

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040543.D
 Acq On : 17 Apr 2019 23:51
 Operator : JU/SJ
 Sample : K2197-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:25:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

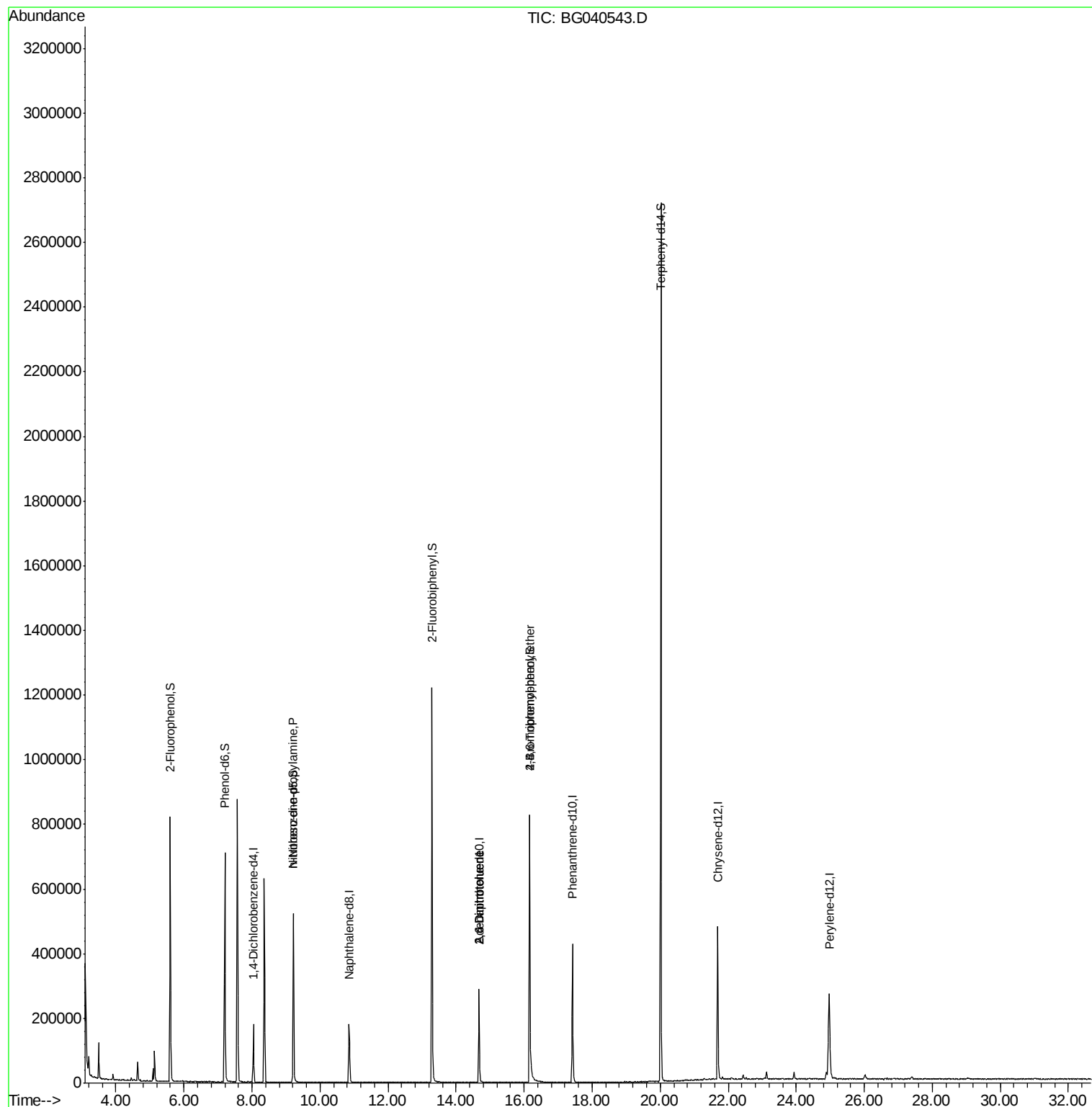
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46864	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	174760	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	104819	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	292944	20.00	ng	0.00
76) Chrysene-d12	21.69	240	301762	20.00	ng	0.00
87) Perylene-d12	24.97	264	323980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	353695	125.47	ng	0.00
7) Phenol-d6	7.20	99	441888	113.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	325442	98.98	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	173242	152.93	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	668851	94.55	ng	0.00
79) Terphenyl-d14	20.02	244	1292348	96.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	40949	14.660	ng	# 71
51) 2,6-Dinitrotoluene	14.67	165	13359	7.252	ng	# 25
57) 2,4-Dinitrotoluene	14.67	165	13359	5.219	ng	# 25
67) 4-Bromophenyl-phenylether	16.16	248	12721	3.859	ng	# 1

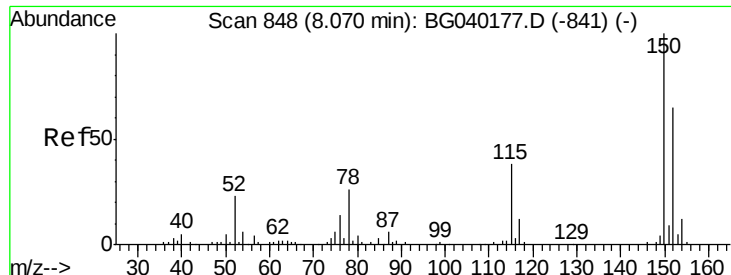
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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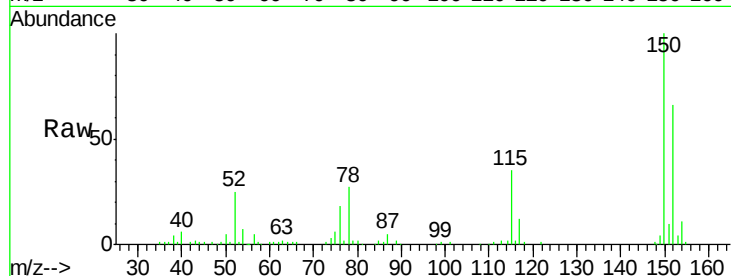


#1

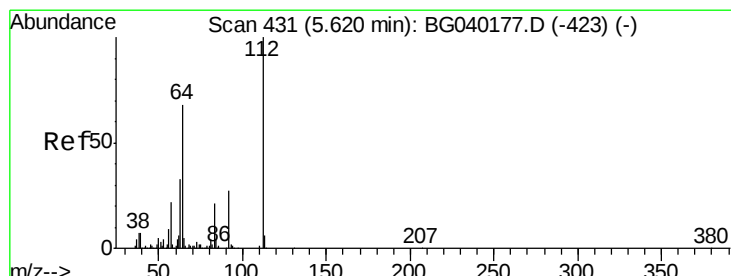
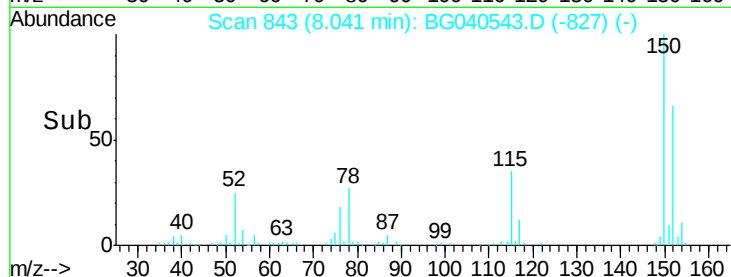
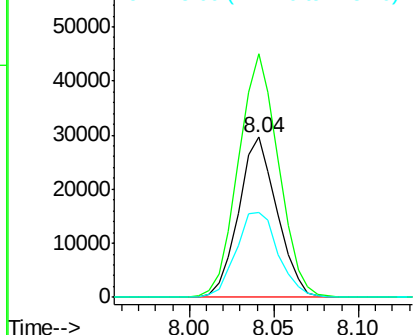
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040543.D
Acq: 17 Apr 2019 23:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 46864
Ion Ratio Lower Upper
152 100
150 152.3 123.7 185.5
115 53.2 46.9 70.3



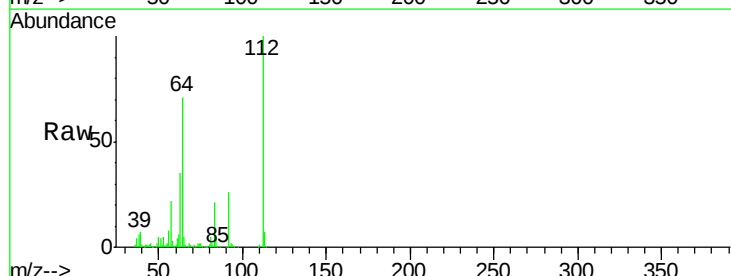
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



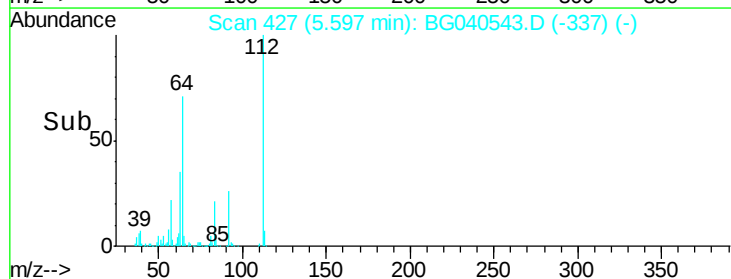
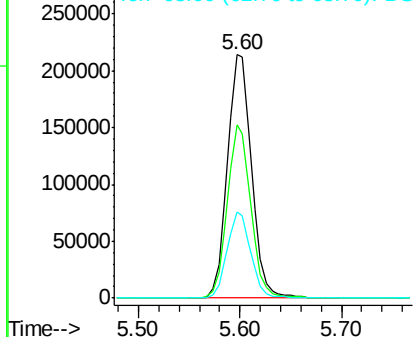
#5

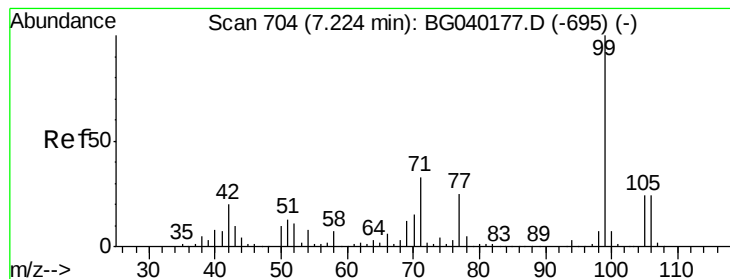
2-Fluorophenol
Concen: 125.467 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG040543.D
Acq: 17 Apr 2019 23:51

Tgt Ion:112 Resp: 353695
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.2
63 35.3 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: 113.422 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

Instrument :

BNA_G

ClientSampleId :

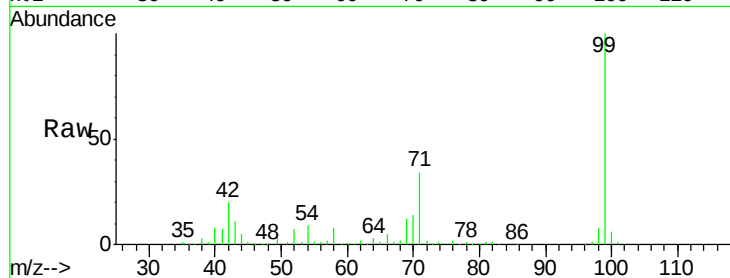
Tot Ion: 99 Resp: 441888

Ion Ratio Lower Upper

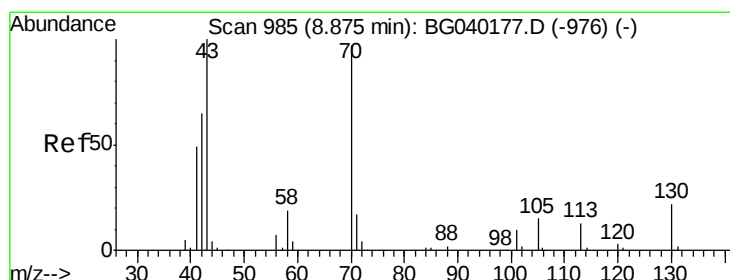
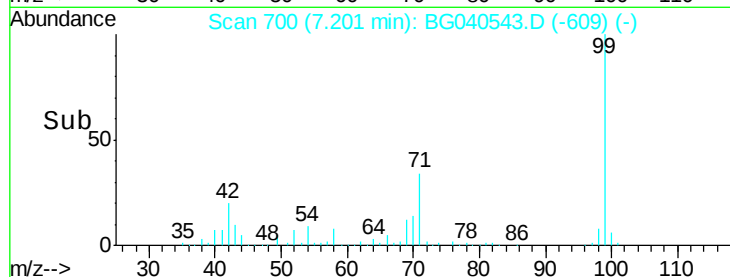
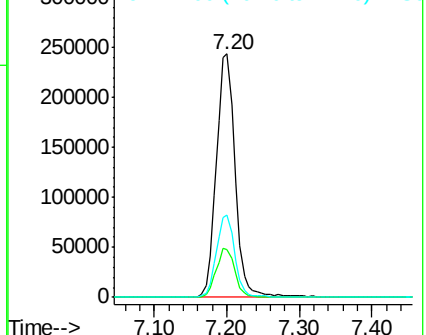
99 100

42 19.9 16.2 24.2

71 33.7 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: 14.660 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.37 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

Tgt Ion: 70 Resp: 40949

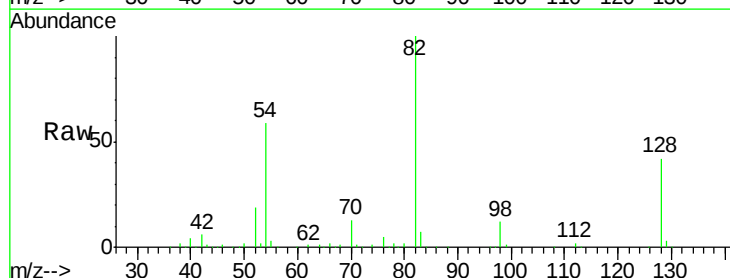
Ion Ratio Lower Upper

70 100

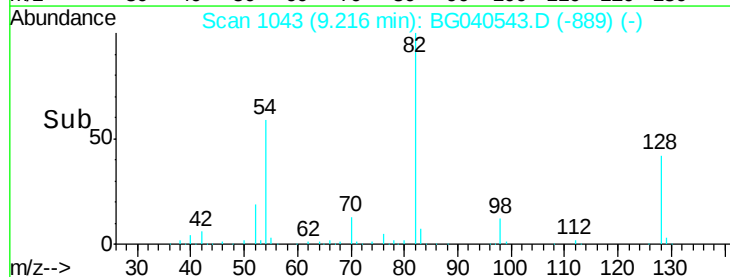
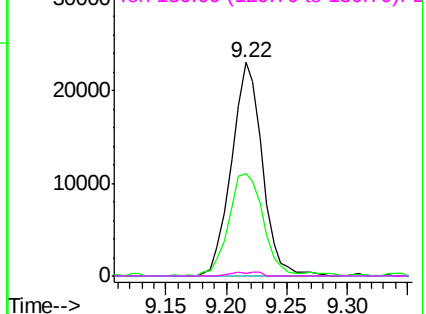
42 48.1 54.0 81.0#

101 0.0 8.6 13.0#

130 1.3 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

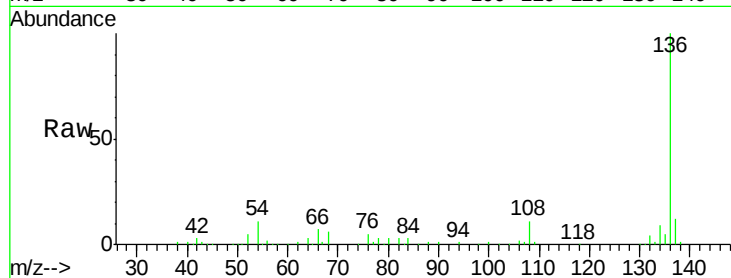




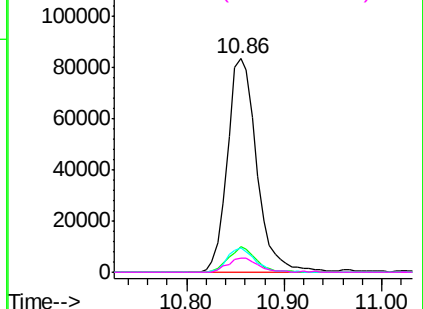
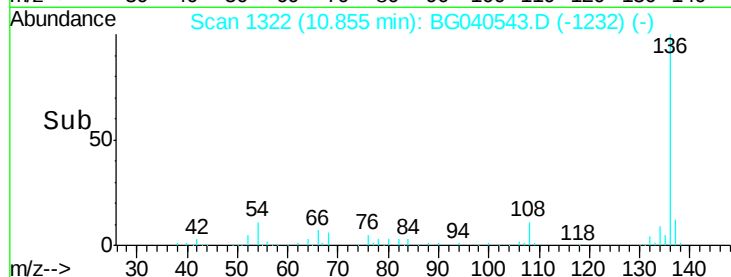
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040543.D
Acq: 17 Apr 2019 23:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	174760
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.9 13.3
54	11.1	9.6 14.4
68	6.4	5.1 7.7

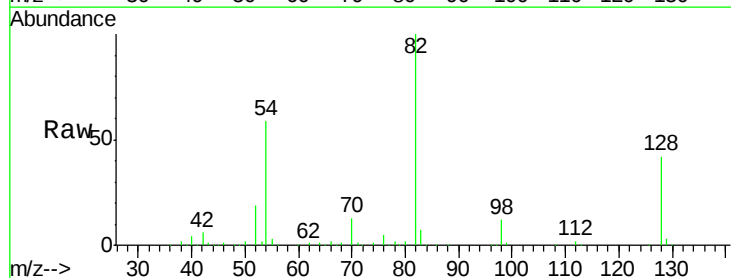


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

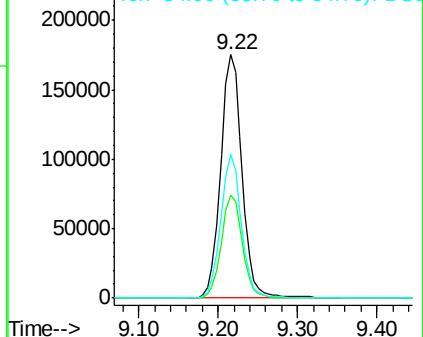
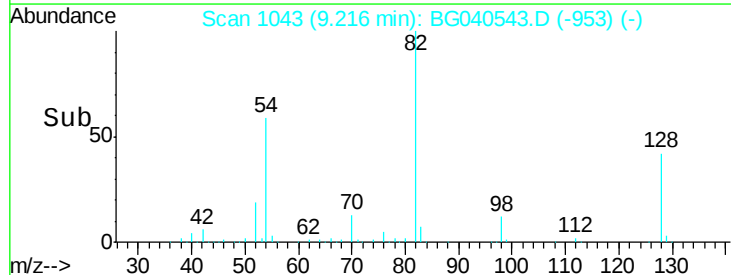


#23
Nitrobenzene-d5
Concen: 98.983 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040543.D
Acq: 17 Apr 2019 23:51

Tgt Ion: 82	Resp:	325442
Ion	Ratio	Lower Upper
82	100	
128	42.3	35.8 53.8
54	59.3	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: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

Instrument :

BNA_G

ClientSampleId :

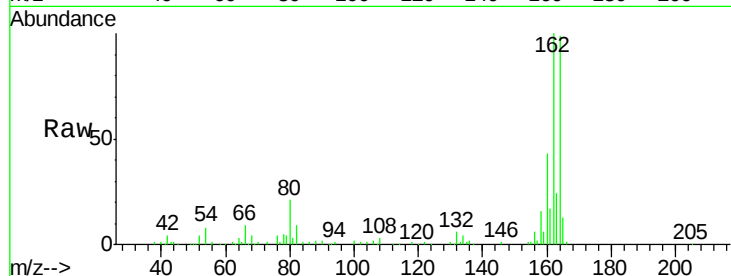
Tot Ion:164 Resp: 104819

Ion Ratio Lower Upper

164 100

162 100.5 77.4 116.2

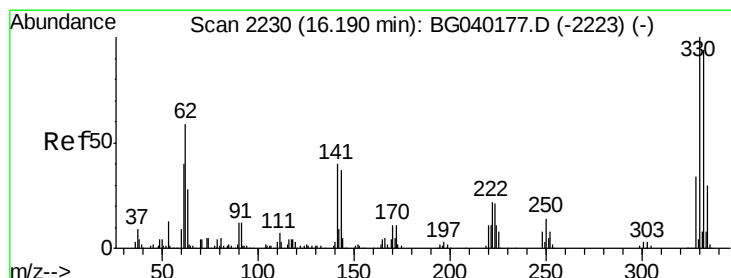
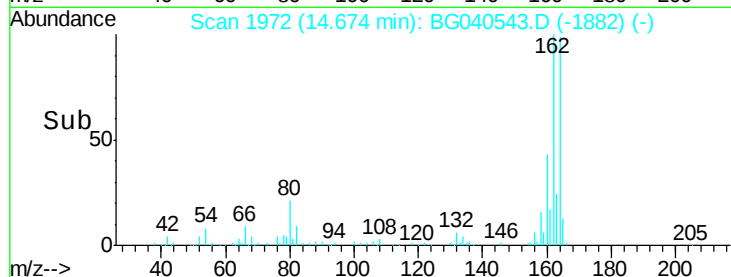
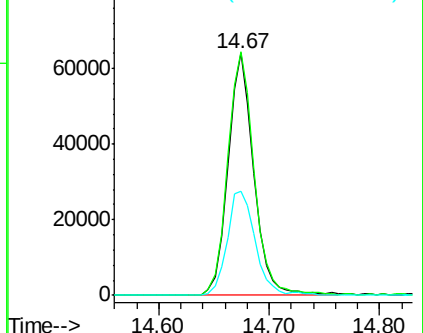
160 42.8 35.3 52.9



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: 152.930 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

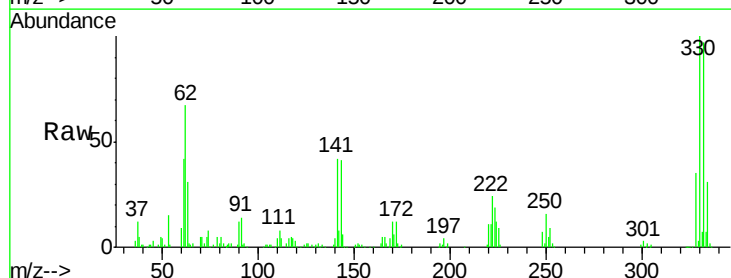
Tgt Ion:330 Resp: 173242

Ion Ratio Lower Upper

330 100

332 93.2 76.6 115.0

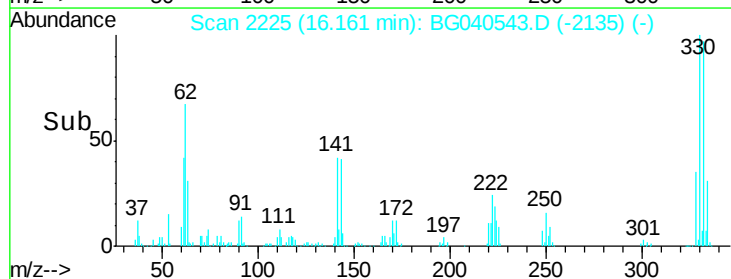
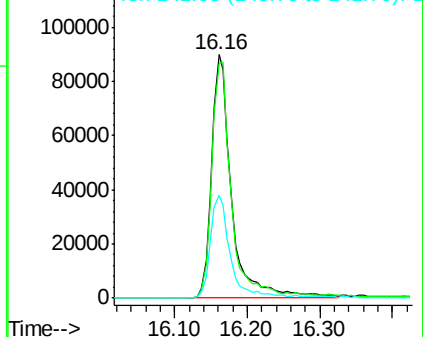
141 41.7 32.6 48.8



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: 94.551 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.00 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

Instrument :

BNA_G

ClientSampled :

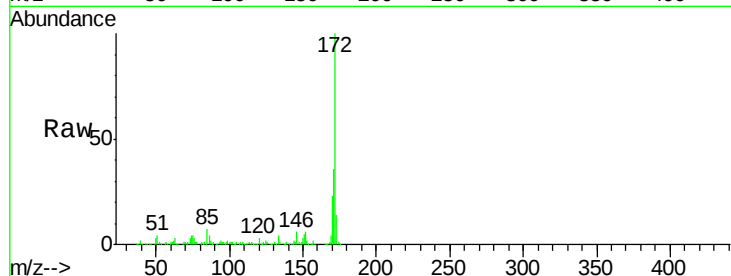
Tot Ion:172 Resp: 668851

Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

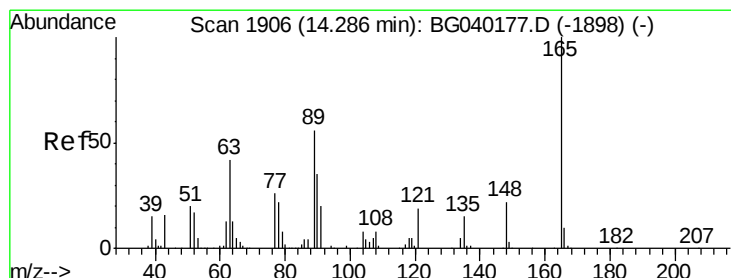
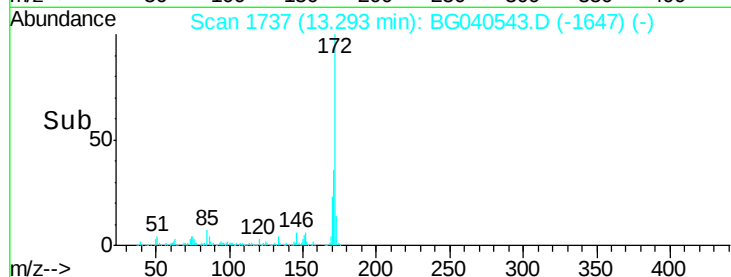
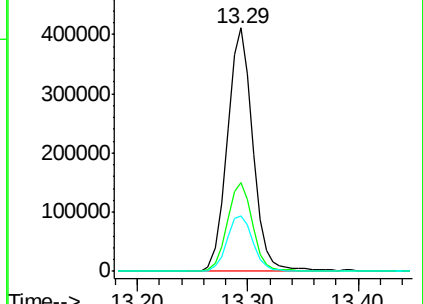
170 23.0 20.1 30.1



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



#51

2,6-Dinitrotoluene

Concen: 7.252 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.41 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

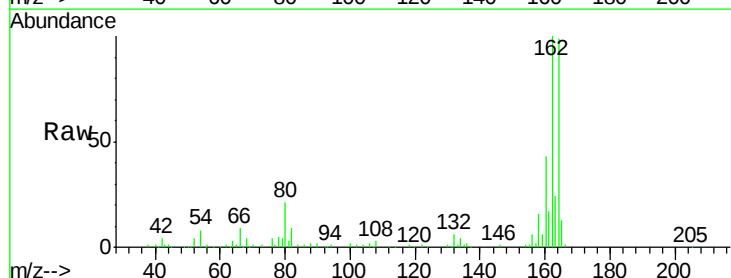
Tgt Ion:165 Resp: 13359

Ion Ratio Lower Upper

165 100

63 1.7 44.1 66.1#

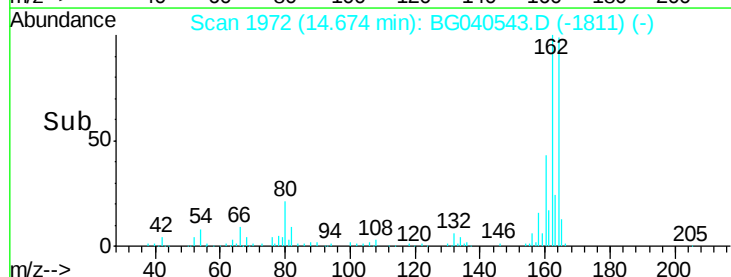
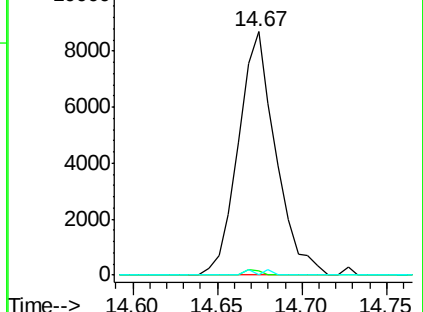
89 0.0 44.9 67.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

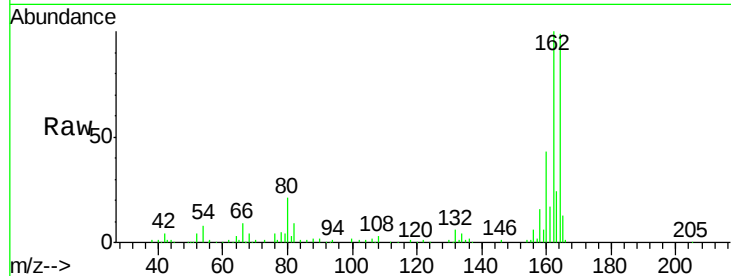




#57
 2,4-Dinitrotoluene
 Concen: 5.219 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.37 min
 Lab File: BG040543.D
 Acq: 17 Apr 2019 23:51

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

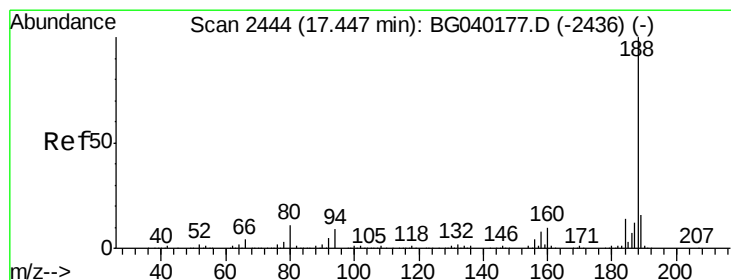
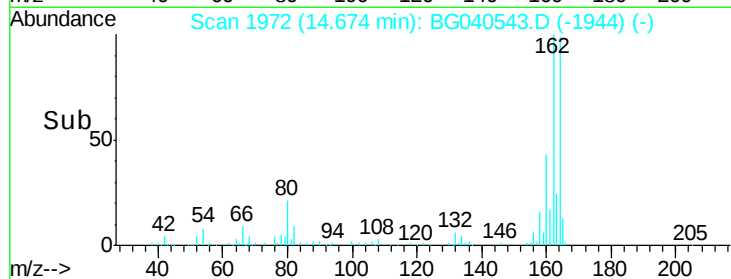
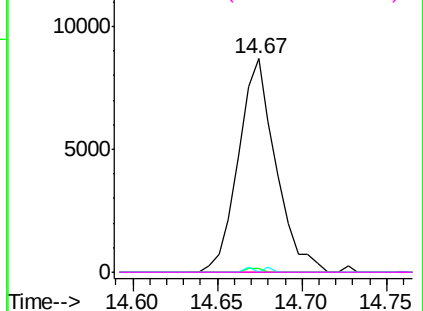


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

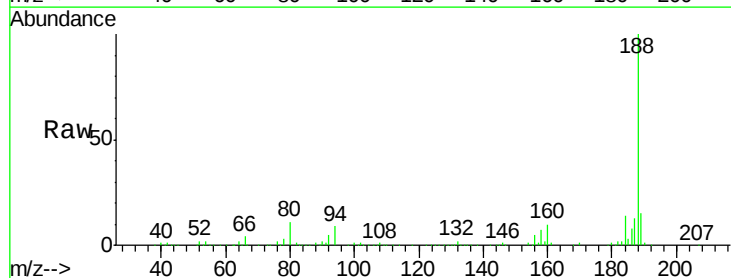
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.00 min
 Lab File: BG040543.D
 Acq: 17 Apr 2019 23:51

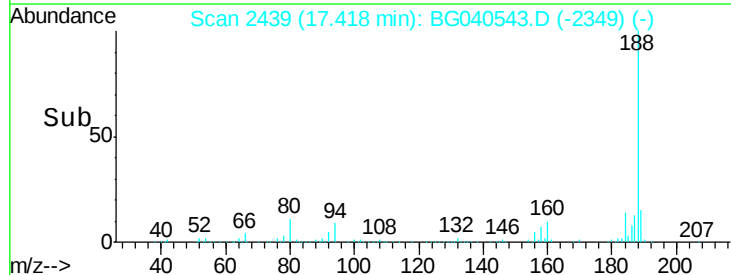
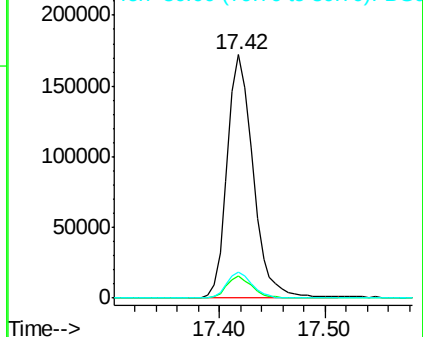
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.5	8.6	13.0



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

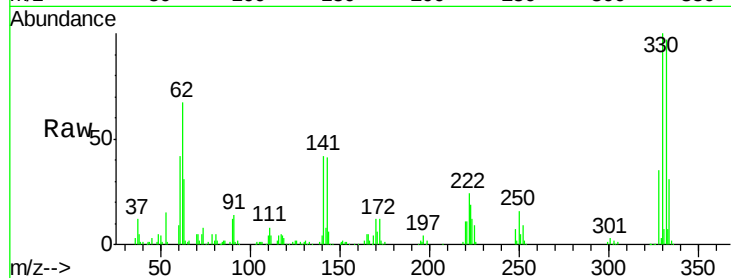




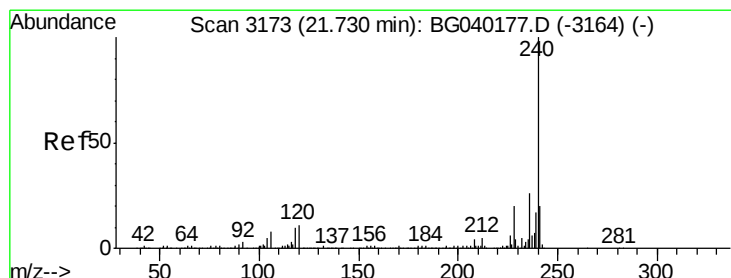
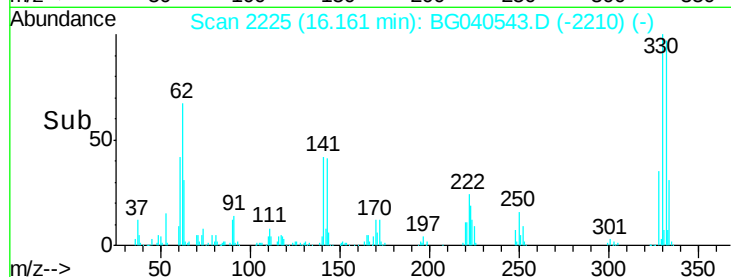
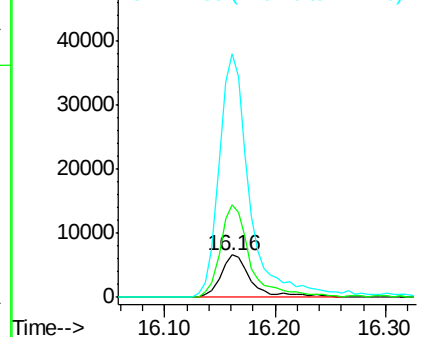
#67
 4-Bromophenyl-phenylether
 Concen: 3.859 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG040543.D
 Acq: 17 Apr 2019 23:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12721
 Ion Ratio Lower Upper
 248 100
 250 220.6 76.4 114.6#
 141 579.0 53.8 80.8#

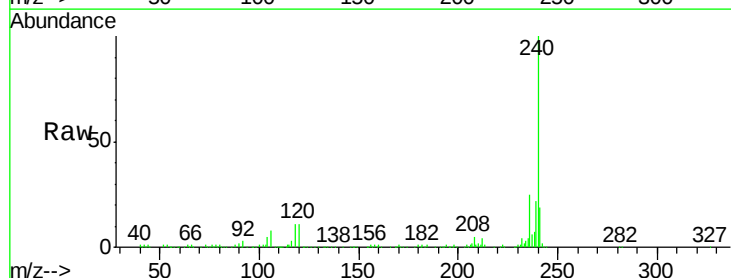


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

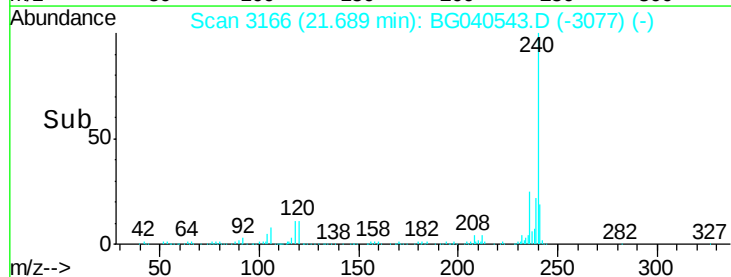
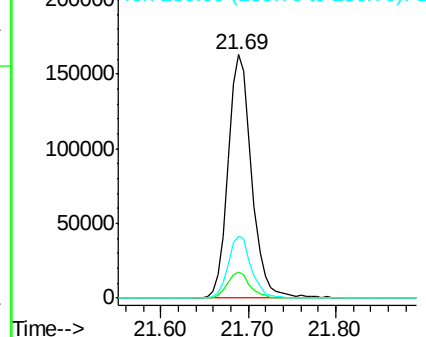


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG040543.D
 Acq: 17 Apr 2019 23:51

Tgt Ion:240 Resp: 301762
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.4 12.6
 236 25.5 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: 96.345 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

Instrument :

BNA_G

ClientSampleId :

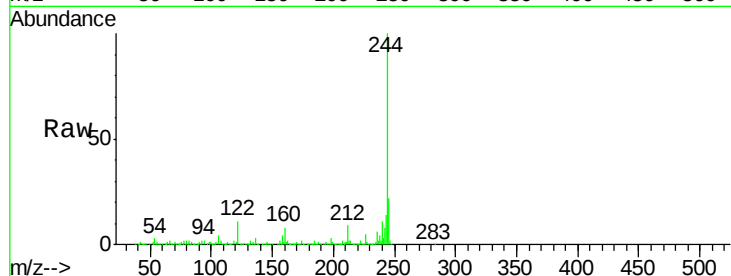
Tot Ion:244 Resp: 1292348

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

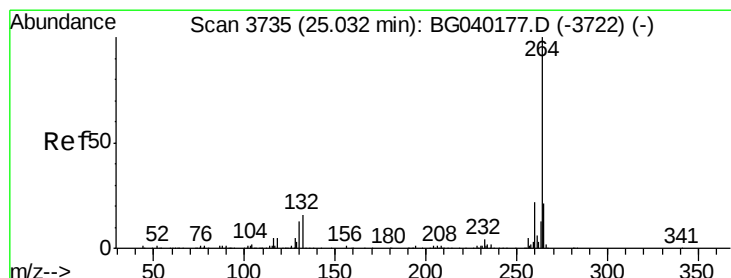
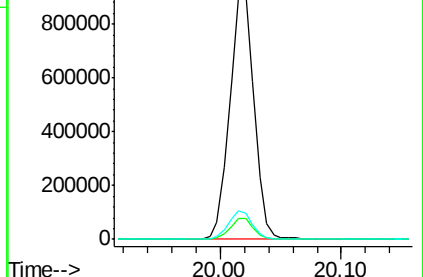
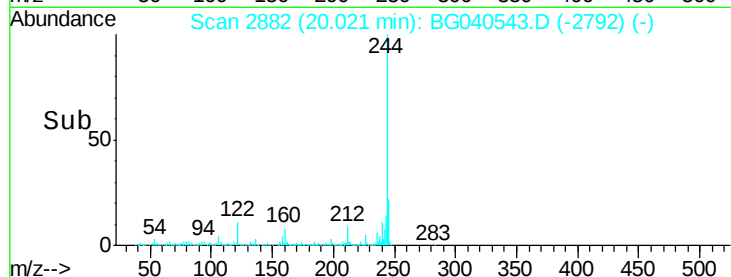
122 10.8 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040543.D

Acq: 17 Apr 2019 23:51

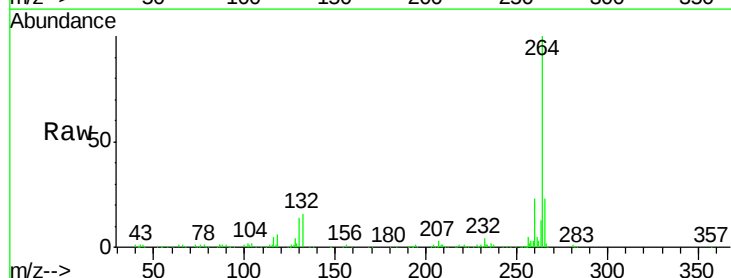
Tgt Ion:264 Resp: 323980

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 23.3 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

