

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038183.D
 Acq On : 28 Nov 2018 1:33
 Operator : JU/SJ
 Sample : PB115087BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Quant Time: Nov 28 04:14:12 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

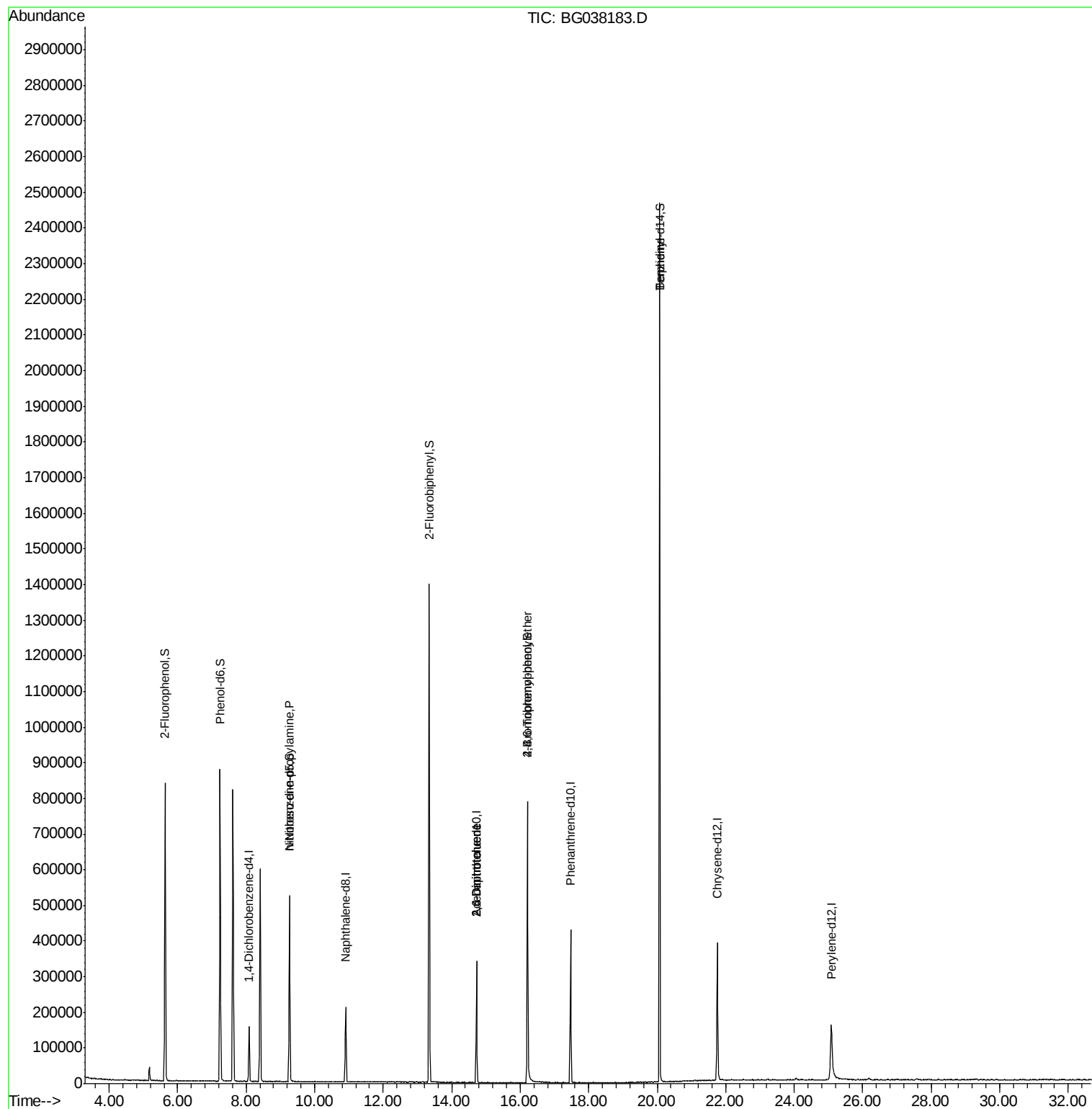
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	43904	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	188324	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	120361	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	278774	20.00	ng	0.00
76) Chrysene-d12	21.76	240	266183	20.00	ng	0.00
87) Perylene-d12	25.08	264	236467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	368983	145.11	ng	0.00
7) Phenol-d6	7.24	99	521922	143.79	ng	0.00
23) Nitrobenzene-d5	9.27	82	326834	92.90	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	158588	115.53	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	751083	90.91	ng	0.00
79) Terphenyl-d14	20.07	244	1168529	103.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	40970	15.599	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	15483	7.169	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	15483	5.269	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	11325	3.701	ng	# 1
77) Benzidine	20.07	184	20487	2.193	ng	# 93

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

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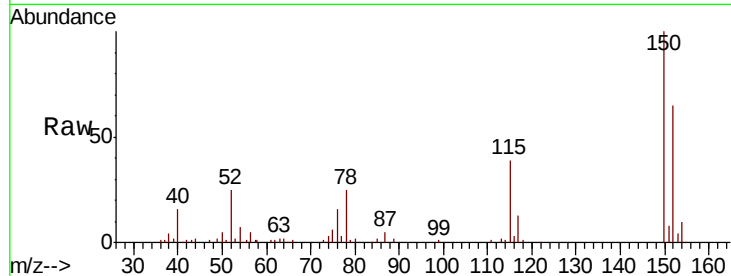




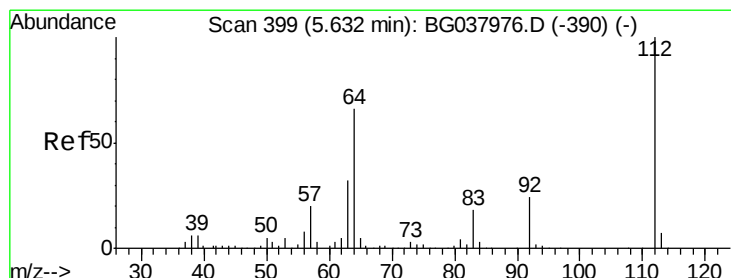
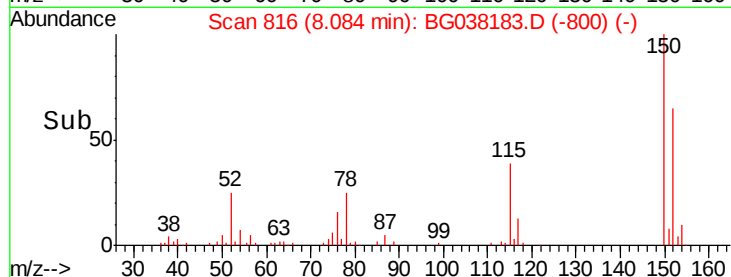
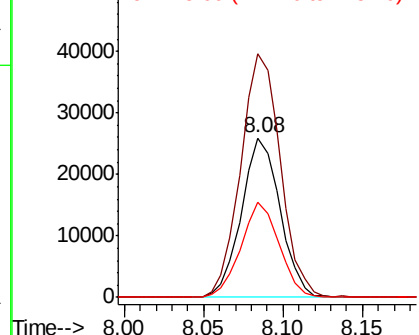
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Tgt Ion:152 Resp: 43904
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.0 189.0
 115 59.6 45.5 68.3

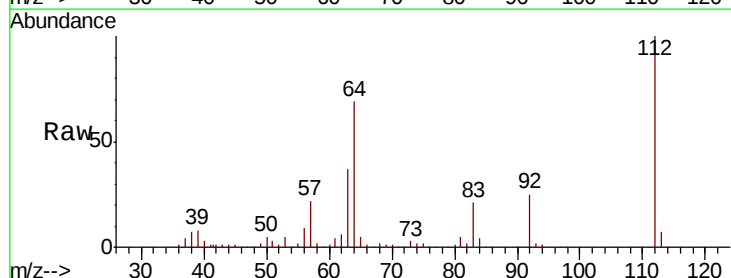


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

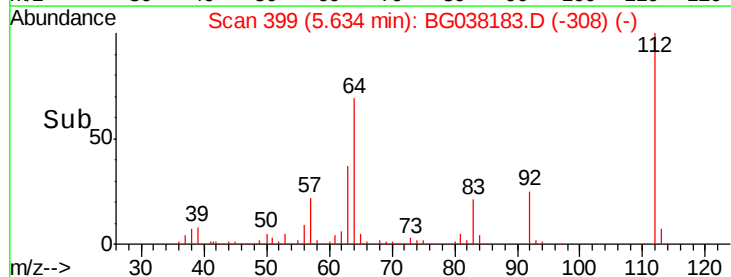
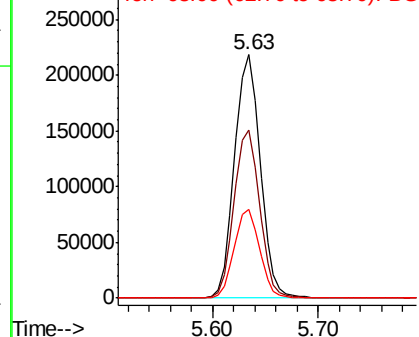


#5
 2-Fluorophenol
 Concen: 145.106 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Tgt Ion:112 Resp: 368983
 Ion Ratio Lower Upper
 112 100
 64 68.9 53.1 79.7
 63 36.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.789 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB115087BL

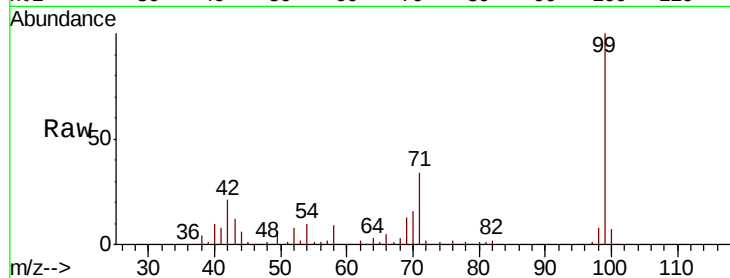
Tgt Ion: 99 Resp: 521922

Ion Ratio Lower Upper

99 100

42 21.2 15.0 22.4

71 34.5 25.5 38.3

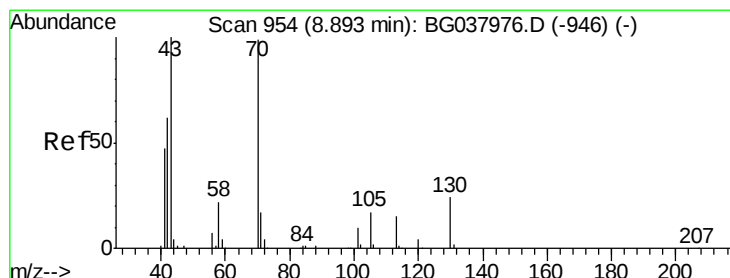
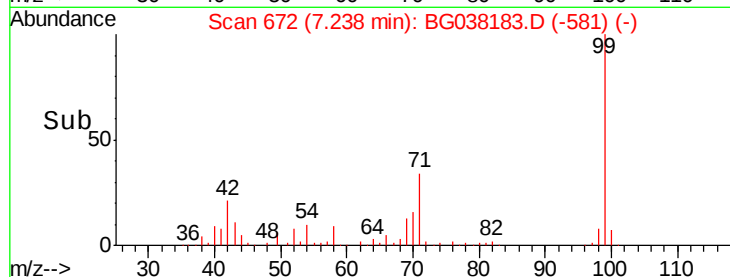
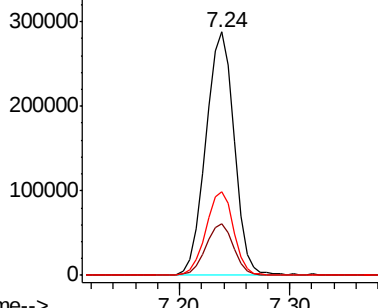


Abundance

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: 15.599 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Tgt Ion: 70 Resp: 40970

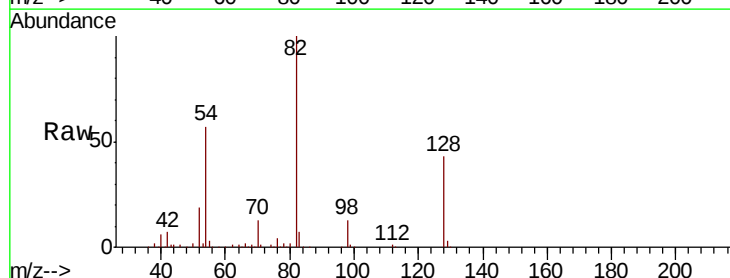
Ion Ratio Lower Upper

70 100

42 53.9 53.9 80.9#

101 0.0 8.2 12.2#

130 1.8 18.2 27.4#



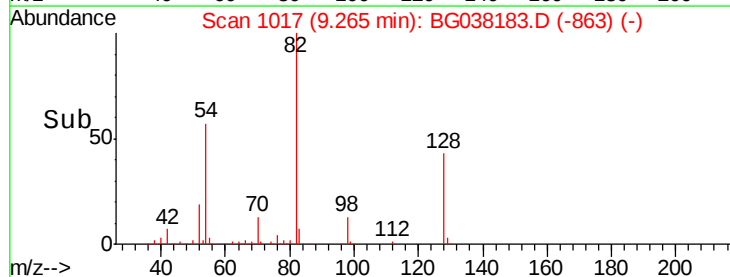
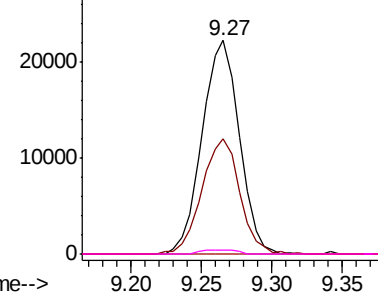
Abundance

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

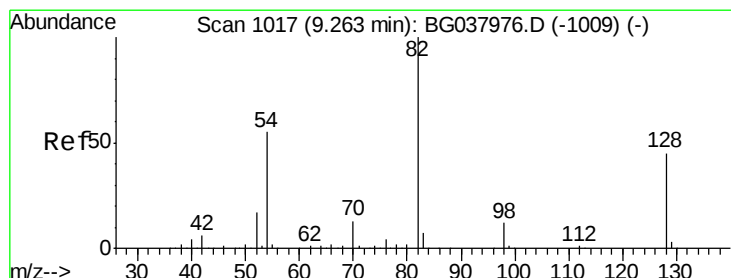
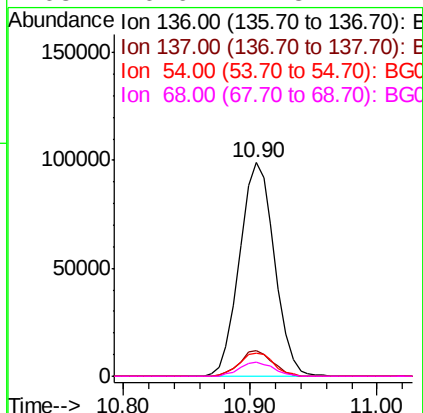
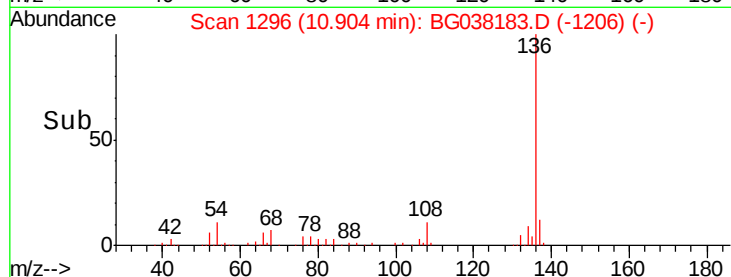
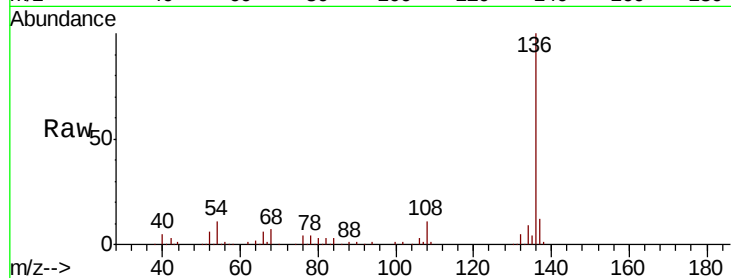




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038183.D
Acq: 28 Nov 2018 1:33

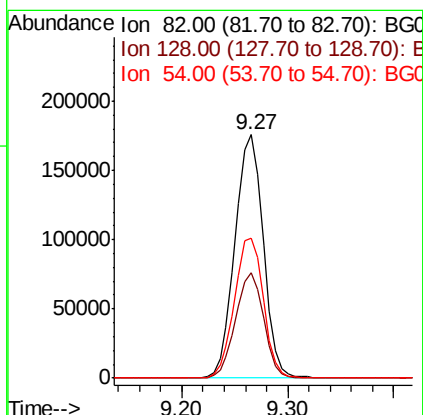
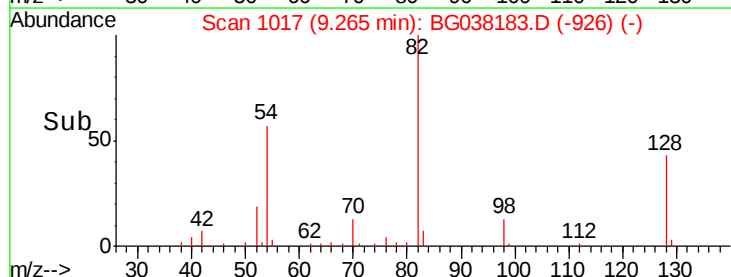
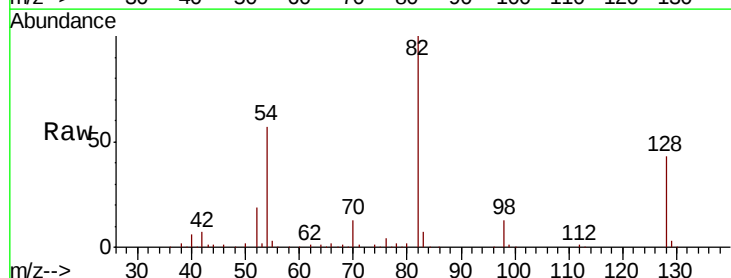
Instrument :
BNA_G
ClientSampleId :
PB115087BL

Tgt Ion:	136	Resp:	188324
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.8	7.9	11.9
68	6.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 92.901 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038183.D
Acq: 28 Nov 2018 1:33

Tgt Ion:	82	Resp:	326834
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	57.3	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB115087BL

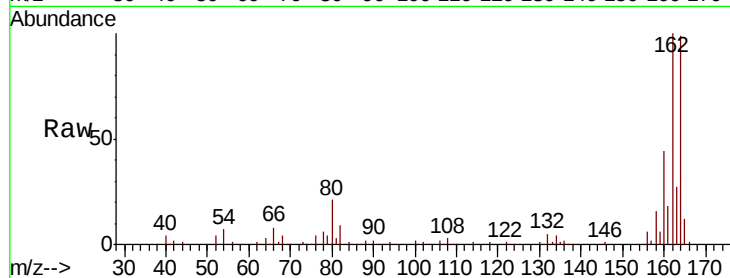
Tgt Ion:164 Resp: 120361

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

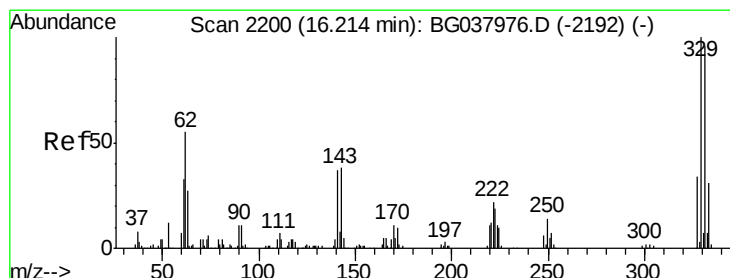
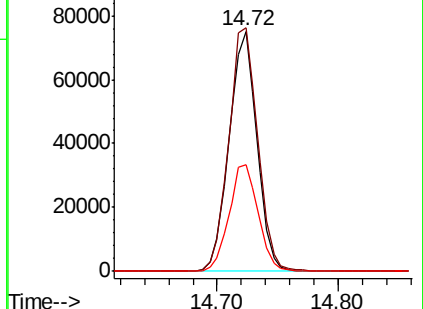
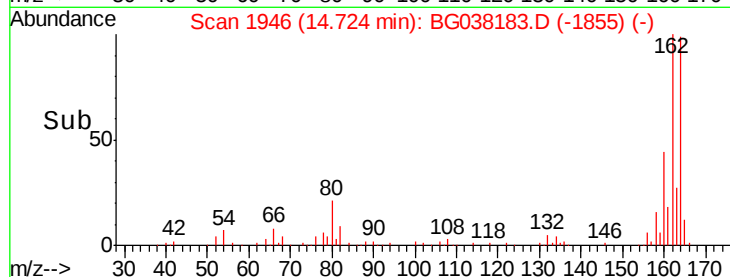
160 44.2 36.3 54.5



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: 115.531 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

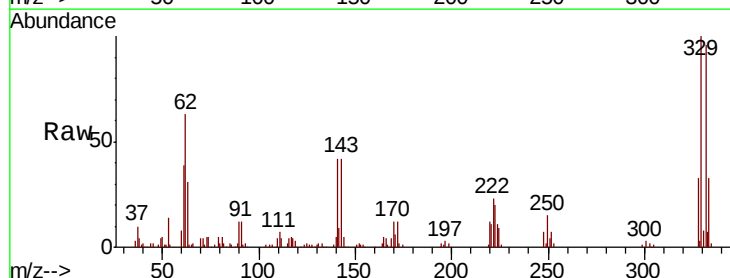
Tgt Ion:330 Resp: 158588

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

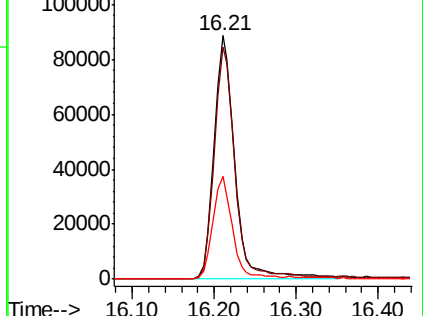
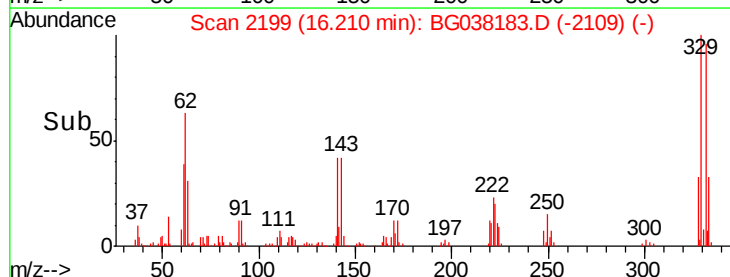
141 41.0 32.2 48.2

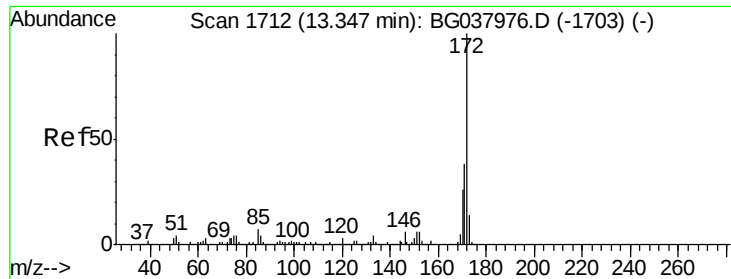


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

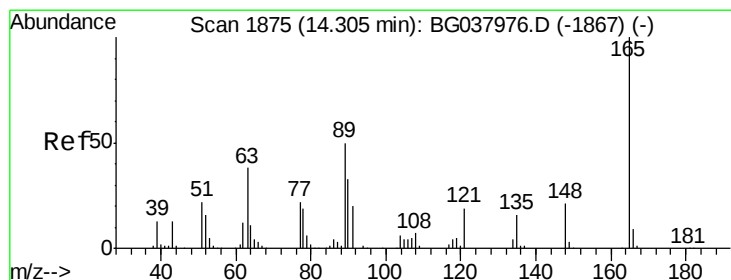
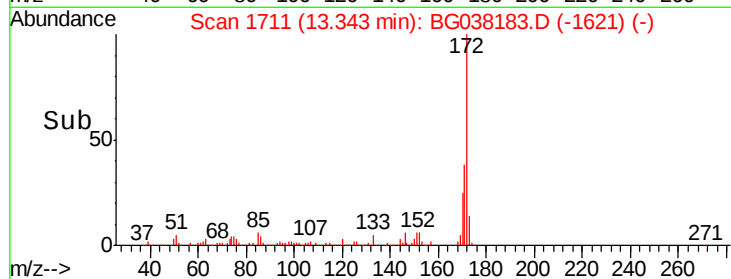
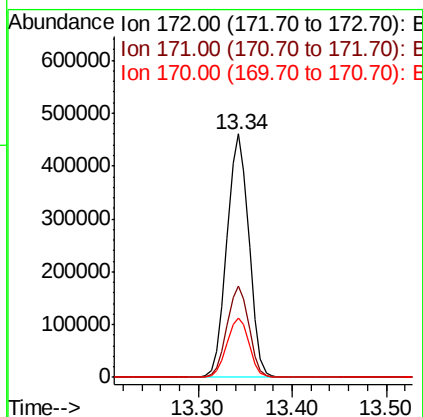
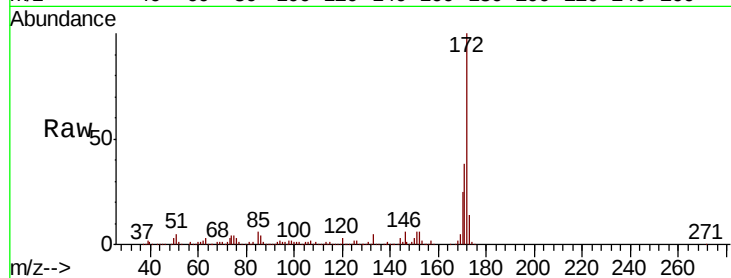




#45
 2-Fluorobiphenyl
 Concen: 90.911 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

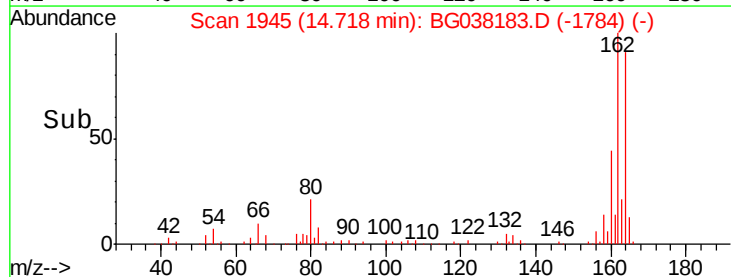
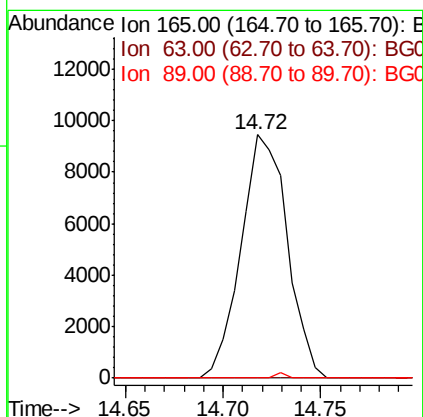
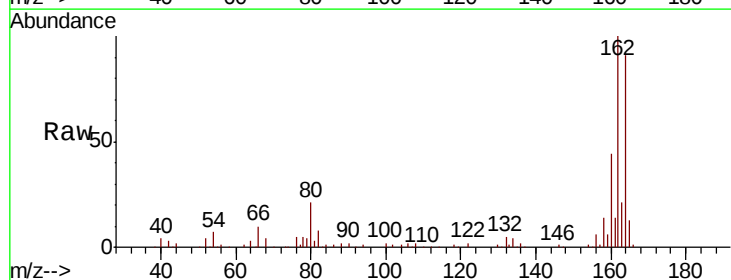
Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Tgt Ion:172 Resp: 751083
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.0 46.4
 170 24.6 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.169 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Tgt Ion:165 Resp: 15483
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.4 65.2#
 89 0.0 45.8 68.6#

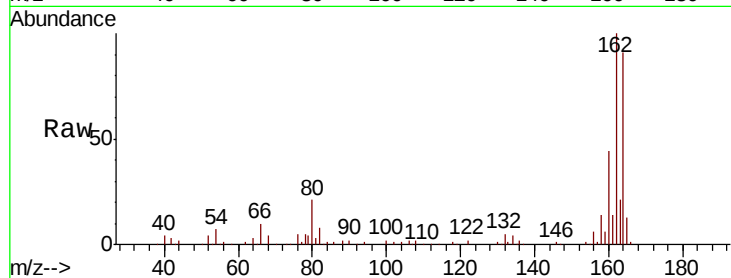




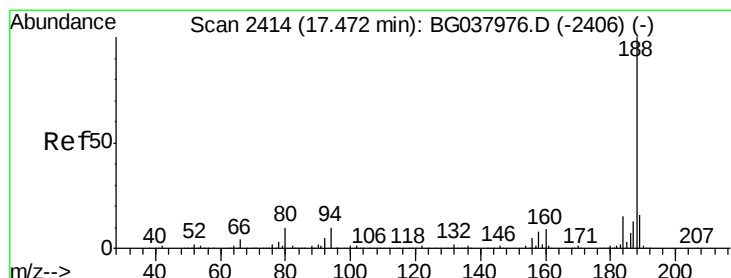
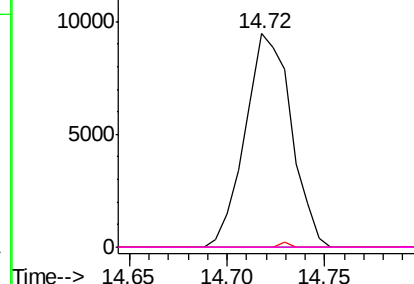
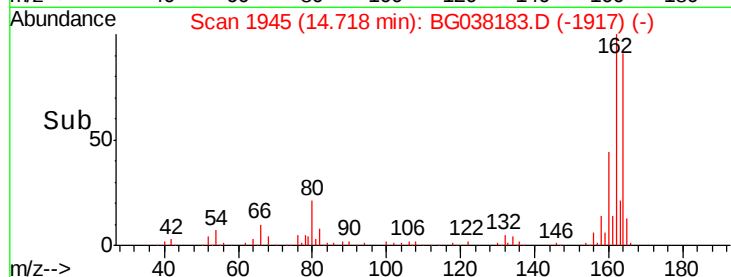
#57
 2,4-Dinitrotoluene
 Concen: 5.269 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Tgt 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#

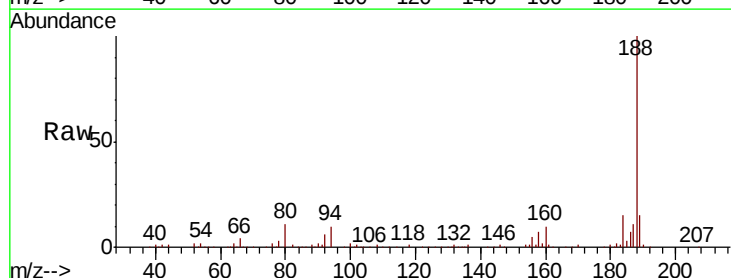


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

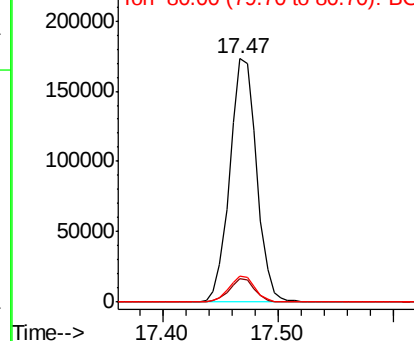
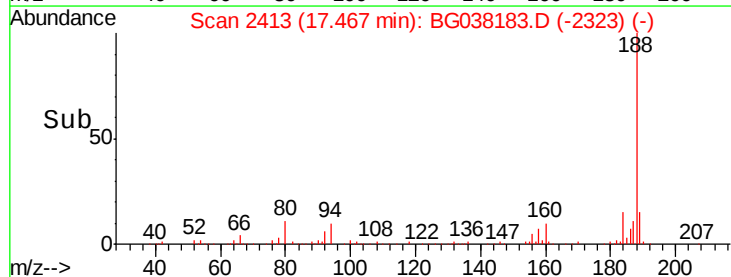


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.8	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

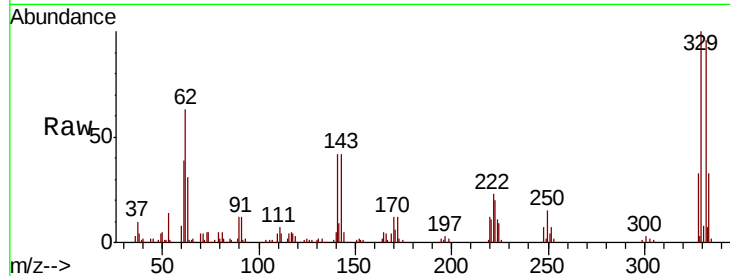




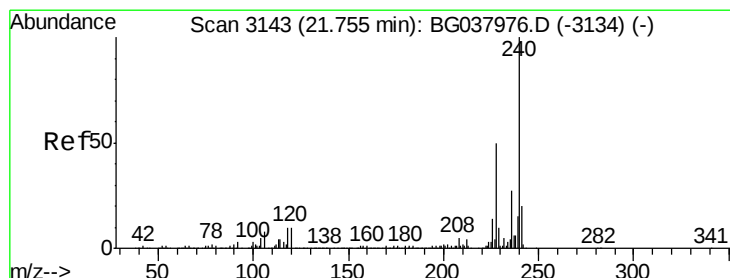
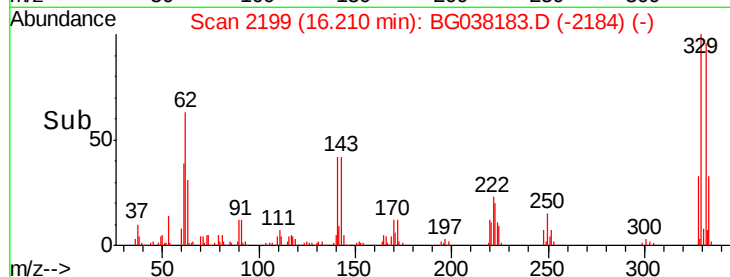
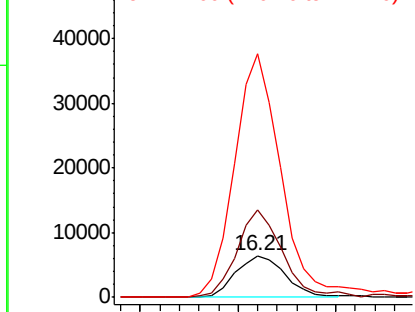
#67
 4-Bromophenyl-phenylether
 Concen: 3.701 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115087BL

Tgt Ion:248 Resp: 11325
 Ion Ratio Lower Upper
 248 100
 250 205.0 77.0 115.6#
 141 451.5 55.5 83.3#

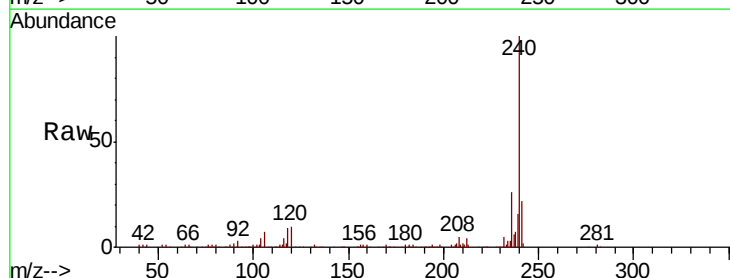


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

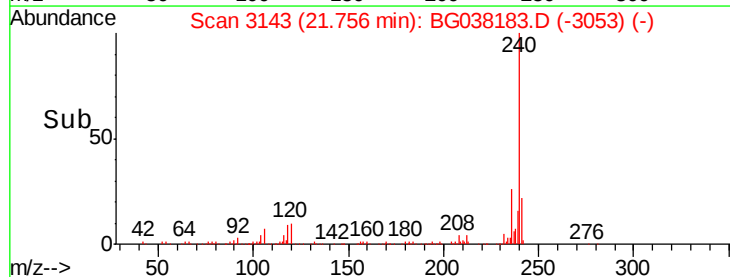
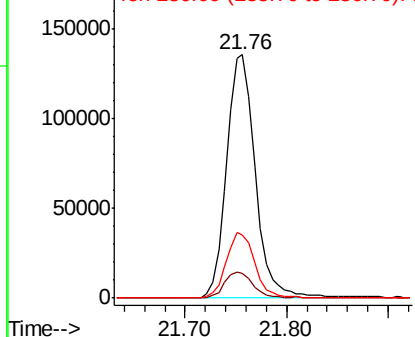


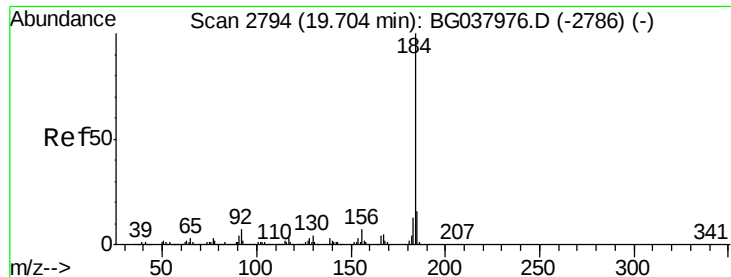
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038183.D
 Acq: 28 Nov 2018 1:33

Tgt Ion:240 Resp: 266183
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.1 12.1
 236 26.0 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: 2.193 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

Instrument :

BNA_G

ClientSampleId :

PB115087BL

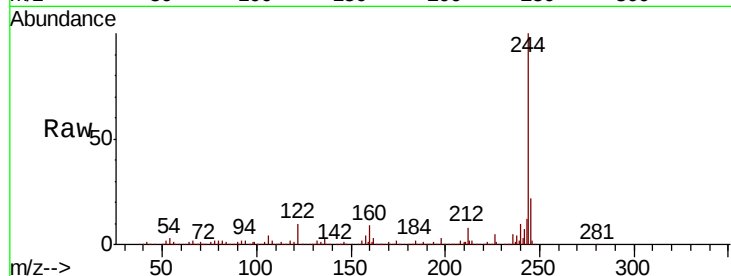
Tgt Ion:184 Resp: 20487

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

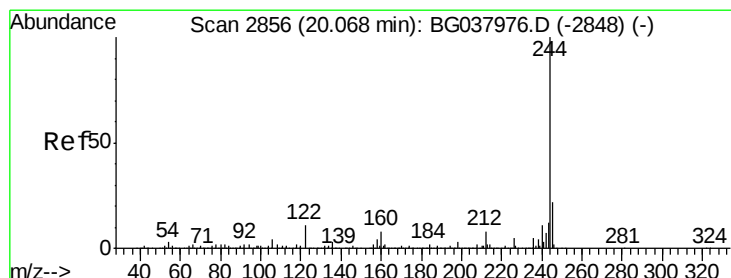
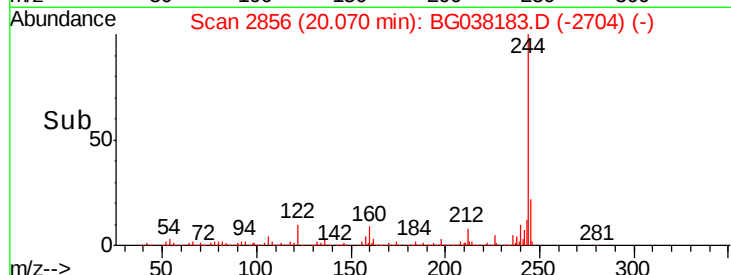
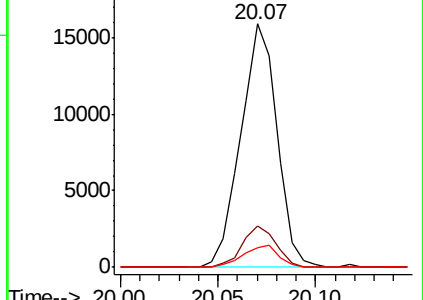
183 7.9 10.2 15.2#



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: 103.296 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038183.D

Acq: 28 Nov 2018 1:33

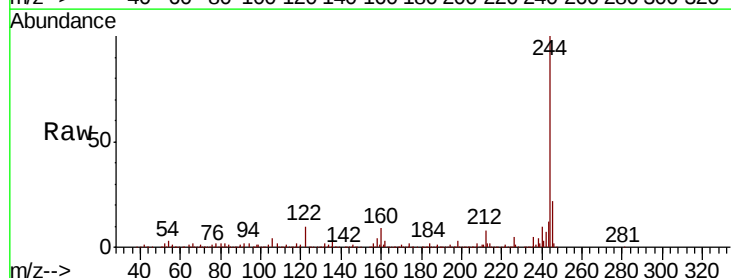
Tgt Ion:244 Resp: 1168529

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

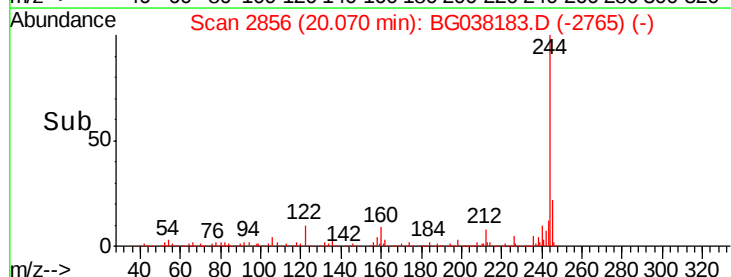
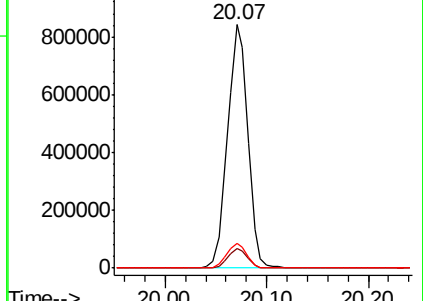
122 10.3 9.0 13.4

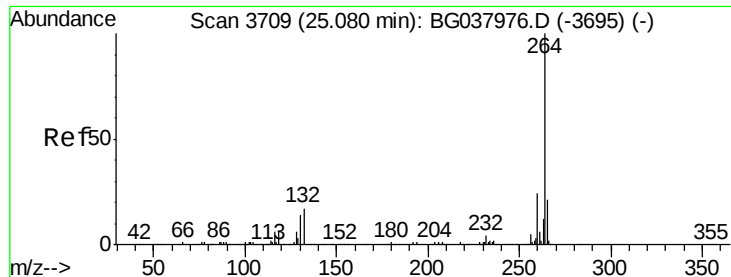


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038183.D
Acq: 28 Nov 2018 1:33

Instrument :
BNA_G
ClientSampleId :
PB115087BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.9	17.9	26.9

