

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038779.D
 Acq On : 21 Dec 2018 2:07
 Operator : JU/SJ
 Sample : PB115875BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BL

Quant Time: Dec 21 04:10:08 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

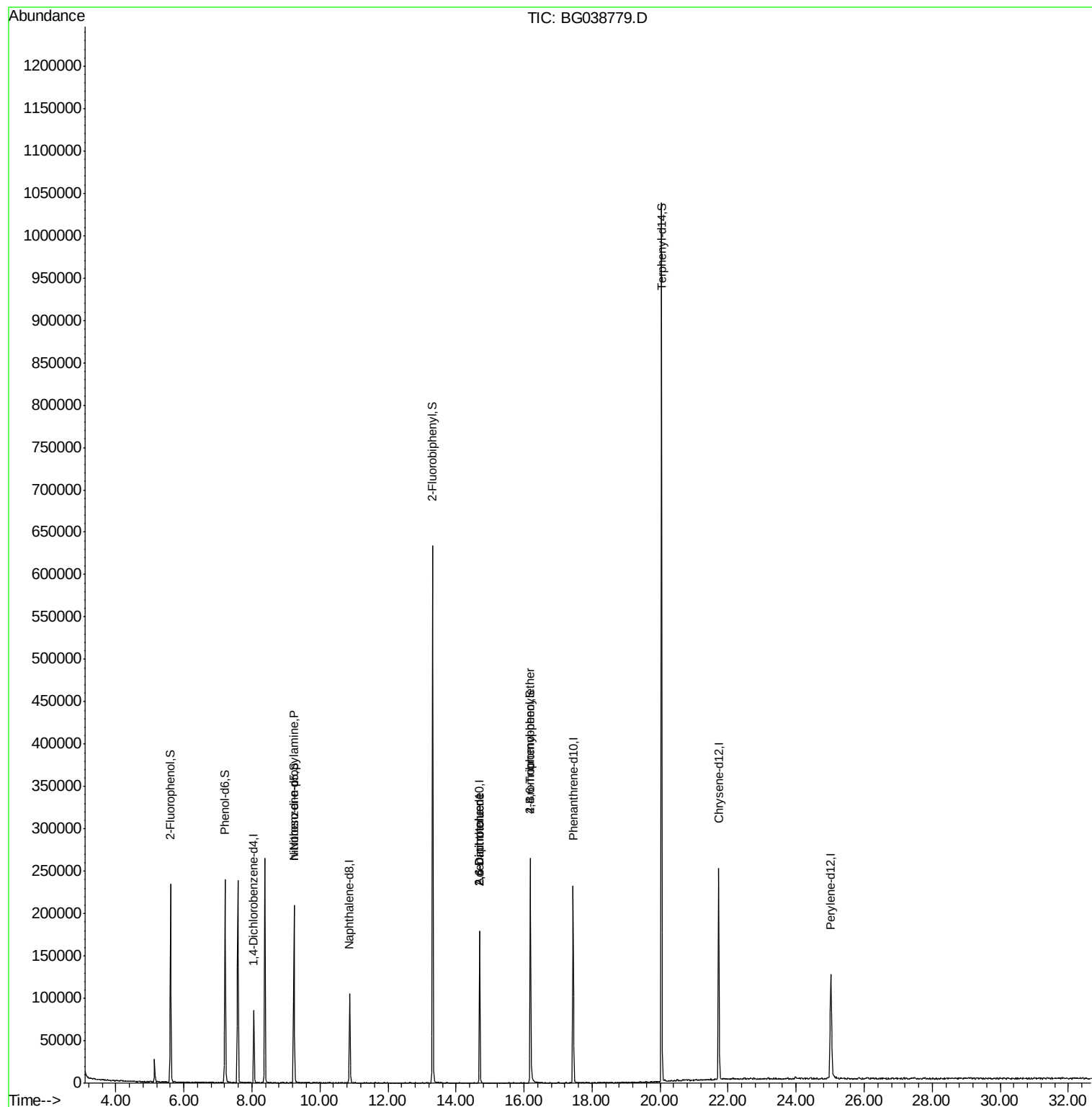
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24992	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97585	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	65193	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	162714	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164872	20.00	ng	0.00
87) Perylene-d12	25.02	264	169916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	103466	73.43	ng	0.00
7) Phenol-d6	7.21	99	143362	74.11	ng	0.00
23) Nitrobenzene-d5	9.23	82	126351	66.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.19	330	64303	71.57	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	347484	73.12	ng	0.00
79) Terphenyl-d14	20.04	244	528836	69.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	17531	12.904	ng	# 67
51) 2,6-Dinitrotoluene	14.69	165	8412	6.972	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8412	4.950	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	4261	2.144	ng	# 1

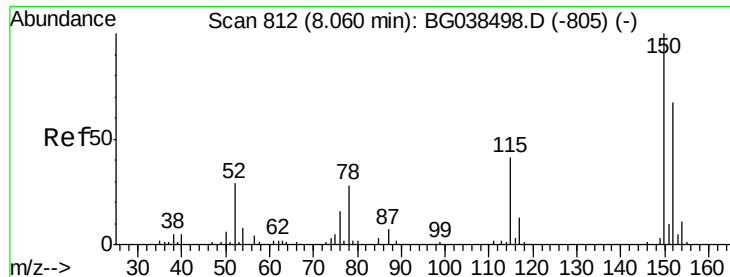
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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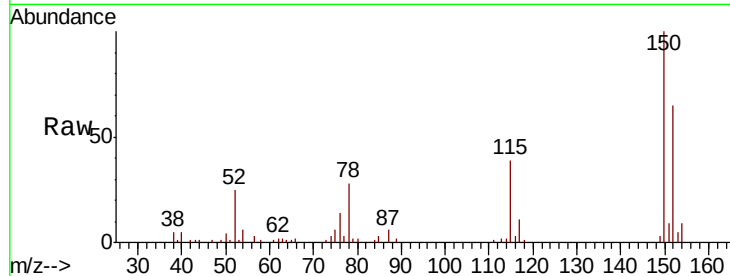




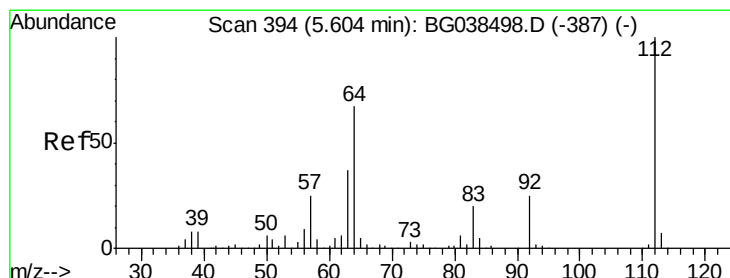
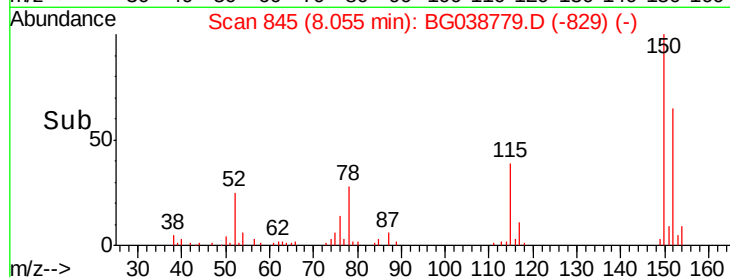
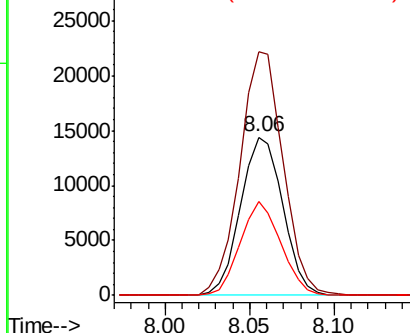
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BL

Tgt Ion:152 Resp: 24992
 Ion Ratio Lower Upper
 152 100
 150 154.1 119.5 179.3
 115 59.4 49.6 74.4

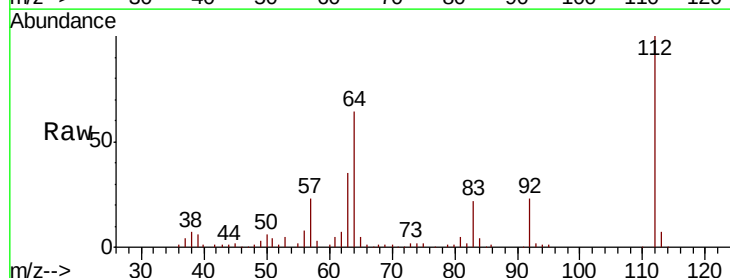


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

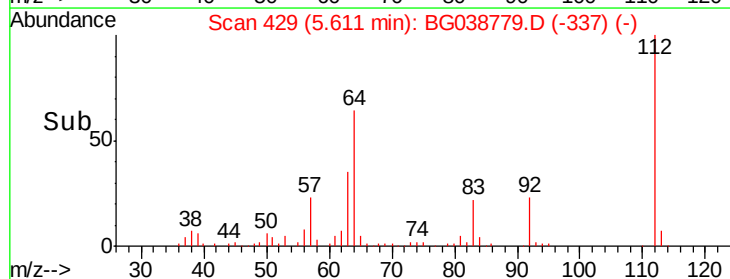
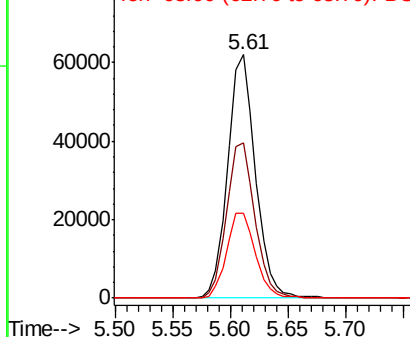


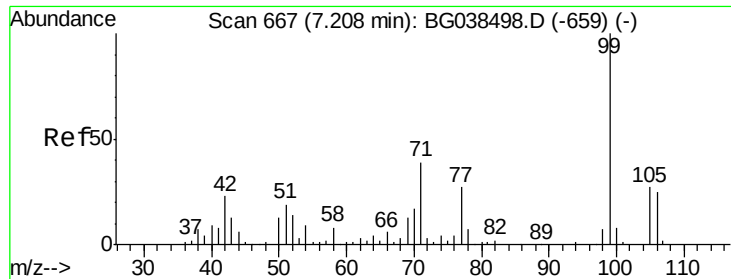
#5
 2-Fluorophenol
 Concen: 73.429 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

Tgt Ion:112 Resp: 103466
 Ion Ratio Lower Upper
 112 100
 64 63.9 53.4 80.2
 63 35.1 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: 74.113 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038779.D

Acq: 21 Dec 2018 2:07

Instrument :

BNA_G

ClientSampleId :

PB115875BL

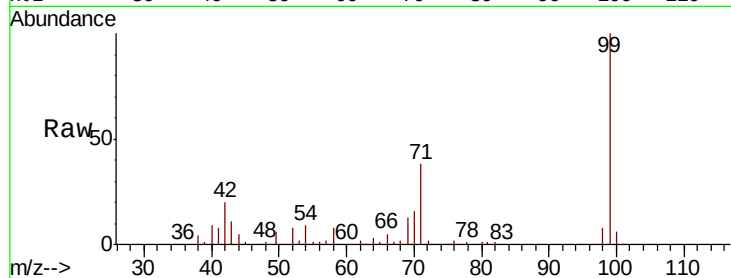
Tgt Ion: 99 Resp: 143362

Ion Ratio Lower Upper

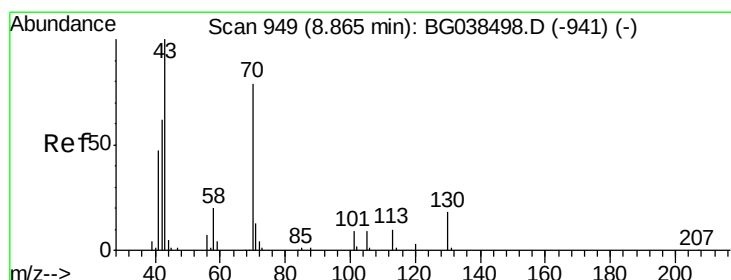
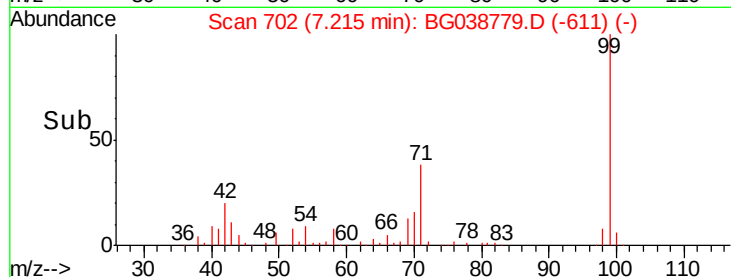
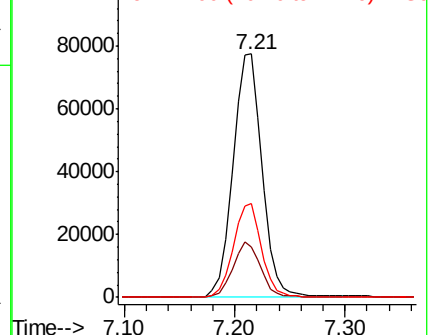
99 100

42 20.4 18.5 27.7

71 38.3 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: 12.904 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038779.D

Acq: 21 Dec 2018 2:07

Tgt Ion: 70 Resp: 17531

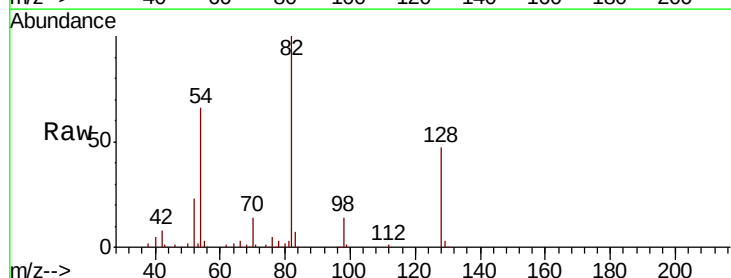
Ion Ratio Lower Upper

70 100

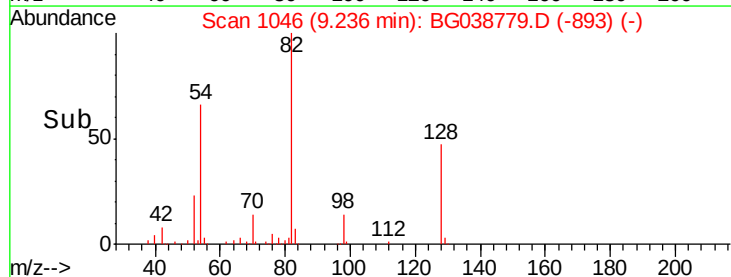
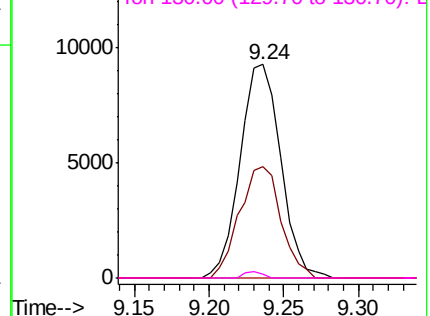
42 52.3 63.6 95.4#

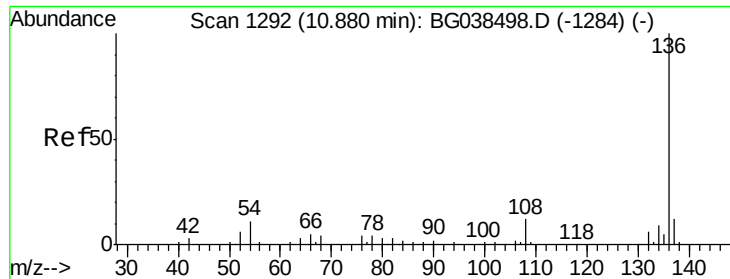
101 0.0 9.2 13.8#

130 1.8 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

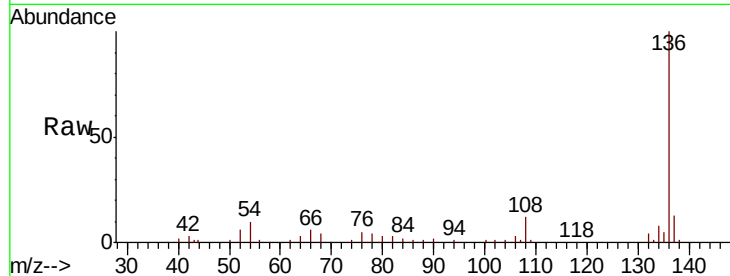




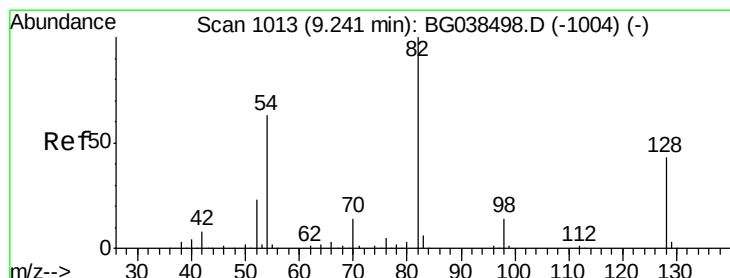
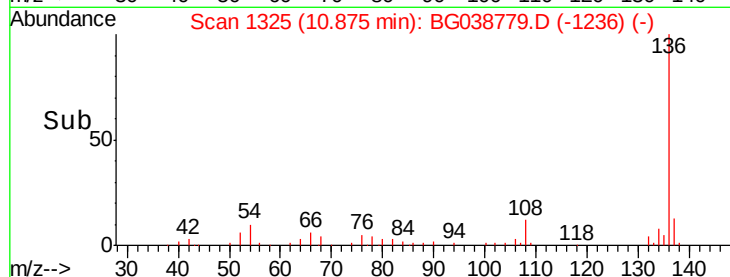
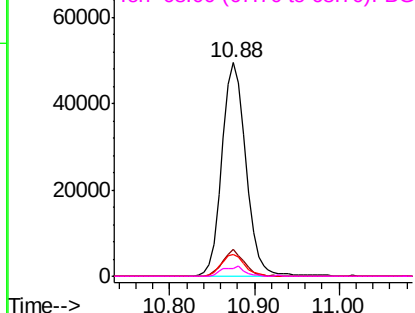
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038779.D
Acq: 21 Dec 2018 2:07

Instrument :
BNA_G
ClientSampleId :
PB115875BL

Tgt Ion:	136	Resp:	97585
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.3	13.9
54	9.9	8.5	12.7
68	3.9	3.5	5.3

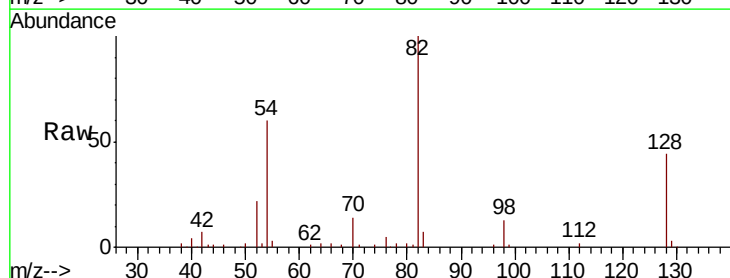


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

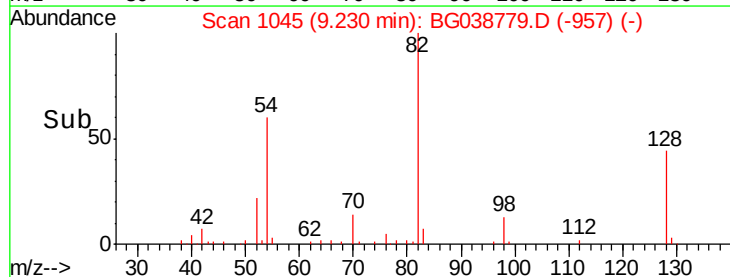
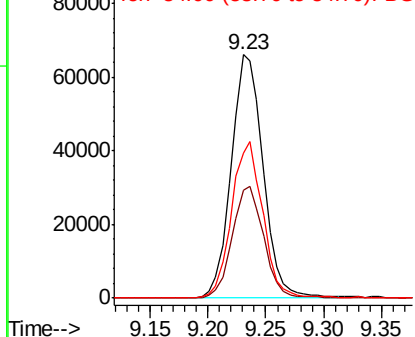


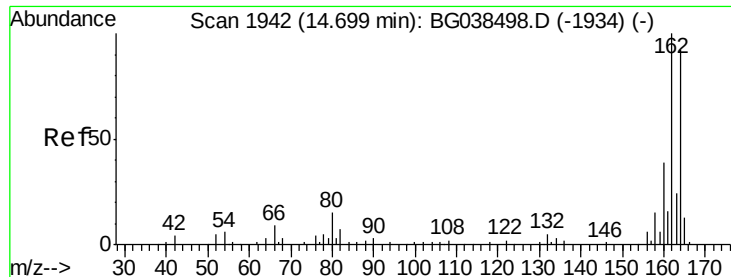
#23
Nitrobenzene-d5
Concen: 66.147 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038779.D
Acq: 21 Dec 2018 2:07

Tgt Ion:	82	Resp:	126351
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	59.6	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. -0.00 min

Lab File: BG038779.D

Acq: 21 Dec 2018 2:07

Instrument :

BNA_G

ClientSampled :

PB115875BL

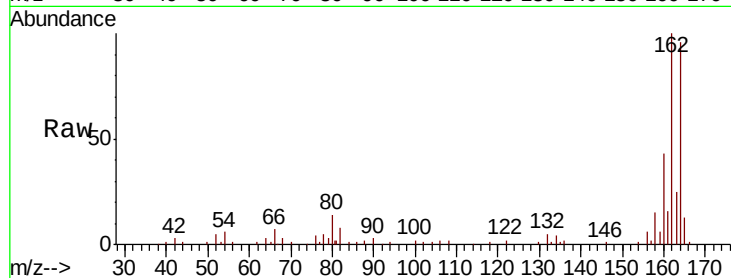
Tgt Ion:164 Resp: 65193

Ion Ratio Lower Upper

164 100

162 104.4 86.6 130.0

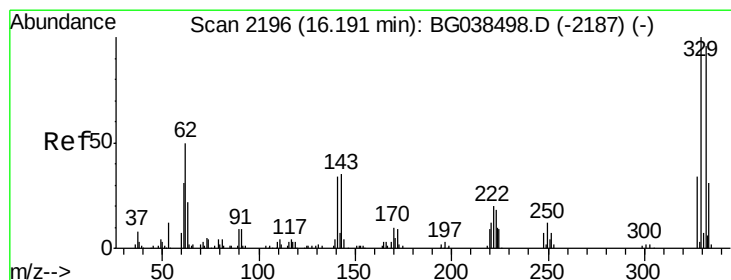
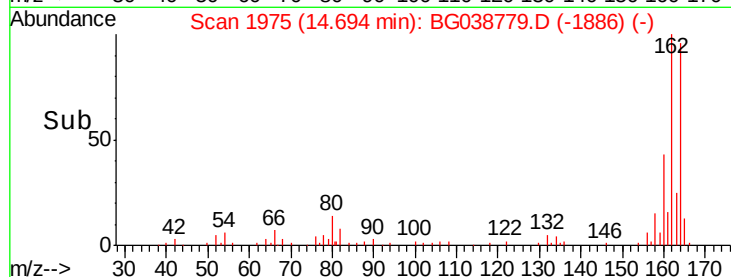
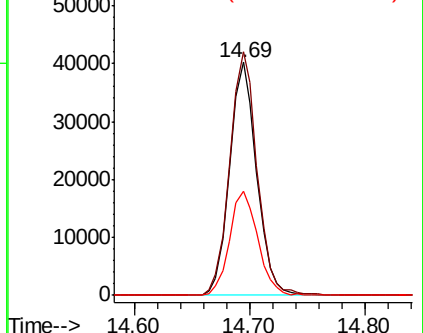
160 44.6 34.2 51.2



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: 71.569 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038779.D

Acq: 21 Dec 2018 2:07

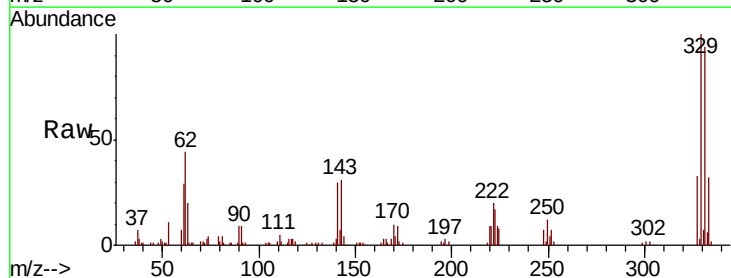
Tgt Ion:330 Resp: 64303

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

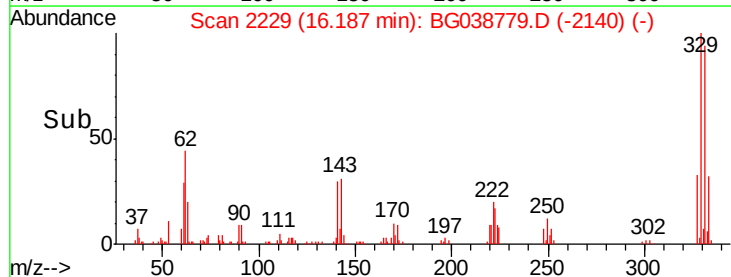
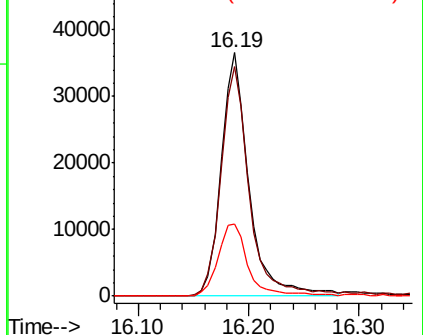
141 31.9 28.8 43.2

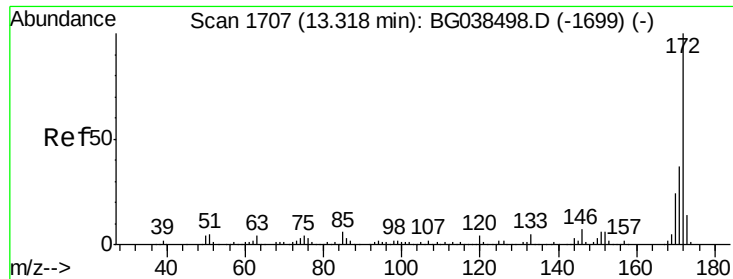


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

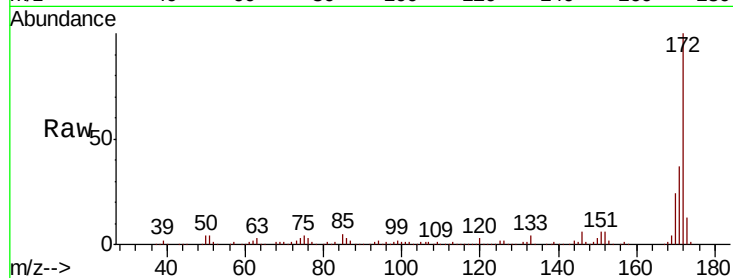




#45
 2-Fluorobiphenyl
 Concen: 73.121 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	23.8	19.5	29.3

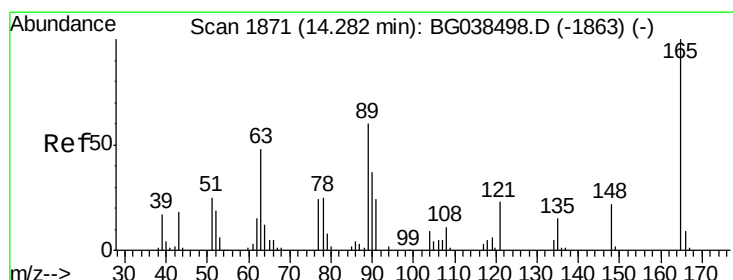
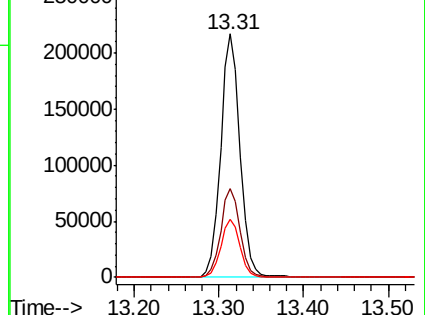
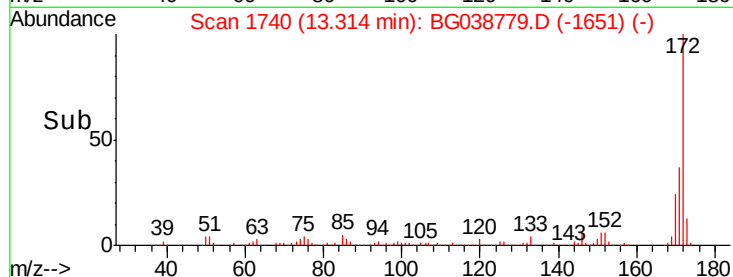


Abundance

Ion 172.00 (171.70 to 172.70): E

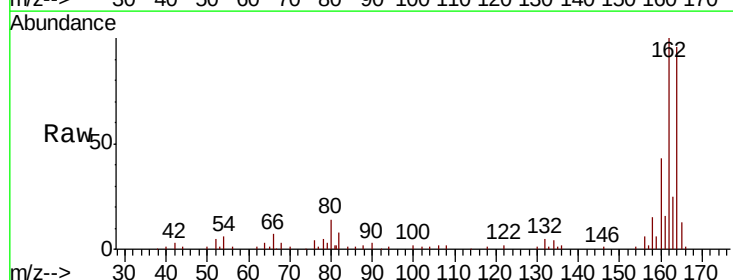
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51
 2,6-Dinitrotoluene
 Concen: 6.972 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	0.0	47.9	71.9#

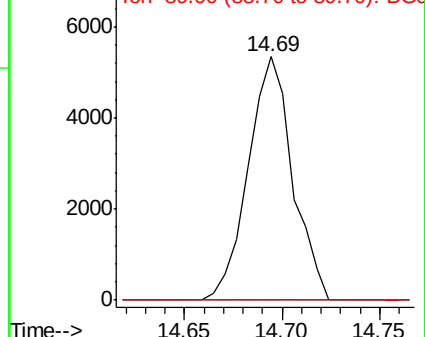
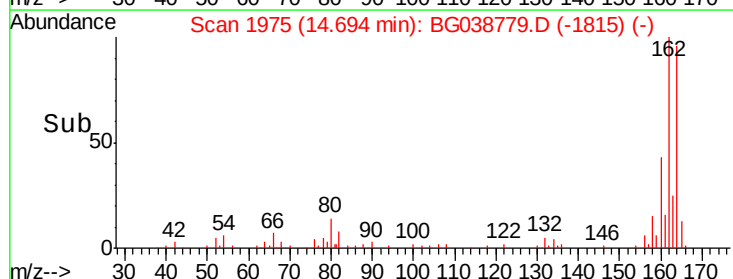


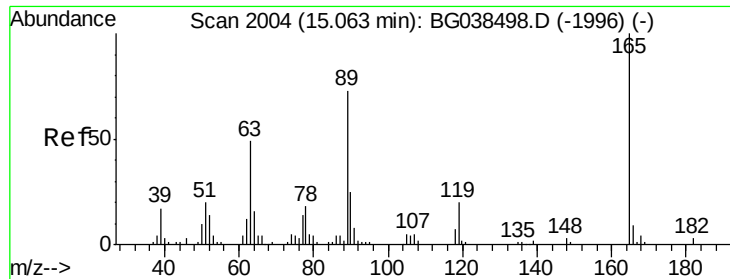
Abundance

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

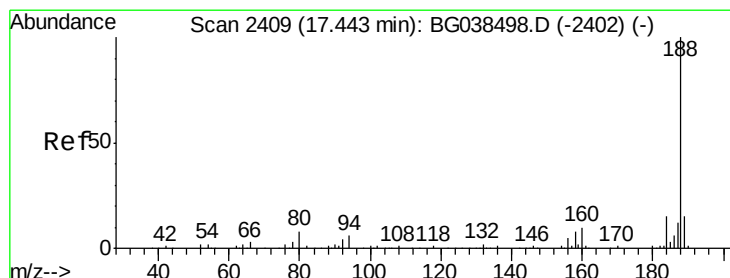
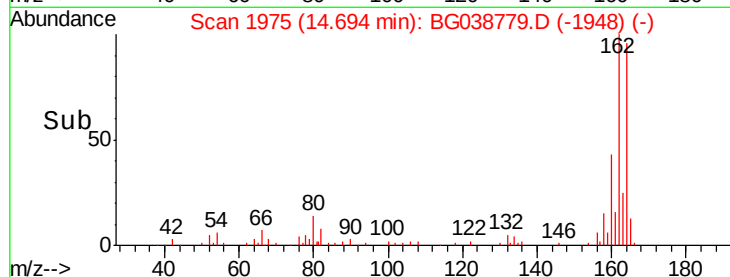
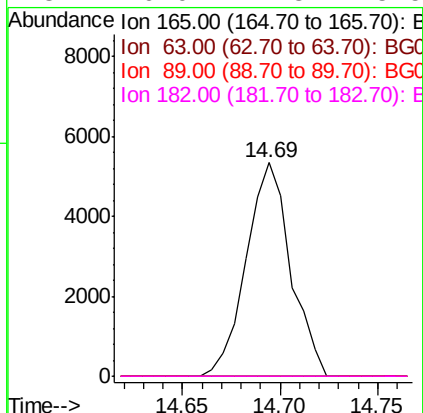
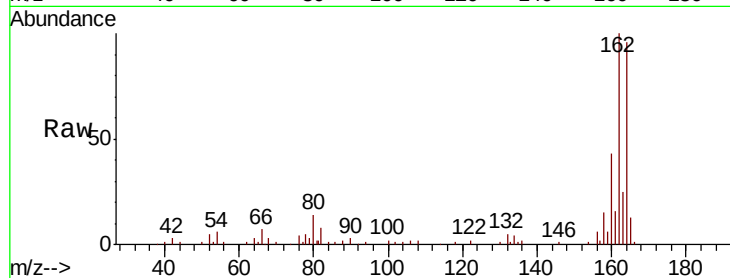




#57
 2,4-Dinitrotoluene
 Concen: 4.950 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

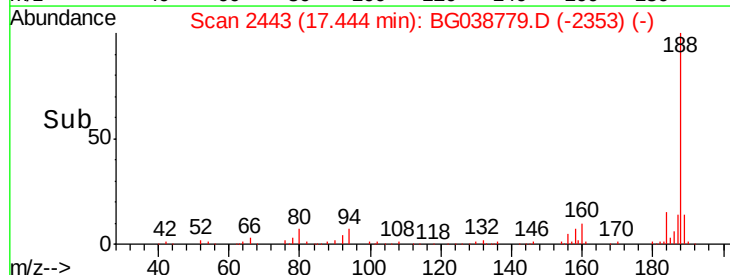
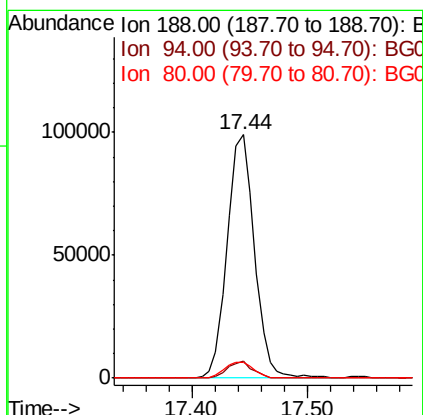
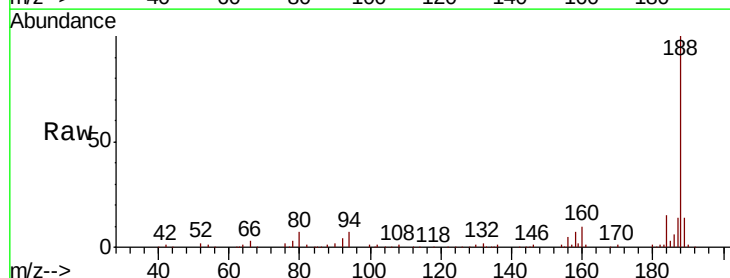
Instrument :
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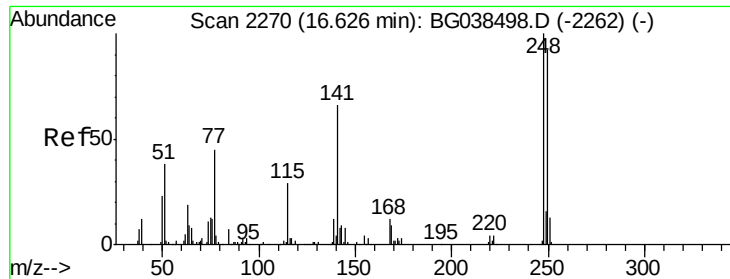
Tgt Ion:	165	Resp:	8412
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

Tgt Ion:	188	Resp:	162714
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	6.6	6.1	9.1

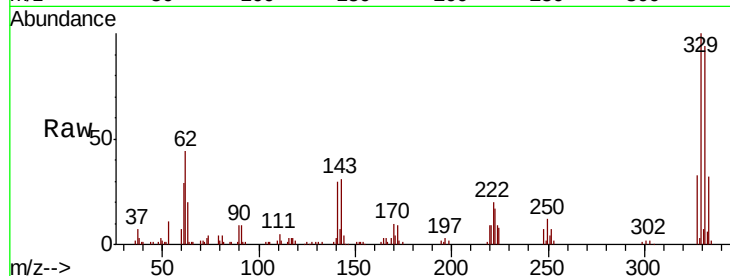




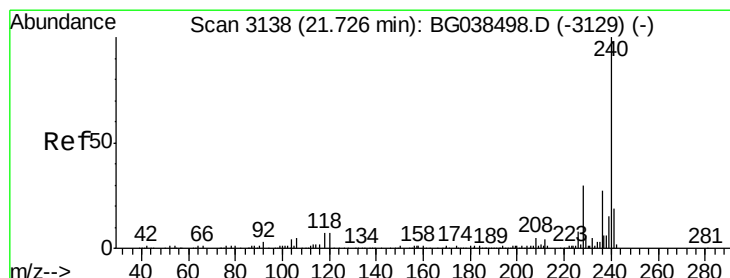
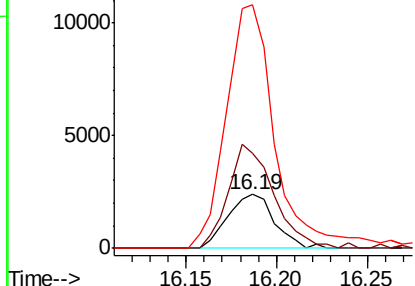
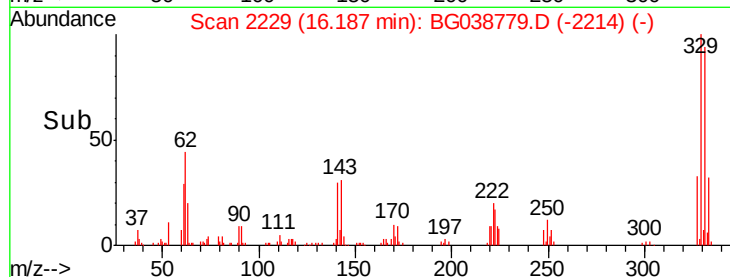
#67
 4-Bromophenyl-phenylether
 Concen: 2.144 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

Instrument :
 BNA_G
 ClientSampleId :
 PB115875BL

Tgt Ion:248 Resp: 4261
 Ion Ratio Lower Upper
 248 100
 250 176.4 73.4 110.2#
 141 337.2 52.9 79.3#

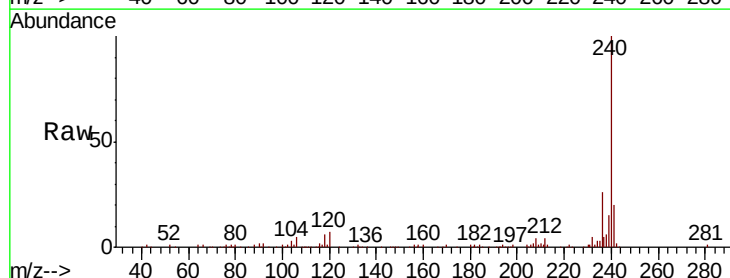


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

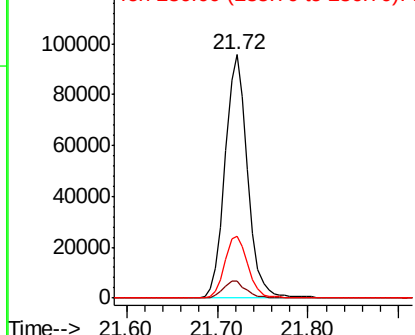
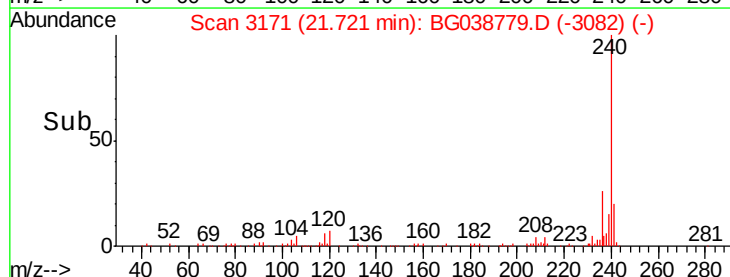


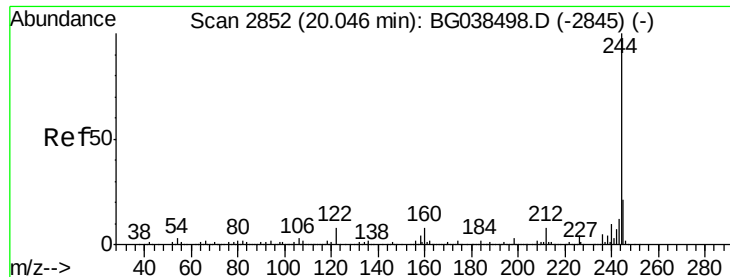
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038779.D
 Acq: 21 Dec 2018 2:07

Tgt Ion:240 Resp: 164872
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.3 7.9
 236 25.6 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: 69.807 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038779.D

Acq: 21 Dec 2018 2:07

Instrument :

BNA_G

ClientSampleId :

PB115875BL

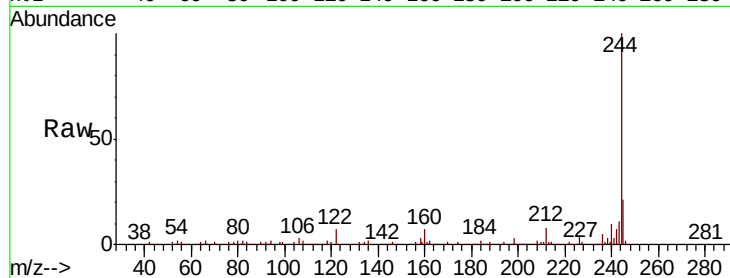
Tgt Ion:244 Resp: 528836

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

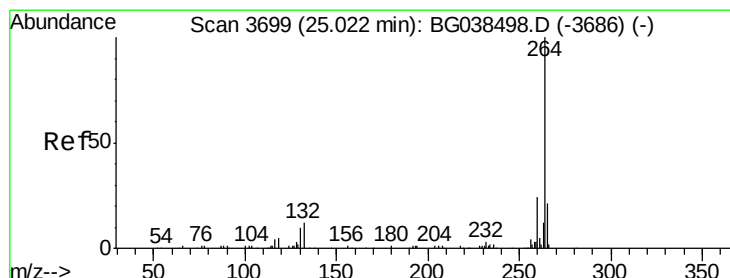
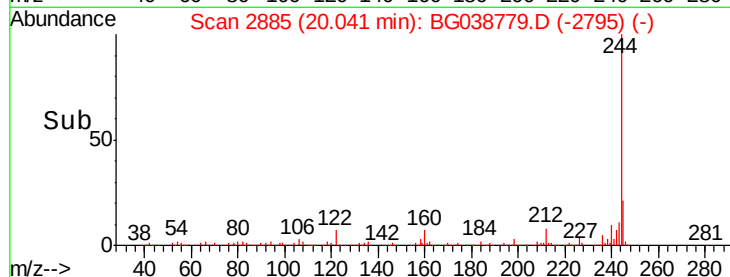
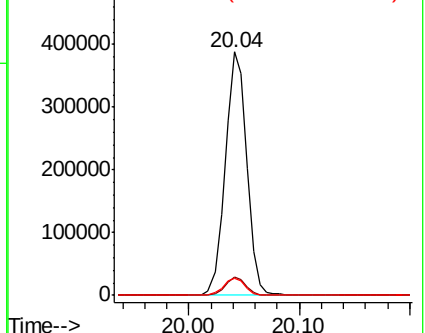
122 7.2 6.3 9.5



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. -0.00 min

Lab File: BG038779.D

Acq: 21 Dec 2018 2:07

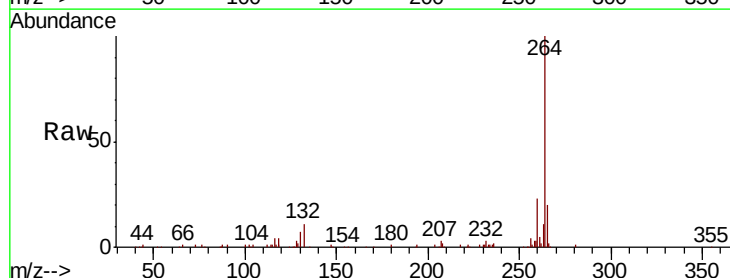
Tgt Ion:264 Resp: 169916

Ion Ratio Lower Upper

264 100

260 22.5 18.9 28.3

265 20.4 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

