

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038582.D
 Acq On : 15 Dec 2018 00:23
 Operator : JU/SJ
 Sample : PB115631BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BL

Quant Time: Dec 15 03:13:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

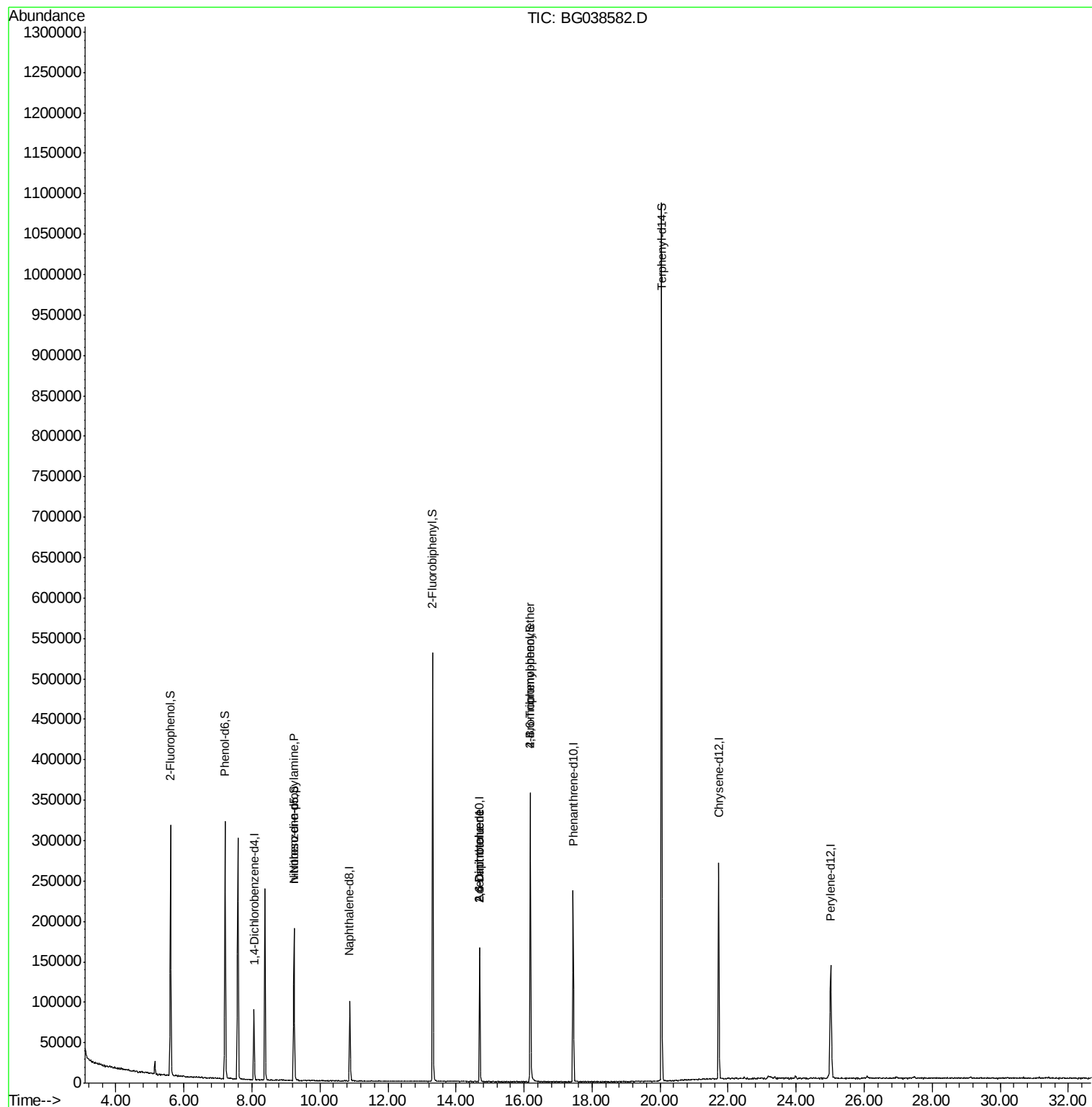
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23421	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	91541	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	61255	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	157049	20.00	ng	0.00
76) Chrysene-d12	21.72	240	167395	20.00	ng	0.00
87) Perylene-d12	25.02	264	177325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	134729	102.03	ng	0.00
7) Phenol-d6	7.21	99	179813	99.19	ng	0.00
23) Nitrobenzene-d5	9.24	82	116039	64.76	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	74097	87.77	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	279078	62.50	ng	0.00
79) Terphenyl-d14	20.04	244	563685	73.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	15311	12.026	ng	# 73
51) 2,6-Dinitrotoluene	14.69	165	7930	6.995	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	7930	4.967	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	5177	2.699	ng	# 1

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

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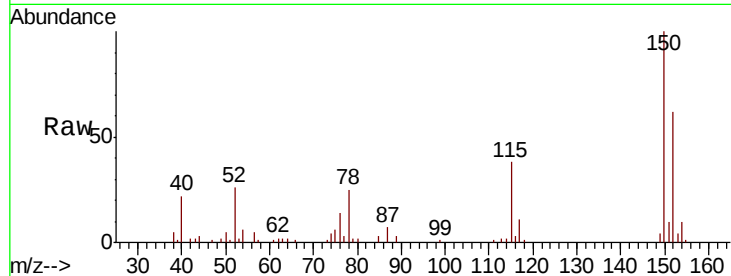


#1

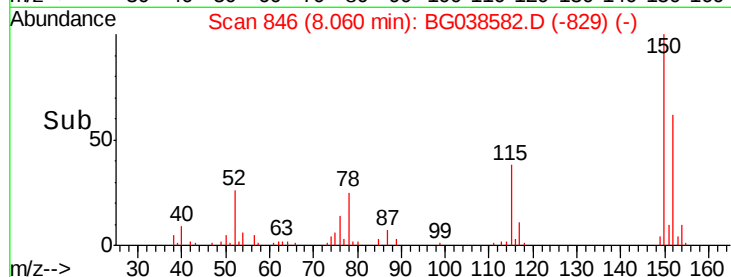
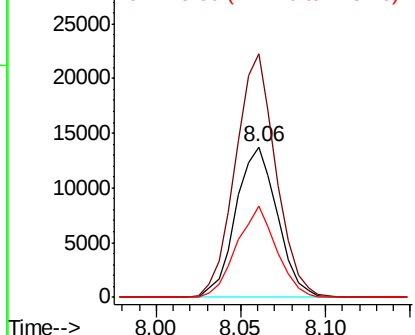
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038582.D
Acq: 15 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115631BL

Tgt Ion:152 Resp: 23421
Ion Ratio Lower Upper
152 100
150 161.9 119.5 179.3
115 60.8 49.6 74.4



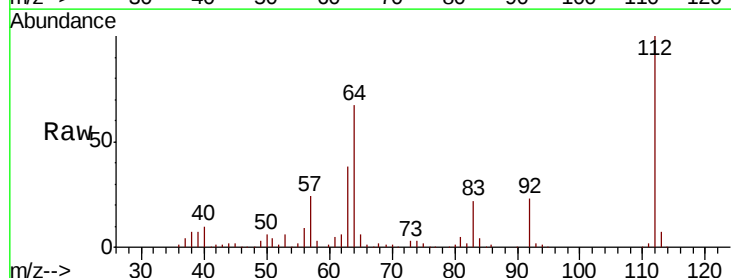
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



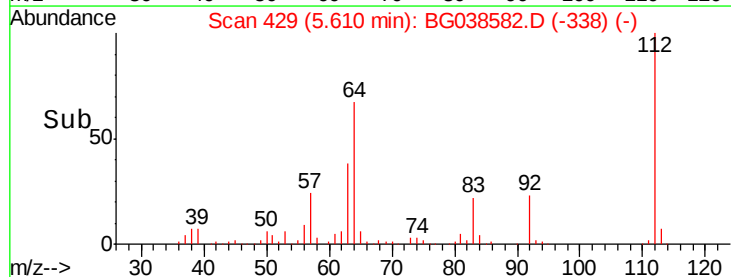
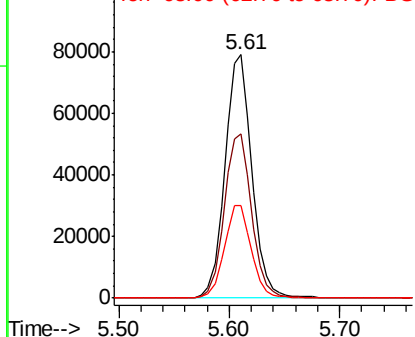
#5

2-Fluorophenol
Concen: 102.029 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038582.D
Acq: 15 Dec 2018 00:23

Tgt Ion:112 Resp: 134729
Ion Ratio Lower Upper
112 100
64 67.4 53.4 80.2
63 38.0 29.3 43.9



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: 99.192 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampled :

PB115631BL

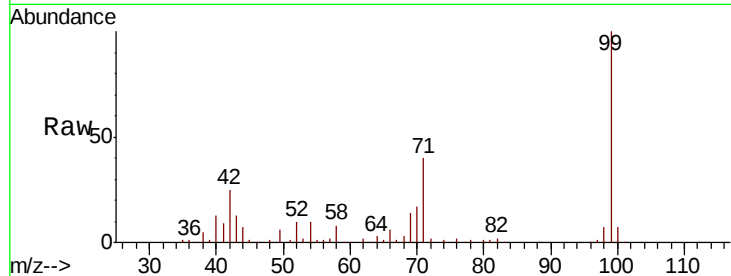
Tgt Ion: 99 Resp: 179813

Ion Ratio Lower Upper

99 100

42 25.0 18.5 27.7

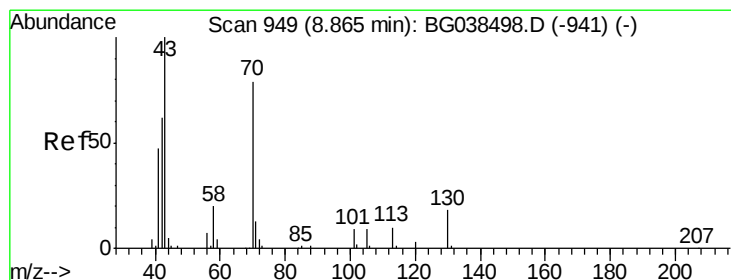
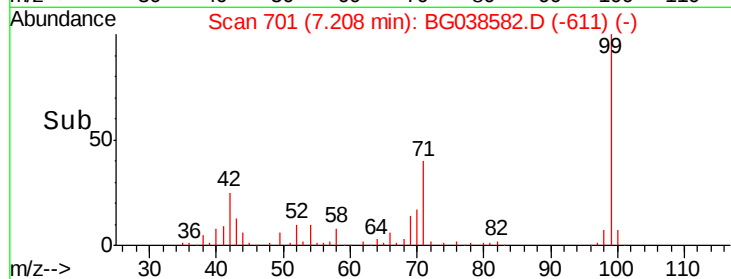
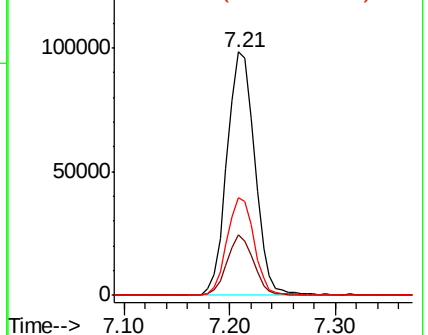
71 40.0 31.1 46.7



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: 12.026 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Tgt Ion: 70 Resp: 15311

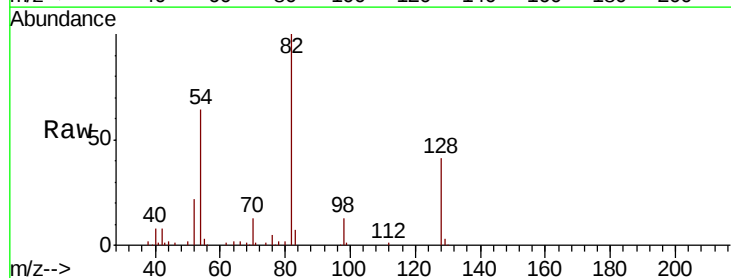
Ion Ratio Lower Upper

70 100

42 60.6 63.6 95.4#

101 0.0 9.2 13.8#

130 2.5 18.5 27.7#

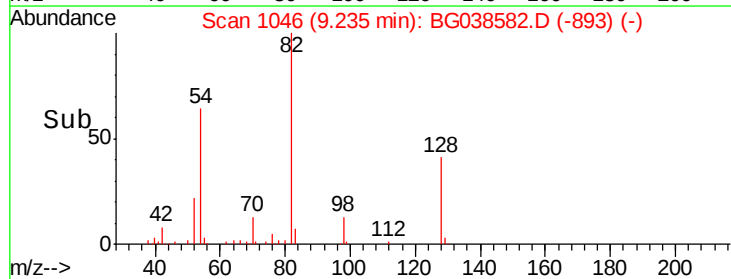
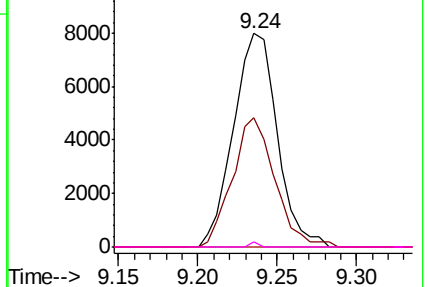


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

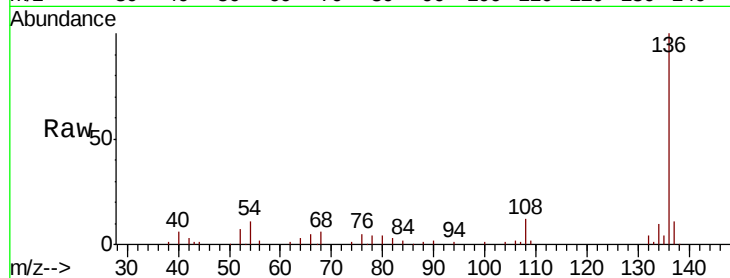




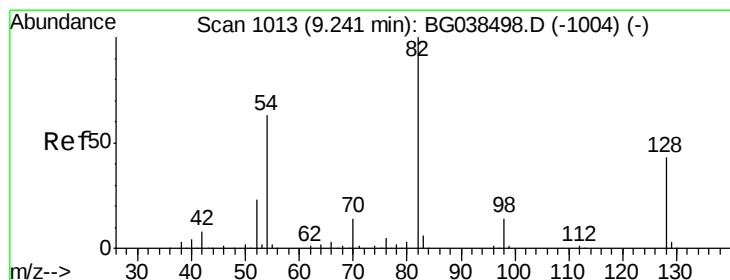
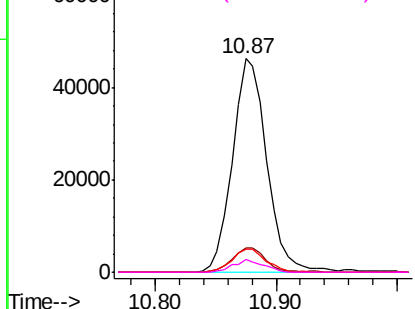
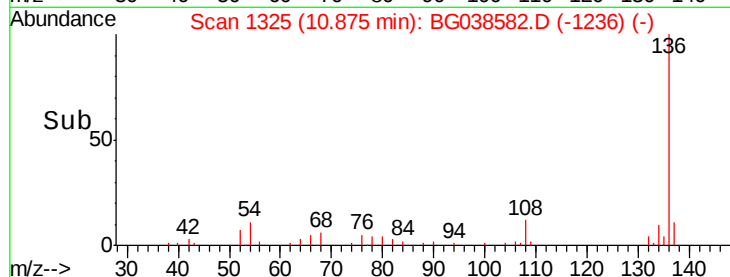
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038582.D
Acq: 15 Dec 2018 00:23

Instrument :
BNA_G
ClientSampleId :
PB115631BL

Tgt Ion: 136 Resp: 91541
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 10.8 8.5 12.7
68 5.8 3.5 5.3#

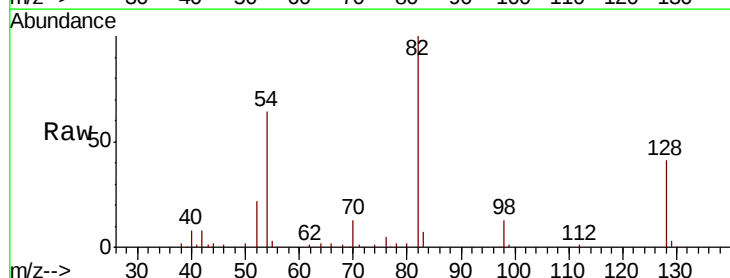


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

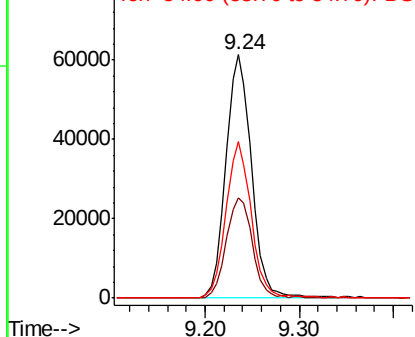
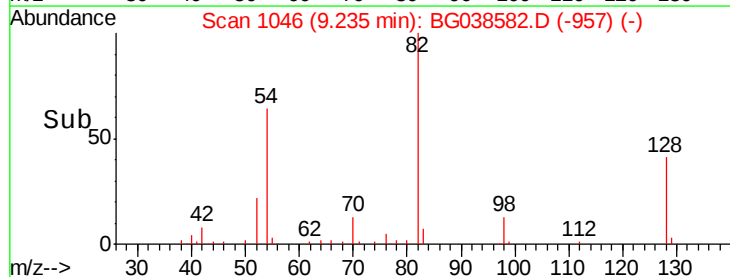


#23
Nitrobenzene-d5
Concen: 64.759 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038582.D
Acq: 15 Dec 2018 00:23

Tgt Ion: 82 Resp: 116039
Ion Ratio Lower Upper
82 100
128 41.2 34.6 52.0
54 64.2 50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115631BL

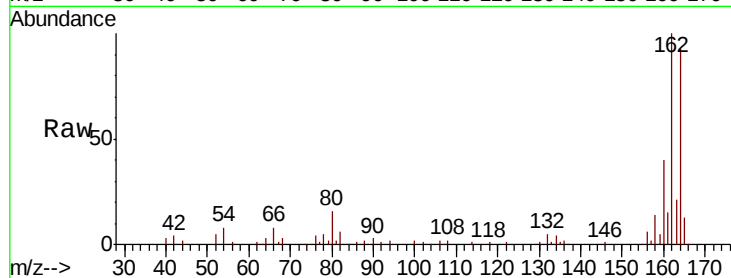
Tgt Ion:164 Resp: 61255

Ion Ratio Lower Upper

164 100

162 107.6 86.6 130.0

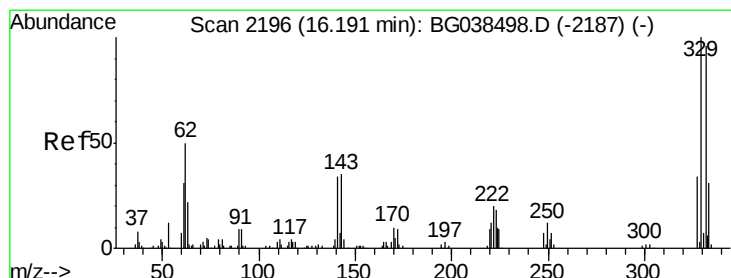
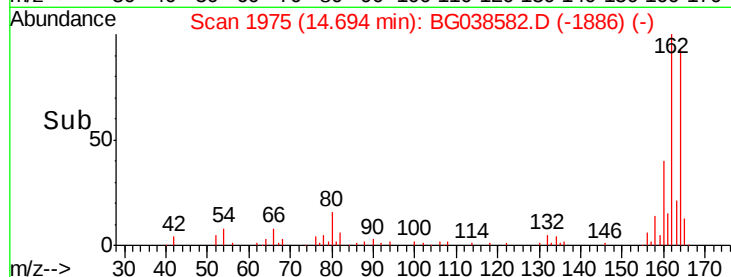
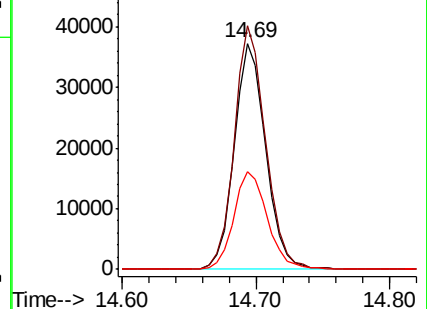
160 43.4 34.2 51.2



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: 87.771 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

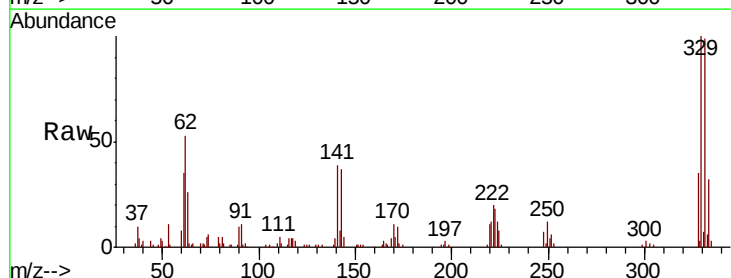
Tgt Ion:330 Resp: 74097

Ion Ratio Lower Upper

330 100

332 98.0 76.9 115.3

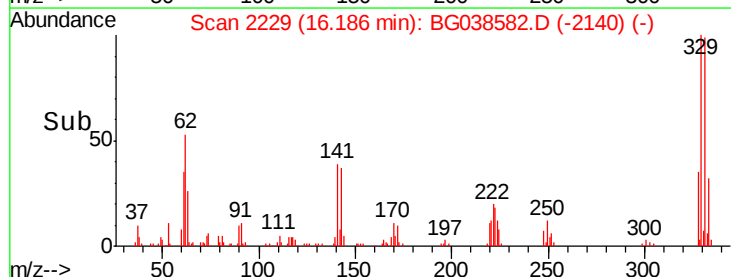
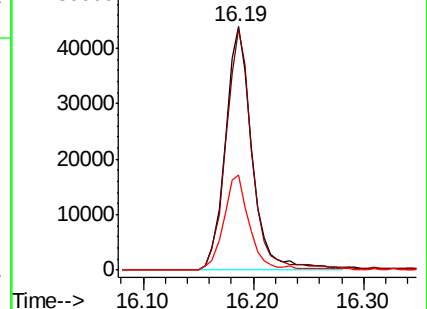
141 38.2 28.8 43.2

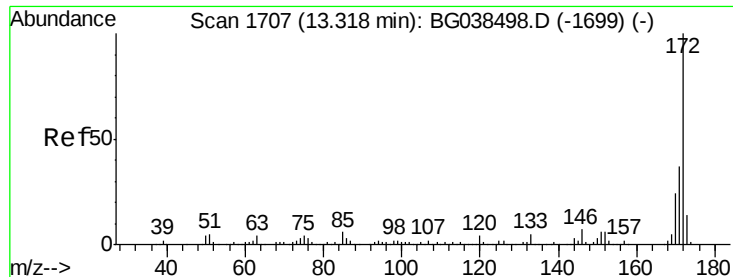


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

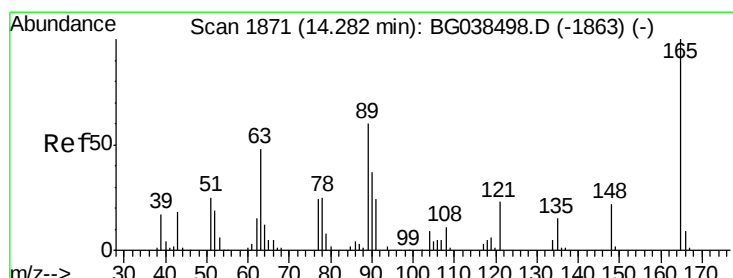
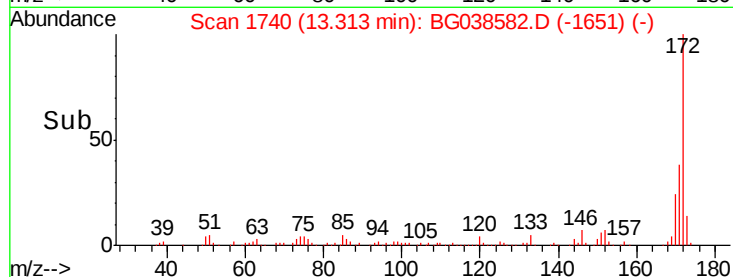
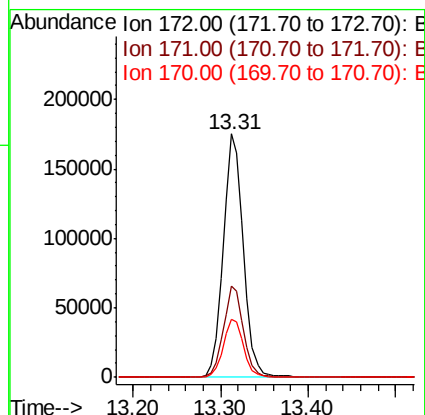
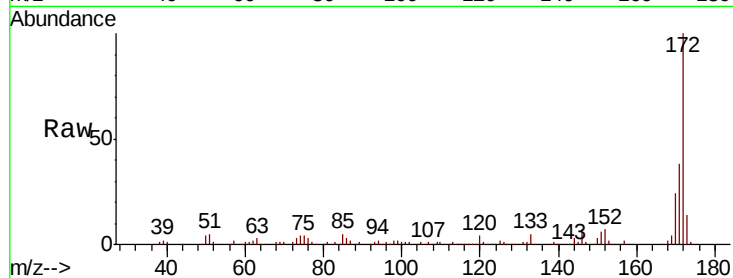




#45
 2-Fluorobiphenyl
 Concen: 62.501 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038582.D
 Acq: 15 Dec 2018 00:23

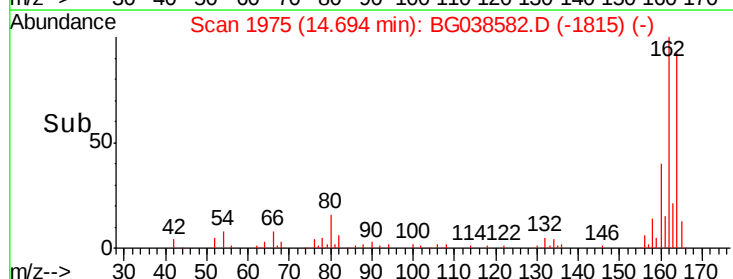
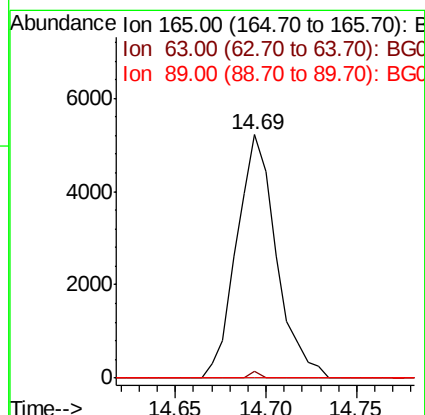
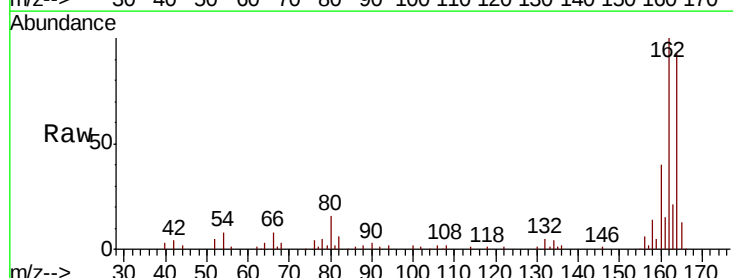
Instrument :
 BNA_G
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 PB115631BL

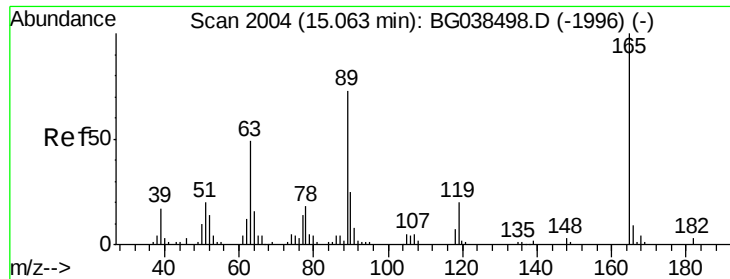
Tgt Ion:172 Resp: 279078
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 23.6 19.5 29.3



#51
 2,6-Dinitrotoluene
 Concen: 6.995 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038582.D
 Acq: 15 Dec 2018 00:23

Tgt Ion:165 Resp: 7930
 Ion Ratio Lower Upper
 165 100
 63 2.9 51.8 77.6#
 89 0.0 47.9 71.9#

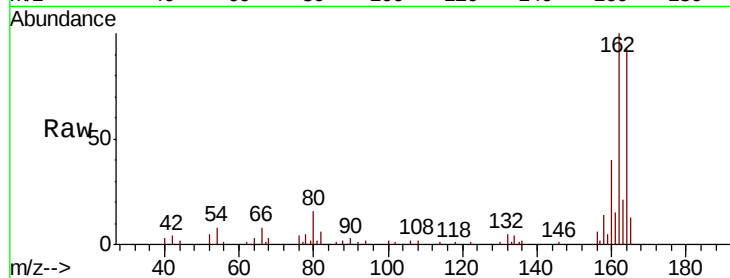




#57
 2,4-Dinitrotoluene
 Concen: 4.967 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038582.D
 Acq: 15 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BL

Tgt Ion:	165	Resp:	7930
Ion	Ratio	Lower	Upper
165	100		
63	2.9	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#

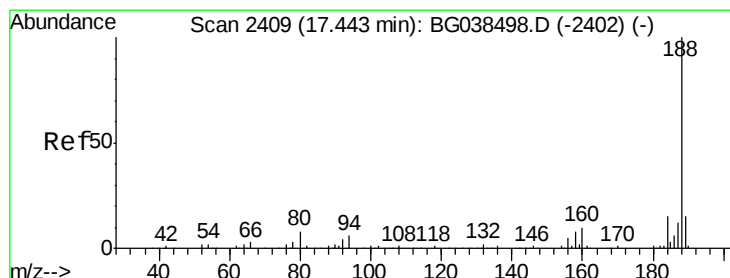
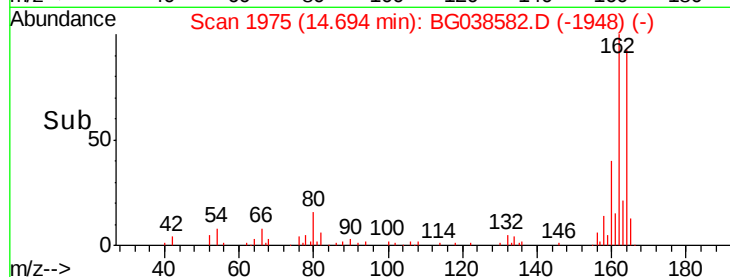
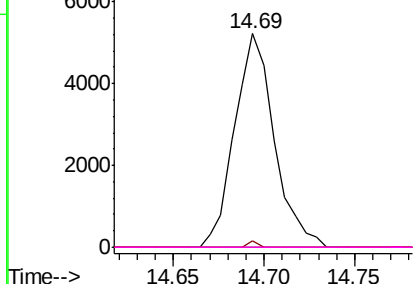


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

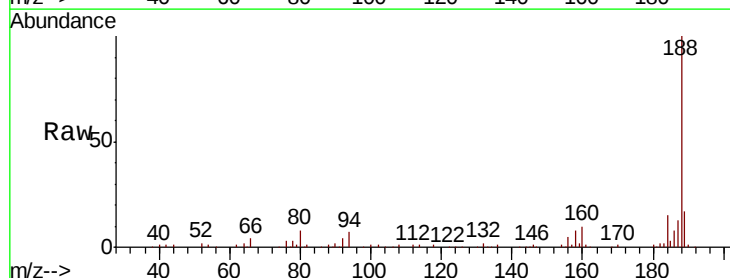
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038582.D
 Acq: 15 Dec 2018 00:23

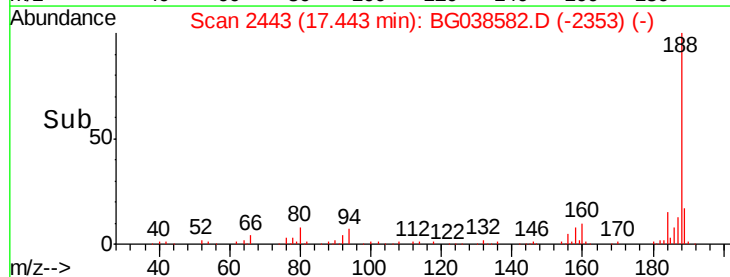
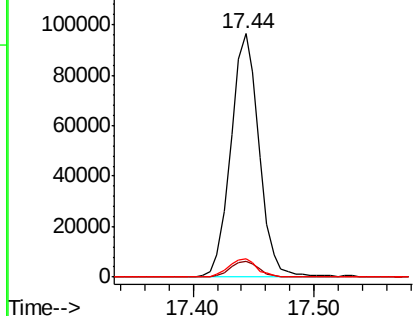
Tgt Ion:	188	Resp:	157049
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.1	7.7
80	7.7	6.1	9.1



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

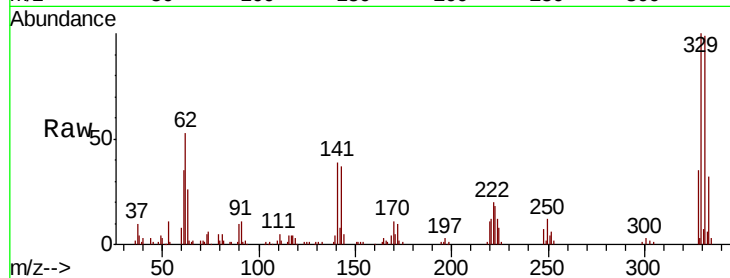




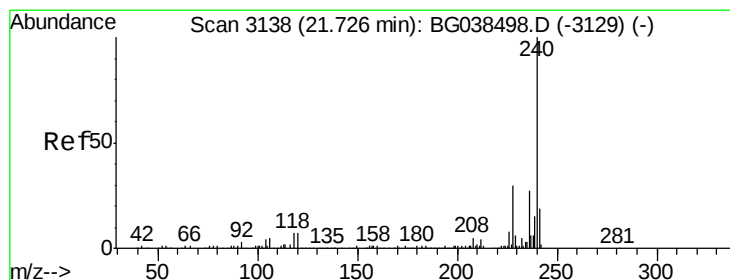
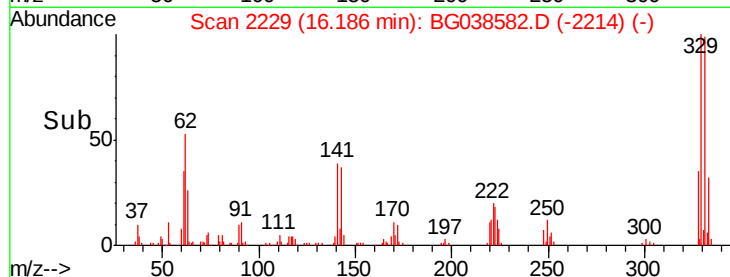
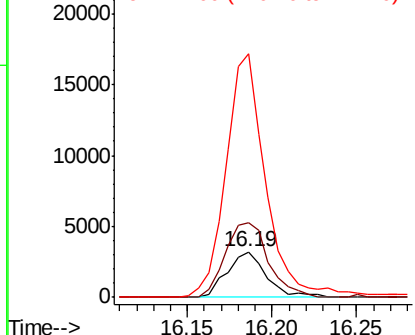
#67
 4-Bromophenyl-phenylether
 Concen: 2.699 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038582.D
 Acq: 15 Dec 2018 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB115631BL

Tgt Ion:248 Resp: 5177
 Ion Ratio Lower Upper
 248 100
 250 178.0 73.4 110.2#
 141 425.3 52.9 79.3#

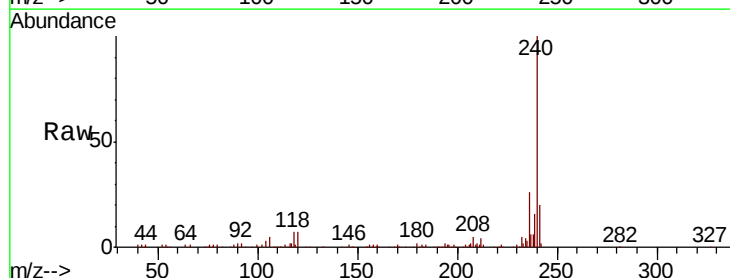


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

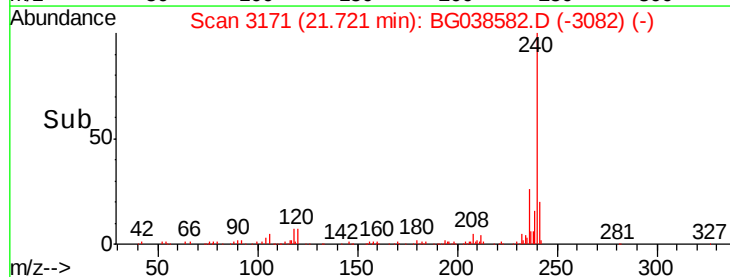
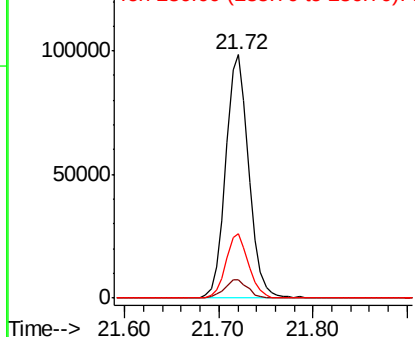


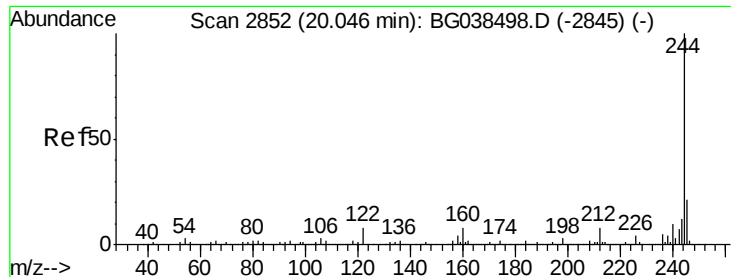
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038582.D
 Acq: 15 Dec 2018 00:23

Tgt Ion:240 Resp: 167395
 Ion Ratio Lower Upper
 240 100
 120 7.4 5.3 7.9
 236 26.3 21.4 32.2



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: 73.286 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

Instrument :

BNA_G

ClientSampleId :

PB115631BL

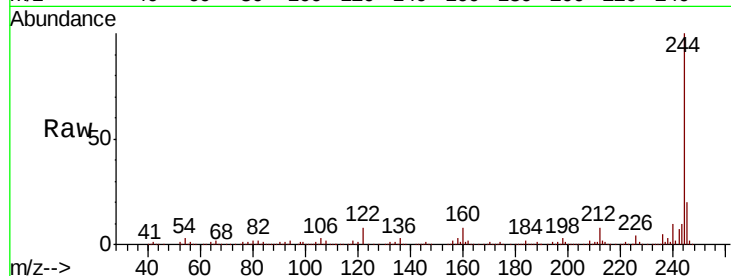
Tgt Ion:244 Resp: 563685

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

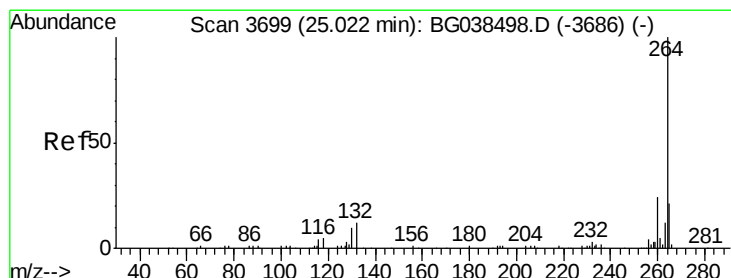
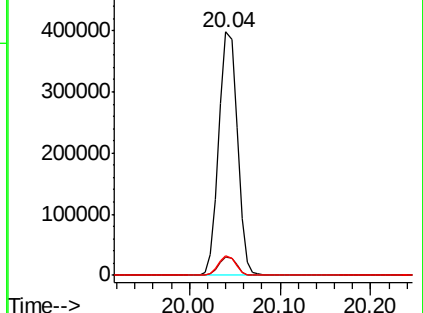
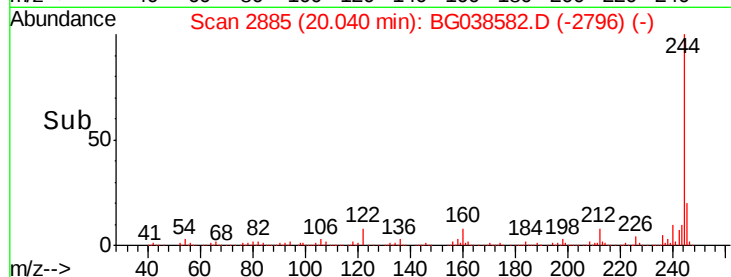
122 7.9 6.3 9.5



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: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038582.D

Acq: 15 Dec 2018 00:23

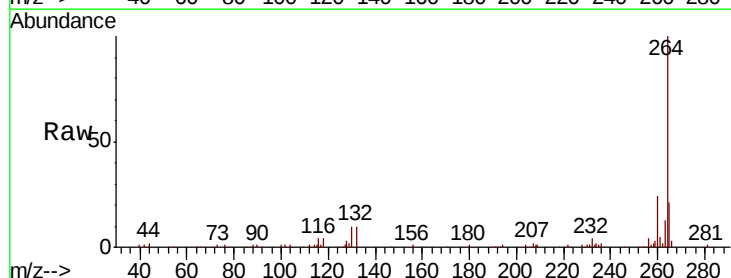
Tgt Ion:264 Resp: 177325

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.1 17.0 25.4



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

