

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG113018\
 Data File : BG038256.D
 Acq On : 30 Nov 2018 14:05
 Operator : JU/SJ
 Sample : J6083-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Nov 30 14:41:10 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

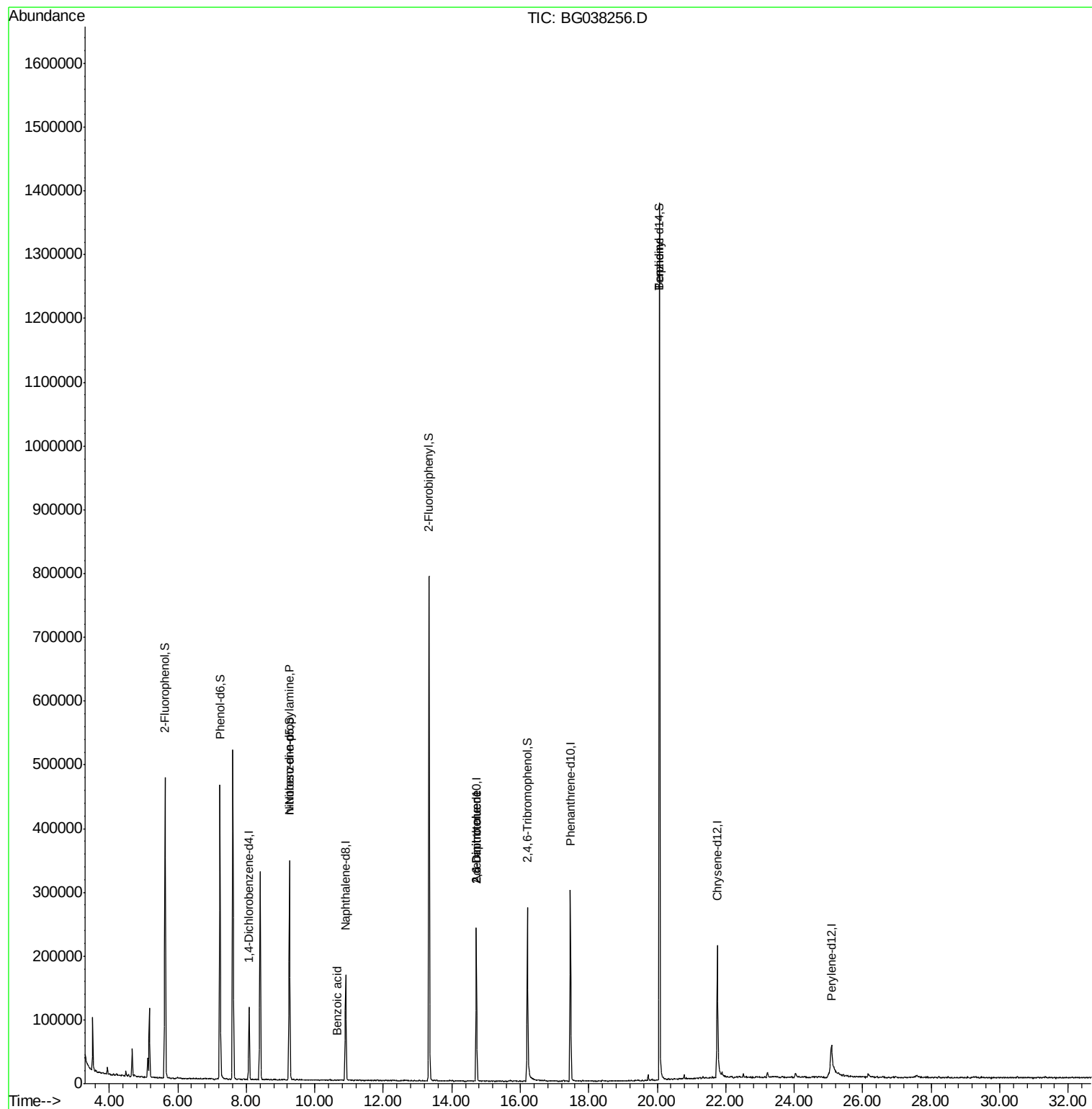
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33144	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	142383	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	90738	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	199398	20.00	ng	0.00
76) Chrysene-d12	21.75	240	175706	20.00	ng	0.00
87) Perylene-d12	25.09	264	118393	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	212861	110.89	ng	0.00
7) Phenol-d6	7.23	99	274571	100.20	ng	0.00
23) Nitrobenzene-d5	9.26	82	220326	82.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	61044	58.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	438248	70.36	ng	0.00
79) Terphenyl-d14	20.07	244	747094	100.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	29007	14.630	ng	# 74
32) Benzoic acid	10.66	122	56	12.365	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	11135	6.839	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	11135	5.027	ng	# 25
77) Benzidine	20.06	184	12861	2.086	ng	# 94

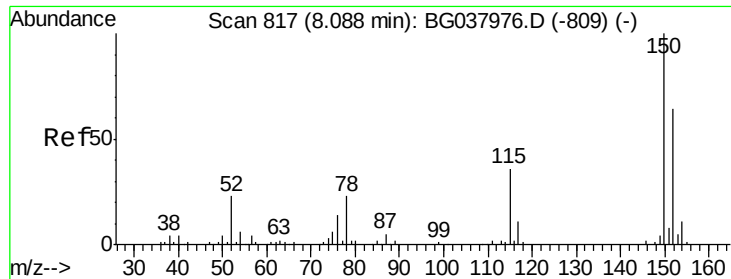
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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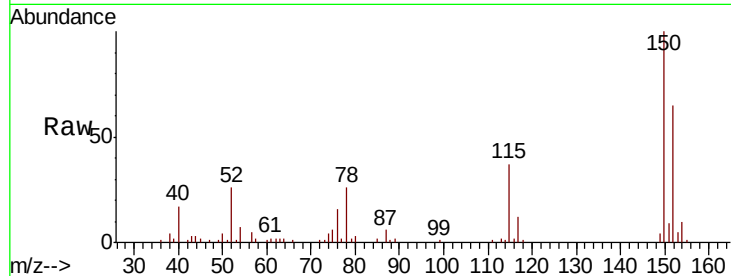


#1

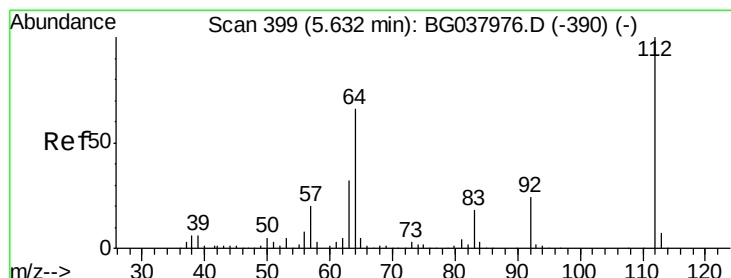
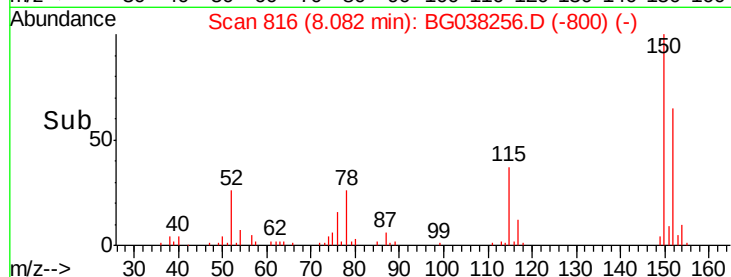
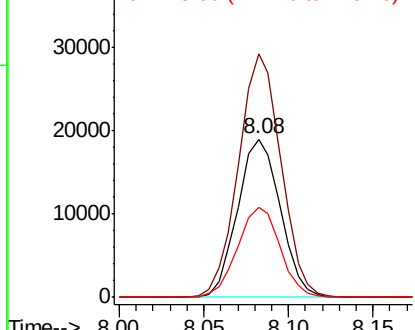
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038256.D
Acq: 30 Nov 2018 14:05

Instrument :
BNA_G
ClientSampleId :
WC-3

Tot Ion:152 Resp: 33144
Ion Ratio Lower Upper
152 100
150 154.2 126.0 189.0
115 56.8 45.5 68.3



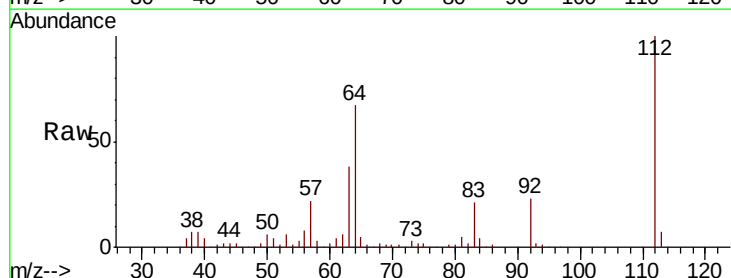
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



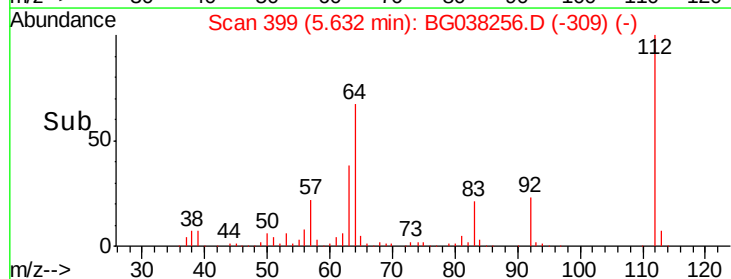
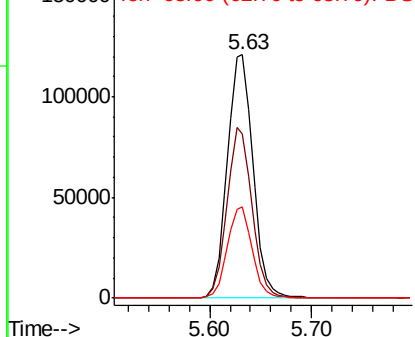
#5

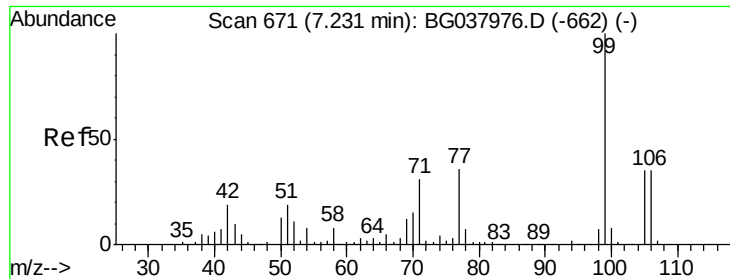
2-Fluorophenol
Concen: 110.885 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038256.D
Acq: 30 Nov 2018 14:05

Tgt Ion:112 Resp: 212861
Ion Ratio Lower Upper
112 100
64 67.3 53.1 79.7
63 37.5 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: 100.202 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

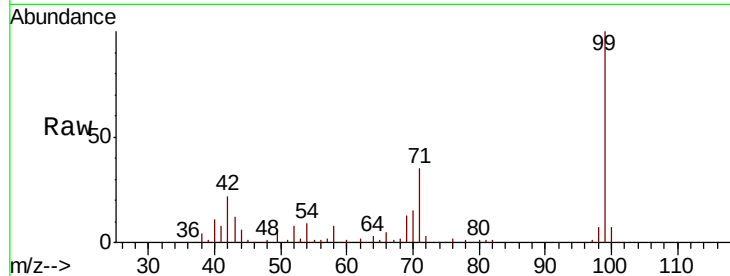
Tot Ion: 99 Resp: 274571

Ion Ratio Lower Upper

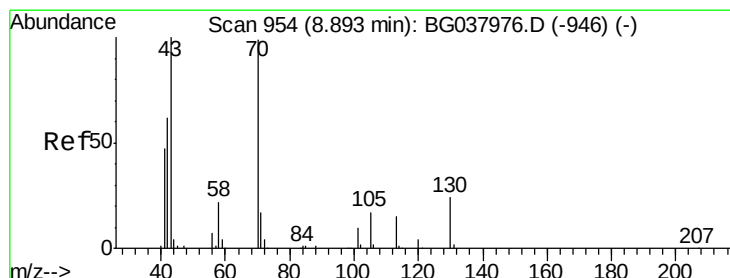
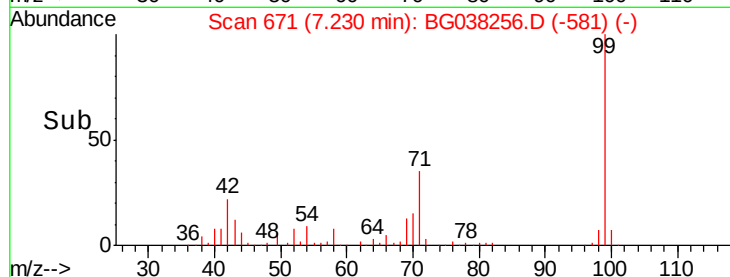
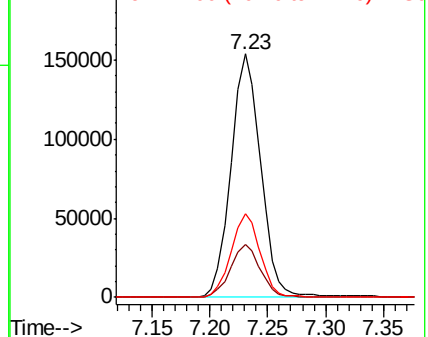
99 100

42 21.7 15.0 22.4

71 34.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.630 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Tgt Ion: 70 Resp: 29007

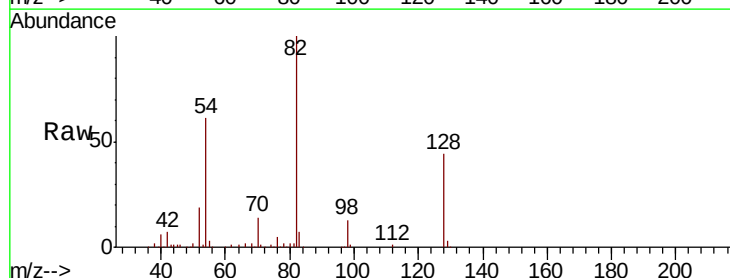
Ion Ratio Lower Upper

70 100

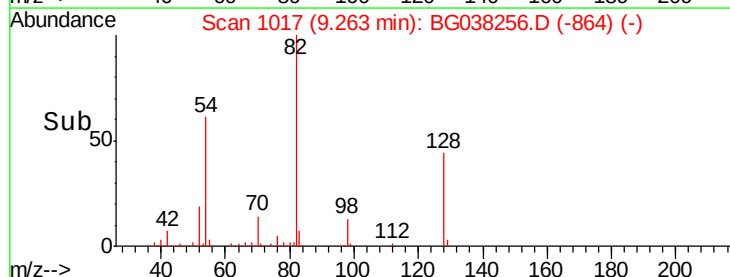
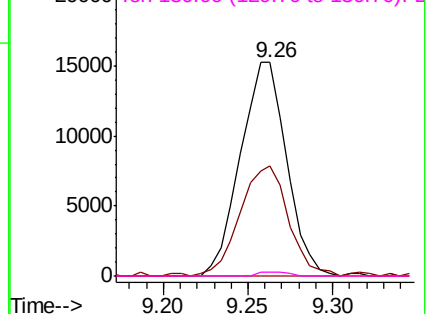
42 51.5 53.9 80.9#

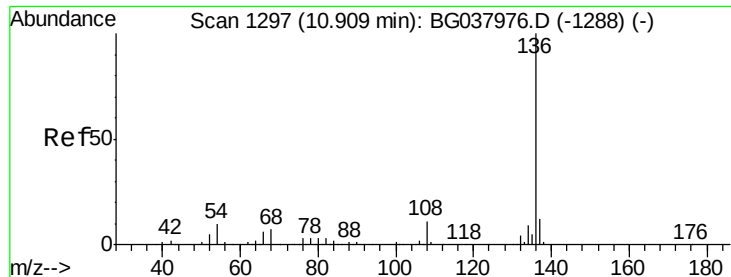
101 0.0 8.2 12.2#

130 2.0 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

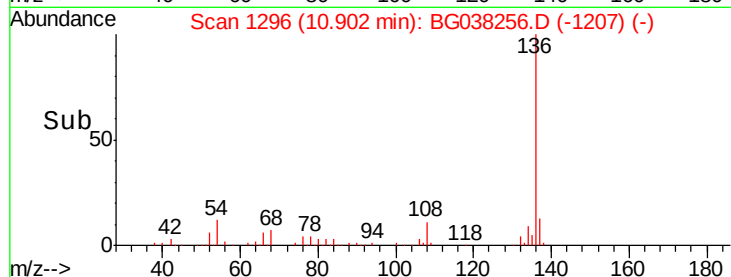
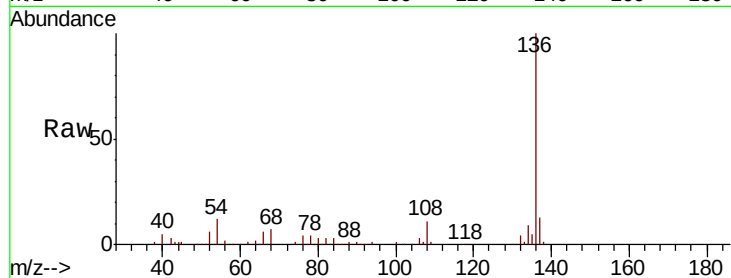




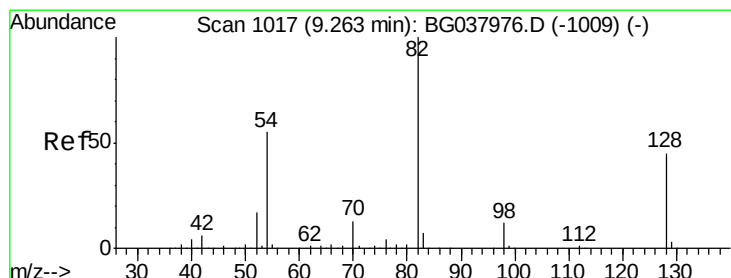
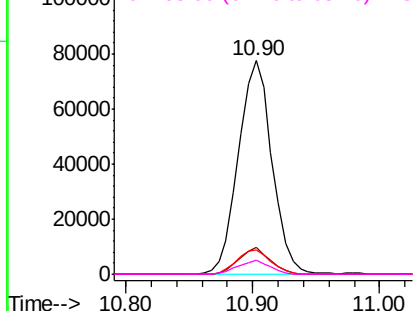
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038256.D
Acq: 30 Nov 2018 14:05

Instrument :
BNA_G
ClientSampleId :
WC-3

Tot Ion:136	Resp:	142383
Ion	Ratio	Lower Upper
136	100	
137	12.5	9.6 14.4
54	11.6	7.9 11.9
68	6.6	4.8 7.2

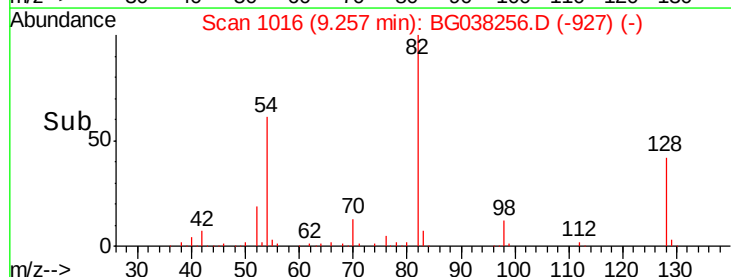
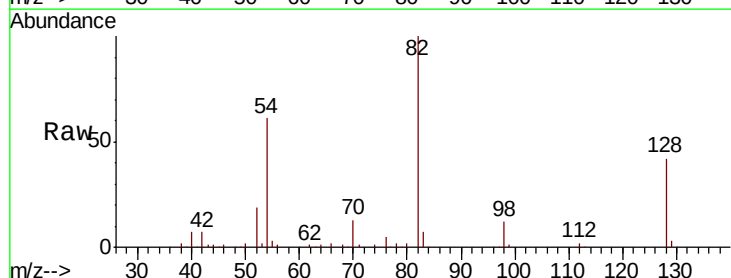


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

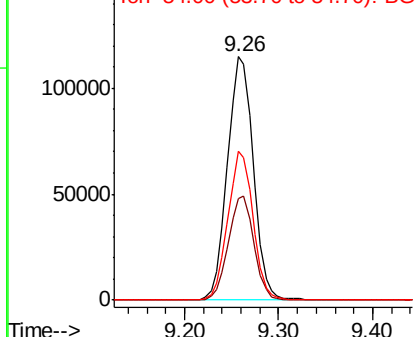


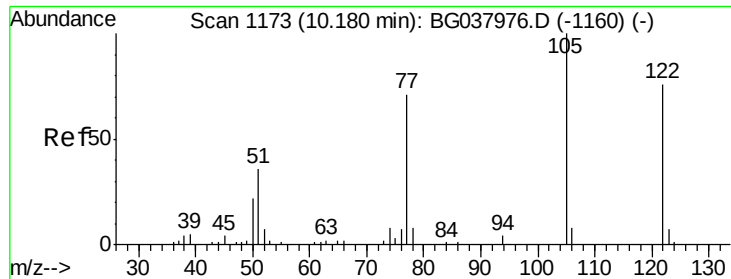
#23
Nitrobenzene-d5
Concen: 82.834 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038256.D
Acq: 30 Nov 2018 14:05

Tgt Ion: 82	Resp:	220326
Ion	Ratio	Lower Upper
82	100	
128	41.6	34.6 51.8
54	61.0	45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 12.365 ng

RT: 10.66 min Scan# 1255

Delta R.T. 0.48 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

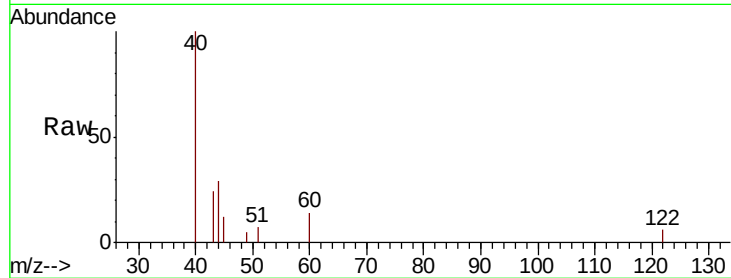
Tot Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 0.0 106.7 146.7#

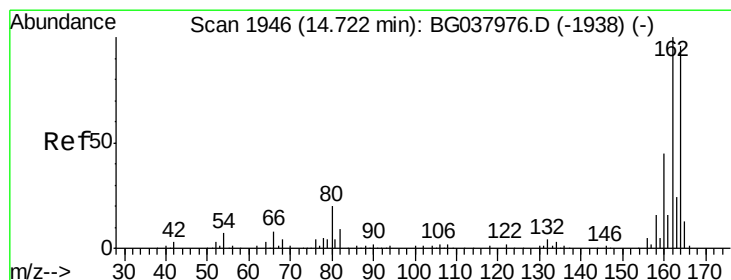
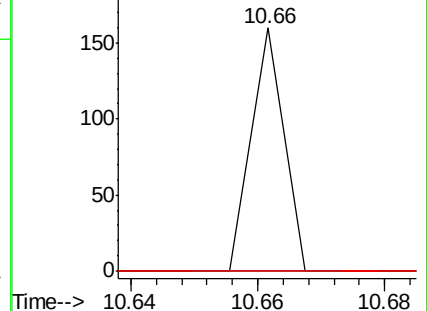
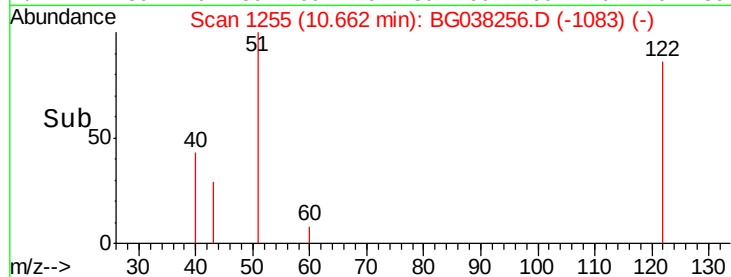
77 0.0 72.2 112.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

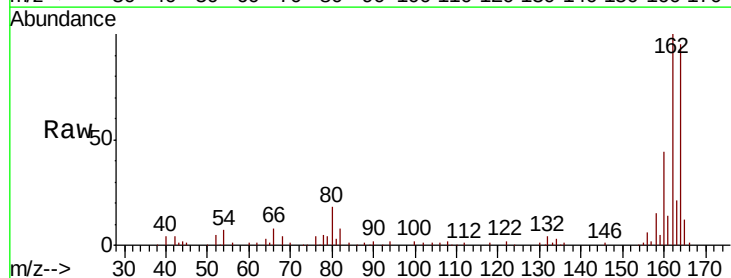
Tgt Ion:164 Resp: 90738

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

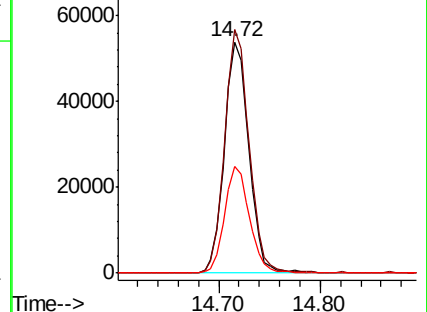
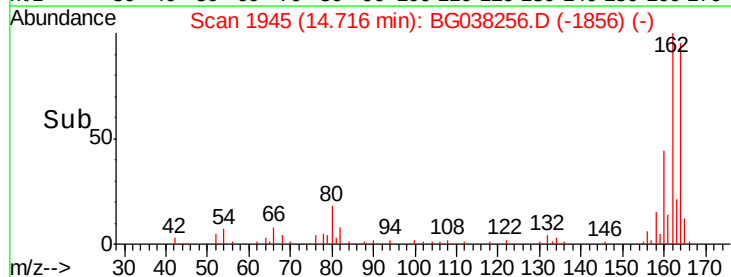
160 46.1 36.3 54.5

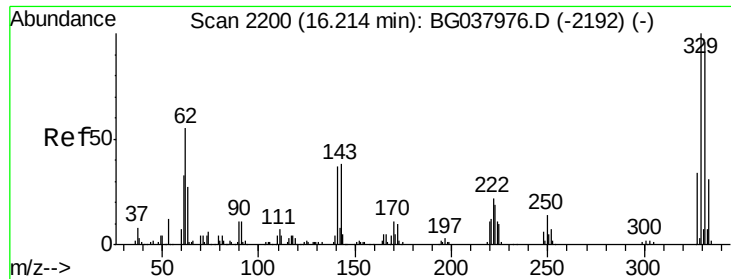


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

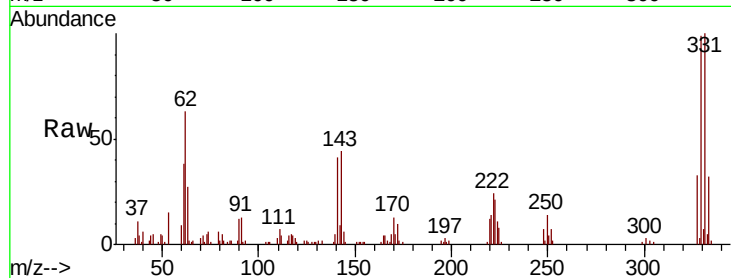




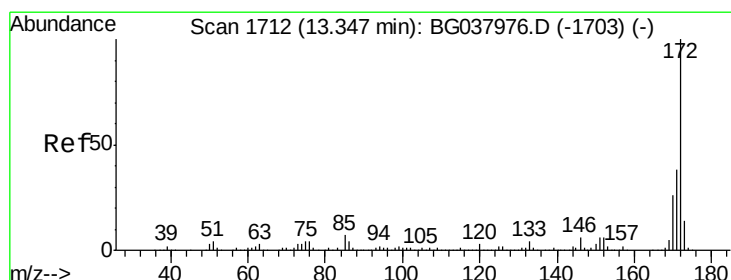
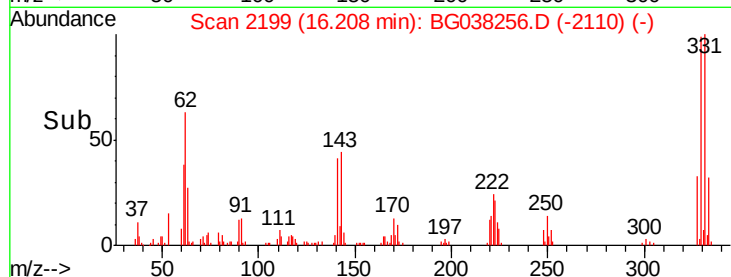
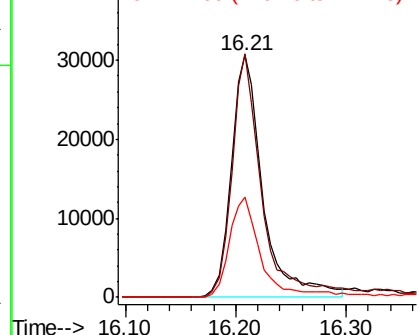
#42
 2,4,6-Tribromophenol
 Concen: 58.989 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tot Ion:330 Resp: 61044
 Ion Ratio Lower Upper
 330 100
 332 91.8 78.4 117.6
 141 39.5 32.2 48.2

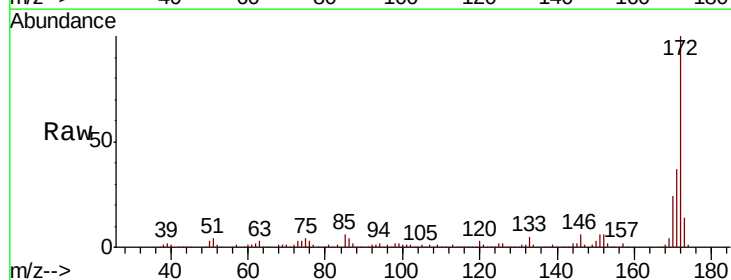


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

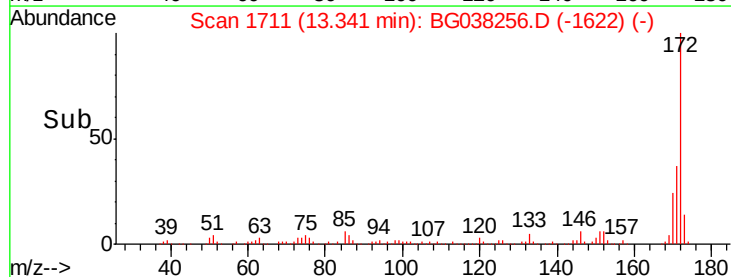
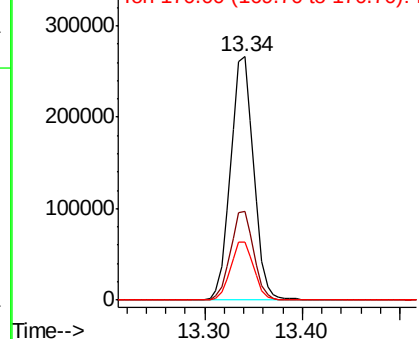


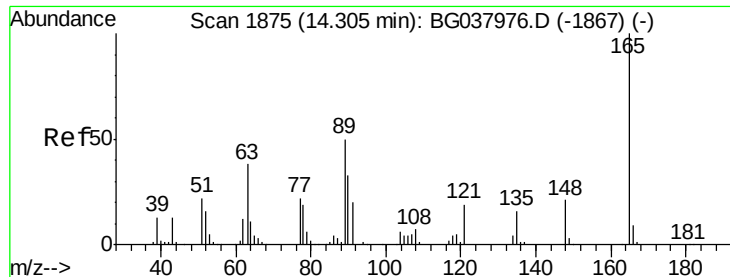
#45
 2-Fluorobiphenyl
 Concen: 70.363 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

Tgt Ion:172 Resp: 438248
 Ion Ratio Lower Upper
 172 100
 171 36.6 31.0 46.4
 170 23.9 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

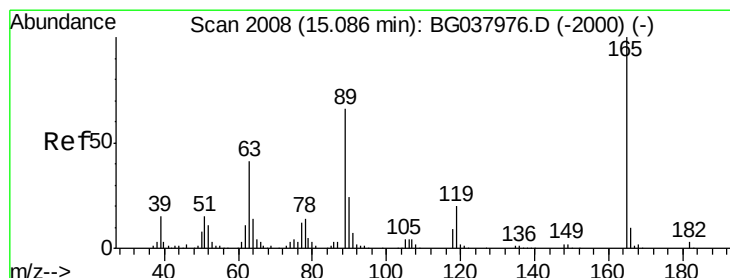
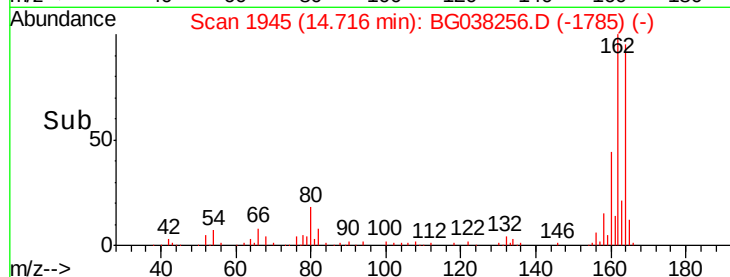
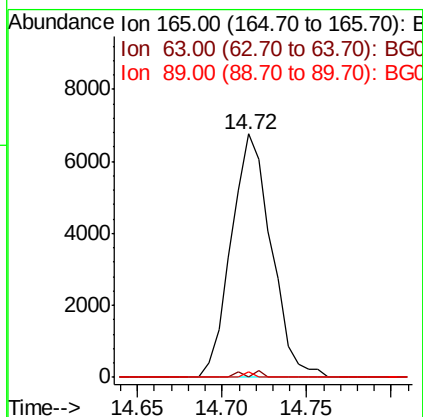
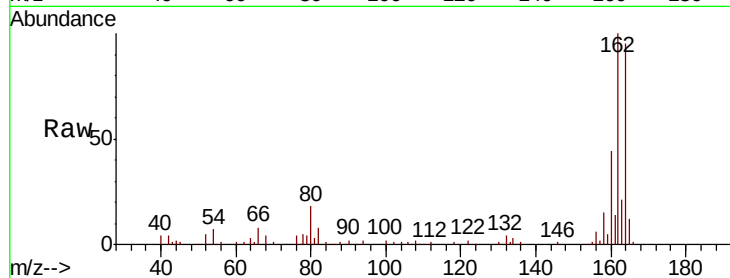




#51
 2,6-Dinitrotoluene
 Concen: 6.839 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

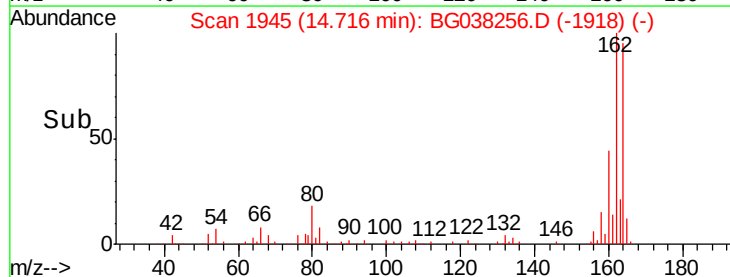
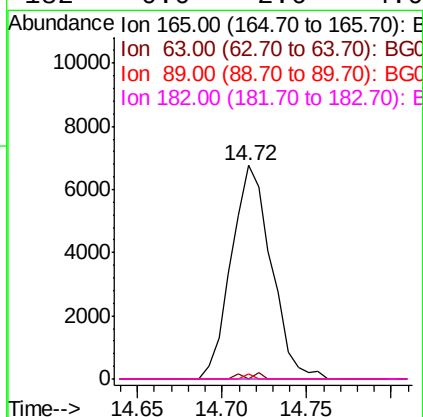
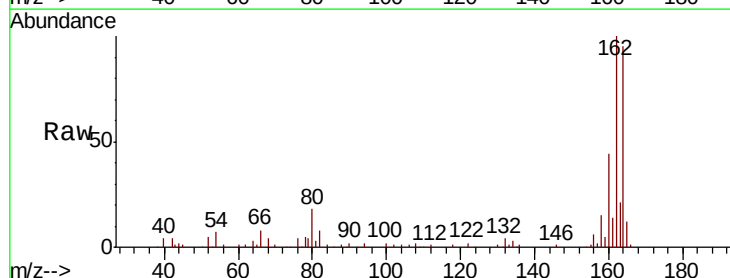
Instrument :
 BNA_G
 ClientSampleId :
 WC-3

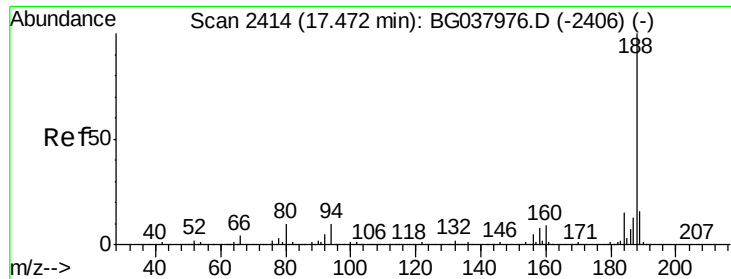
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.027 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038256.D
 Acq: 30 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

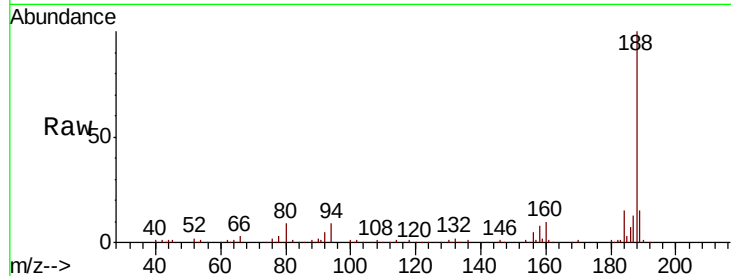
Tot Ion:188 Resp: 199398

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

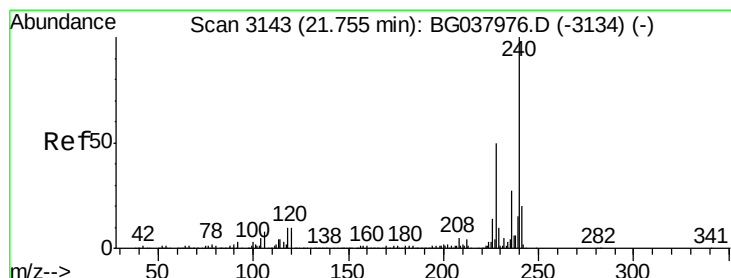
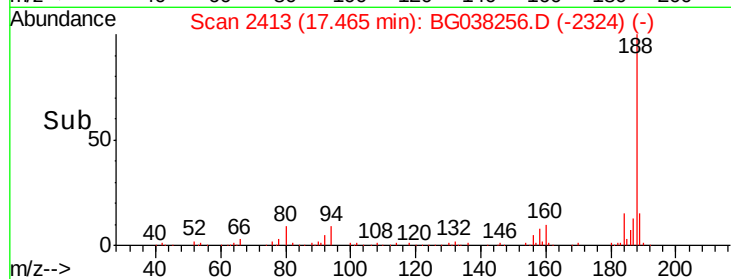
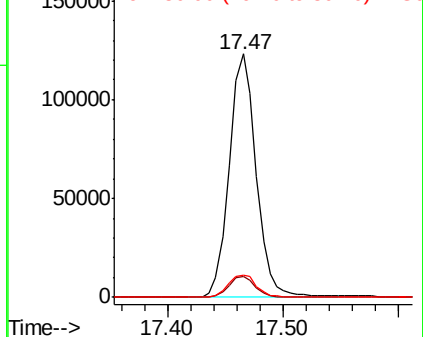
80 9.0 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

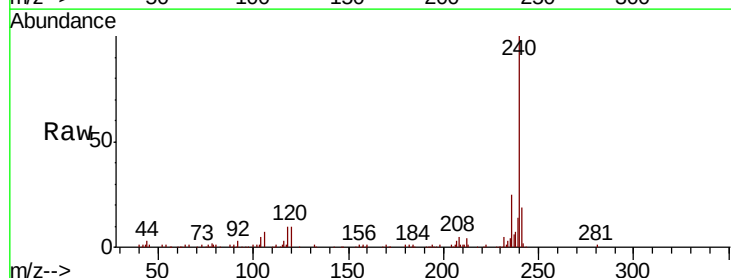
Tgt Ion:240 Resp: 175706

Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

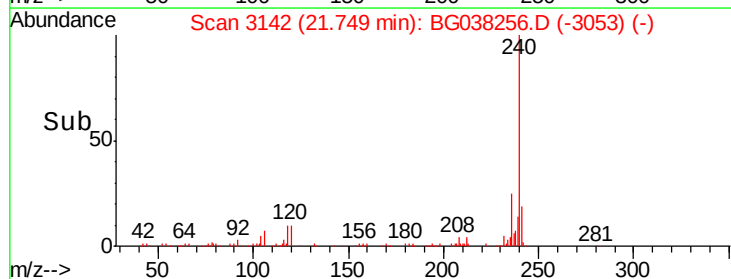
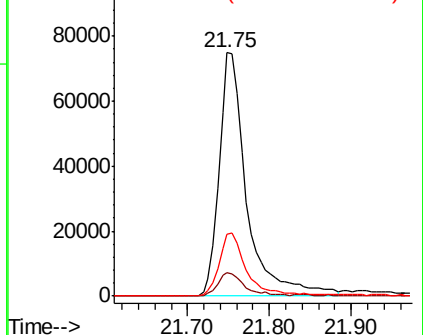
236 25.3 21.4 32.0

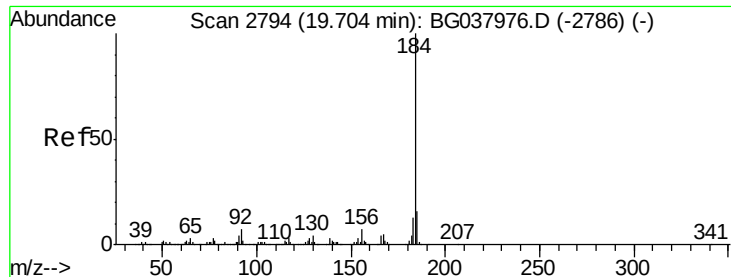


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.086 ng

RT: 20.06 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

Instrument :

BNA_G

ClientSampleId :

WC-3

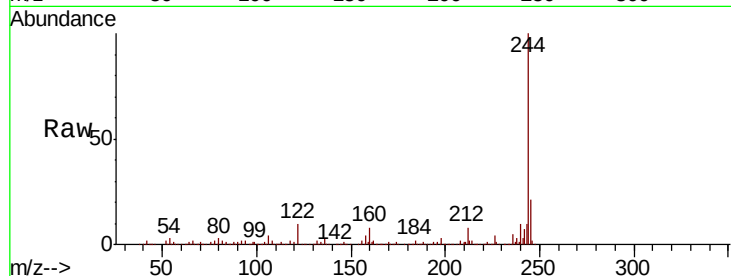
Tot Ion:184 Resp: 12861

Ion Ratio Lower Upper

184 100

185 16.6 12.6 18.8

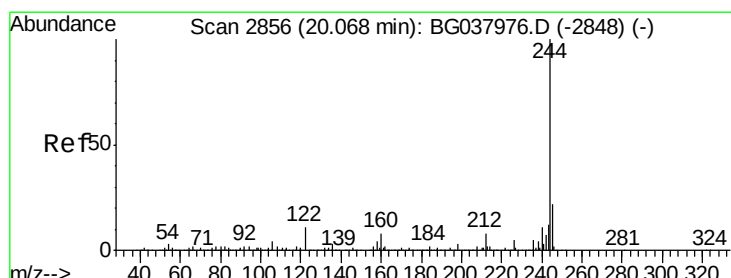
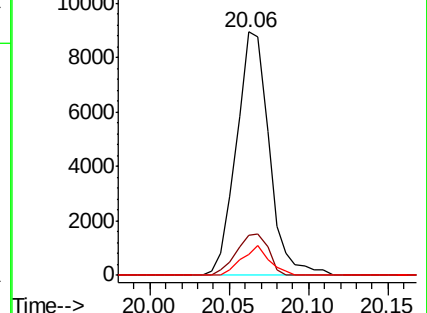
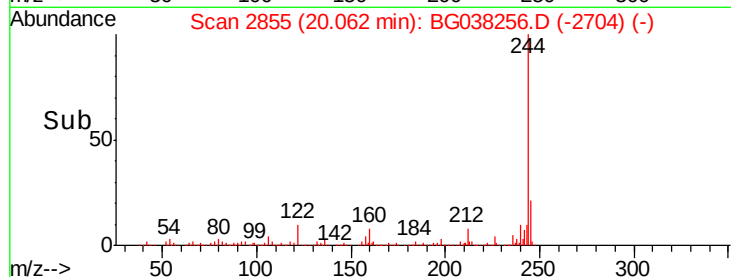
183 8.6 10.2 15.2#



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: 100.049 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038256.D

Acq: 30 Nov 2018 14:05

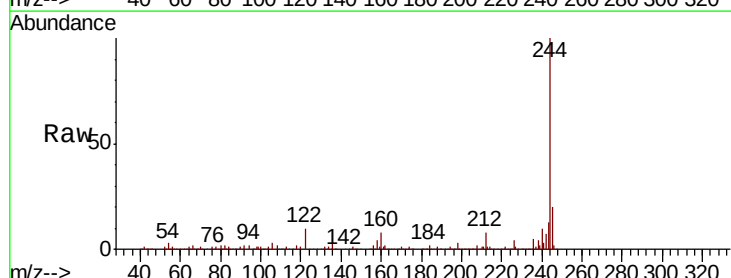
Tgt Ion:244 Resp: 747094

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

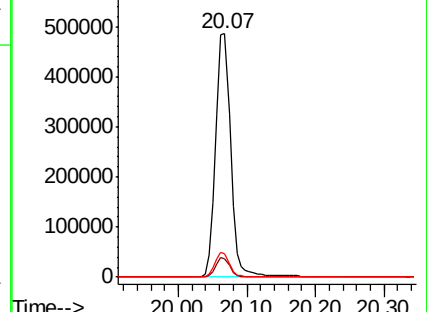
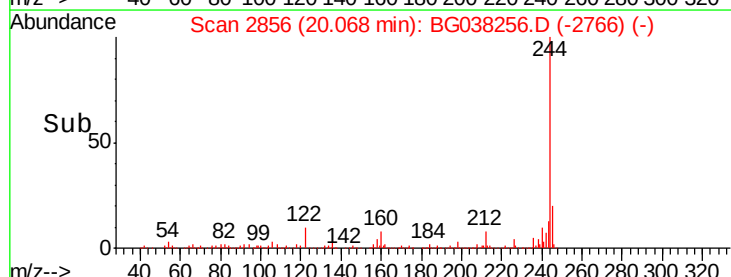
122 9.6 9.0 13.4

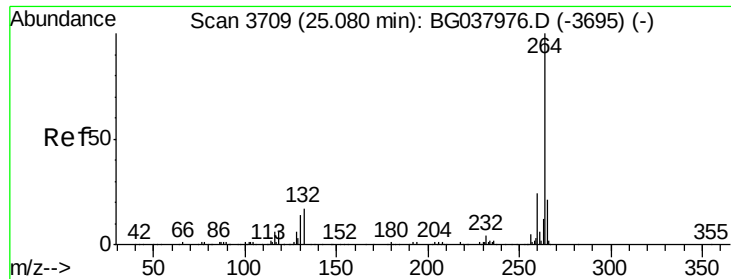


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.01 min
Lab File: BG038256.D
Acq: 30 Nov 2018 14:05

Instrument :
BNA_G
ClientSampleId :
WC-3

Tot Ion:264 Resp: 118393

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	19.7	17.9	26.9

