

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038142.D
 Acq On : 26 Nov 2018 19:24
 Operator : JU/SJ
 Sample : J6031-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VTW-03

Quant Time: Nov 27 06:54:48 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

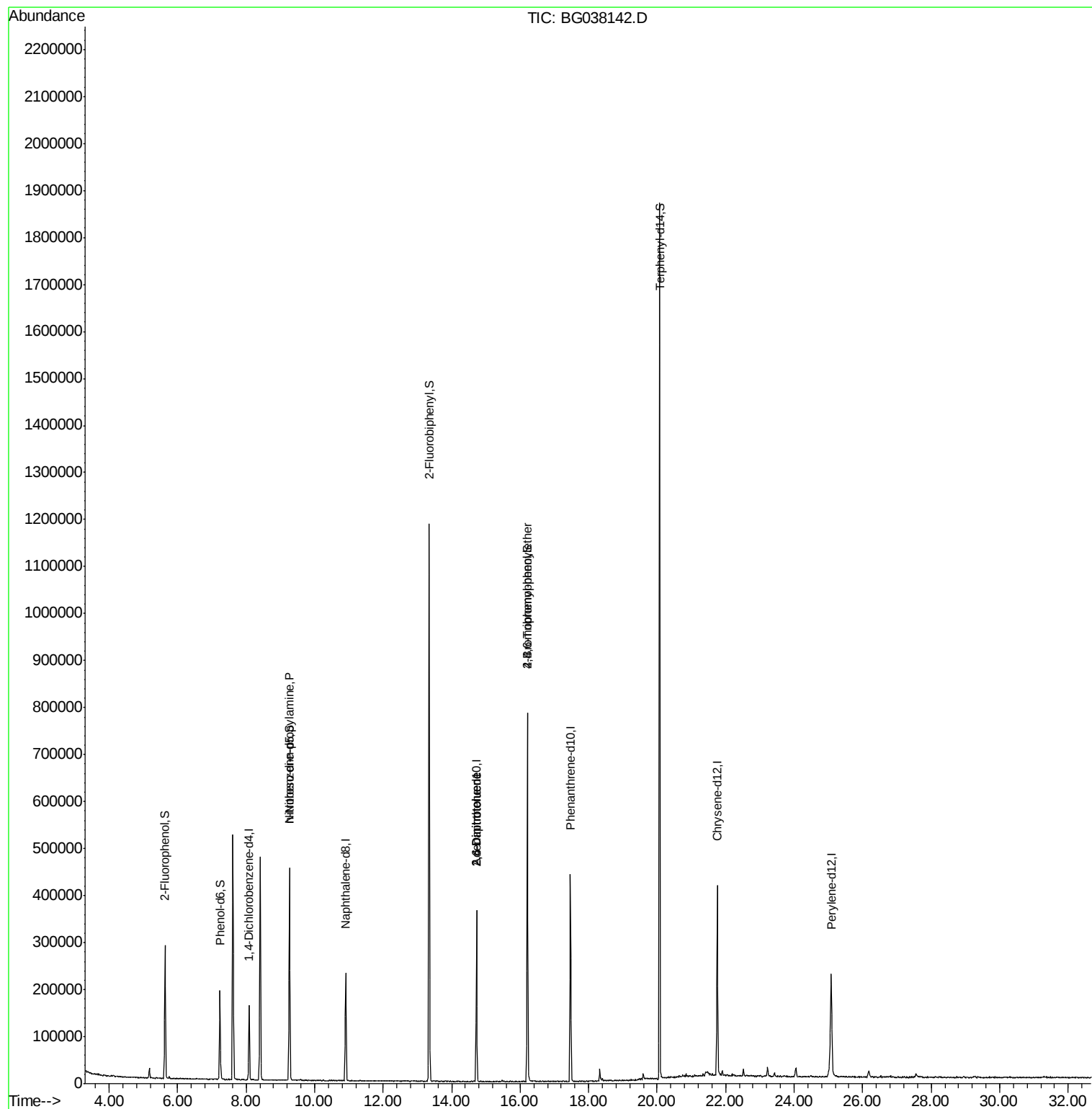
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46235	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	205234	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	127437	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	282035	20.00	ng	0.00
76) Chrysene-d12	21.75	240	261639	20.00	ng	0.00
87) Perylene-d12	25.08	264	259609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	129875	48.50	ng	0.00
7) Phenol-d6	7.23	99	115281	30.16	ng	0.00
23) Nitrobenzene-d5	9.27	82	283769	74.01	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	144280	99.27	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	622569	71.17	ng	0.00
79) Terphenyl-d14	20.07	244	882473	79.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	36154	13.071	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	15870	6.941	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15870	5.101	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	9936	3.210	ng	# 1

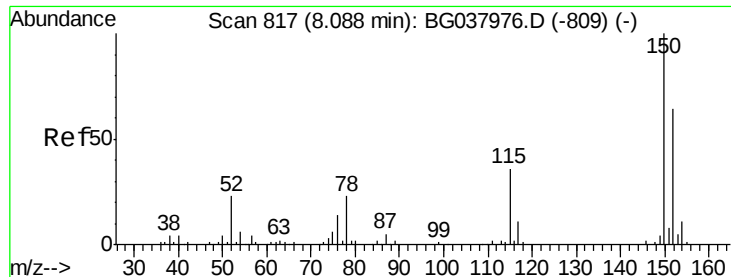
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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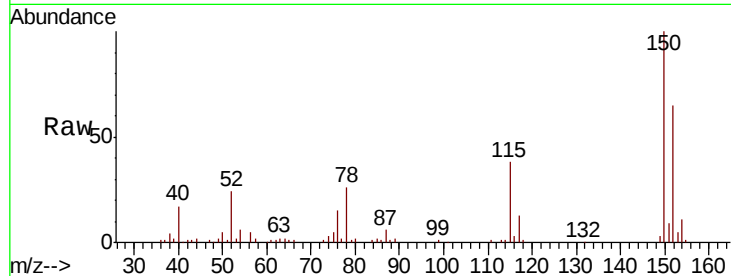


#1

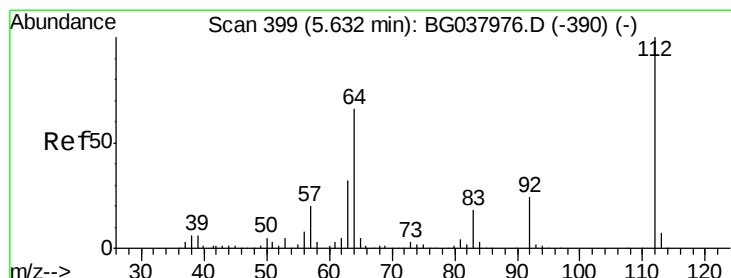
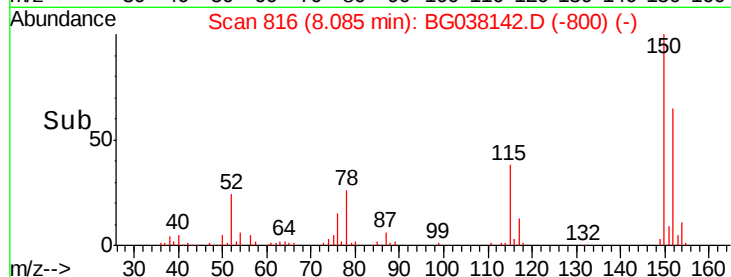
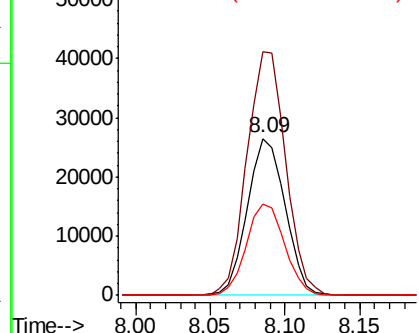
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Instrument :
BNA_G
ClientSampleId :
VTW-03

Tgt Ion:152 Resp: 46235
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 58.2 45.5 68.3



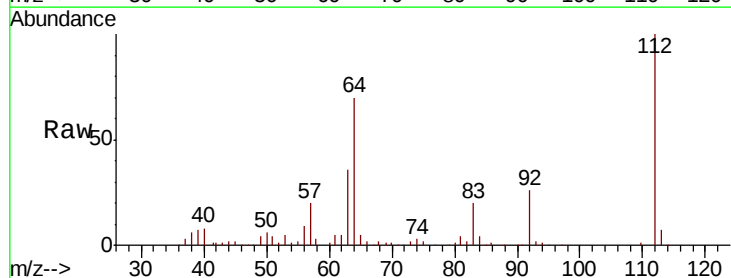
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



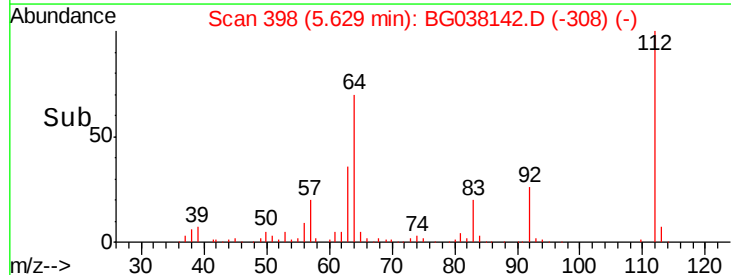
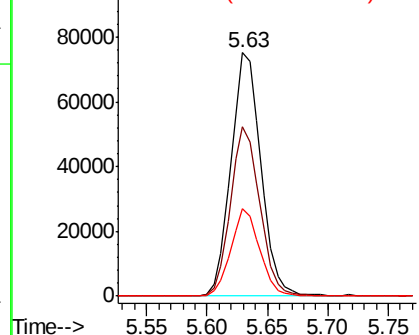
#5

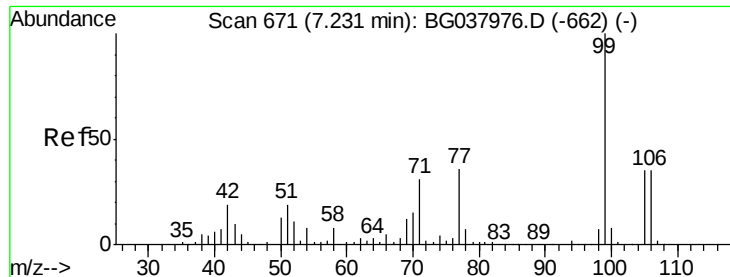
2-Fluorophenol
Concen: 48.500 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Tgt Ion:112 Resp: 129875
Ion Ratio Lower Upper
112 100
64 69.5 53.1 79.7
63 35.9 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: 30.159 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

Instrument :

BNA_G

ClientSampleId :

VTW-03

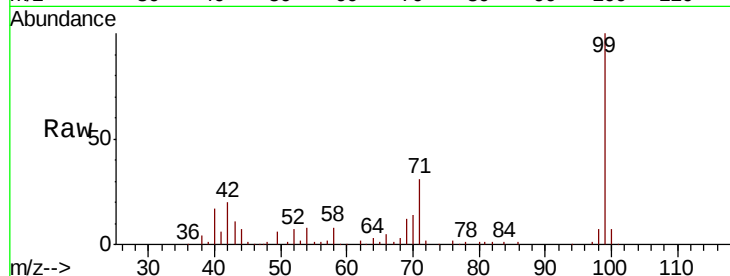
Tgt Ion: 99 Resp: 115281

Ion Ratio Lower Upper

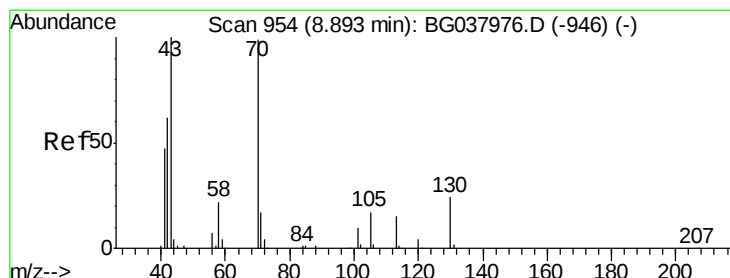
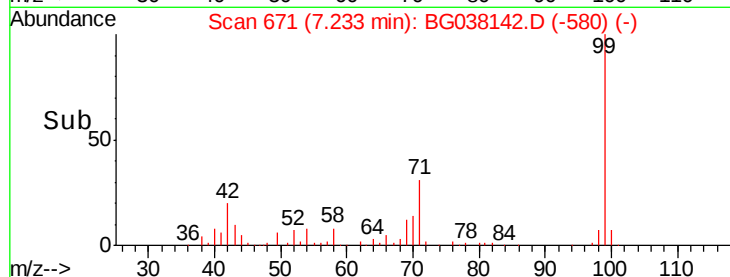
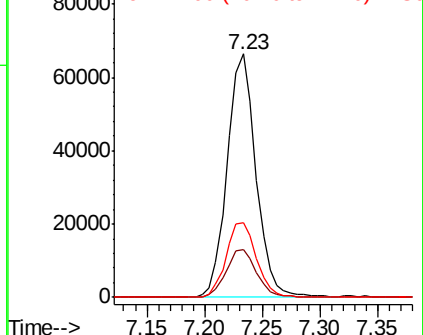
99 100

42 19.6 15.0 22.4

71 30.7 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: 13.071 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

Tgt Ion: 70 Resp: 36154

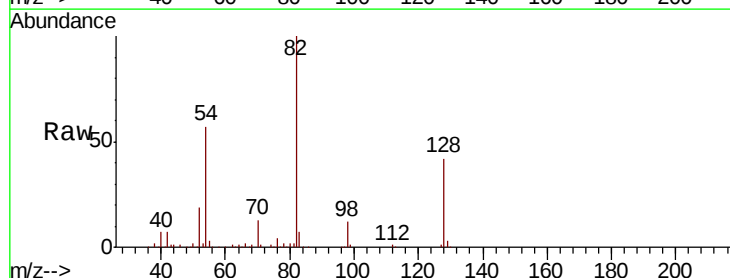
Ion Ratio Lower Upper

70 100

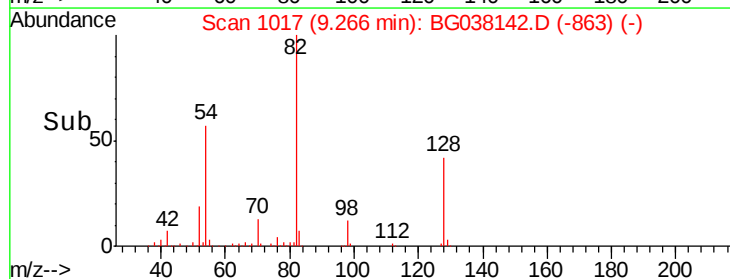
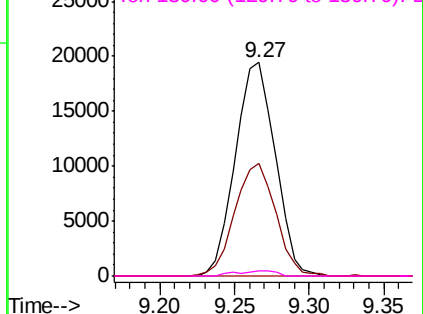
42 53.0 53.9 80.9#

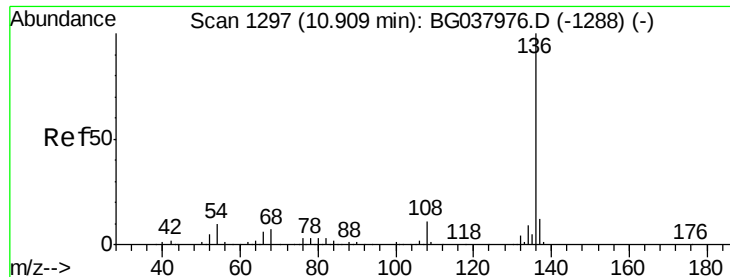
101 0.0 8.2 12.2#

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

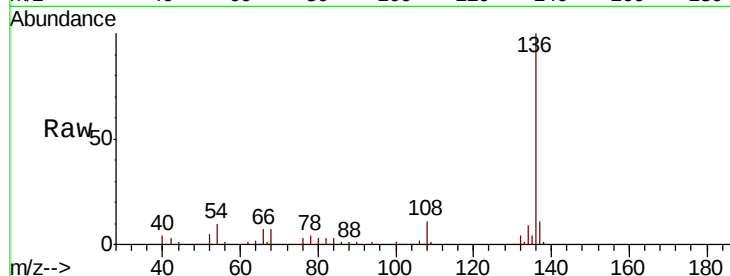




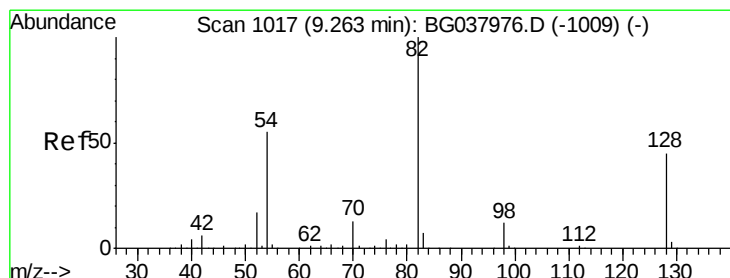
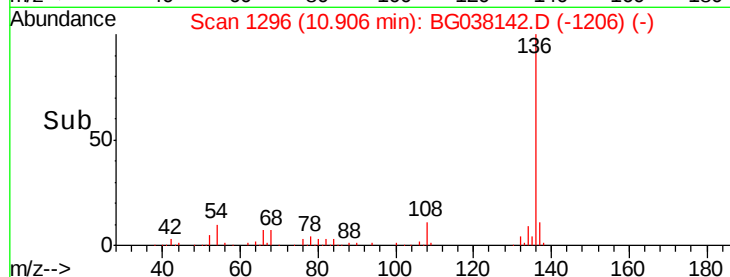
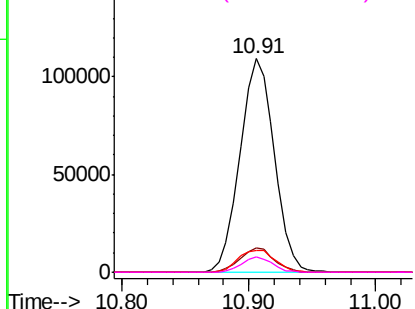
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Instrument :
BNA_G
ClientSampleId :
VTW-03

Tgt Ion:	136	Resp:	205234
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.5	7.9	11.9
68	7.0	4.8	7.2

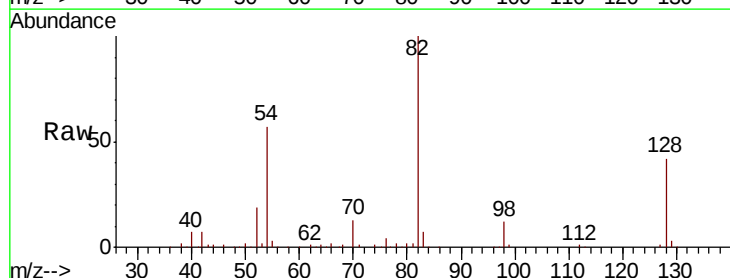


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

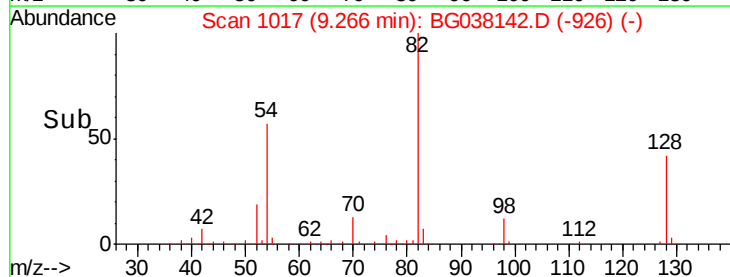
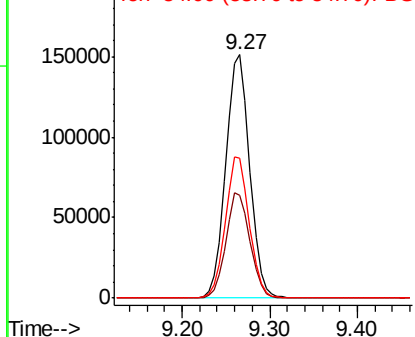


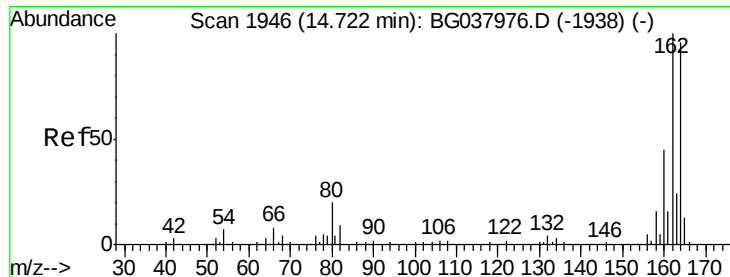
#23
Nitrobenzene-d5
Concen: 74.014 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038142.D
Acq: 26 Nov 2018 19:24

Tgt Ion:	82	Resp:	283769
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	51.8
54	57.3	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

Instrument :

BNA_G

ClientSampleId :

VTW-03

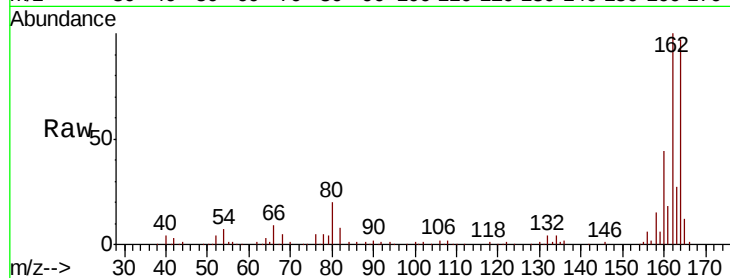
Tgt Ion:164 Resp: 127437

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

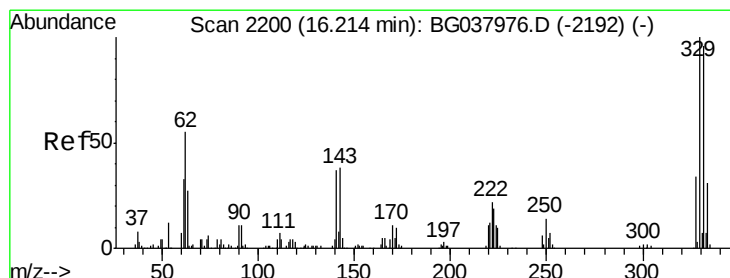
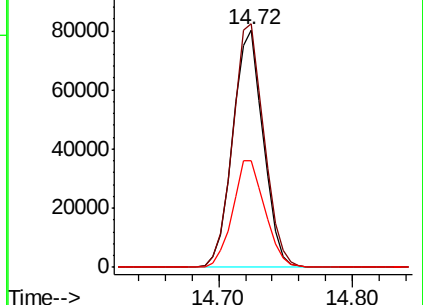
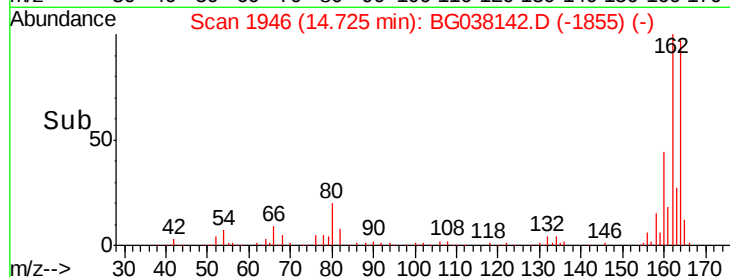
160 44.8 36.3 54.5



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: 99.271 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

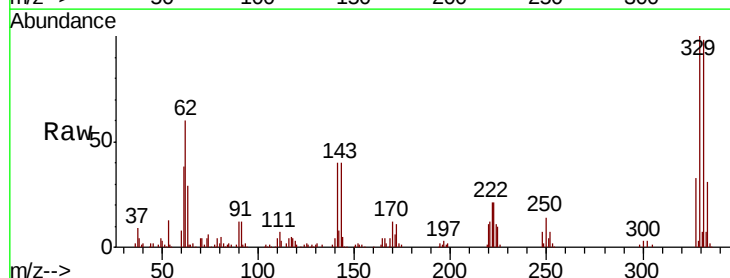
Tgt Ion:330 Resp: 144280

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

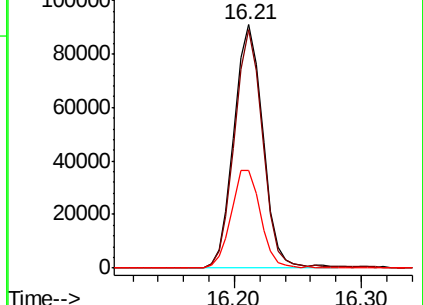
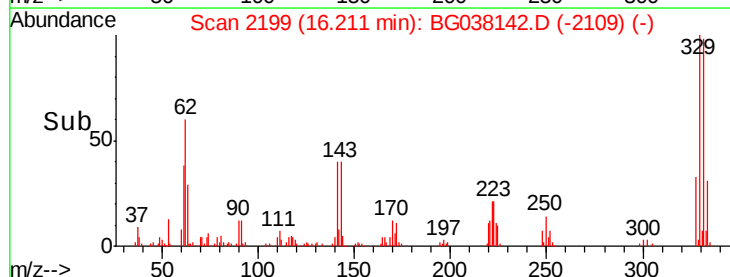
141 41.4 32.2 48.2

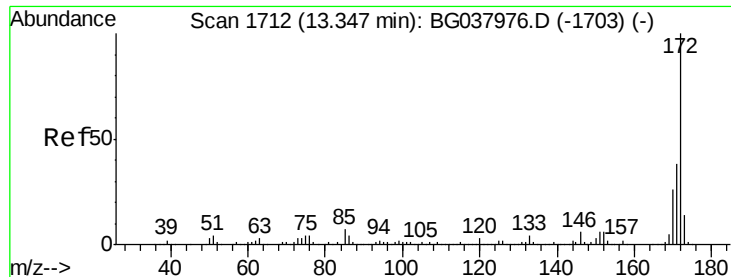


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

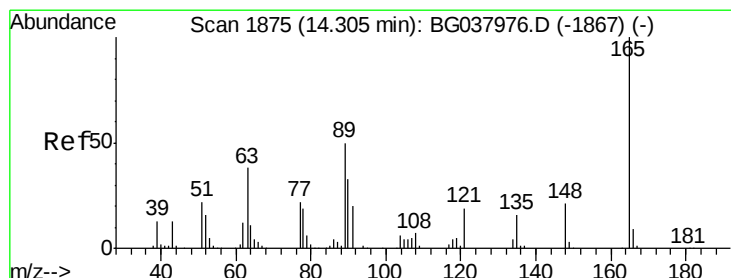
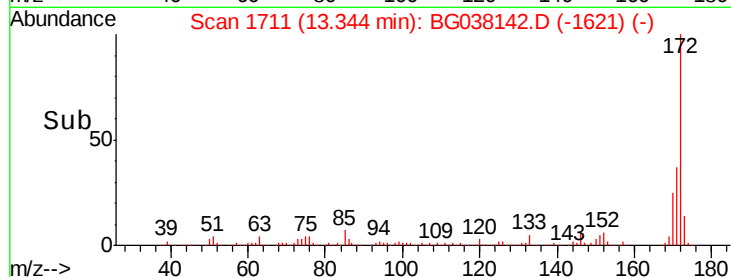
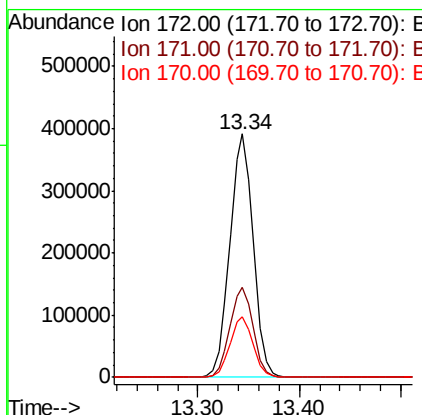
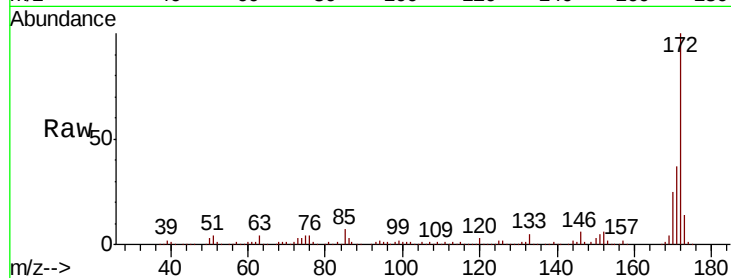




#45
 2-Fluorobiphenyl
 Concen: 71.172 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

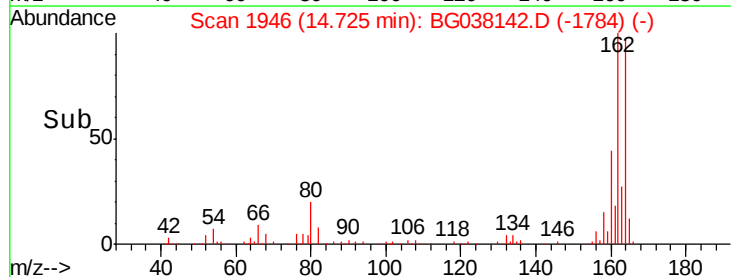
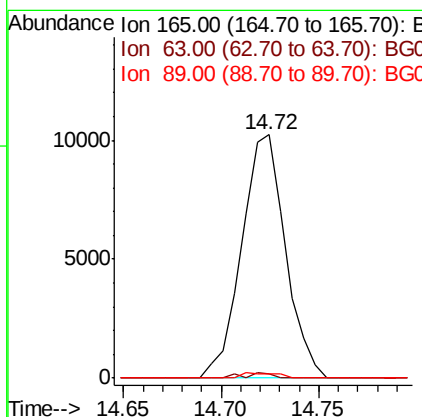
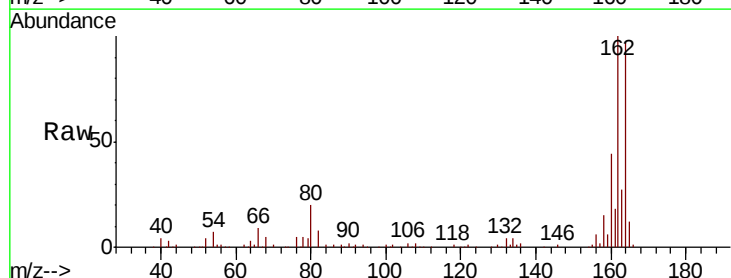
Instrument :
 BNA_G
 ClientSampled :
 VTW-03

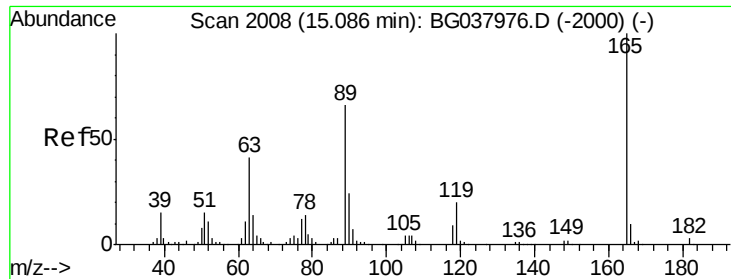
Tgt Ion:172 Resp: 622569
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.0 46.4
 170 25.0 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.941 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

Tgt Ion:165 Resp: 15870
 Ion Ratio Lower Upper
 165 100
 63 1.7 43.4 65.2#
 89 2.0 45.8 68.6#

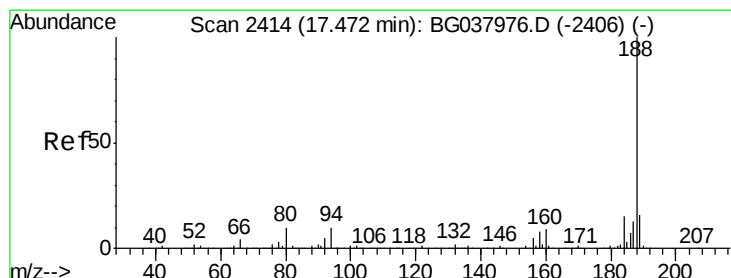
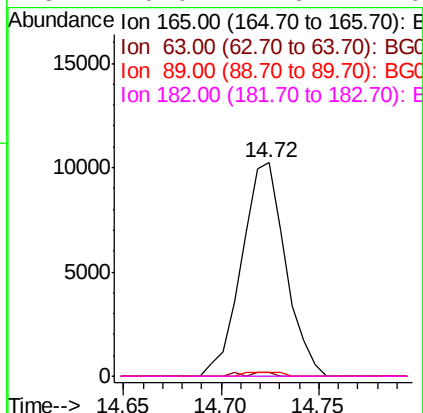
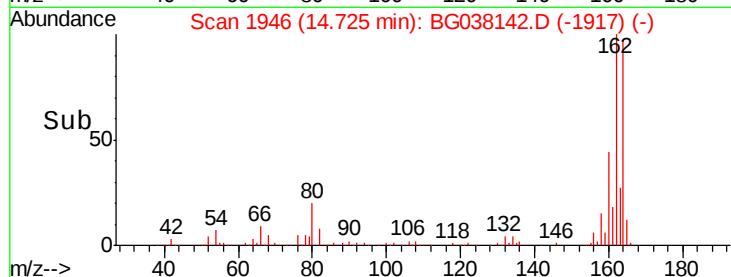
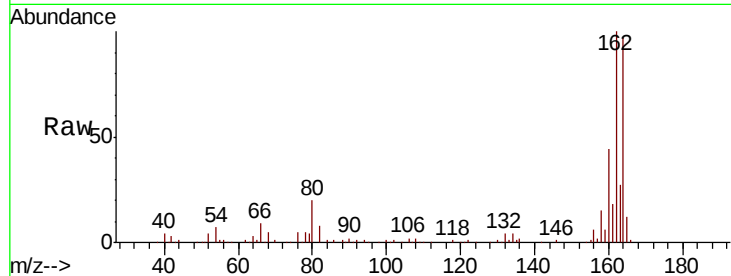




#57
 2,4-Dinitrotoluene
 Concen: 5.101 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

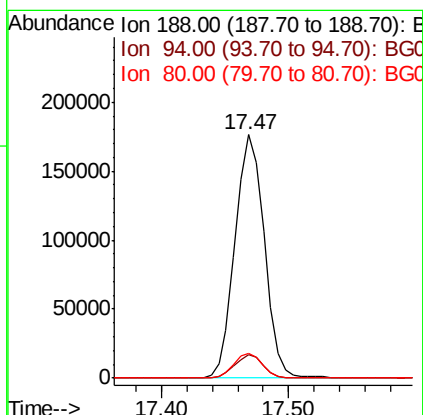
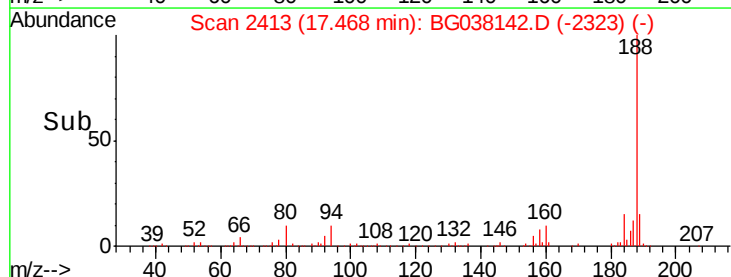
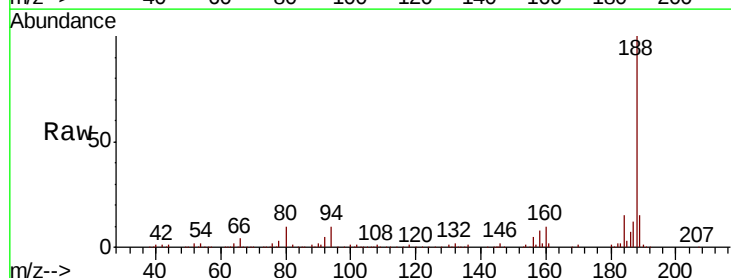
Instrument :
 BNA_G
 ClientSampleId :
 VTW-03

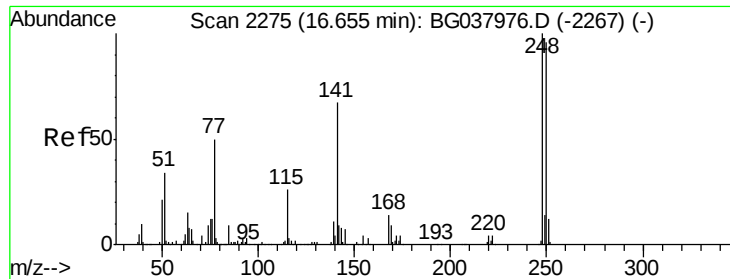
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	2.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.0	7.7	11.5

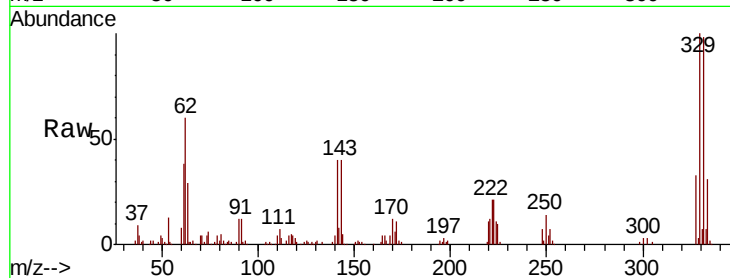




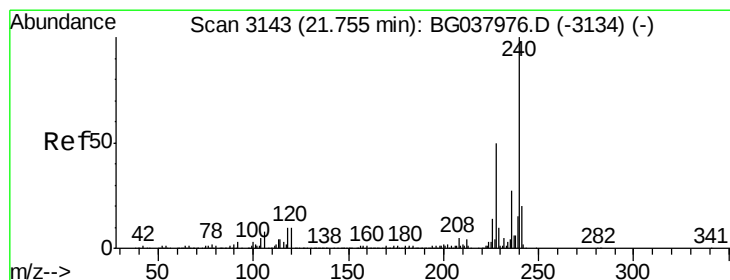
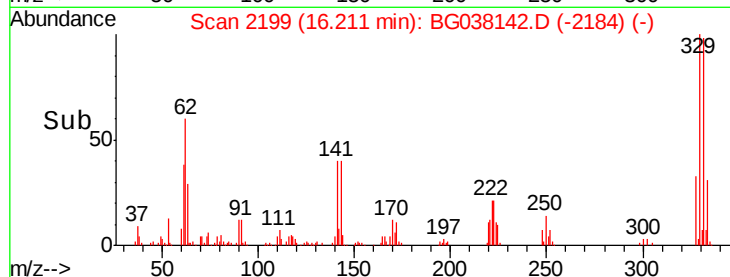
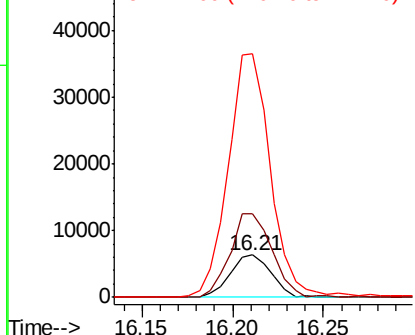
#67
 4-Bromophenyl-phenylether
 Concen: 3.210 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

Instrument :
 BNA_G
 ClientSampleId :
 VTW-03

Tgt Ion:248 Resp: 9936
 Ion Ratio Lower Upper
 248 100
 250 189.4 77.0 115.6#
 141 431.6 55.5 83.3#

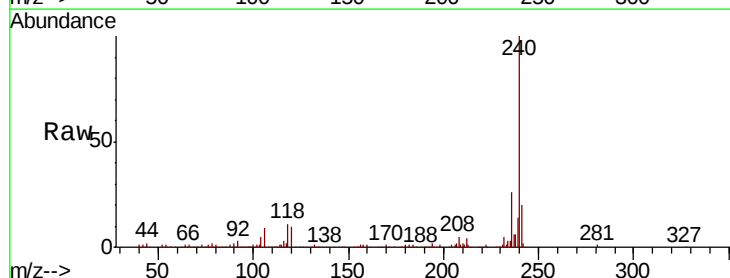


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

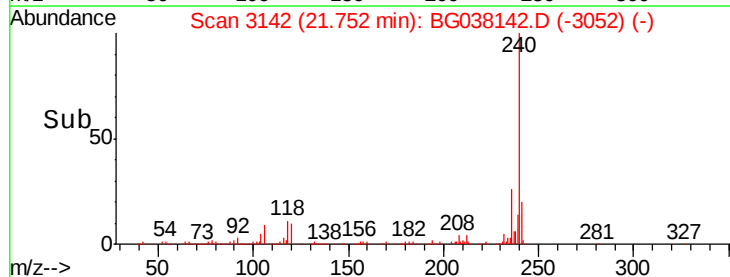
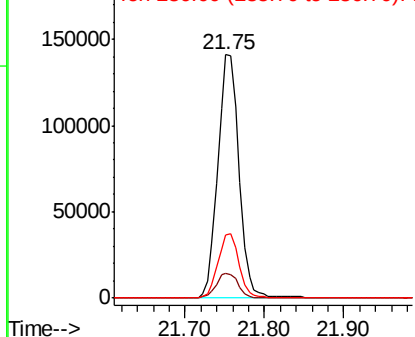


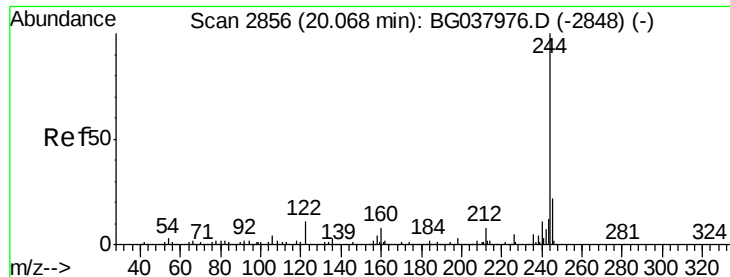
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038142.D
 Acq: 26 Nov 2018 19:24

Tgt Ion:240 Resp: 261639
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.1 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: 79.364 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

Instrument :

BNA_G

ClientSampleId :

VTW-03

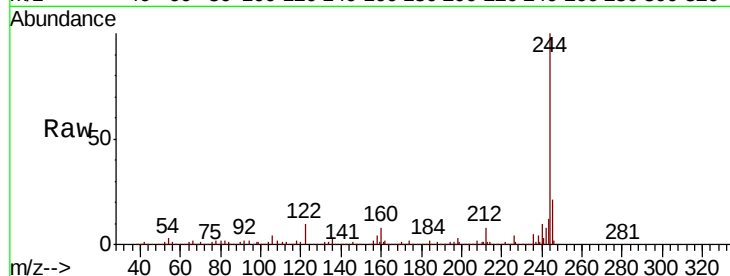
Tgt Ion:244 Resp: 882473

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

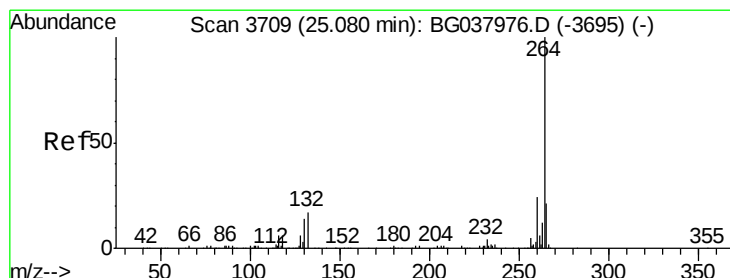
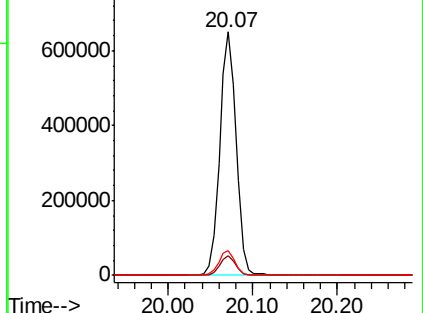
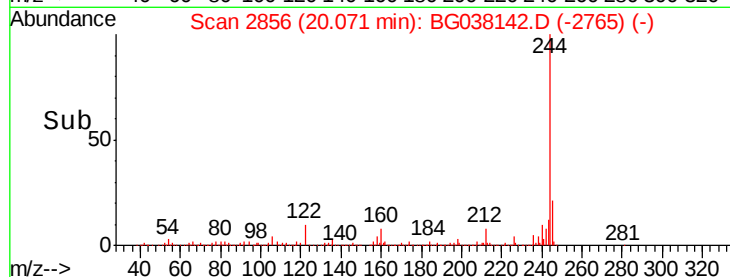
122 10.2 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038142.D

Acq: 26 Nov 2018 19:24

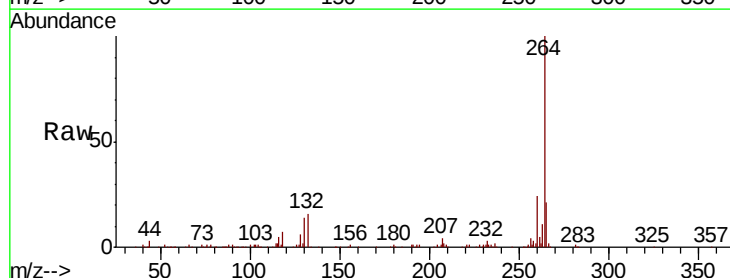
Tgt Ion:264 Resp: 259609

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 20.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

