

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040219\
 Data File : BG040305.D
 Acq On : 2 Apr 2019 20:38
 Operator : JU/SJ
 Sample : K2179-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 00:51:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

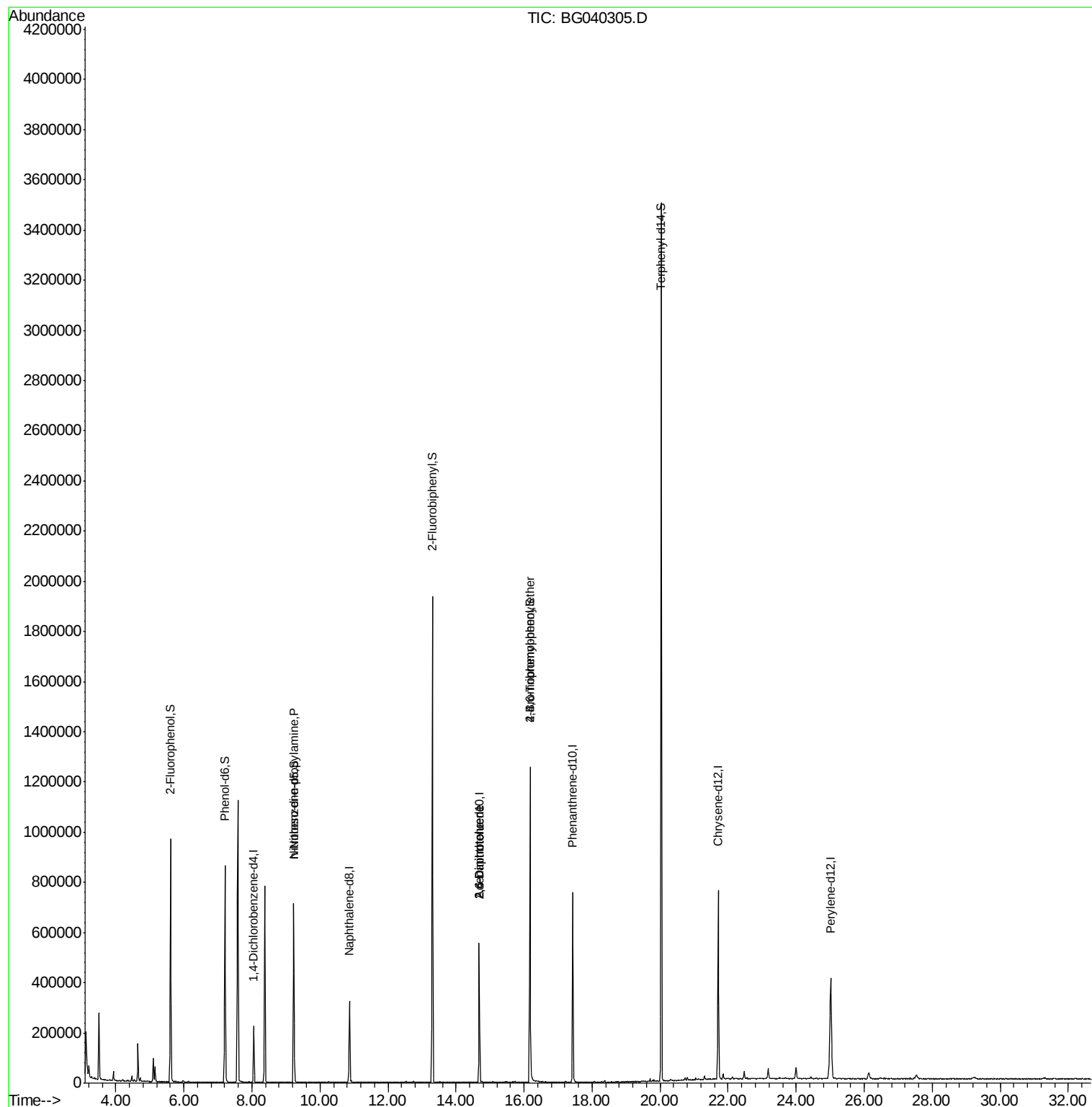
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65419	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	278447	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	192504	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	484185	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	471045	20.00	ng	-0.03
87) Perylene-d12	25.02	264	476648	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	423696	107.67	ng	0.00
7) Phenol-d6	7.21	99	516446	94.96	ng	-0.02
23) Nitrobenzene-d5	9.23	82	431387	82.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	244005	117.28	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	1019156	78.45	ng	-0.02
79) Terphenyl-d14	20.03	244	1656958	79.13	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	54920	14.085	ng	# 74
51) 2,6-Dinitrotoluene	14.68	165	25356	7.495	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	25356	5.394	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	18116	3.325	ng	# 1

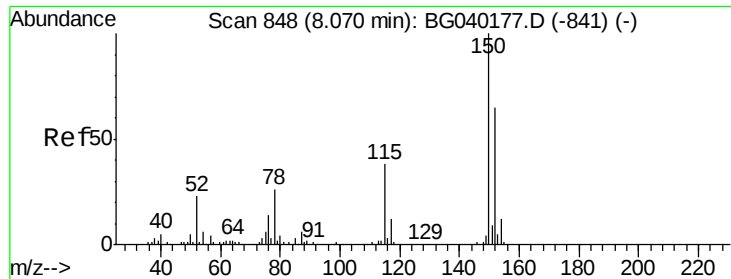
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 03 00:51:37 2019
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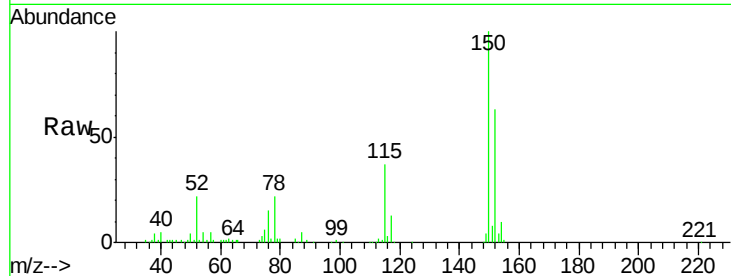


#1

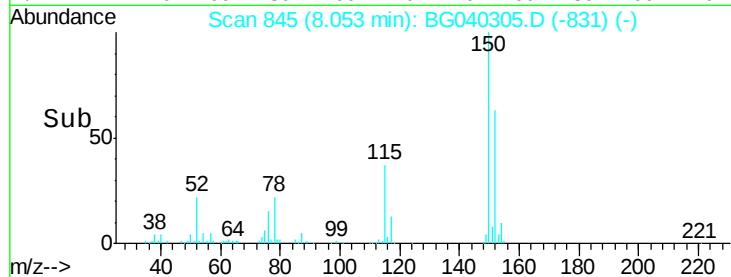
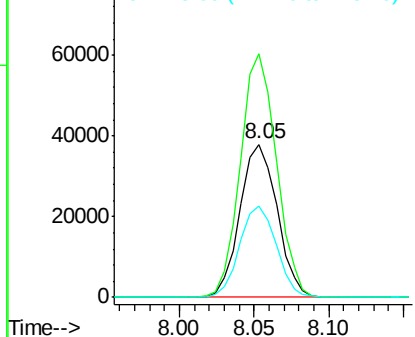
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	152	Resp	65419
Ion Ratio	Lower	Upper	
152	100		
150	159.1	123.7	185.5
115	59.4	46.9	70.3



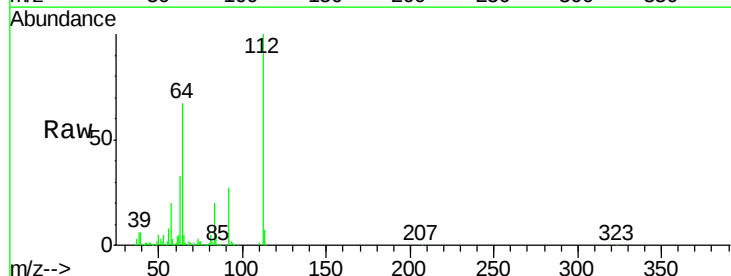
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



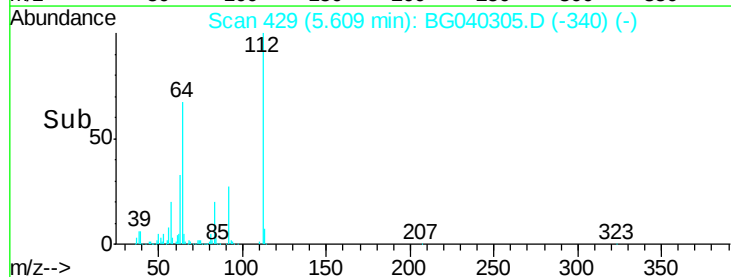
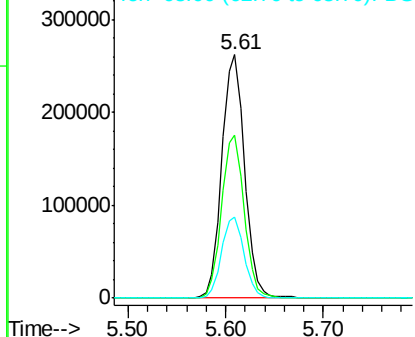
#5

2-Fluorophenol
Concen: 107.669 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Tgt Ion	112	Resp	423696
Ion Ratio	Lower	Upper	
112	100		
64	66.7	54.2	81.2
63	33.4	26.4	39.6



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: 94.961 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040305.D

Acq: 2 Apr 2019 20:38

Instrument :

BNA_G

ClientSampleId :

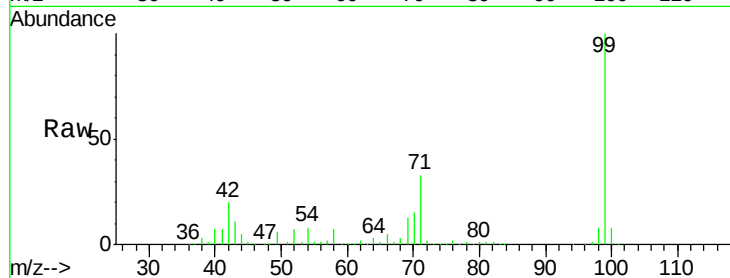
Tot Ion: 99 Resp: 516446

Ion Ratio Lower Upper

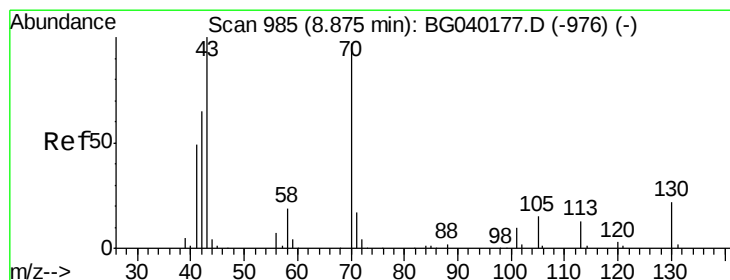
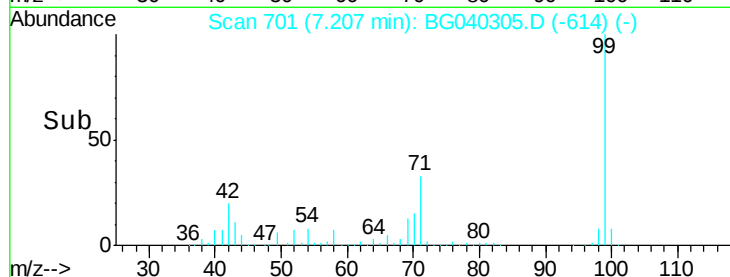
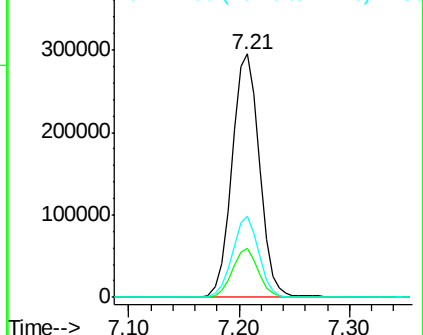
99 100

42 20.0 16.2 24.2

71 33.1 26.8 40.2



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: 14.085 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040305.D

Acq: 2 Apr 2019 20:38

Tgt Ion: 70 Resp: 54920

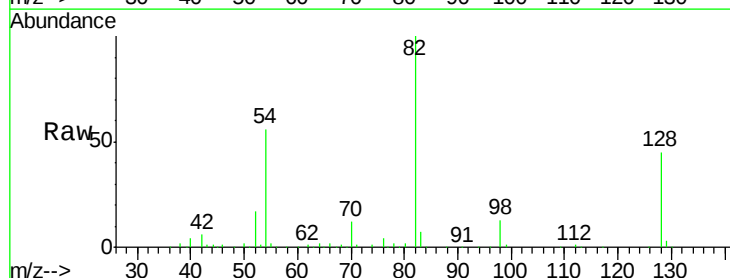
Ion Ratio Lower Upper

70 100

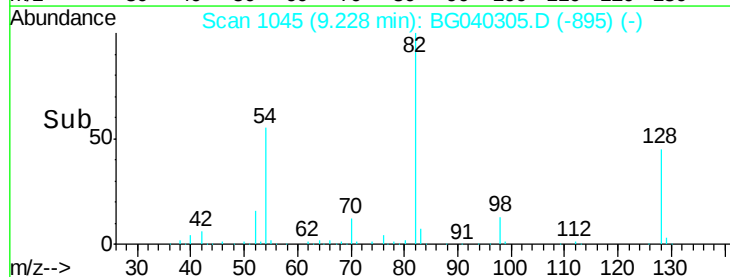
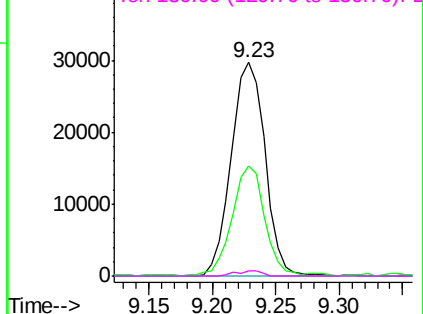
42 51.4 54.0 81.0#

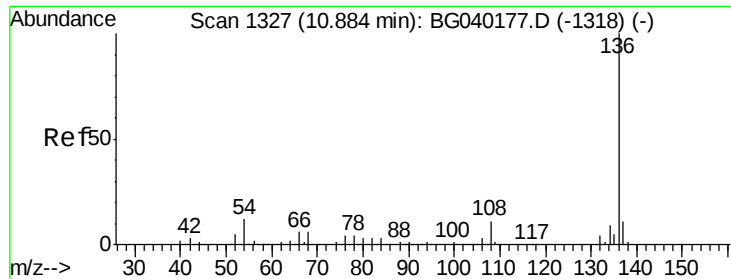
101 0.0 8.6 13.0#

130 2.5 18.2 27.2#



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

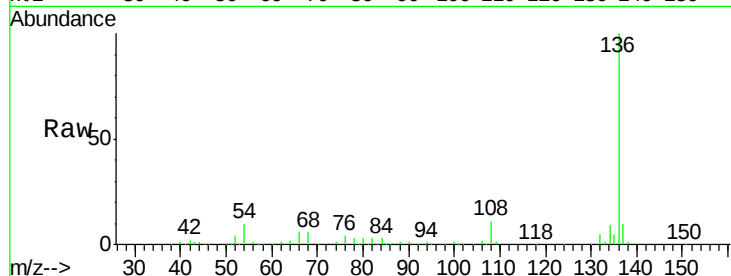




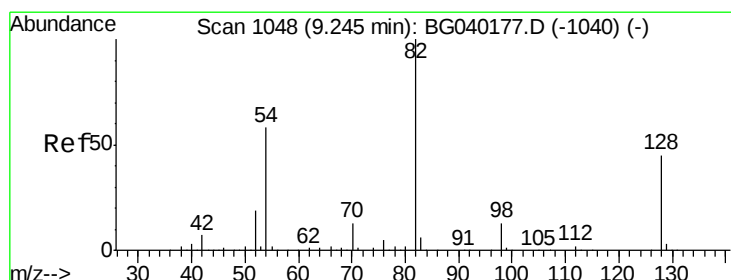
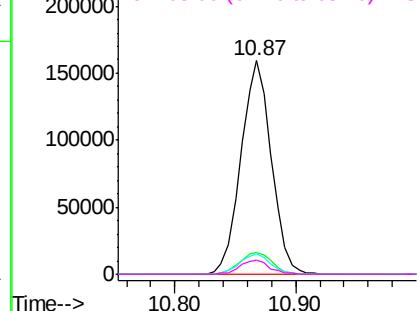
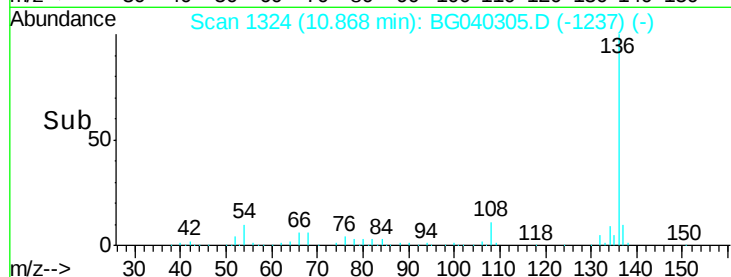
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	278447
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.9 13.3
54	9.6	9.6 14.4#
68	6.3	5.1 7.7

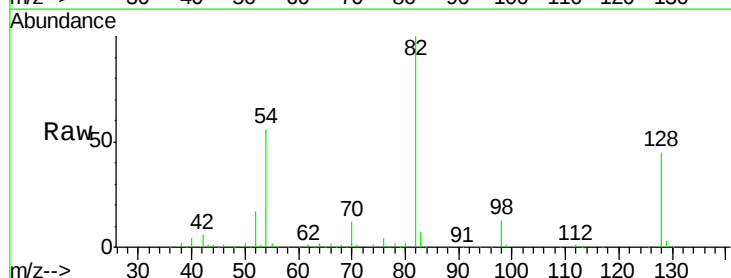


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

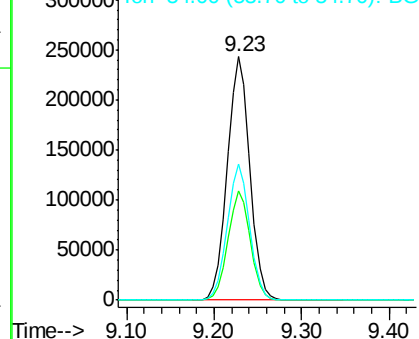
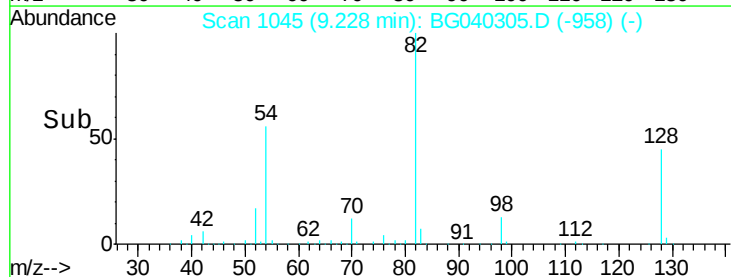


#23
Nitrobenzene-d5
Concen: 82.348 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Tgt Ion: 82	Resp:	431387
Ion Ratio	Lower	Upper
82	100	
128	44.8	35.8 53.8
54	55.7	46.2 69.2



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

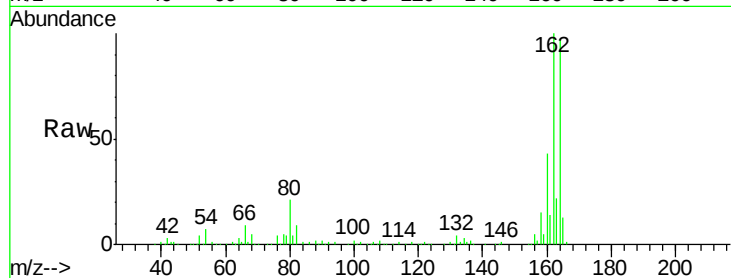




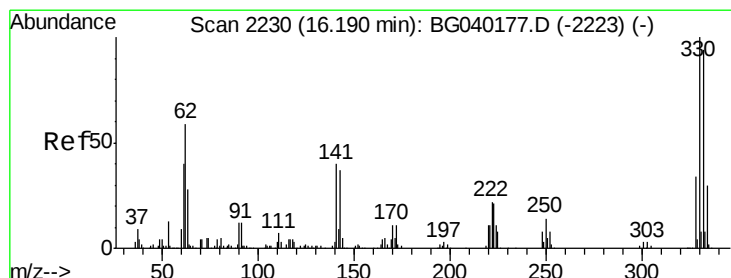
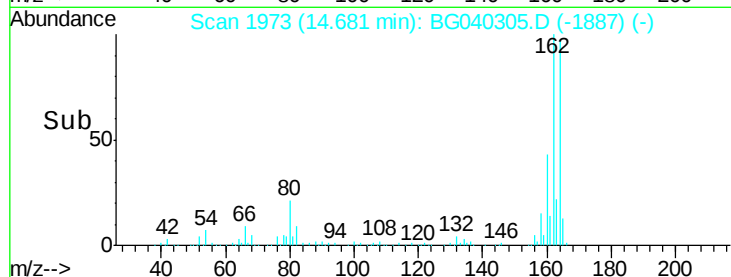
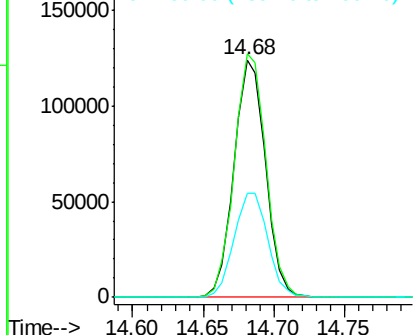
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 192504
Ion Ratio Lower Upper
164 100
162 102.6 77.4 116.2
160 43.9 35.3 52.9

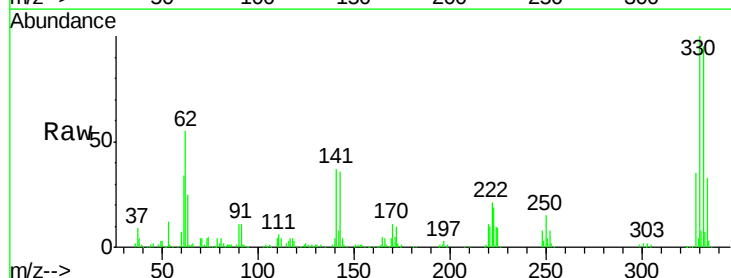


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

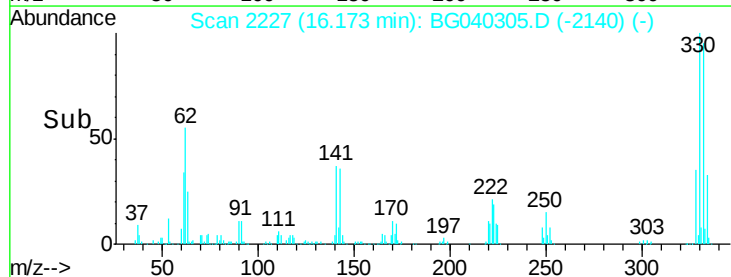
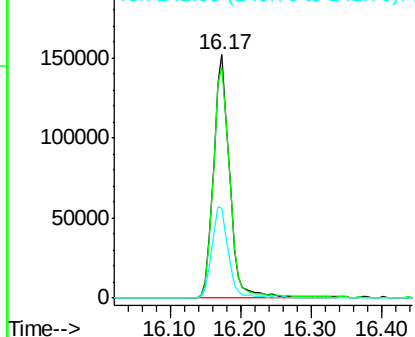


#42
2,4,6-Tribromophenol
Concen: 117.284 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Tgt Ion:330 Resp: 244005
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 37.9 32.6 48.8



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

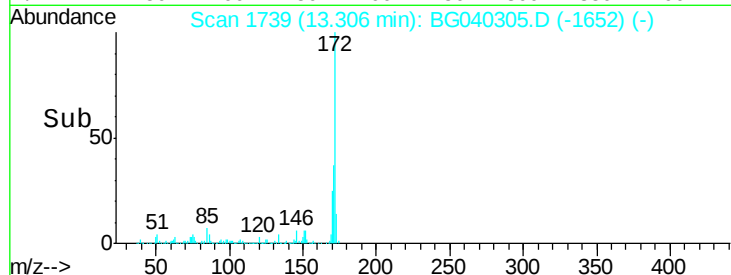
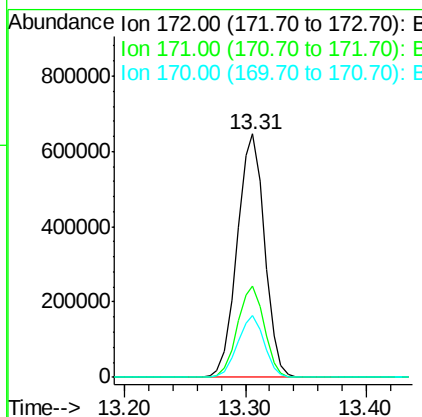
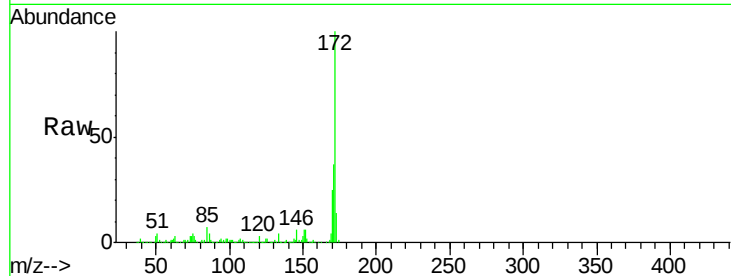




#45
2-Fluorobiphenyl
Concen: 78.448 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

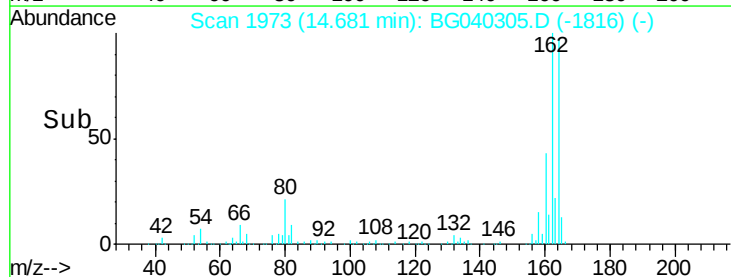
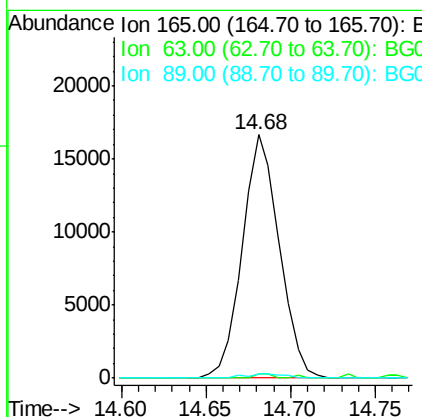
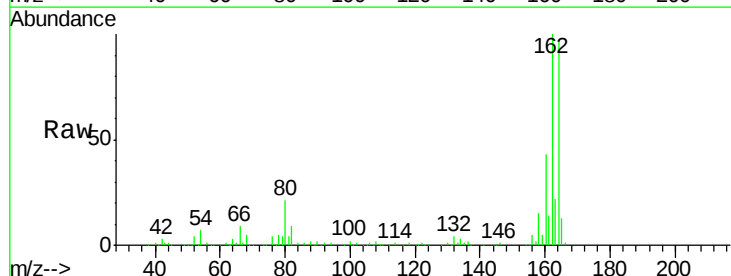
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1019156
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 25.2 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.495 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Tgt Ion:165 Resp: 25356
Ion Ratio Lower Upper
165 100
63 1.9 44.1 66.1#
89 1.9 44.9 67.3#





#57

2,4-Dinitrotoluene

Concen: 5.394 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.39 min

Lab File: BG040305.D

Acq: 2 Apr 2019 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 25356

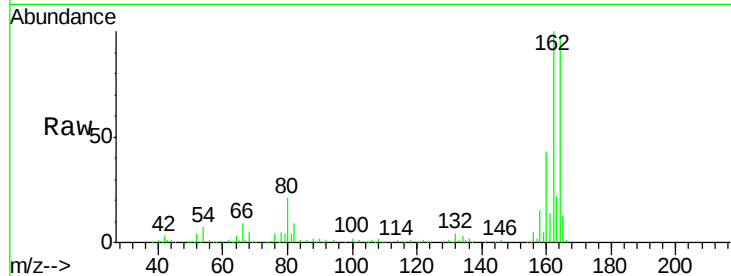
Ion Ratio Lower Upper

165 100

63 1.9 33.8 50.6#

89 1.9 55.4 83.2#

182 0.0 2.2 3.4#

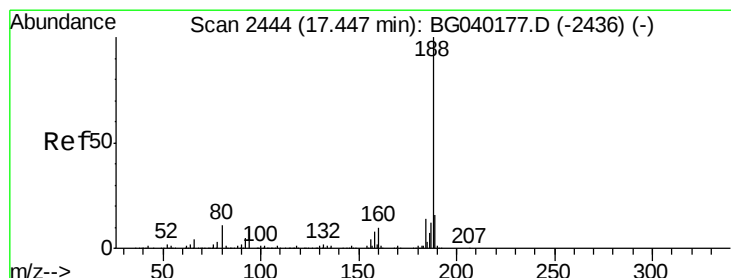
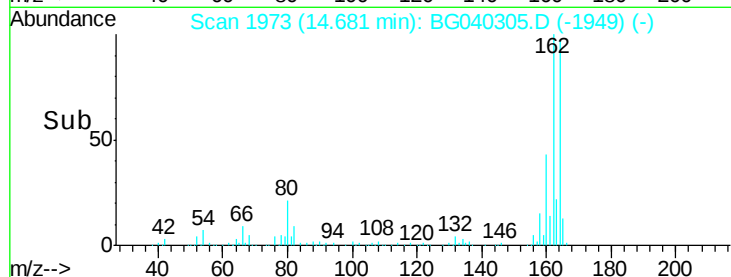
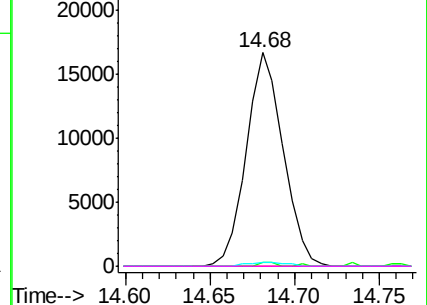


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040305.D

Acq: 2 Apr 2019 20:38

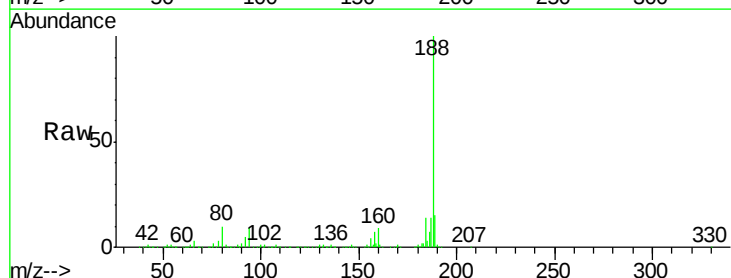
Tgt Ion:188 Resp: 484185

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

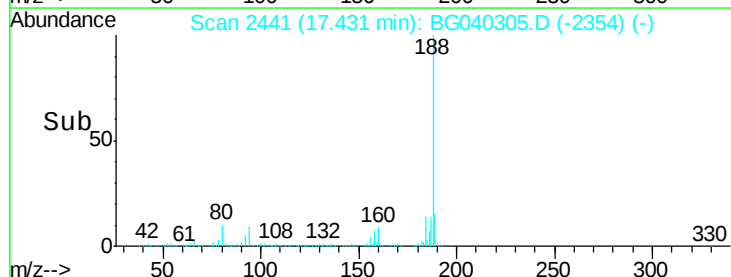
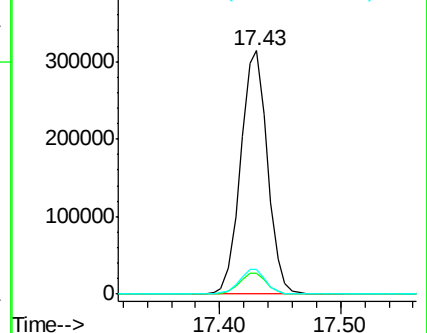
80 10.0 8.6 13.0



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

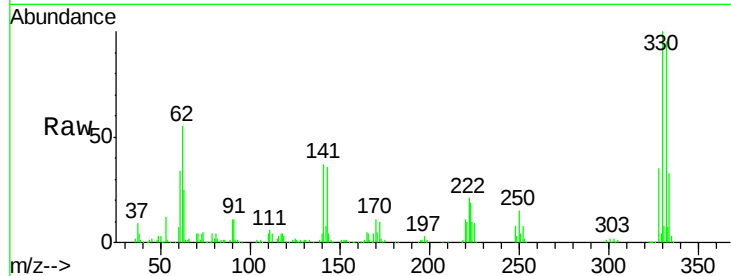




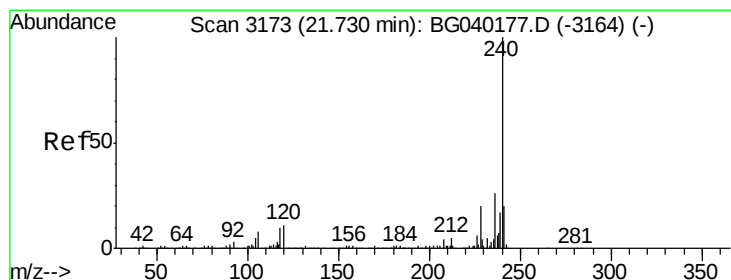
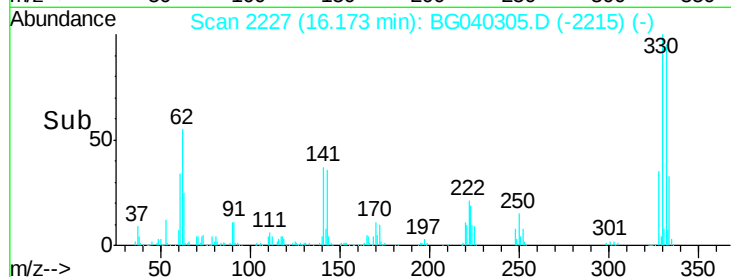
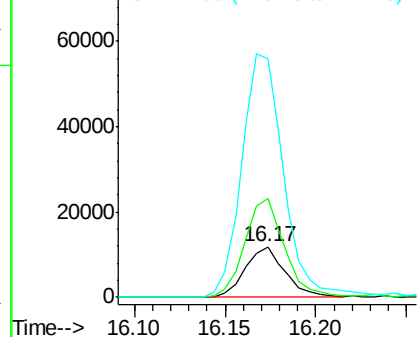
#67
4-Bromophenyl-phenylether
Concen: 3.325 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18116
Ion Ratio Lower Upper
248 100
250 194.7 76.4 114.6#
141 471.6 53.8 80.8#

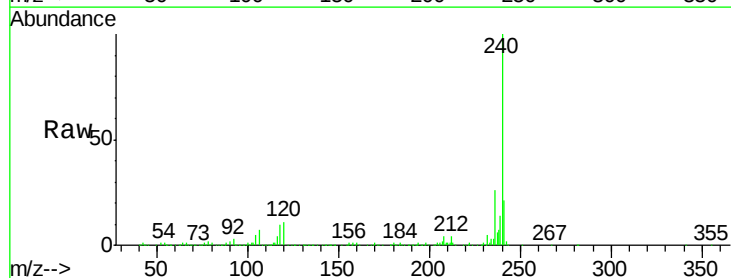


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

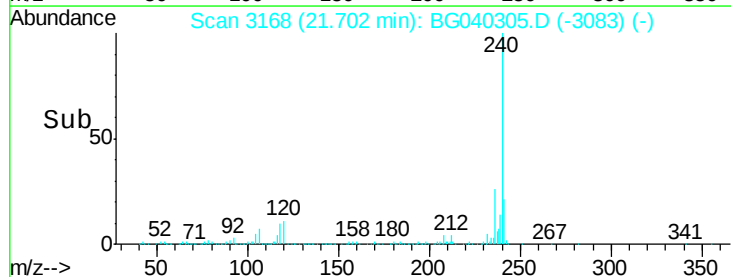
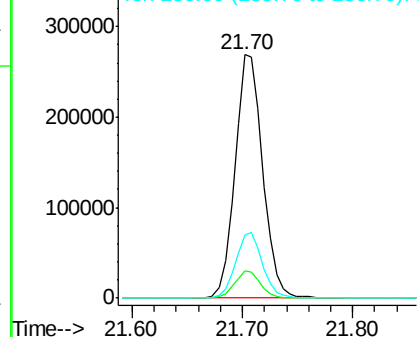


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.03 min
Lab File: BG040305.D
Acq: 2 Apr 2019 20:38

Tgt Ion:240 Resp: 471045
Ion Ratio Lower Upper
240 100
120 11.0 8.4 12.6
236 26.1 20.8 31.2



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: 79.134 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040305.D

Acq: 2 Apr 2019 20:38

Instrument :

BNA_G

ClientSampled :

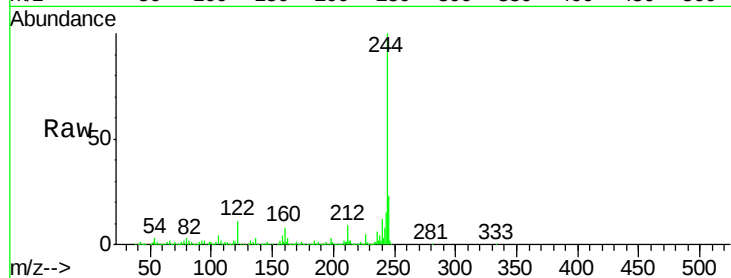
Tot Ion:244 Resp: 1656958

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

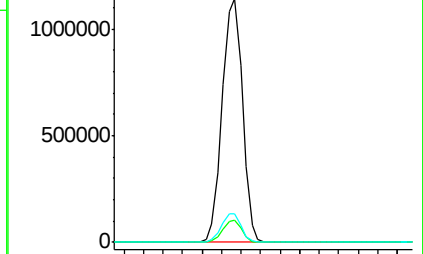
122 11.5 8.5 12.7



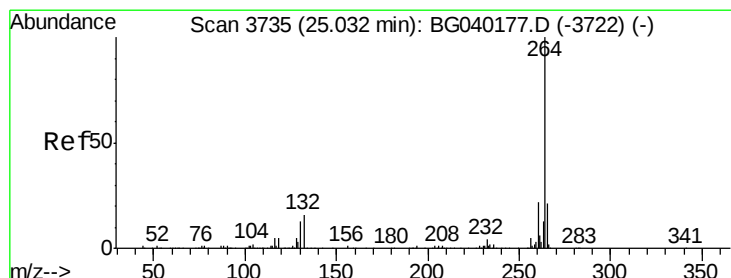
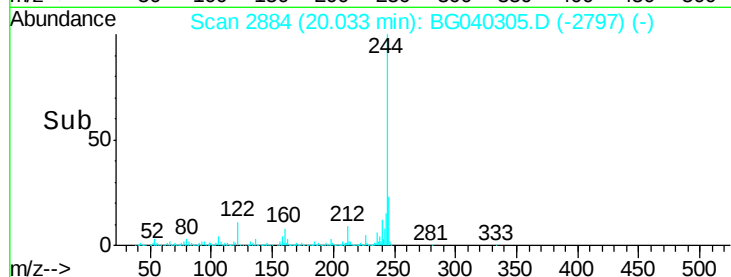
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040305.D

Acq: 2 Apr 2019 20:38

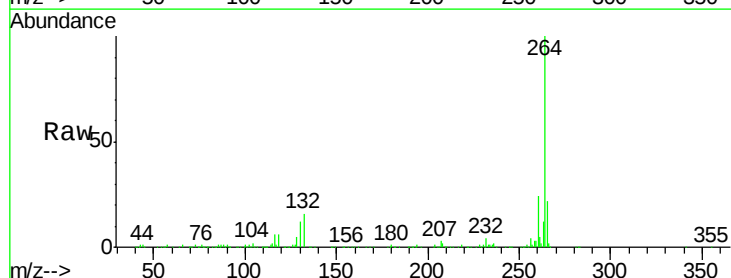
Tgt Ion:264 Resp: 476648

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

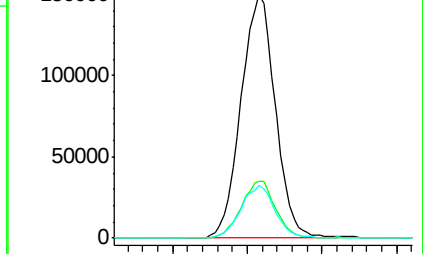
265 21.8 16.8 25.2



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



Time-->

