

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040336.D
 Acq On : 3 Apr 2019 21:47
 Operator : JU/SJ
 Sample : K1695-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:25:04 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

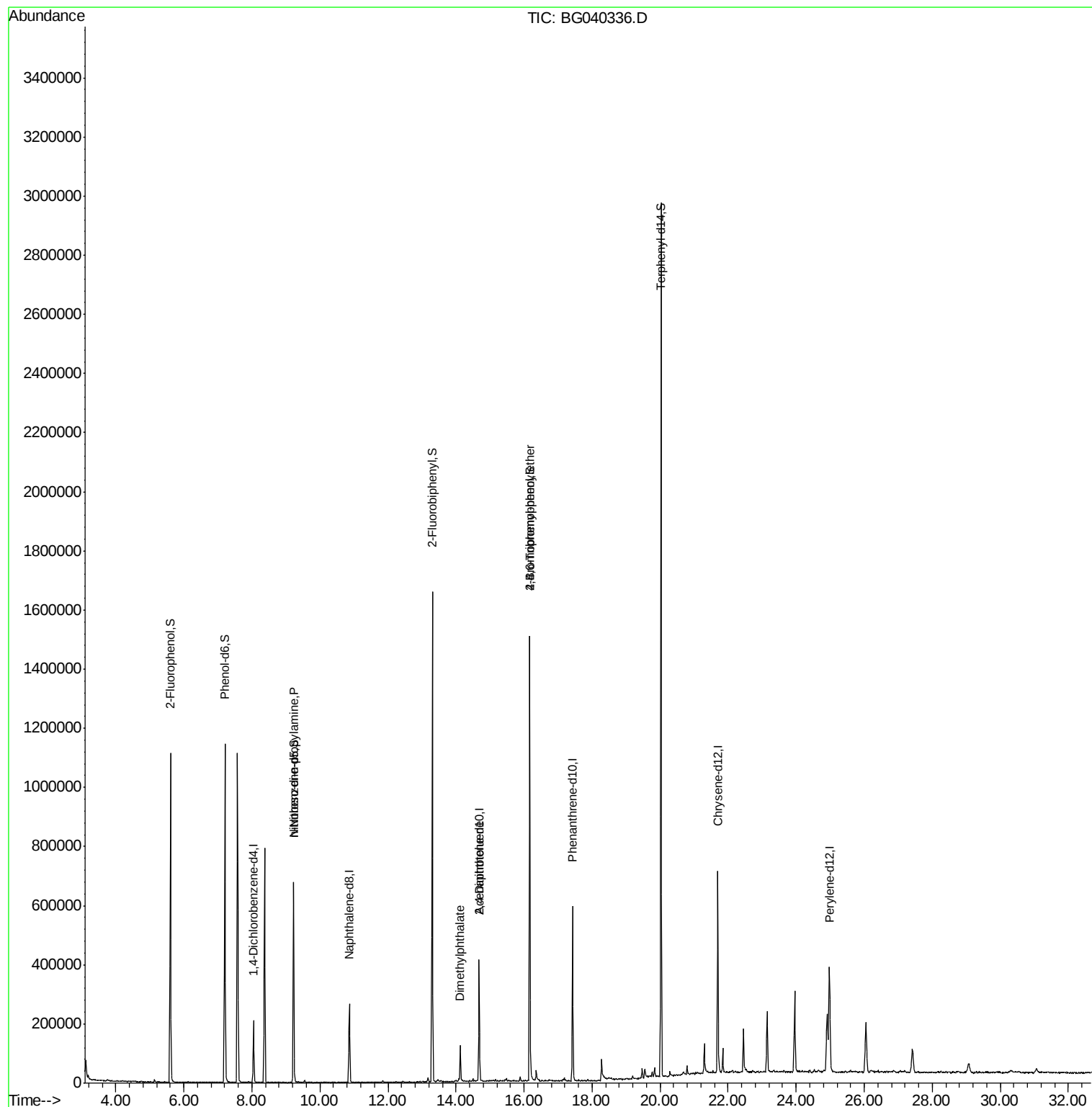
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60384	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	239299	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	146553	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	361503	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	403358	20.00	ng	-0.03
87) Perylene-d12	24.98	264	399778	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	505690	139.22	ng	-0.01
7) Phenol-d6	7.20	99	695254	138.50	ng	-0.02
23) Nitrobenzene-d5	9.22	82	416753	92.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	266851	168.48	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	882704	89.25	ng	-0.02
79) Terphenyl-d14	20.02	244	1394135	77.76	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	52382	14.554	ng	# 72
50) Dimethylphthalate	14.12	163	75023	6.541	ng	# 97
57) 2,4-Dinitrotoluene	14.68	165	18363	5.131	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	20041	4.926	ng	# 1

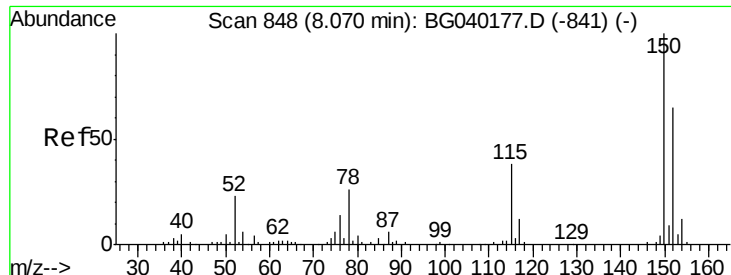
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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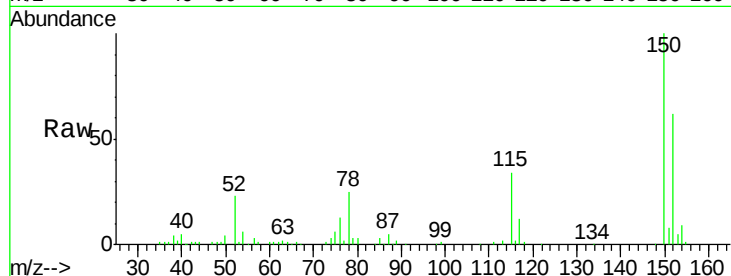


#1

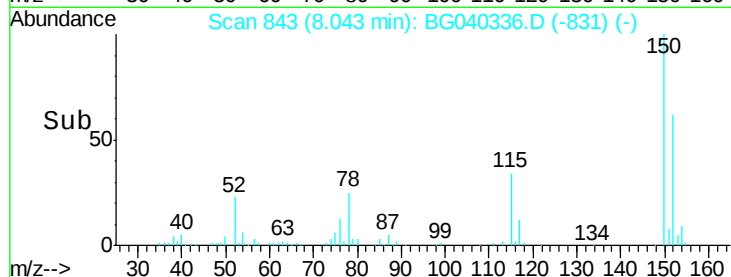
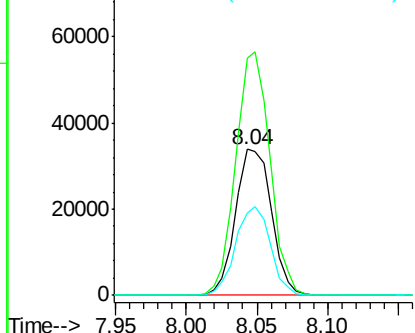
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60384
Ion Ratio Lower Upper
152 100
150 162.6 123.7 185.5
115 55.9 46.9 70.3



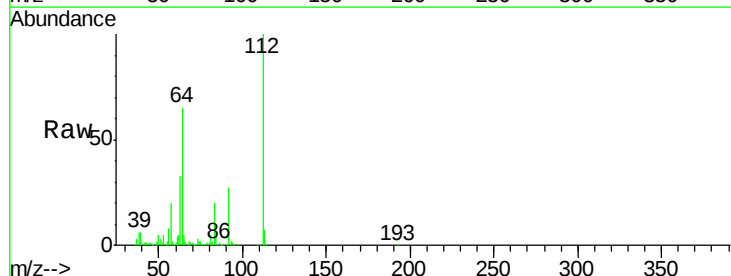
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



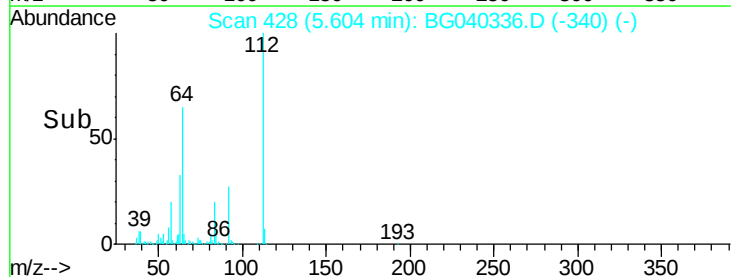
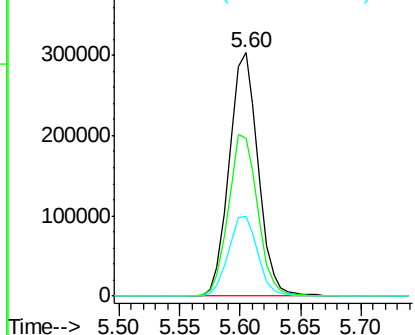
#5

2-Fluorophenol
Concen: 139.220 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Tgt Ion:112 Resp: 505690
Ion Ratio Lower Upper
112 100
64 65.0 54.2 81.2
63 33.0 26.4 39.6



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: 138.499 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

Instrument :

BNA_G

ClientSampled :

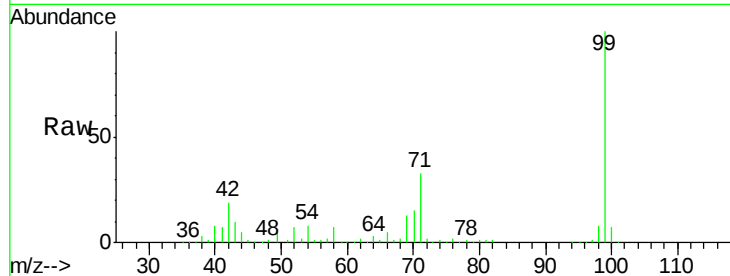
Tot Ion: 99 Resp: 695254

Ion Ratio Lower Upper

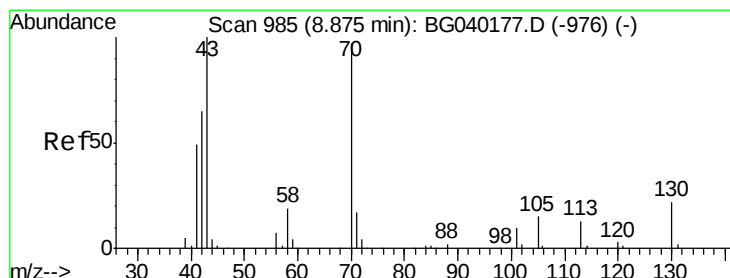
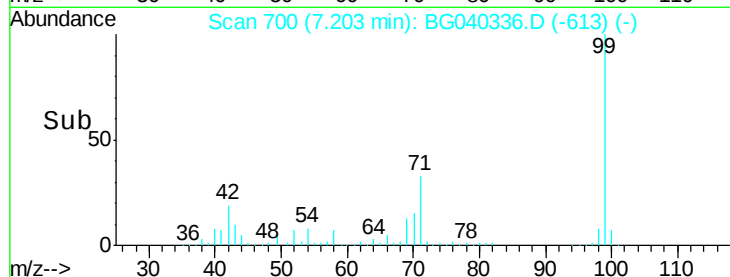
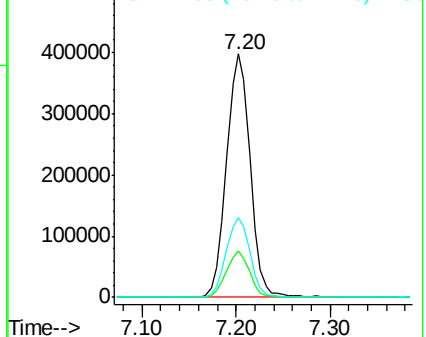
99 100

42 19.0 16.2 24.2

71 33.0 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: 14.554 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

Tgt Ion: 70 Resp: 52382

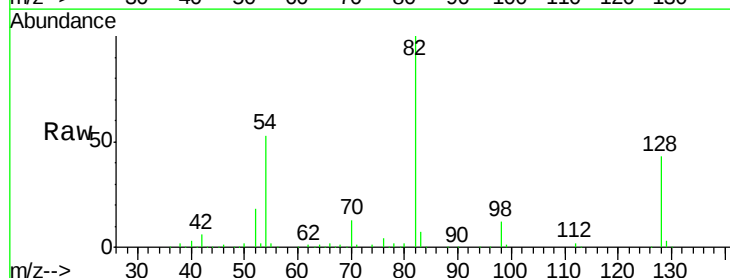
Ion Ratio Lower Upper

70 100

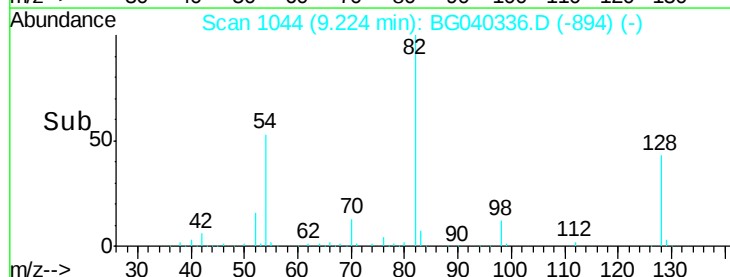
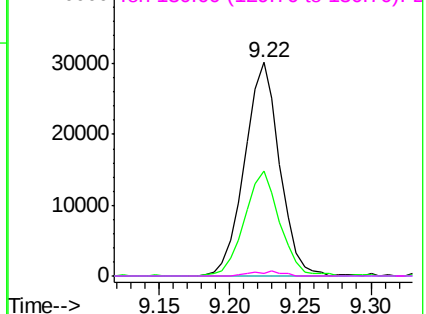
42 49.1 54.0 81.0#

101 0.0 8.6 13.0#

130 1.5 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

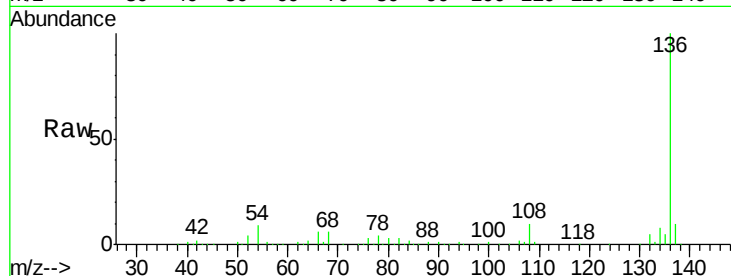




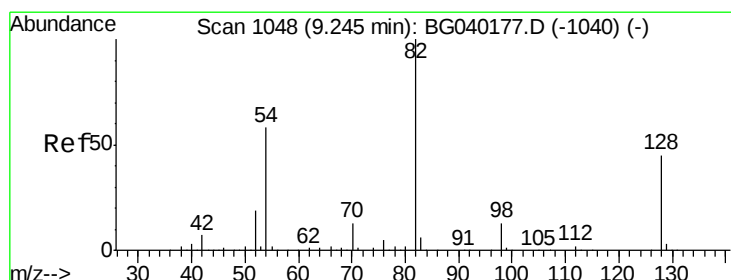
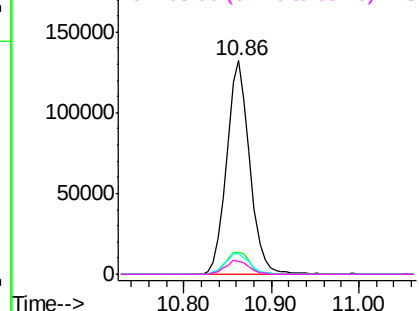
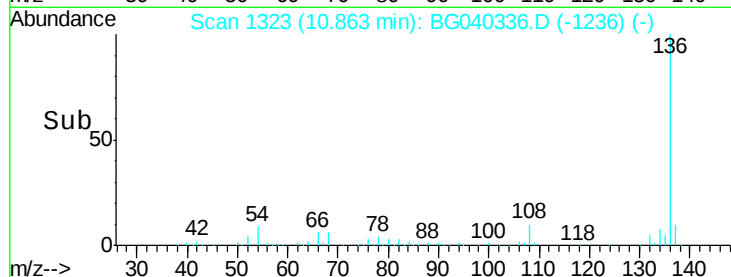
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	239299
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.9 13.3
54	9.4	9.6 14.4
68	6.0	5.1 7.7

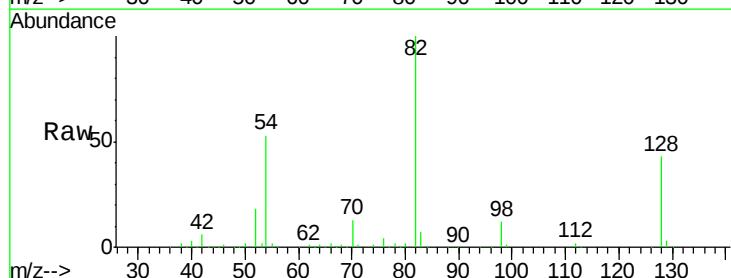


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

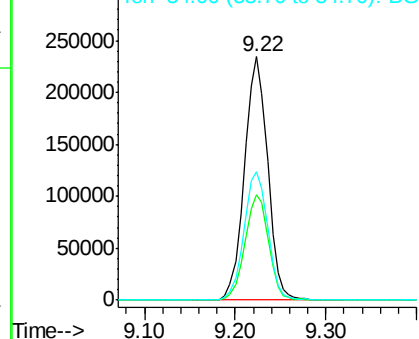
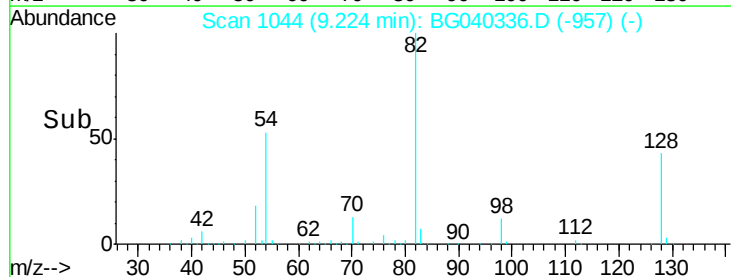


#23
Nitrobenzene-d5
Concen: 92.570 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Tgt Ion: 82	Resp:	416753
Ion	Ratio	Lower Upper
82	100	
128	43.3	35.8 53.8
54	53.0	46.2 69.2



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

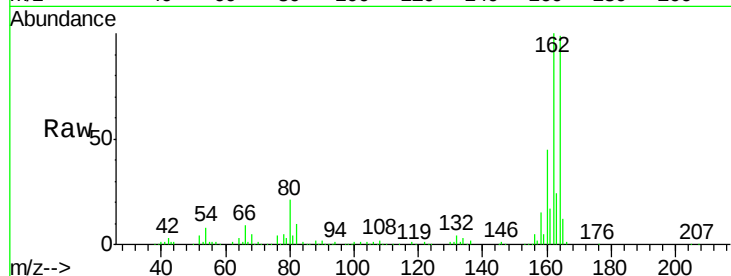




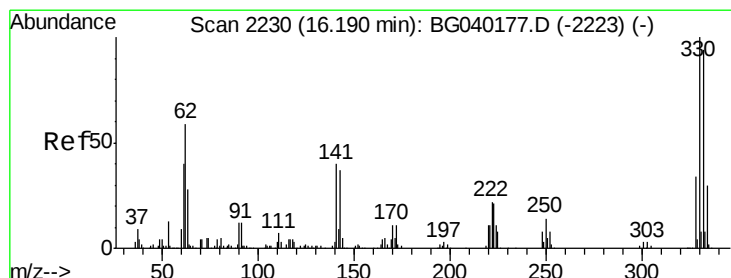
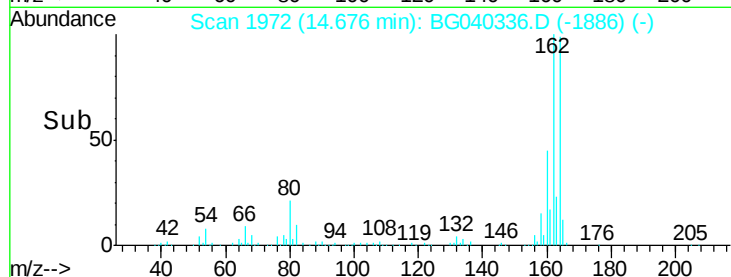
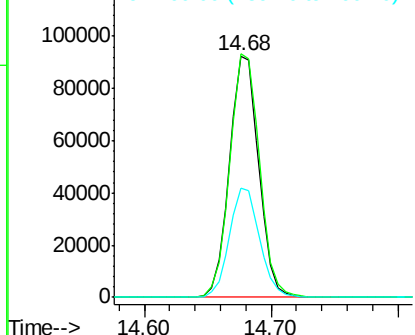
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 146553
Ion Ratio Lower Upper
164 100
162 100.8 77.4 116.2
160 45.1 35.3 52.9

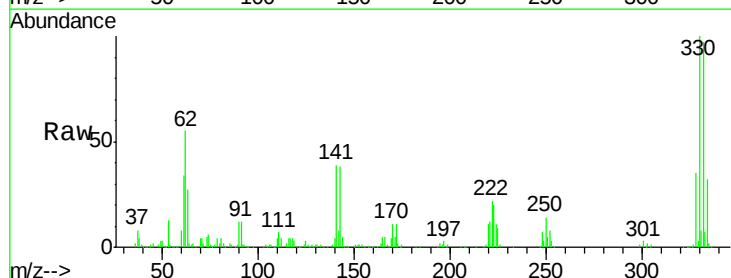


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

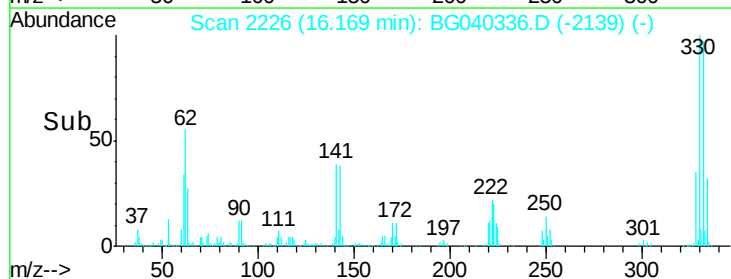
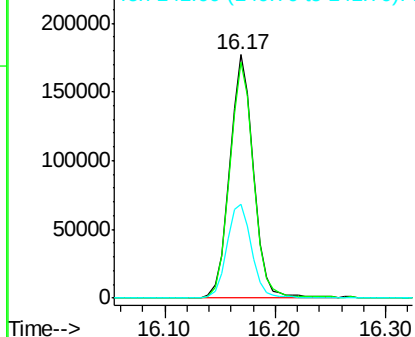


#42
2,4,6-Tribromophenol
Concen: 168.482 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Tgt Ion:330 Resp: 266851
Ion Ratio Lower Upper
330 100
332 97.7 76.6 115.0
141 40.5 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

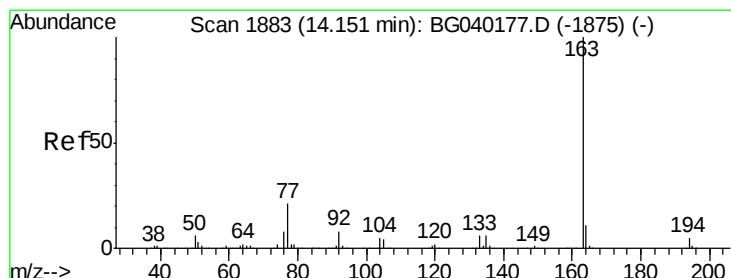
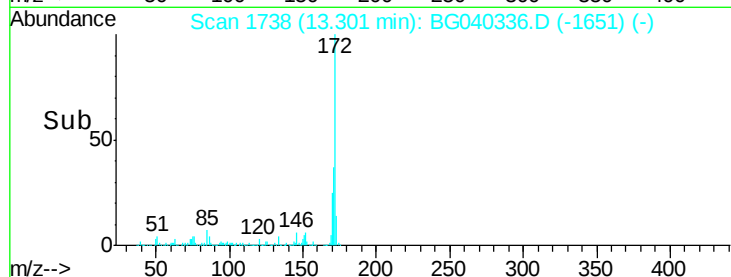
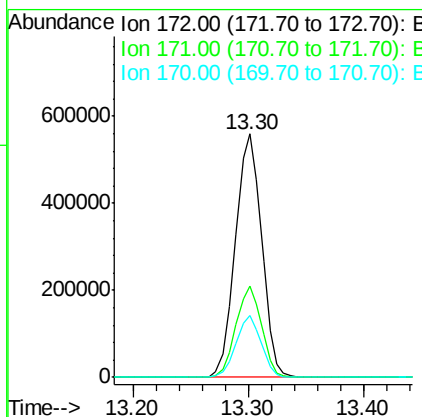
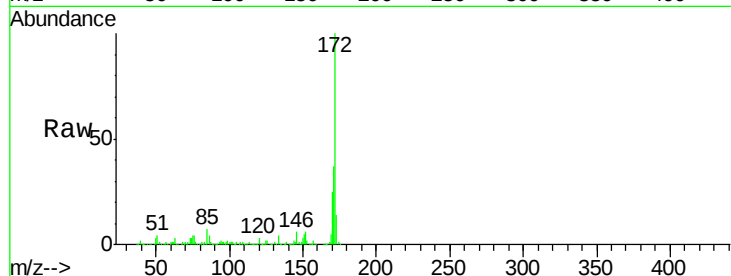




#45
2-Fluorobiphenyl
Concen: 89.248 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

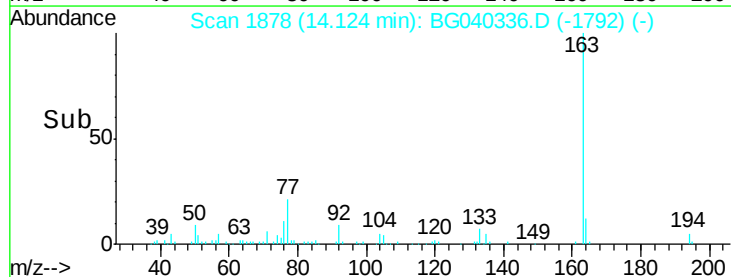
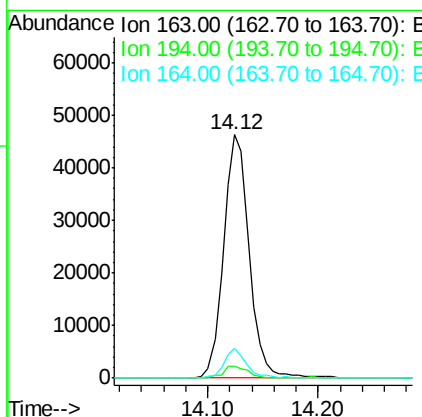
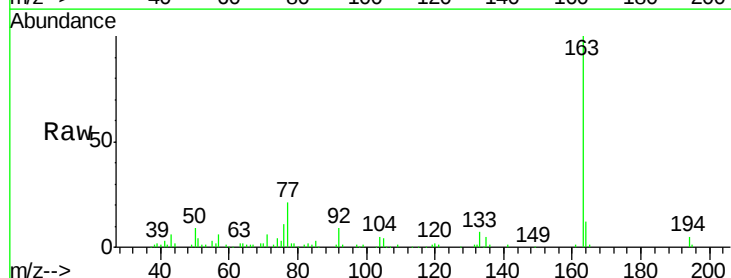
Instrument :
BNA_G
ClientSampleId :

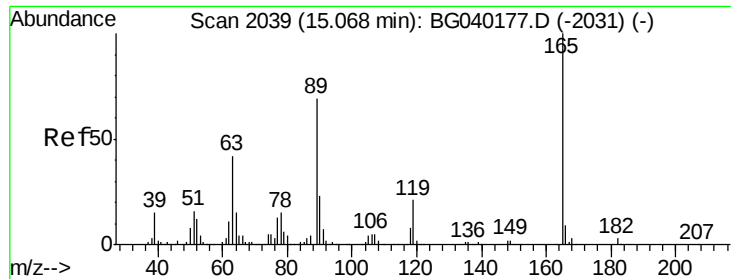
Tot Ion:172 Resp: 882704
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 25.2 20.1 30.1



#50
Dimethylphthalate
Concen: 6.541 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040336.D
Acq: 3 Apr 2019 21:47

Tgt Ion:163 Resp: 75023
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 12.4 8.6 13.0

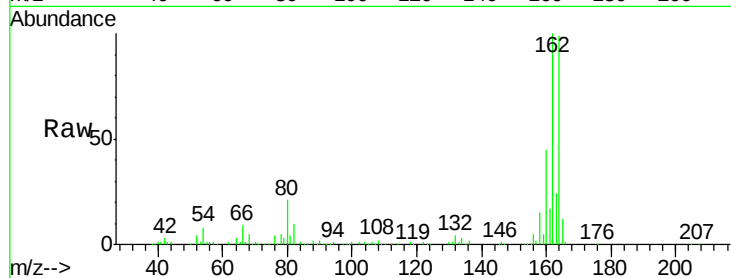




#57
 2,4-Dinitrotoluene
 Concen: 5.131 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040336.D
 Acq: 3 Apr 2019 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	2.4	55.4	83.2#
182	0.0	2.2	3.4#

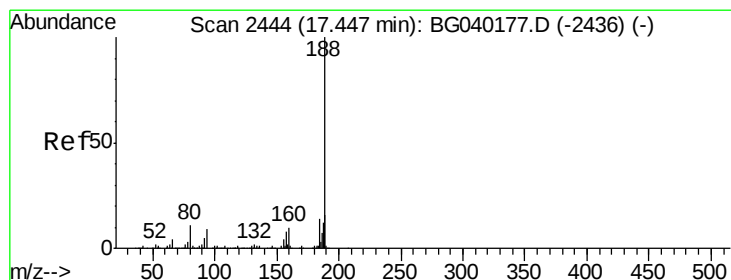
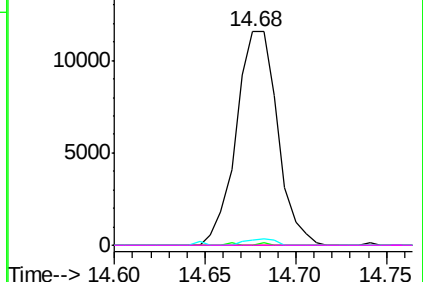
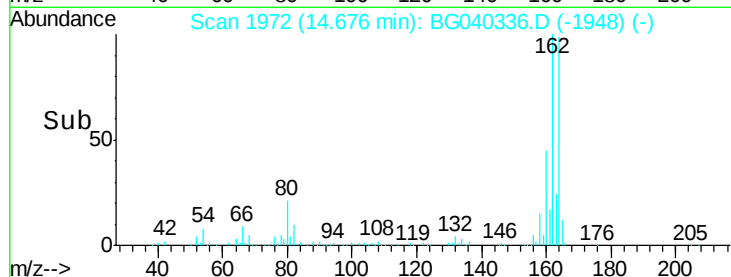


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

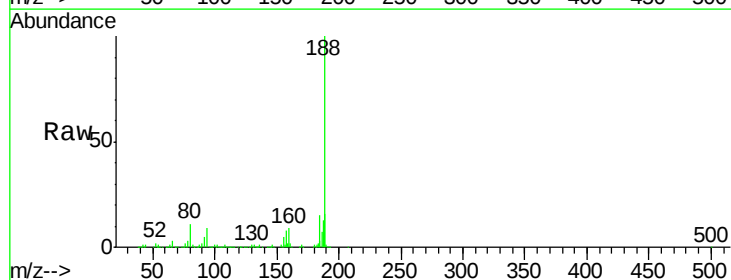
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040336.D
 Acq: 3 Apr 2019 21:47

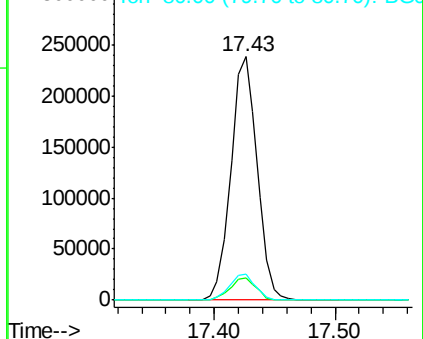
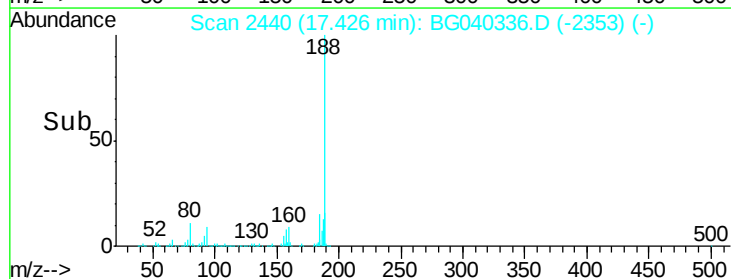
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.9	8.6	13.0



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: 4.926 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

Instrument :

BNA_G

ClientSampleId :

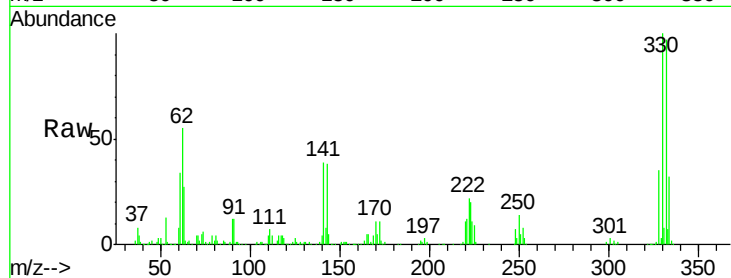
Tot Ion:248 Resp: 20041

Ion Ratio Lower Upper

248 100

250 187.9 76.4 114.6#

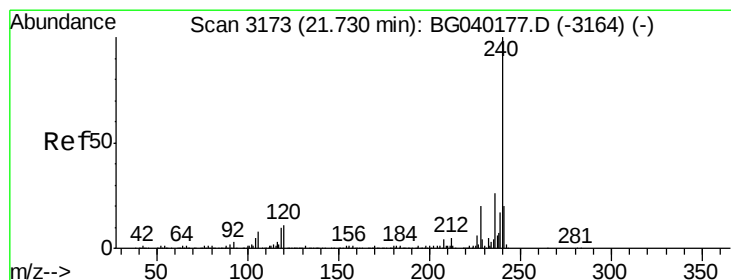
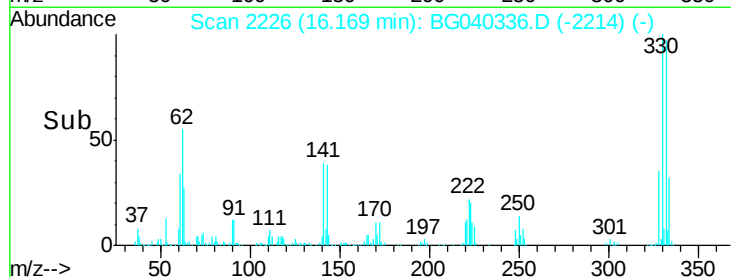
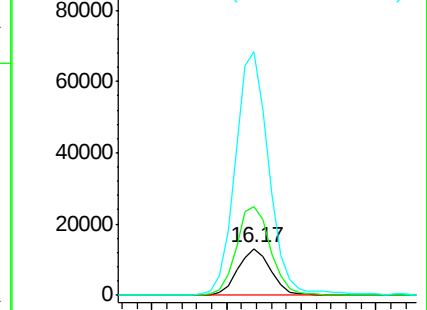
141 516.5 53.8 80.8#



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# 3167

Delta R.T. -0.03 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

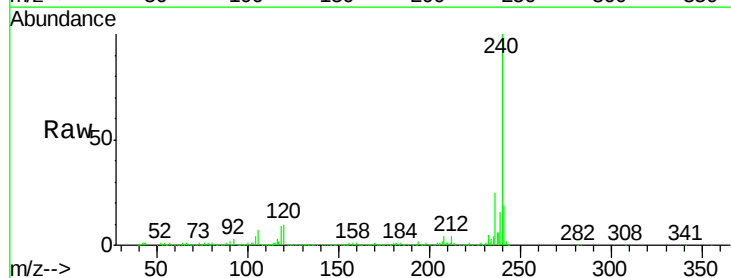
Tgt Ion:240 Resp: 403358

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

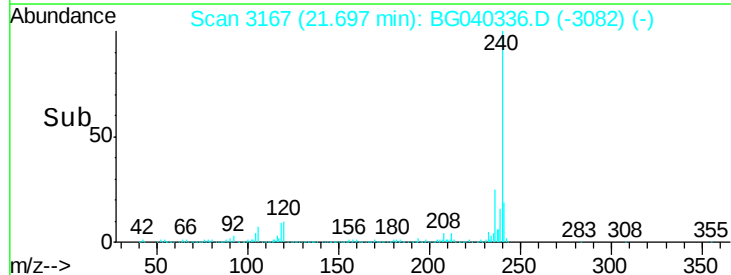
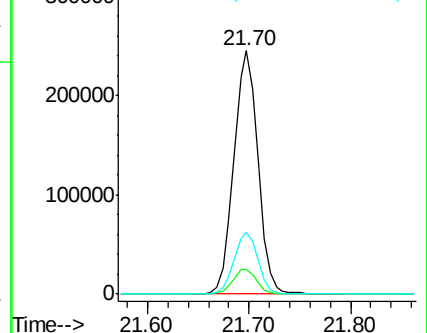
236 25.2 20.8 31.2

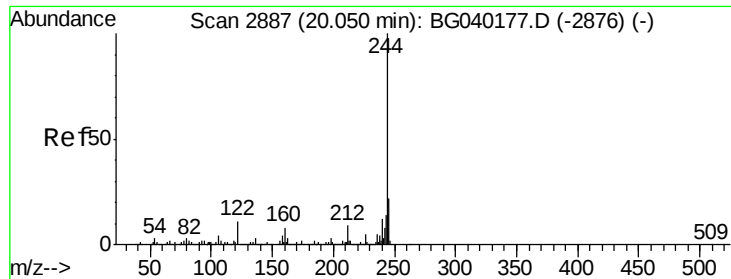


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.755 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

Instrument :

BNA_G

ClientSampled :

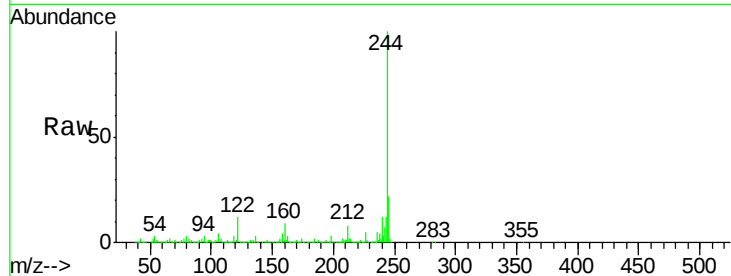
Tot Ion:244 Resp: 1394135

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

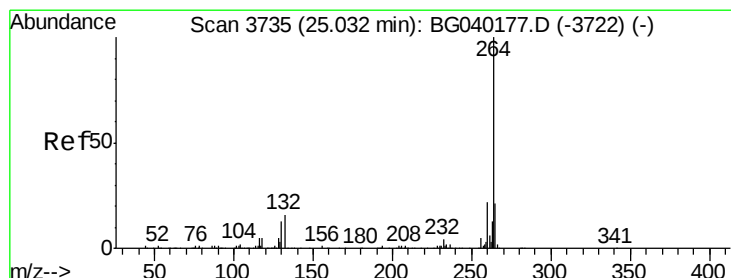
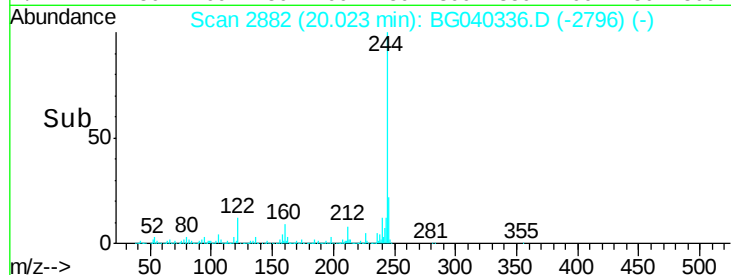
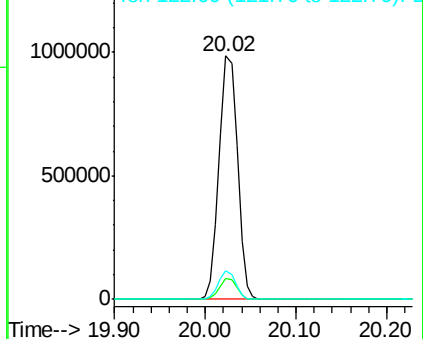
122 11.8 8.5 12.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040336.D

Acq: 3 Apr 2019 21:47

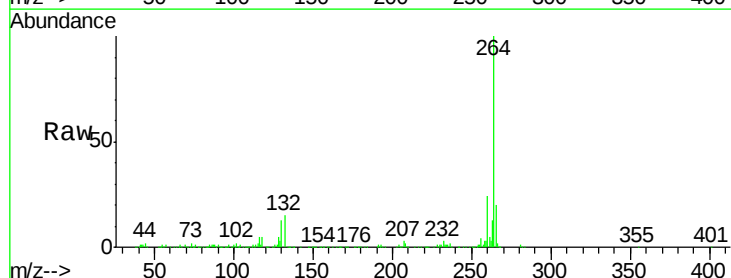
Tgt Ion:264 Resp: 399778

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 19.8 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

