

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040565.D
 Acq On : 19 Apr 2019 17:13
 Operator : JU/SJ
 Sample : K2442-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D

Quant Time: Apr 19 23:10:58 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

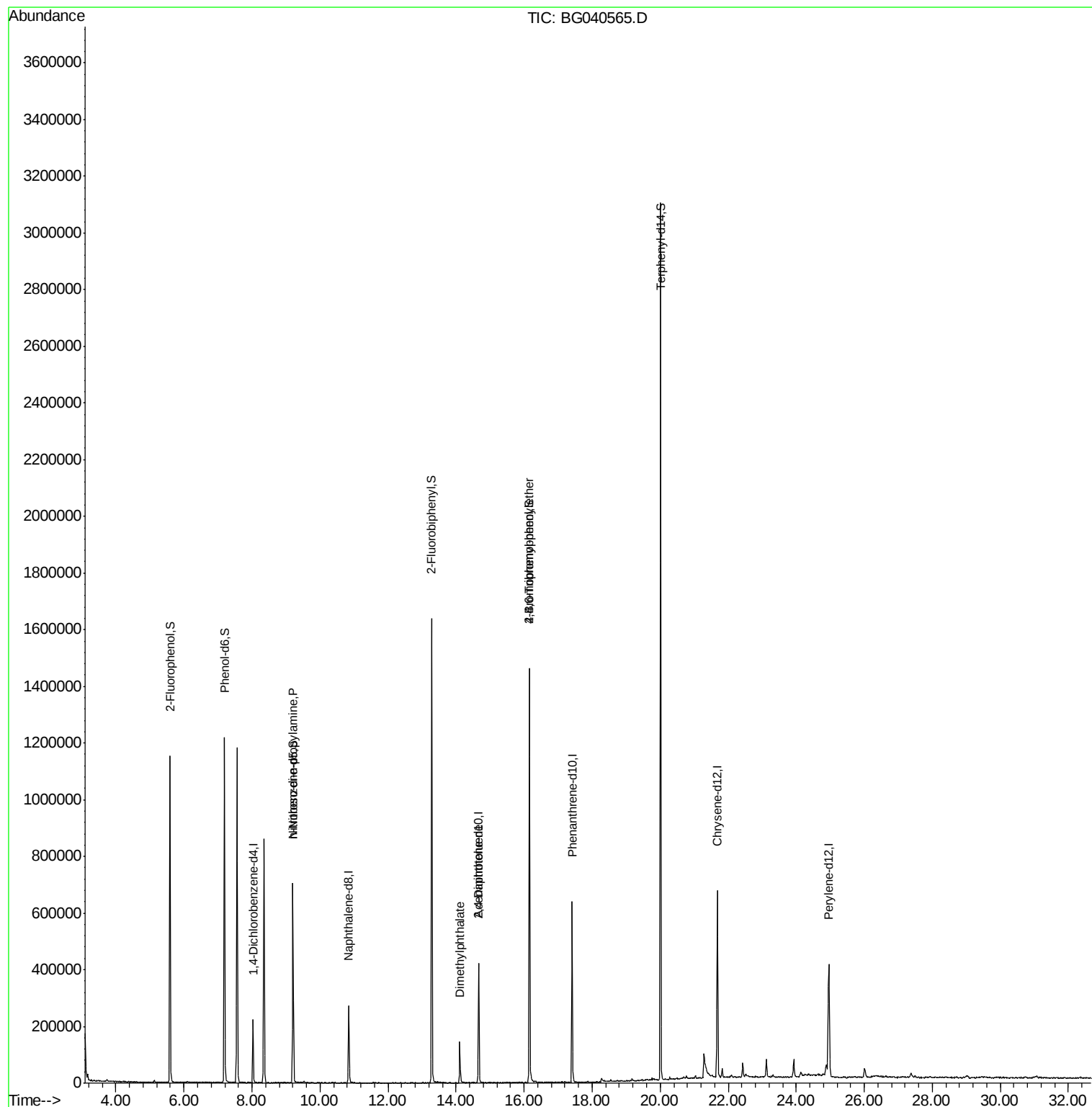
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	61678	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	244082	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	154783	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	396747	20.00	ng	0.00
76) Chrysene-d12	21.68	240	370564	20.00	ng	-0.01
87) Perylene-d12	24.96	264	407214	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	508093	136.95	ng	0.00
7) Phenol-d6	7.19	99	708117	138.10	ng	0.00
23) Nitrobenzene-d5	9.20	82	434104	94.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	262724	157.06	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	913275	87.43	ng	-0.01
79) Terphenyl-d14	20.02	244	1433833	87.05	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	56181	15.282	ng	Qvalue # 69
50) Dimethylphthalate	14.11	163	112320	9.272	ng	# 99
57) 2,4-Dinitrotoluene	14.66	165	19240	5.091	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	21190	4.746	ng	# 1

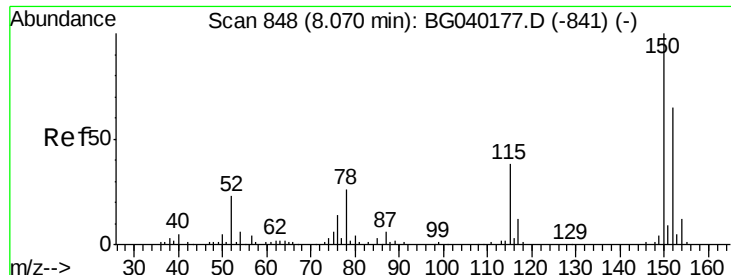
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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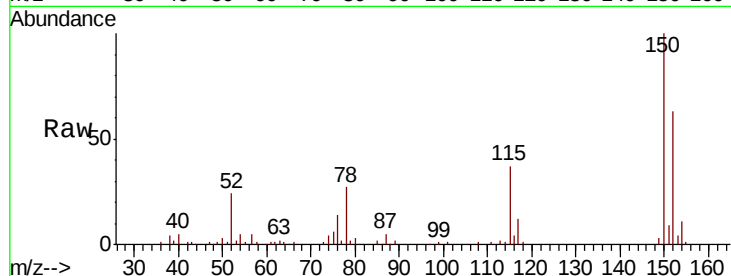


#1

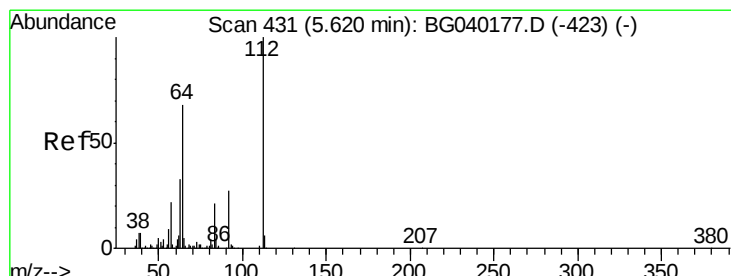
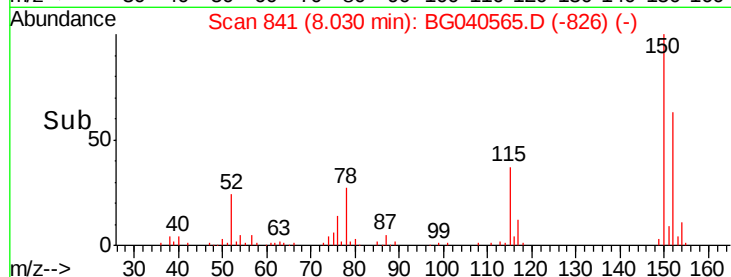
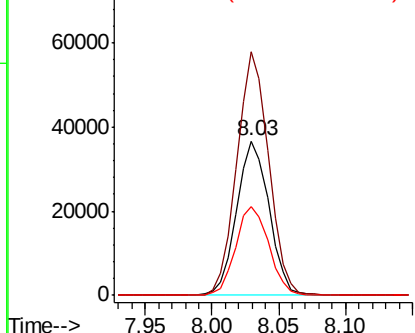
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040565.D
Acq: 19 Apr 2019 17:13

Instrument :
BNA_G
ClientSampleId :
TP-18-D

Tgt Ion:152 Resp: 61678
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 57.8 46.9 70.3



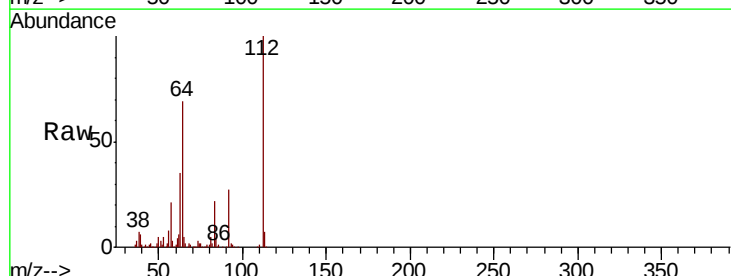
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



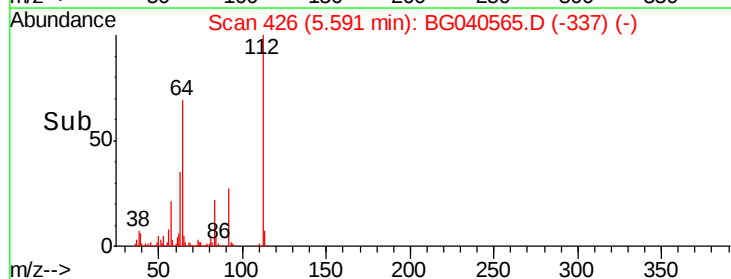
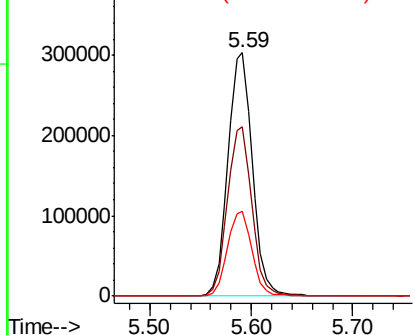
#5

2-Fluorophenol
Concen: 136.947 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.01 min
Lab File: BG040565.D
Acq: 19 Apr 2019 17:13

Tgt Ion:112 Resp: 508093
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.2
63 34.8 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: 138.102 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040565.D

Acq: 19 Apr 2019 17:13

Instrument :

BNA_G

ClientSampled :

TP-18-D

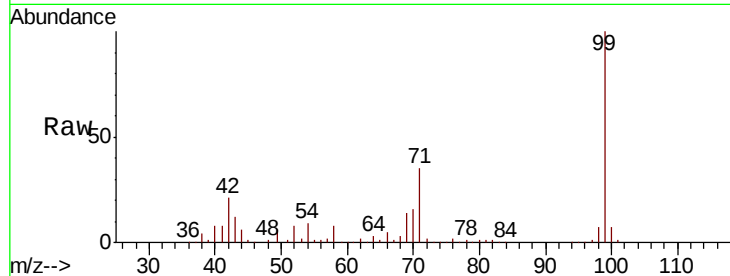
Tgt Ion: 99 Resp: 708117

Ion Ratio Lower Upper

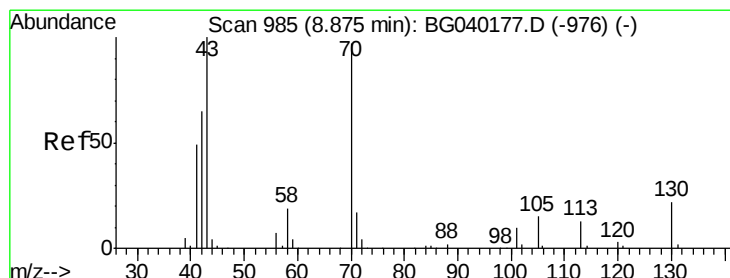
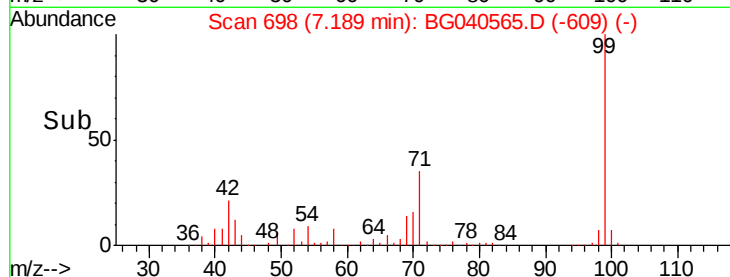
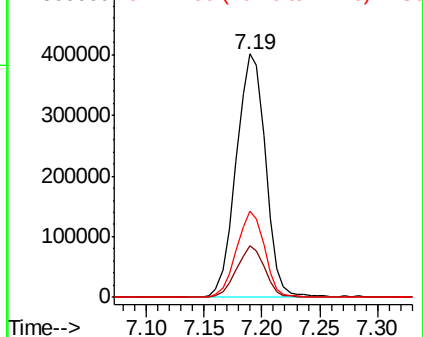
99 100

42 21.3 16.2 24.2

71 35.3 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: 15.282 ng

RT: 9.21 min Scan# 1042

Delta R.T. 0.37 min

Lab File: BG040565.D

Acq: 19 Apr 2019 17:13

Tgt Ion: 70 Resp: 56181

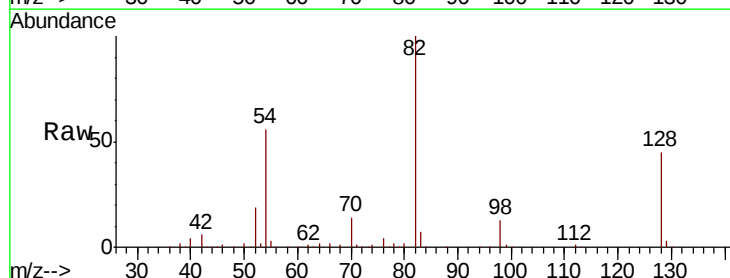
Ion Ratio Lower Upper

70 100

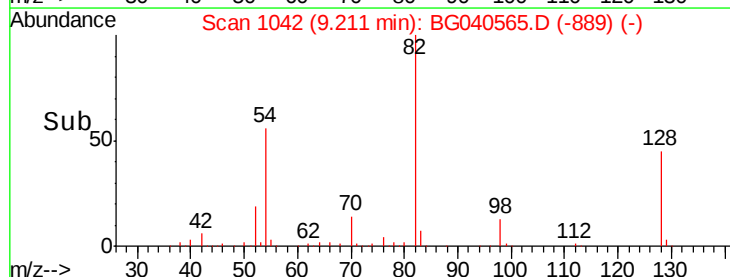
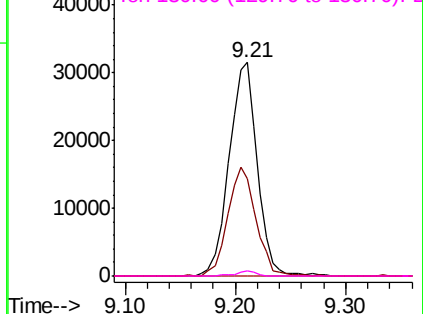
42 45.6 54.0 81.0#

101 0.0 8.6 13.0#

130 2.4 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

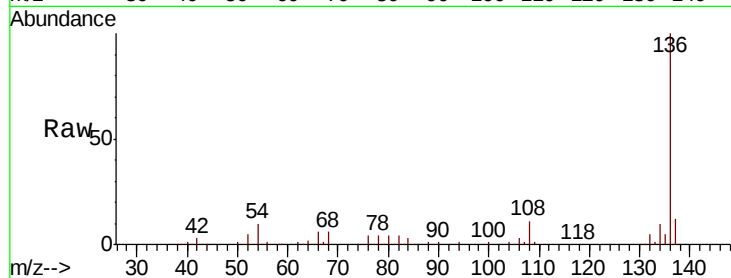




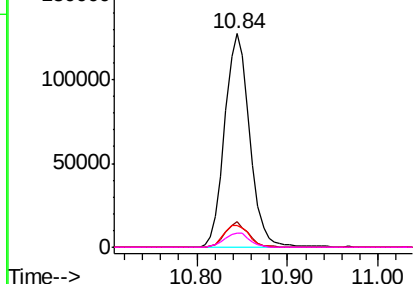
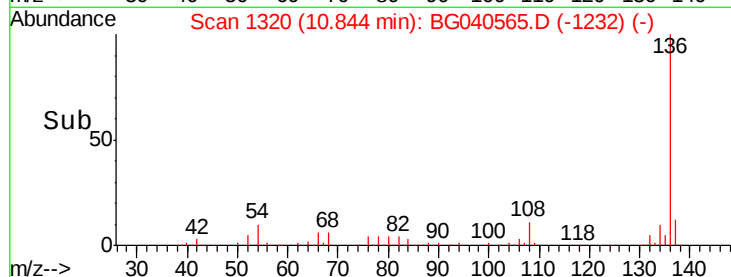
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG040565.D
Acq: 19 Apr 2019 17:13

Instrument :
BNA_G
ClientSampleId :
TP-18-D

Tgt Ion:	136	Resp:	244082
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	10.5	9.6	14.4
68	6.5	5.1	7.7

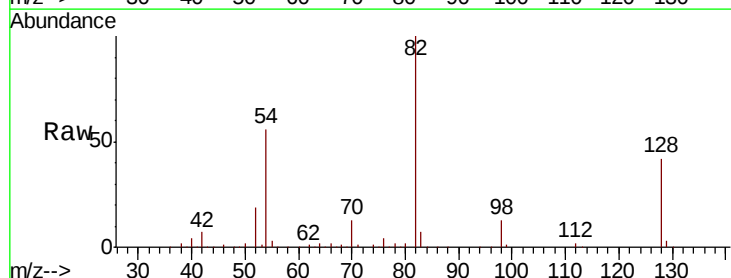


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

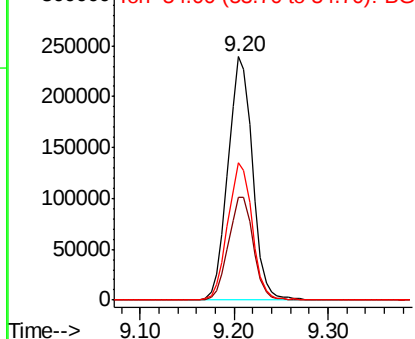
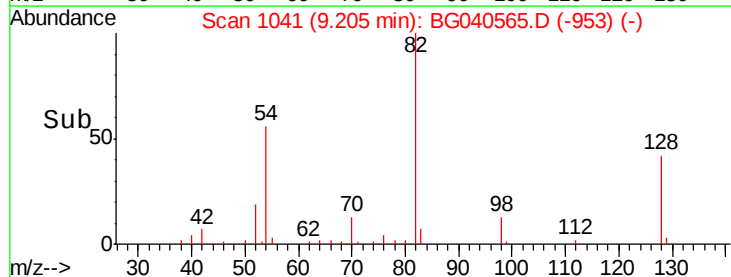


#23
Nitrobenzene-d5
Concen: 94.534 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040565.D
Acq: 19 Apr 2019 17:13

Tgt Ion:	82	Resp:	434104
Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.8	53.8
54	56.2	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

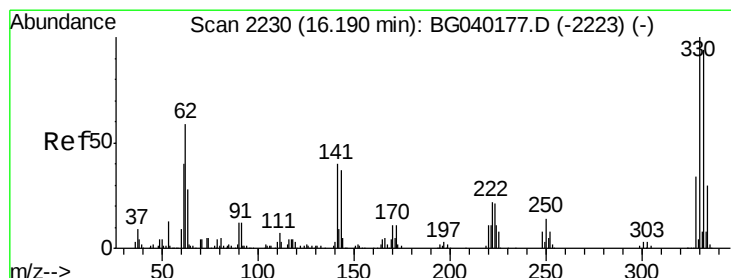
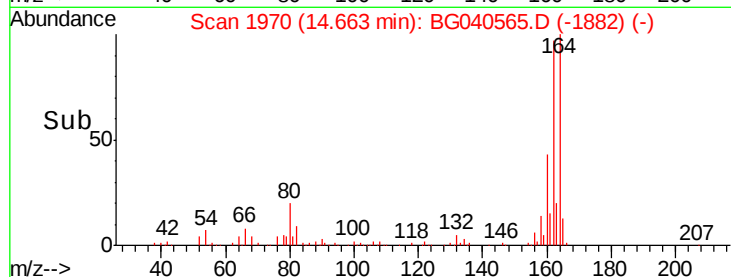
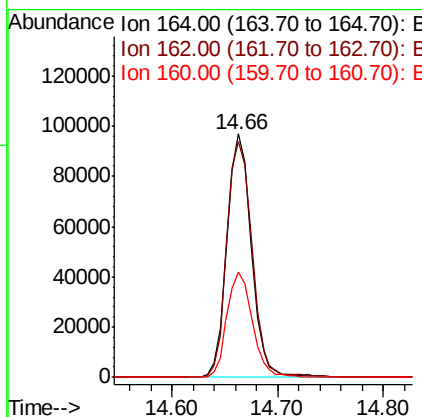
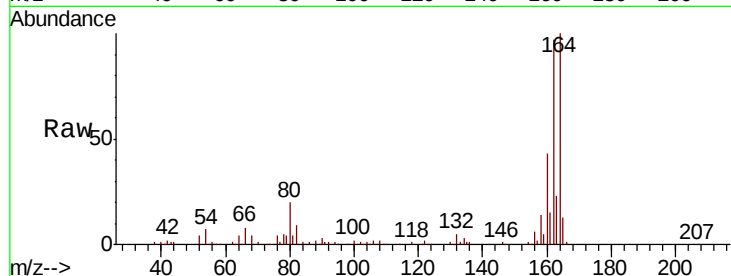




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG040565.D
 Acq: 19 Apr 2019 17:13

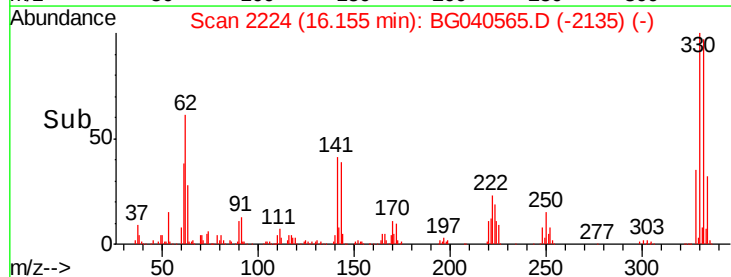
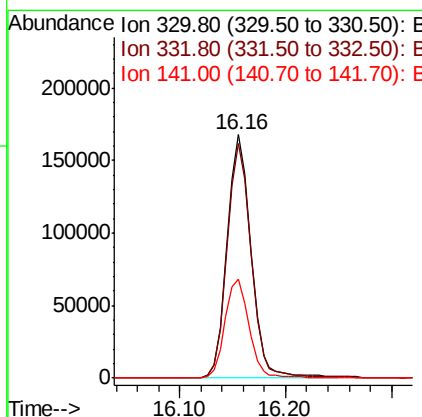
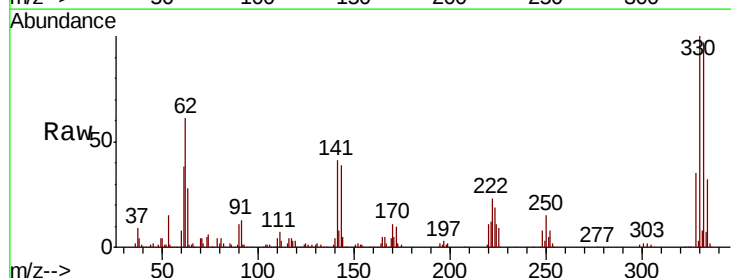
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D

Tgt Ion:164 Resp: 154783
 Ion Ratio Lower Upper
 164 100
 162 96.7 77.4 116.2
 160 43.1 35.3 52.9



#42
 2,4,6-Tribromophenol
 Concen: 157.056 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG040565.D
 Acq: 19 Apr 2019 17:13

Tgt Ion:330 Resp: 262724
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.2 32.6 48.8





#45

2-Fluorobiphenyl

Concen: 87.429 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BG040565.D

Acq: 19 Apr 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-18-D

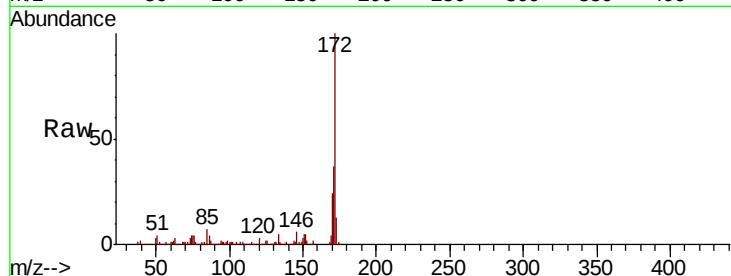
Tgt Ion:172 Resp: 913275

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

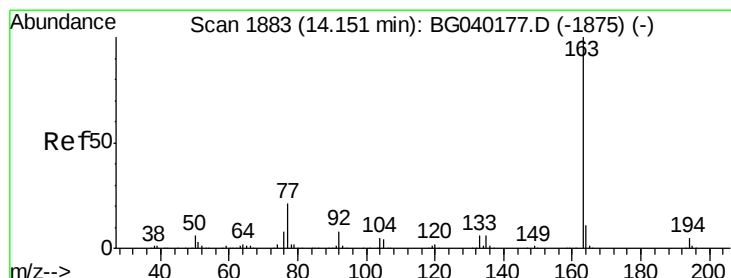
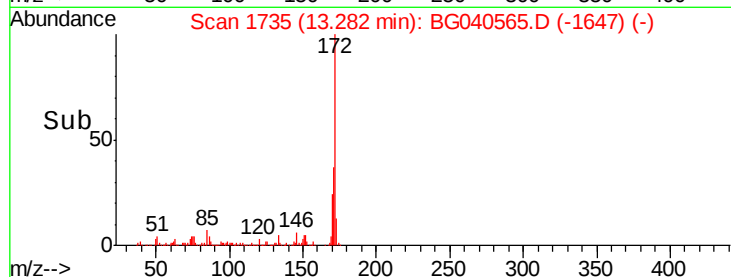
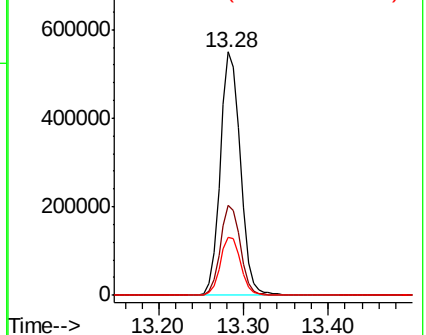
170 24.0 20.1 30.1



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



#50

Dimethylphthalate

Concen: 9.272 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG040565.D

Acq: 19 Apr 2019 17:13

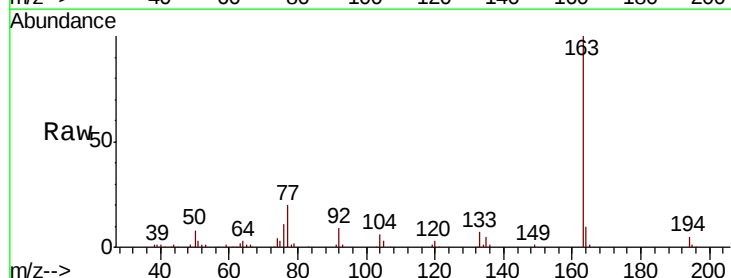
Tgt Ion:163 Resp: 112320

Ion Ratio Lower Upper

163 100

194 5.3 4.1 6.1

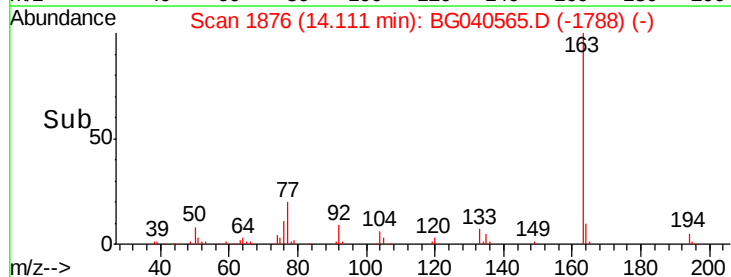
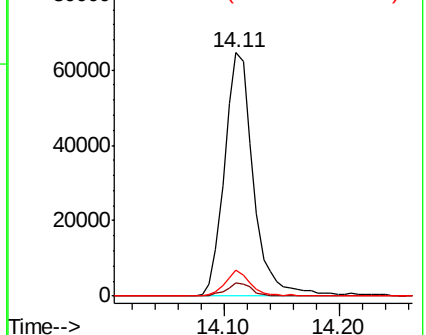
164 10.5 8.6 13.0

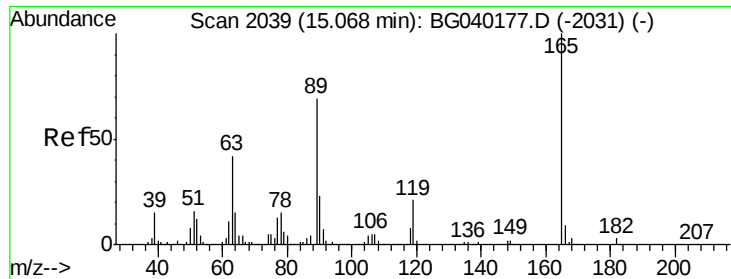


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

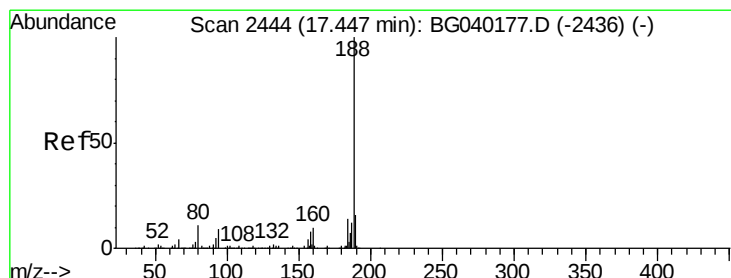
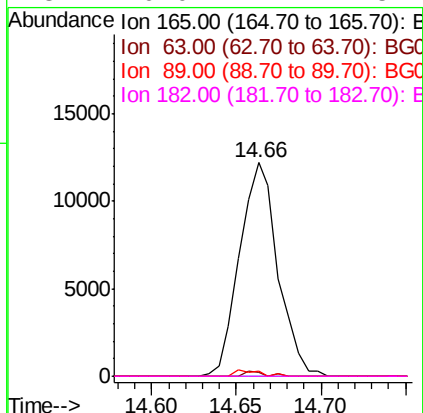
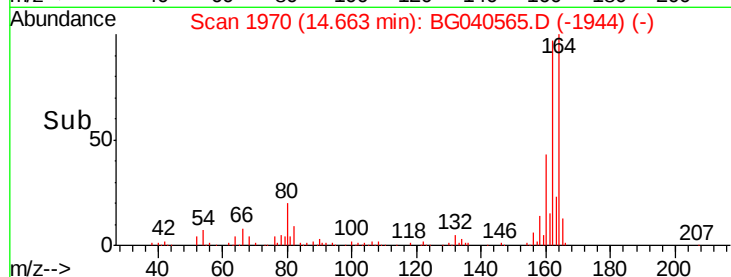
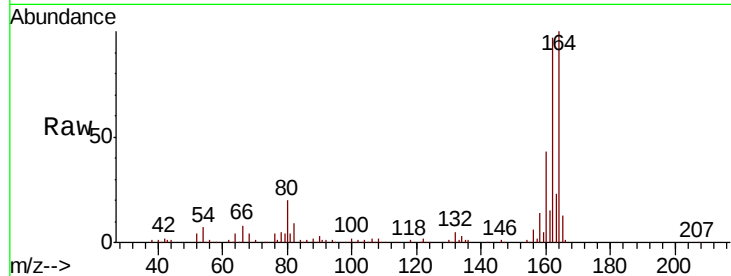




#57
 2,4-Dinitrotoluene
 Concen: 5.091 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG040565.D
 Acq: 19 Apr 2019 17:13

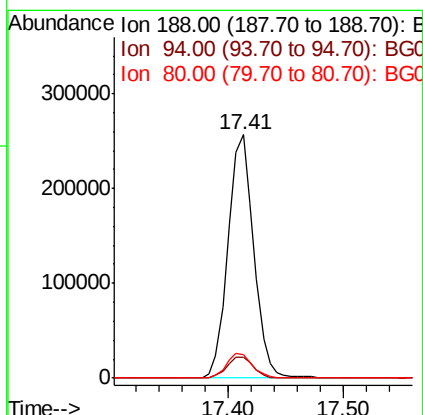
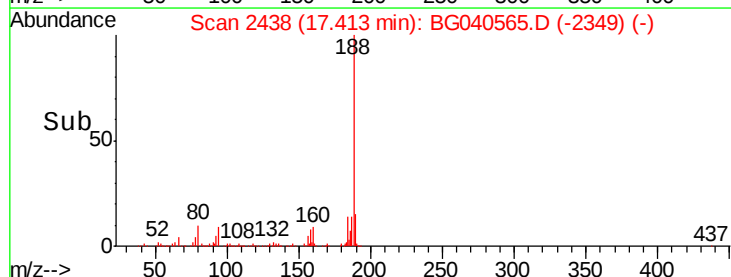
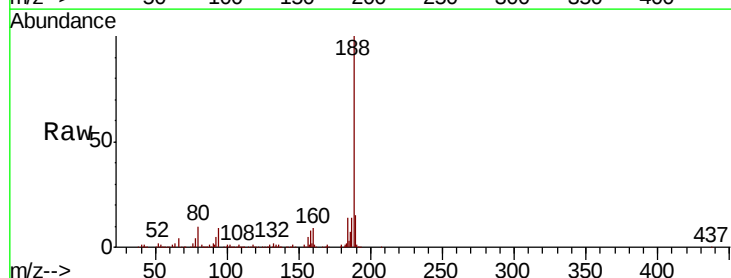
Instrument :
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 TP-18-D

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.6#
89	2.3	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG040565.D
 Acq: 19 Apr 2019 17:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	9.6	8.6	13.0

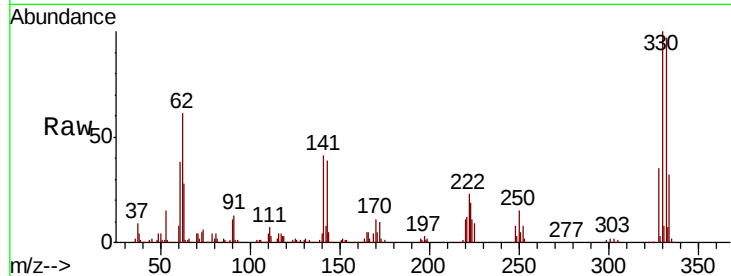




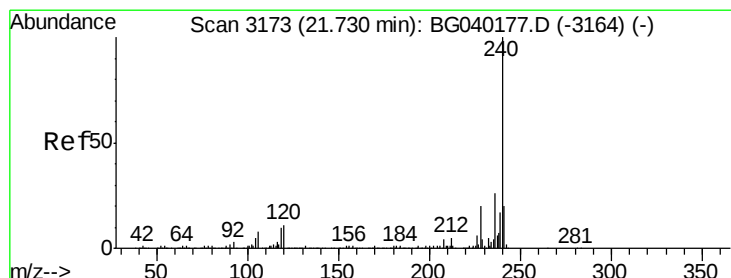
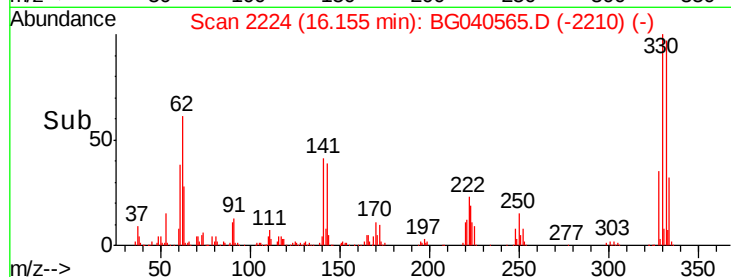
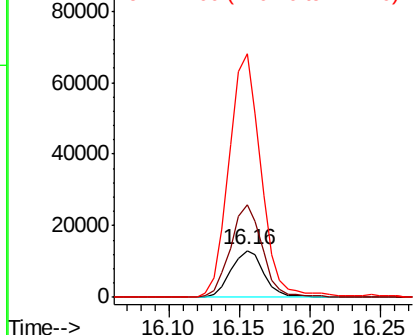
#67
 4-Bromophenyl-phenylether
 Concen: 4.746 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.45 min
 Lab File: BG040565.D
 Acq: 19 Apr 2019 17:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D

Tgt Ion:248 Resp: 21190
 Ion Ratio Lower Upper
 248 100
 250 198.2 76.4 114.6#
 141 520.6 53.8 80.8#

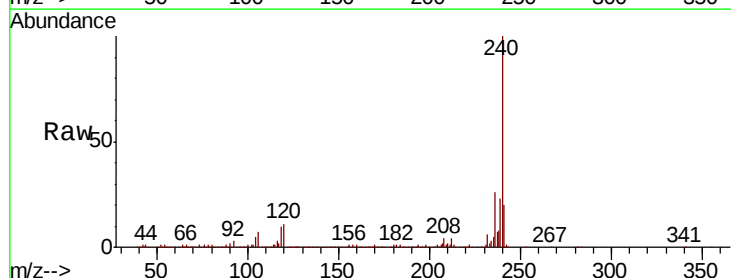


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

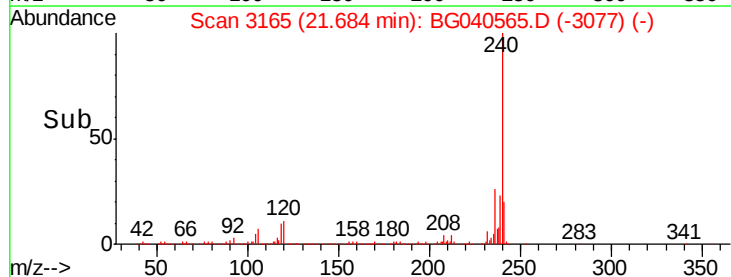
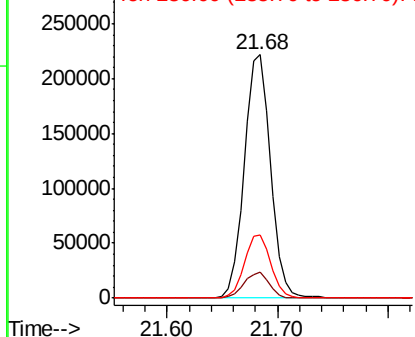


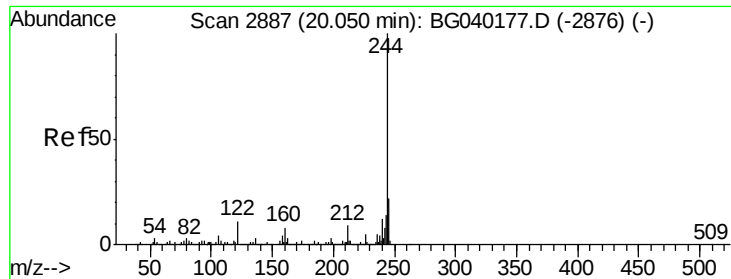
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG040565.D
 Acq: 19 Apr 2019 17:13

Tgt Ion:240 Resp: 370564
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.4 12.6
 236 25.9 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: 87.046 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040565.D

Acq: 19 Apr 2019 17:13

Instrument :

BNA_G

ClientSampleId :

TP-18-D

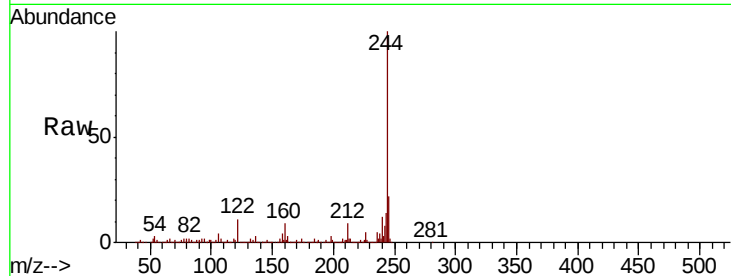
Tgt Ion:244 Resp: 1433833

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

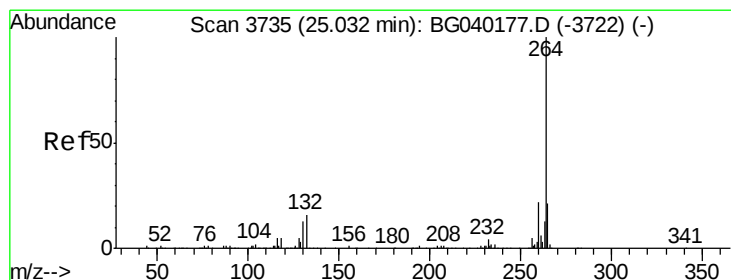
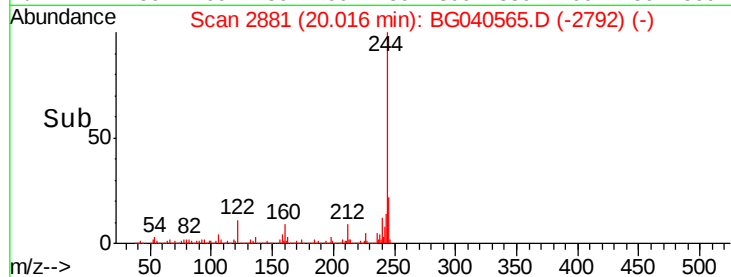
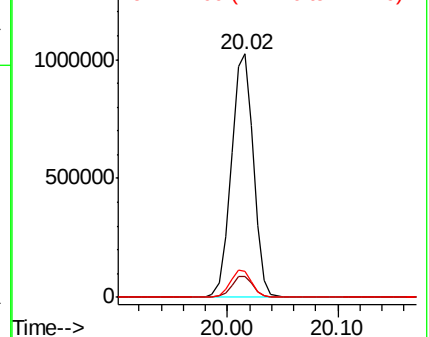
122 10.6 8.5 12.7



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: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG040565.D

Acq: 19 Apr 2019 17:13

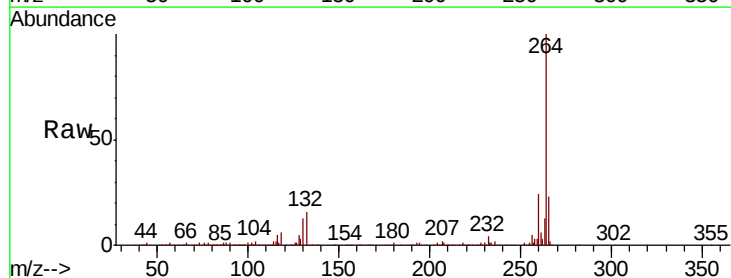
Tgt Ion:264 Resp: 407214

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 22.6 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

