

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039165.D
 Acq On : 16 Jan 2019 20:15
 Operator : JU/SJ
 Sample : K1142-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

Quant Time: Jan 17 04:03:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

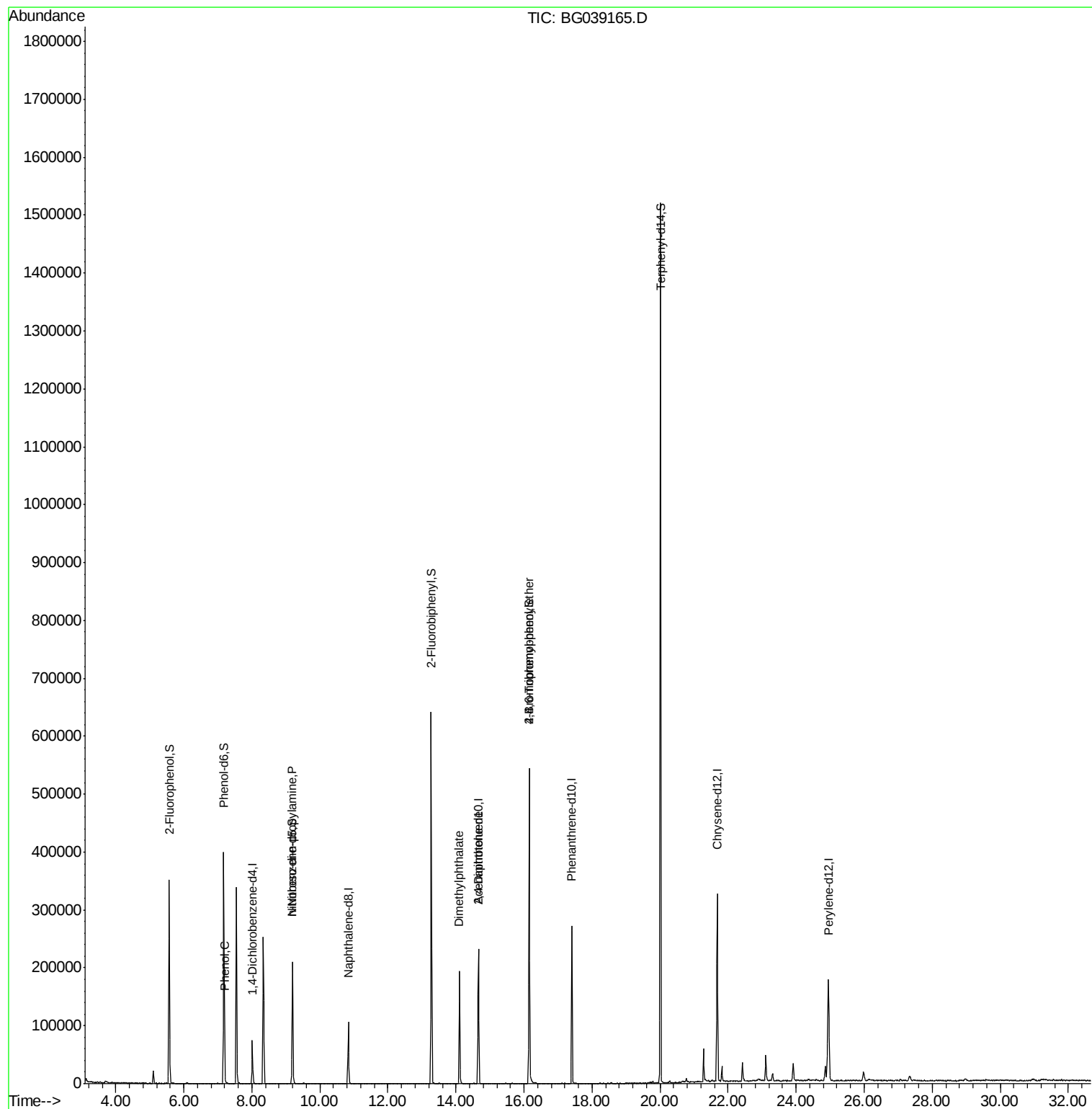
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21906	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	96147	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	87297	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	187933	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	205143	20.00	ng	-0.02
87) Perylene-d12	24.95	264	225222	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	165010	142.89	ng	-0.01
7) Phenol-d6	7.17	99	242046	145.65	ng	-0.02
23) Nitrobenzene-d5	9.20	82	126152	71.80	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	124319	84.96	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	372000	58.32	ng	-0.01
79) Terphenyl-d14	20.01	244	775457	69.93	ng	-0.01
Target Compounds						
10) Phenol	7.20	94	4498	2.700	ng	76
19) n-Nitroso-di-n-propylamine	9.20	70	17136	15.702	ng	# 69
50) Dimethylphthalate	14.10	163	144571	19.598	ng	99
57) 2,4-Dinitrotoluene	14.66	165	11173	4.722	ng	# 28
67) 4-Bromophenyl-phenylether	16.15	248	8150	3.374	ng	# 1

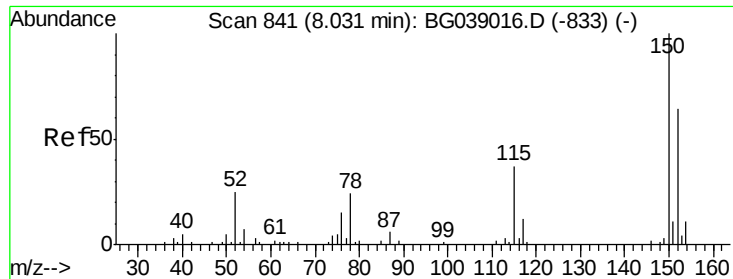
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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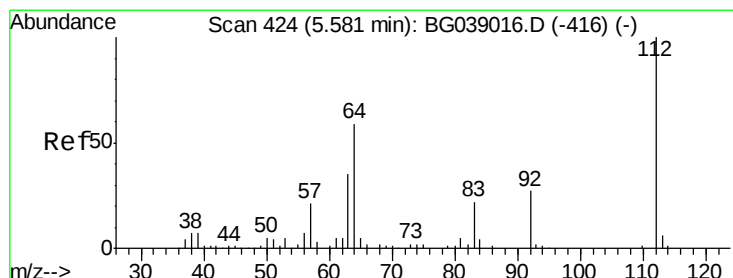
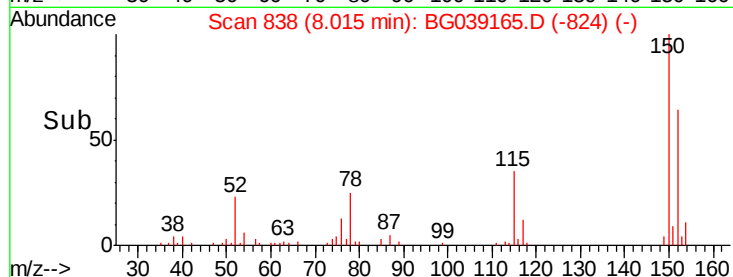
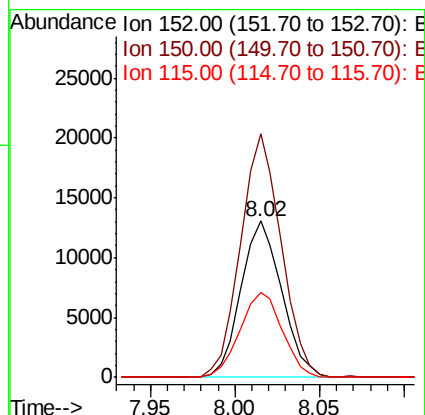
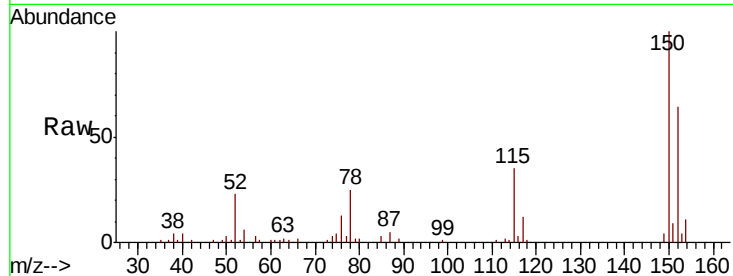




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BG039165.D
 Acq: 16 Jan 2019 20:15

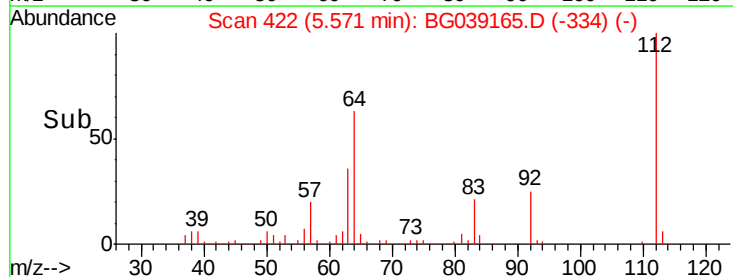
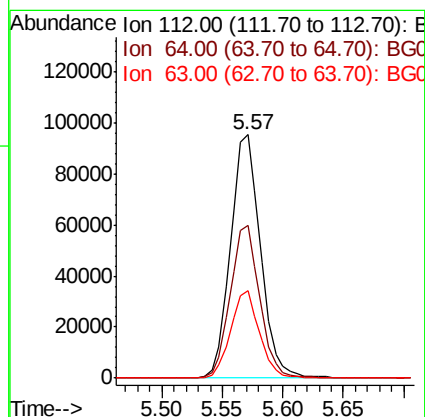
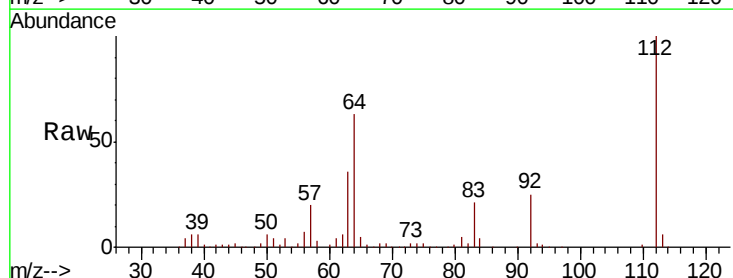
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

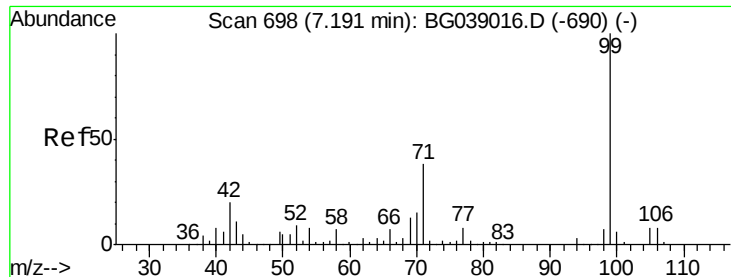
Tgt Ion:152 Resp: 21906
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.7 187.1
 115 53.9 46.5 69.7



#5
 2-Fluorophenol
 Concen: 142.893 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BG039165.D
 Acq: 16 Jan 2019 20:15

Tgt Ion:112 Resp: 165010
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.0 70.6
 63 35.7 28.0 42.0





#7

Phenol-d6

Concen: 145.646 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

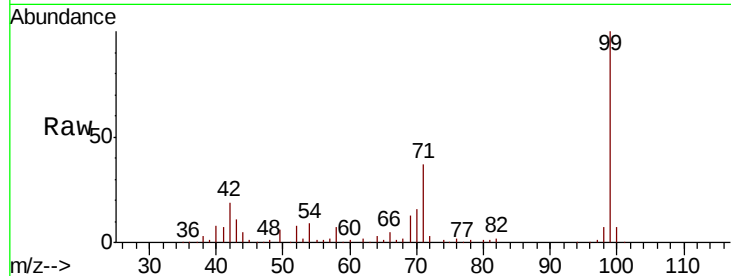
Tgt Ion: 99 Resp: 242046

Ion Ratio Lower Upper

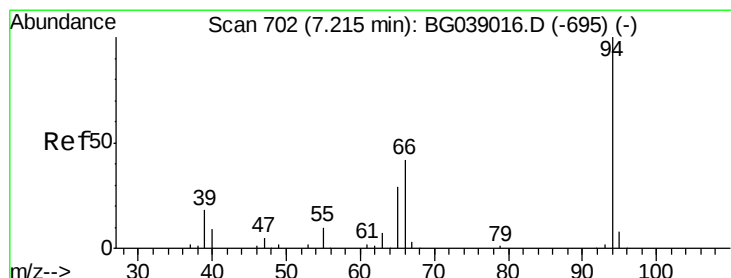
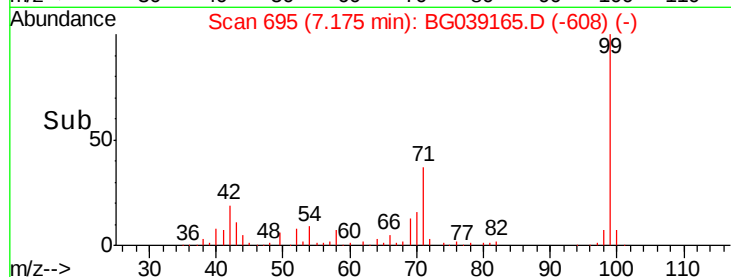
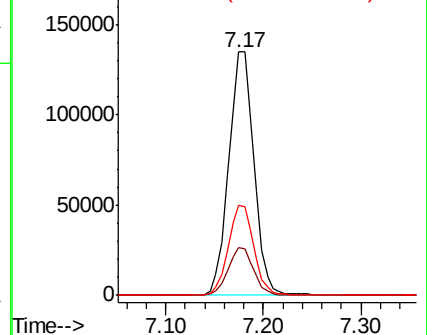
99 100

42 19.4 15.8 23.6

71 36.9 30.2 45.4



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



#10

Phenol

Concen: 2.700 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

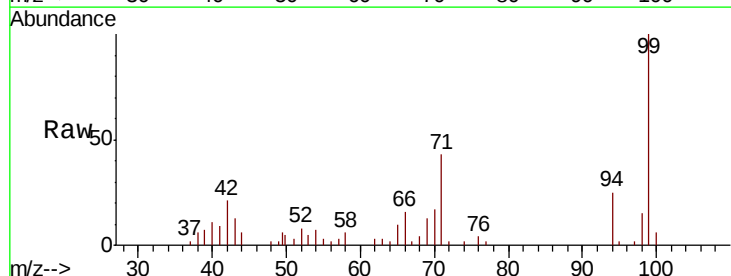
Tgt Ion: 94 Resp: 4498

Ion Ratio Lower Upper

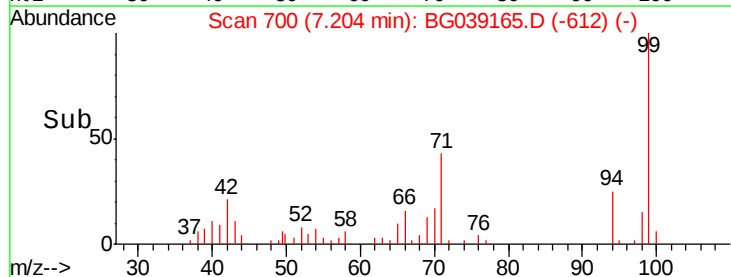
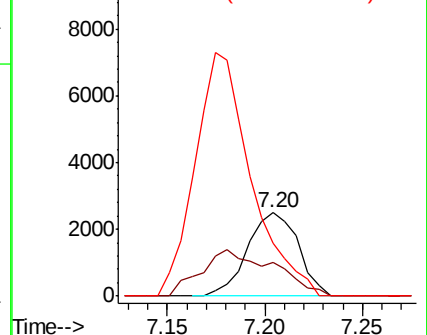
94 100

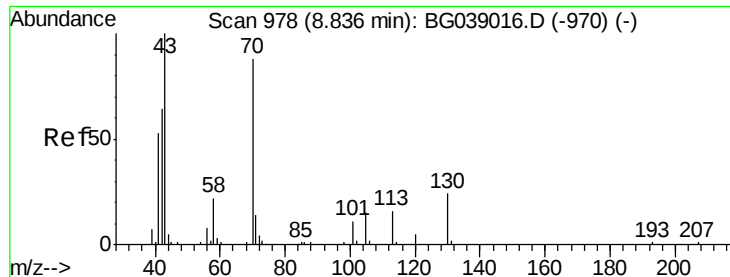
65 40.1 10.3 50.3

66 63.5 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.702 ng

RT: 9.20 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion: 70 Resp: 17136

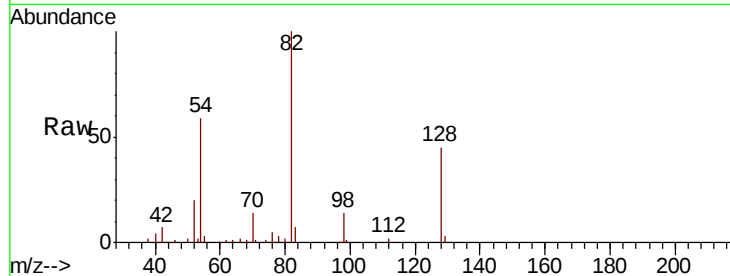
Ion Ratio Lower Upper

70 100

42 52.9 59.0 88.4#

101 0.0 10.4 15.6#

130 1.8 21.6 32.4#

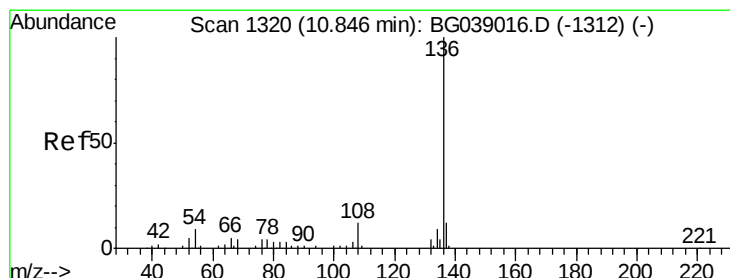
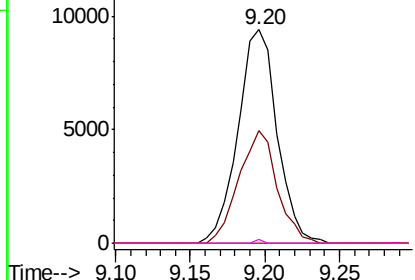
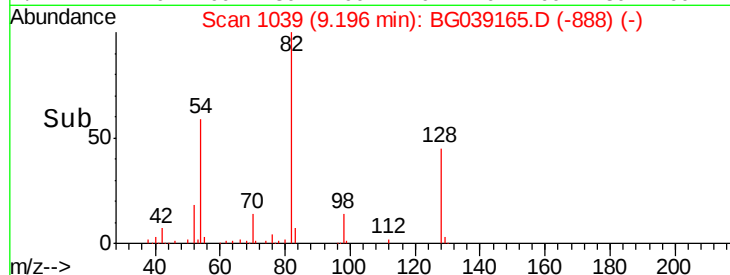


Abundance Ion 70.00 (69.70 to 70.70): BGC

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# 1318

Delta R.T. -0.01 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

Tgt Ion: 136 Resp: 96147

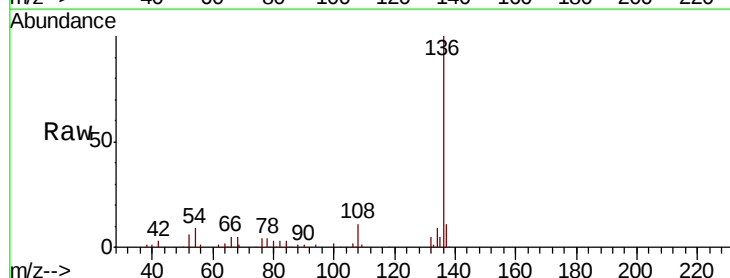
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.2

54 9.3 7.2 10.8

68 5.3 3.5 5.3

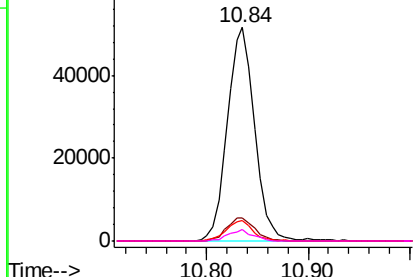
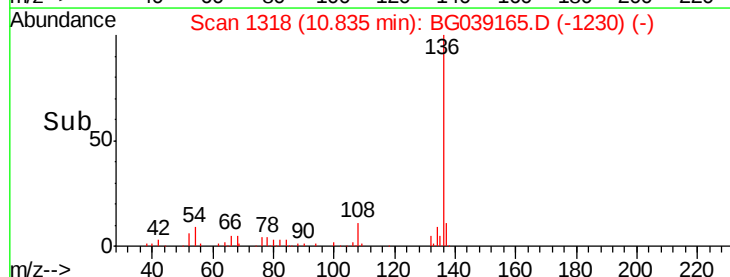


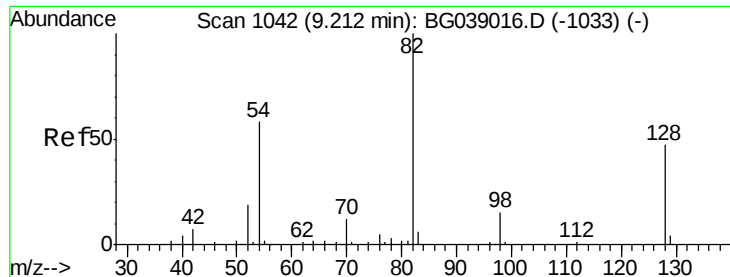
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

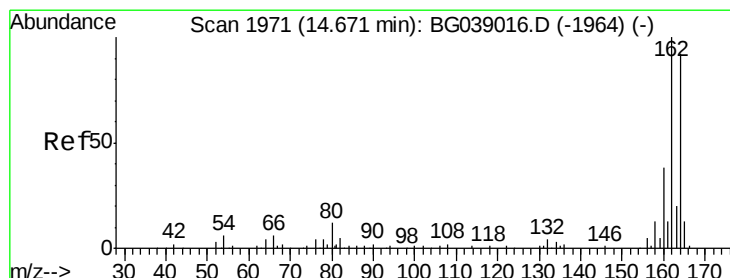
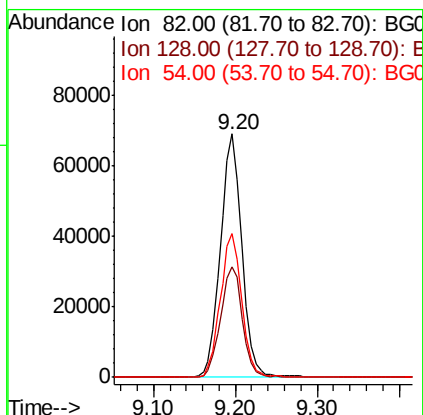
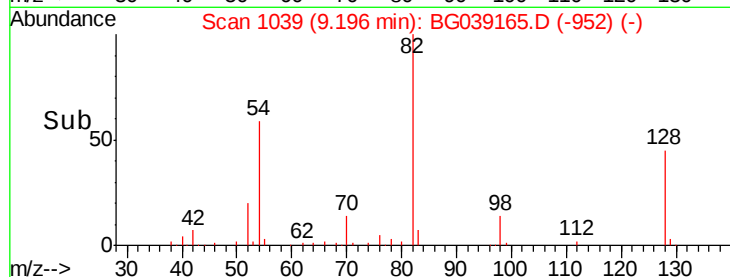
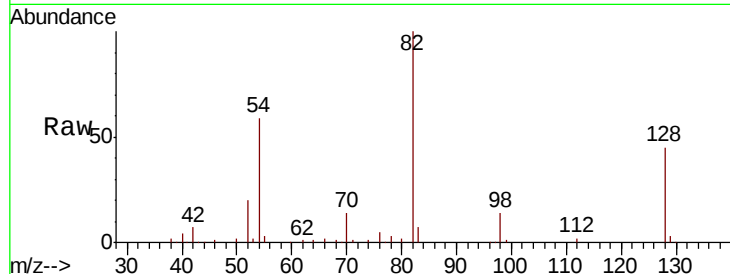




#23
 Nitrobenzene-d5
 Concen: 71.796 ng
 RT: 9.20 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BG039165.D
 Acq: 16 Jan 2019 20:15

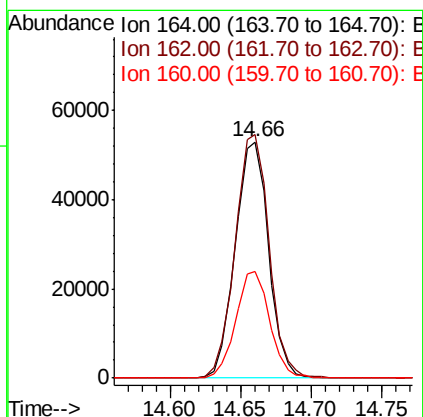
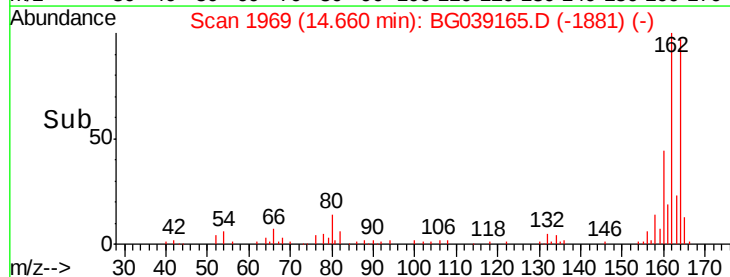
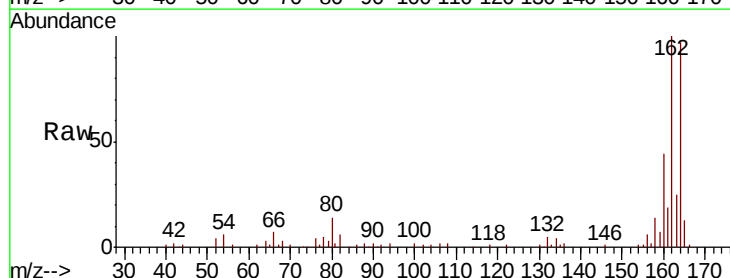
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

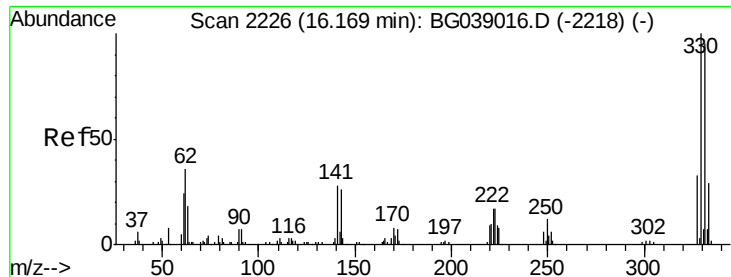
Tgt Ion: 82 Resp: 126152
 Ion Ratio Lower Upper
 82 100
 128 45.3 37.3 55.9
 54 58.9 46.4 69.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG039165.D
 Acq: 16 Jan 2019 20:15

Tgt Ion: 164 Resp: 87297
 Ion Ratio Lower Upper
 164 100
 162 102.9 87.2 130.8
 160 44.9 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 84.956 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

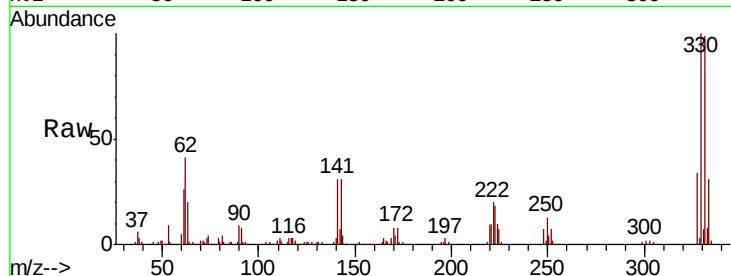
Tgt Ion:330 Resp: 124319

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

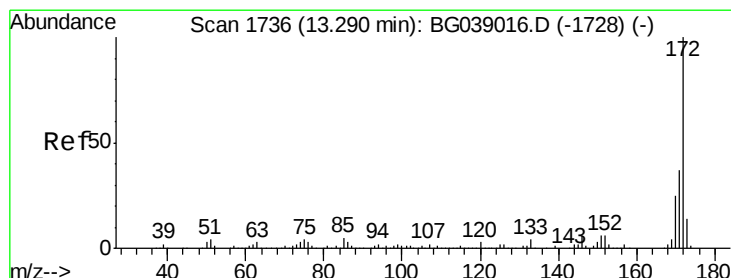
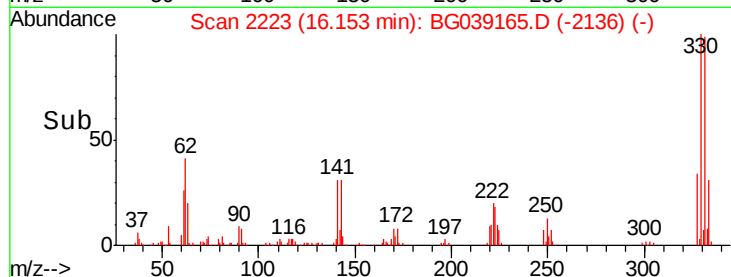
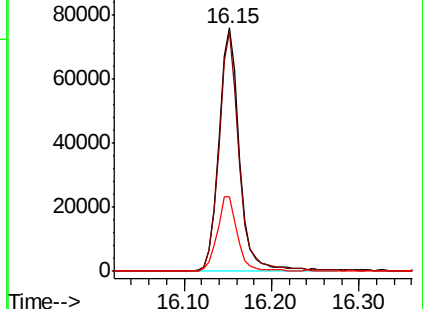
141 30.4 24.9 37.3



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: 58.319 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

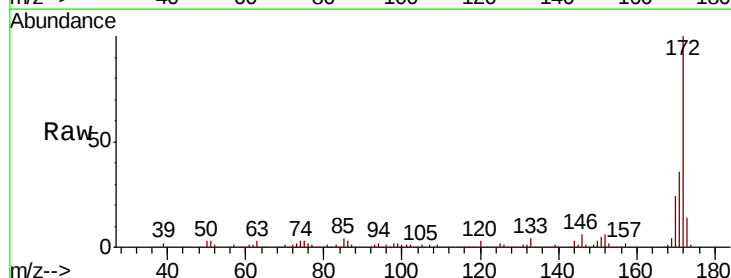
Tgt Ion:172 Resp: 372000

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

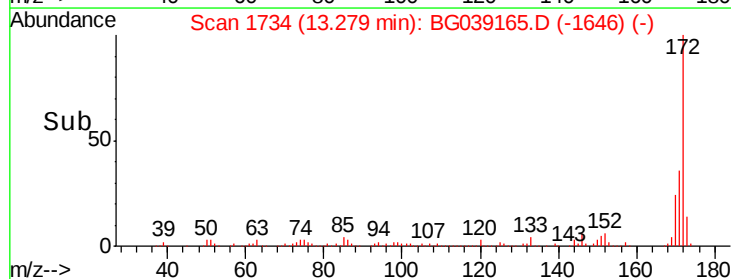
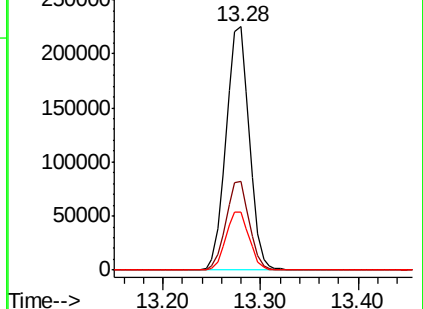
170 23.8 20.1 30.1

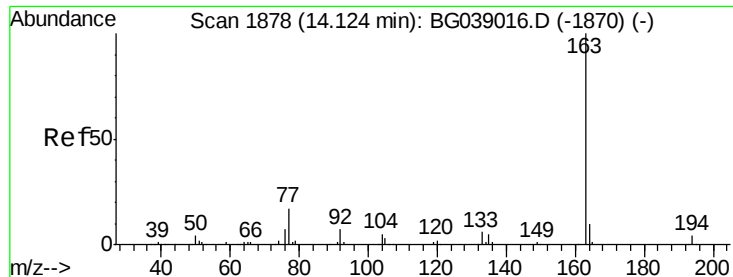


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

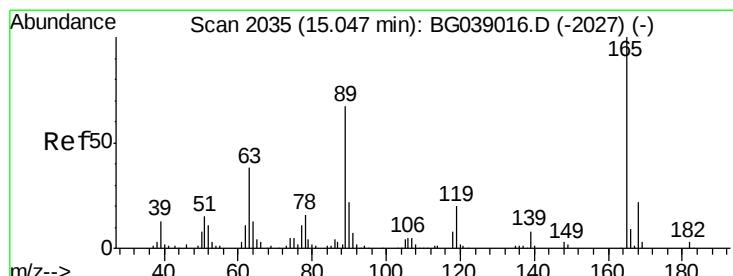
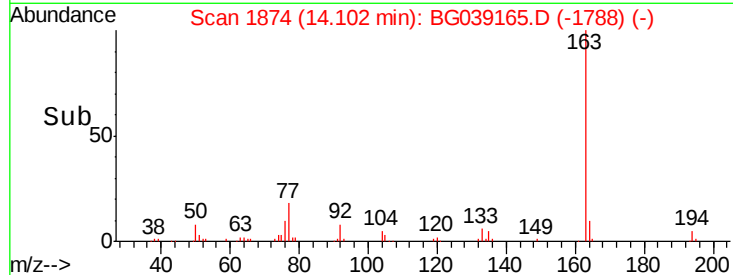
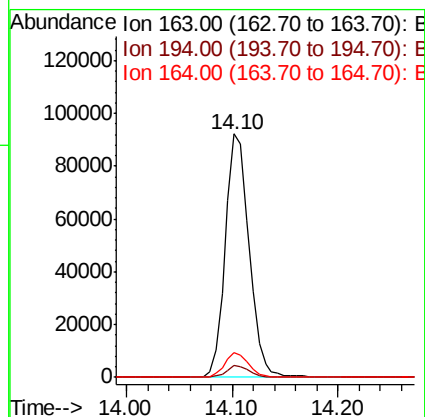
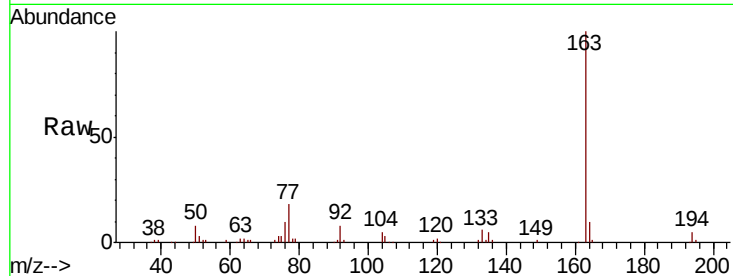




#50
Dimethylphthalate
Concen: 19.598 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

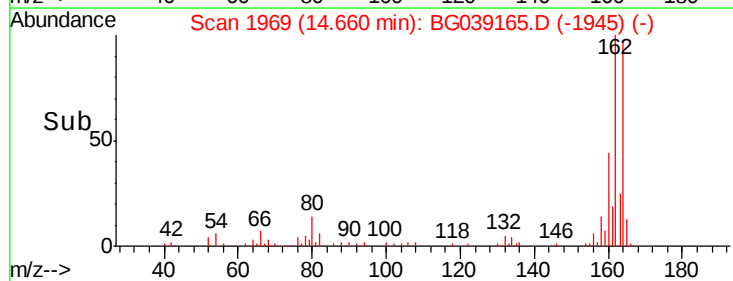
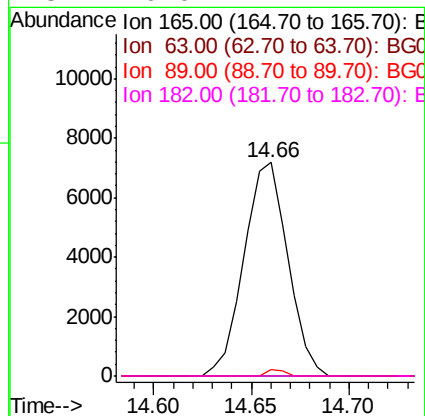
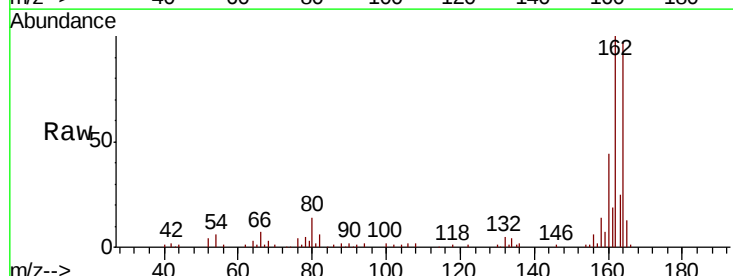
Instrument :
BNA_G
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FK-BPM-01-D9-E9-D9A-E9A

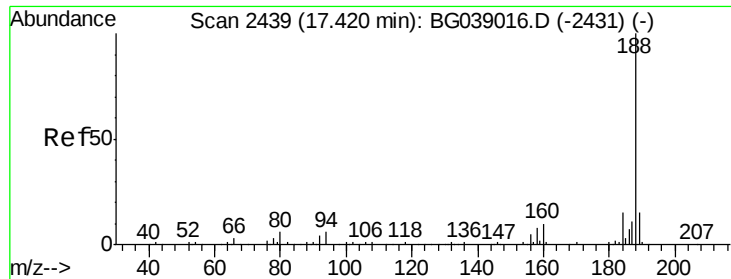
Tgt Ion:163 Resp: 144571
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 10.4 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 4.722 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.39 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion:165 Resp: 11173
Ion Ratio Lower Upper
165 100
63 0.0 30.2 45.4#
89 2.8 53.2 79.8#
182 0.0 2.7 4.1#

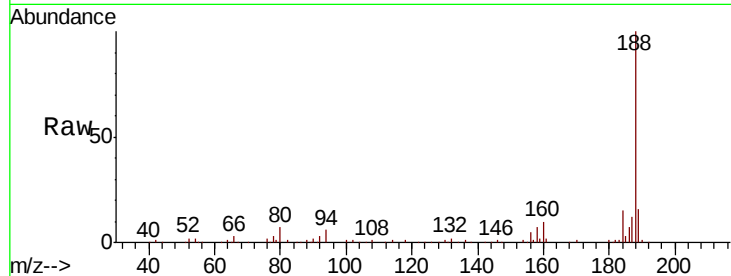




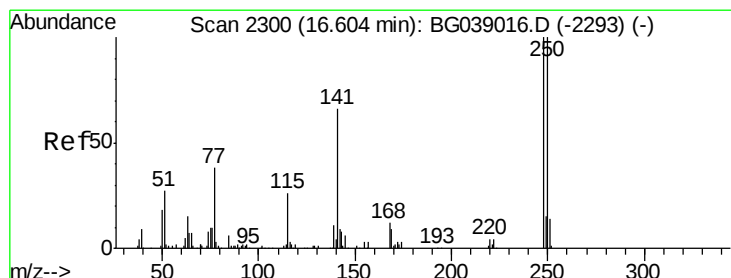
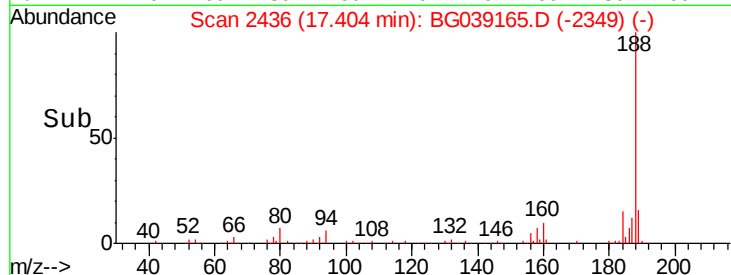
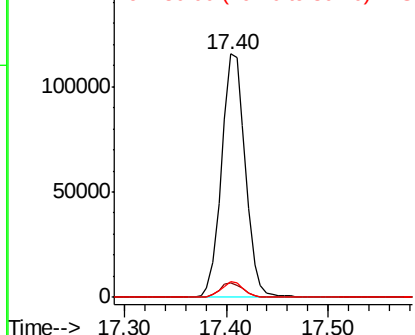
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:188 Resp: 187933
Ion Ratio Lower Upper
188 100
94 6.0 5.0 7.4
80 6.6 4.7 7.1

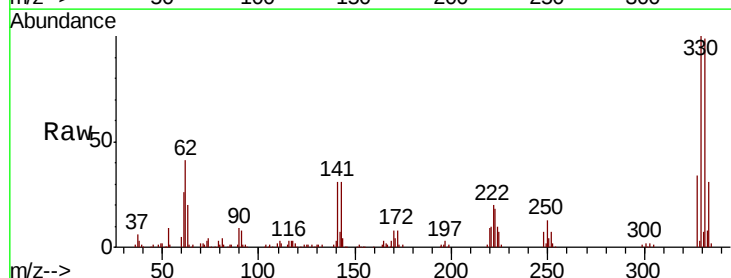


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

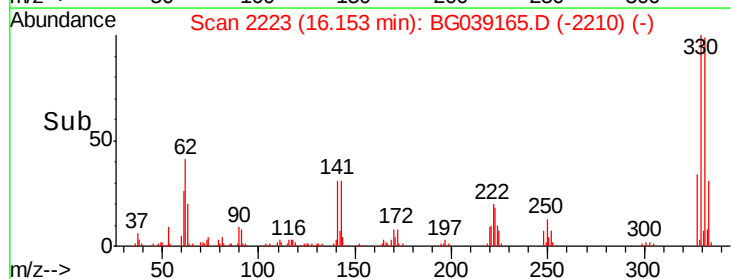
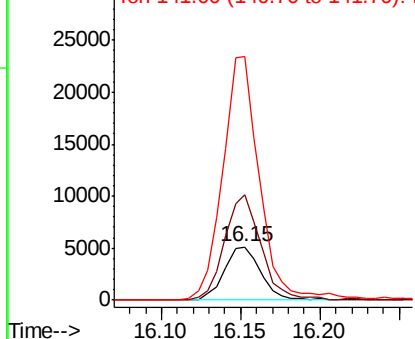


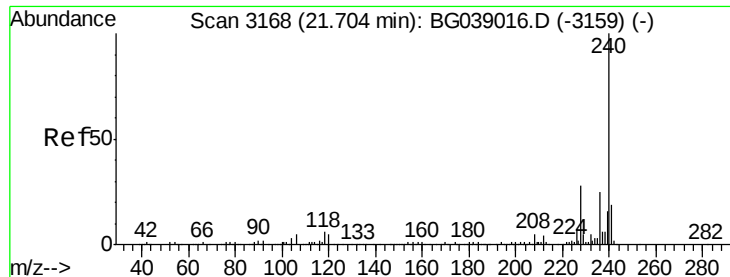
#67
4-Bromophenyl-phenylether
Concen: 3.374 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Tgt Ion:248 Resp: 8150
Ion Ratio Lower Upper
248 100
250 262.2 79.9 119.9#
141 457.1 52.7 79.1#



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# 3164

Delta R.T. -0.02 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

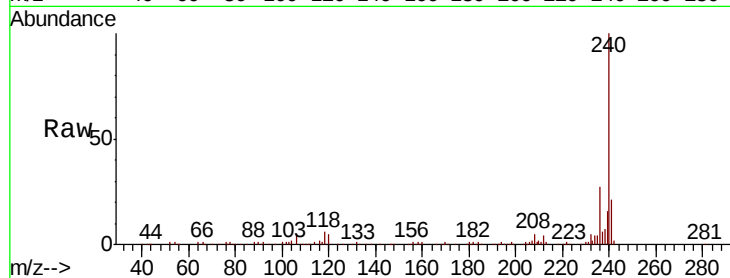
Tgt Ion:240 Resp: 205143

Ion Ratio Lower Upper

240 100

120 5.3 4.3 6.5

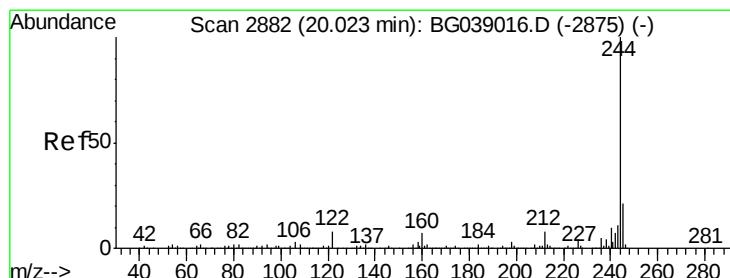
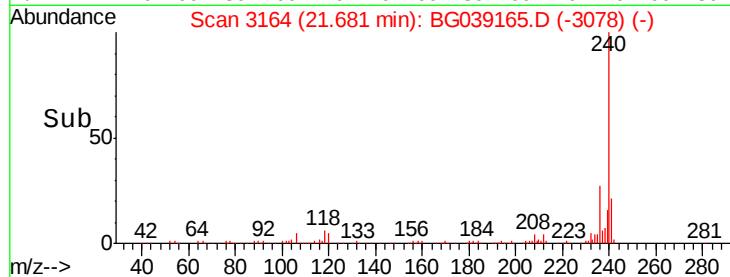
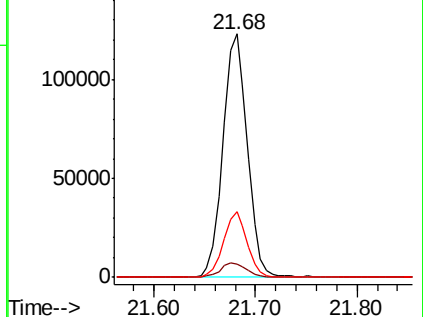
236 27.1 20.1 30.1



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: 69.927 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

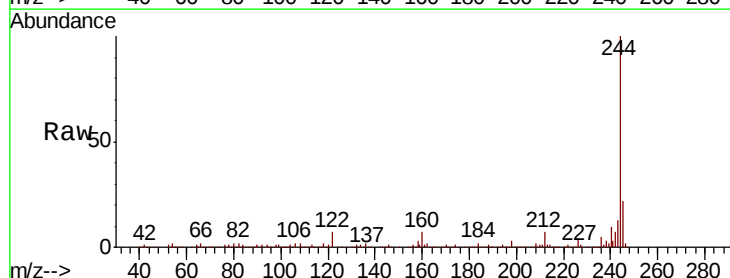
Tgt Ion:244 Resp: 775457

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

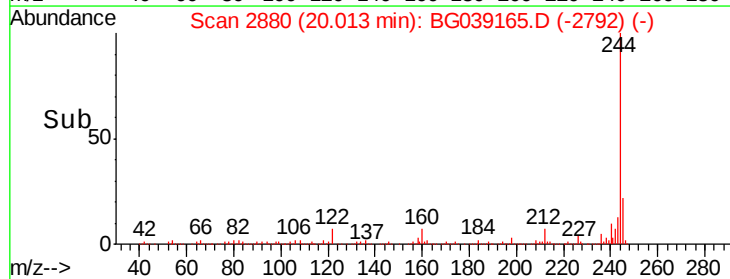
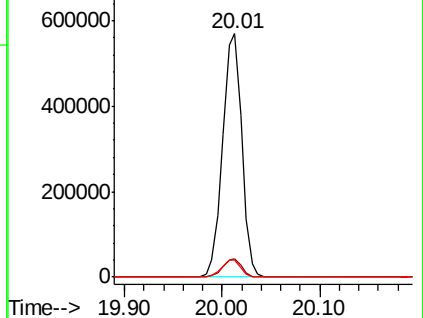
122 7.2 6.1 9.1

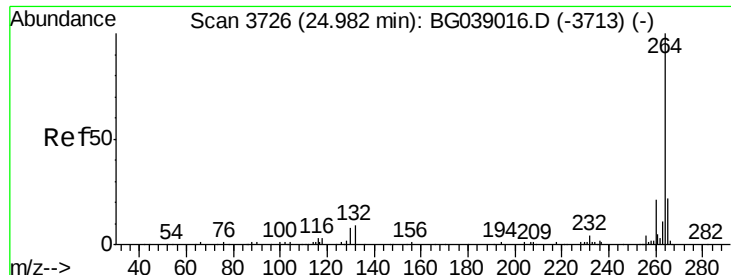


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.95 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:	264	Resp:	225222
Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.0	25.6
265	20.9	17.2	25.8

