

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039028.D
 Acq On : 9 Jan 2019 19:49
 Operator : JU/SJ
 Sample : K1082-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-2

Quant Time: Jan 10 04:44:27 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

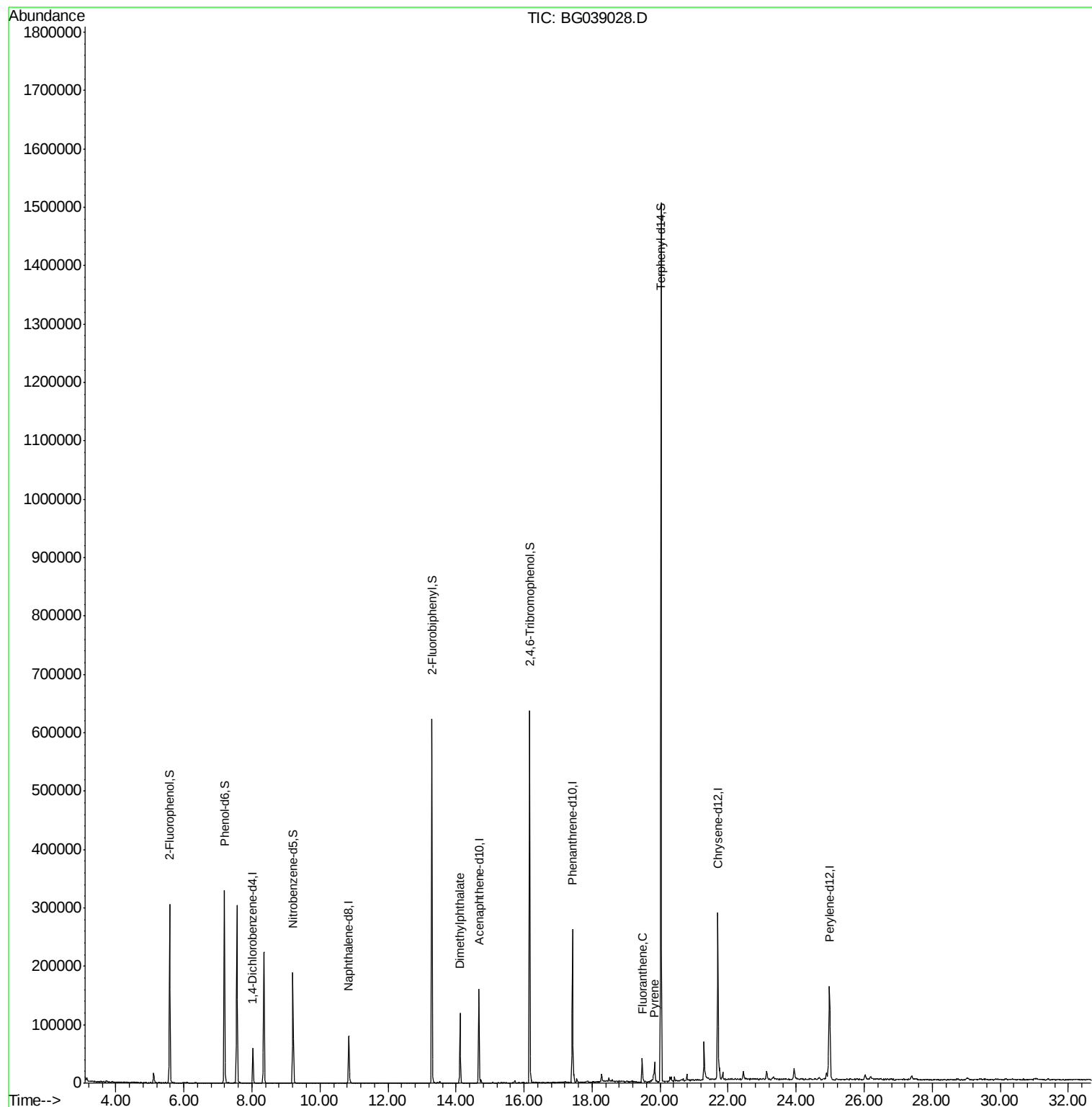
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	18489	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	77368	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	60103	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	168968	20.00	ng	0.00
76) Chrysene-d12	21.70	240	182991	20.00	ng	0.00
87) Perylene-d12	24.98	264	195281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	137654	141.23	ng	0.00
7) Phenol-d6	7.19	99	197811	141.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	115813	81.91	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	134339	133.34	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	342700	78.03	ng	0.00
79) Terphenyl-d14	20.02	244	765306	77.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	88099	17.346	ng	99
75) Fluoranthene	19.47	202	29317	2.648	ng	96
78) Pyrene	19.83	202	23880	2.048	ng	93

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

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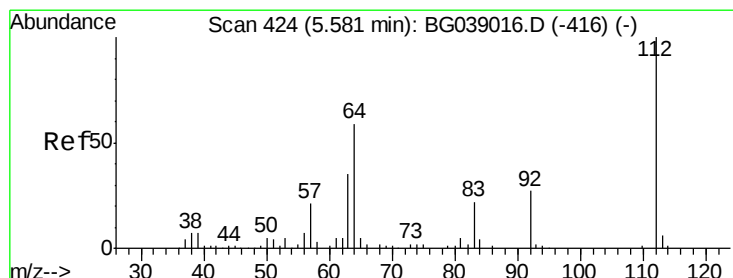
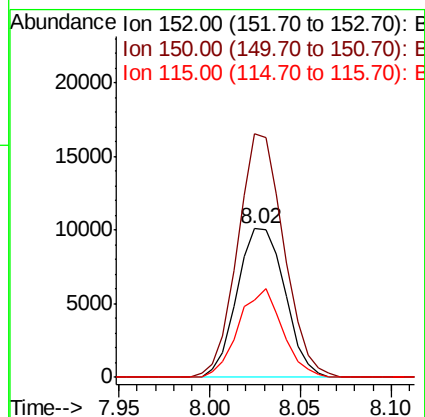
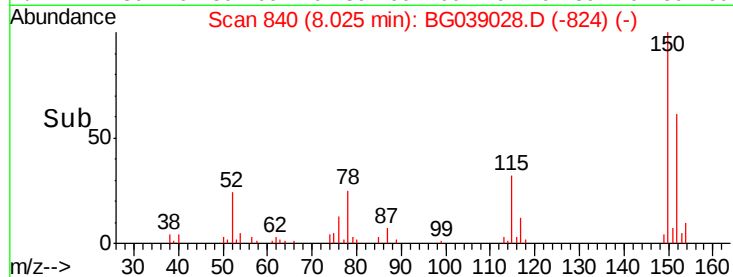
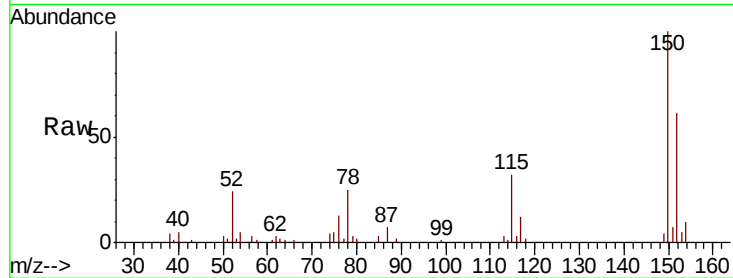


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Instrument :
BNA_G
ClientSampleId :
SP-1-2

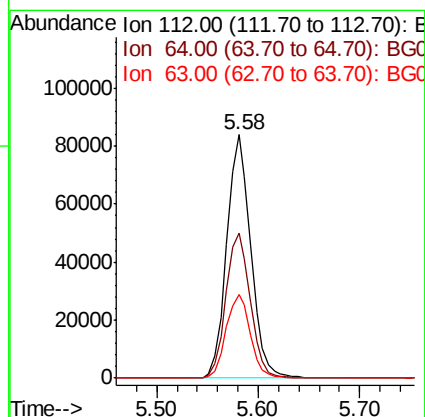
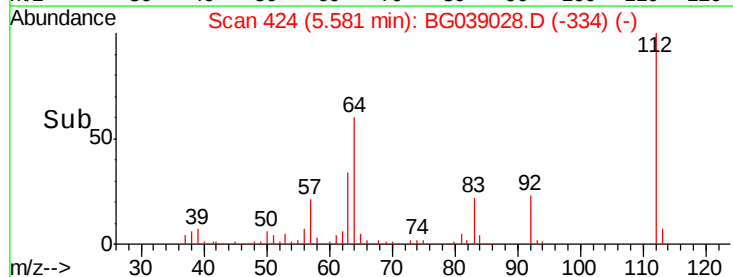
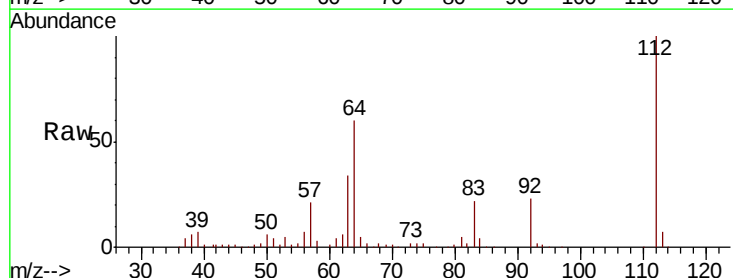
Tot Ion:152 Resp: 18489
Ion Ratio Lower Upper
152 100
150 164.0 124.7 187.1
115 52.0 46.5 69.7

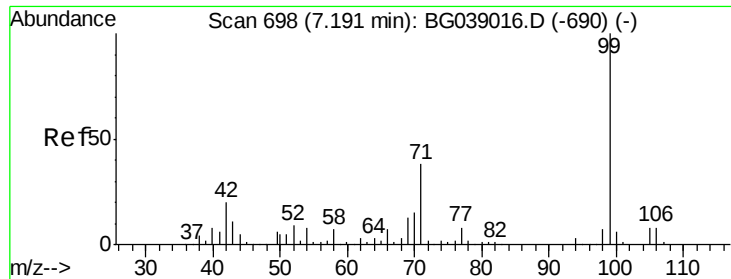


#5

2-Fluorophenol
Concen: 141.234 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:112 Resp: 137654
Ion Ratio Lower Upper
112 100
64 59.7 47.0 70.6
63 34.2 28.0 42.0





#7

Phenol-d6

Concen: 141.026 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

Instrument :

BNA_G

ClientSampled :

SP-1-2

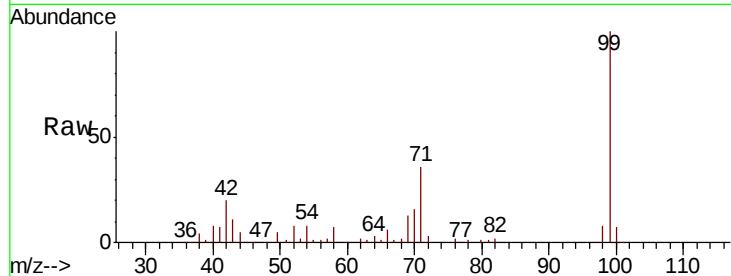
Tot Ion: 99 Resp: 197811

Ion Ratio Lower Upper

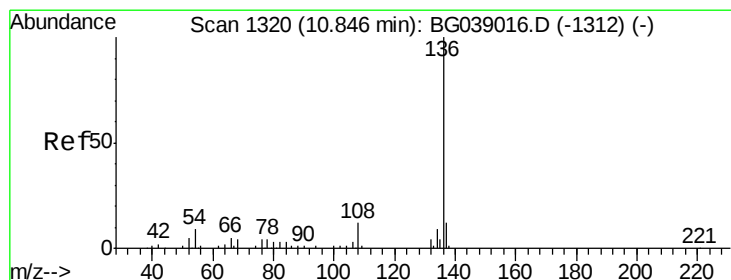
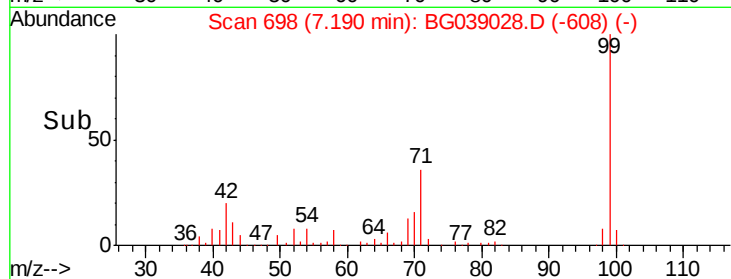
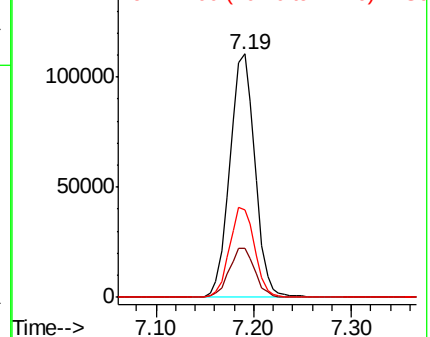
99 100

42 20.3 15.8 23.6

71 35.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

Tgt Ion: 136 Resp: 77368

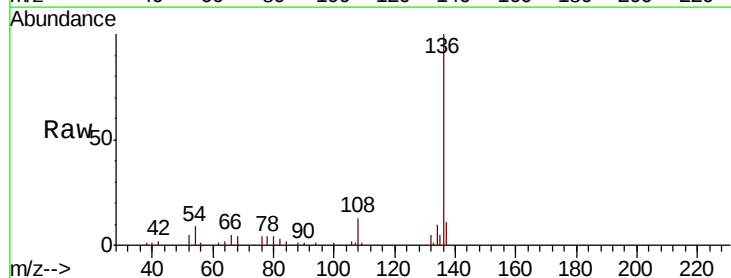
Ion Ratio Lower Upper

136 100

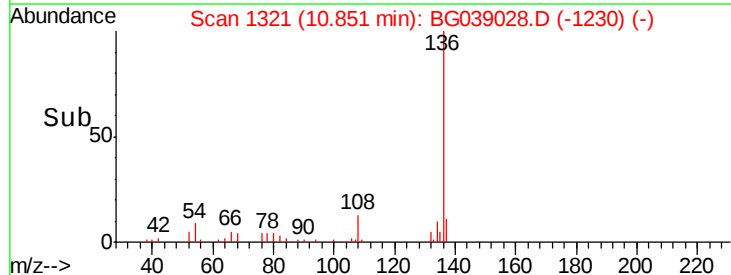
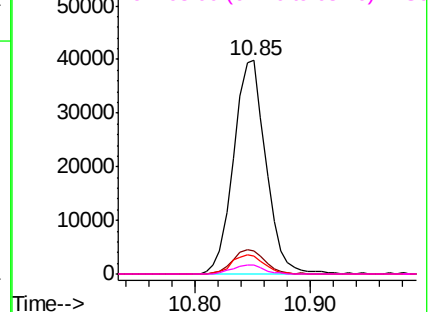
137 10.9 9.4 14.2

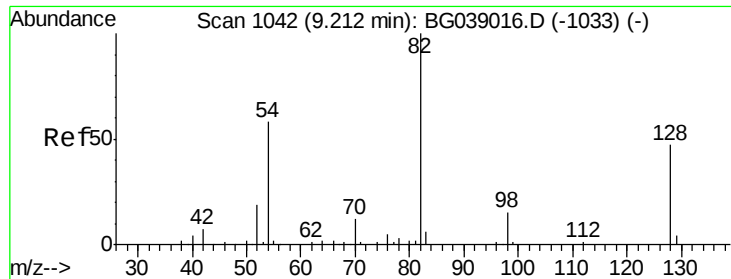
54 8.5 7.2 10.8

68 4.1 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: 81.910 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

Instrument :

BNA_G

ClientSampleId :

SP-1-2

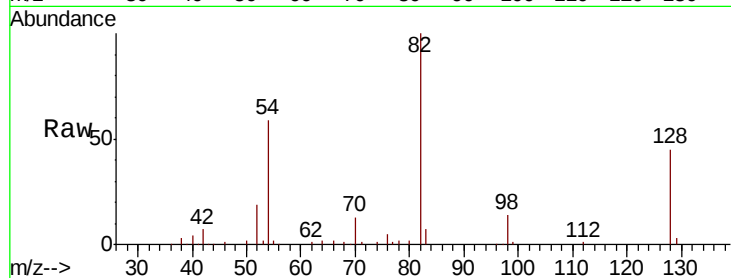
Tot Ion: 82 Resp: 115813

Ion Ratio Lower Upper

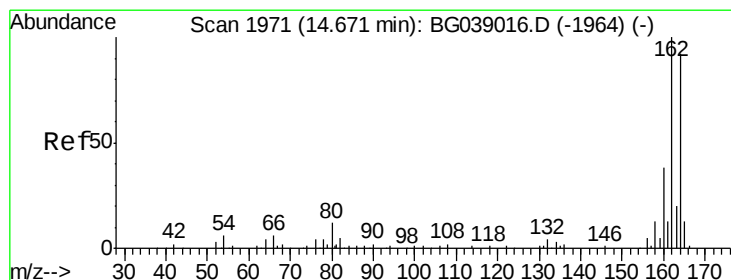
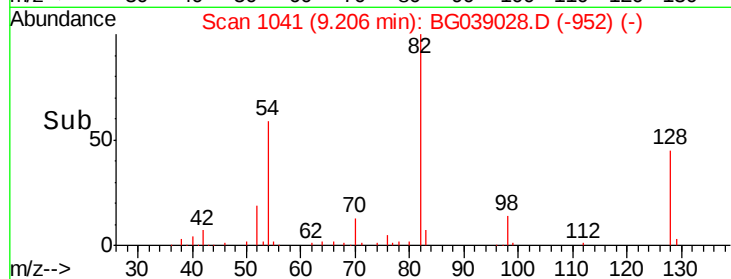
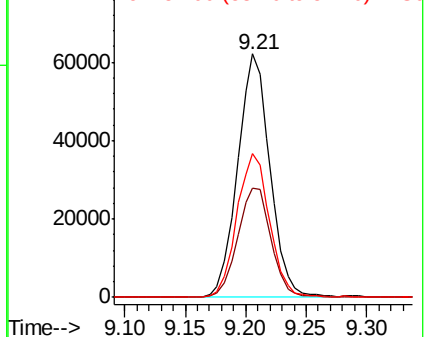
82 100

128 45.1 37.3 55.9

54 58.8 46.4 69.6



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# 1971

Delta R.T. -0.00 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

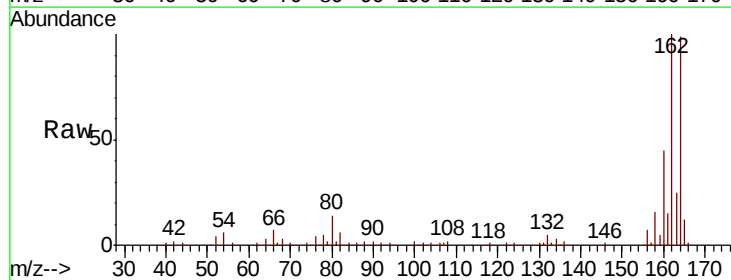
Tgt Ion:164 Resp: 60103

Ion Ratio Lower Upper

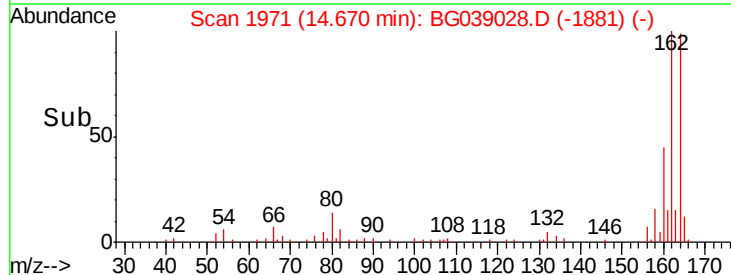
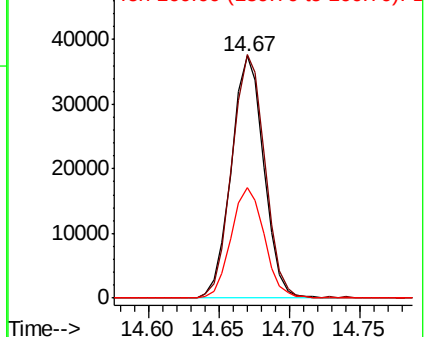
164 100

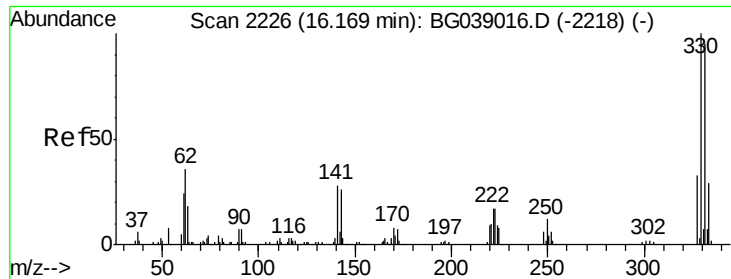
162 100.5 87.2 130.8

160 45.4 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

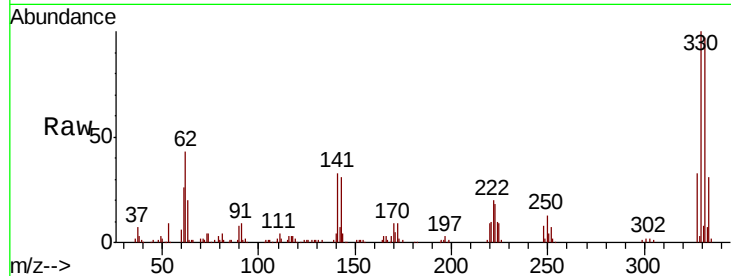




#42
 2,4,6-Tribromophenol
 Concen: 133.340 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039028.D
 Acq: 9 Jan 2019 19:49

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	31.7	24.9	37.3

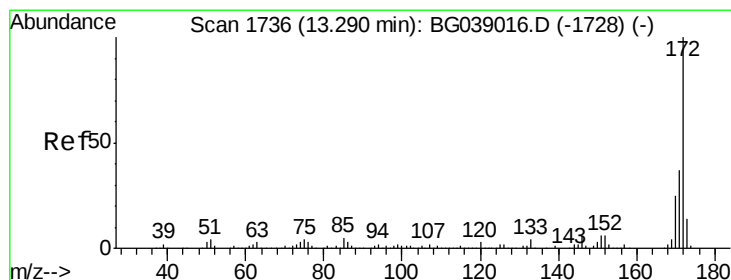
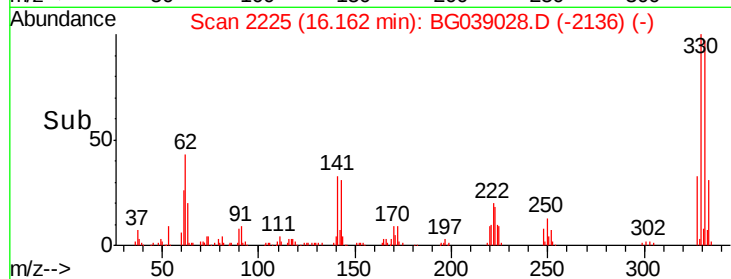
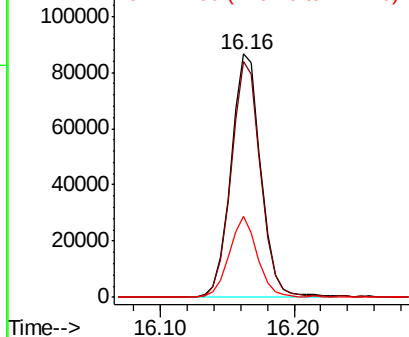


Abundance

Ion 329.80 (329.50 to 330.50): E

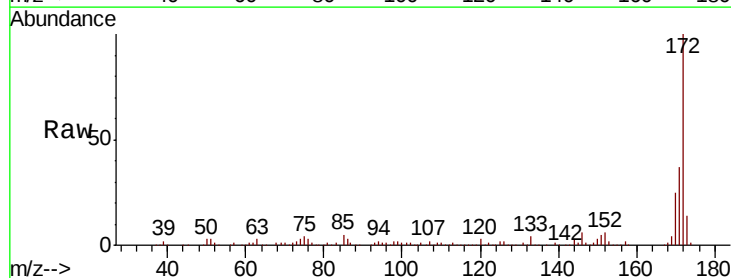
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.034 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039028.D
 Acq: 9 Jan 2019 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.6	20.1	30.1

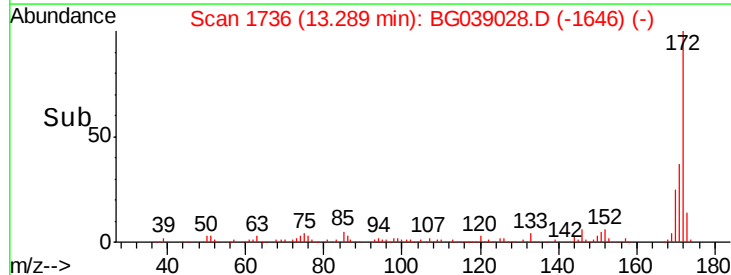
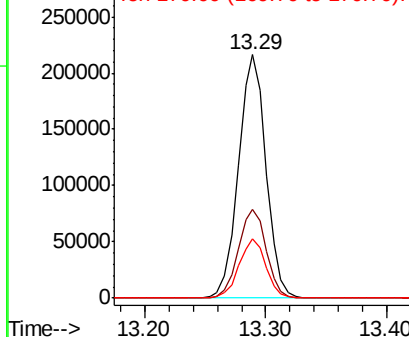


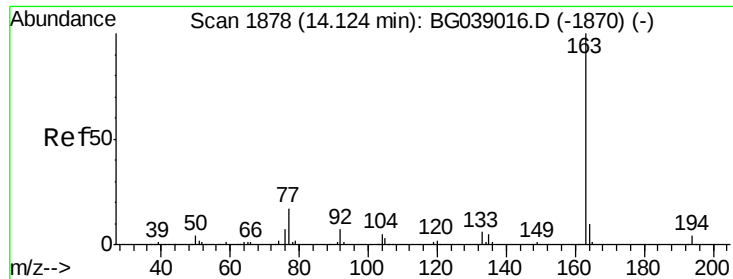
Abundance

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

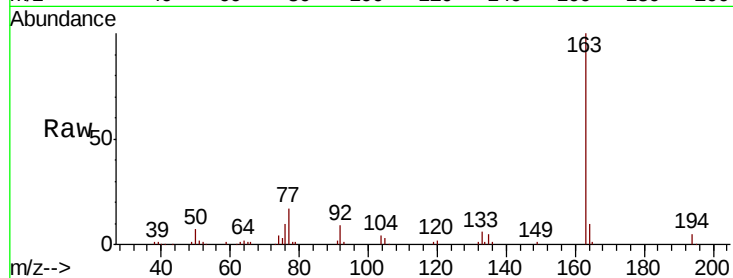




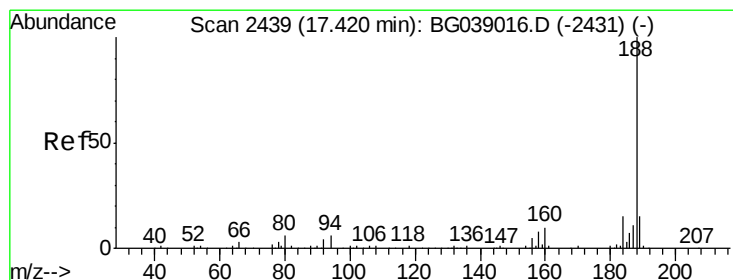
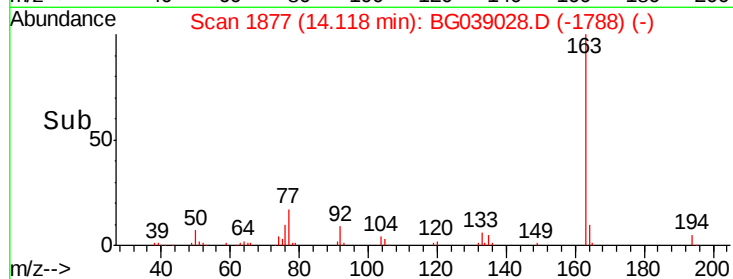
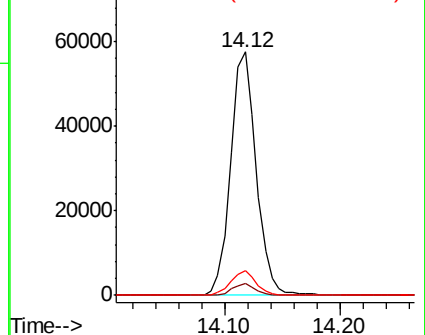
#50
Dimethylphthalate
Concen: 17.346 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Instrument :
BNA_G
ClientSampleId :
SP-1-2

Tot Ion:163 Resp: 88099
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 10.1 8.2 12.2

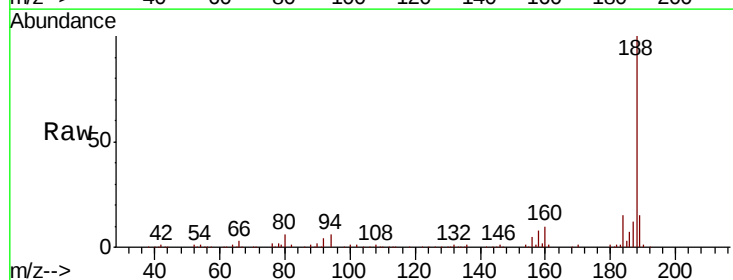


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

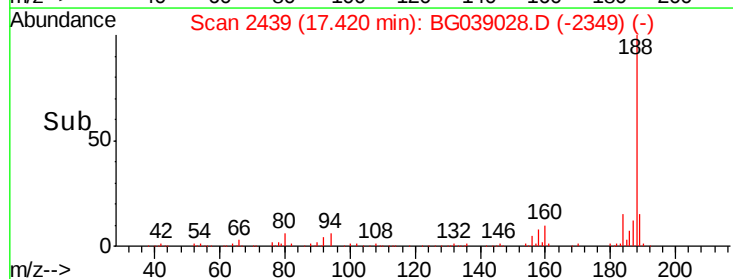
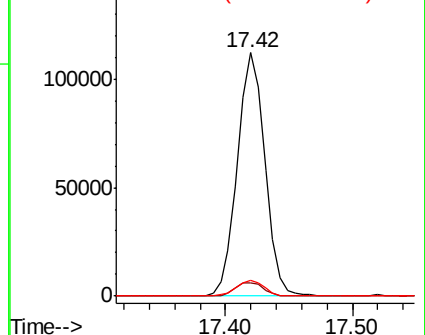


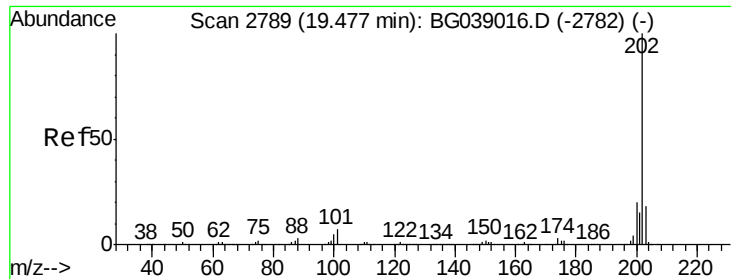
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039028.D
Acq: 9 Jan 2019 19:49

Tgt Ion:188 Resp: 168968
Ion Ratio Lower Upper
188 100
94 5.6 5.0 7.4
80 6.5 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





#75

Fluoranthene

Concen: 2.648 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

Instrument :

BNA_G

ClientSampleId :

SP-1-2

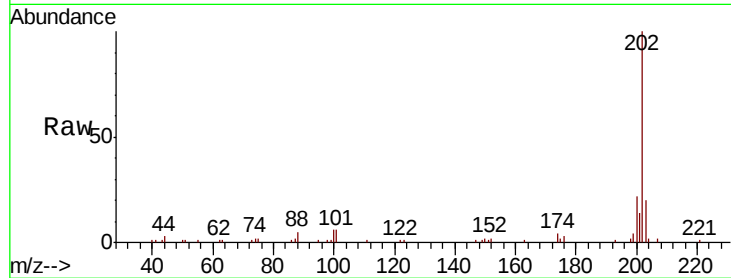
Tot Ion:202 Resp: 29317

Ion Ratio Lower Upper

202 100

101 6.1 0.0 26.9

203 20.3 0.0 38.1

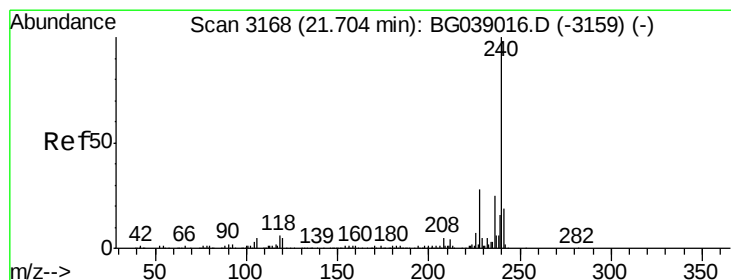
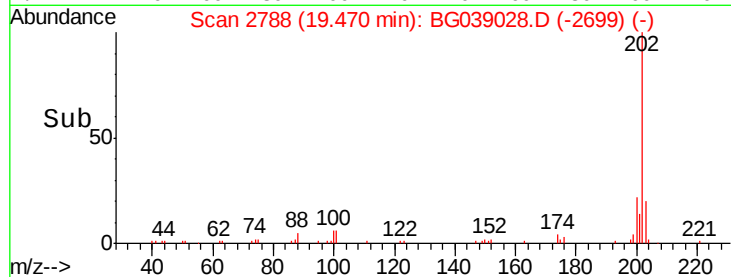
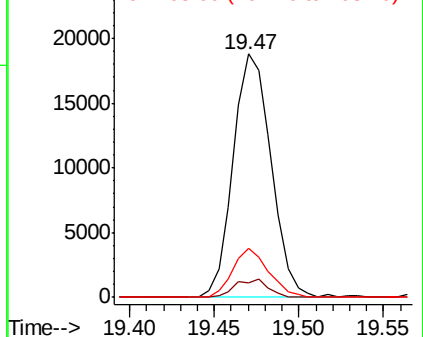


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

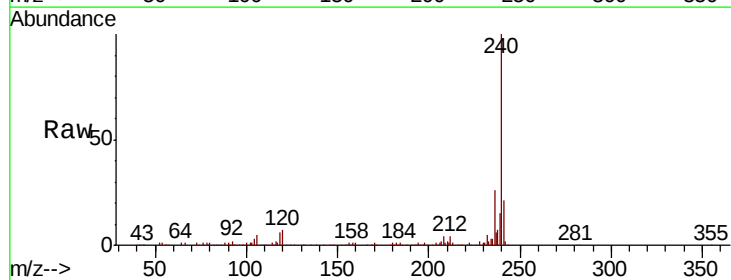
Tgt Ion:240 Resp: 182991

Ion Ratio Lower Upper

240 100

120 6.8 4.3 6.5#

236 25.7 20.1 30.1

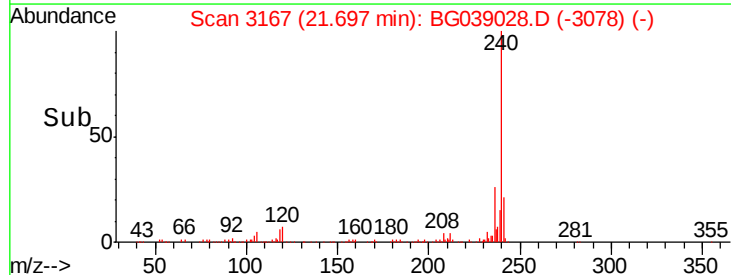
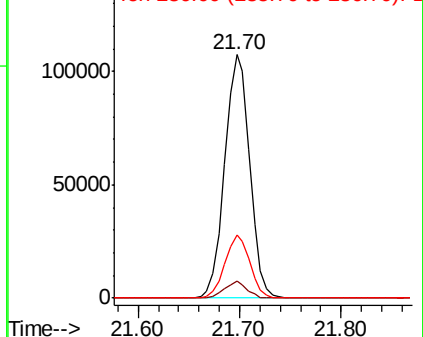


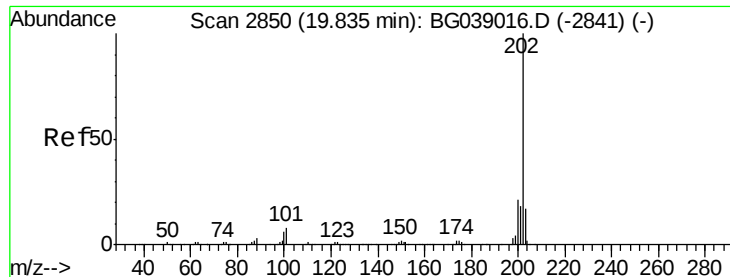
Abundance

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





#78

Pvrene

Concen: 2.048 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

Instrument :

BNA_G

ClientSampleId :

SP-1-2

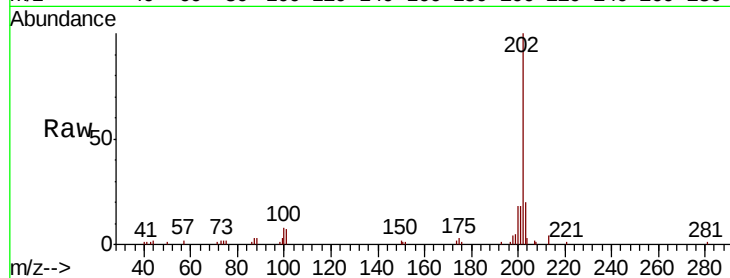
Tot Ion:202 Resp: 23880

Ion Ratio Lower Upper

202 100

200 17.6 17.0 25.6

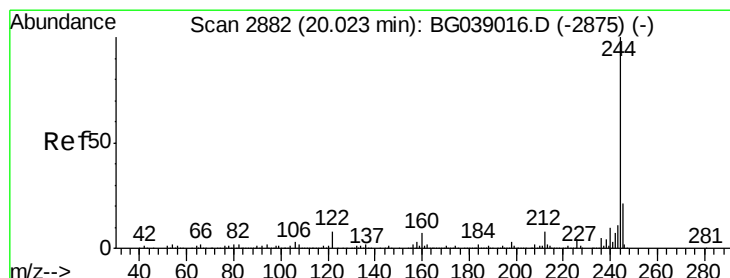
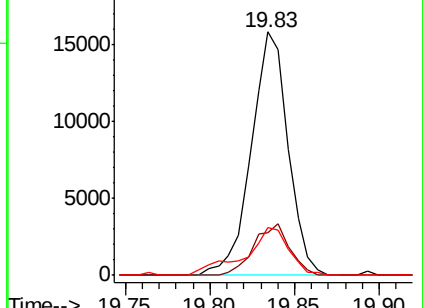
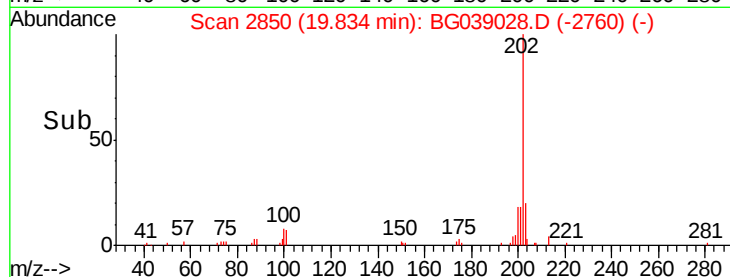
203 19.7 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 77.366 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039028.D

Acq: 9 Jan 2019 19:49

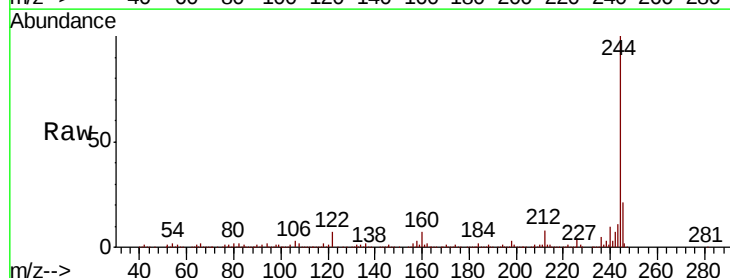
Tgt Ion:244 Resp: 765306

Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

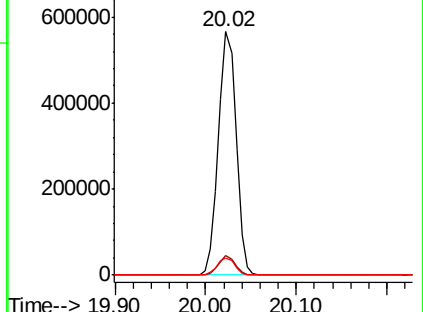
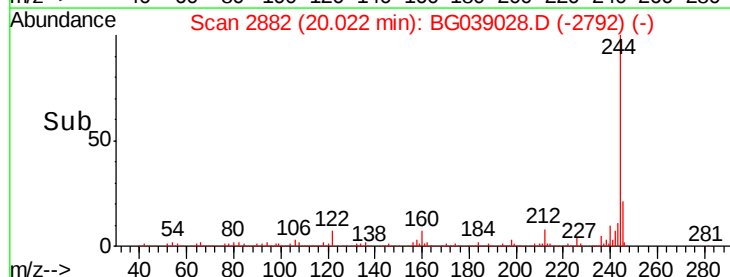
122 6.9 6.1 9.1

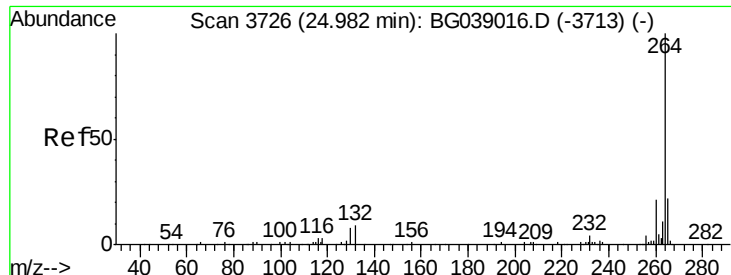


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

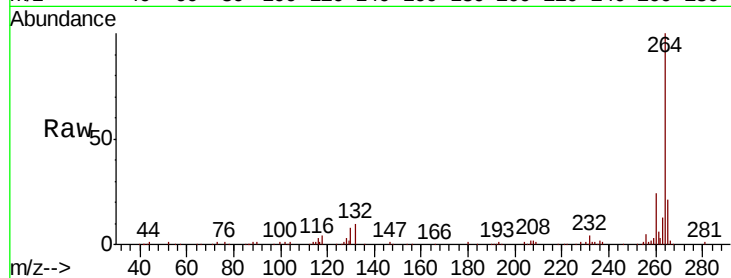




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.00 min
 Lab File: BG039028.D
 Acq: 9 Jan 2019 19:49

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.0	25.6
265	21.4	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

