

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112718\
 Data File : BG038181.D
 Acq On : 28 Nov 2018 00:14
 Operator : JU/SJ
 Sample : J5774-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-B

Quant Time: Nov 28 04:13:29 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

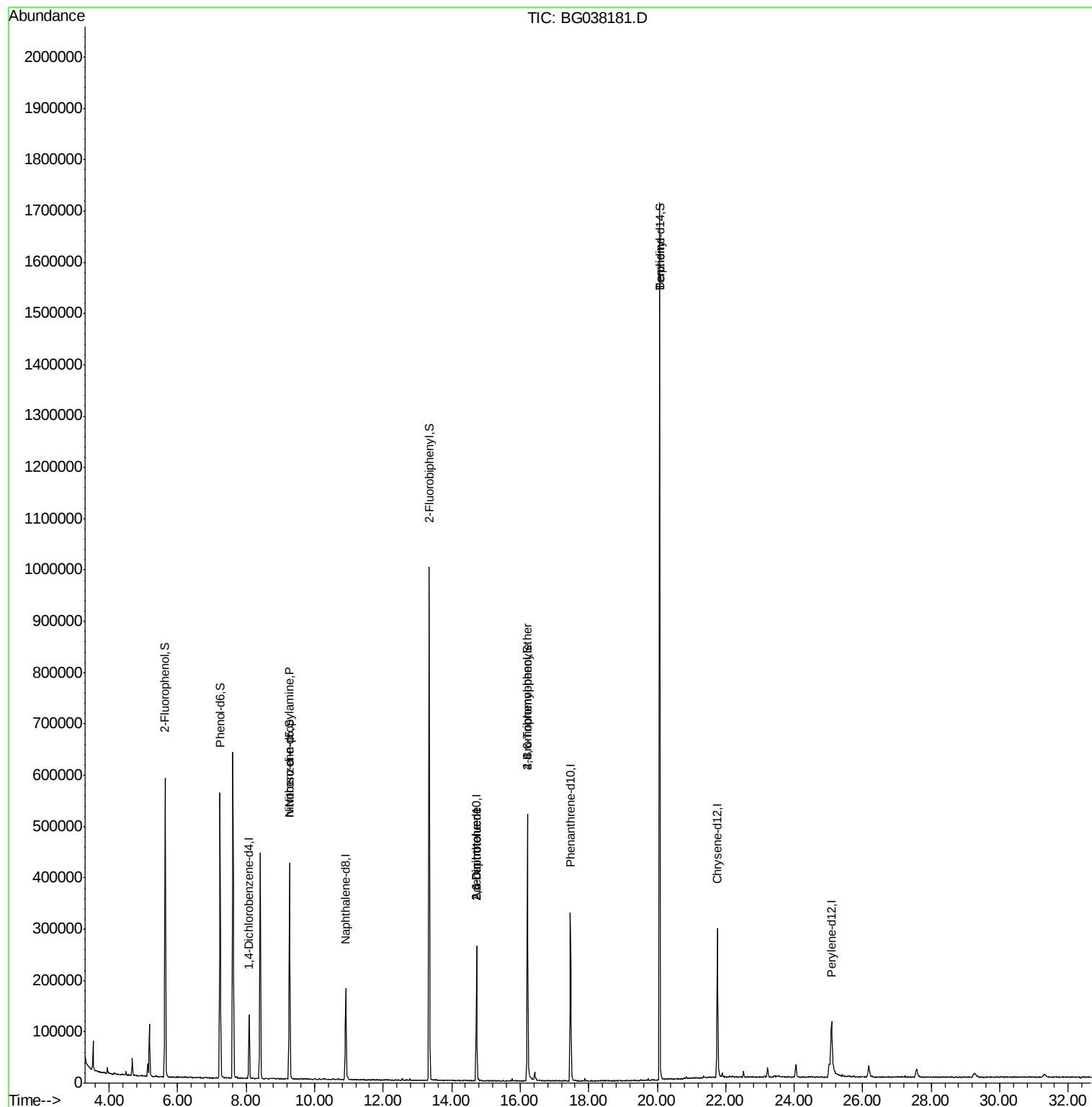
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37482	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	160199	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	97537	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	219173	20.00	ng	0.00
76) Chrysene-d12	21.76	240	203980	20.00	ng	0.00
87) Perylene-d12	25.09	264	163307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	263691	121.47	ng	0.00
7) Phenol-d6	7.24	99	340564	109.90	ng	0.00
23) Nitrobenzene-d5	9.26	82	258589	86.41	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	102193	91.87	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	526007	78.57	ng	0.00
79) Terphenyl-d14	20.07	244	833604	96.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	33130	14.775	ng	# 76
51) 2,6-Dinitrotoluene	14.72	165	12467	7.124	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12467	5.236	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	6819	2.835	ng	# 1
77) Benzidine	20.07	184	14632	2.044	ng	# 91

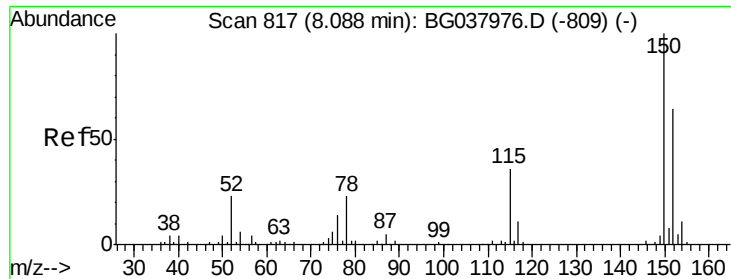
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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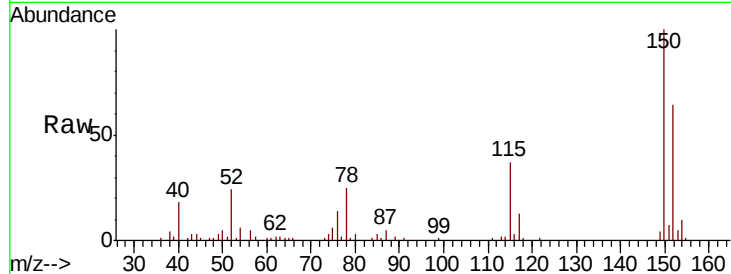


#1

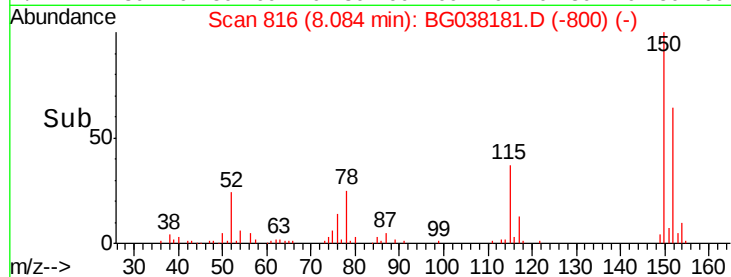
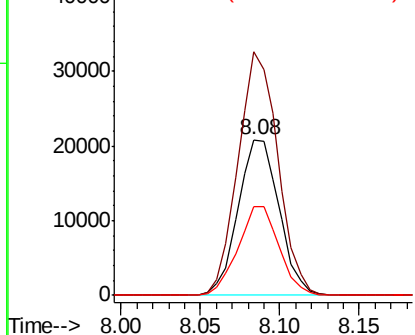
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-B

Tgt Ion:152 Resp: 37482
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.0 189.0
 115 57.0 45.5 68.3



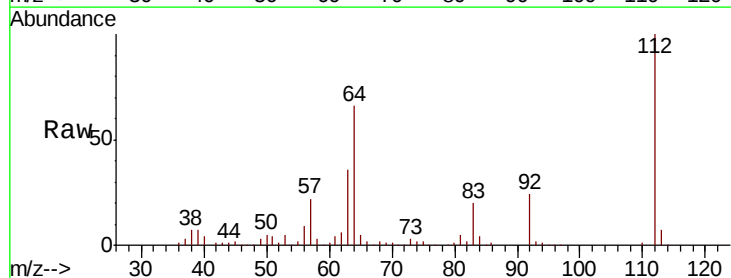
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



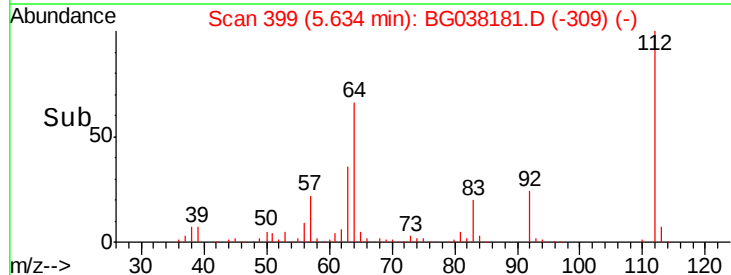
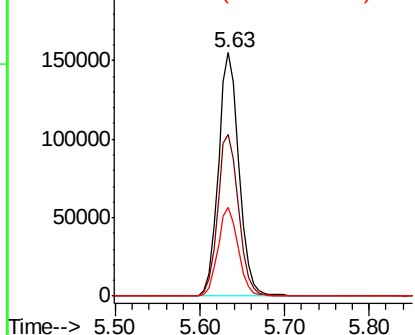
#5

2-Fluorophenol
 Concen: 121.466 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

Tgt Ion:112 Resp: 263691
 Ion Ratio Lower Upper
 112 100
 64 66.4 53.1 79.7
 63 36.5 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: 109.901 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038181.D

Acq: 28 Nov 2018 00:14

Instrument :

BNA_G

ClientSampleId :

SU-03-112118-B

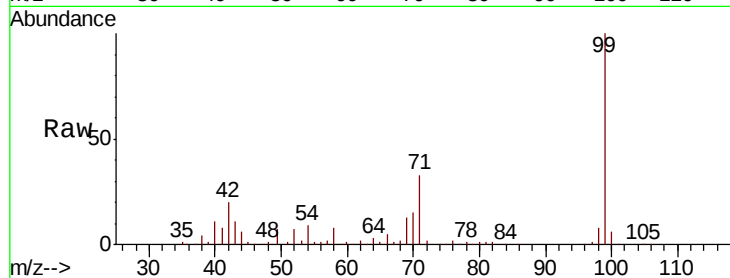
Tgt Ion: 99 Resp: 340564

Ion Ratio Lower Upper

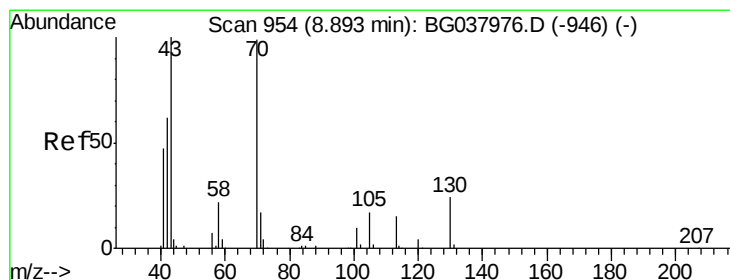
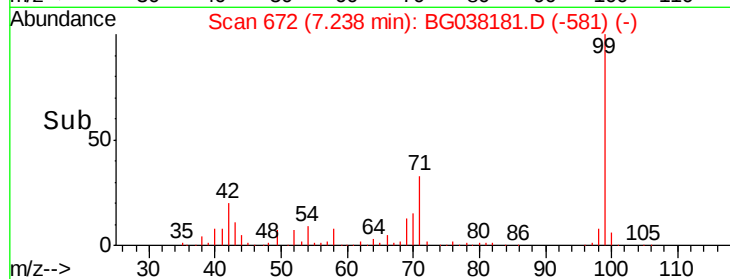
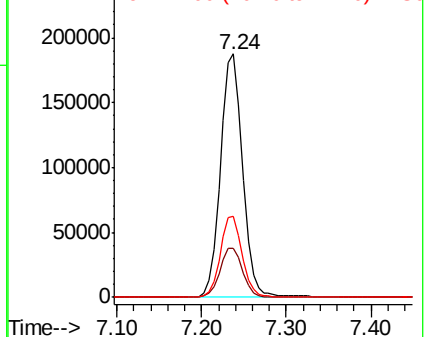
99 100

42 20.2 15.0 22.4

71 33.3 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: 14.775 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038181.D

Acq: 28 Nov 2018 00:14

Tgt Ion: 70 Resp: 33130

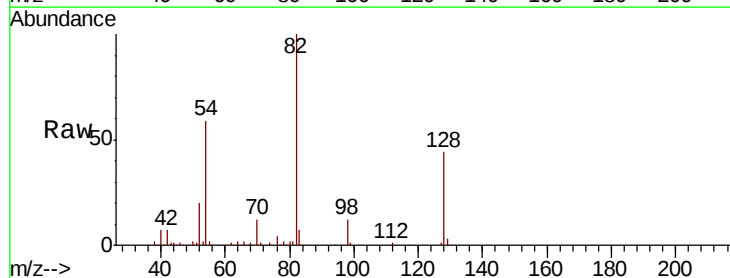
Ion Ratio Lower Upper

70 100

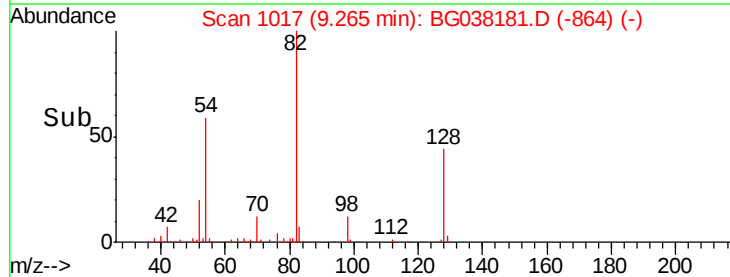
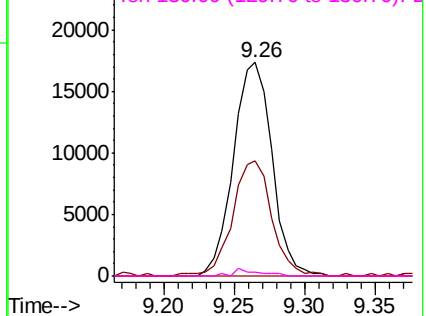
42 53.9 53.9 80.9

101 0.0 8.2 12.2#

130 1.9 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: BG038181.D

Acq: 28 Nov 2018 00:14

Instrument :

BNA_G

ClientSampleId :

SU-03-112118-B

Tgt Ion:136 Resp: 160199

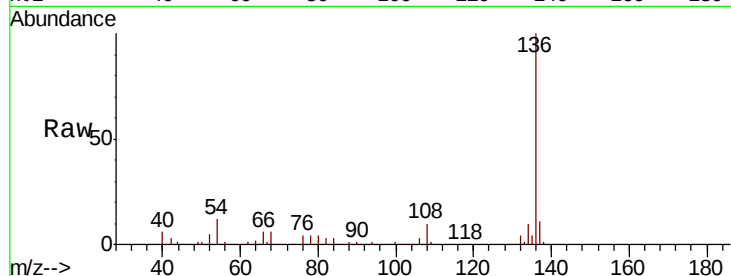
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 11.6 7.9 11.9

68 5.9 4.8 7.2

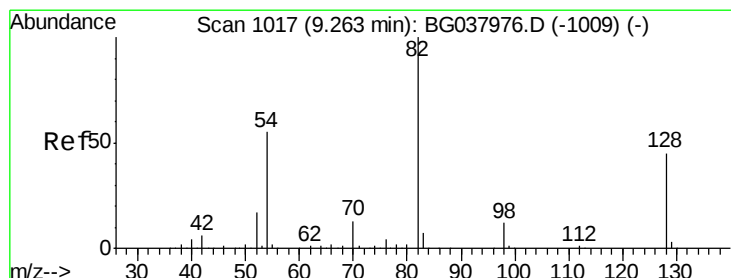
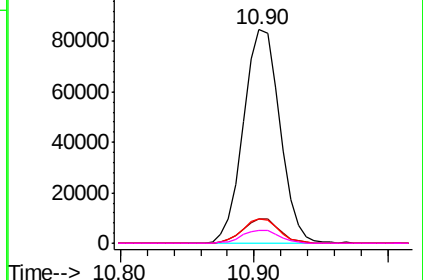
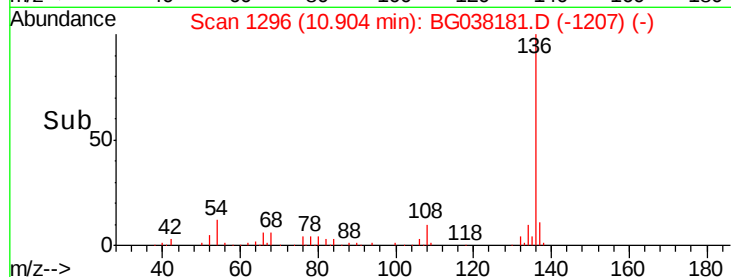


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.407 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038181.D

Acq: 28 Nov 2018 00:14

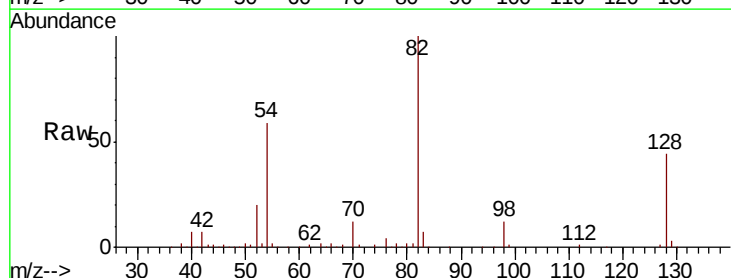
Tgt Ion: 82 Resp: 258589

Ion Ratio Lower Upper

82 100

128 43.8 34.6 51.8

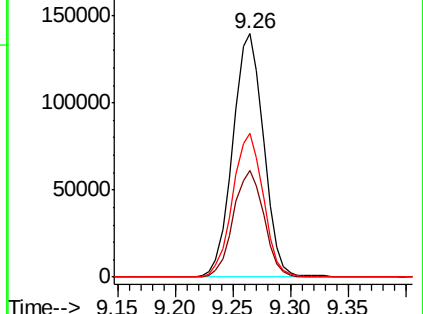
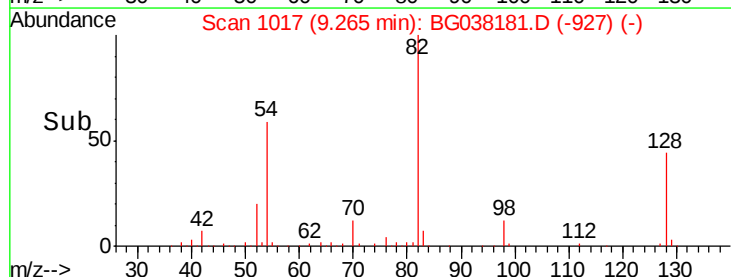
54 59.1 45.3 67.9

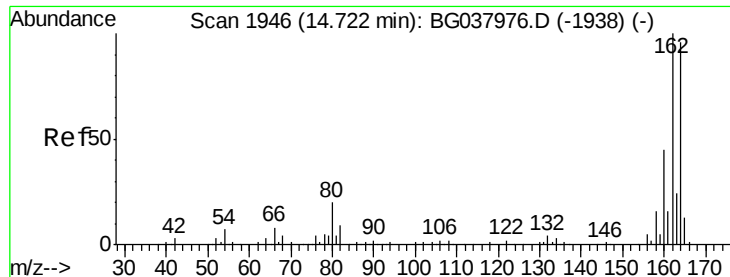


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG038181.D

Acq: 28 Nov 2018 00:14

Instrument :

BNA_G

ClientSampleId :

SU-03-112118-B

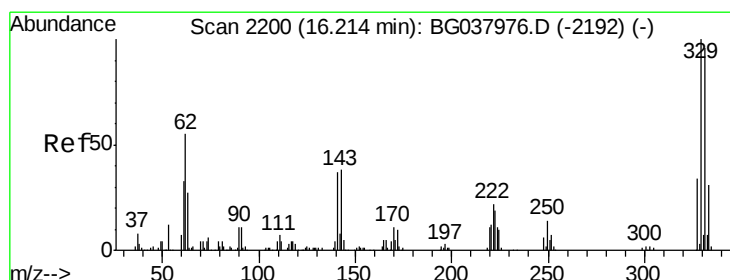
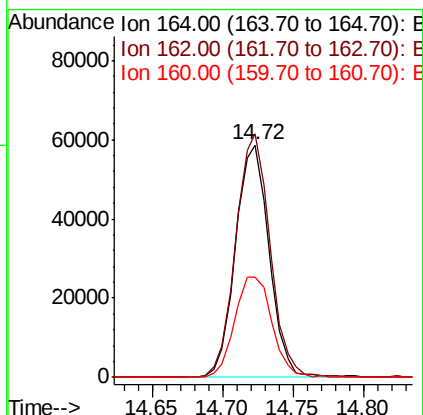
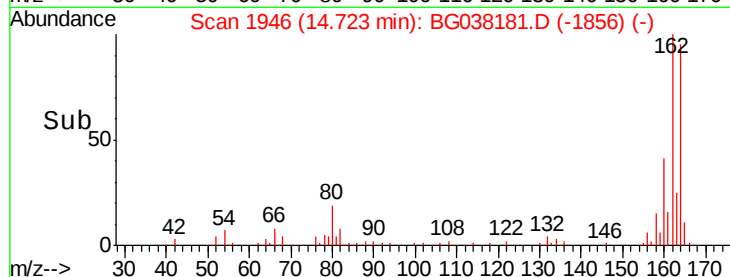
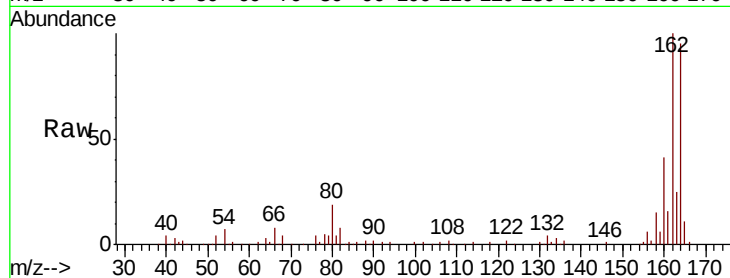
Tgt Ion:164 Resp: 97537

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

160 43.1 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 91.868 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038181.D

Acq: 28 Nov 2018 00:14

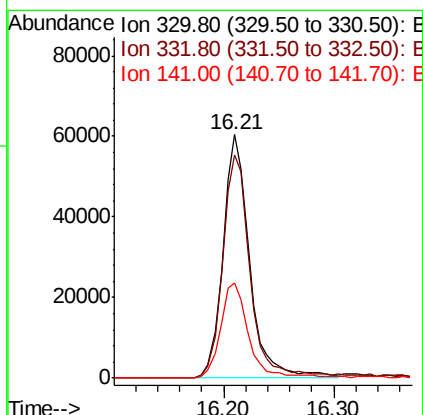
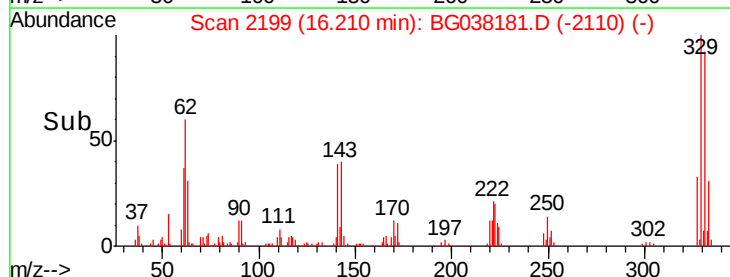
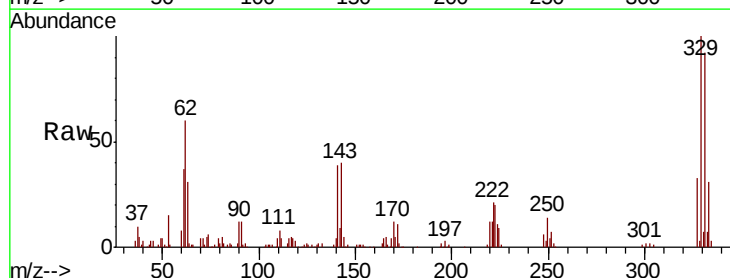
Tgt Ion:330 Resp: 102193

Ion Ratio Lower Upper

330 100

332 95.2 78.4 117.6

141 40.8 32.2 48.2

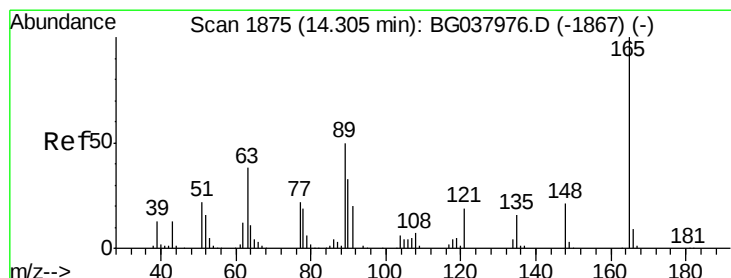
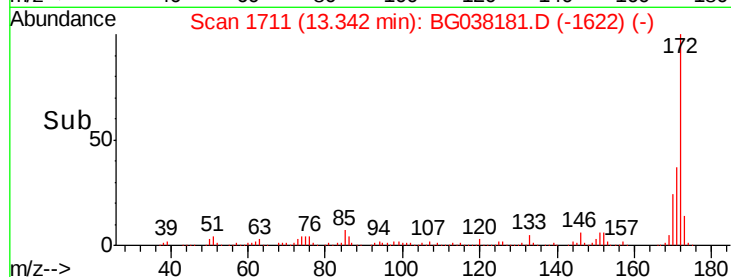
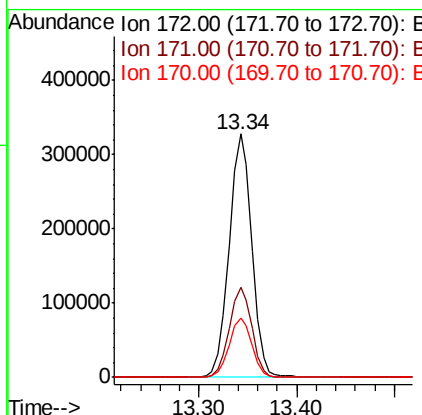
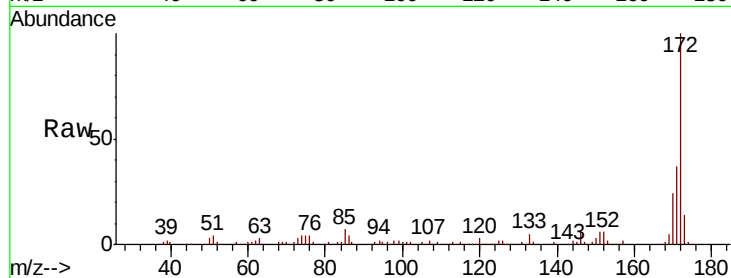




#45
 2-Fluorobiphenyl
 Concen: 78.566 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

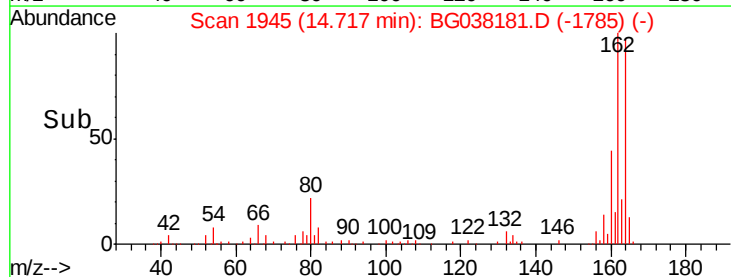
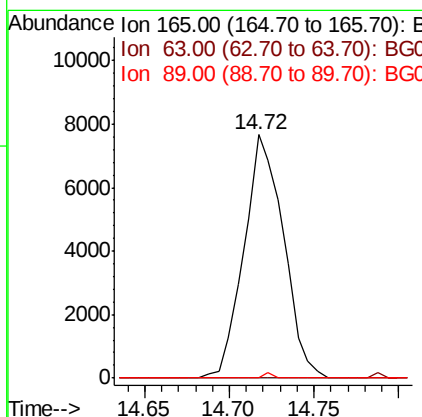
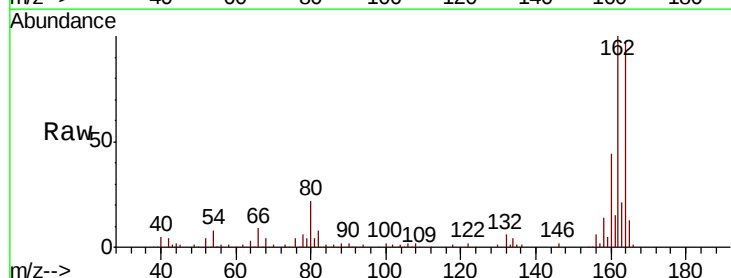
Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.0	46.4
170	24.3	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.124 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

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

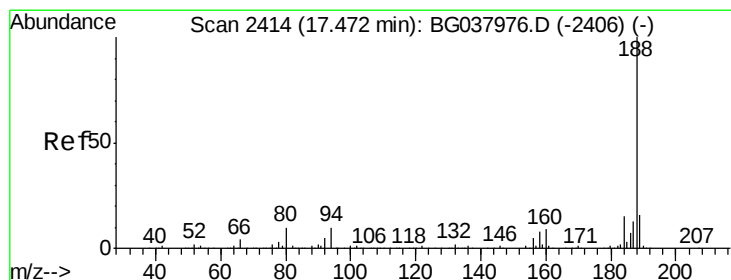
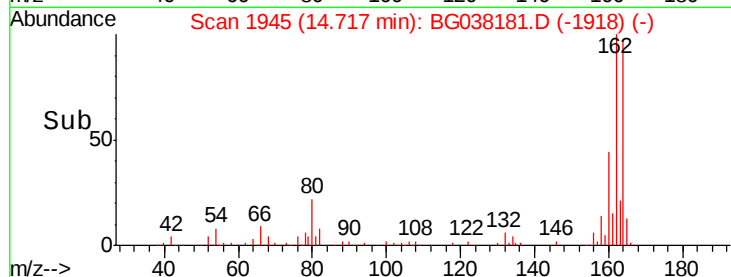
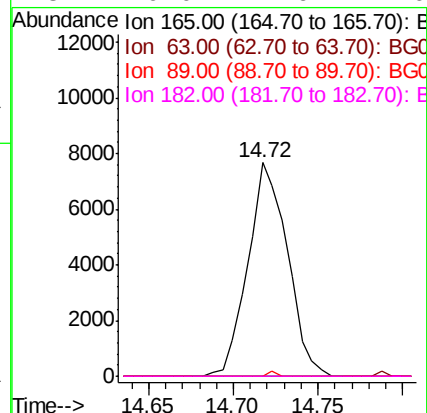
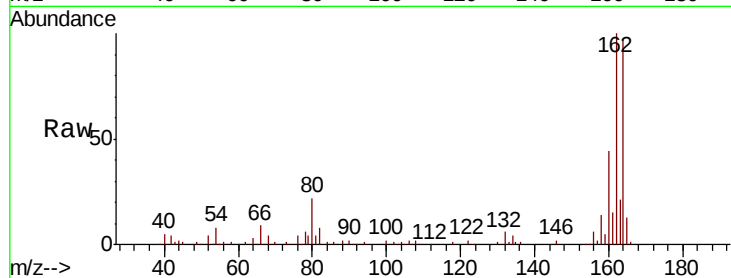




#57
 2,4-Dinitrotoluene
 Concen: 5.236 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

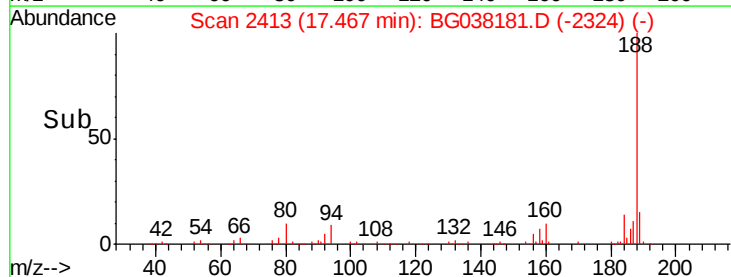
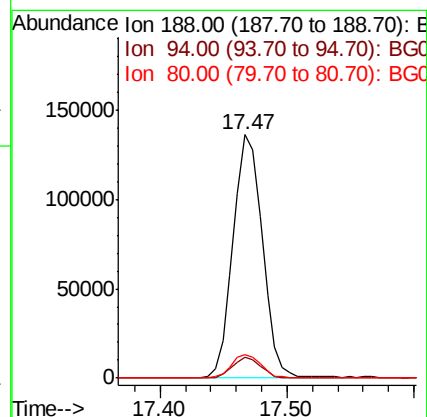
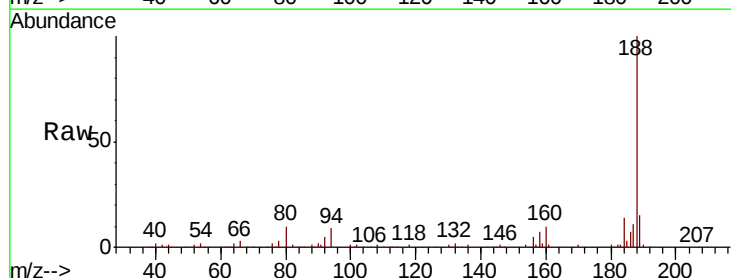
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-B

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#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.9	7.7	11.5

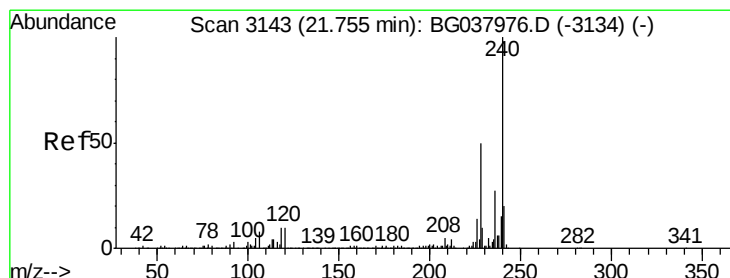
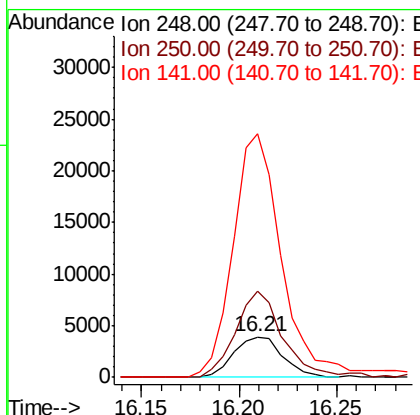
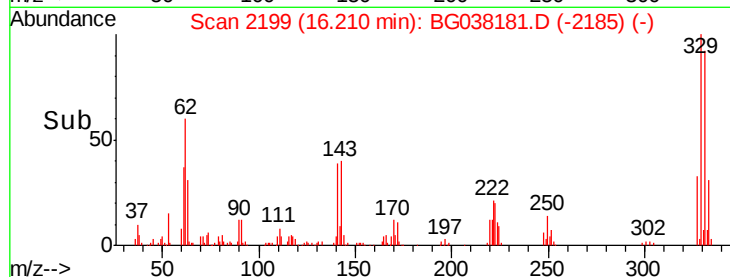
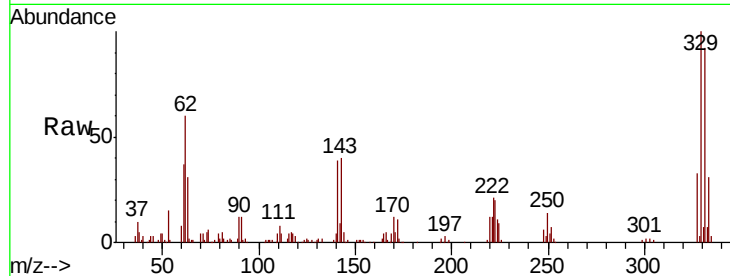




#67
 4-Bromophenyl-phenylether
 Concen: 2.835 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

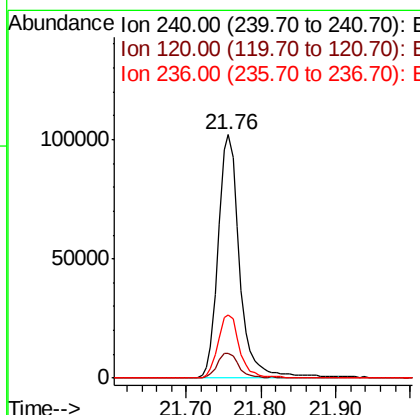
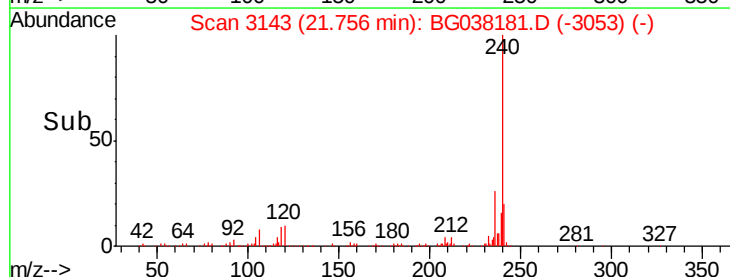
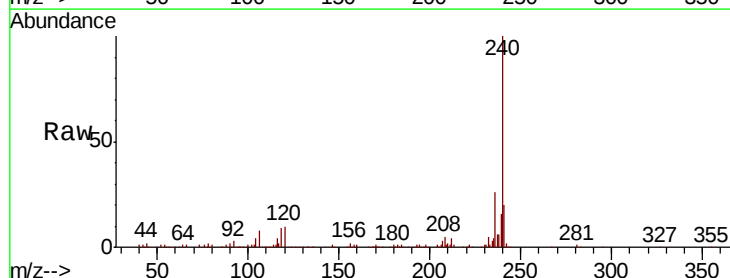
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-112118-B

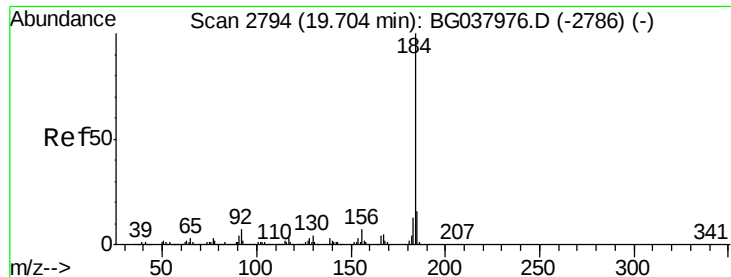
Tgt Ion:248 Resp: 6819
 Ion Ratio Lower Upper
 248 100
 250 198.9 77.0 115.6#
 141 427.3 55.5 83.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038181.D
 Acq: 28 Nov 2018 00:14

Tgt Ion:240 Resp: 203980
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.1 12.1
 236 26.1 21.4 32.0





#77

Benzidine

Concen: 2.044 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG038181.D

Acq: 28 Nov 2018 00:14

Instrument :

BNA_G

ClientSampleId :

SU-03-112118-B

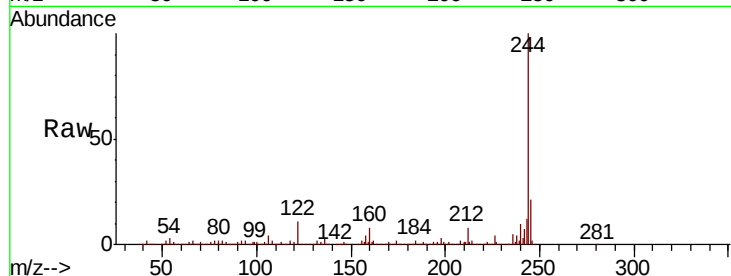
Tgt Ion:184 Resp: 14632

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

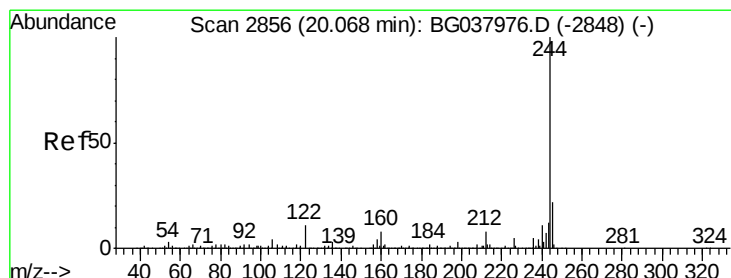
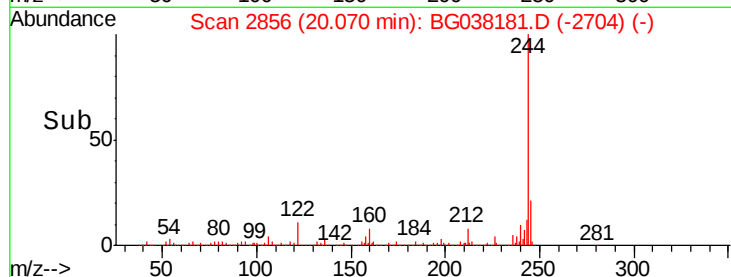
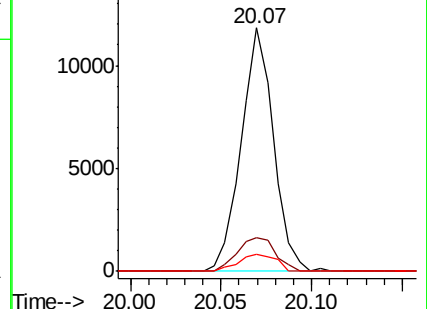
183 6.8 10.2 15.2#



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: 96.160 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038181.D

Acq: 28 Nov 2018 00:14

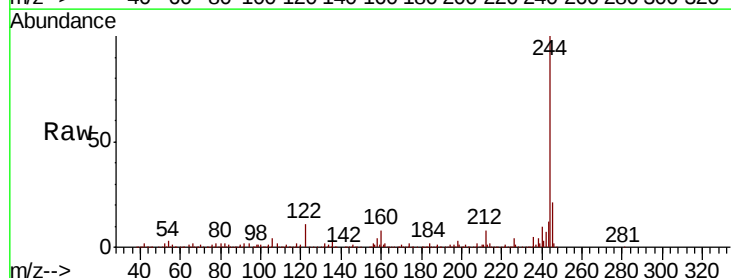
Tgt Ion:244 Resp: 833604

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

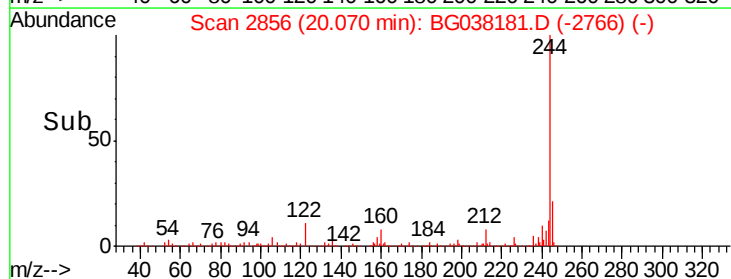
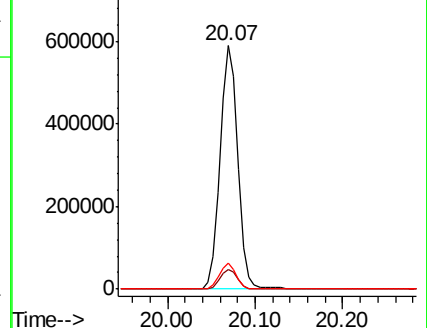
122 10.5 9.0 13.4

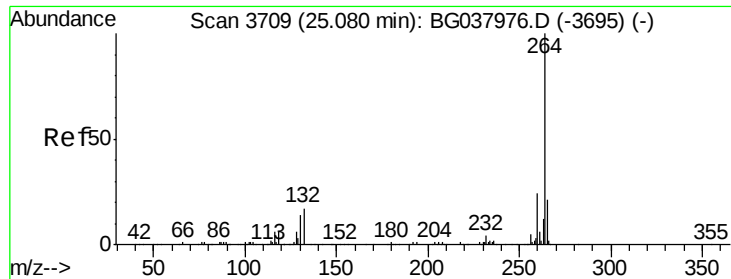


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3710
Delta R.T. 0.01 min
Lab File: BG038181.D
Acq: 28 Nov 2018 00:14

Instrument :
BNA_G
ClientSampleId :
SU-03-112118-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	23.0	17.9	26.9

