

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
 Data File : BG038147.D
 Acq On : 26 Nov 2018 22:42
 Operator : JU/SJ
 Sample : J6032-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-DUP

Quant Time: Nov 27 06:55:33 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

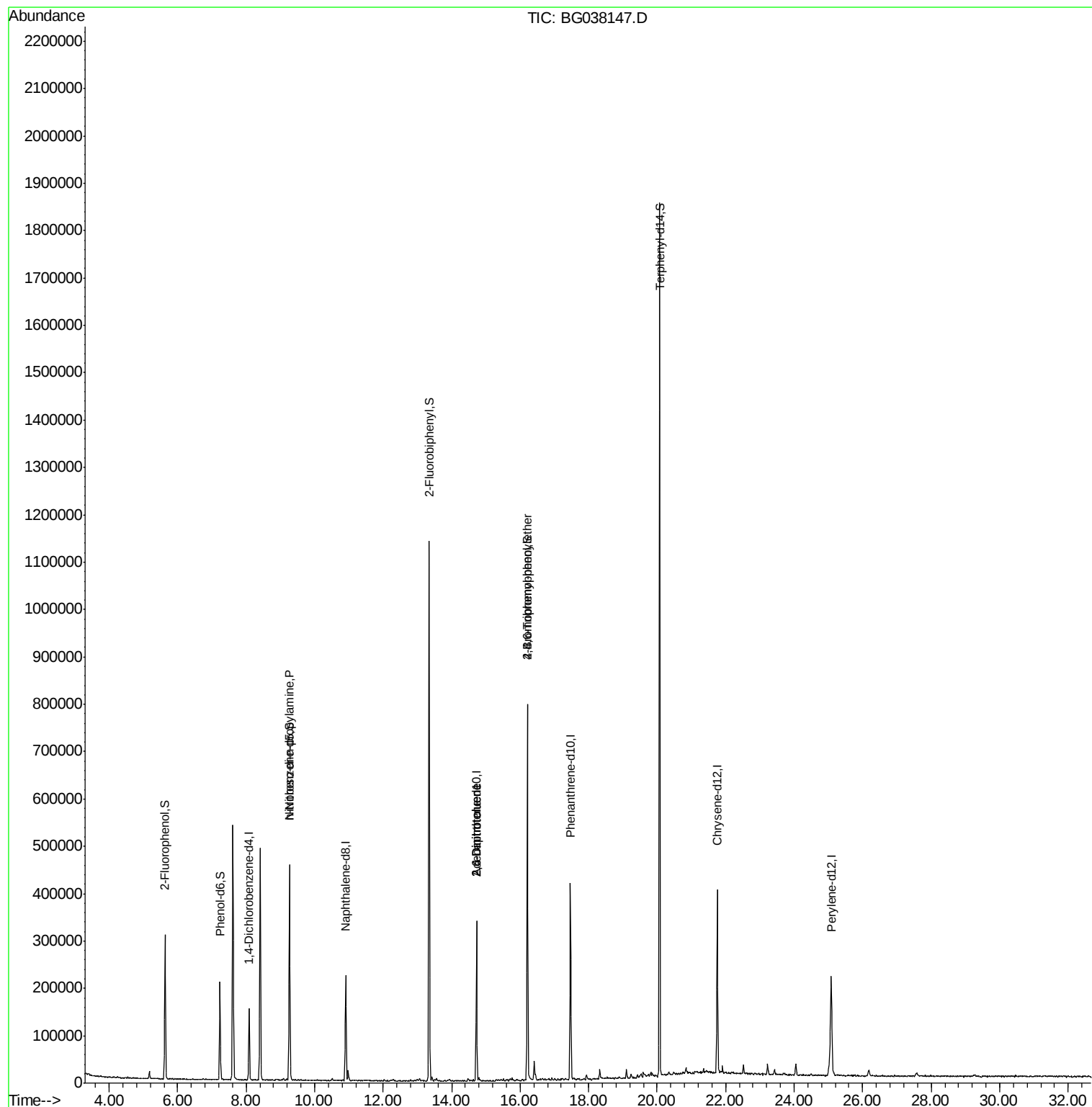
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44494	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	195357	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120869	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	262216	20.00	ng	0.00
76) Chrysene-d12	21.75	240	241825	20.00	ng	0.00
87) Perylene-d12	25.08	264	250896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	142247	55.20	ng	0.00
7) Phenol-d6	7.23	99	128078	34.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	278213	76.23	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	143050	103.77	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	611538	73.71	ng	0.00
79) Terphenyl-d14	20.07	244	867747	84.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	36535	13.726	ng	Qvalue # 73
51) 2,6-Dinitrotoluene	14.72	165	14966	6.901	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	14966	5.072	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	10072	3.500	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112618\
Data File : BG038147.D
Acq On : 26 Nov 2018 22:42
Operator : JU/SJ
Sample : J6032-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MMTW-DUP

Quant Time: Nov 27 06:55:33 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



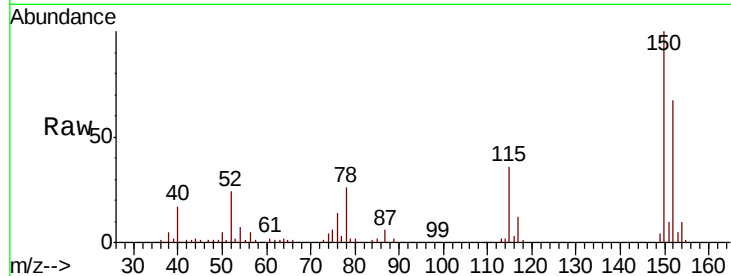


#1

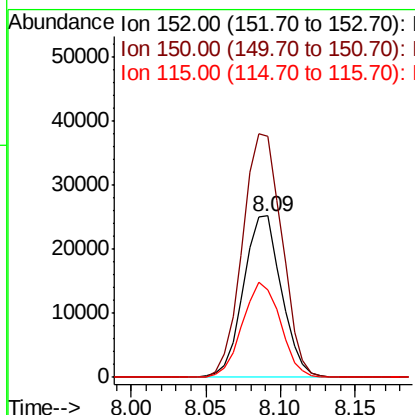
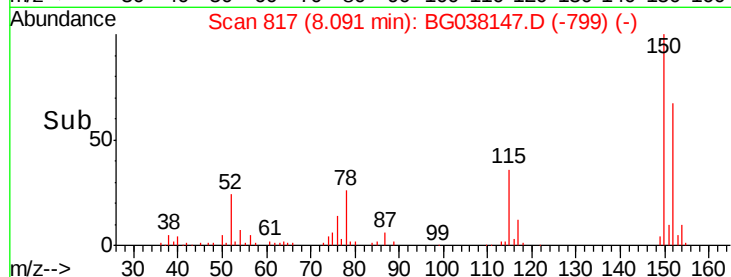
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-DUP

Tgt Ion:152 Resp: 44494
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.0 189.0
 115 54.2 45.5 68.3



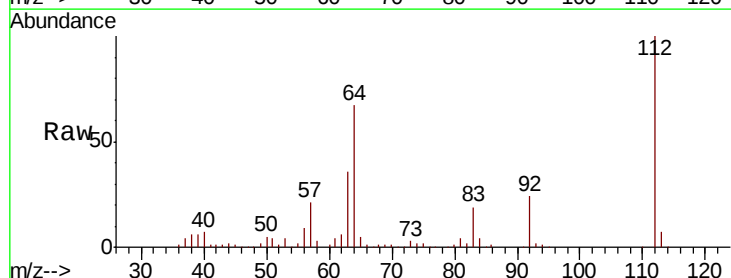
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



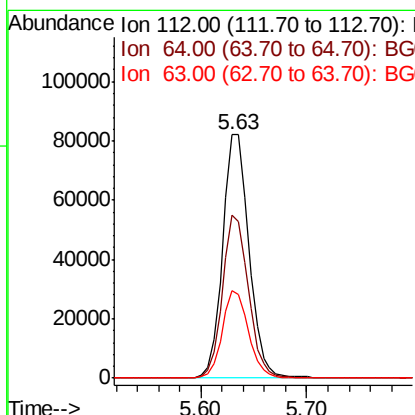
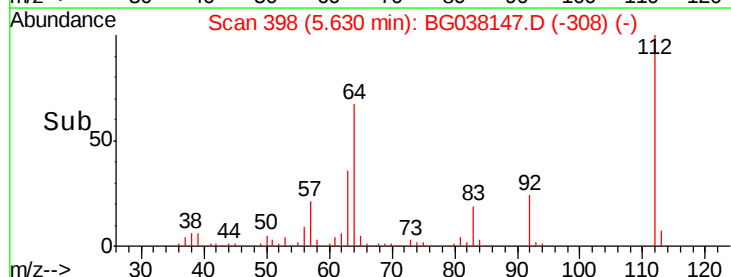
#5

2-Fluorophenol
 Concen: 55.198 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.00 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Tgt Ion:112 Resp: 142247
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.1 79.7
 63 35.7 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: 34.818 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

Instrument :

BNA_G

ClientSampleId :

MMTW-DUP

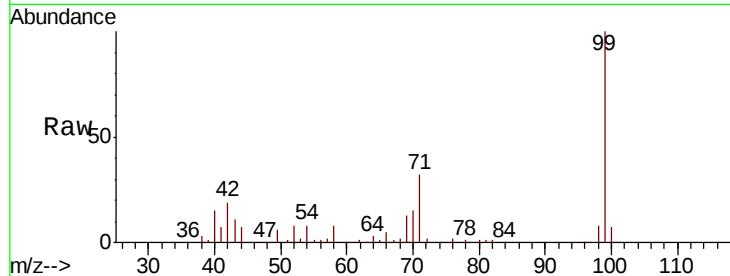
Tgt Ion: 99 Resp: 128078

Ion Ratio Lower Upper

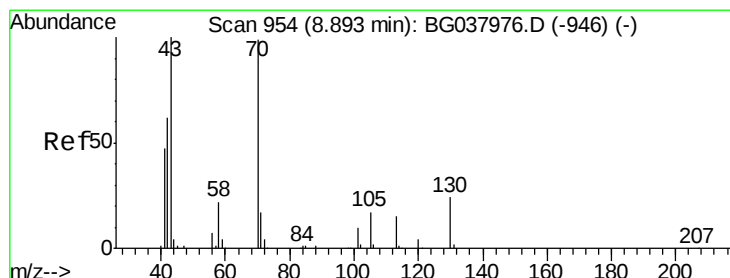
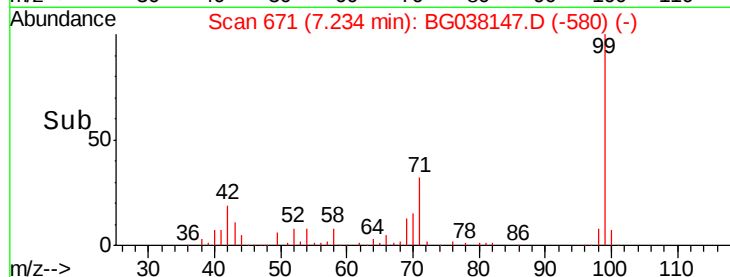
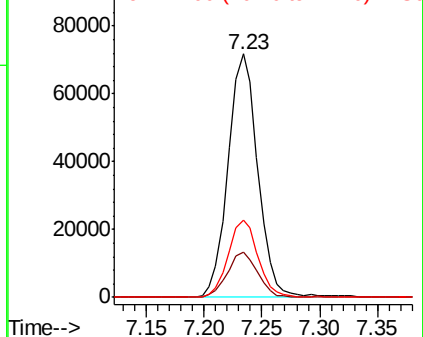
99 100

42 18.8 15.0 22.4

71 31.6 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: 13.726 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

Tgt Ion: 70 Resp: 36535

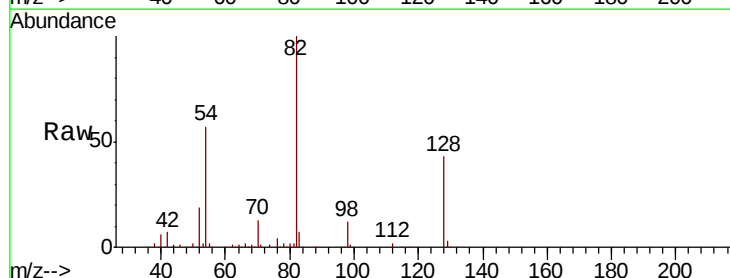
Ion Ratio Lower Upper

70 100

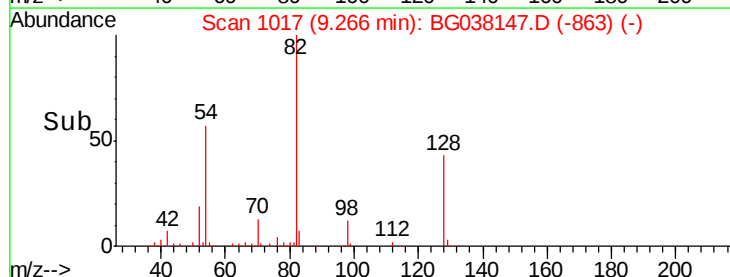
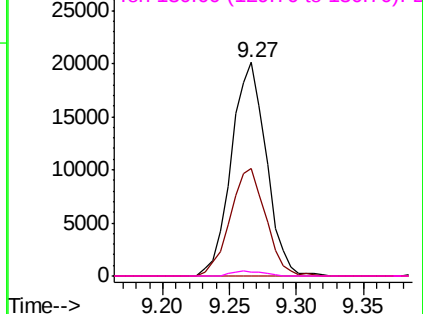
42 50.5 53.9 80.9#

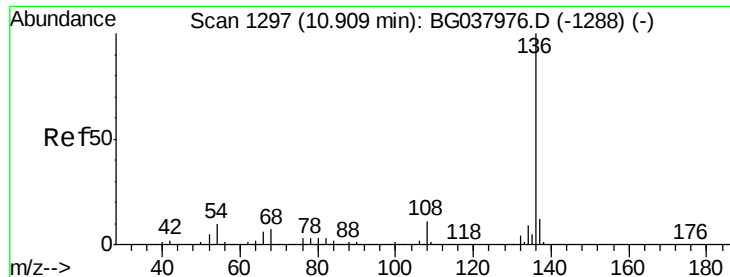
101 0.0 8.2 12.2#

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

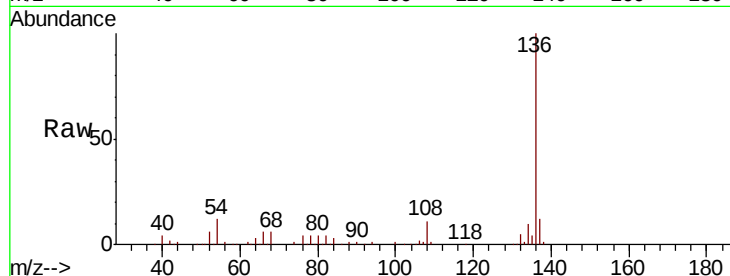




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038147.D
Acq: 26 Nov 2018 22:42

Instrument :
BNA_G
ClientSampleId :
MMTW-DUP

Tgt Ion:	136	Resp:	195357
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	12.1	7.9	11.9#
68	6.1	4.8	7.2



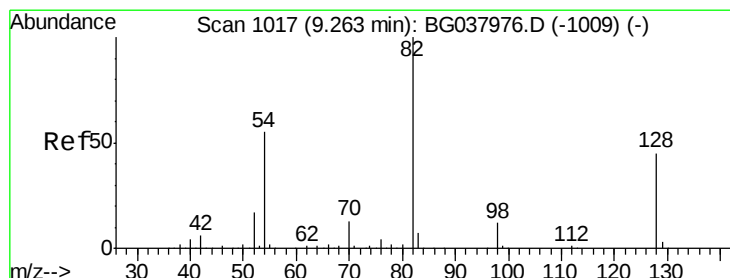
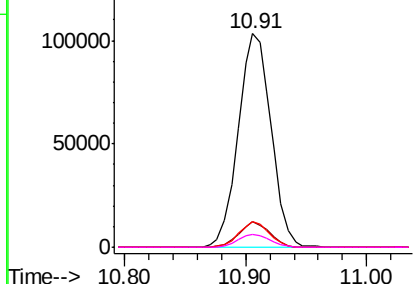
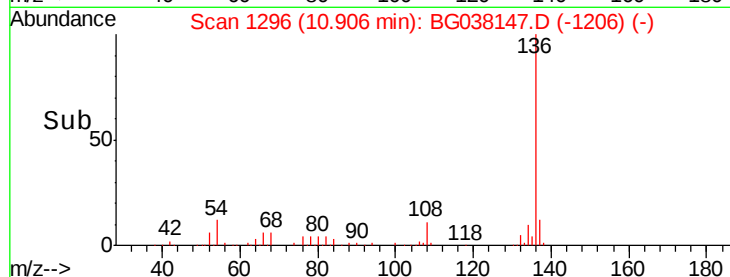
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

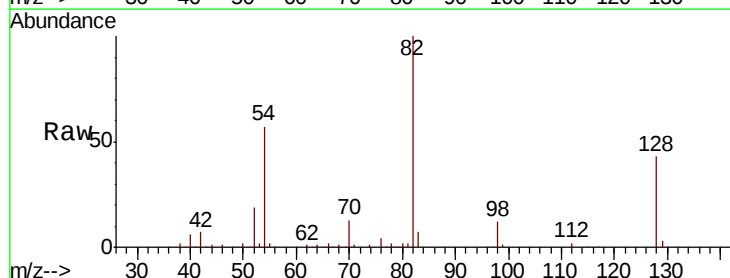
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 76.234 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038147.D
Acq: 26 Nov 2018 22:42

Tgt Ion:	82	Resp:	278213
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	56.9	45.3	67.9

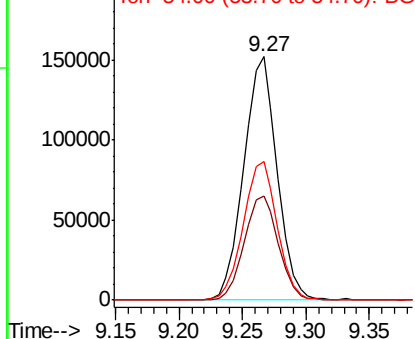
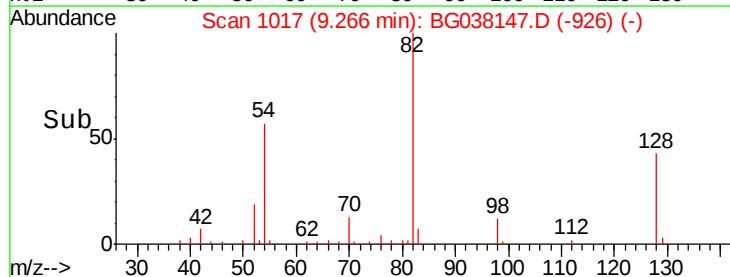


Abundance

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

Instrument :

BNA_G

ClientSampleId :

MMTW-DUP

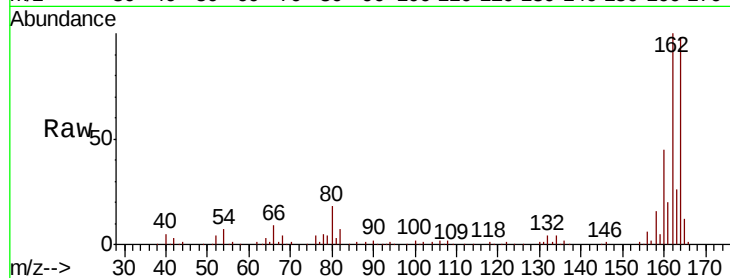
Tgt Ion:164 Resp: 120869

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

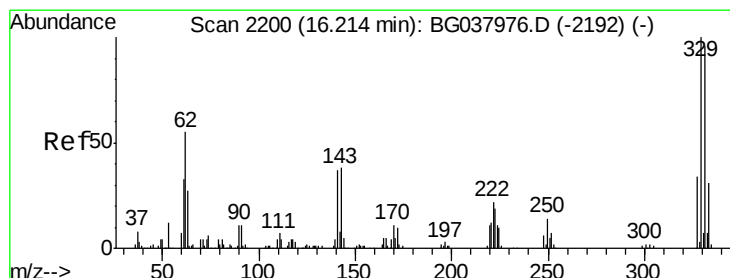
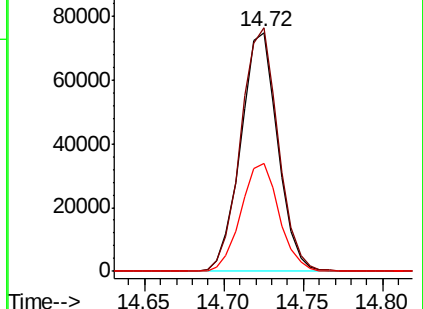
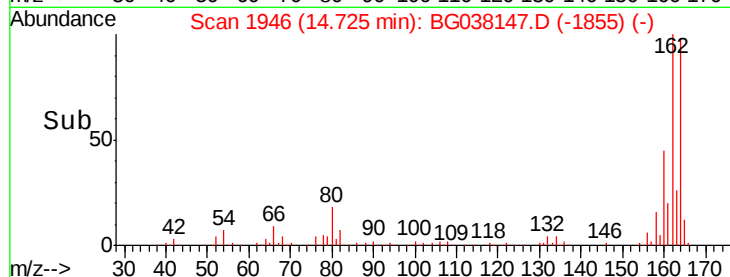
160 45.5 36.3 54.5



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: 103.774 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

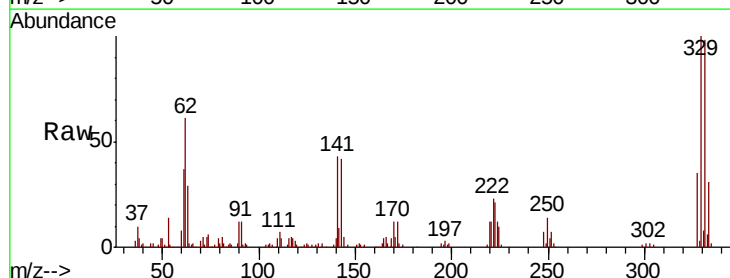
Tgt Ion:330 Resp: 143050

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

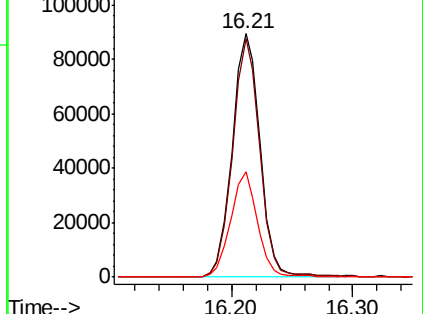
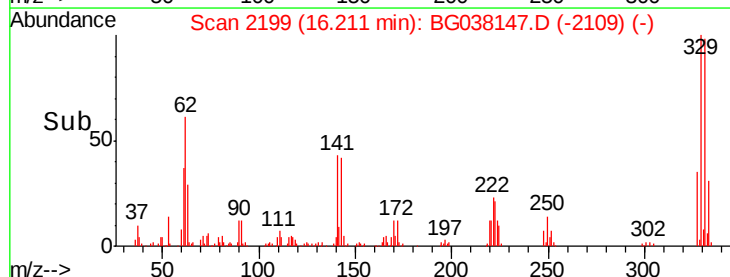
141 41.9 32.2 48.2



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

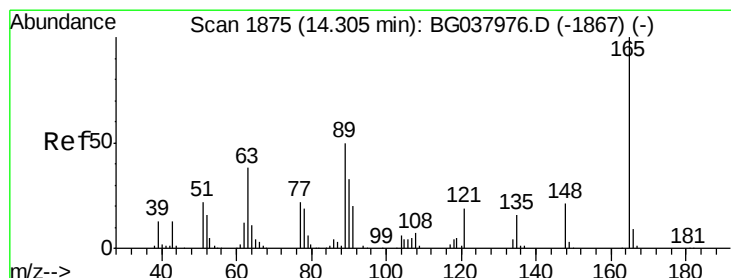
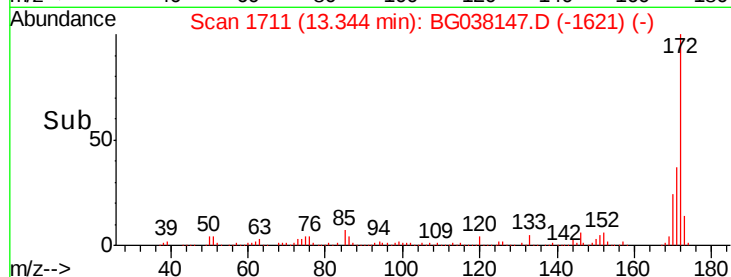
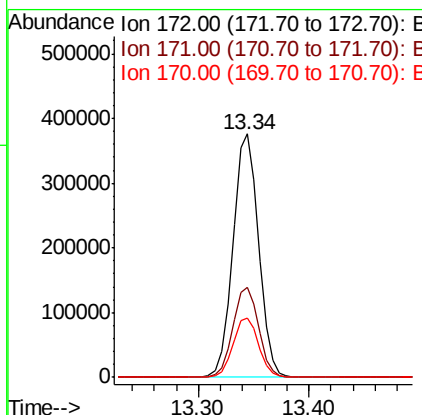
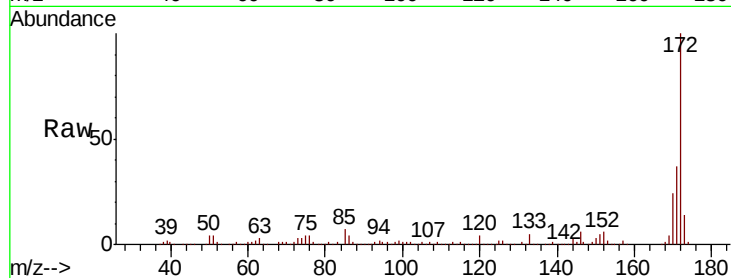




#45
 2-Fluorobiphenyl
 Concen: 73.710 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

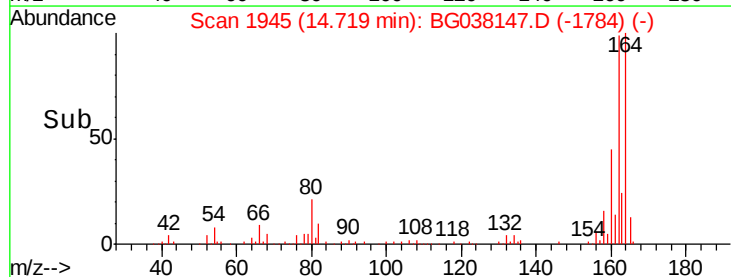
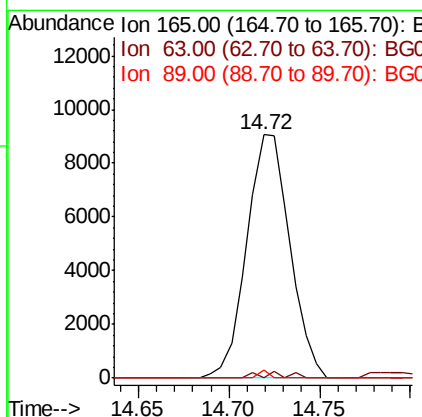
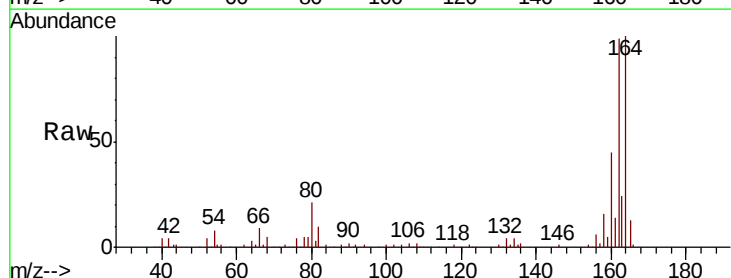
Instrument :
 BNA_G
 ClientSampleId :
 MMTW-DUP

Tgt Ion:172 Resp: 611538
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.0 46.4
 170 24.4 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.901 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Tgt Ion:165 Resp: 14966
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 3.1 45.8 68.6#

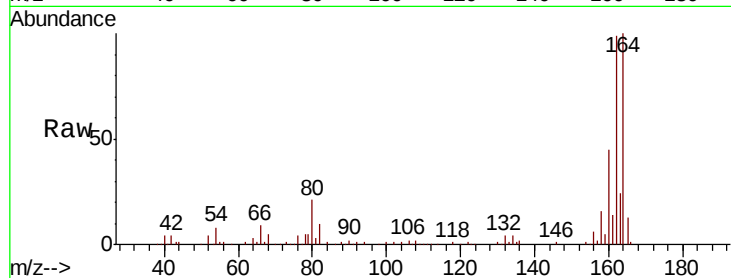




#57
 2,4-Dinitrotoluene
 Concen: 5.072 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-DUP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	3.1	57.2	85.8#
182	0.0	2.6	4.0#

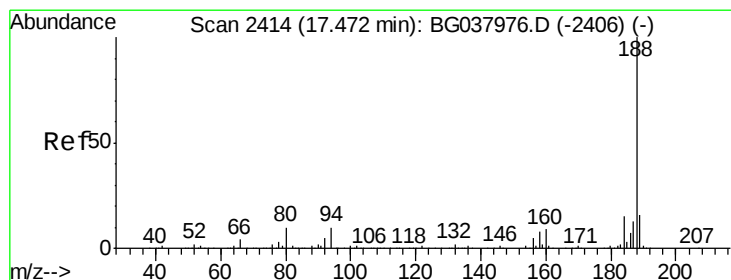
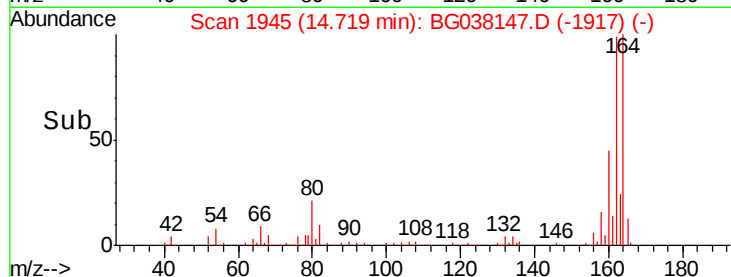
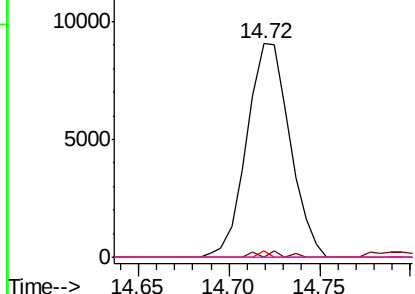


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

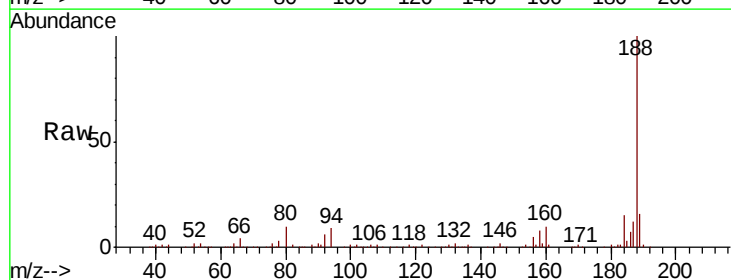
Ion 89.00 (88.70 to 89.70): BGC

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: BG038147.D
 Acq: 26 Nov 2018 22:42

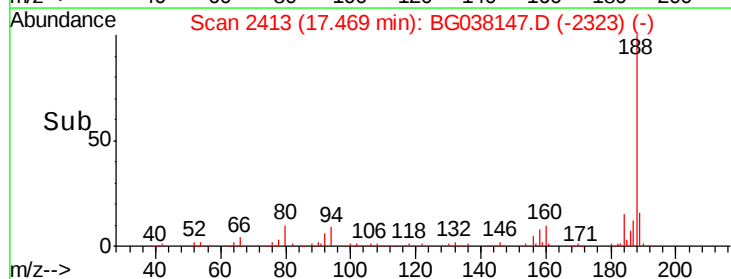
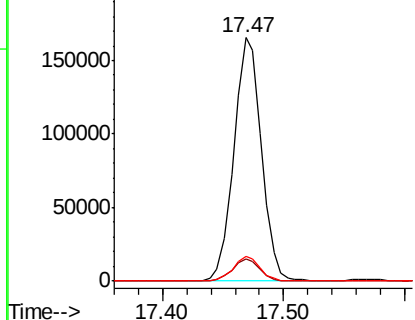
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.3	7.7	11.5



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

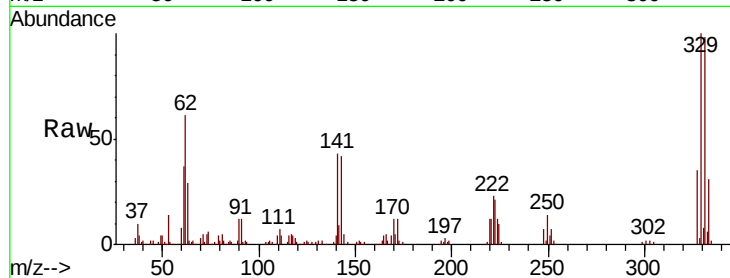




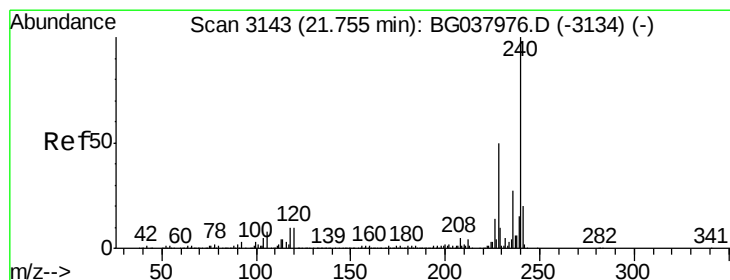
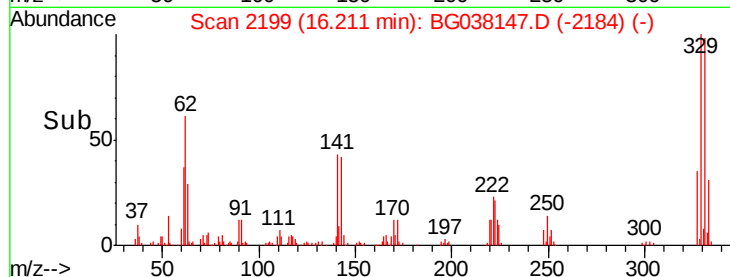
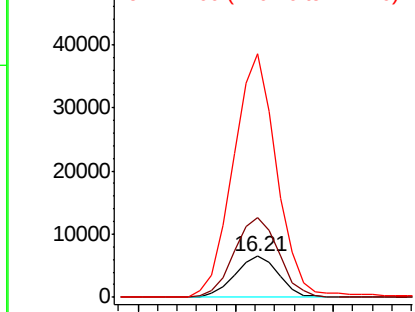
#67
 4-Bromophenyl-phenylether
 Concen: 3.500 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 MMTW-DUP

Tgt Ion:248 Resp: 10072
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.0 115.6#
 141 458.3 55.5 83.3#

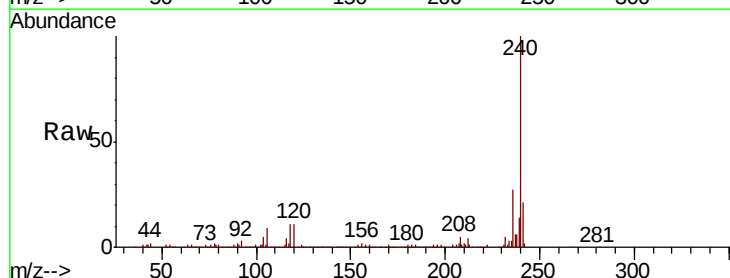


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

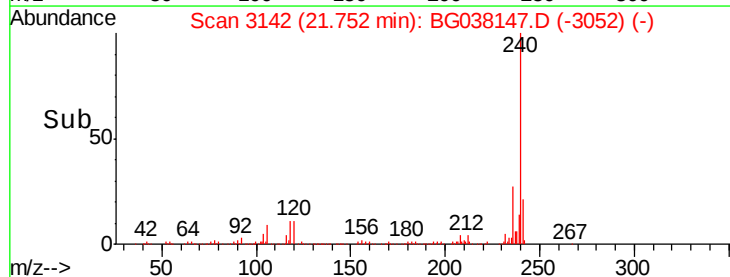
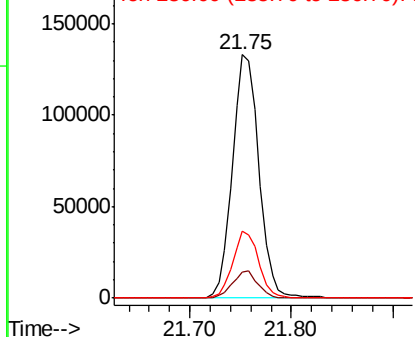


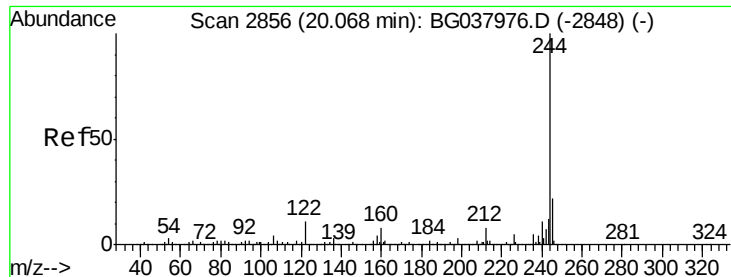
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038147.D
 Acq: 26 Nov 2018 22:42

Tgt Ion:240 Resp: 241825
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 27.3 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





#79

Terphenyl-d14

Concen: 84.434 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

Instrument :

BNA_G

ClientSampleId :

MMTW-DUP

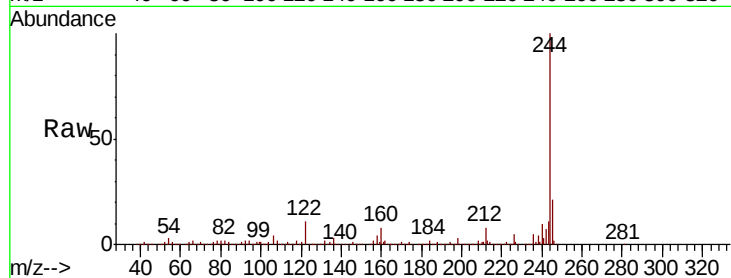
Tgt Ion:244 Resp: 867747

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

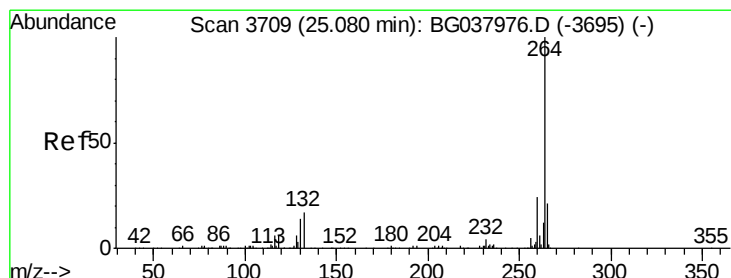
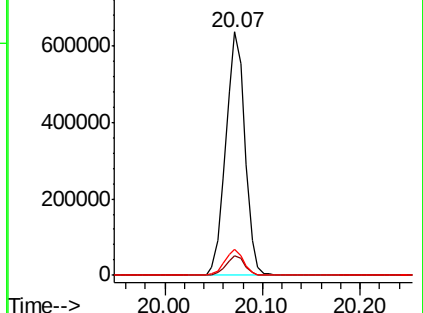
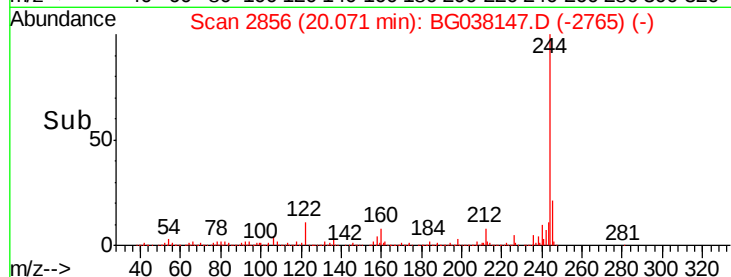
122 10.7 9.0 13.4



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# 3709

Delta R.T. 0.00 min

Lab File: BG038147.D

Acq: 26 Nov 2018 22:42

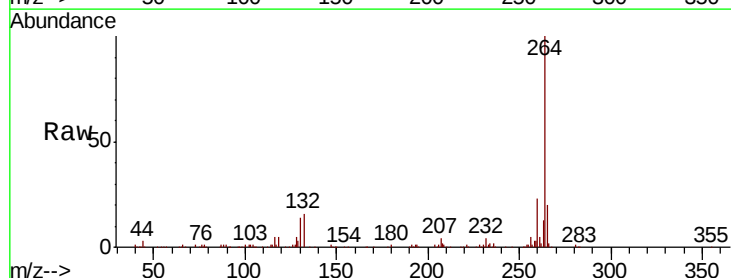
Tgt Ion:264 Resp: 250896

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 20.4 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

