

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038129.D
 Acq On : 21 Nov 2018 22:53
 Operator : JU/SJ
 Sample : J5772-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-112018-A

Quant Time: Nov 22 01:23:47 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

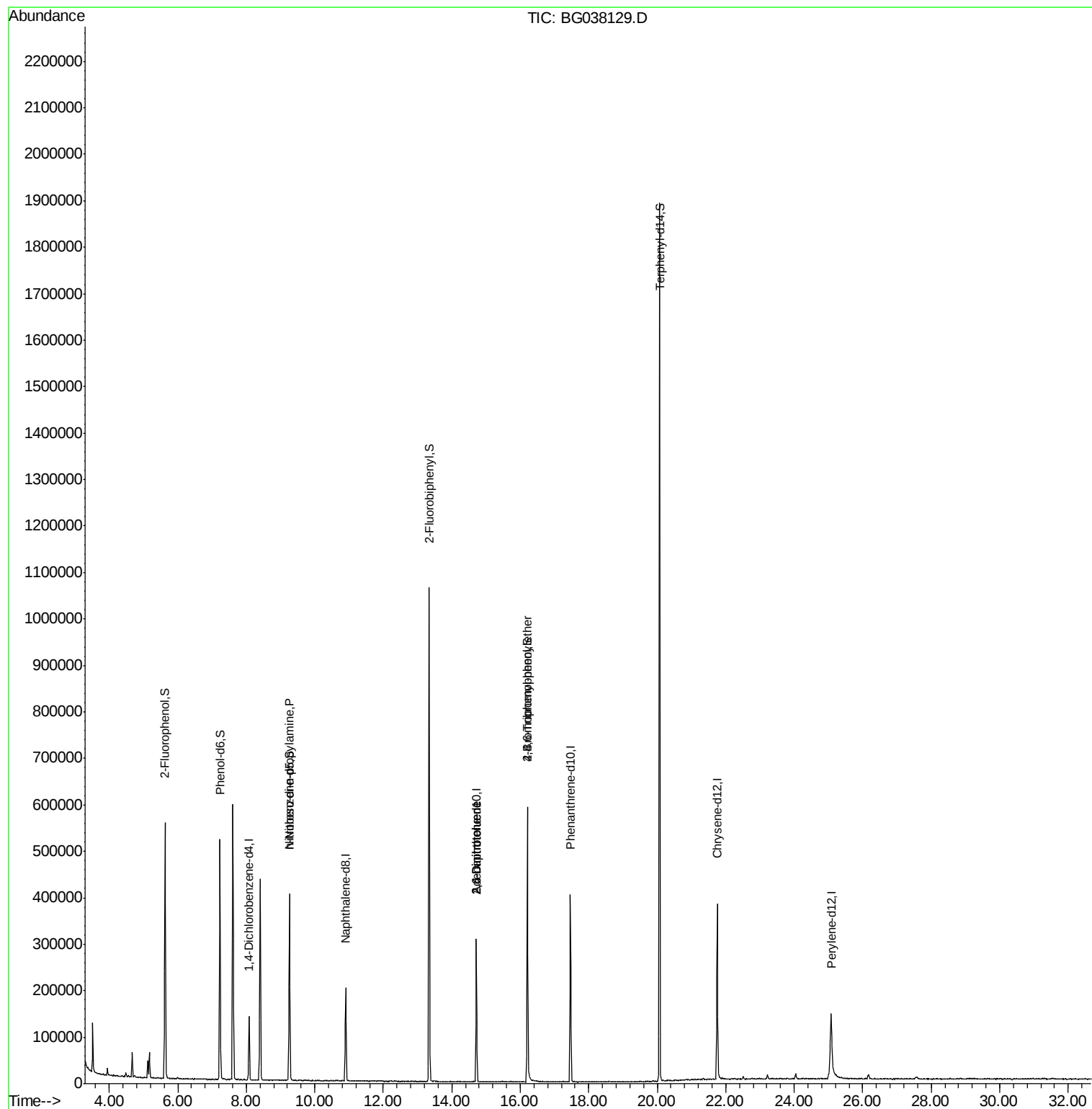
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39167	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	174822	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	111932	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	256648	20.00	ng	0.00
76) Chrysene-d12	21.75	240	246712	20.00	ng	0.00
87) Perylene-d12	25.07	264	218568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	248259	109.44	ng	0.00
7) Phenol-d6	7.23	99	315655	97.48	ng	0.00
23) Nitrobenzene-d5	9.26	82	254849	78.03	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	119777	93.83	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	574381	74.76	ng	0.00
79) Terphenyl-d14	20.07	244	909343	86.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	32501	13.871	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	13936	6.939	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	13936	5.100	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	8316	2.952	ng	# 1

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

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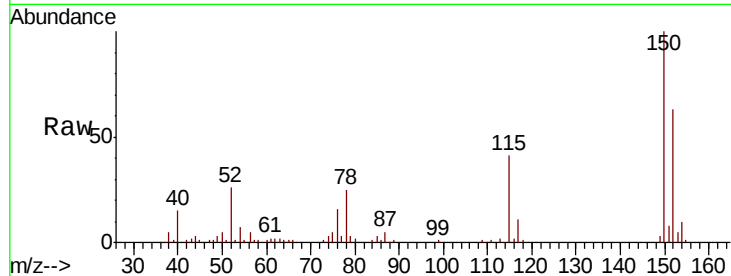


#1

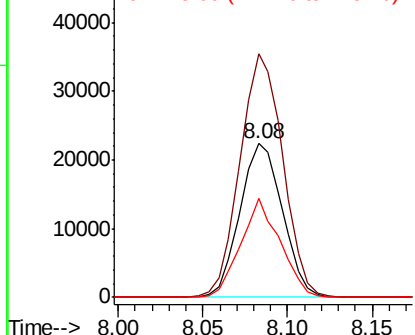
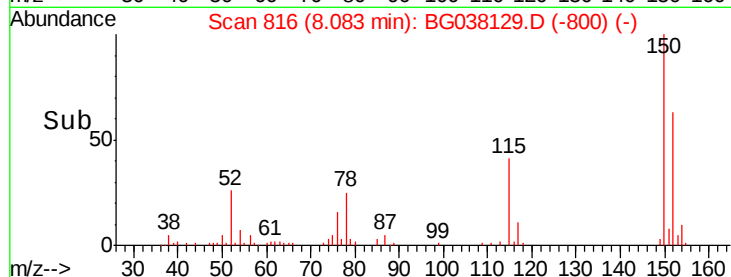
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038129.D
 Acq: 21 Nov 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-112018-A

Tgt Ion:152 Resp: 39167
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.0 189.0
 115 64.4 45.5 68.3



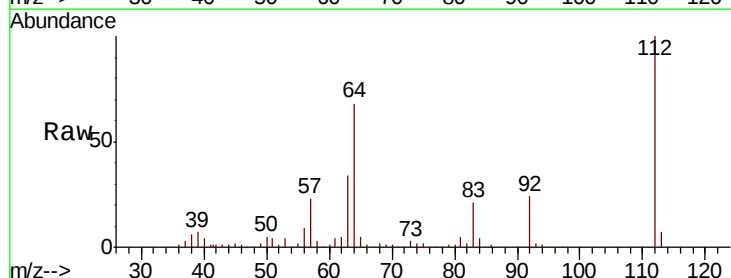
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



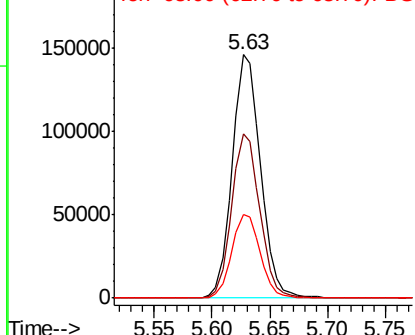
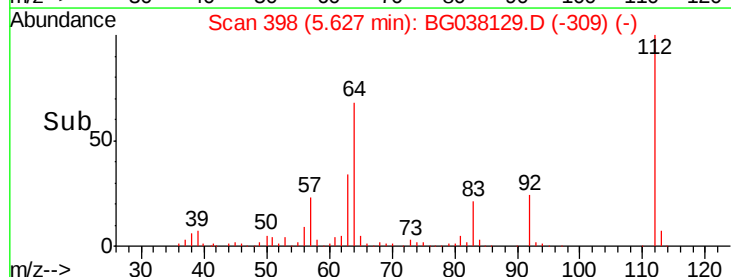
#5

2-Fluorophenol
 Concen: 109.438 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038129.D
 Acq: 21 Nov 2018 22:53

Tgt Ion:112 Resp: 248259
 Ion Ratio Lower Upper
 112 100
 64 67.6 53.1 79.7
 63 34.5 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: 97.480 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038129.D

Acq: 21 Nov 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-01-112018-A

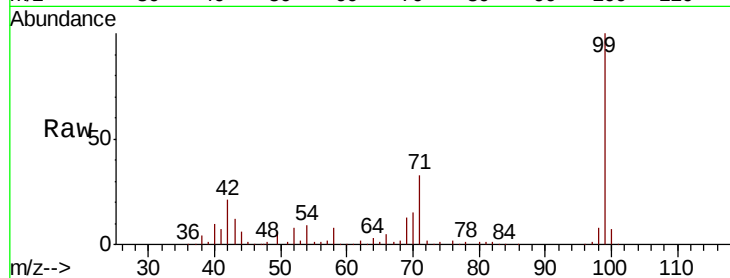
Tgt Ion: 99 Resp: 315655

Ion Ratio Lower Upper

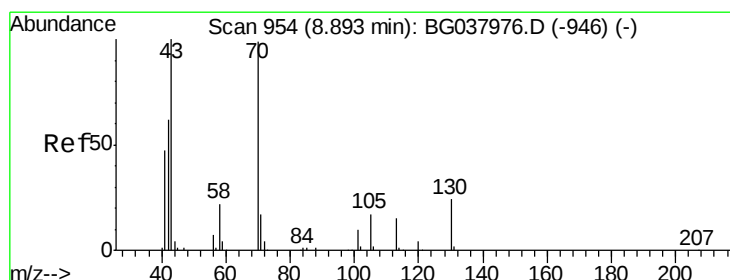
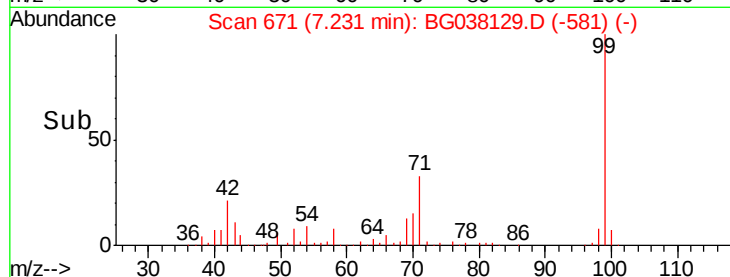
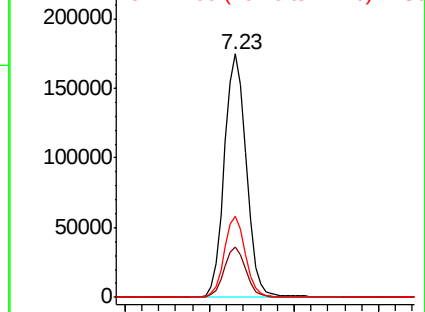
99 100

42 20.5 15.0 22.4

71 33.2 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: 13.871 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038129.D

Acq: 21 Nov 2018 22:53

Tgt Ion: 70 Resp: 32501

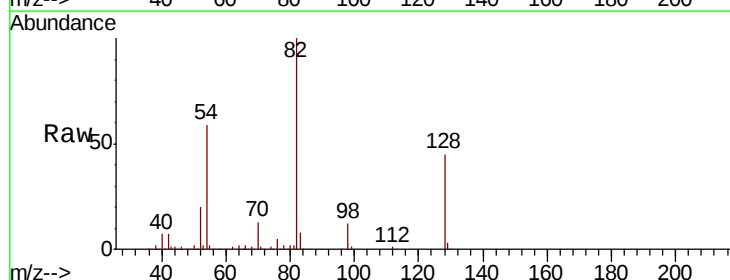
Ion Ratio Lower Upper

70 100

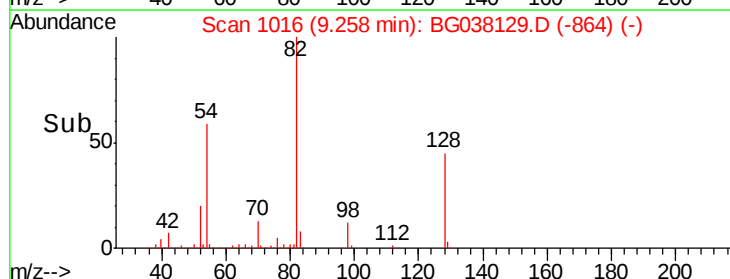
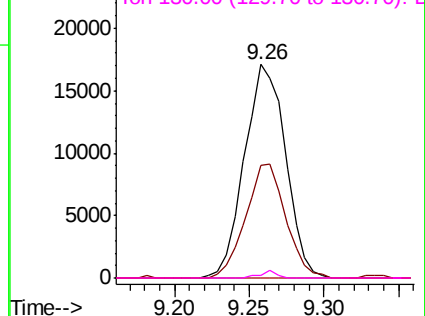
42 52.7 53.9 80.9#

101 0.0 8.2 12.2#

130 1.2 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

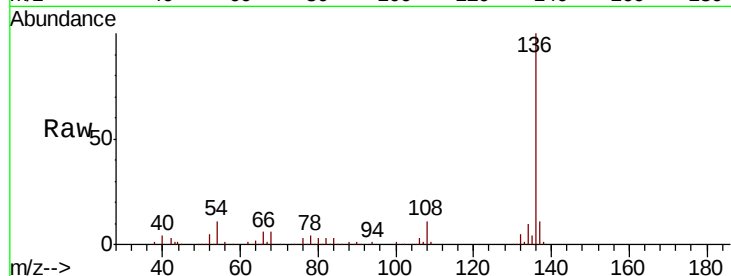




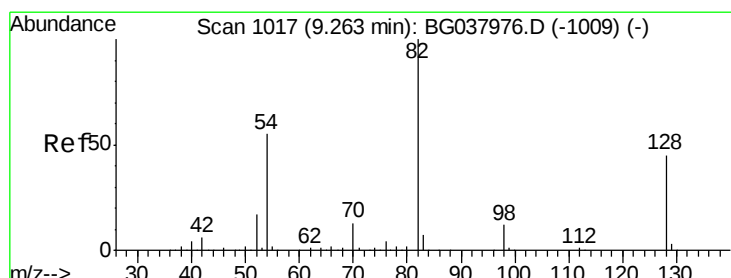
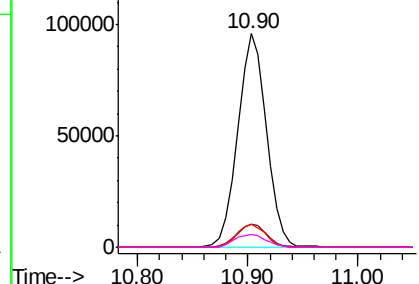
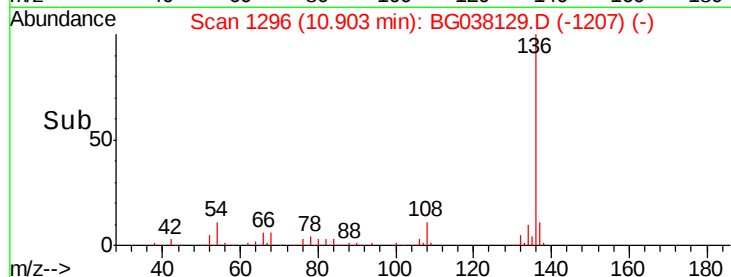
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038129.D
Acq: 21 Nov 2018 22:53

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-A

Tgt Ion:	136	Resp:	174822
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	11.0	7.9	11.9
68	6.2	4.8	7.2

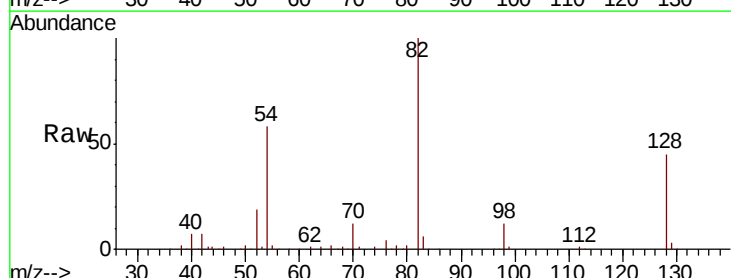


Abundance Ion 136.00 (135.70 to 136.70): E
150000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

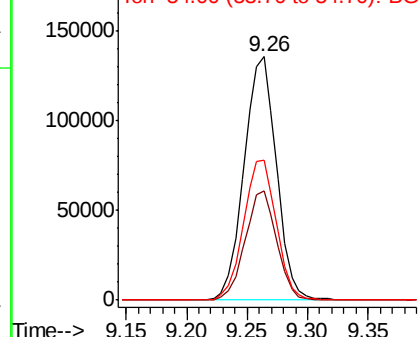
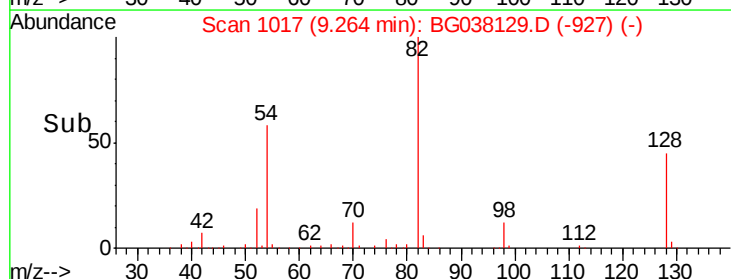


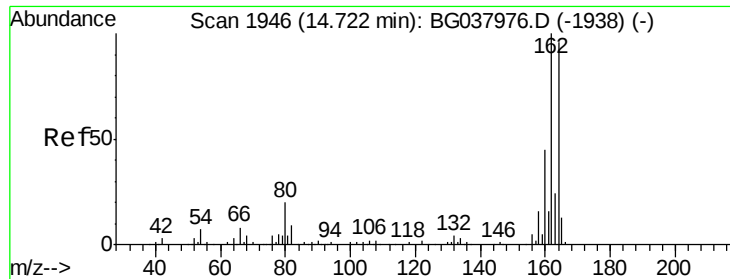
#23
Nitrobenzene-d5
Concen: 78.035 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038129.D
Acq: 21 Nov 2018 22:53

Tgt Ion:	82	Resp:	254849
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	57.6	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
150000
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: BG038129.D

Acq: 21 Nov 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-01-112018-A

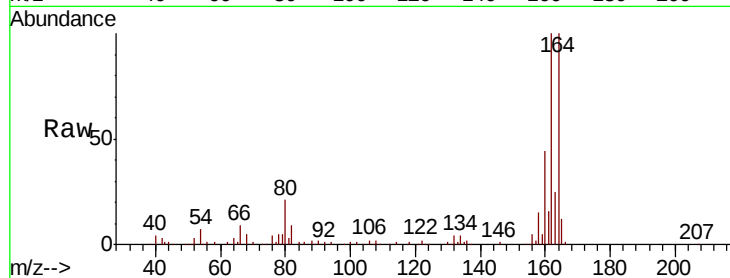
Tgt Ion:164 Resp: 111932

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

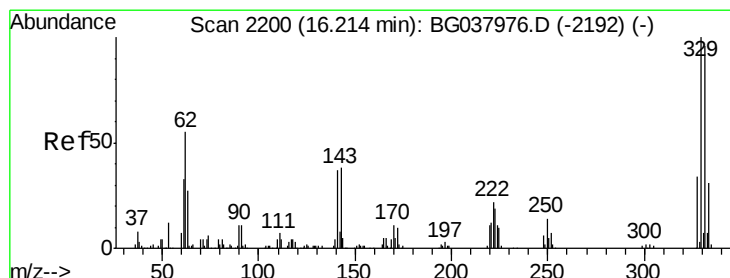
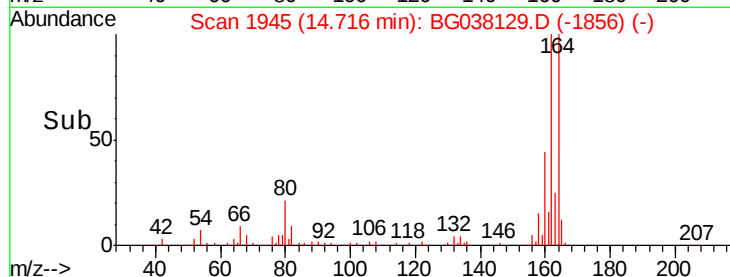
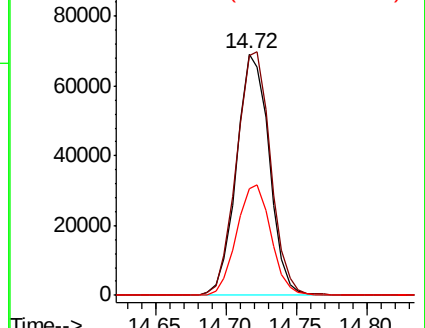
160 44.2 36.3 54.5



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: 93.828 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038129.D

Acq: 21 Nov 2018 22:53

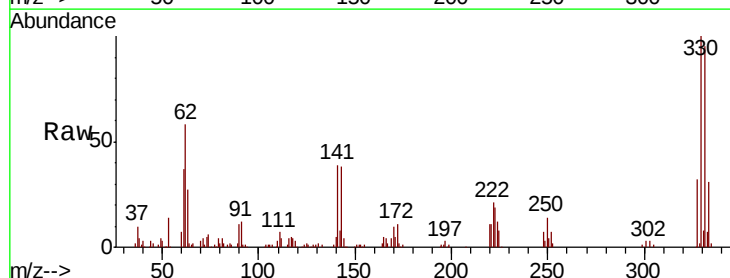
Tgt Ion:330 Resp: 119777

Ion Ratio Lower Upper

330 100

332 93.6 78.4 117.6

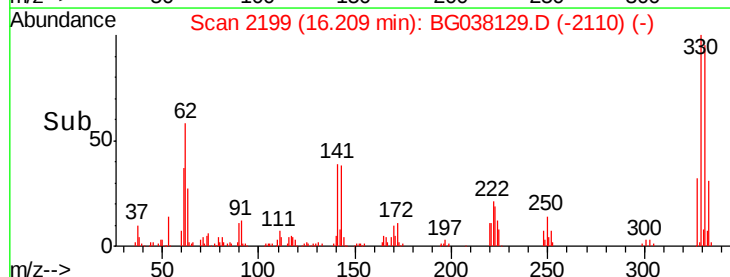
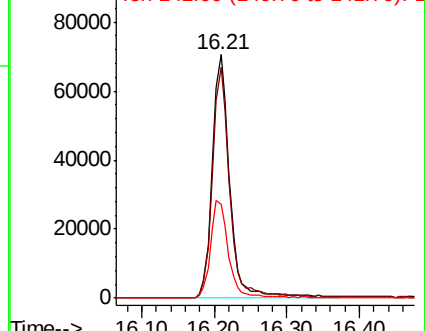
141 40.0 32.2 48.2



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

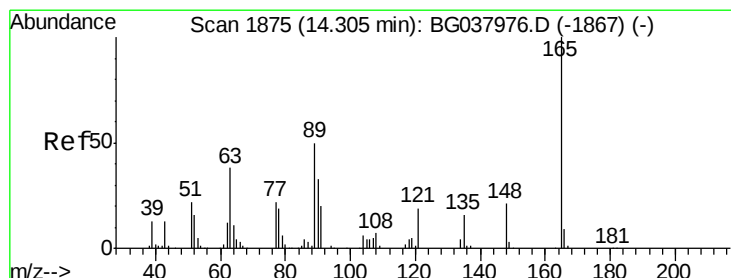
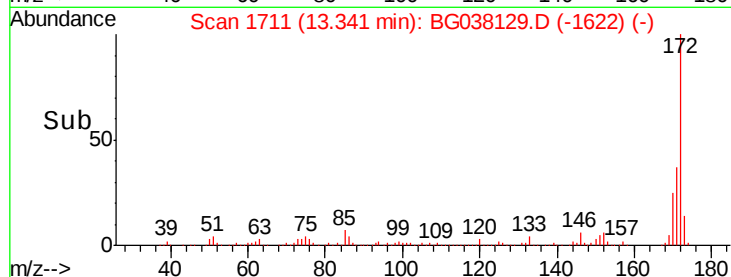
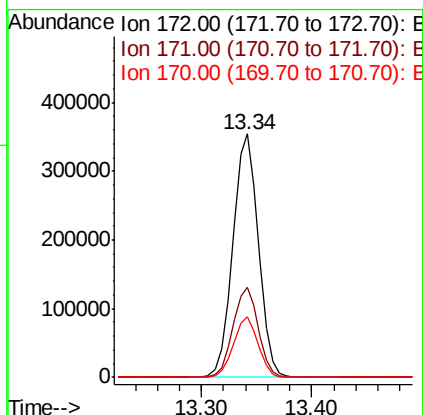
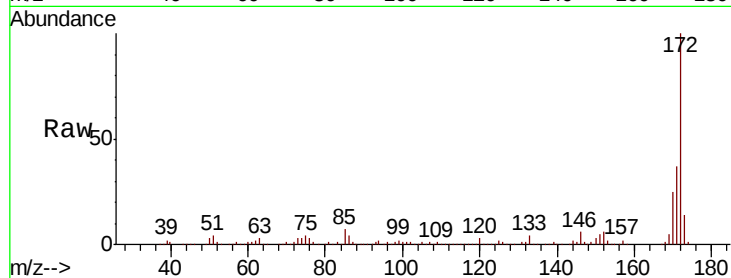




#45
 2-Fluorobiphenyl
 Concen: 74.759 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038129.D
 Acq: 21 Nov 2018 22:53

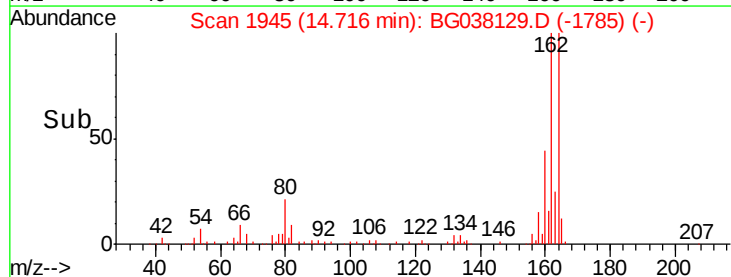
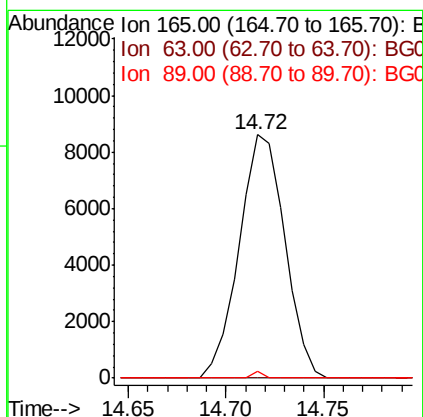
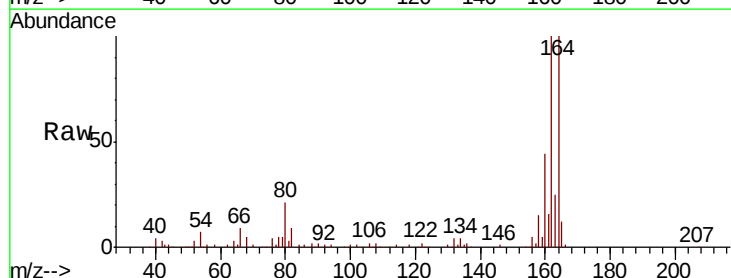
Instrument :
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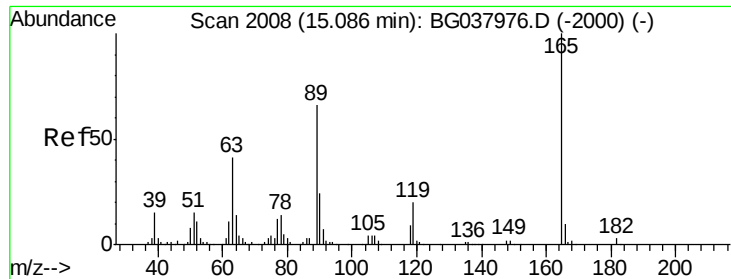
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.0	46.4
170	24.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 6.939 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038129.D
 Acq: 21 Nov 2018 22:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.9	45.8	68.6#

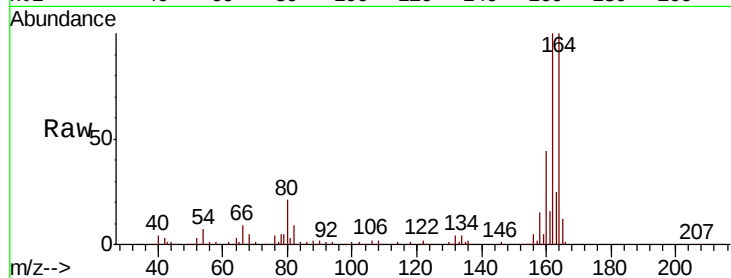




#57
2,4-Dinitrotoluene
Concen: 5.100 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038129.D
Acq: 21 Nov 2018 22:53

Instrument :
BNA_G
ClientSampleId :
PL-01-112018-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.9	57.2	85.8#
182	0.0	2.6	4.0#

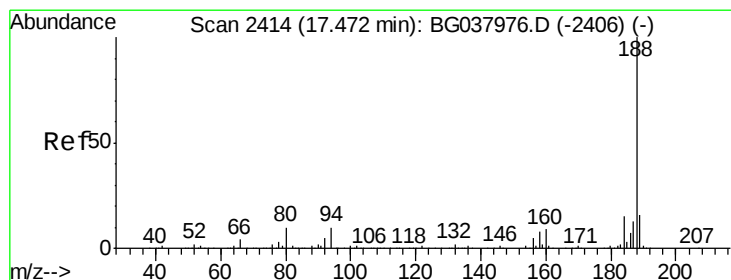
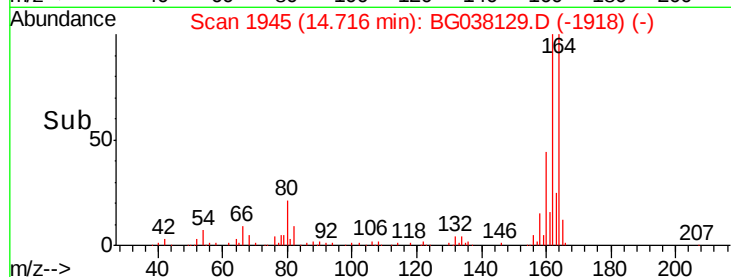
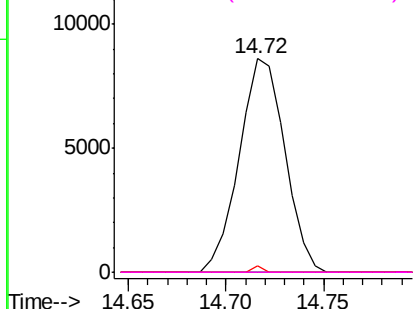


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

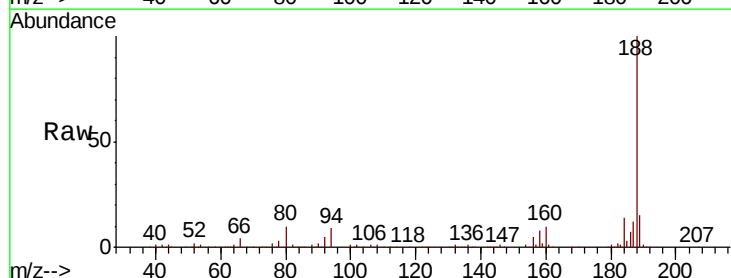
Ion 89.00 (88.70 to 89.70): BGC

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: BG038129.D
Acq: 21 Nov 2018 22:53

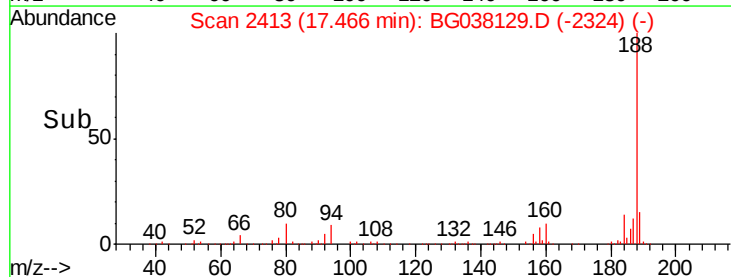
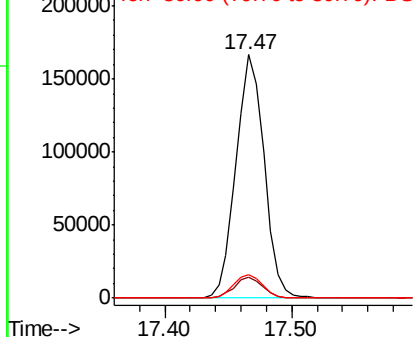
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	7.7	11.5

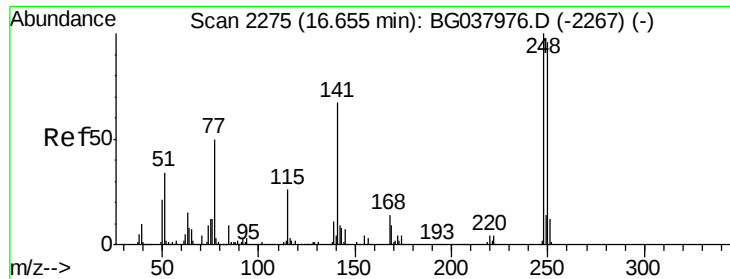


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

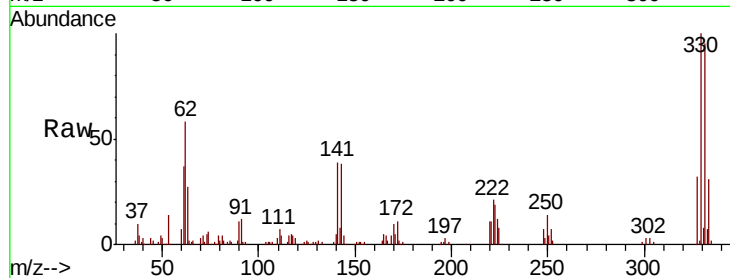




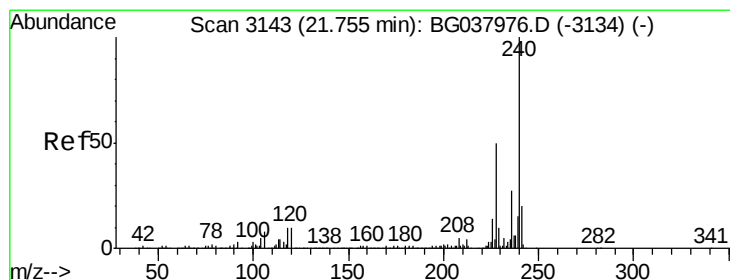
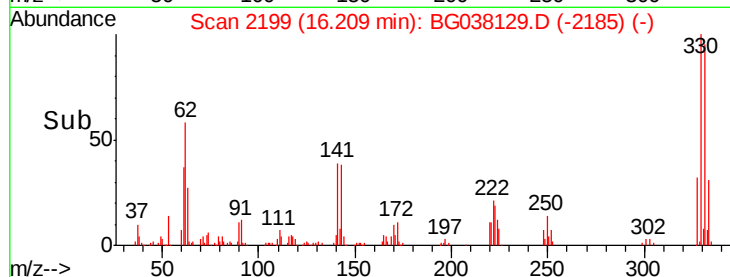
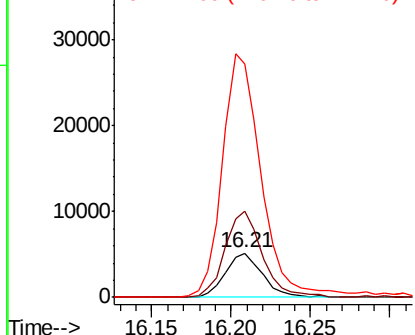
#67
 4-Bromophenyl-phenylether
 Concen: 2.952 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038129.D
 Acq: 21 Nov 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-112018-A

Tgt Ion:248 Resp: 8316
 Ion Ratio Lower Upper
 248 100
 250 186.3 77.0 115.6#
 141 388.7 55.5 83.3#

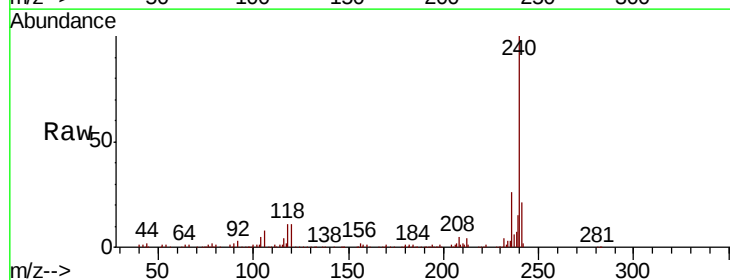


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

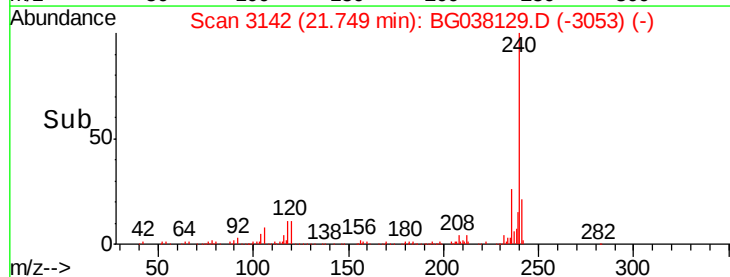
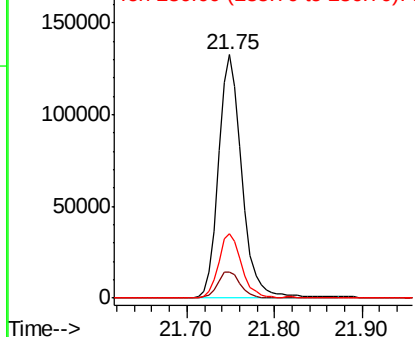


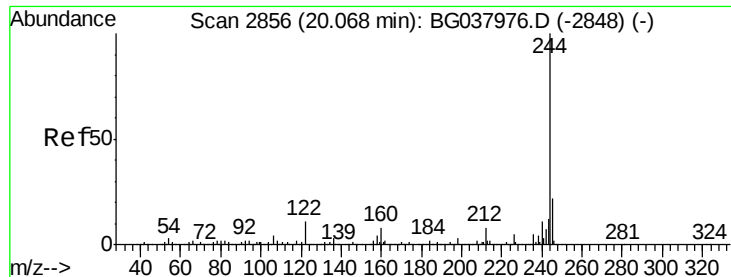
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038129.D
 Acq: 21 Nov 2018 22:53

Tgt Ion:240 Resp: 246712
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.1 12.1
 236 26.4 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: 86.728 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038129.D

Acq: 21 Nov 2018 22:53

Instrument :

BNA_G

ClientSampleId :

PL-01-112018-A

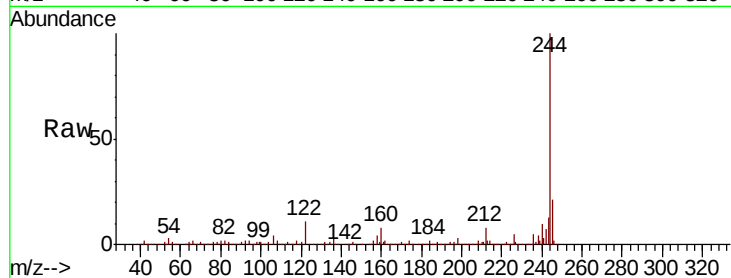
Tgt Ion:244 Resp: 909343

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

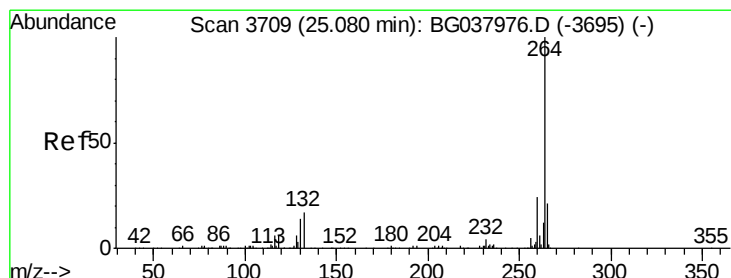
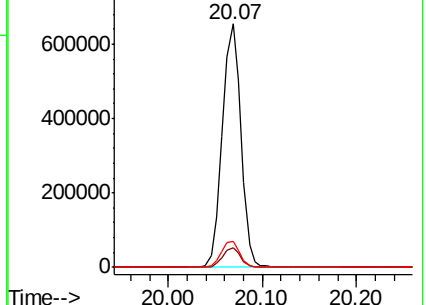
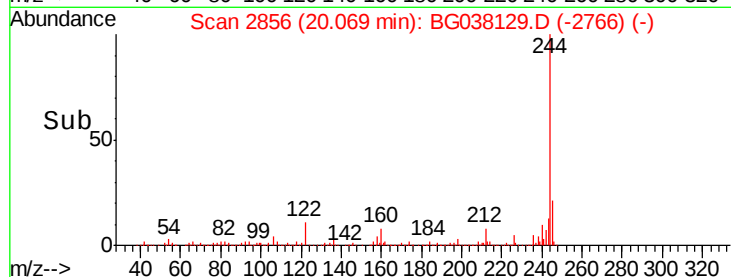
122 10.5 9.0 13.4



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: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038129.D

Acq: 21 Nov 2018 22:53

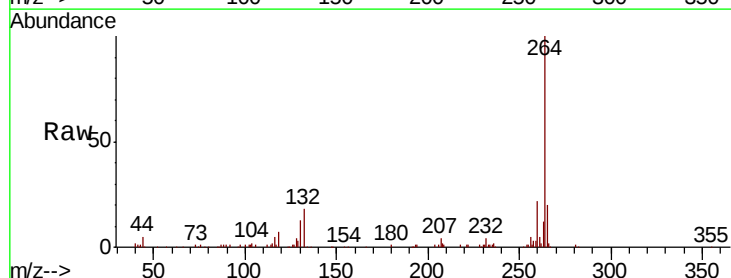
Tgt Ion:264 Resp: 218568

Ion Ratio Lower Upper

264 100

260 22.0 18.2 27.4

265 19.8 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

