

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111418\
 Data File : BG038004.D
 Acq On : 14 Nov 2018 19:38
 Operator : JU/SJ
 Sample : J5929-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 207-WEST-TRENCH

Quant Time: Nov 15 00:49:02 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

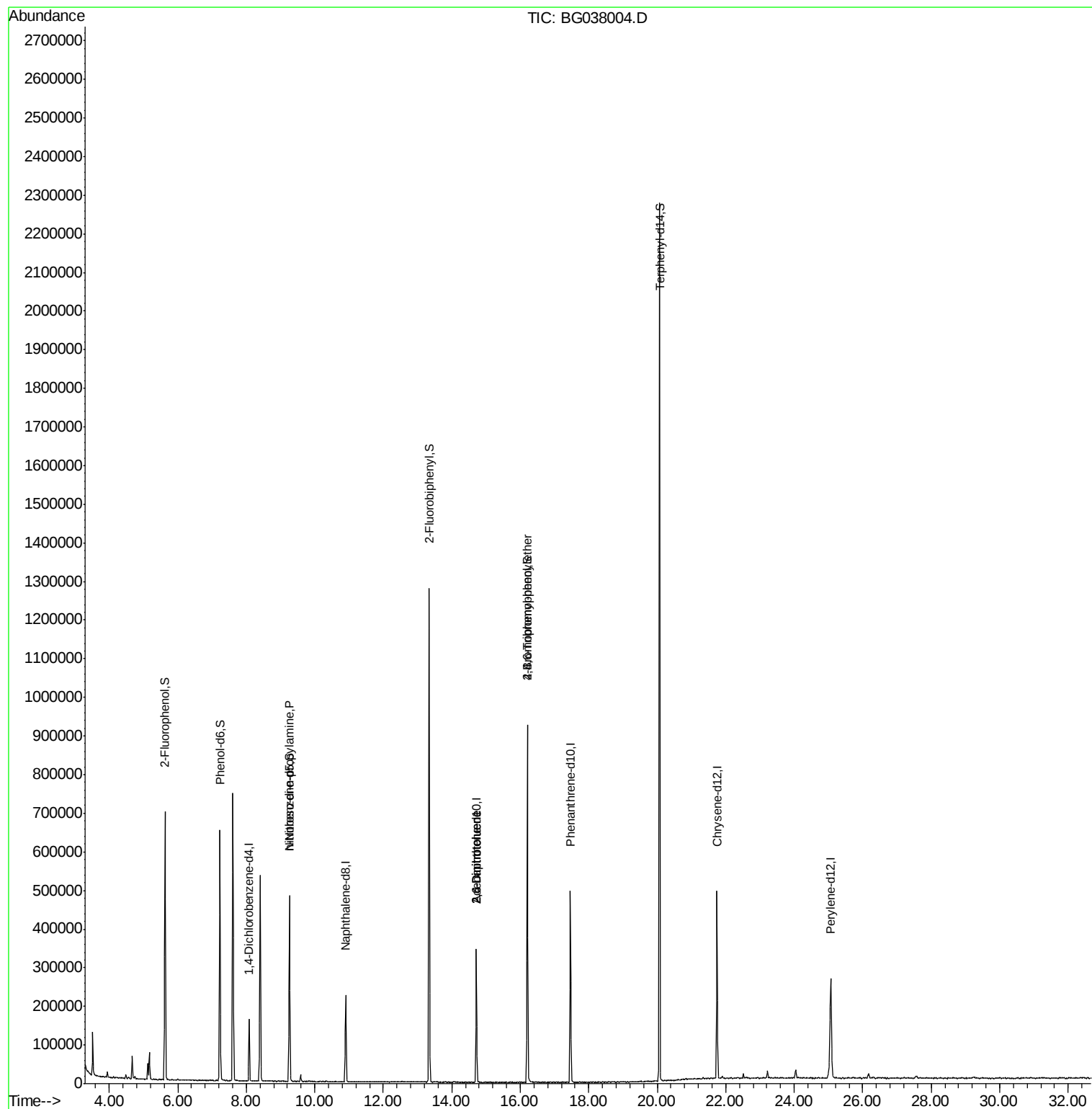
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	47785	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	199343	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	127499	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	306729	20.00	ng	0.00
76) Chrysene-d12	21.74	240	290237	20.00	ng	-0.01
87) Perylene-d12	25.07	264	297309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	320304	115.73	ng	0.00
7) Phenol-d6	7.23	99	406315	102.85	ng	0.00
23) Nitrobenzene-d5	9.26	82	307148	82.48	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	171986	118.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	678009	77.47	ng	0.00
79) Terphenyl-d14	20.07	244	1106683	89.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	38343	13.413	ng	# 70
51) 2,6-Dinitrotoluene	14.72	165	16451	7.191	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	16451	5.285	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	12543	3.726	ng	# 1

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

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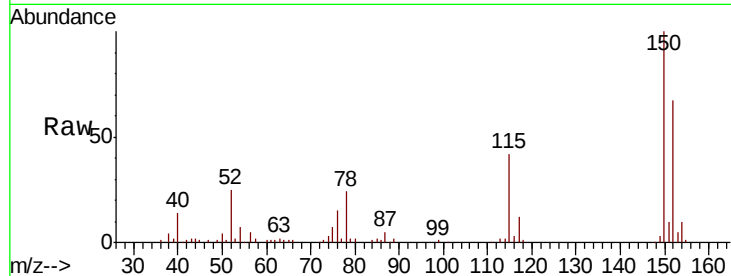


#1

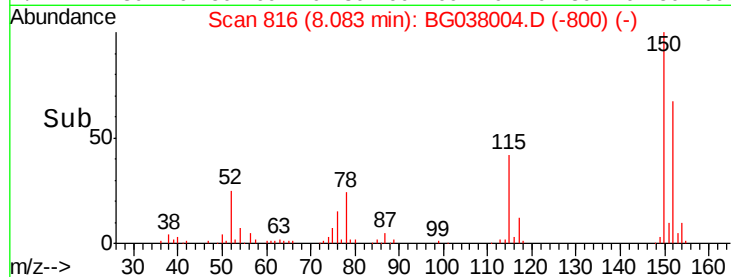
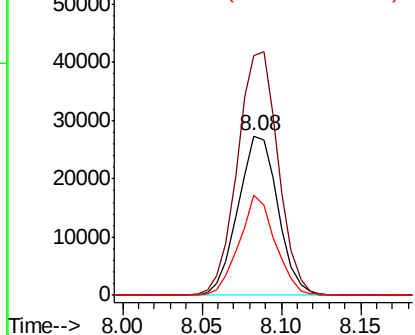
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038004.D
Acq: 14 Nov 2018 19:38

Instrument :
BNA_G
ClientSampleId :
207-WEST-TRENCH

Tgt Ion:152 Resp: 47785
Ion Ratio Lower Upper
152 100
150 150.0 126.0 189.0
115 62.8 45.5 68.3



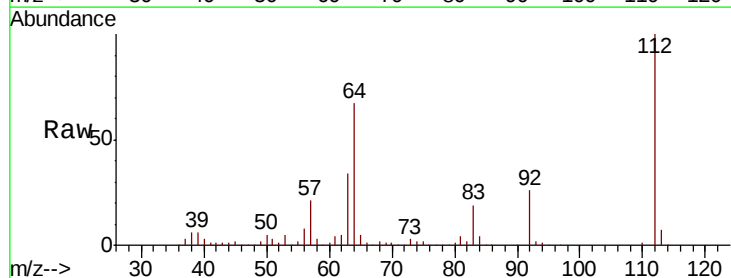
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



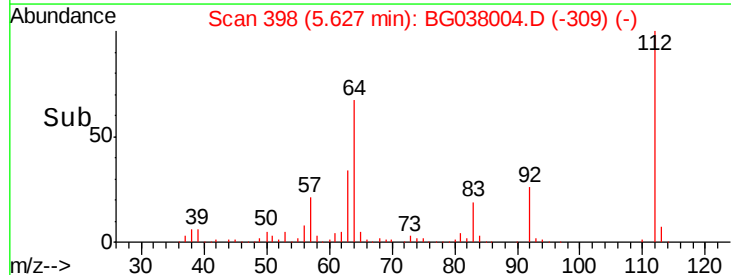
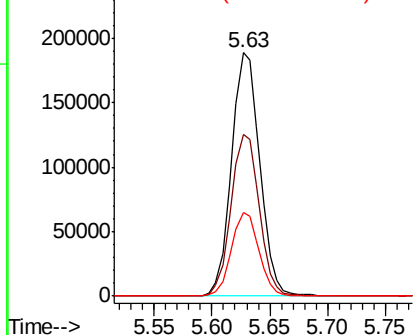
#5

2-Fluorophenol
Concen: 115.732 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038004.D
Acq: 14 Nov 2018 19:38

Tgt Ion:112 Resp: 320304
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 34.2 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: 102.848 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038004.D

Acq: 14 Nov 2018 19:38

Instrument :

BNA_G

ClientSampleId :

207-WEST-TRENCH

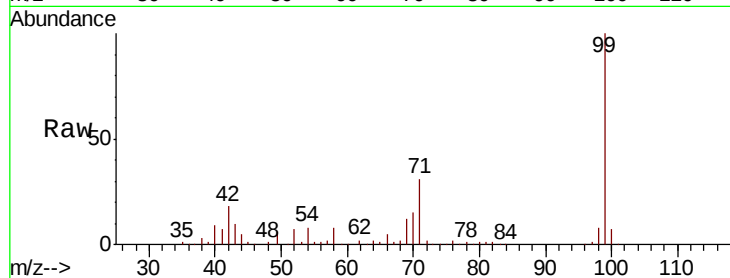
Tgt Ion: 99 Resp: 406315

Ion Ratio Lower Upper

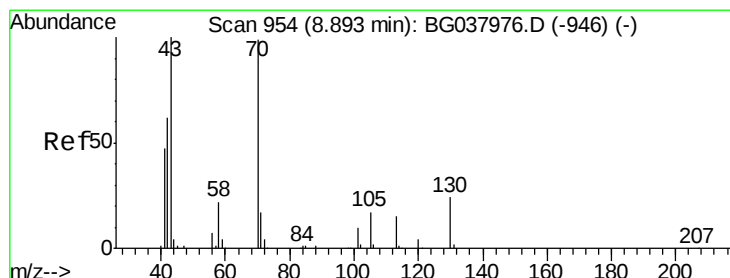
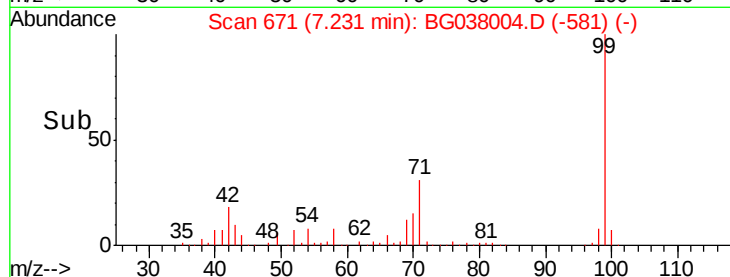
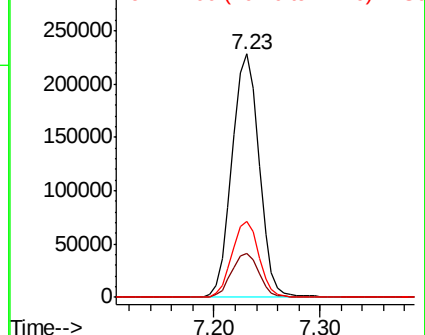
99 100

42 18.0 15.0 22.4

71 31.4 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: 13.413 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038004.D

Acq: 14 Nov 2018 19:38

Tgt Ion: 70 Resp: 38343

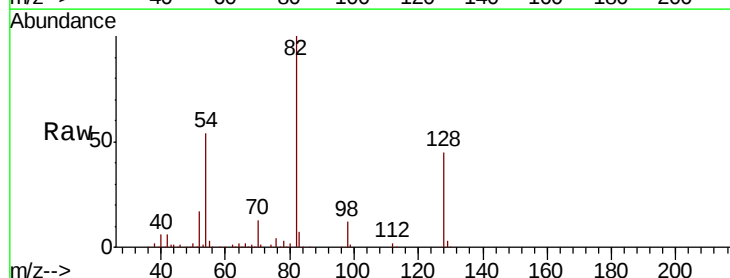
Ion Ratio Lower Upper

70 100

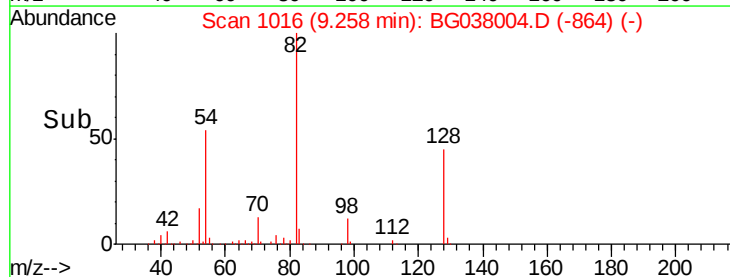
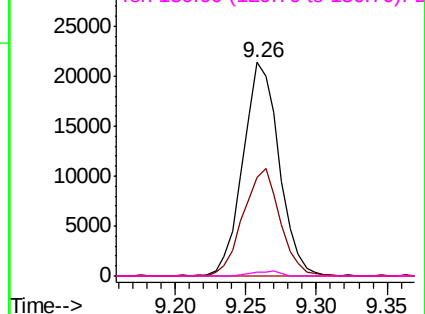
42 46.1 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 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

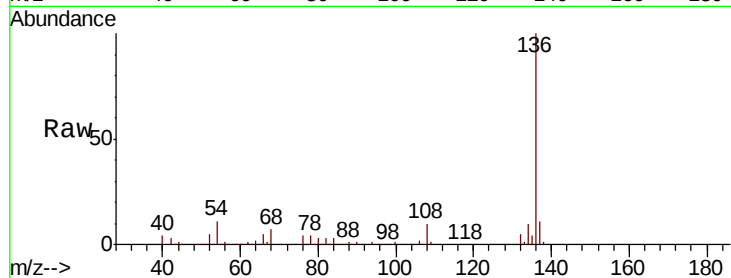




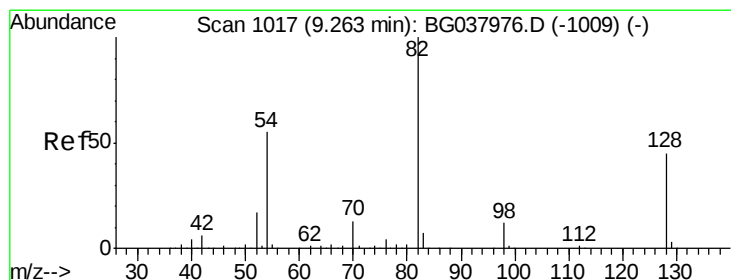
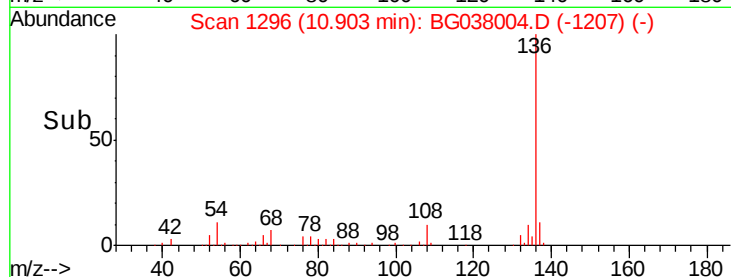
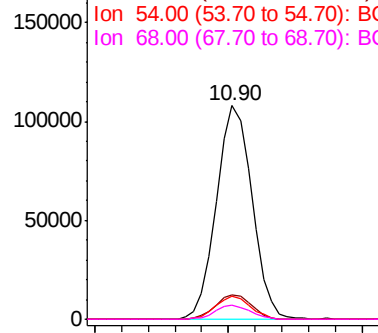
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038004.D
Acq: 14 Nov 2018 19:38

Instrument :
BNA_G
ClientSampleId :
207-WEST-TRENCH

Tgt Ion:	136	Resp:	199343
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.6	7.9	11.9
68	6.6	4.8	7.2

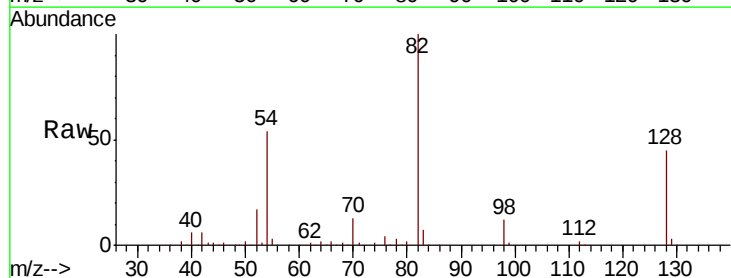


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

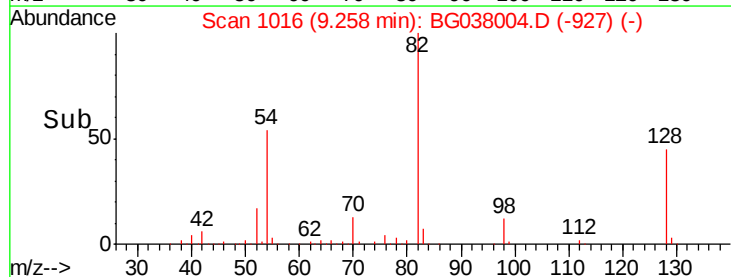
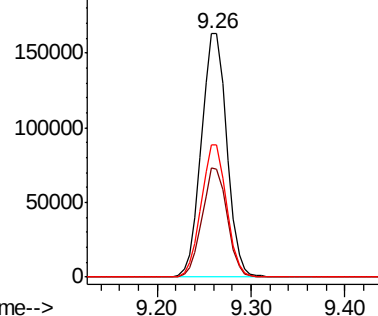


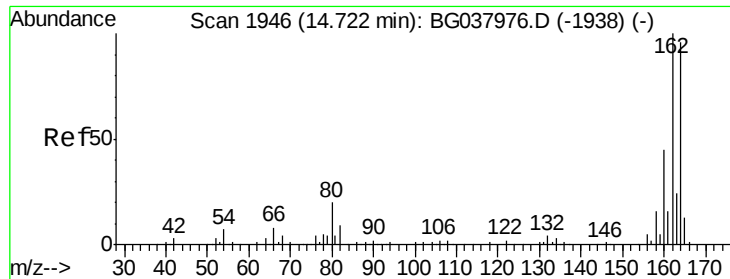
#23
Nitrobenzene-d5
Concen: 82.480 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG038004.D
Acq: 14 Nov 2018 19:38

Tgt Ion:	82	Resp:	307148
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	54.3	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# 1945

Delta R.T. -0.01 min

Lab File: BG038004.D

Acq: 14 Nov 2018 19:38

Instrument :

BNA_G

ClientSampleId :

207-WEST-TRENCH

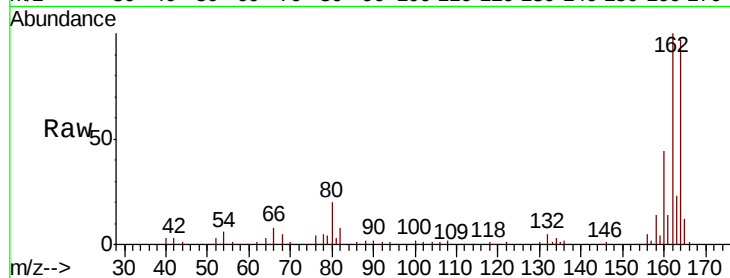
Tgt Ion:164 Resp: 127499

Ion Ratio Lower Upper

164 100

162 103.2 81.3 121.9

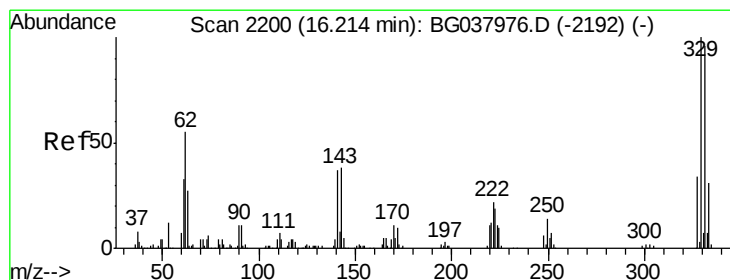
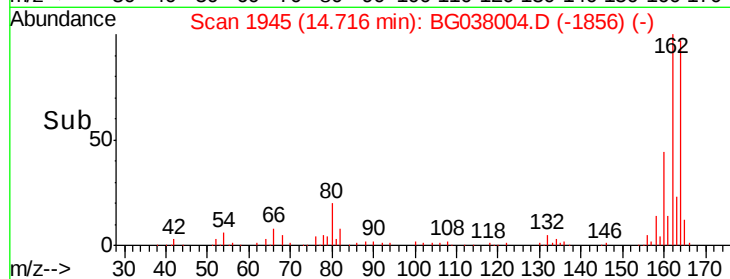
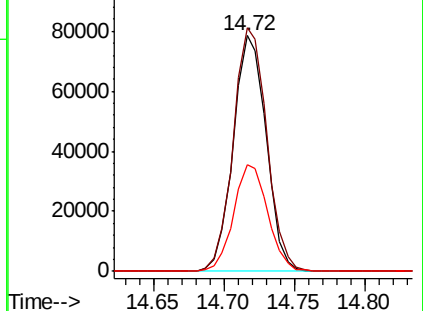
160 45.1 36.3 54.5



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: 118.277 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038004.D

Acq: 14 Nov 2018 19:38

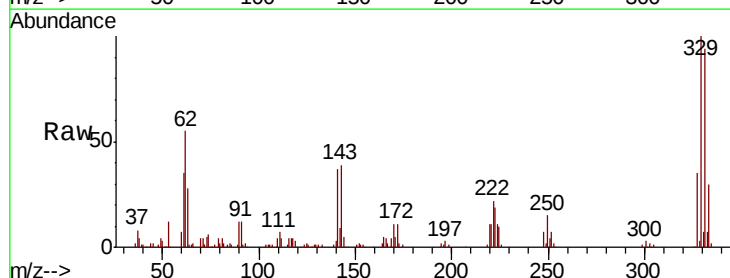
Tgt Ion:330 Resp: 171986

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

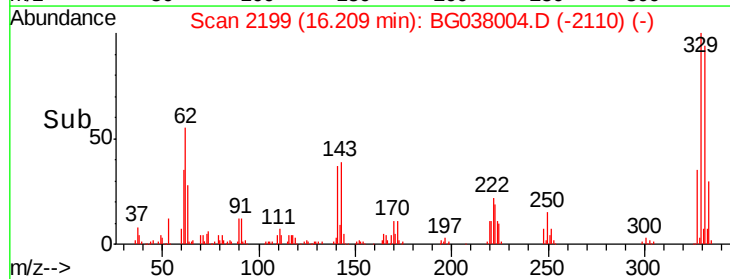
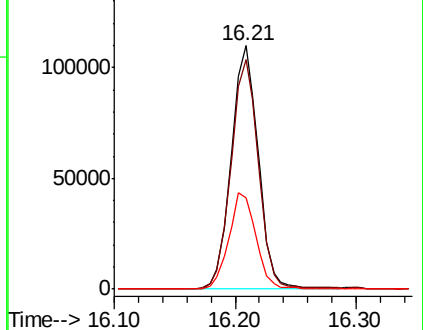
141 39.6 32.2 48.2



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

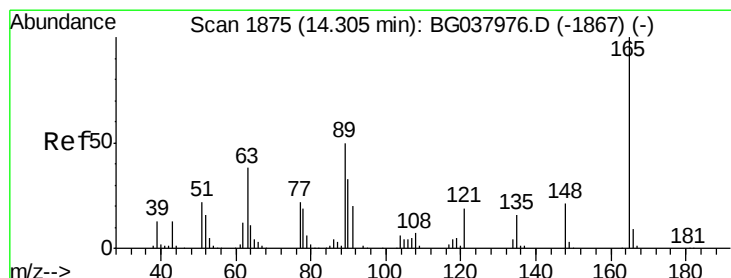
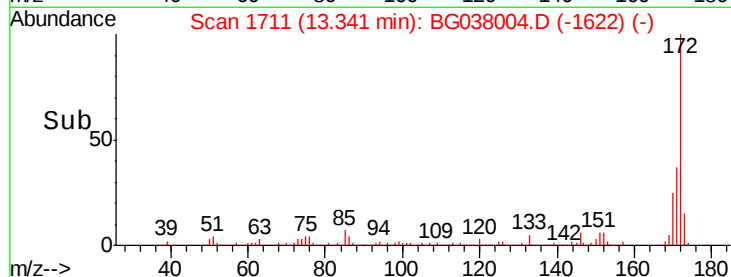
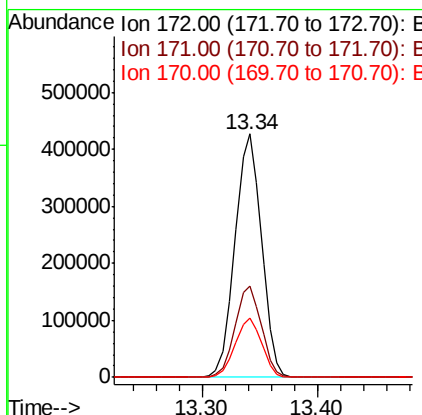
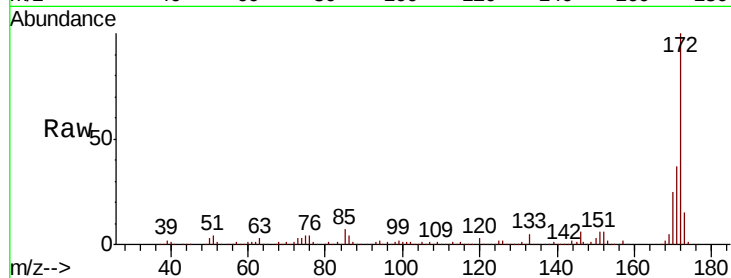




#45
 2-Fluorobiphenyl
 Concen: 77.472 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038004.D
 Acq: 14 Nov 2018 19:38

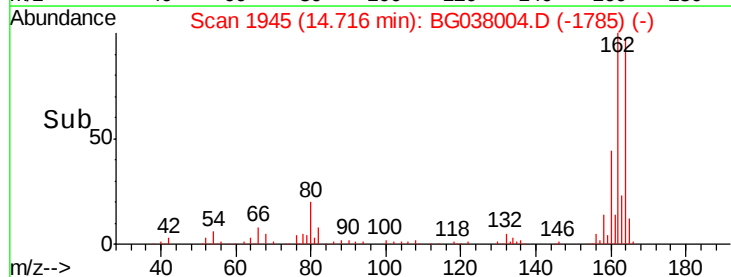
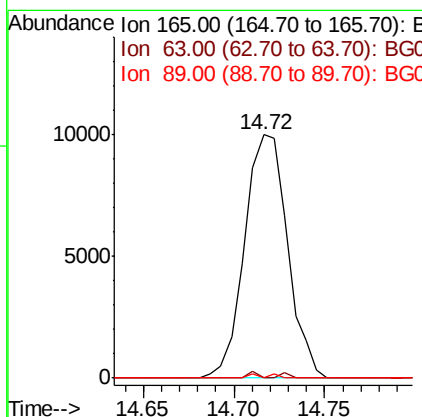
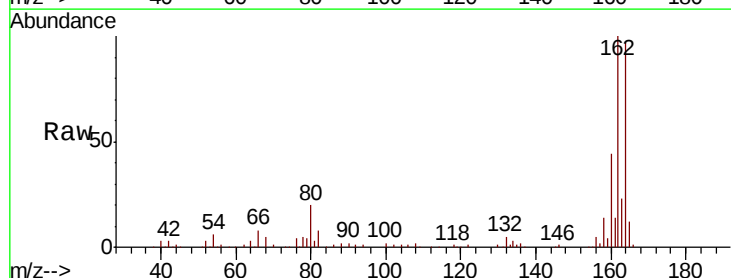
Instrument :
 BNA_G
 ClientSampleId :
 207-WEST-TRENCH

Tgt Ion:172 Resp: 678009
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.0 46.4
 170 24.6 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.191 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038004.D
 Acq: 14 Nov 2018 19:38

Tgt Ion:165 Resp: 16451
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

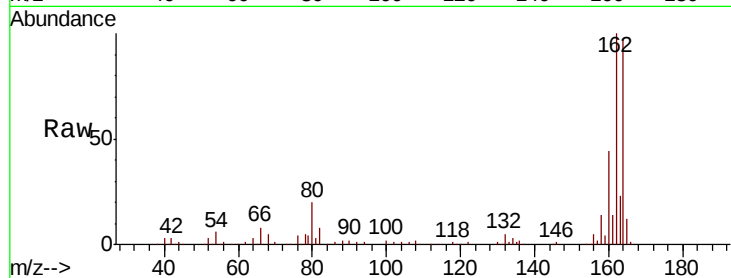




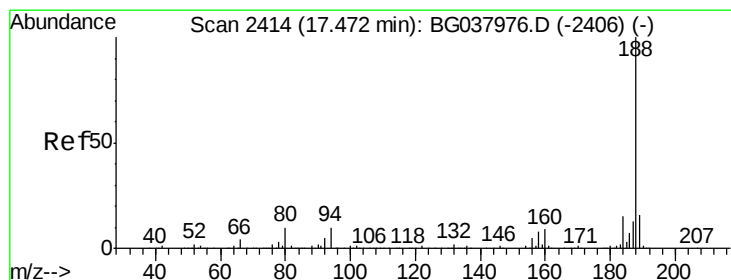
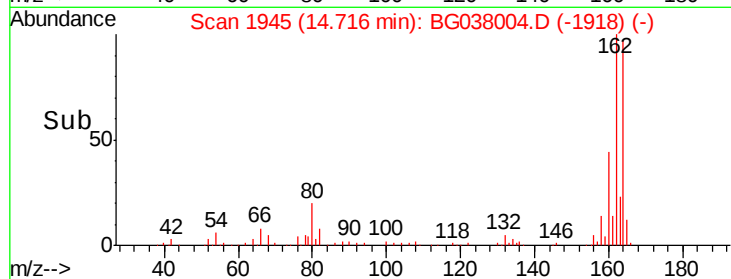
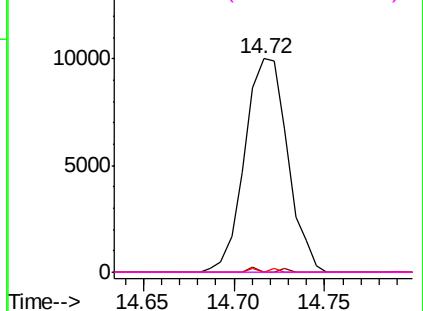
#57
 2,4-Dinitrotoluene
 Concen: 5.285 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038004.D
 Acq: 14 Nov 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 207-WEST-TRENCH

Tgt Ion:	165	Resp:	16451
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

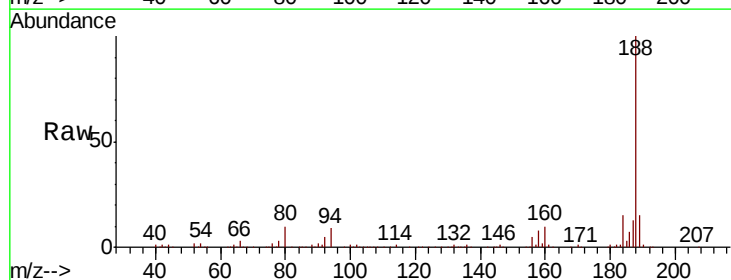


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

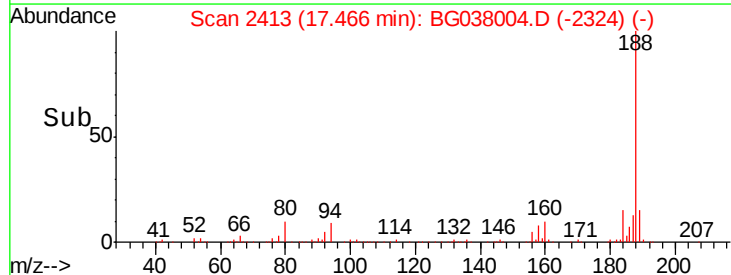
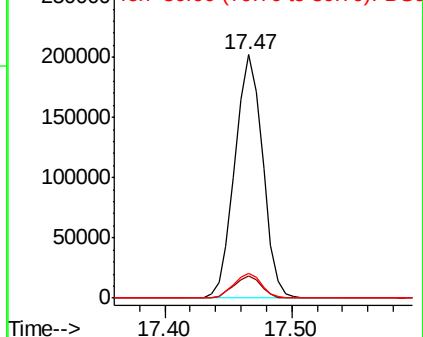


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038004.D
 Acq: 14 Nov 2018 19:38

Tgt Ion:	188	Resp:	306729
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	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

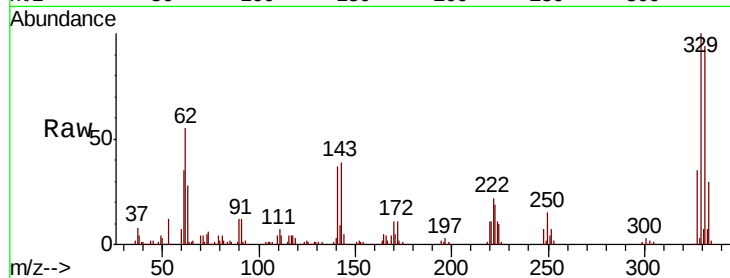




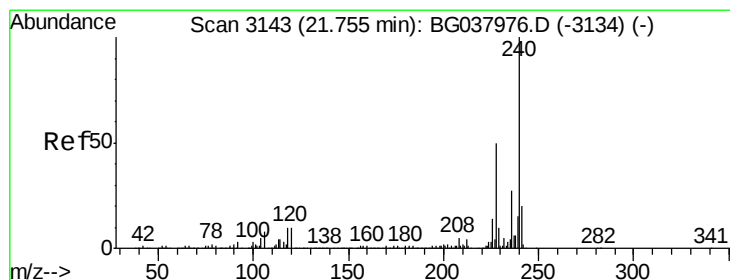
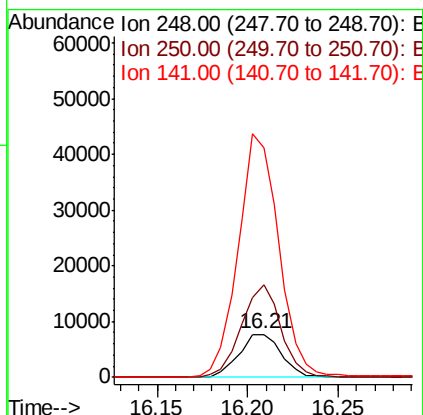
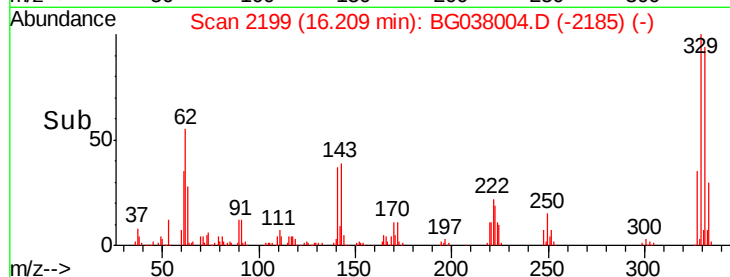
#67
 4-Bromophenyl-phenylether
 Concen: 3.726 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038004.D
 Acq: 14 Nov 2018 19:38

Instrument :
 BNA_G
 ClientSampleId :
 207-WEST-TRENCH

Tgt Ion:248 Resp: 12543
 Ion Ratio Lower Upper
 248 100
 250 207.7 77.0 115.6#
 141 410.6 55.5 83.3#

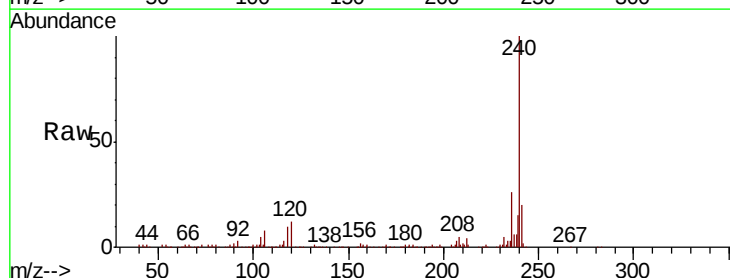


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

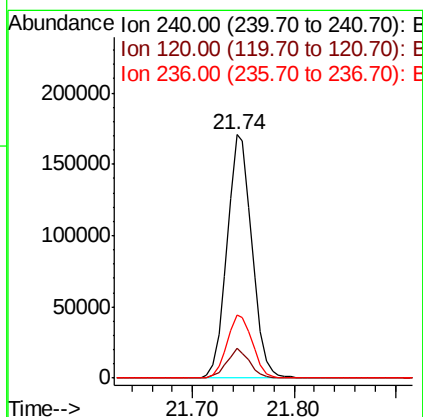
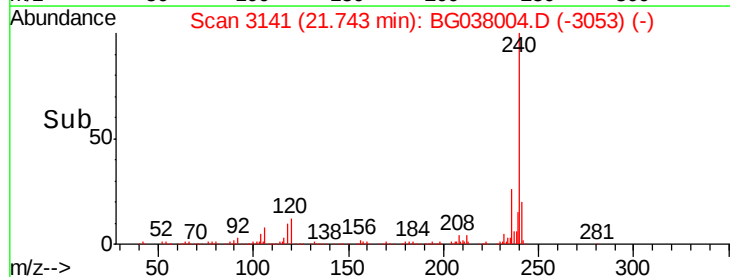


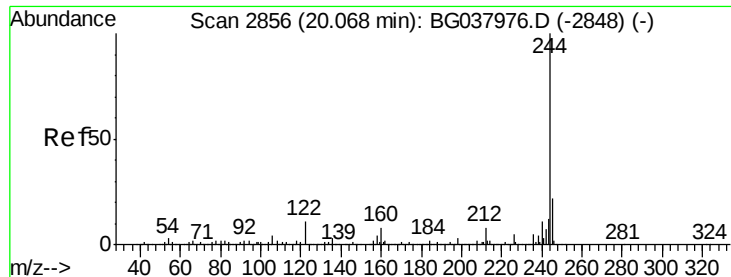
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038004.D
 Acq: 14 Nov 2018 19:38

Tgt Ion:240 Resp: 290237
 Ion Ratio Lower Upper
 240 100
 120 12.3 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: 89.721 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038004.D

Acq: 14 Nov 2018 19:38

Instrument :

BNA_G

ClientSampleId :

207-WEST-TRENCH

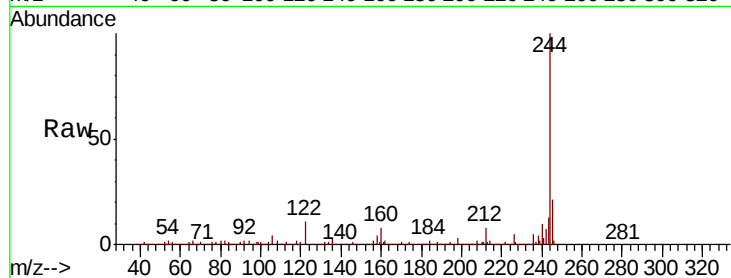
Tgt Ion:244 Resp: 1106683

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

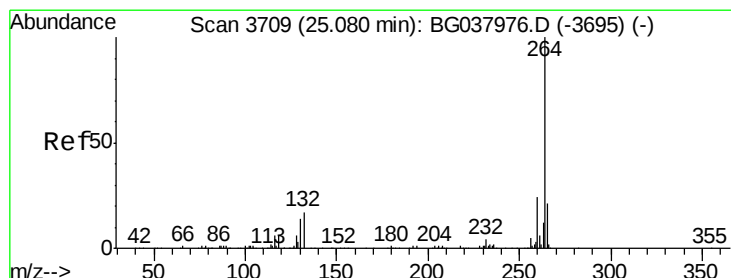
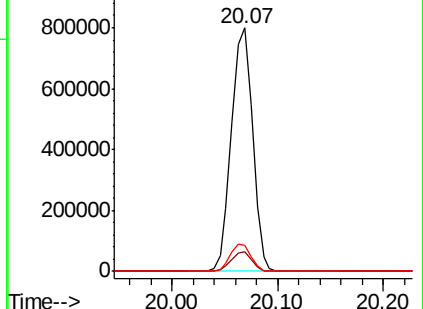
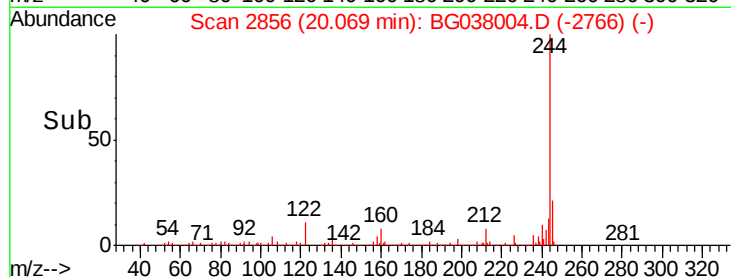
122 10.6 9.0 13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038004.D

Acq: 14 Nov 2018 19:38

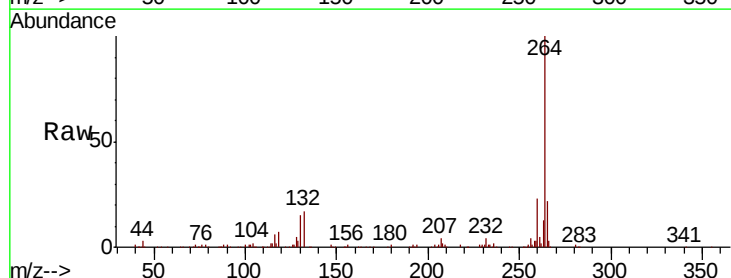
Tgt Ion:264 Resp: 297309

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

265 22.2 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

