

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040919\
 Data File : BG040399.D
 Acq On : 9 Apr 2019 15:04
 Operator : JU/SJ
 Sample : K2317-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 10 00:51:09 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

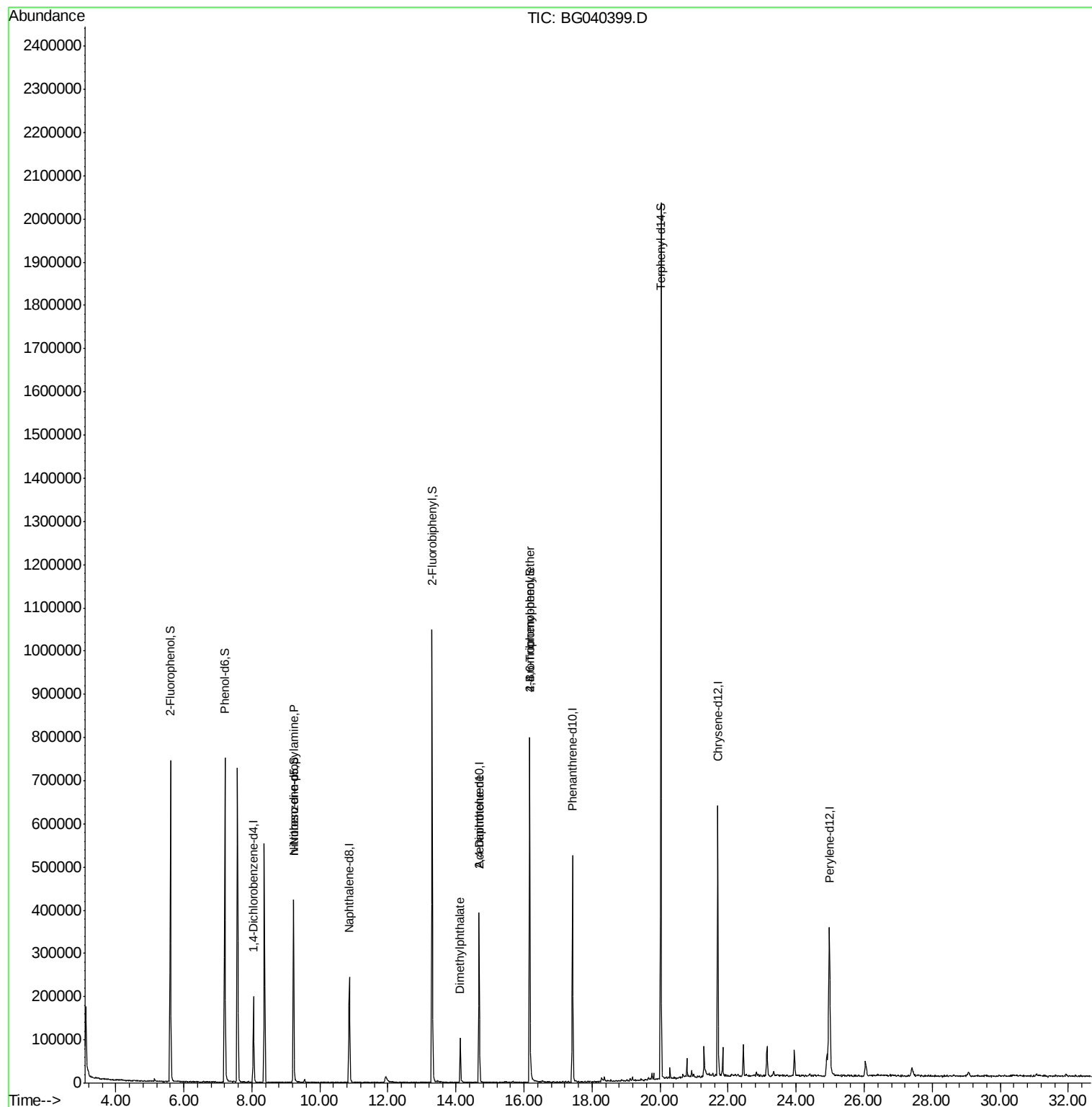
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	57258	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	232516	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	142356	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	353873	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	381095	20.00	ng	-0.03
87) Perylene-d12	24.98	264	389056	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	339286	98.51	ng	-0.01
7) Phenol-d6	7.20	99	468101	98.34	ng	-0.02
23) Nitrobenzene-d5	9.22	82	269728	61.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	152933	99.40	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	597361	62.18	ng	-0.03
79) Terphenyl-d14	20.02	244	960223	56.68	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	34582	10.133	ng	# 69
50) Dimethylphthalate	14.13	163	75671	6.792	ng	# 98
57) 2,4-Dinitrotoluene	14.68	165	18093	5.205	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	11634	2.921	ng	# 1

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

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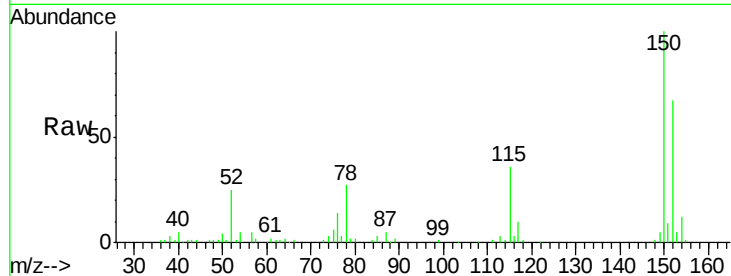


#1

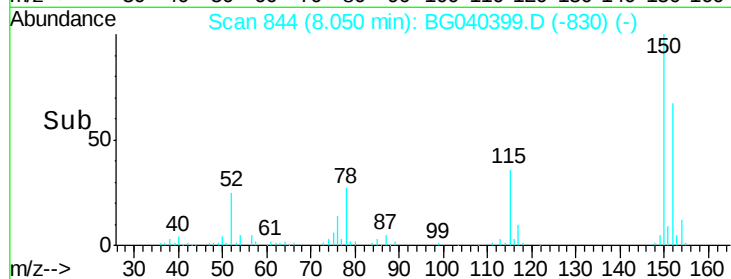
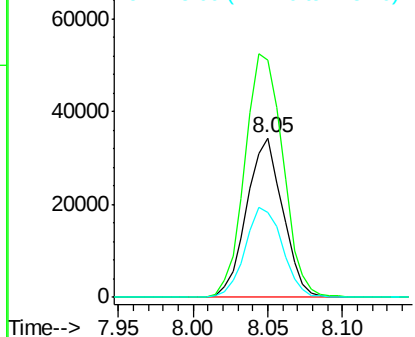
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040399.D
Acq: 9 Apr 2019 15:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57258
Ion Ratio Lower Upper
152 100
150 148.9 123.7 185.5
115 53.5 46.9 70.3



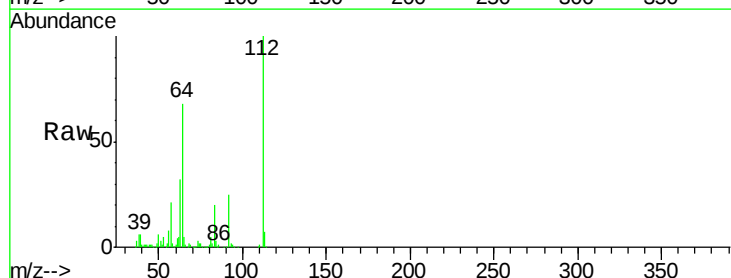
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



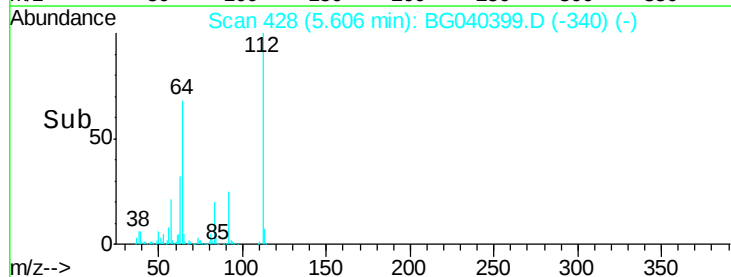
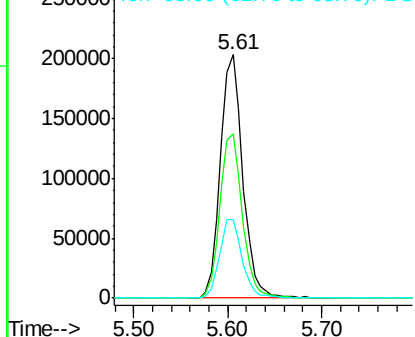
#5

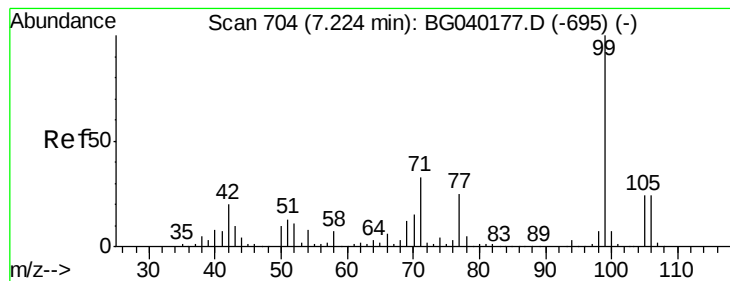
2-Fluorophenol
Concen: 98.507 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040399.D
Acq: 9 Apr 2019 15:04

Tgt Ion:112 Resp: 339286
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.2
63 32.4 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: 98.340 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040399.D

Acq: 9 Apr 2019 15:04

Instrument :

BNA_G

ClientSampleId :

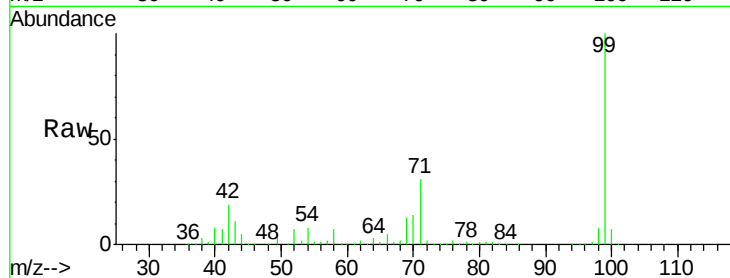
Tot Ion: 99 Resp: 468101

Ion Ratio Lower Upper

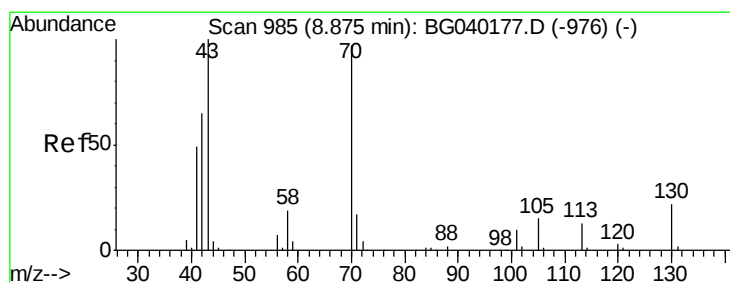
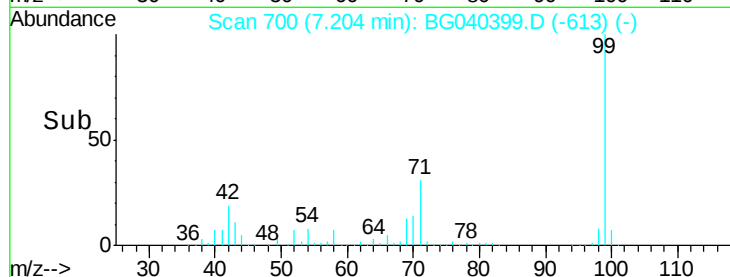
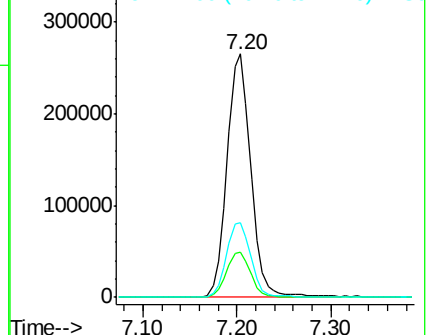
99 100

42 18.7 16.2 24.2

71 30.8 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: 10.133 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040399.D

Acq: 9 Apr 2019 15:04

Tgt Ion: 70 Resp: 34582

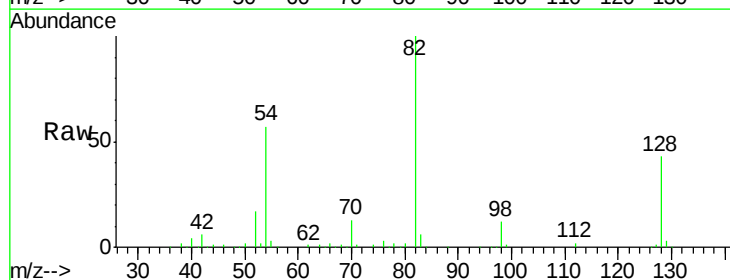
Ion Ratio Lower Upper

70 100

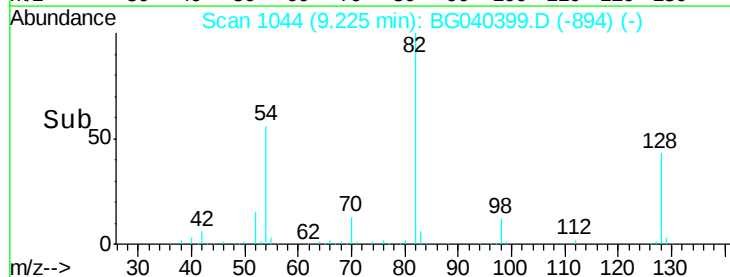
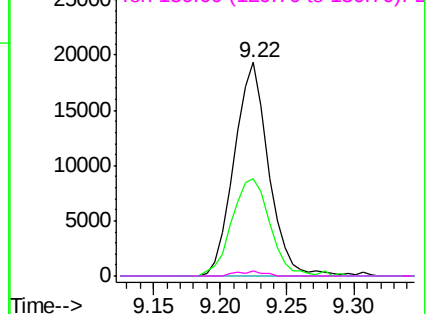
42 45.6 54.0 81.0#

101 0.0 8.6 13.0#

130 2.3 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

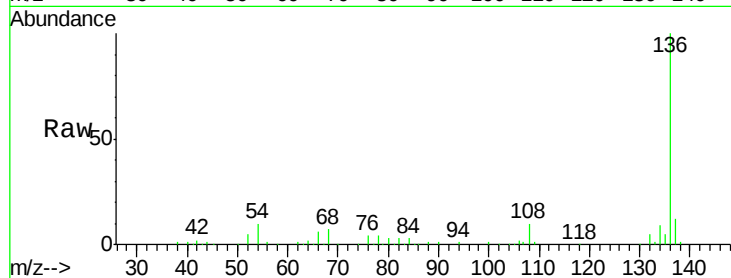




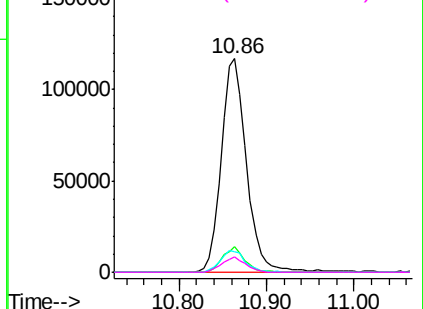
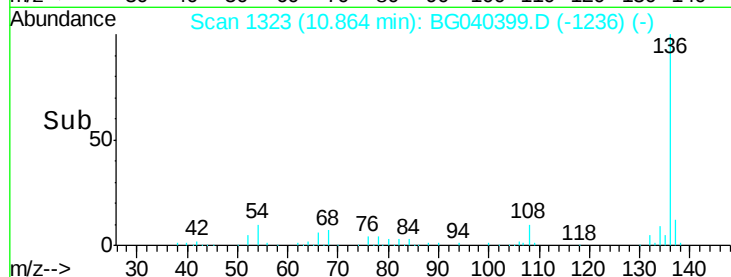
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040399.D
Acq: 9 Apr 2019 15:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	232516
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.9 13.3
54	9.7	9.6 14.4
68	7.1	5.1 7.7

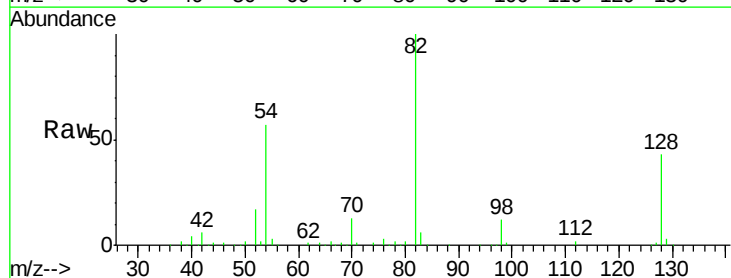


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

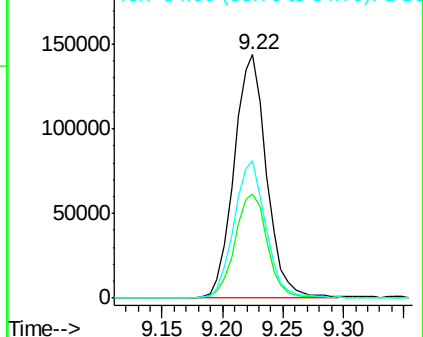
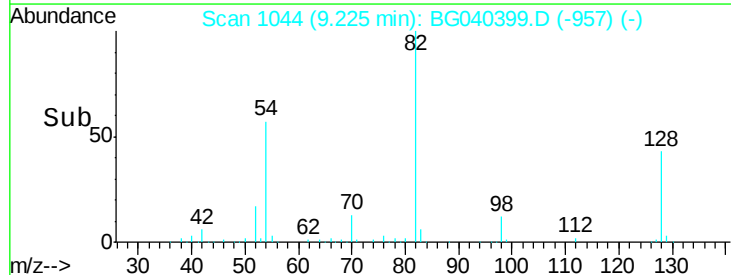


#23
Nitrobenzene-d5
Concen: 61.660 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040399.D
Acq: 9 Apr 2019 15:04

Tgt Ion: 82	Resp:	269728
Ion Ratio	Lower	Upper
82	100	
128	42.7	35.8 53.8
54	56.7	46.2 69.2



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

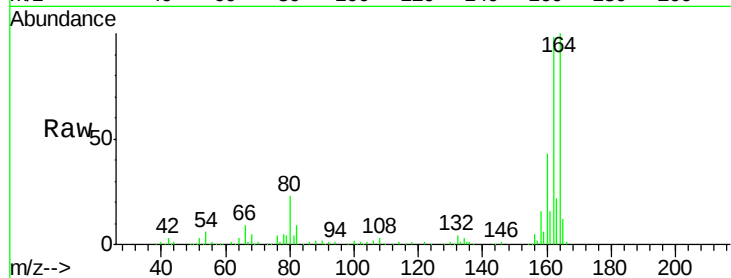




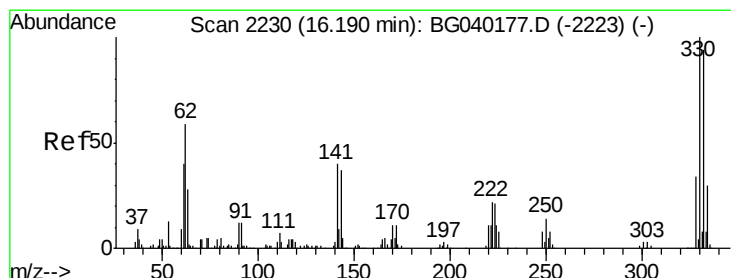
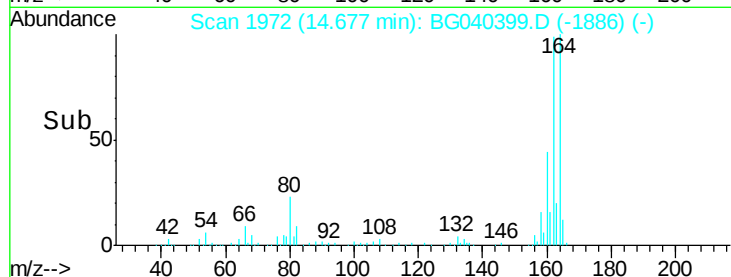
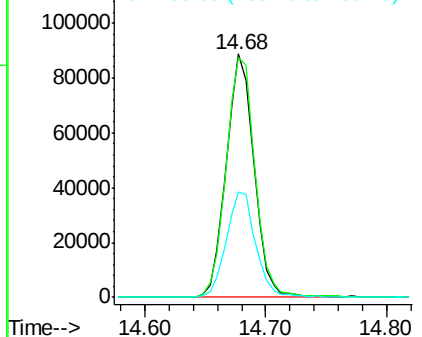
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040399.D
Acq: 9 Apr 2019 15:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 142356
Ion Ratio Lower Upper
164 100
162 98.4 77.4 116.2
160 43.5 35.3 52.9

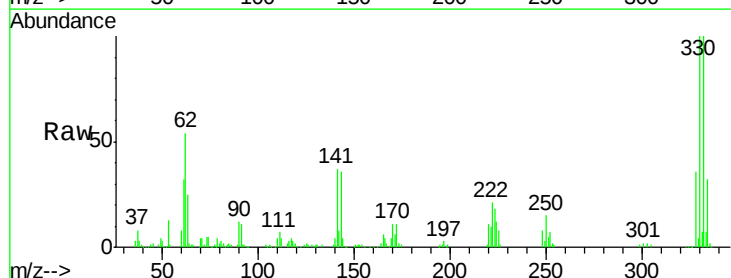


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

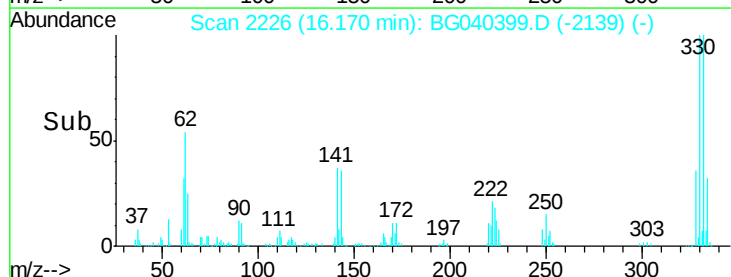
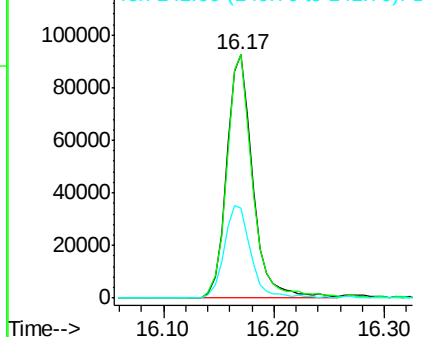


#42
2,4,6-Tribromophenol
Concen: 99.404 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040399.D
Acq: 9 Apr 2019 15:04

Tgt Ion:330 Resp: 152933
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 38.8 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: 62.178 ng

RT: 13.30 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040399.D

Acq: 9 Apr 2019 15:04

Instrument :

BNA_G

ClientSampled :

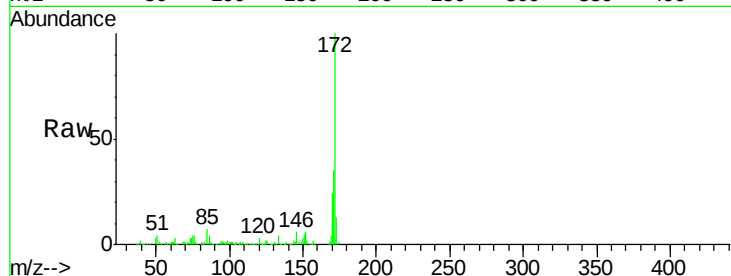
Tot Ion:172 Resp: 597361

Ion Ratio Lower Upper

172 100

171 35.1 30.5 45.7

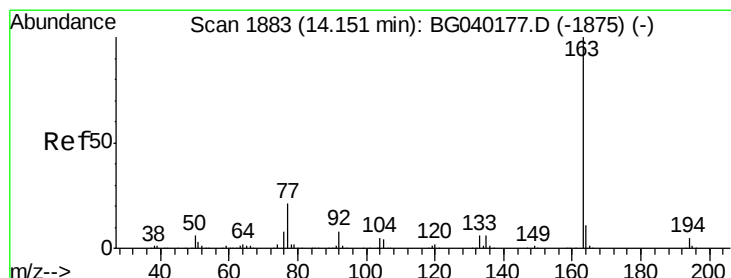
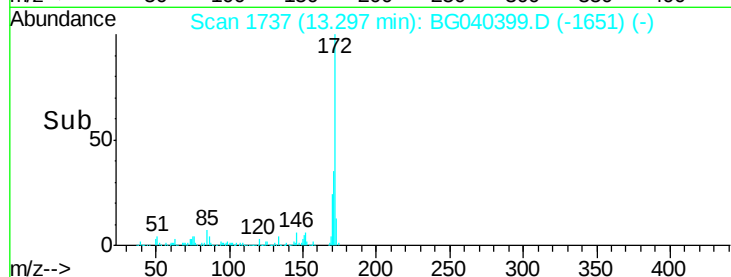
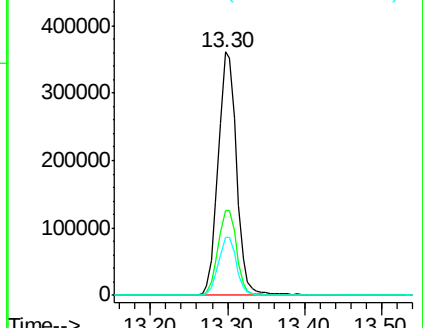
170 23.9 20.1 30.1



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



#50

Dimethylphthalate

Concen: 6.792 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040399.D

Acq: 9 Apr 2019 15:04

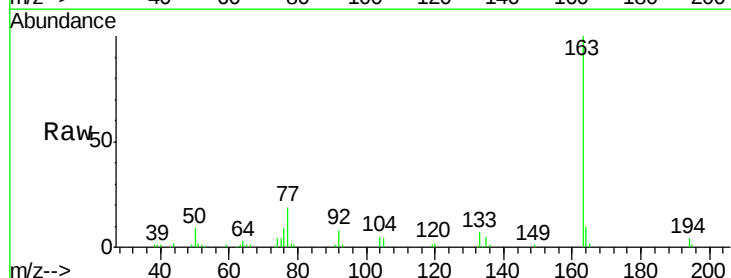
Tgt Ion:163 Resp: 75671

Ion Ratio Lower Upper

163 100

194 3.6 4.1 6.1#

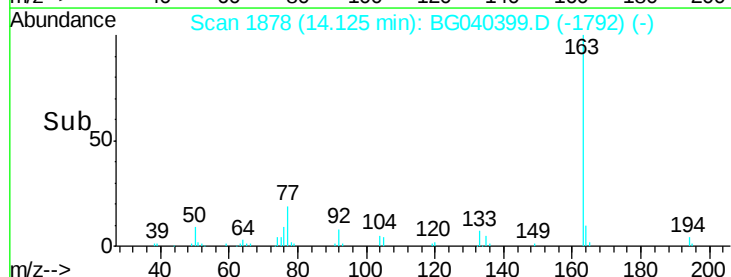
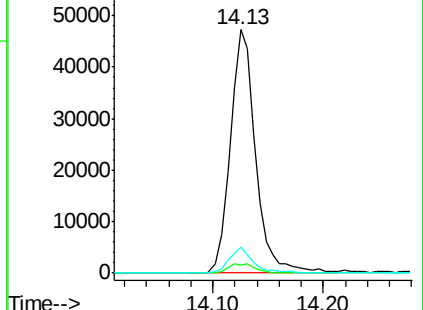
164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

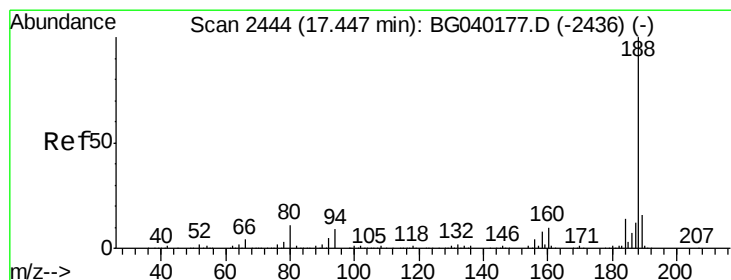
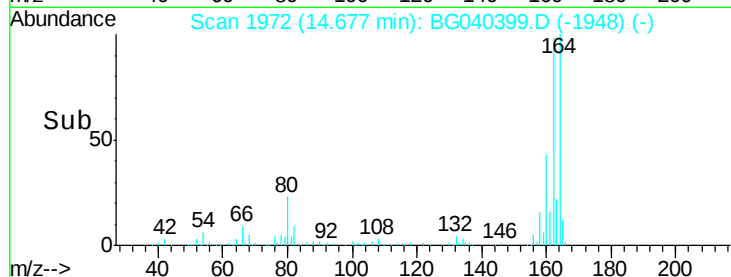
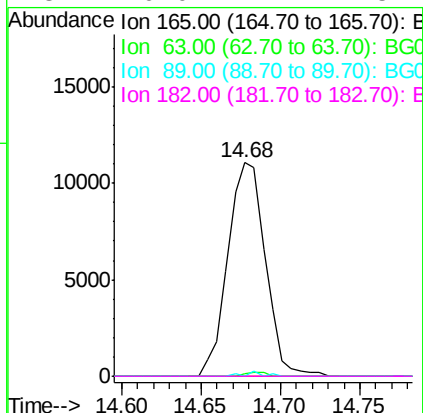
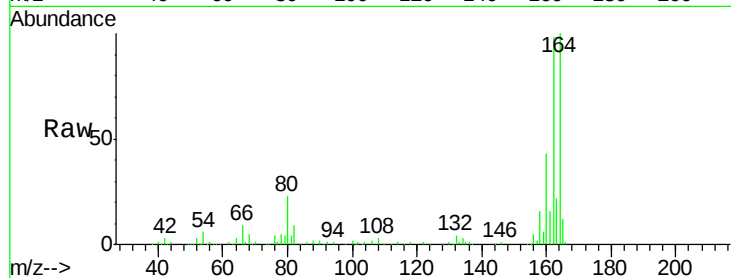




#57
 2,4-Dinitrotoluene
 Concen: 5.205 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040399.D
 Acq: 9 Apr 2019 15:04

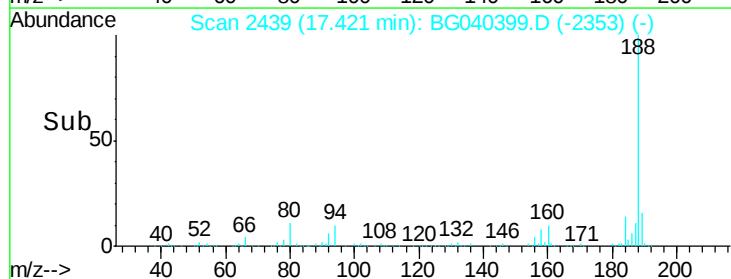
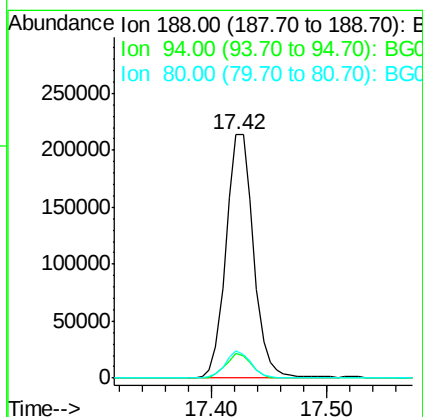
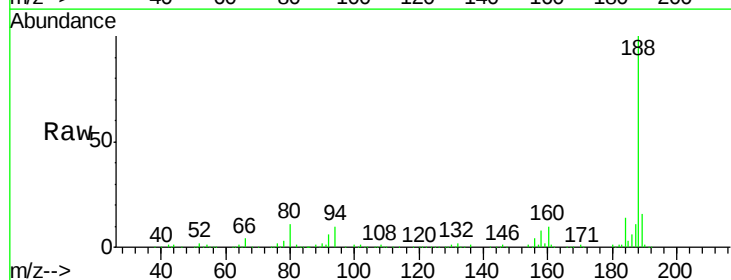
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040399.D
 Acq: 9 Apr 2019 15:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.4
80	11.1	8.6	13.0

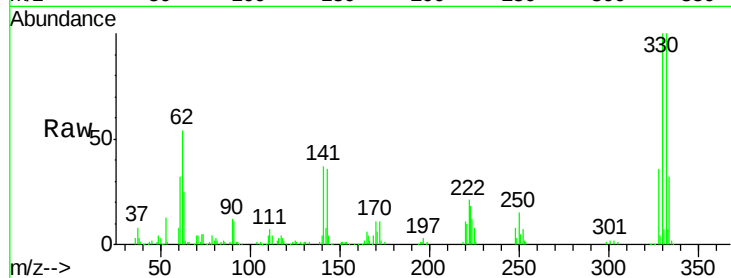




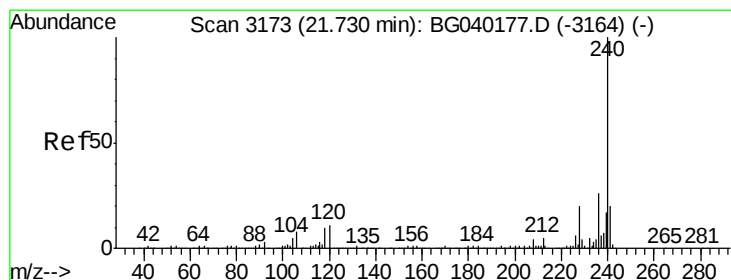
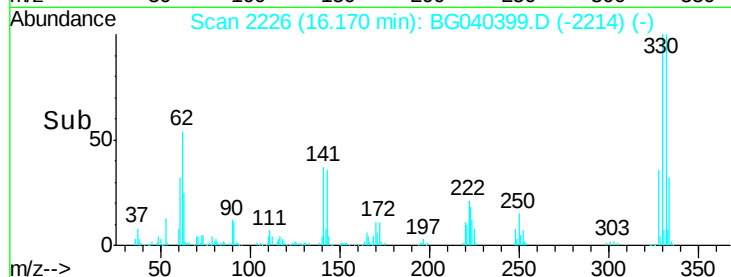
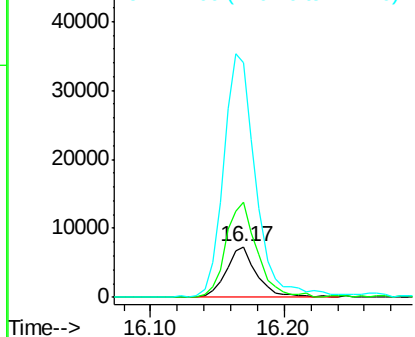
#67
 4-Bromophenyl-phenylether
 Concen: 2.921 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040399.D
 Acq: 9 Apr 2019 15:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 11634
 Ion Ratio Lower Upper
 248 100
 250 188.5 76.4 114.6#
 141 466.6 53.8 80.8#

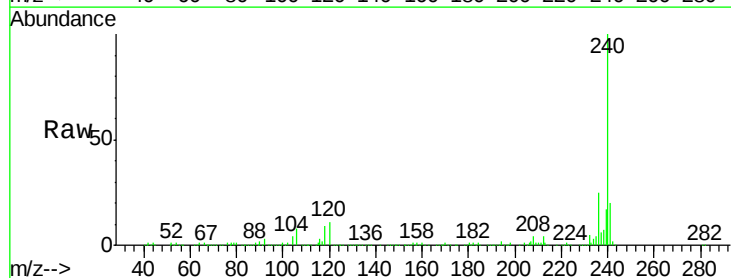


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

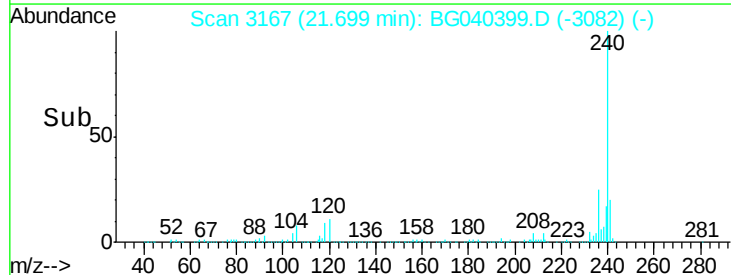
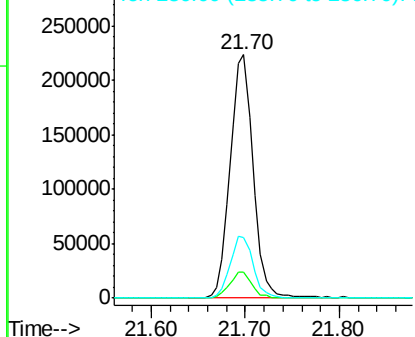


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.03 min
 Lab File: BG040399.D
 Acq: 9 Apr 2019 15:04

Tgt Ion:240 Resp: 381095
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.4 12.6
 236 24.9 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: 56.683 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040399.D

Acq: 9 Apr 2019 15:04

Instrument :

BNA_G

ClientSampleId :

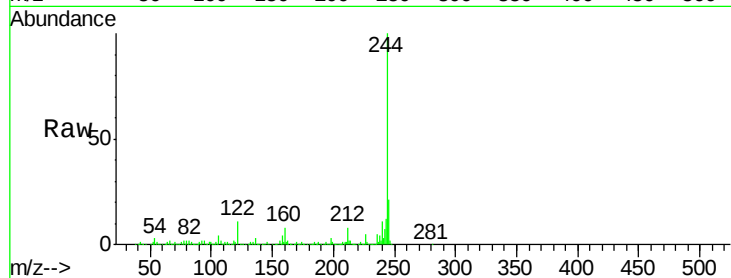
Tot Ion:244 Resp: 960223

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.6

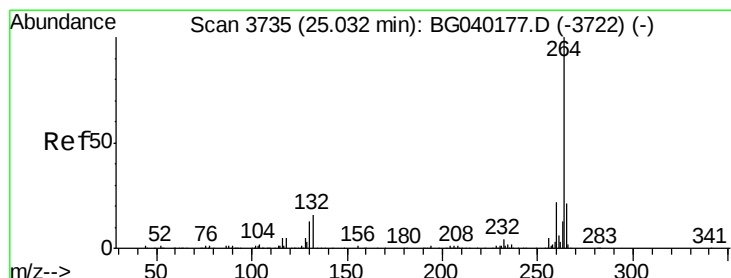
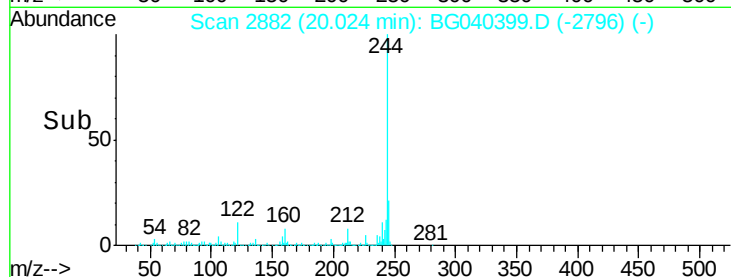
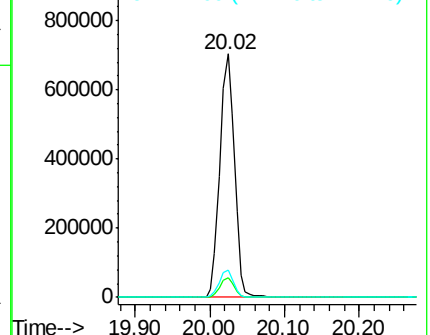
122 11.3 8.5 12.7



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# 3725

Delta R.T. -0.06 min

Lab File: BG040399.D

Acq: 9 Apr 2019 15:04

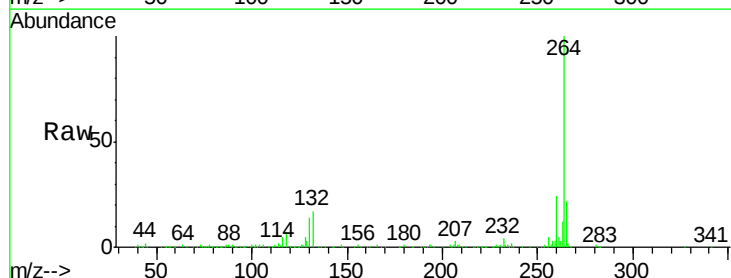
Tgt Ion:264 Resp: 389056

Ion Ratio Lower Upper

264 100

260 24.1 17.9 26.9

265 22.3 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

