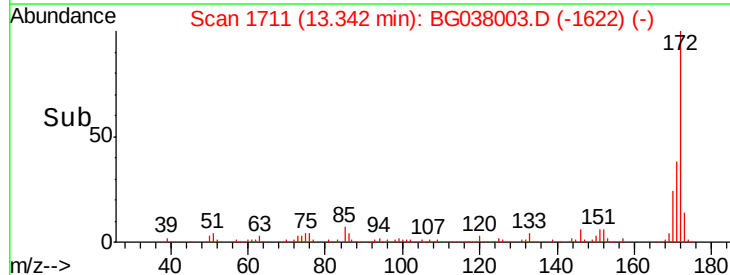
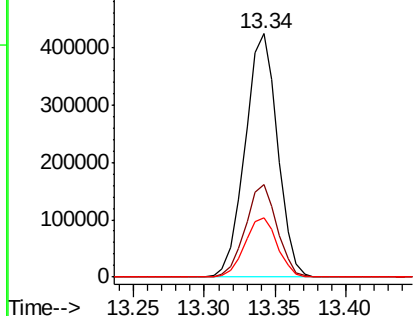


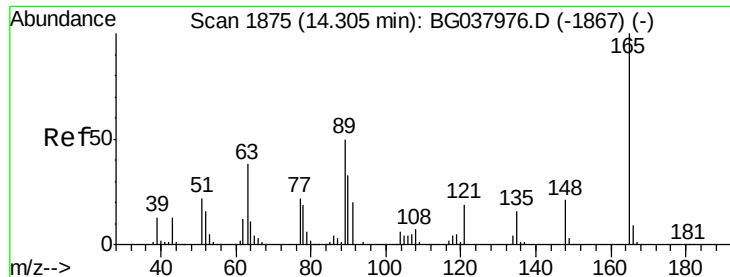
#45
 2-Fluorobiphenyl
 Concen: 75.377 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Tgt Ion:172 Resp: 682116
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.0 46.4
 170 24.4 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

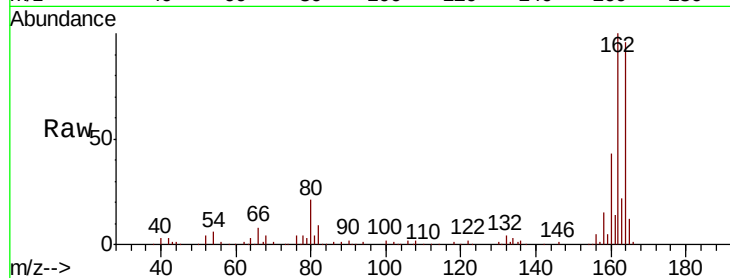




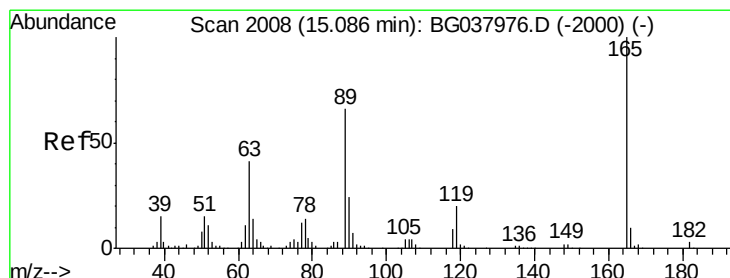
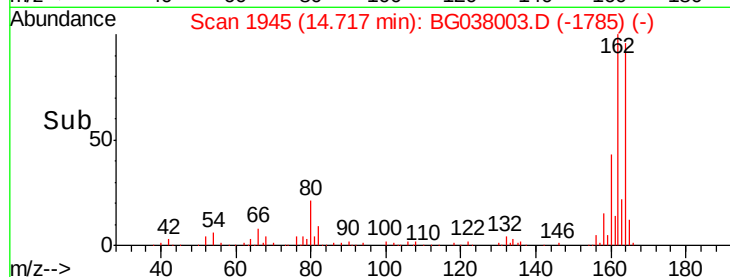
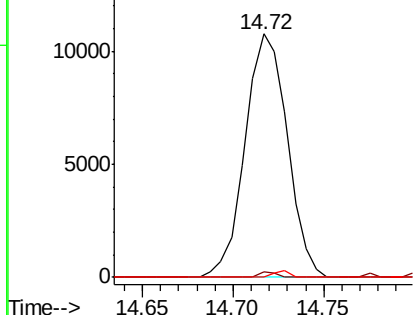
#51
 2,6-Dinitrotoluene
 Concen: 7.365 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-6S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	43.4	65.2#
89	0.0	45.8	68.6#



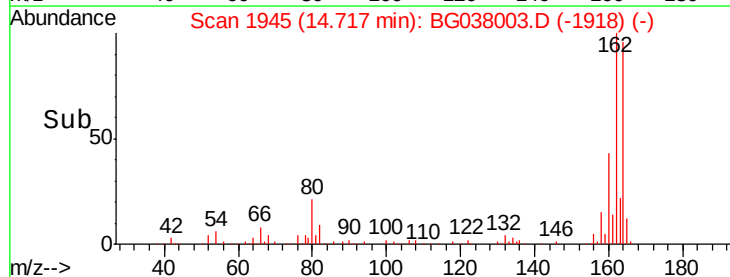
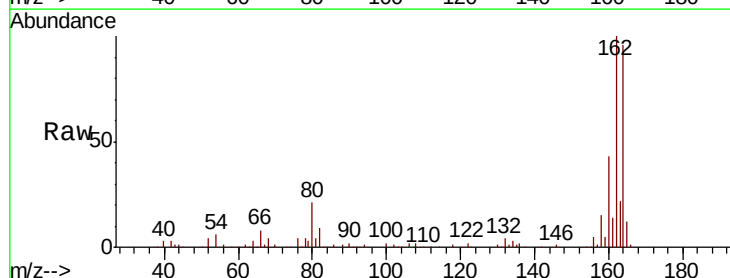
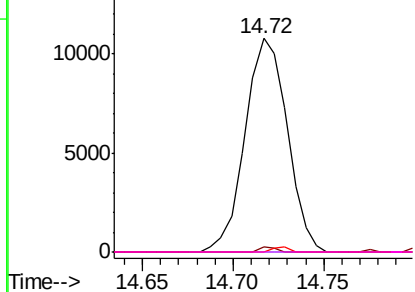
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

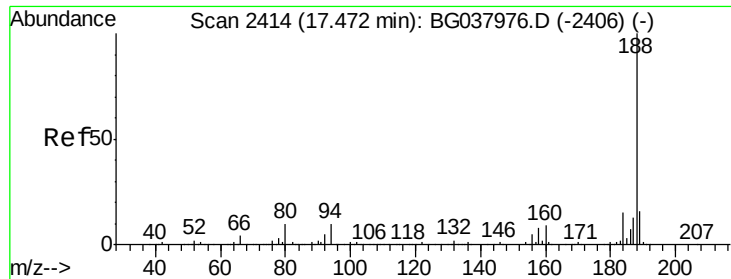


#57
 2,4-Dinitrotoluene
 Concen: 5.413 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	0.0	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

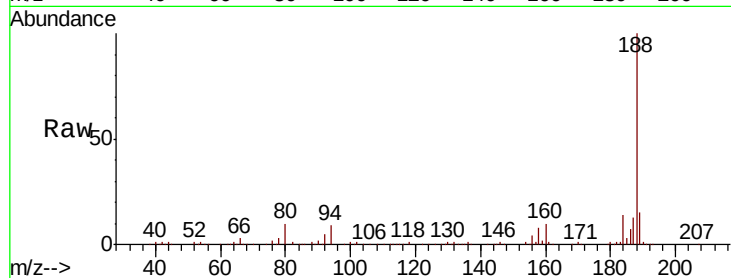




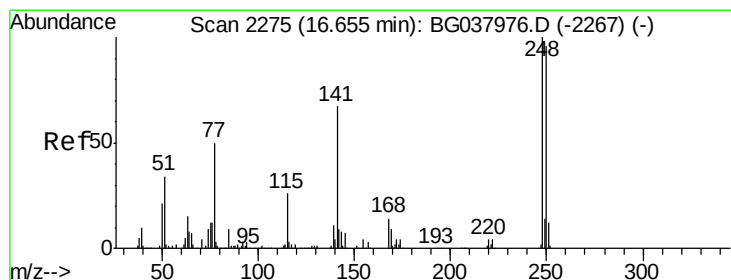
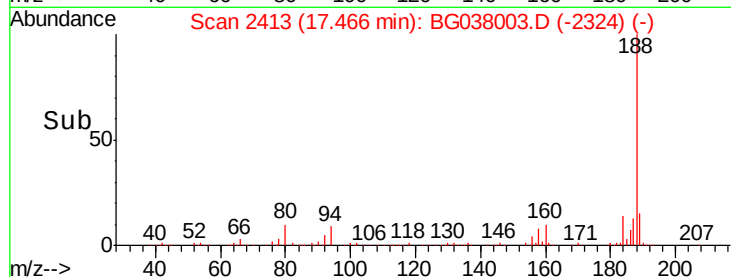
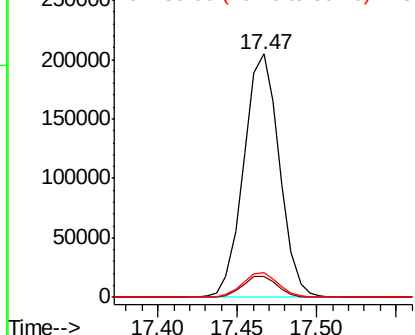
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-6S

Tgt Ion:188 Resp: 319474
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.2 10.8
 80 9.9 7.7 11.5

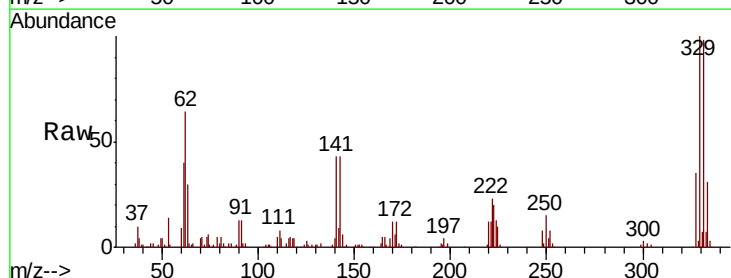


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

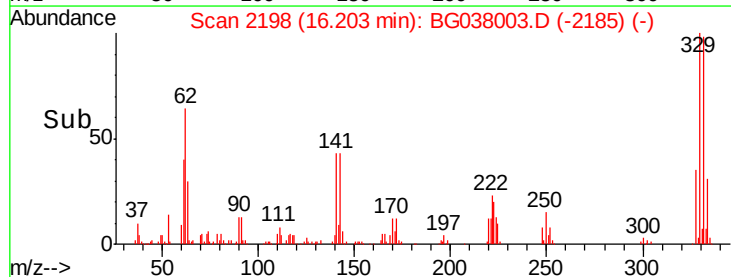
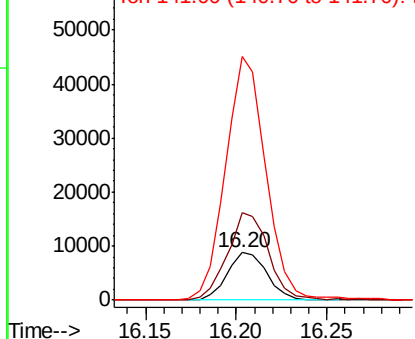


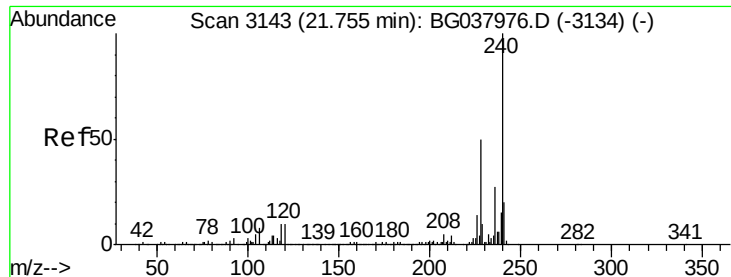
#67
 4-Bromophenyl-phenylether
 Concen: 3.807 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038003.D
 Acq: 14 Nov 2018 18:59

Tgt Ion:248 Resp: 13348
 Ion Ratio Lower Upper
 248 100
 250 187.8 77.0 115.6#
 141 405.6 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

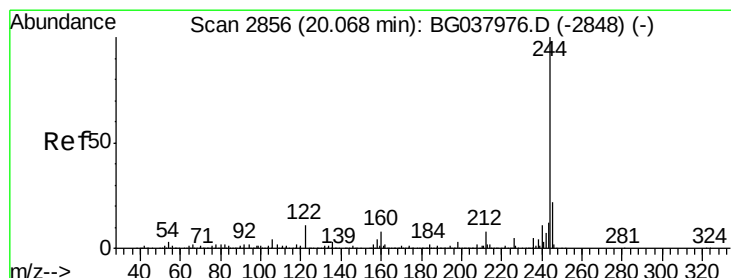
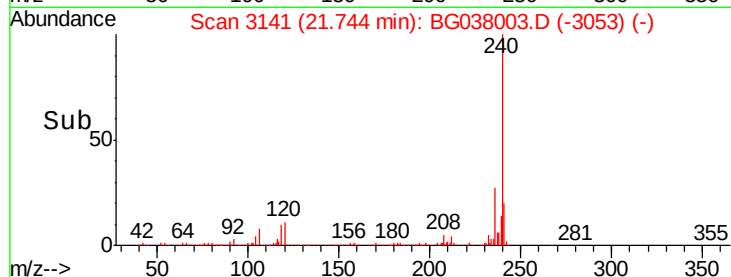
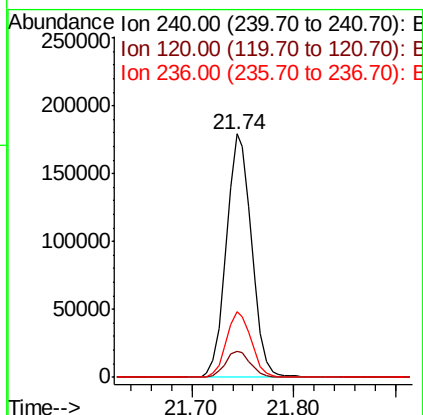
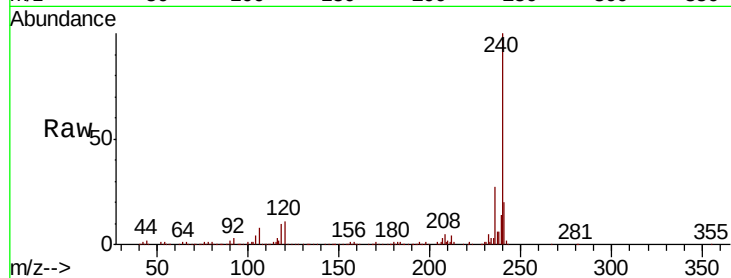




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

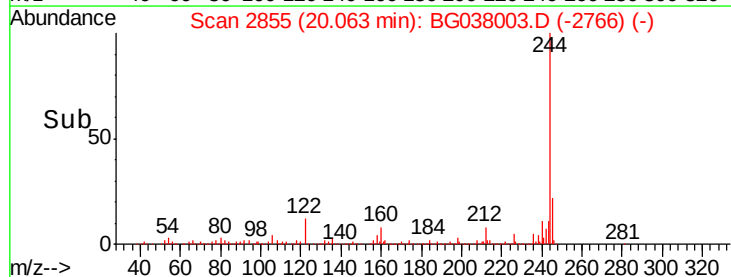
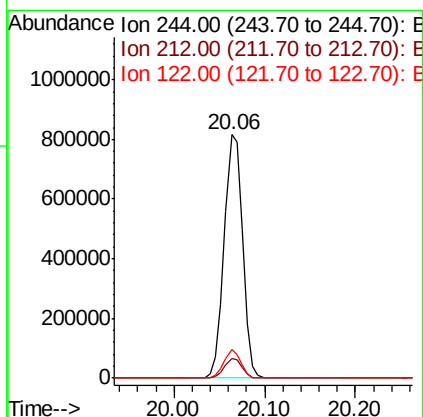
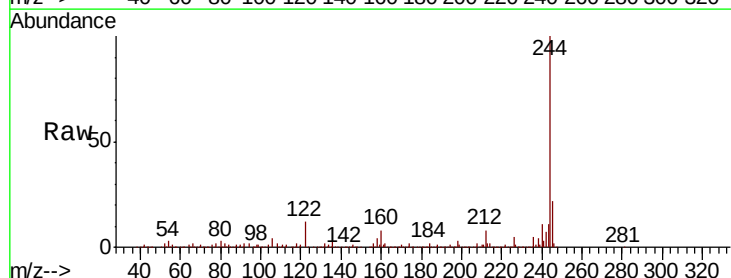
Instrument :
BNA_G
ClientSampleId :
TP-6S

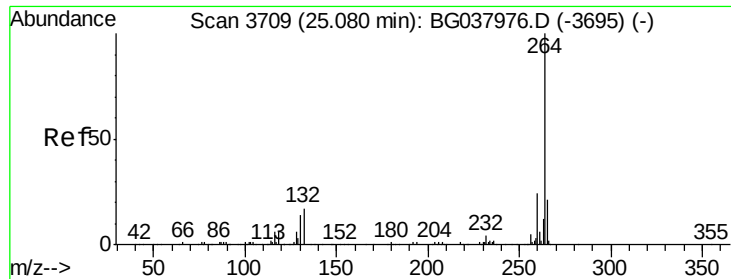
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.1	12.1
236	26.8	21.4	32.0



#79
Terphenyl-d14
Concen: 87.135 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	11.6	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038003.D
Acq: 14 Nov 2018 18:59

Instrument :
BNA_G
ClientSampleId :
TP-6S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.7	17.9	26.9

