

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
 Data File : BG038161.D
 Acq On : 27 Nov 2018 8:54
 Operator : JU/SJ
 Sample : J6061-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 27 09:43:15 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

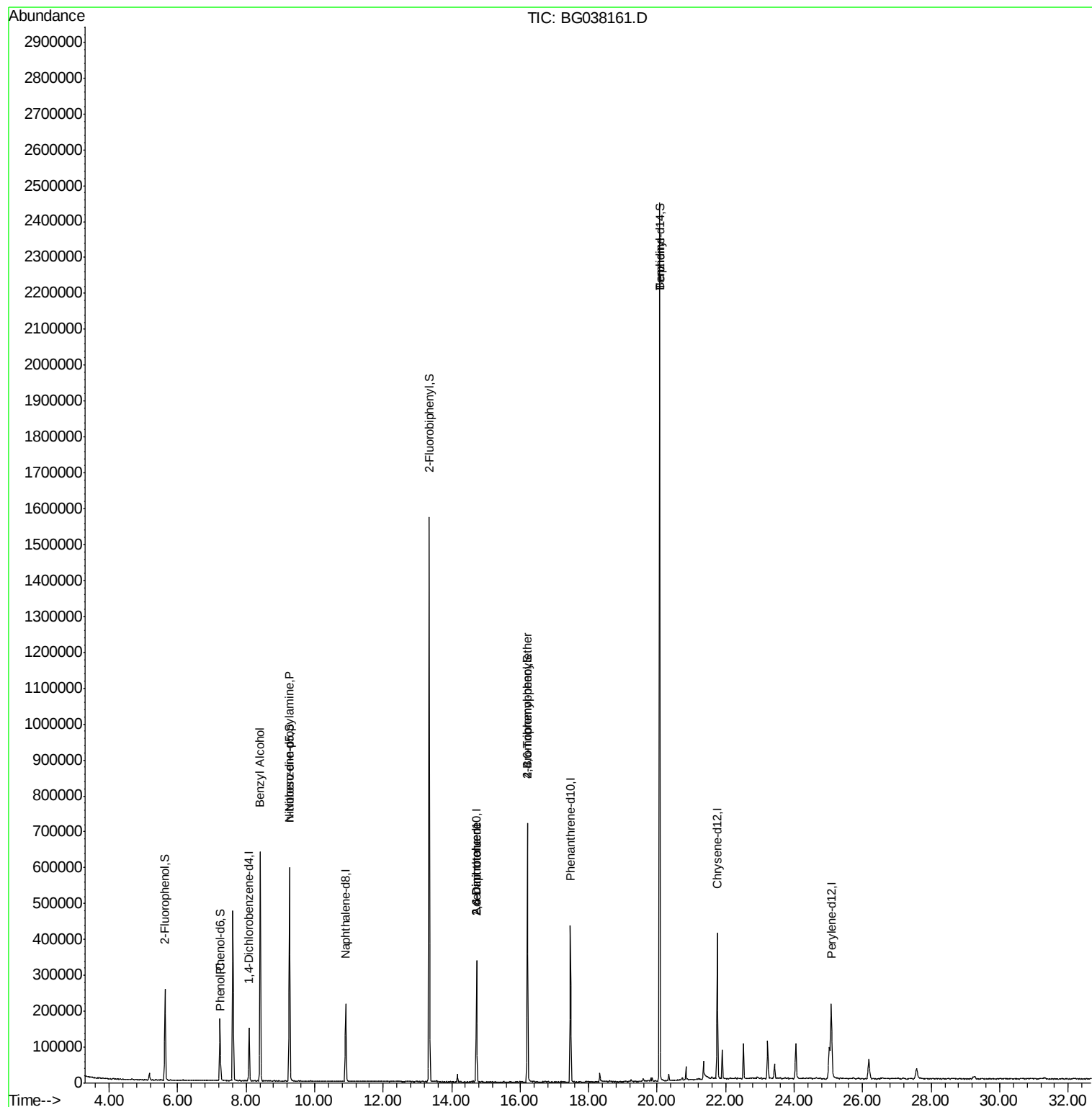
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42116	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	190201	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120617	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	270916	20.00	ng	0.00
76) Chrysene-d12	21.76	240	246441	20.00	ng	0.00
87) Perylene-d12	25.08	264	246672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	118809	48.71	ng	0.00
7) Phenol-d6	7.23	99	106665	30.63	ng	0.00
23) Nitrobenzene-d5	9.27	82	372183	104.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	129643	94.24	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	844109	101.95	ng	0.00
79) Terphenyl-d14	20.07	244	1151234	109.92	ng	0.00
Target Compounds						
10) Phenol	7.26	94	14399	3.904	ng	92
15) Benzyl Alcohol	8.41	79	5222	2.073	ng	# 33
19) n-Nitroso-di-n-propylamine	9.27	70	48605	19.292	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	15975	7.382	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	15975	5.425	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	9896	3.328	ng	# 1
77) Benzidine	20.07	184	20887	2.415	ng	# 92

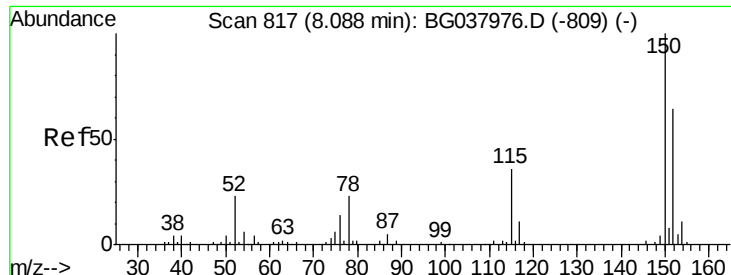
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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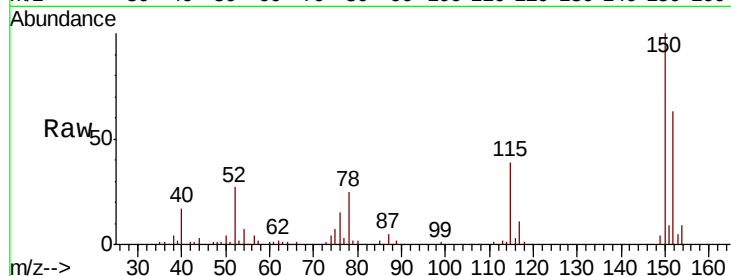


#1

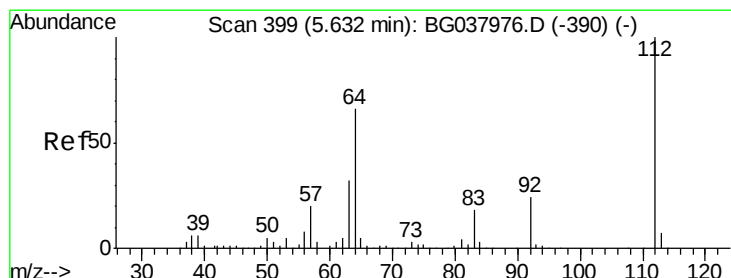
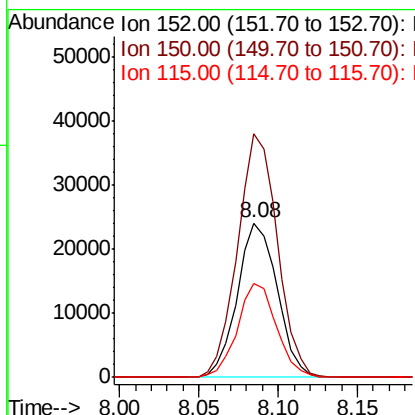
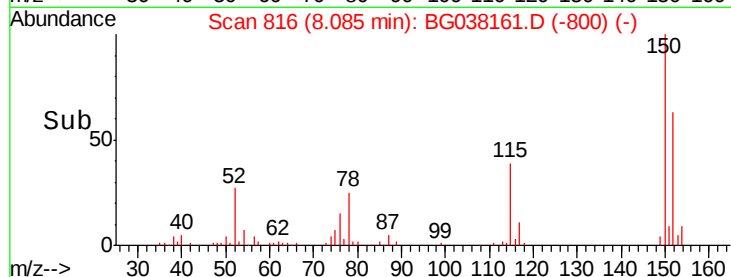
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42116
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 60.9 45.5 68.3



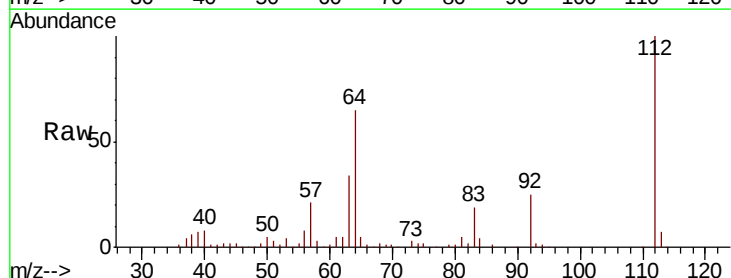
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



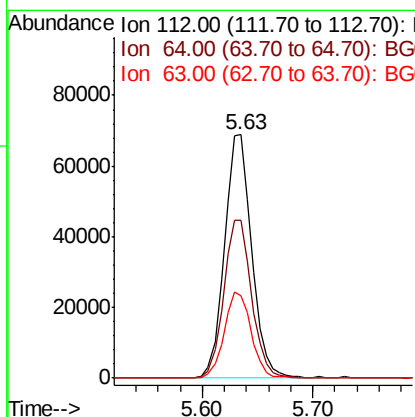
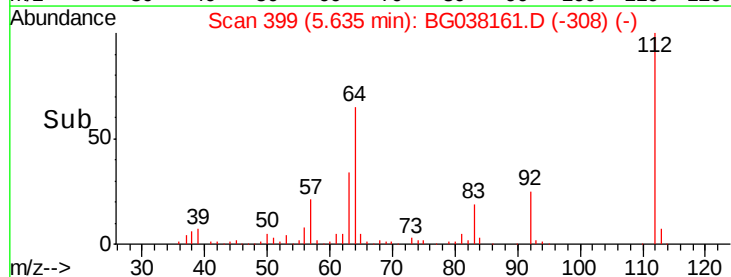
#5

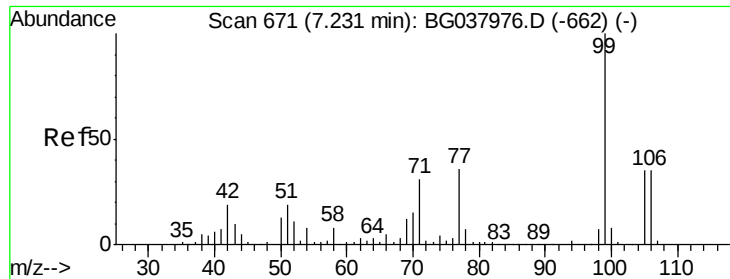
2-Fluorophenol
Concen: 48.706 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:112 Resp: 118809
Ion Ratio Lower Upper
112 100
64 64.8 53.1 79.7
63 34.0 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: 30.634 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

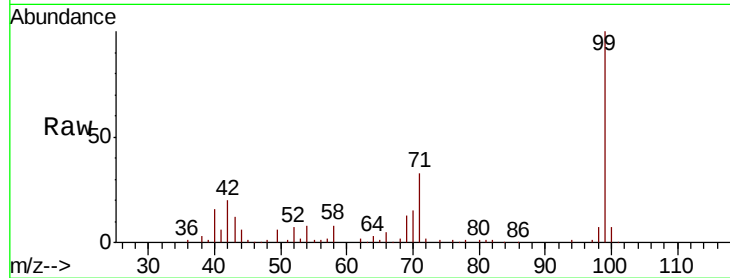
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 106665

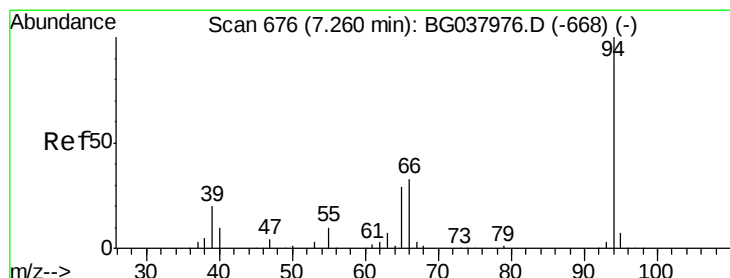
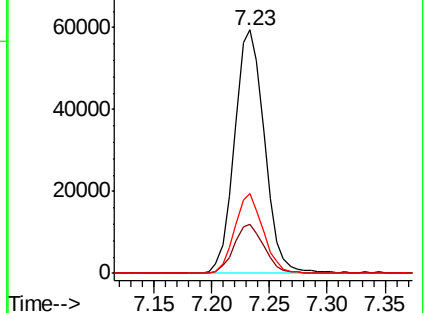
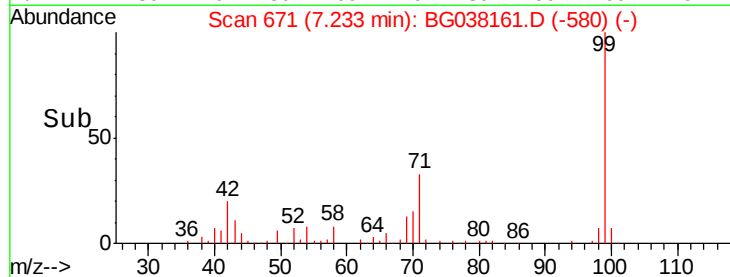
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.0	22.4
71	32.6	25.5	38.3



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: 3.904 ng

RT: 7.26 min Scan# 675

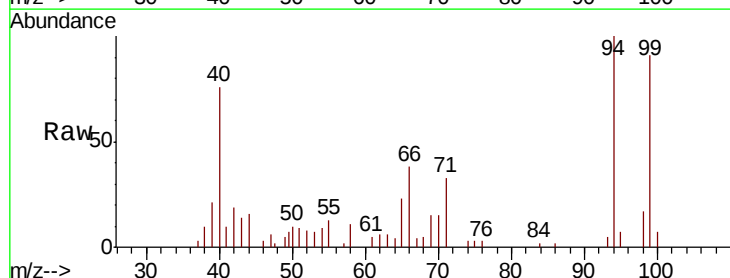
Delta R.T. -0.00 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

Tgt Ion: 94 Resp: 14399

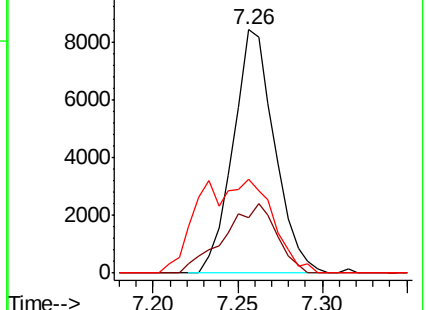
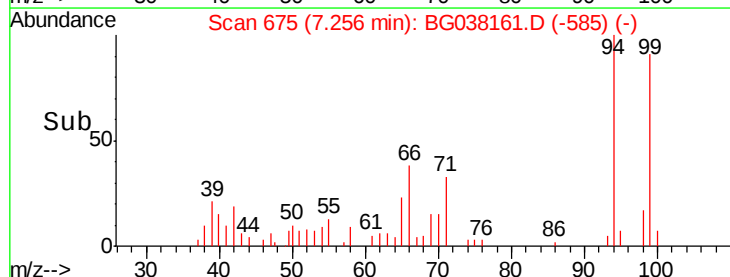
Ion	Ratio	Lower	Upper
94	100		
65	22.8	9.7	49.7
66	38.3	15.9	55.9

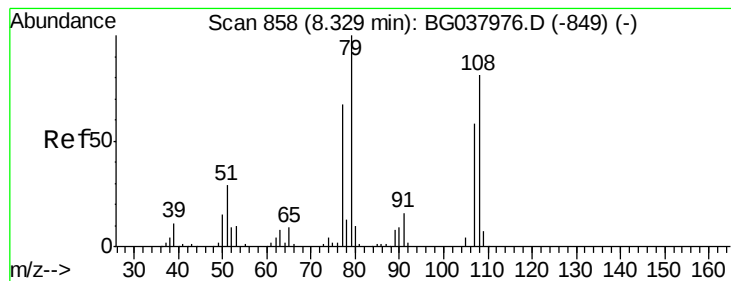


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.073 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.08 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

Instrument :

BNA_G

ClientSampleId :

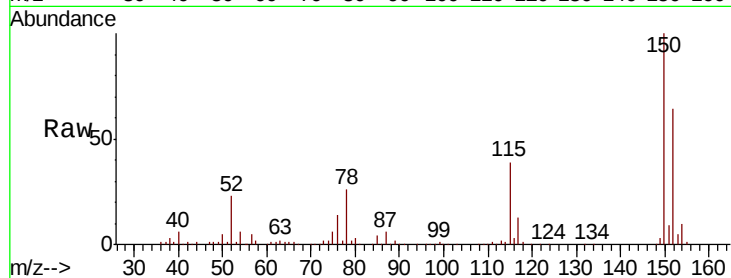
Tot Ion: 79 Resp: 5222

Ion Ratio Lower Upper

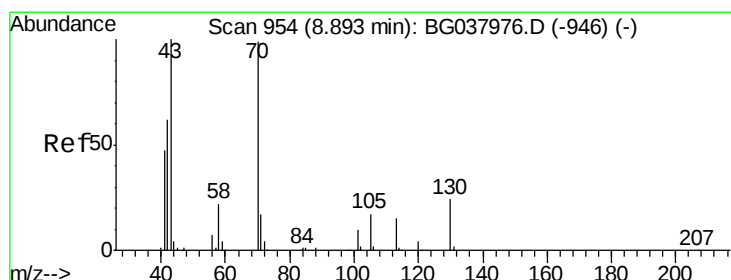
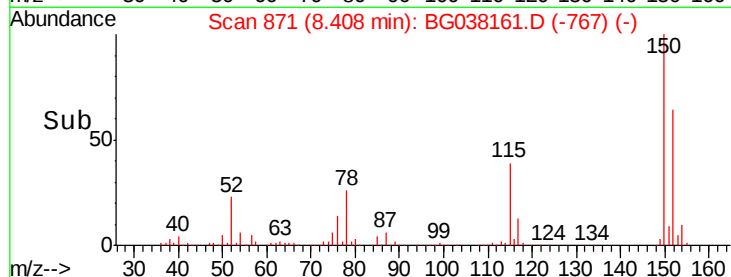
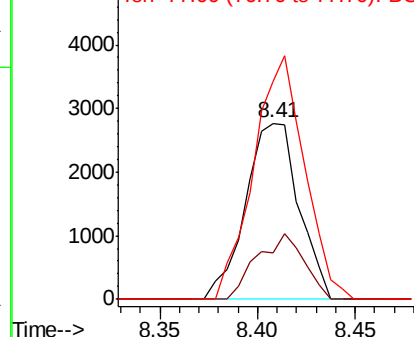
79 100

108 26.5 65.8 98.8#

77 123.6 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 19.292 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

Tgt Ion: 70 Resp: 48605

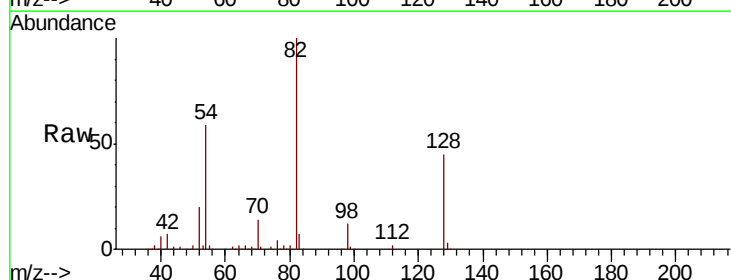
Ion Ratio Lower Upper

70 100

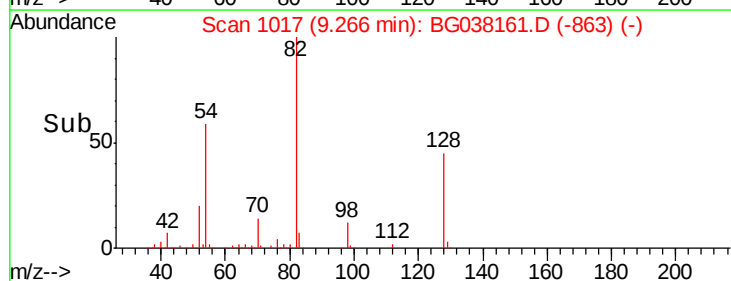
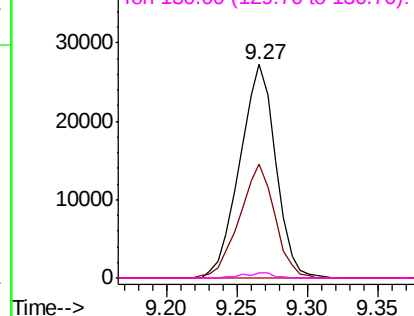
42 53.1 53.9 80.9#

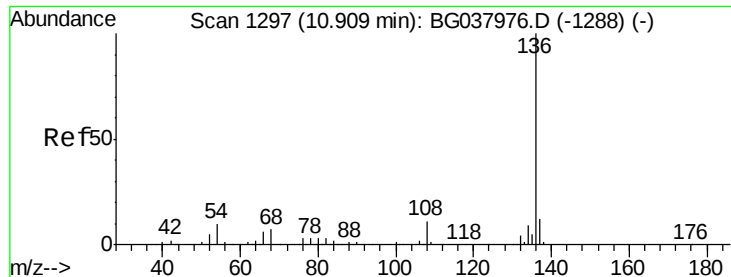
101 0.0 8.2 12.2#

130 2.6 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

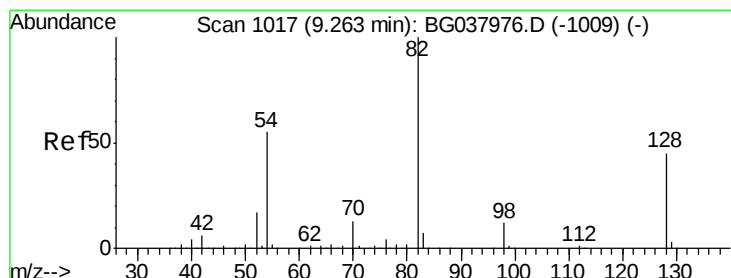
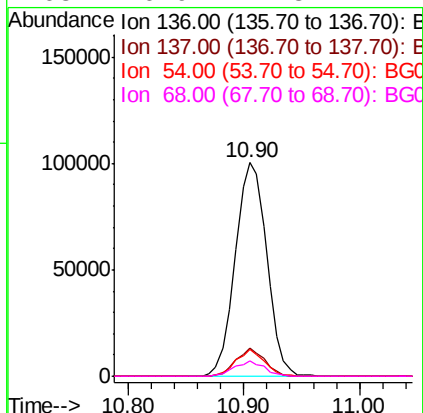
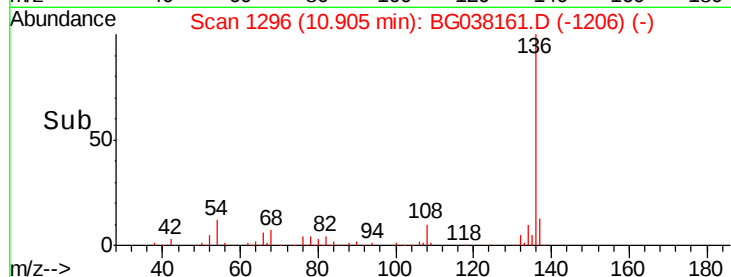
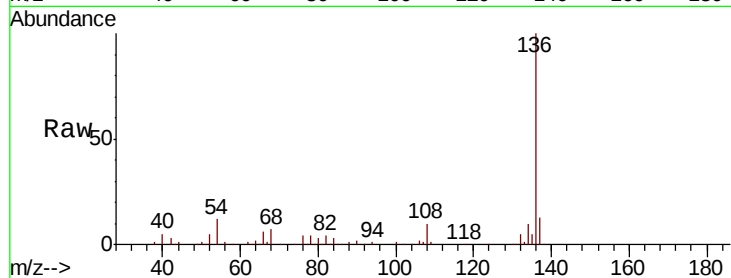




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

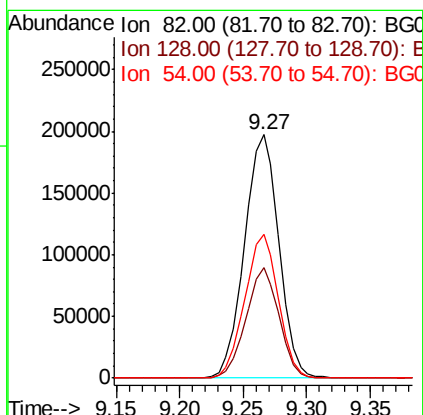
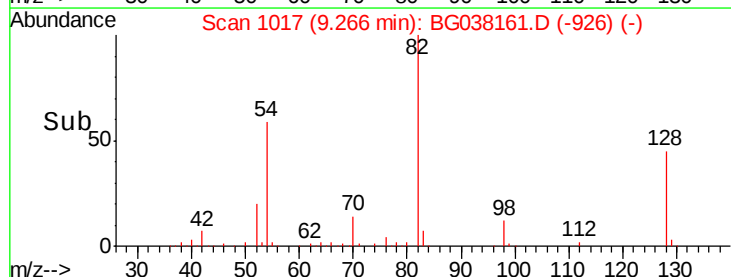
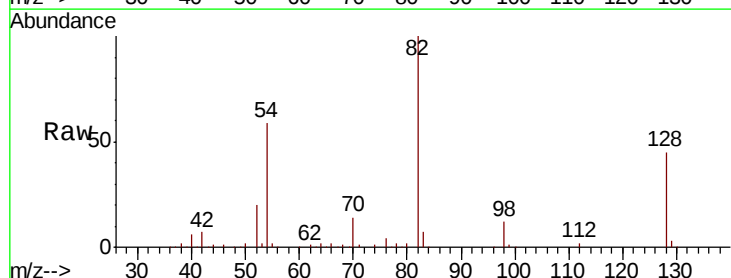
Instrument :
BNA_G
ClientSampleId :

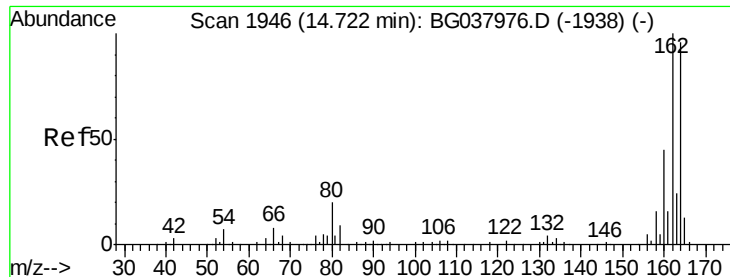
Tot Ion:136	Resp:	190201
Ion Ratio	Lower	Upper
136	100	
137	13.2	9.6 14.4
54	12.4	7.9 11.9#
68	6.9	4.8 7.2



#23
Nitrobenzene-d5
Concen: 104.748 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion: 82	Resp:	372183
Ion Ratio	Lower	Upper
82	100	
128	45.3	34.6 51.8
54	59.2	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

Instrument :

BNA_G

ClientSampleId :

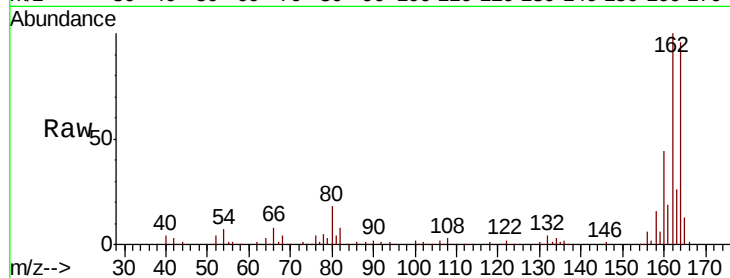
Tot Ion:164 Resp: 120617

Ion Ratio Lower Upper

164 100

162 104.5 81.3 121.9

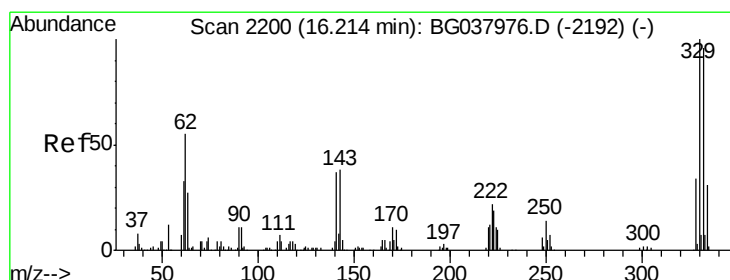
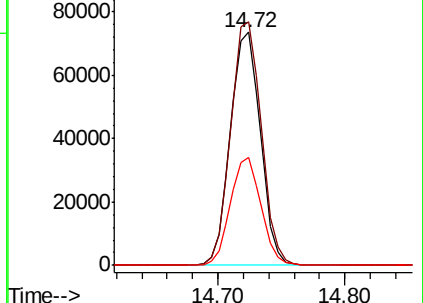
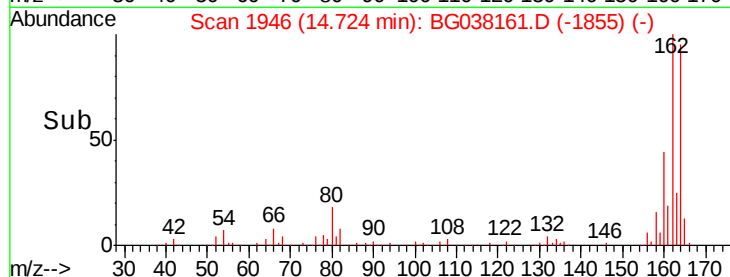
160 46.1 36.3 54.5



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: 94.244 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

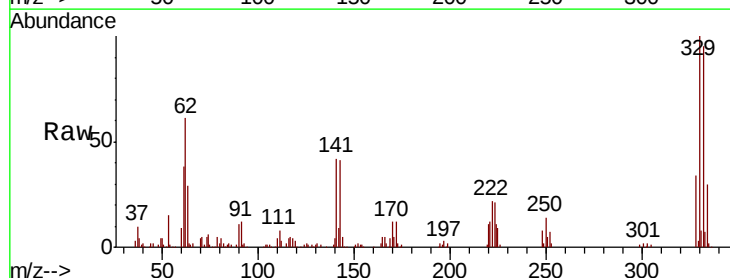
Tgt Ion:330 Resp: 129643

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

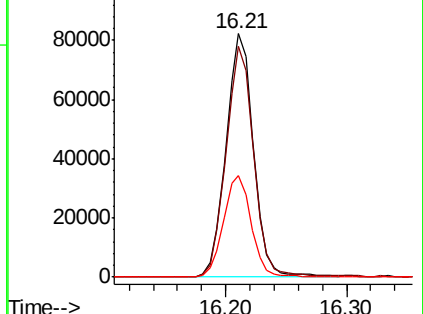
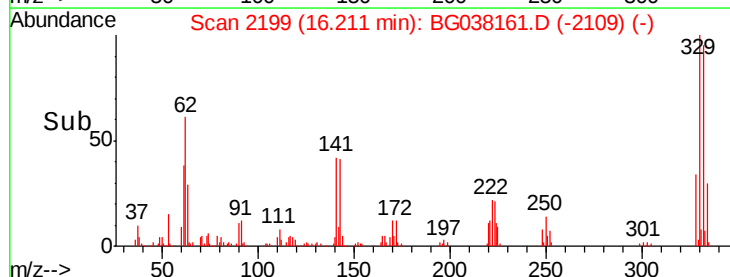
141 42.2 32.2 48.2

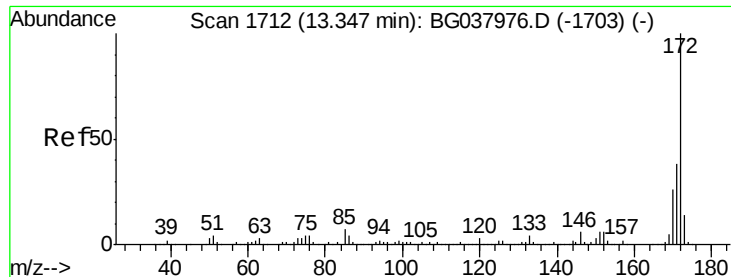


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

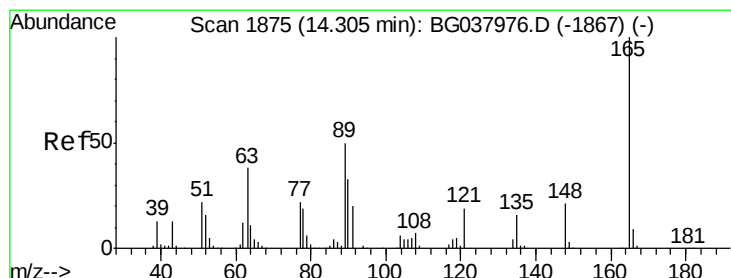
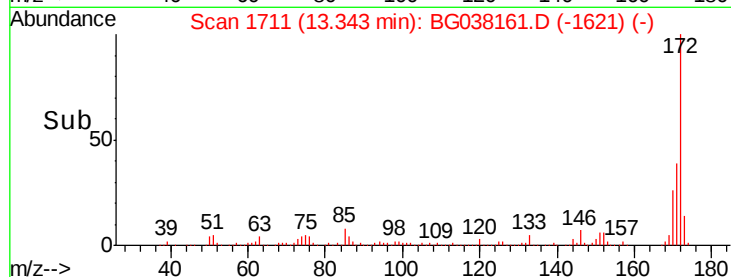
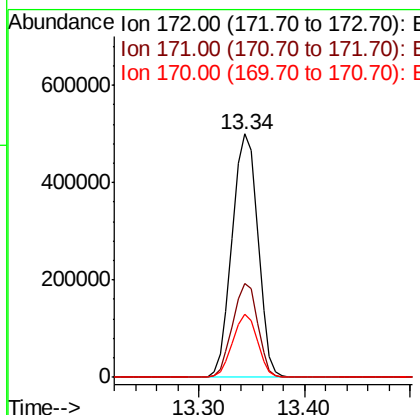
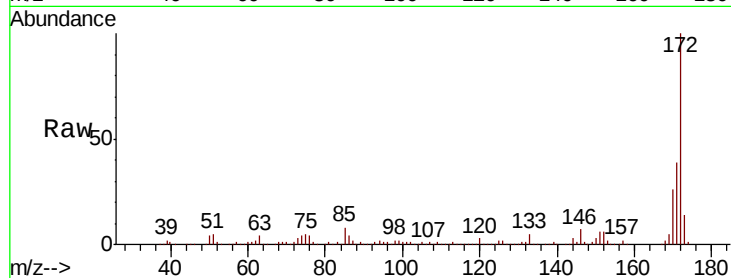




#45
 2-Fluorobiphenyl
 Concen: 101.954 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038161.D
 Acq: 27 Nov 2018 8:54

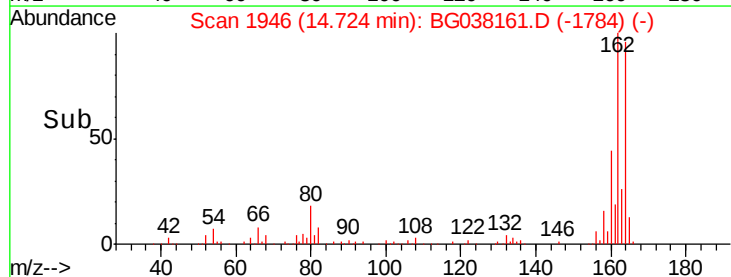
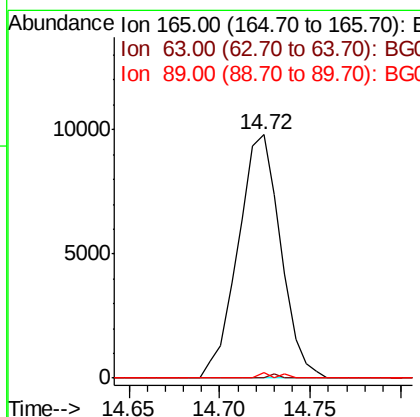
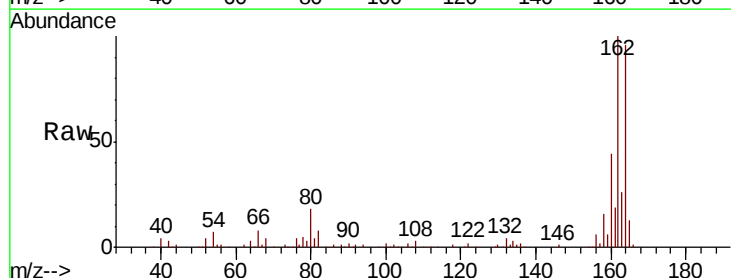
Instrument :
 BNA_G
 ClientSampleId :

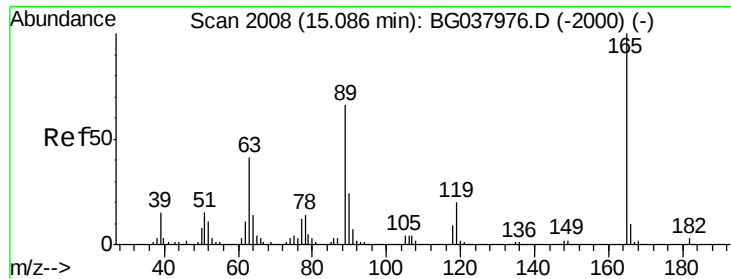
Tot Ion:172 Resp: 844109
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 25.8 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.382 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038161.D
 Acq: 27 Nov 2018 8:54

Tgt Ion:165 Resp: 15975
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 2.1 45.8 68.6#

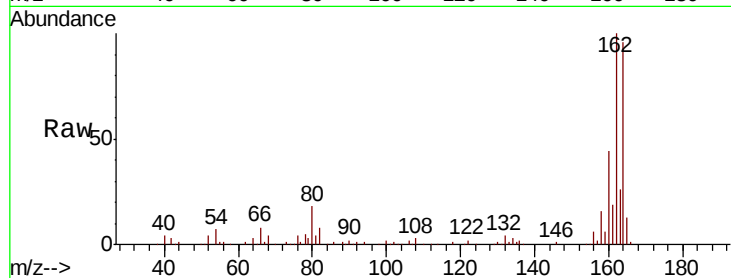




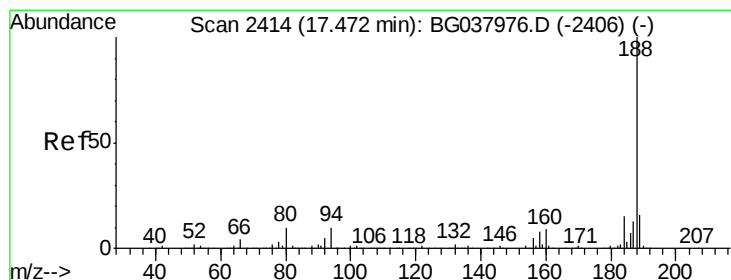
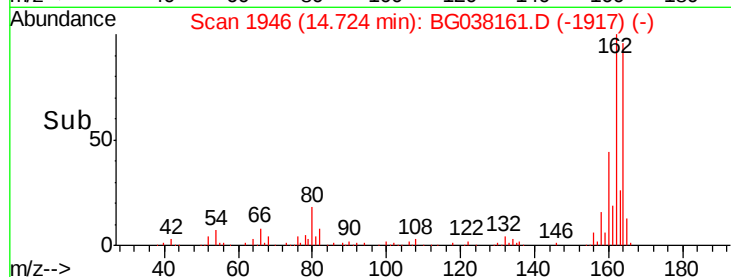
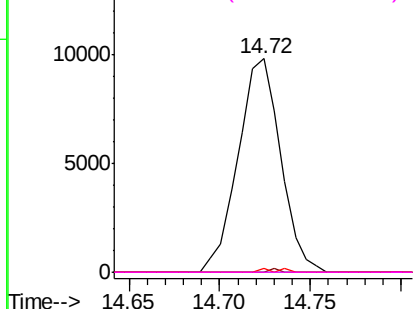
#57
 2,4-Dinitrotoluene
 Concen: 5.425 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038161.D
 Acq: 27 Nov 2018 8:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	15975
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.4 50.0#
89	2.1	57.2 85.8#
182	0.0	2.6 4.0#

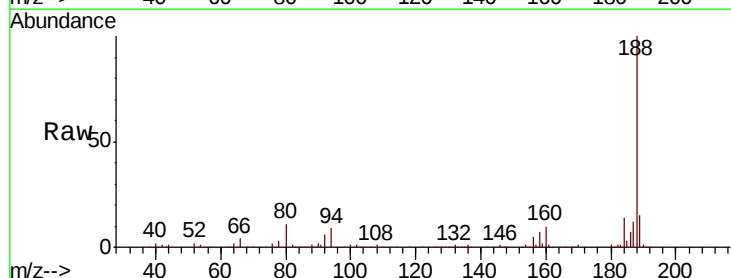


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

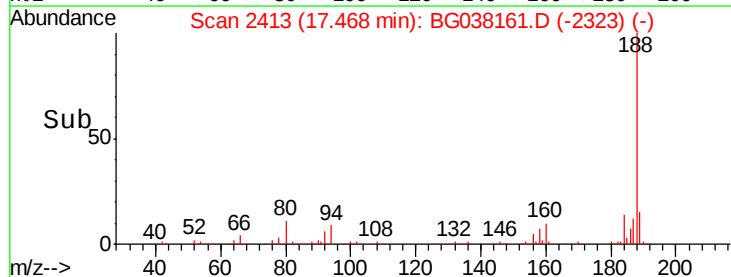
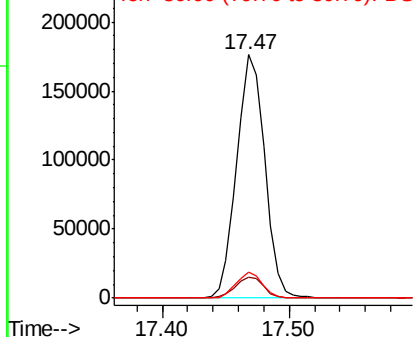


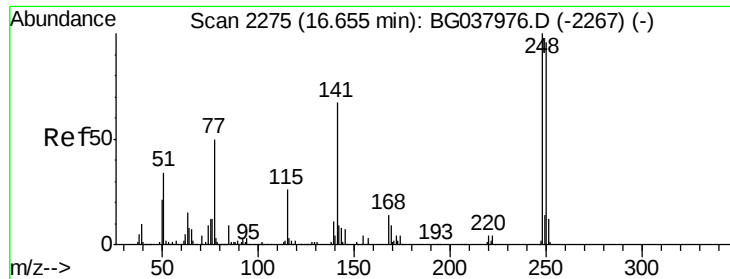
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038161.D
 Acq: 27 Nov 2018 8:54

Tgt Ion:188	Resp:	270916
Ion Ratio	Lower	Upper
188	100	
94	8.5	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

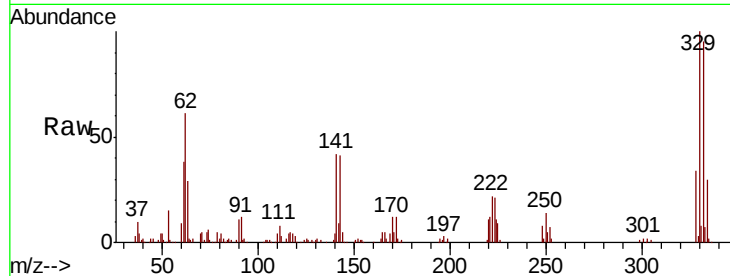




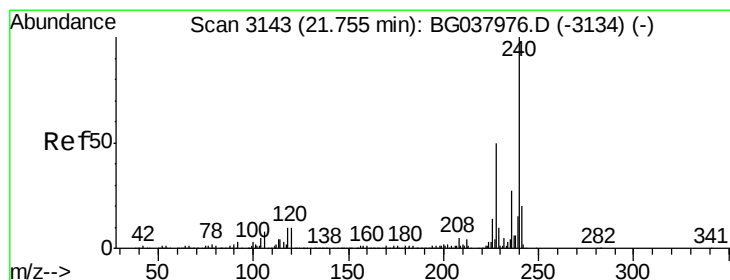
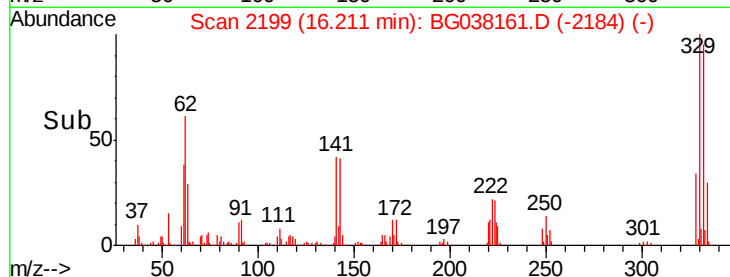
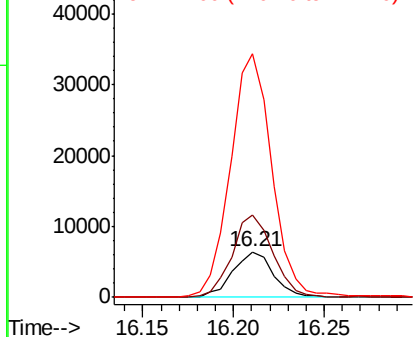
#67
4-Bromophenyl-phenylether
Concen: 3.328 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.44 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9896
Ion Ratio Lower Upper
248 100
250 183.8 77.0 115.6#
141 407.7 55.5 83.3#

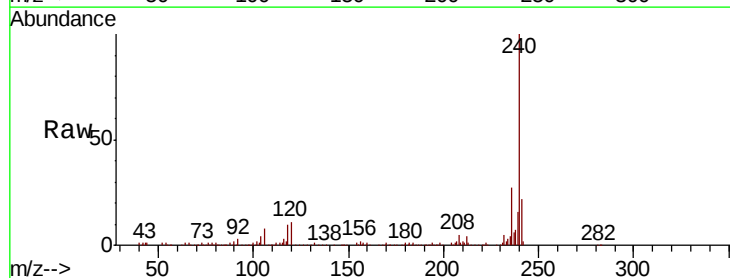


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

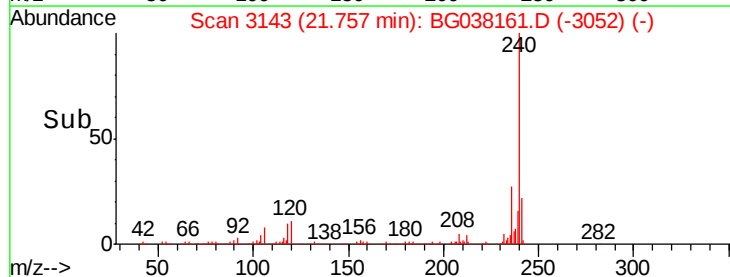
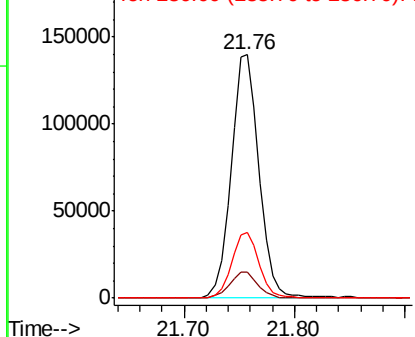


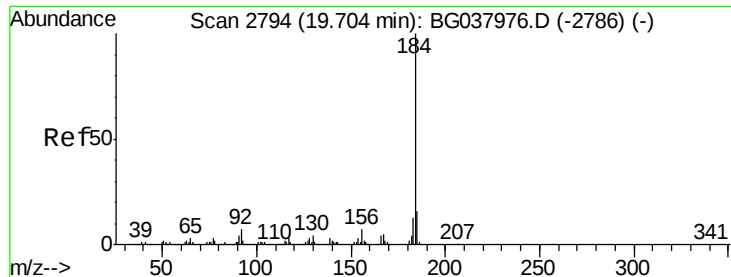
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Tgt Ion:240 Resp: 246441
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.2 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





#77

Benzidine

Concen: 2.415 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

Instrument :

BNA_G

ClientSampleId :

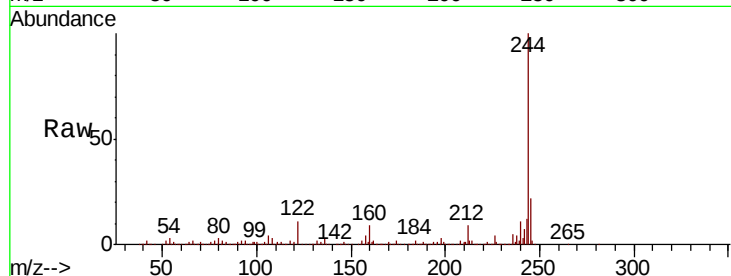
Tot Ion:184 Resp: 20887

Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

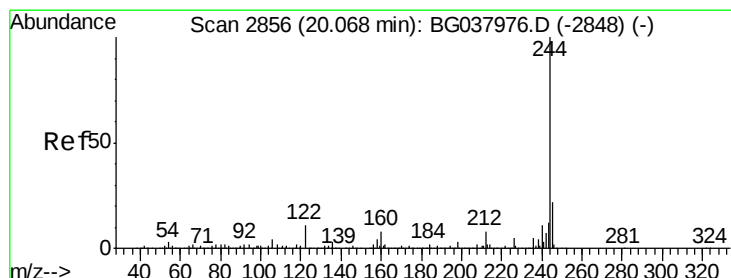
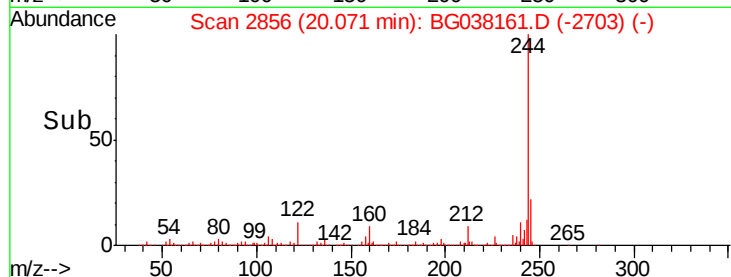
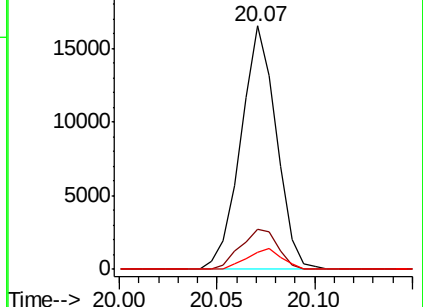
183 7.0 10.2 15.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 109.919 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038161.D

Acq: 27 Nov 2018 8:54

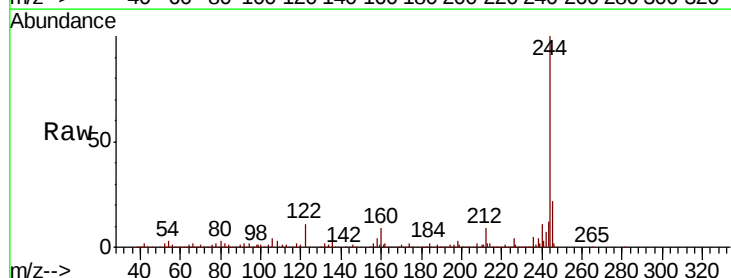
Tgt Ion:244 Resp: 1151234

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

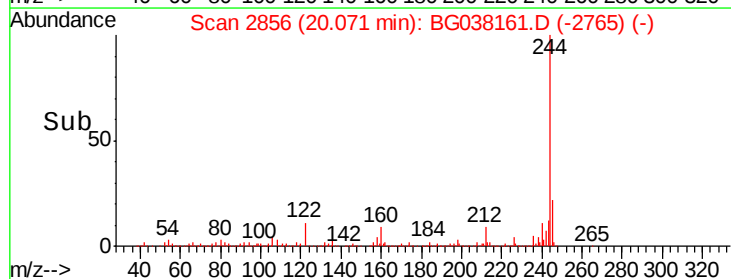
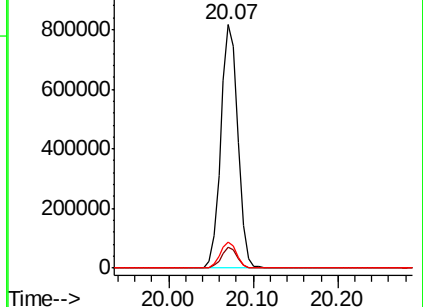
122 10.6 9.0 13.4

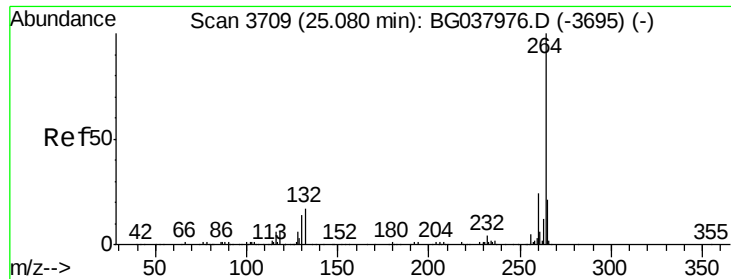


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038161.D
Acq: 27 Nov 2018 8:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.4
265	20.2	17.9	26.9

