

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040242.D
 Acq On : 30 Mar 2019 1:56
 Operator : JU/SJ
 Sample : K2121-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Mar 30 04:12:00 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

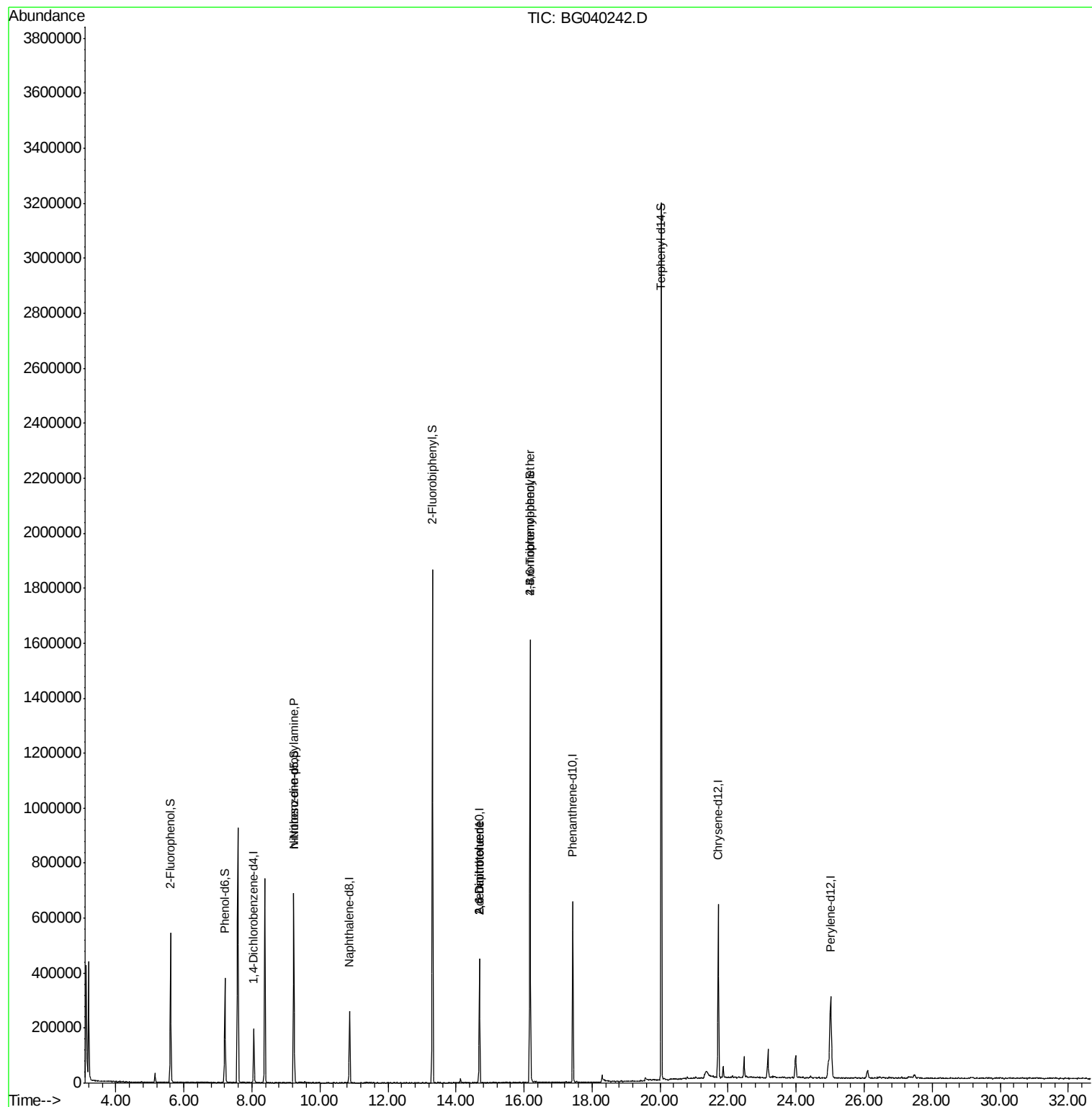
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55184	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	232807	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	162703	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	401851	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	390405	20.00	ng	-0.02
87) Perylene-d12	25.01	264	392764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246132	74.15	ng	0.00
7) Phenol-d6	7.20	99	226322	49.33	ng	-0.02
23) Nitrobenzene-d5	9.23	82	411554	93.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	275909	156.91	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	988212	90.00	ng	-0.02
79) Terphenyl-d14	20.03	244	1497371	86.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50456	15.340	ng	# 75
51) 2,6-Dinitrotoluene	14.68	165	20667	7.228	ng	# 24
57) 2,4-Dinitrotoluene	14.68	165	20667	5.202	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	21987	4.862	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# 845

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampleId :

MW-8

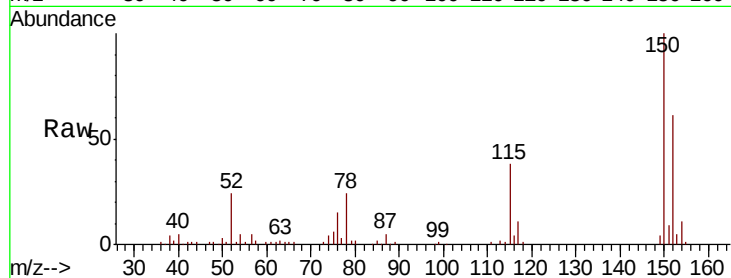
Tgt Ion:152 Resp: 55184

Ion Ratio Lower Upper

152 100

150 164.7 123.7 185.5

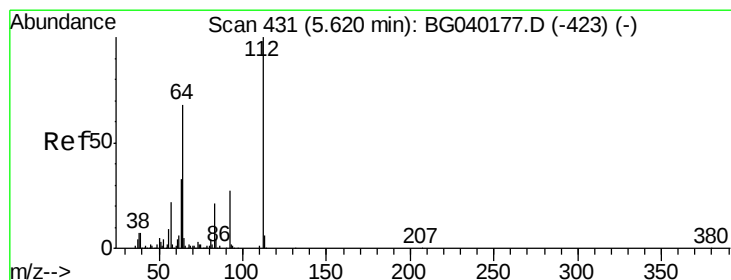
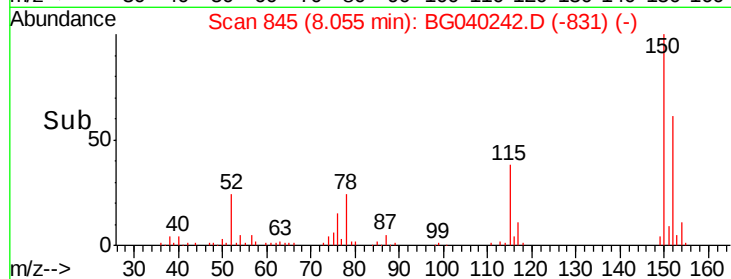
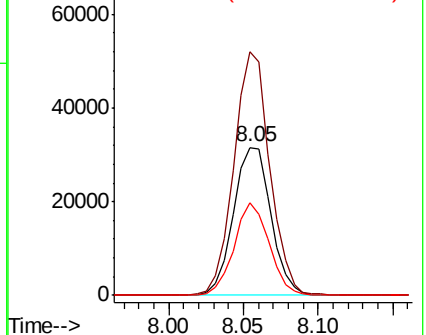
115 62.7 46.9 70.3



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: 74.147 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

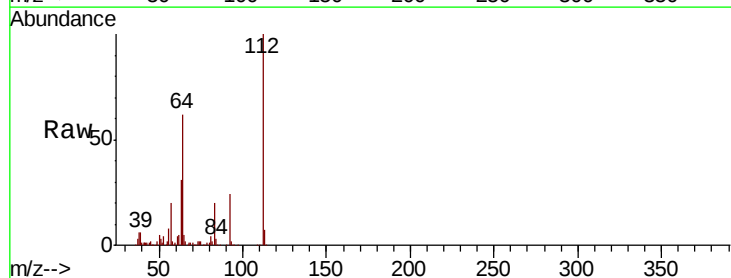
Tgt Ion:112 Resp: 246132

Ion Ratio Lower Upper

112 100

64 62.0 54.2 81.2

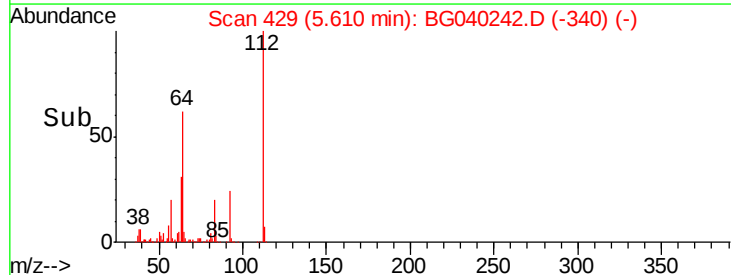
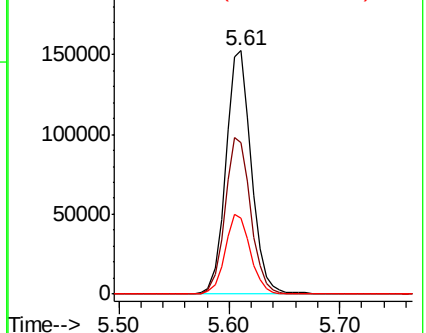
63 31.3 26.4 39.6



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: 49.333 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampleId :

MW-8

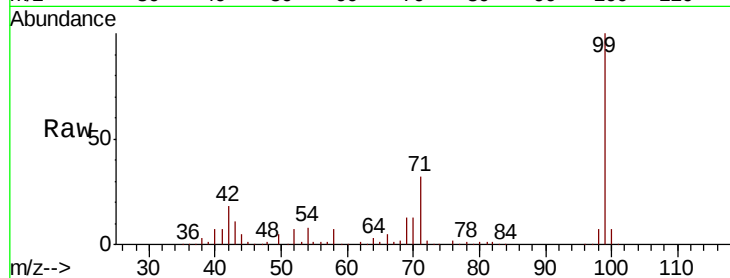
Tgt Ion: 99 Resp: 226322

Ion Ratio Lower Upper

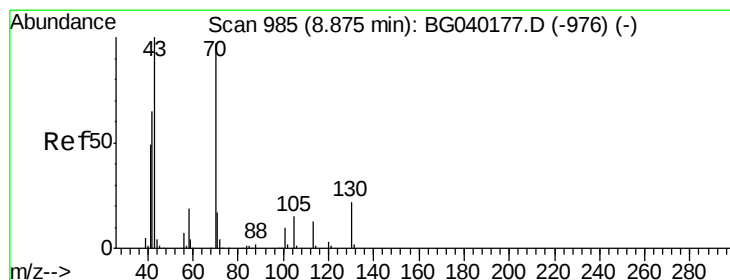
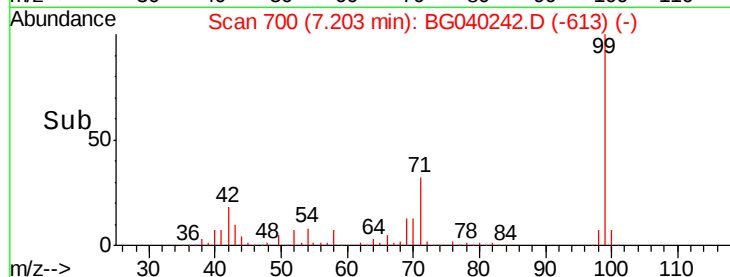
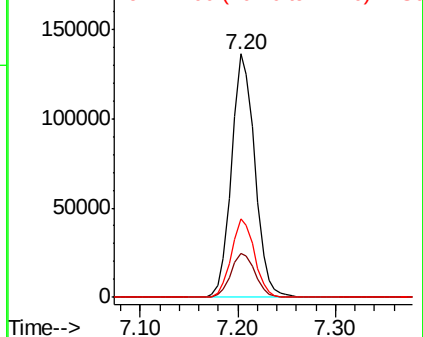
99 100

42 18.0 16.2 24.2

71 32.2 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: 15.340 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Tgt Ion: 70 Resp: 50456

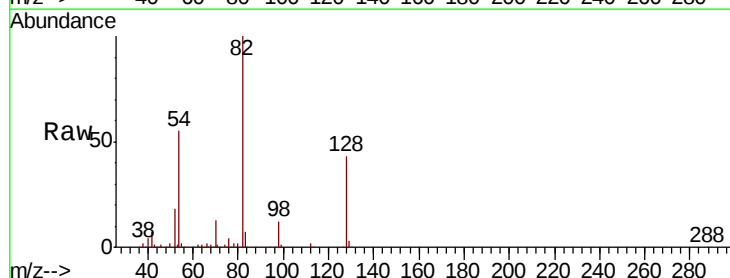
Ion Ratio Lower Upper

70 100

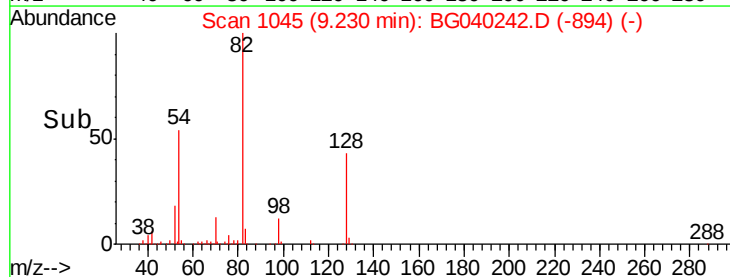
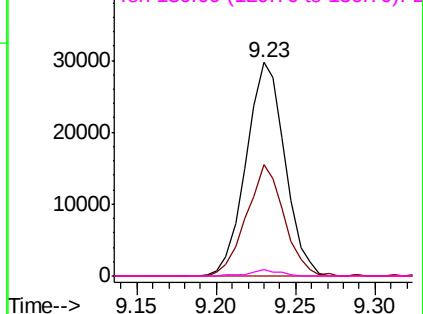
42 52.0 54.0 81.0#

101 0.0 8.6 13.0#

130 2.7 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

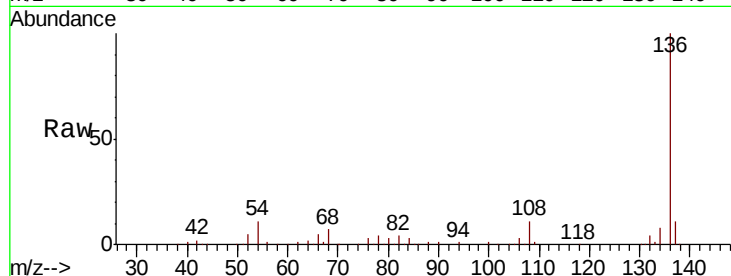




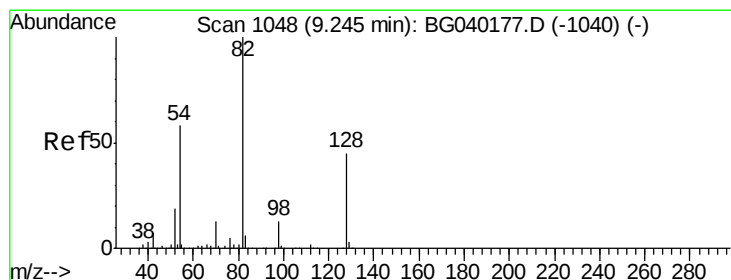
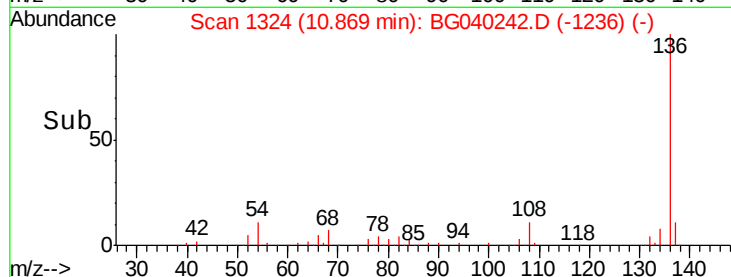
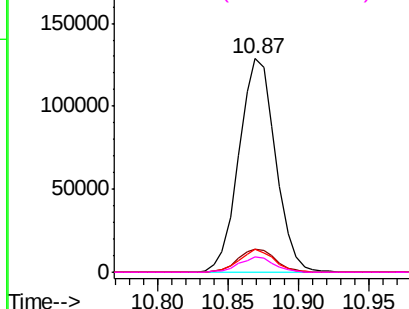
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040242.D
Acq: 30 Mar 2019 1:56

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:	136	Resp:	232807
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.0	9.6	14.4
68	7.2	5.1	7.7

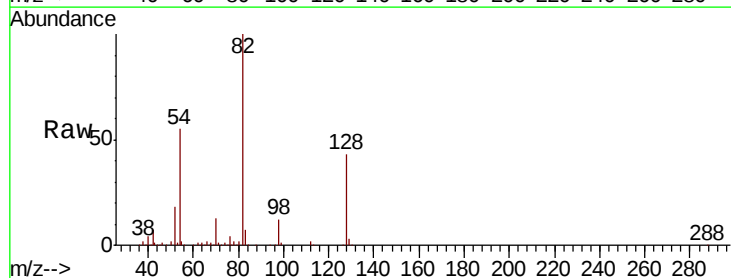


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

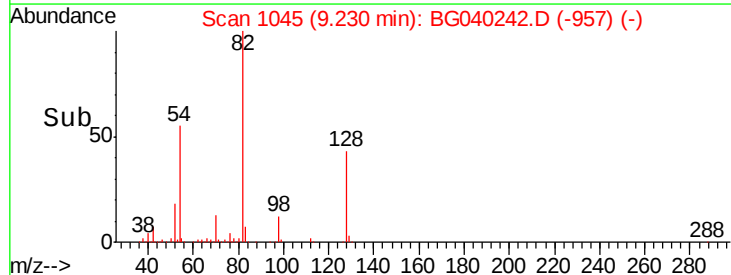
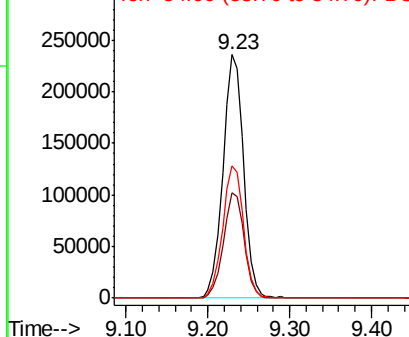


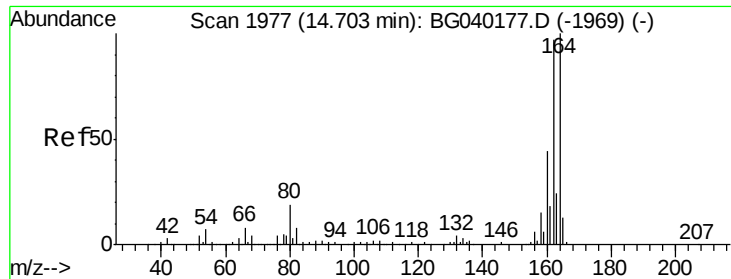
#23
Nitrobenzene-d5
Concen: 93.964 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040242.D
Acq: 30 Mar 2019 1:56

Tgt Ion:	82	Resp:	411554
Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.8	53.8
54	54.6	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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampled :

MW-8

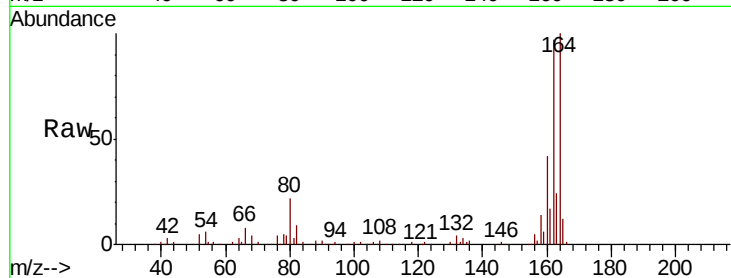
Tgt Ion:164 Resp: 162703

Ion Ratio Lower Upper

164 100

162 96.7 77.4 116.2

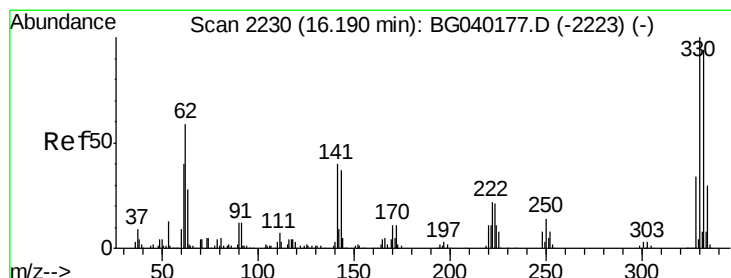
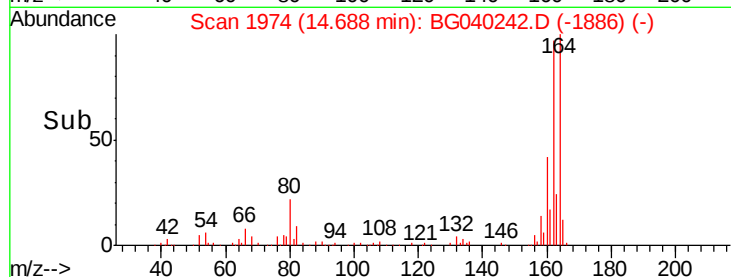
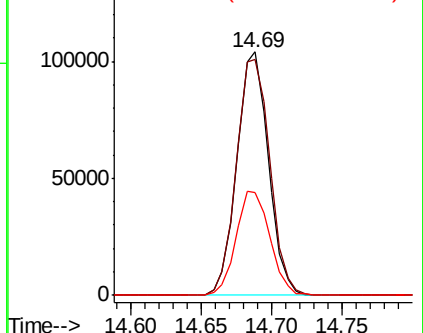
160 42.4 35.3 52.9



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: 156.910 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

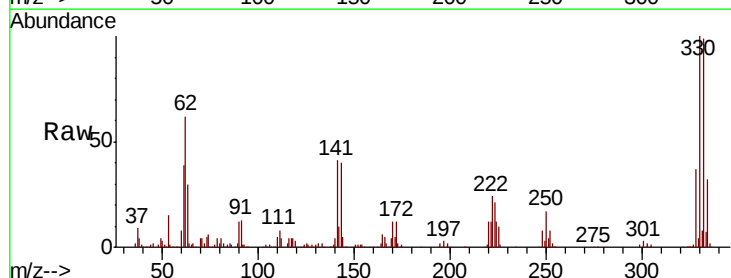
Tgt Ion:330 Resp: 275909

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

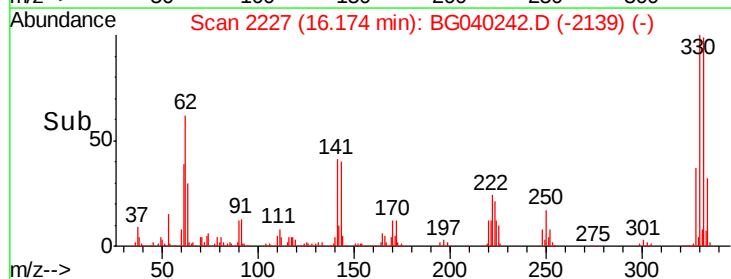
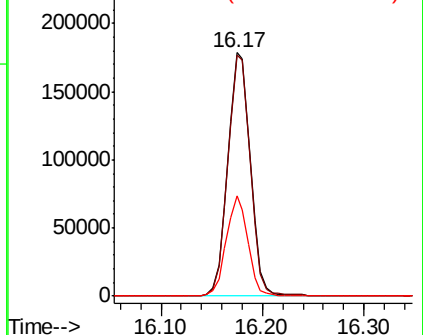
141 39.5 32.6 48.8



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

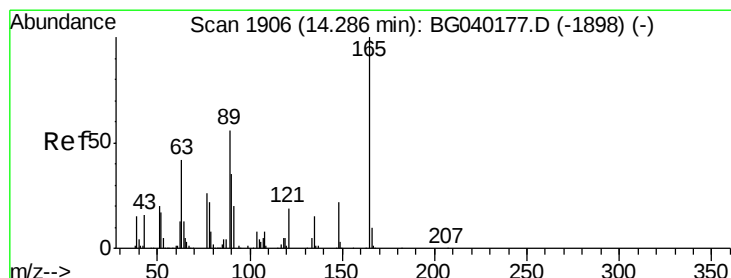
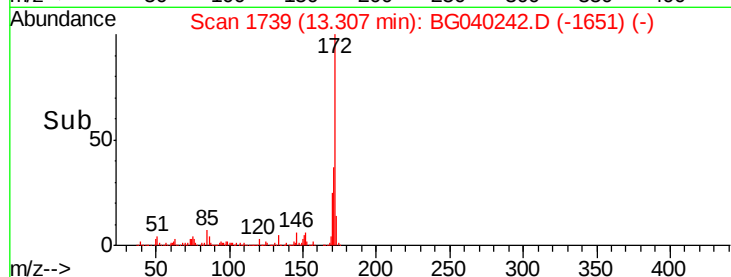
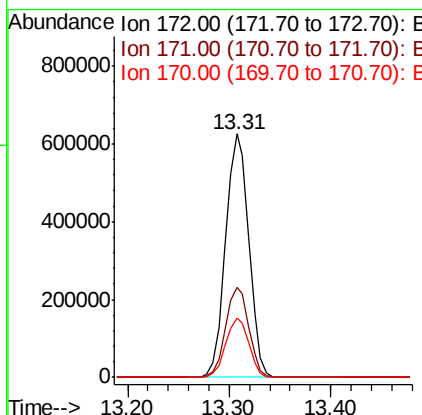
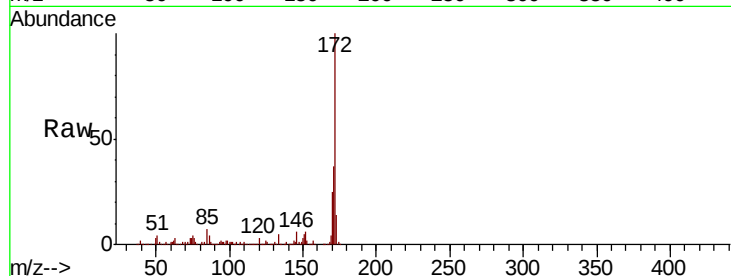




#45
2-Fluorobiphenyl
Concen: 89.998 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040242.D
Acq: 30 Mar 2019 1:56

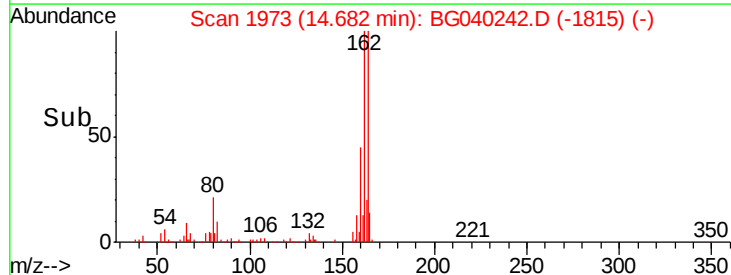
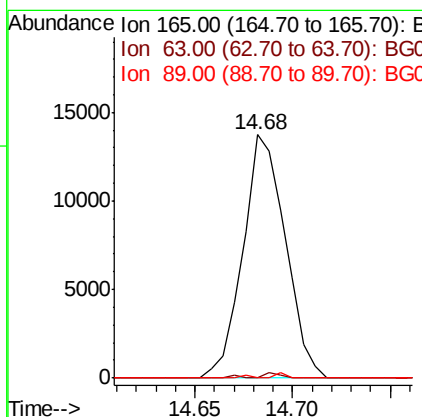
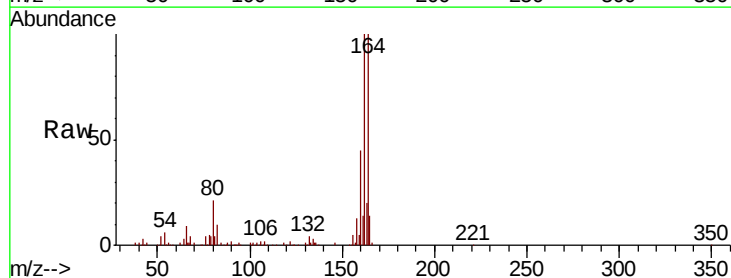
Instrument :
BNA_G
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MW-8

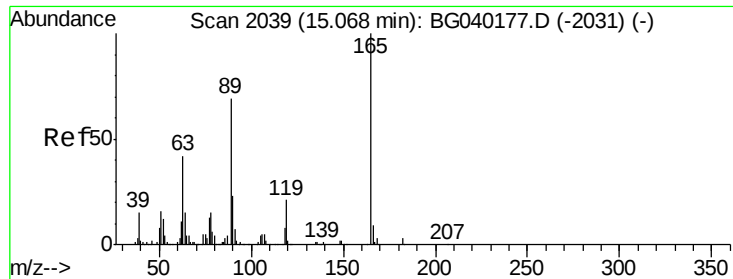
Tgt Ion:172 Resp: 988212
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.5 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.228 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040242.D
Acq: 30 Mar 2019 1:56

Tgt Ion:165 Resp: 20667
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 0.0 44.9 67.3#

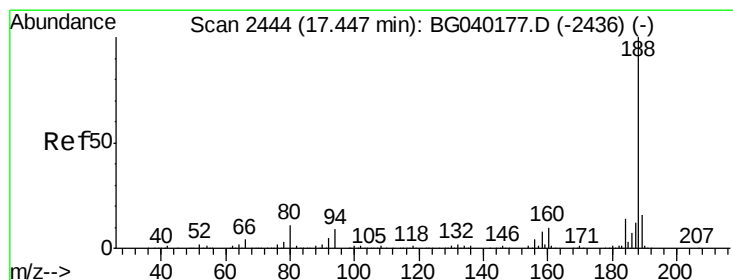
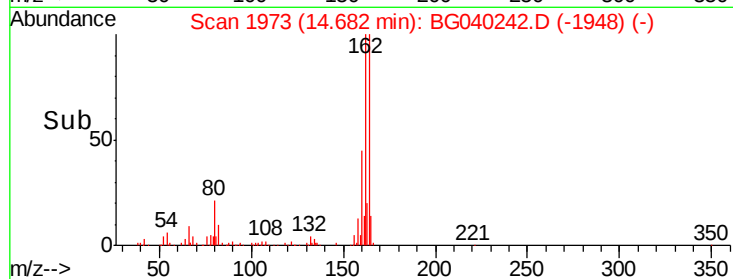
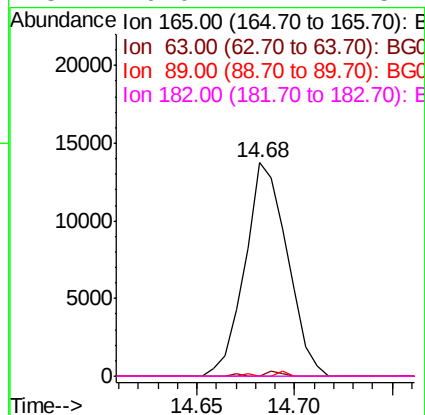
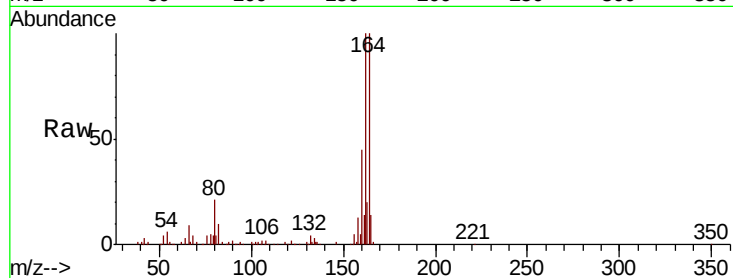




#57
 2,4-Dinitrotoluene
 Concen: 5.202 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040242.D
 Acq: 30 Mar 2019 1:56

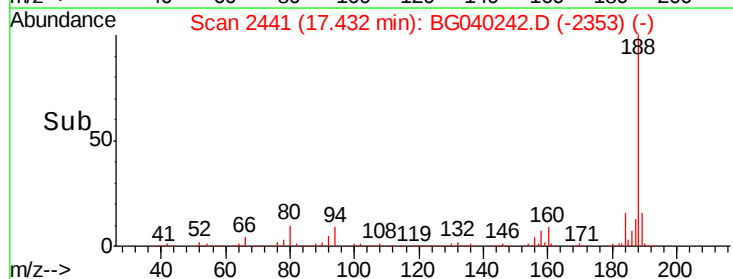
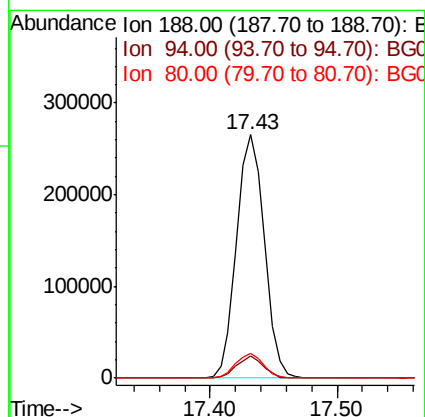
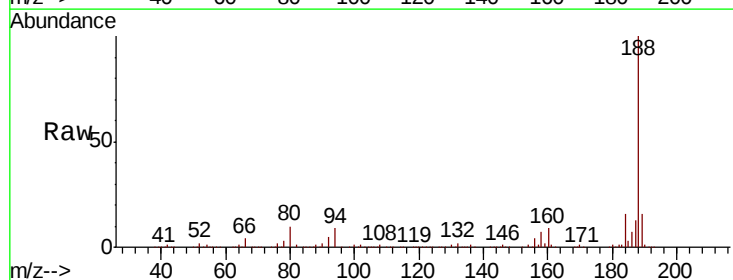
Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	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: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040242.D
 Acq: 30 Mar 2019 1:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.0	8.6	13.0

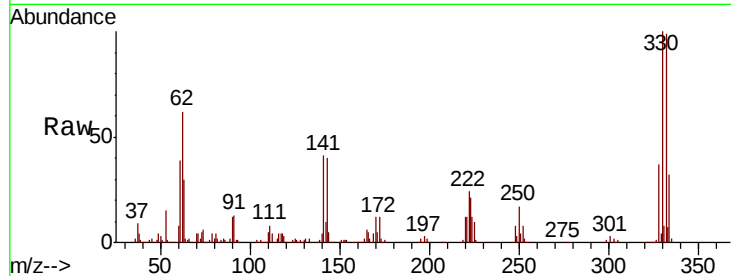




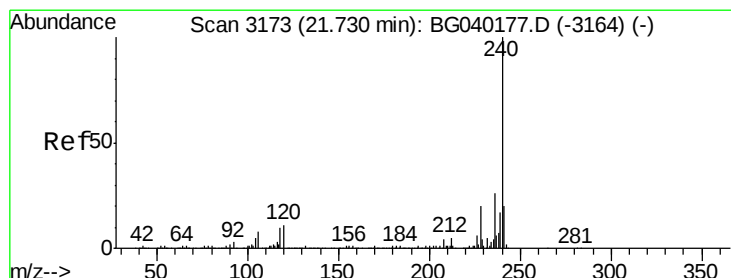
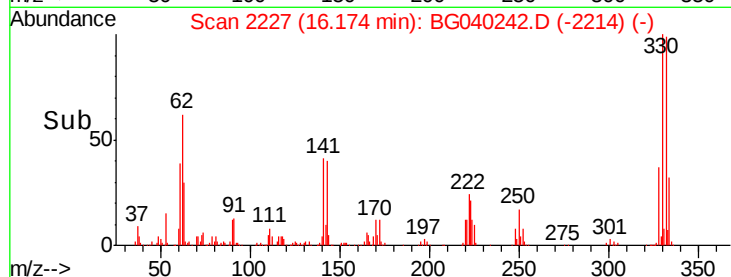
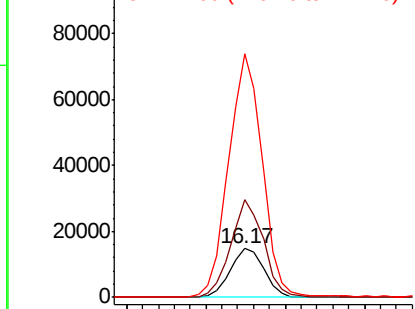
#67
4-Bromophenyl-phenylether
Concen: 4.862 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG040242.D
Acq: 30 Mar 2019 1:56

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:248 Resp: 21987
Ion Ratio Lower Upper
248 100
250 200.2 76.4 114.6#
141 497.0 53.8 80.8#

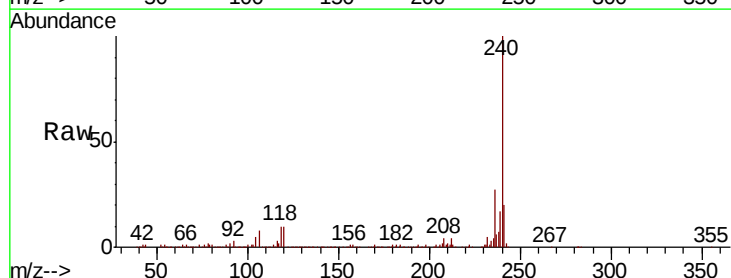


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

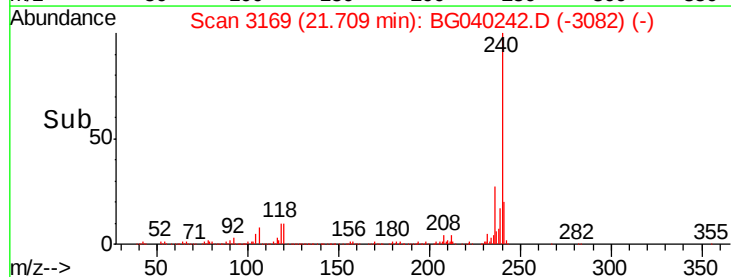
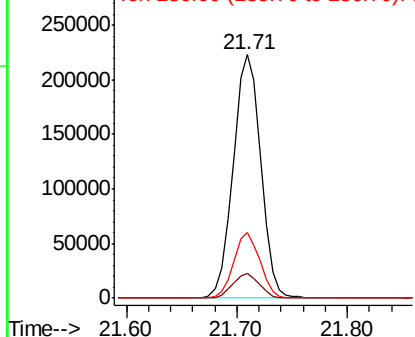


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040242.D
Acq: 30 Mar 2019 1:56

Tgt Ion:240 Resp: 390405
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 27.1 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: 86.284 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

Instrument :

BNA_G

ClientSampled :

MW-8

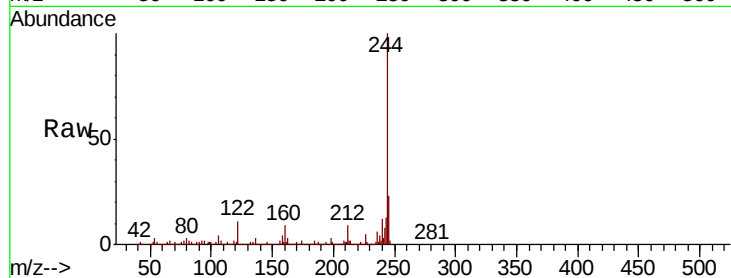
Tgt Ion:244 Resp: 1497371

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

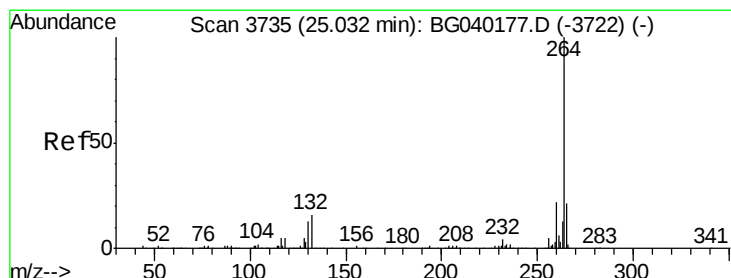
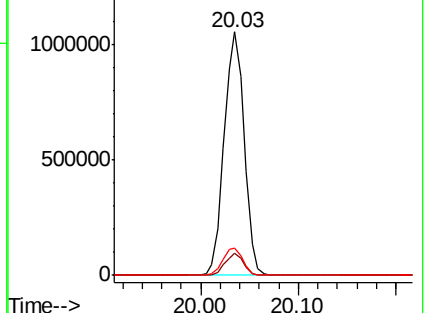
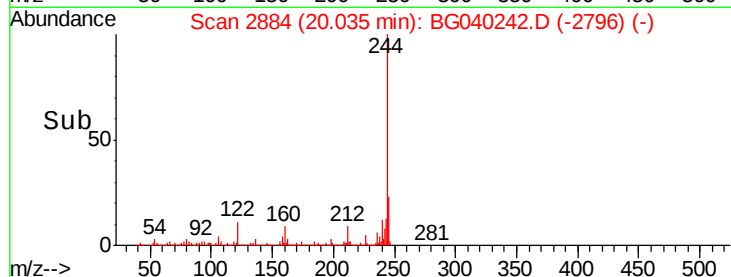
122 11.4 8.5 12.7



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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040242.D

Acq: 30 Mar 2019 1:56

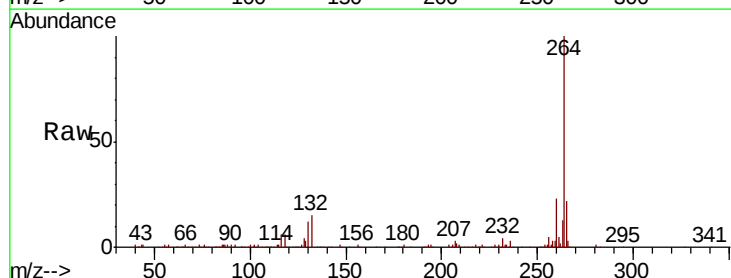
Tgt Ion:264 Resp: 392764

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 22.2 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

