

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 04:20:00 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

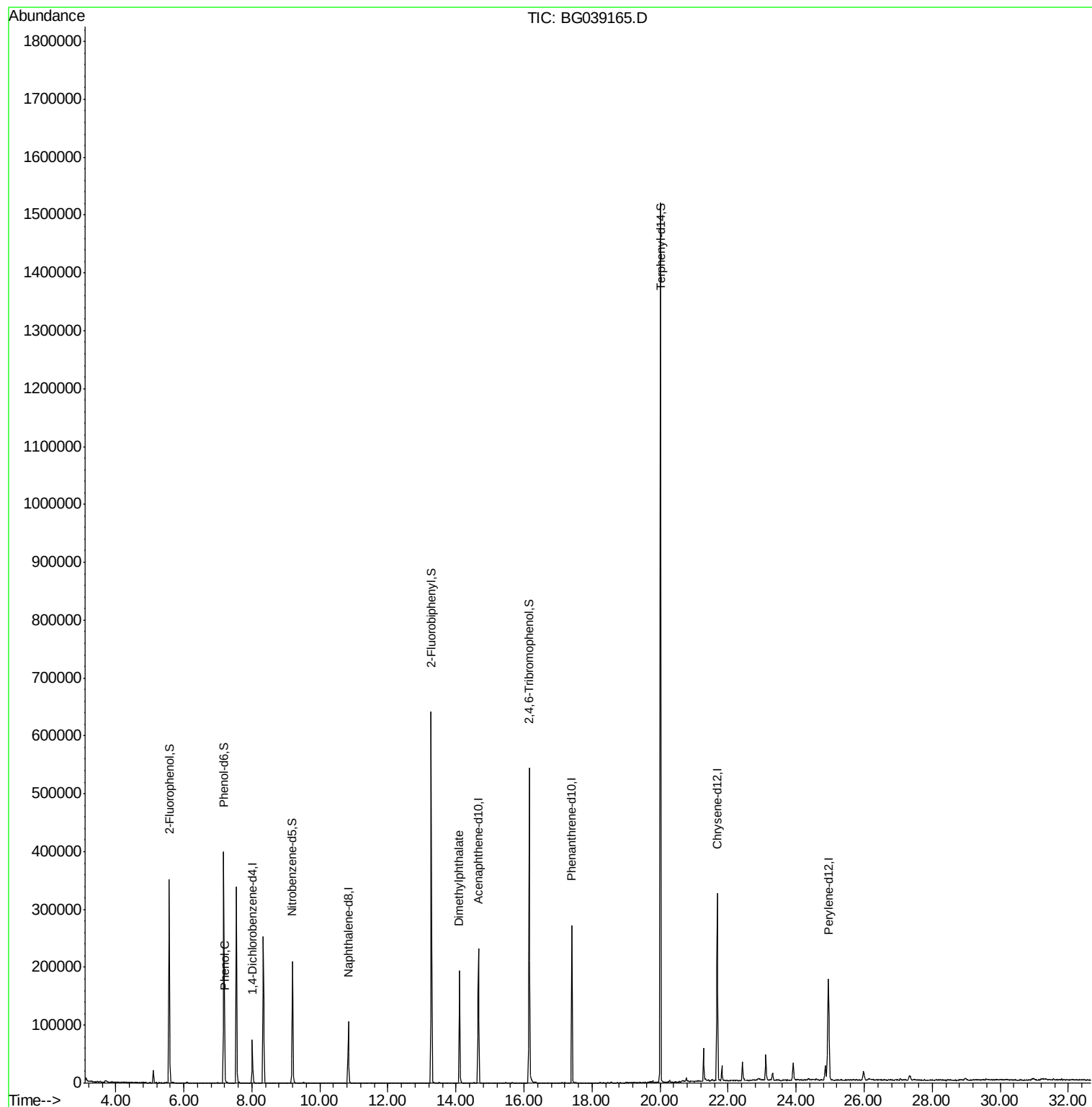
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21906	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	96147	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	87297	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	187933	20.00	ng	-0.02
76) Chrysene-d12	21.68	240	205143	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
50) Dimethylphthalate	14.10	163	144571	19.598	ng	99

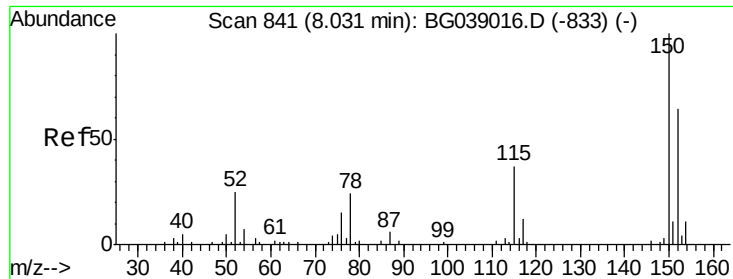
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JU/SJ
Sample : K1142-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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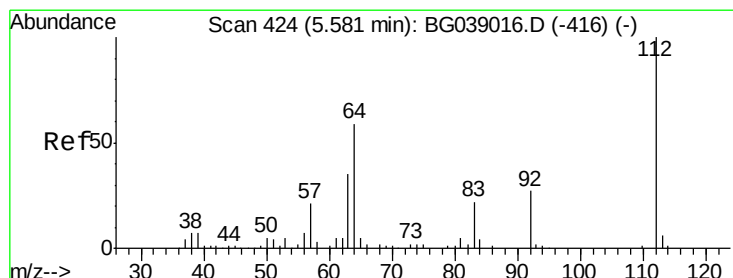
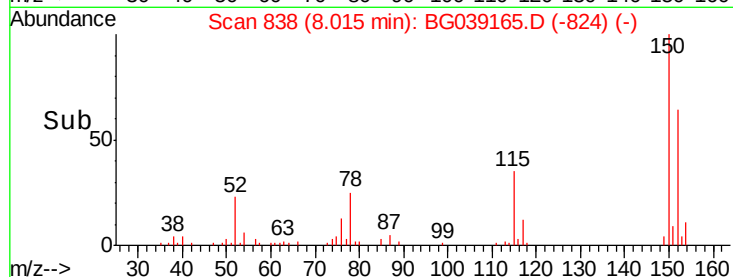
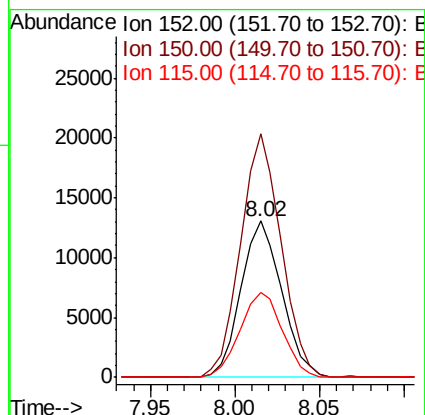
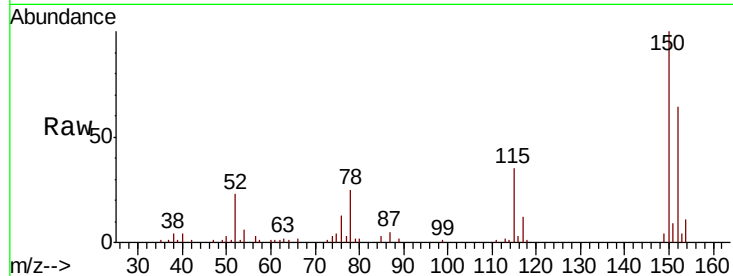


#1

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

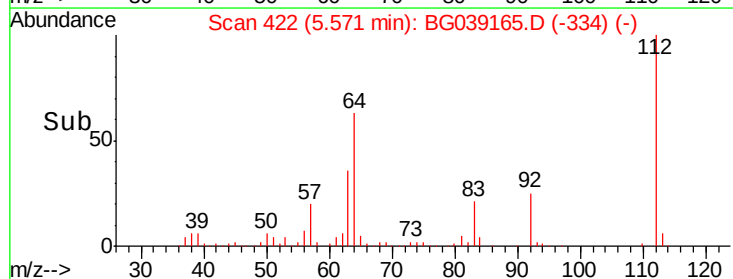
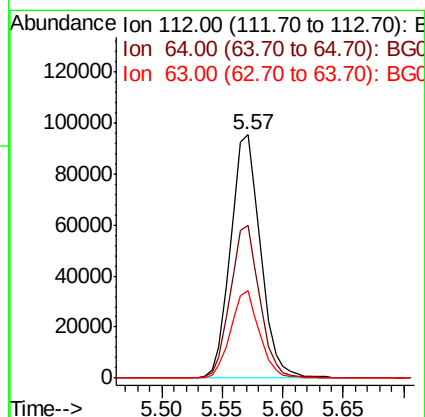
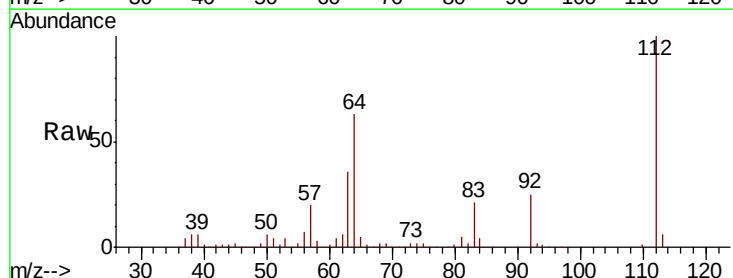
Tot Ion:152 Resp: 21906
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 53.9 46.5 69.7

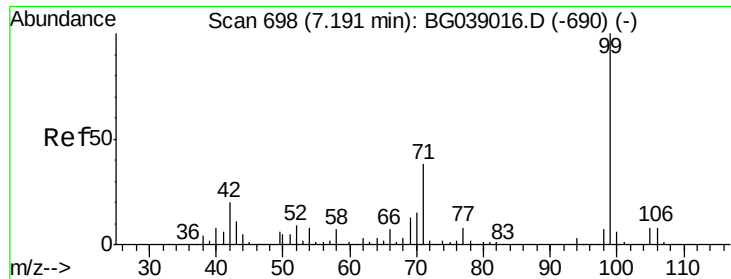


#5

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

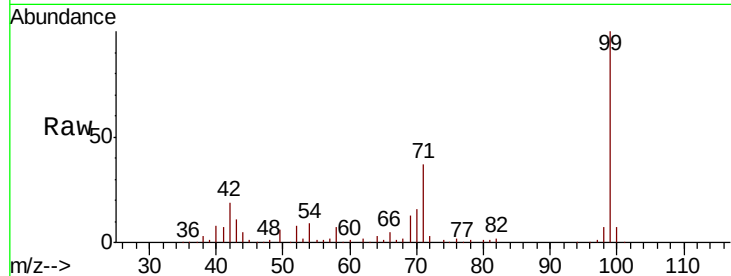
Tot Ion: 99 Resp: 242046

Ion Ratio Lower Upper

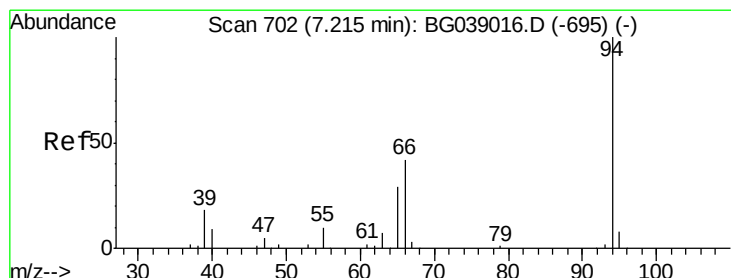
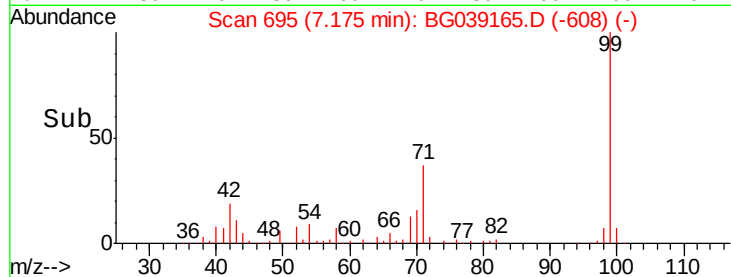
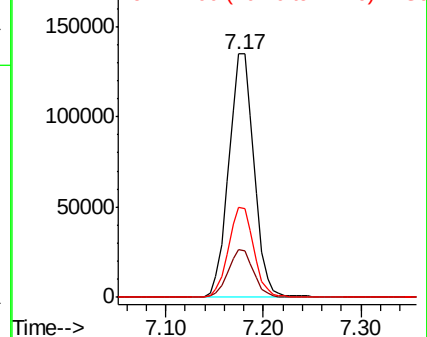
99 100

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

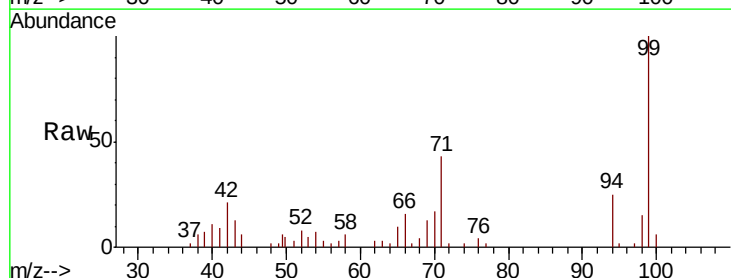
Tgt Ion: 94 Resp: 4498

Ion Ratio Lower Upper

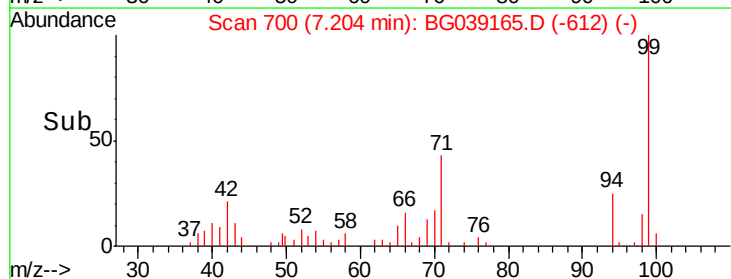
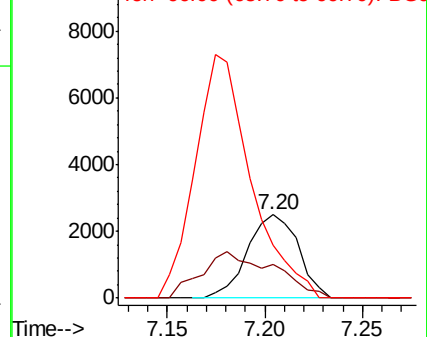
94 100

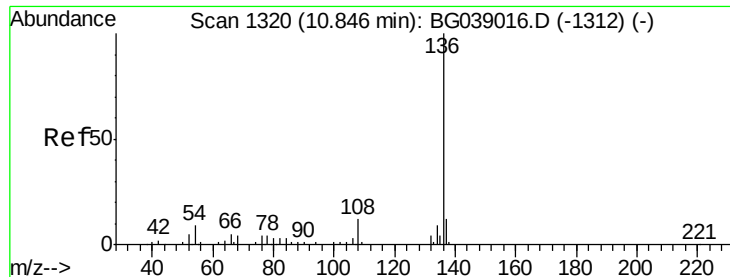
65 40.1 10.3 50.3

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

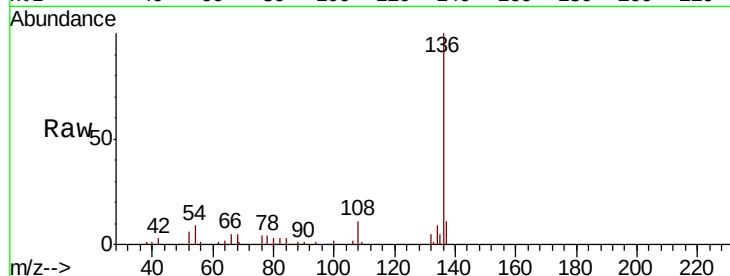




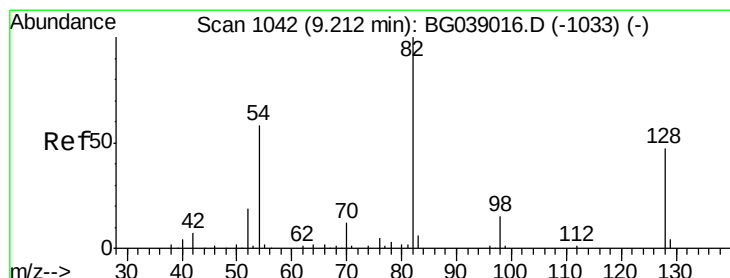
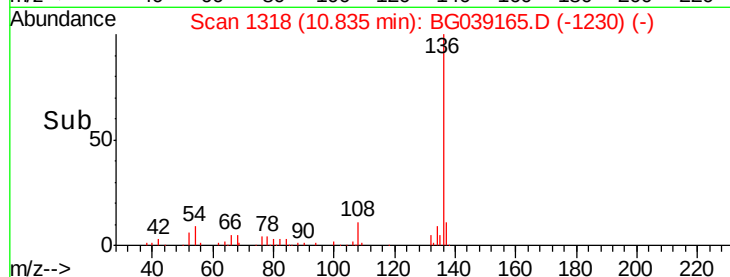
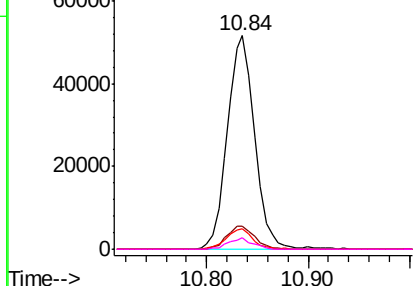
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

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

Tot 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

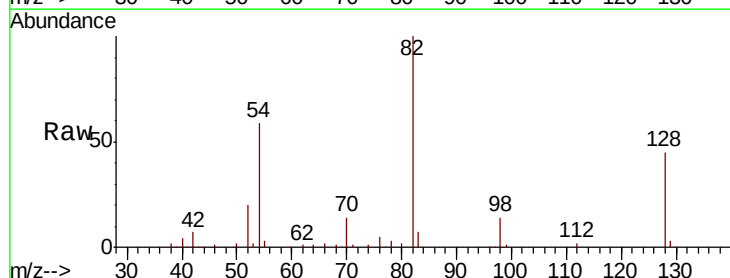


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

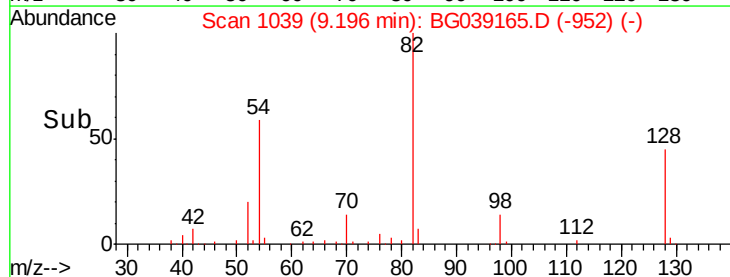
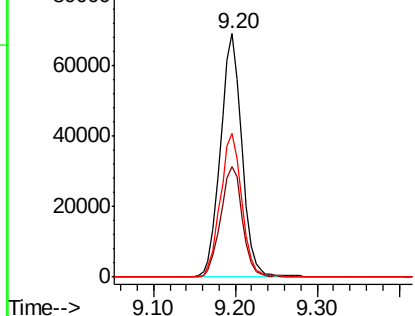


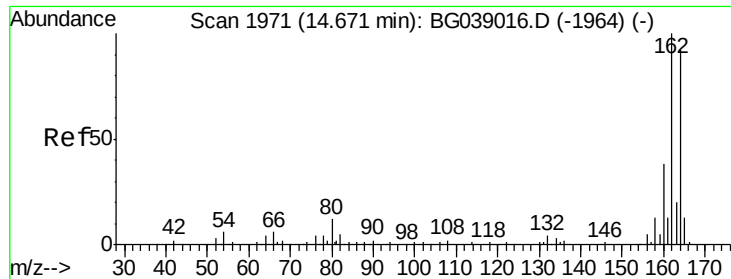
#23
Nitrobenzene-d5
Concen: 71.796 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

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



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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

Instrument :

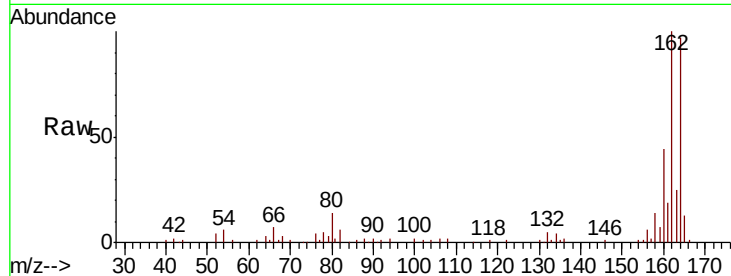
BNA_G

ClientSampleId :

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

Tot Ion:164 Resp: 87297

Ion	Ratio	Lower	Upper
164	100		
162	102.9	87.2	130.8
160	44.9	33.3	49.9

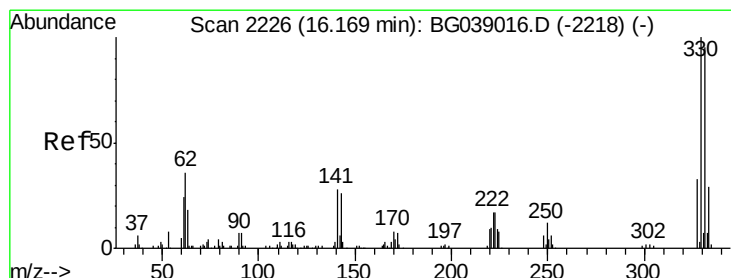
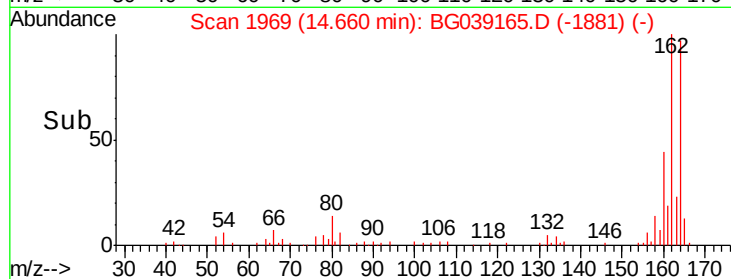
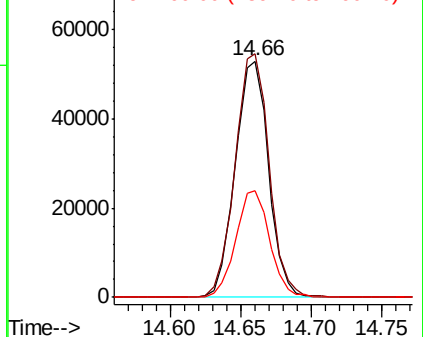


Abundance

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: 84.956 ng

RT: 16.15 min Scan# 2223

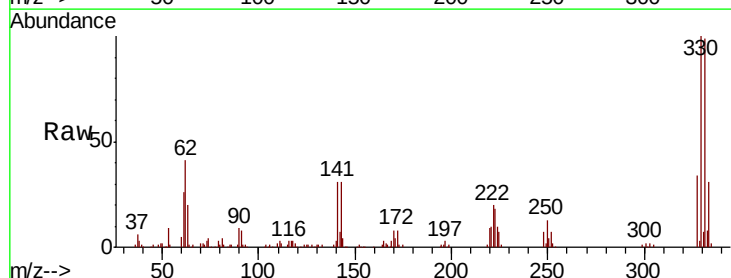
Delta R.T. -0.02 min

Lab File: BG039165.D

Acq: 16 Jan 2019 20:15

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

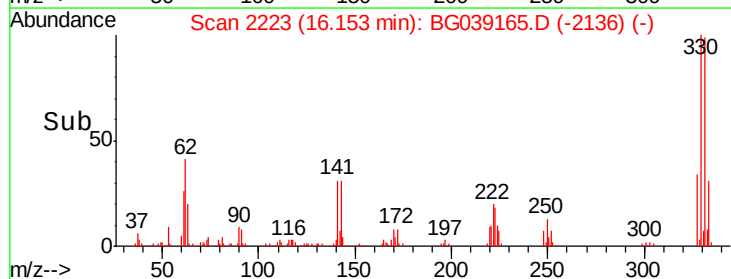
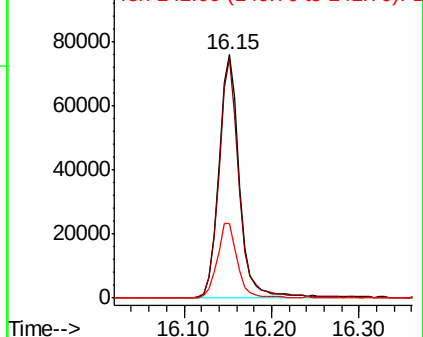


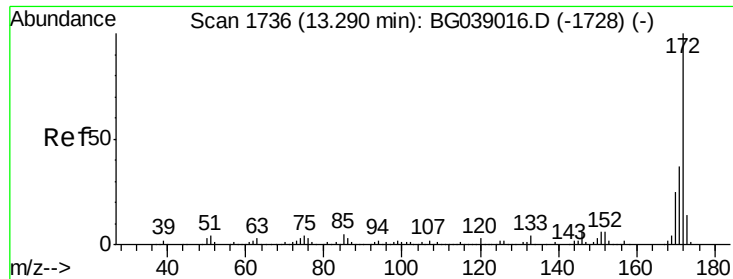
Abundance

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

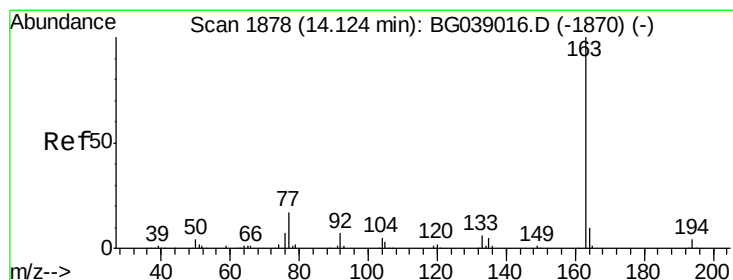
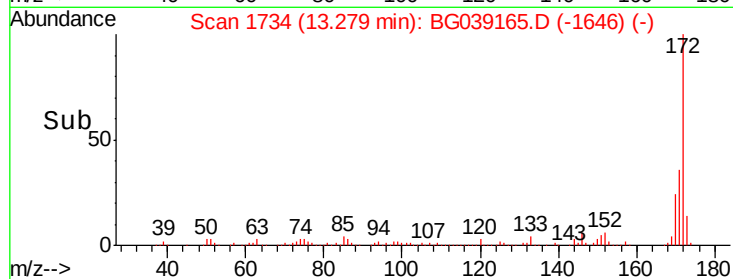
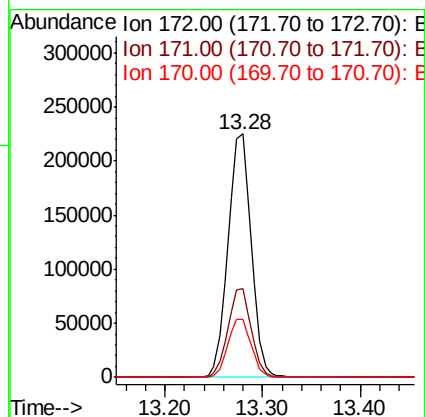
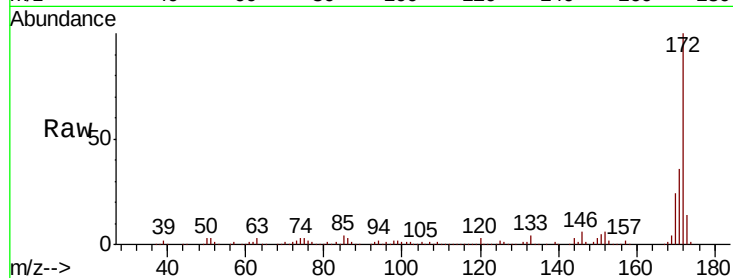




#45
 2-Fluorobiphenyl
 Concen: 58.319 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039165.D
 Acq: 16 Jan 2019 20:15

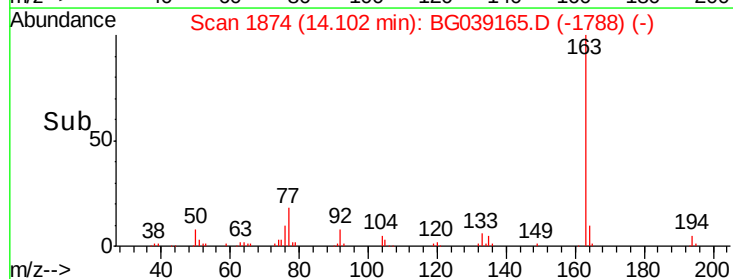
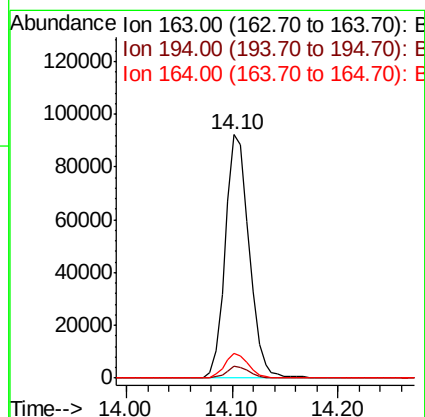
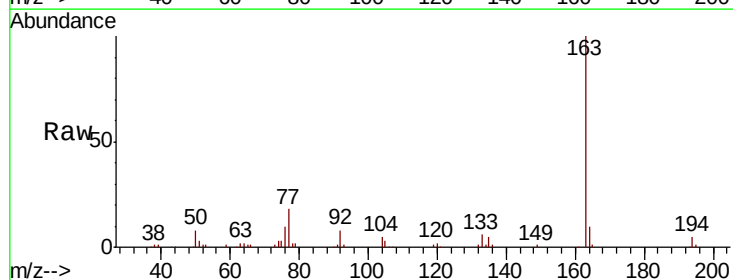
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

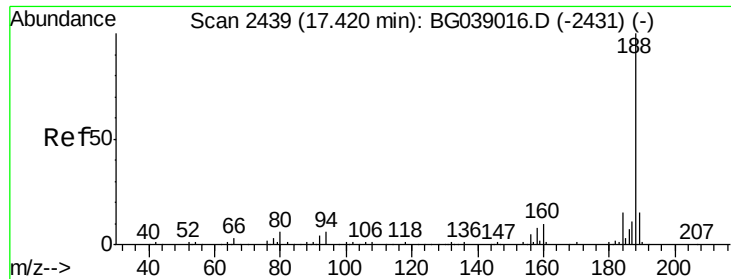
Tot Ion:172 Resp: 372000
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 23.8 20.1 30.1



#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

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

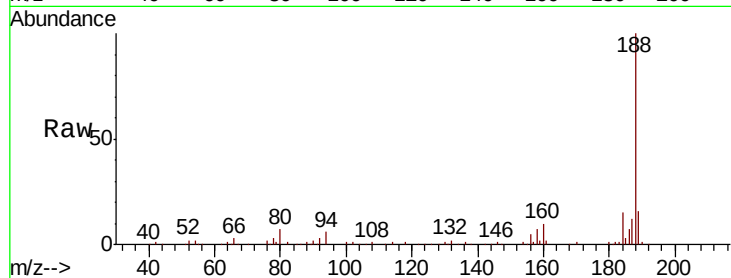




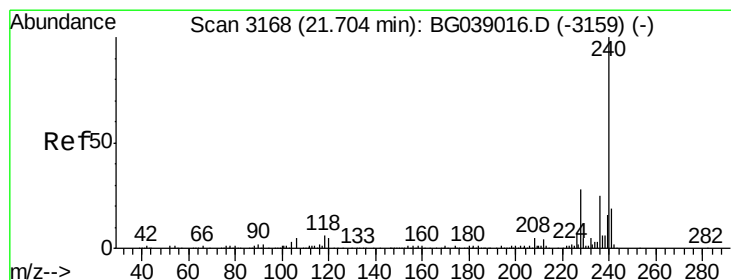
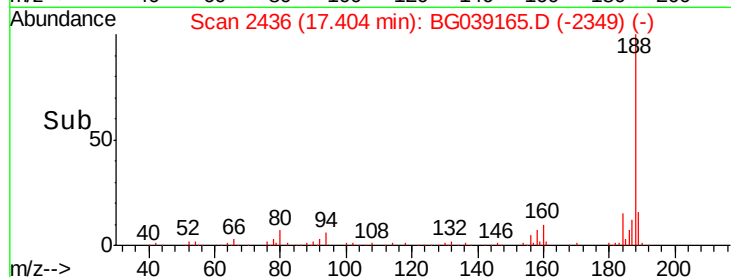
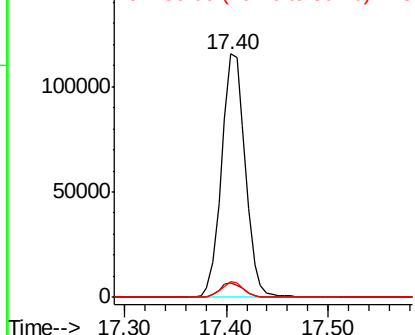
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

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

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

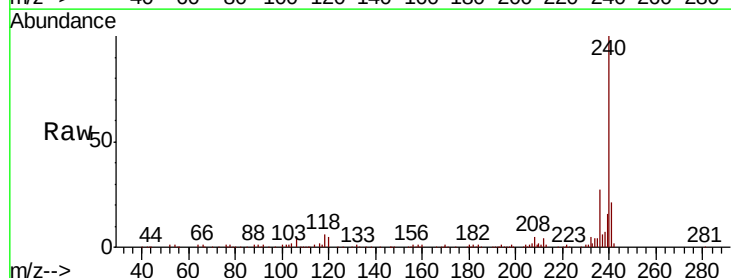


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

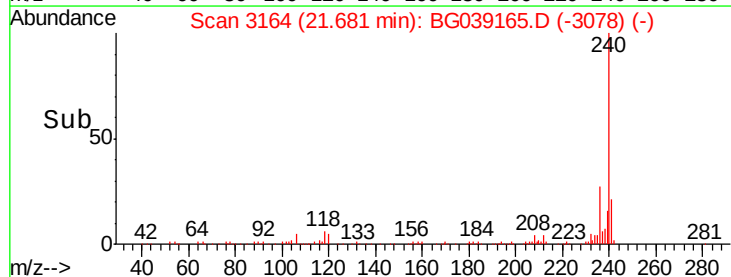
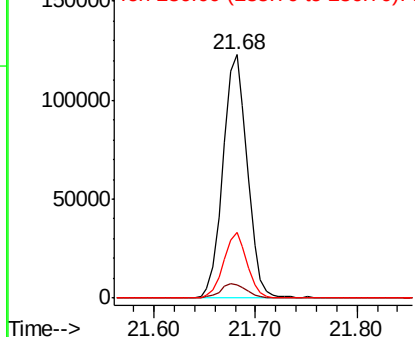


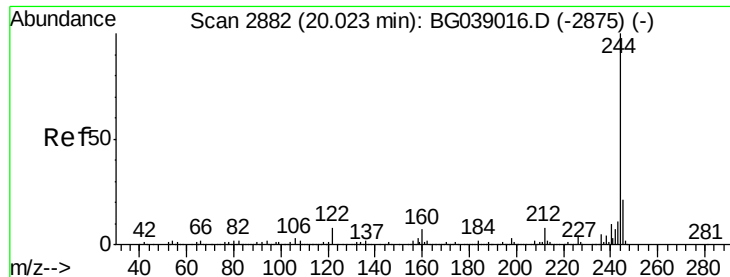
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG039165.D
Acq: 16 Jan 2019 20:15

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

Instrument :

BNA_G

ClientSampleId :

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

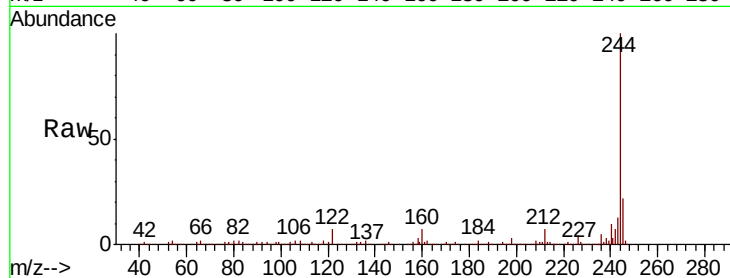
Tot Ion:244 Resp: 775457

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

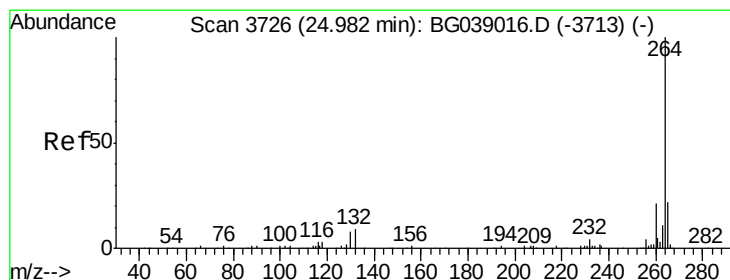
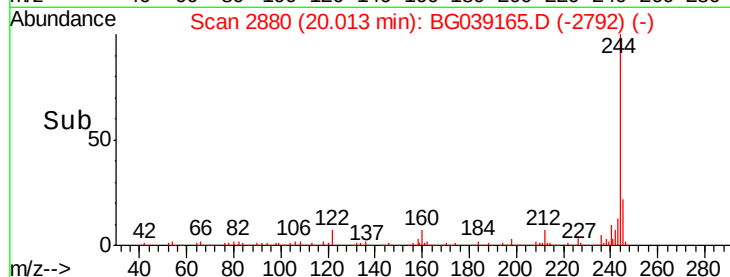
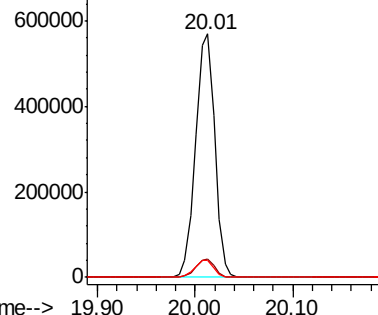
122 7.2 6.1 9.1



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

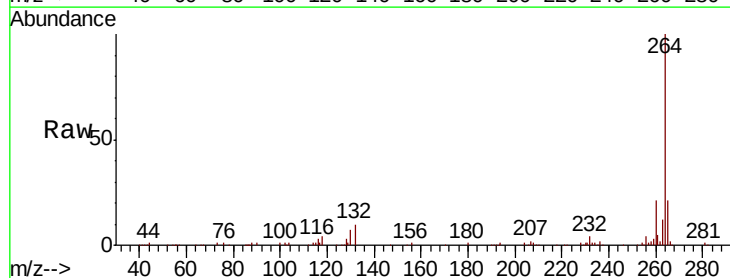
Tgt Ion:264 Resp: 225222

Ion Ratio Lower Upper

264 100

260 21.2 17.0 25.6

265 20.9 17.2 25.8



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

