

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
 Data File : BG040083.D
 Acq On : 22 Mar 2019 14:54
 Operator : JU/SJ
 Sample : K1989-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UNCOVERED-FOUNDATION

Quant Time: Mar 22 18:19:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

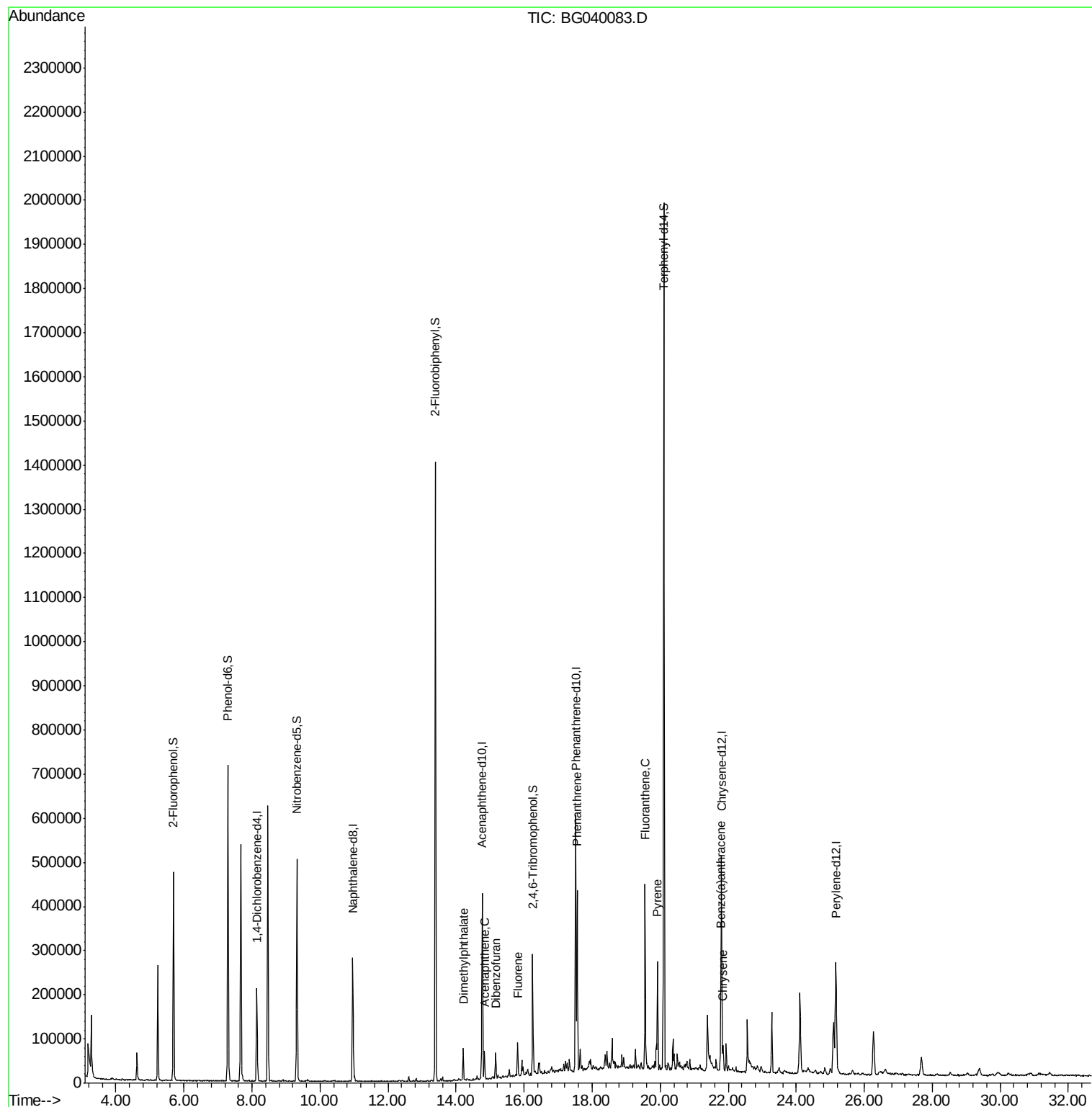
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	62011	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	241650	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	152558	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	346093	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	285506	20.00	ng	-0.02
87) Perylene-d12	25.17	264	296539	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	201721	55.50	ng	-0.02
7) Phenol-d6	7.29	99	415291	76.63	ng	-0.02
23) Nitrobenzene-d5	9.32	82	301664	67.52	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	47113	26.50	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	746964	69.71	ng	-0.02
79) Terphenyl-d14	20.11	244	951517	73.38	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	49152	3.853	ng	97
52) Acenaphthene	14.83	154	23876	2.560	ng	93
55) Dibenzofuran	15.17	168	37080	2.423	ng	98
58) Fluorene	15.81	166	33146	2.755	ng	98
71) Phenanthrene	17.56	178	253352	13.290	ng	97
75) Fluoranthene	19.56	202	253400	11.248	ng	96
78) Pyrene	19.92	202	169419	9.132	ng	98
81) Benzo(a)anthracene	21.78	228	38774	2.167	ng	98
83) Chrysene	21.85	228	42574	2.454	ng	99

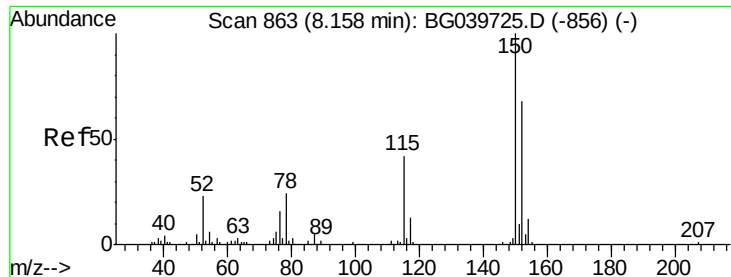
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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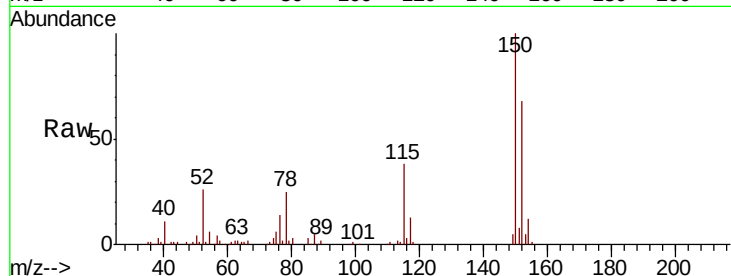


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG040083.D
Acq: 22 Mar 2019 14:54

Instrument :
BNA_G
ClientSampleId :
UNCOVERED-FOUNDATION

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	123.7	185.5
115	55.7	45.9	68.9

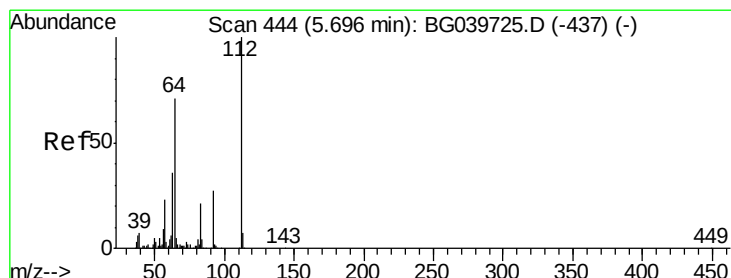
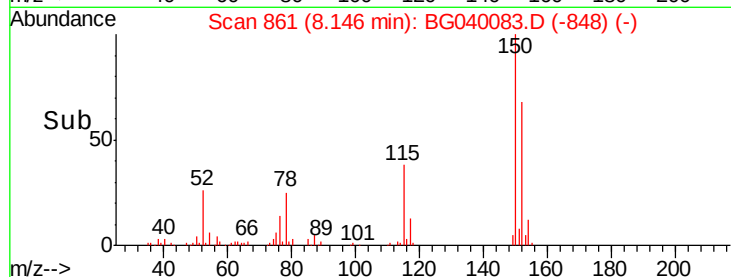
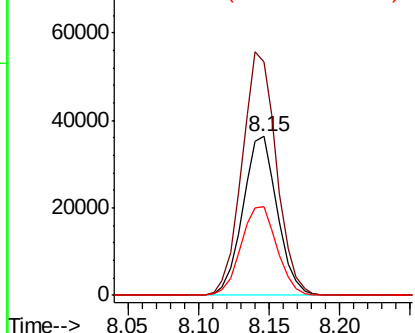


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

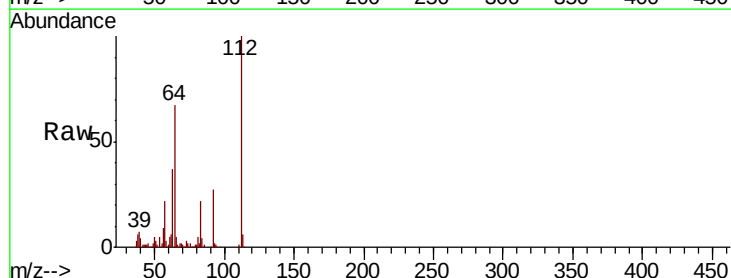
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.496 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG040083.D
Acq: 22 Mar 2019 14:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	57.8	86.8
63	37.3	29.8	44.6

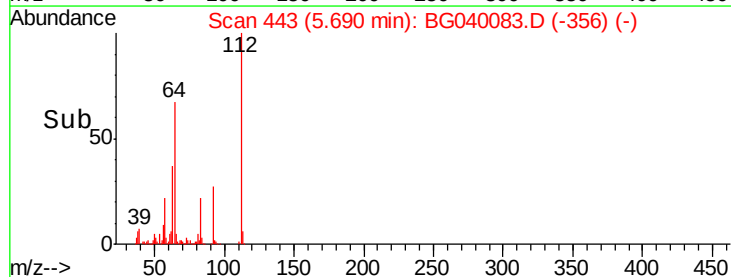
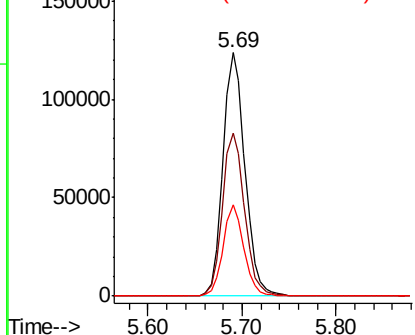


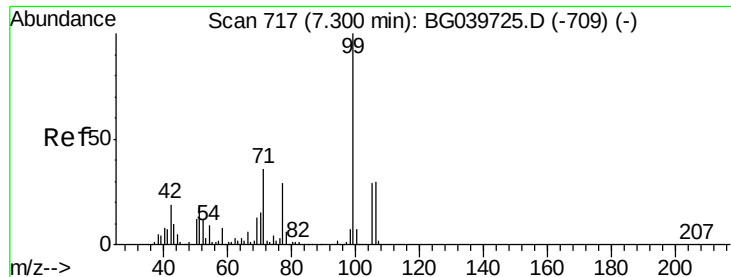
Abundance

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: 76.625 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

Instrument :

BNA_G

ClientSampleId :

UNCOVERED-FOUNDATION

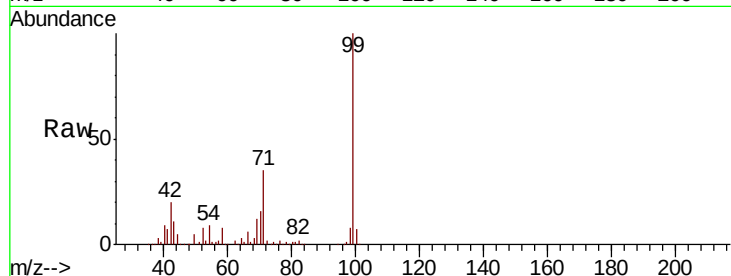
Tot Ion: 99 Resp: 415291

Ion Ratio Lower Upper

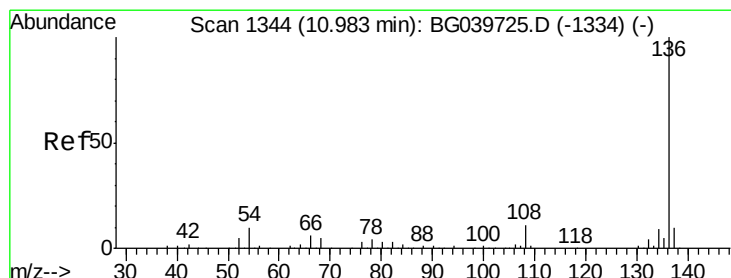
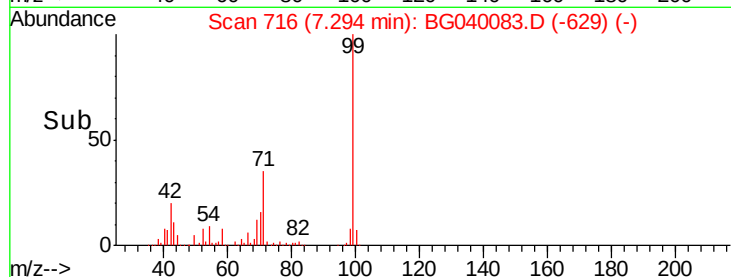
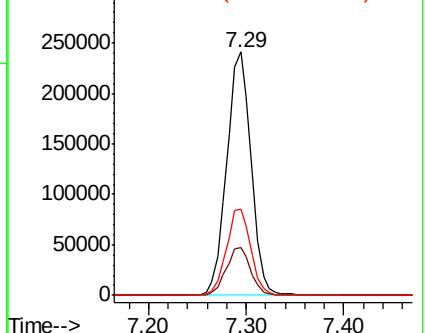
99 100

42 19.6 18.2 27.2

71 35.2 28.0 42.0



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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

Tgt Ion: 136 Resp: 241650

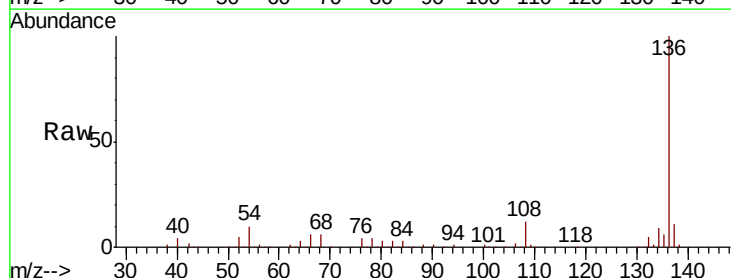
Ion Ratio Lower Upper

136 100

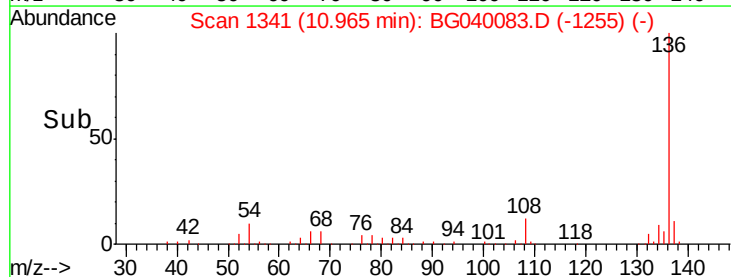
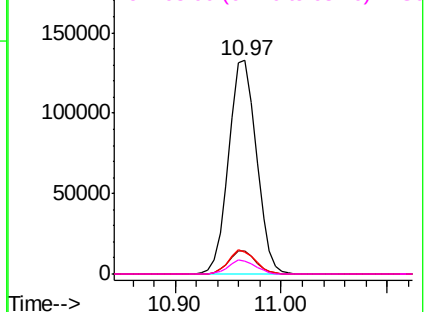
137 10.7 9.1 13.7

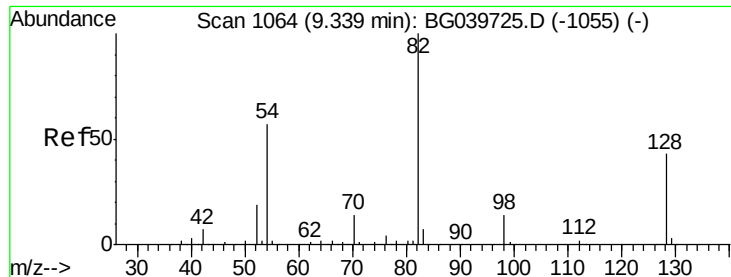
54 10.0 9.4 14.2

68 5.7 4.2 6.4



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

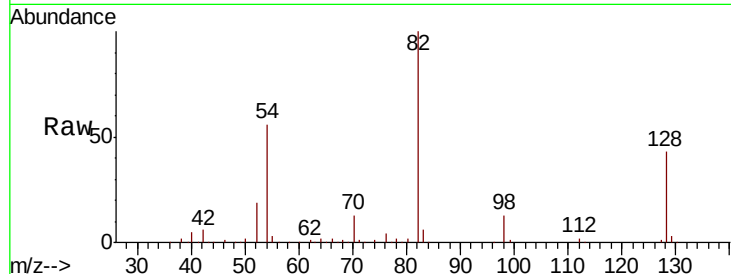




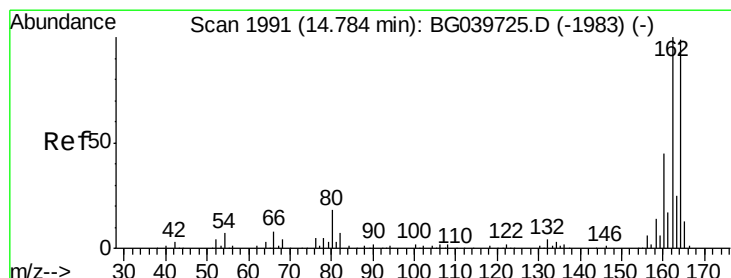
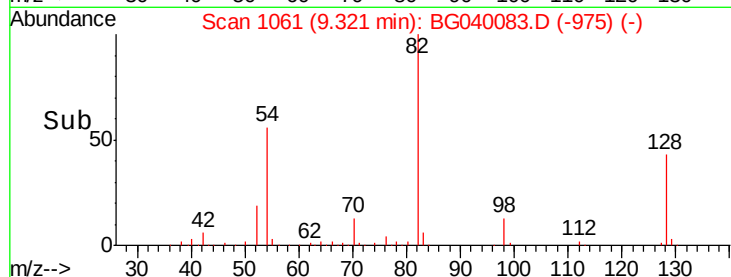
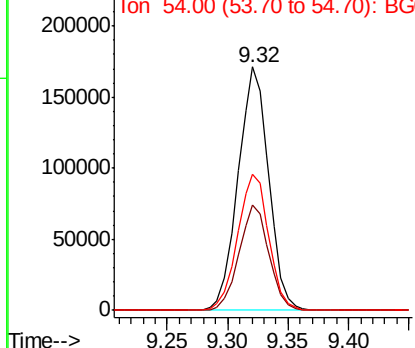
#23
 Nitrobenzene-d5
 Concen: 67.516 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040083.D
 Acq: 22 Mar 2019 14:54

Instrument :
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 UNCOVERED-FOUNDATION

Tot Ion: 82 Resp: 301664
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.3 46.9
 54 55.8 50.9 76.3

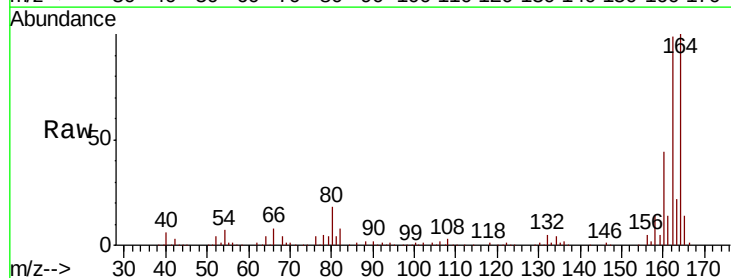


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

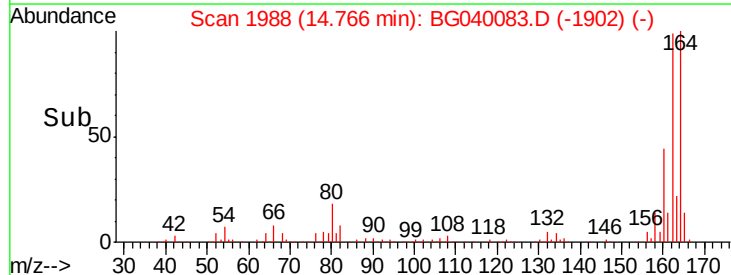
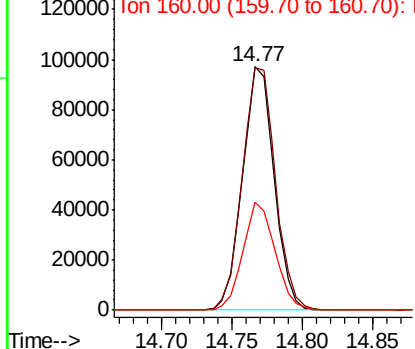


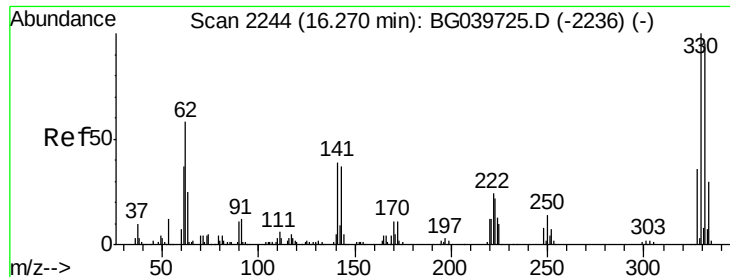
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040083.D
 Acq: 22 Mar 2019 14:54

Tgt Ion: 164 Resp: 152558
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.6 122.4
 160 44.2 34.2 51.2



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: 26.495 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

Instrument :

BNA_G

ClientSampleId :

UNCOVERED-FOUNDATION

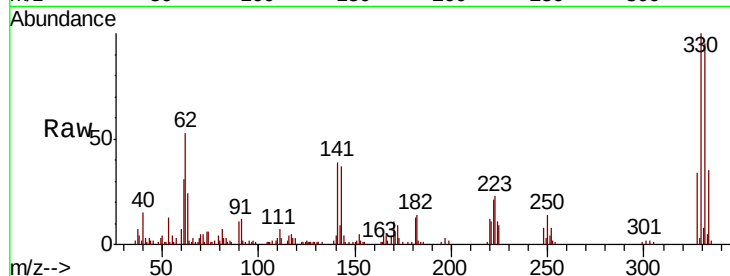
Tot Ion:330 Resp: 47113

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

141 41.3 35.6 53.4

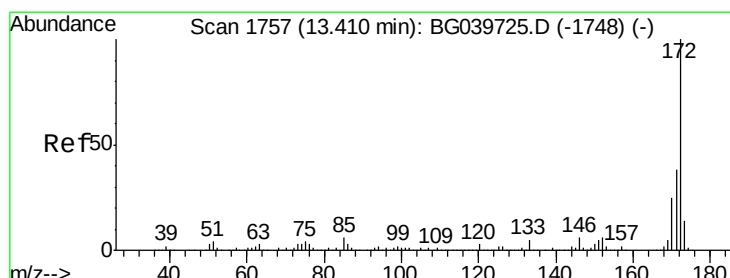
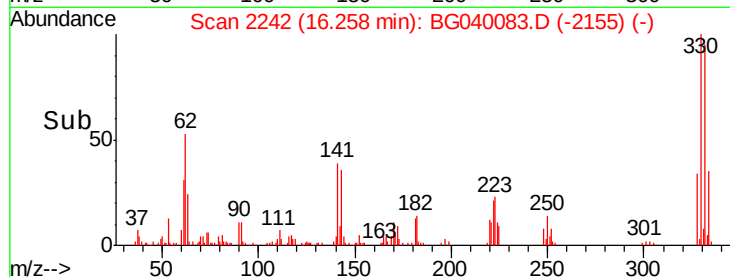
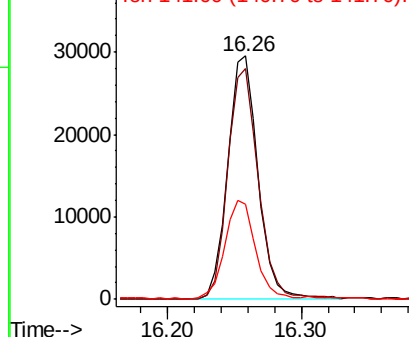


Abundance

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: 69.714 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

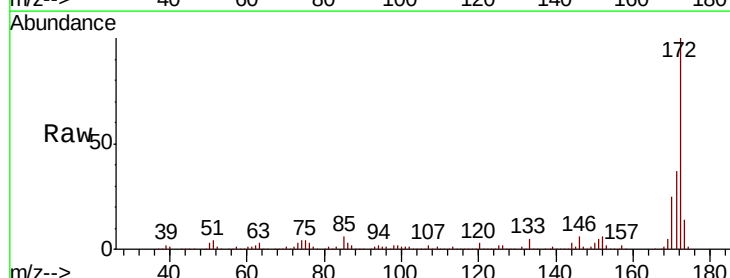
Tgt Ion:172 Resp: 746964

Ion Ratio Lower Upper

172 100

171 37.1 30.8 46.2

170 25.1 20.2 30.4

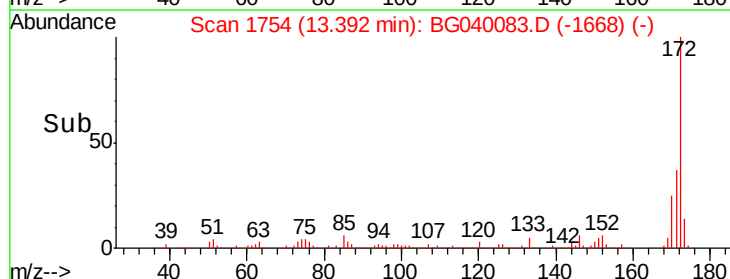
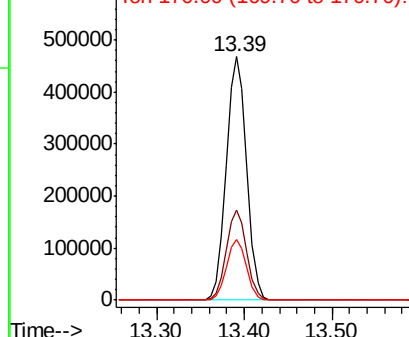


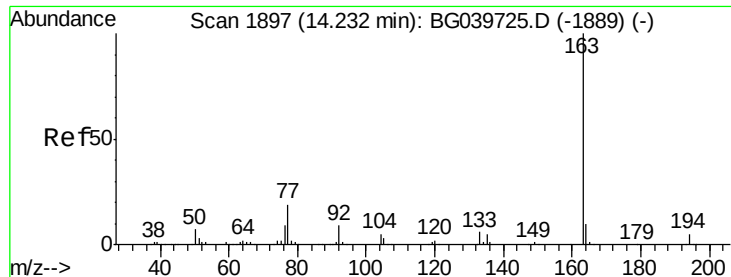
Abundance

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: 3.853 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

Instrument :

BNA_G

ClientSampleId :

UNCOVERED-FOUNDATION

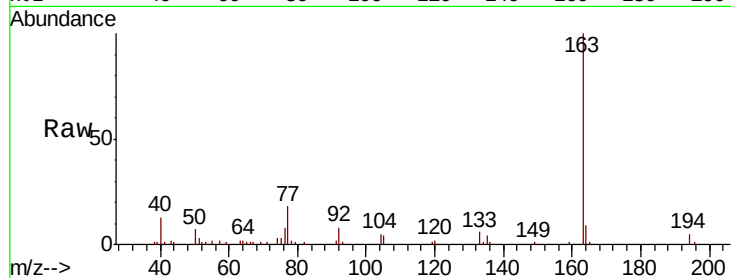
Tot Ion:163 Resp: 49152

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

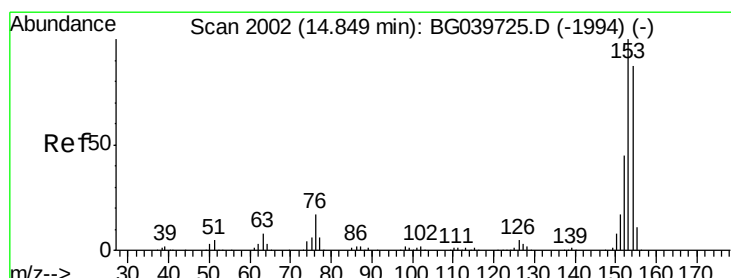
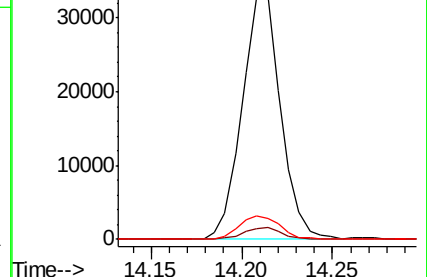
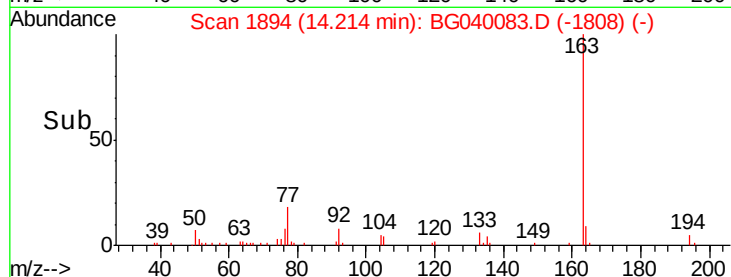
164 8.8 8.4 12.6



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



#52

Acenaphthene

Concen: 2.560 ng

RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

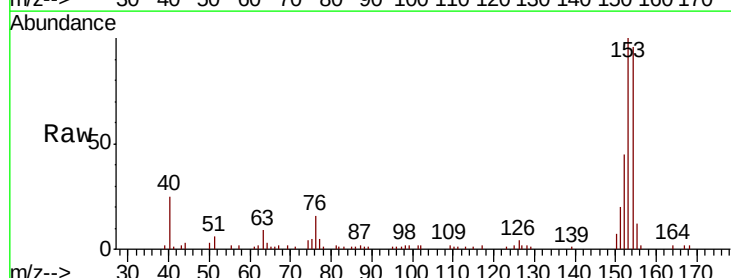
Tgt Ion:154 Resp: 23876

Ion Ratio Lower Upper

154 100

153 104.1 90.1 135.1

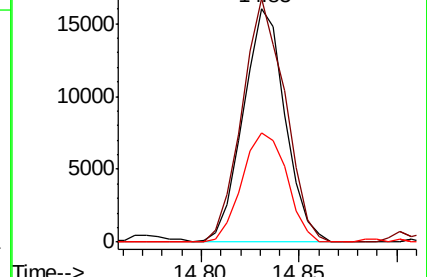
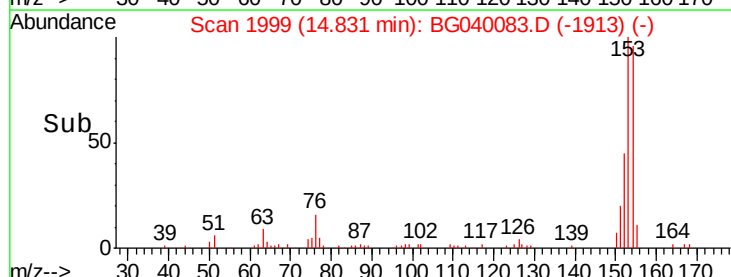
152 46.9 40.9 61.3

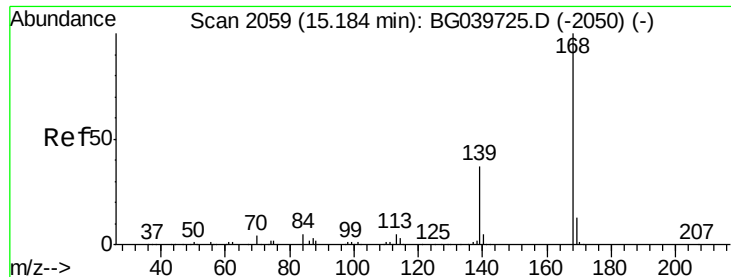


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

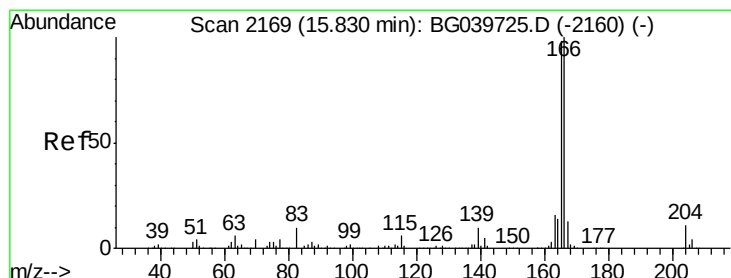
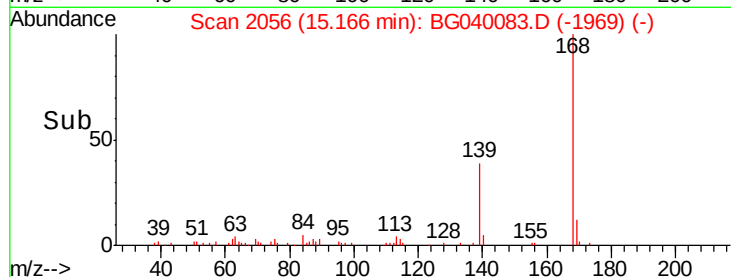
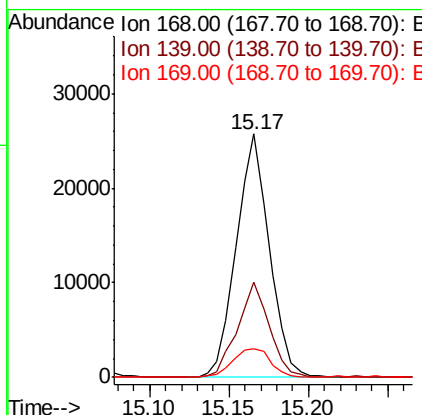
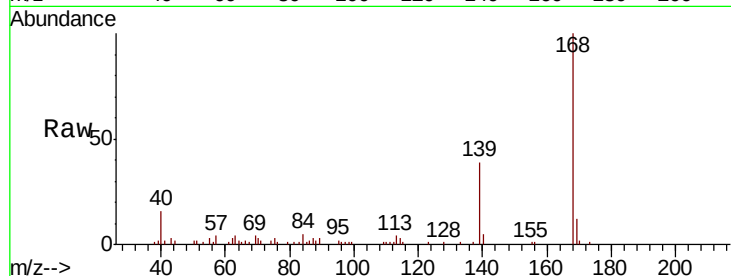




#55
Dibenzofuran
Concen: 2.423 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040083.D
Acq: 22 Mar 2019 14:54

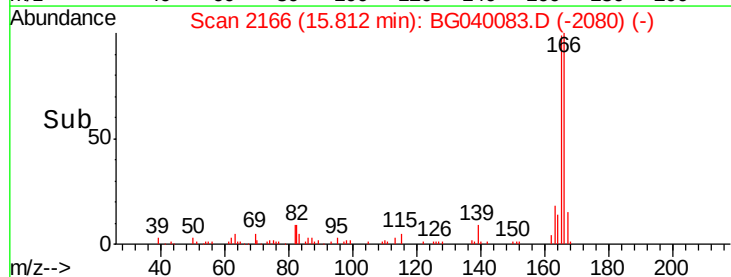
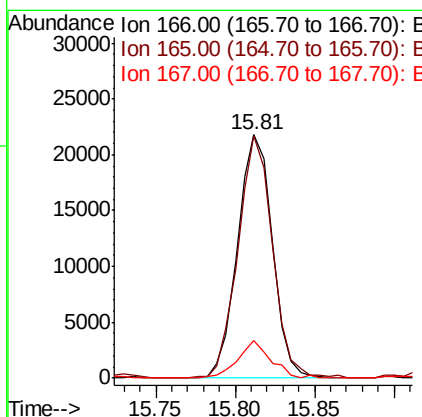
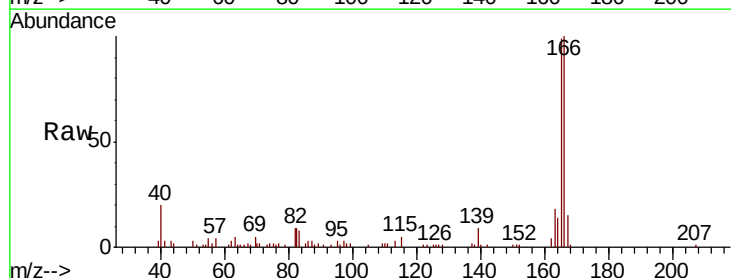
Instrument :
BNA_G
ClientSampleId :
UNCOVERED-FOUNDATION

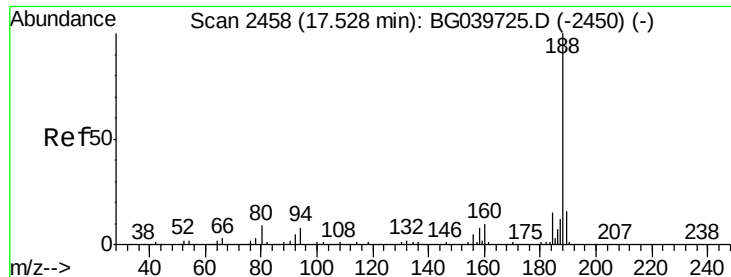
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.1	45.1
169	11.9	10.6	16.0



#58
Fluorene
Concen: 2.755 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040083.D
Acq: 22 Mar 2019 14:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	15.3	10.8	16.2

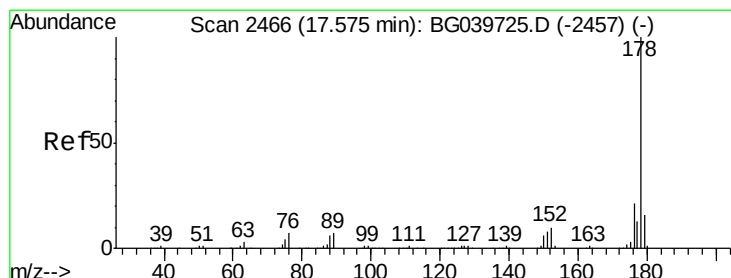
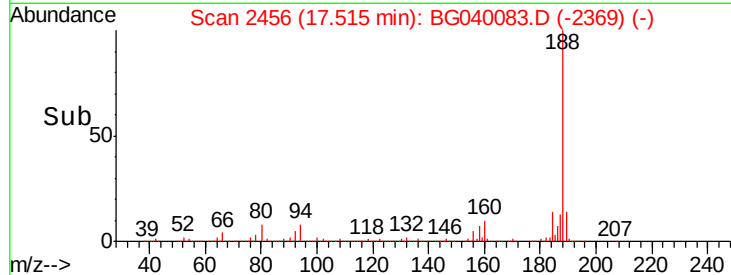
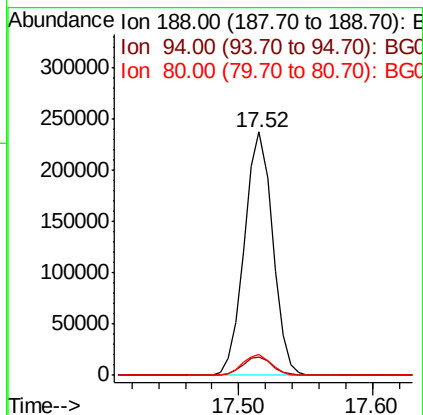
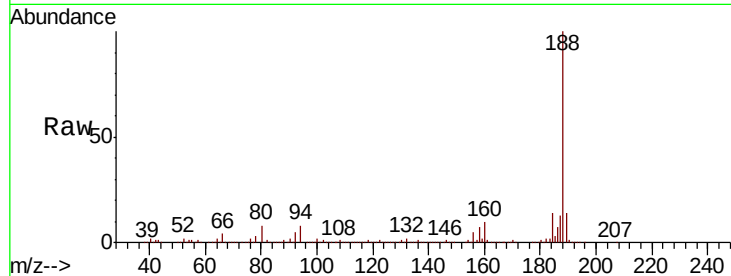




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG040083.D
 Acq: 22 Mar 2019 14:54

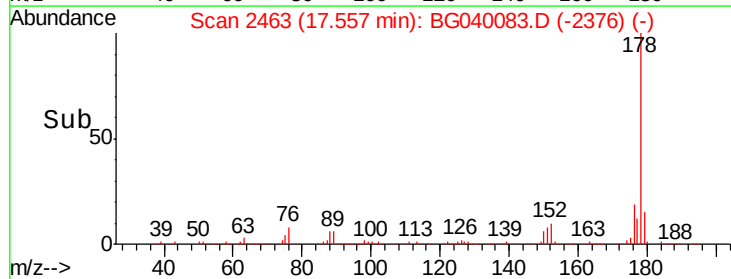
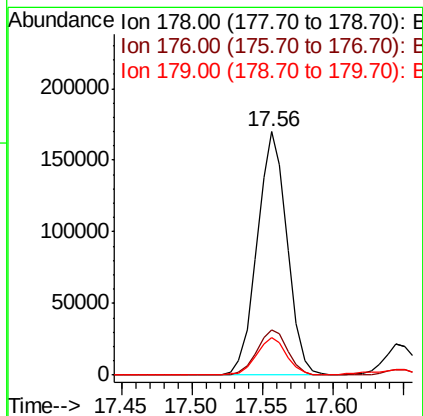
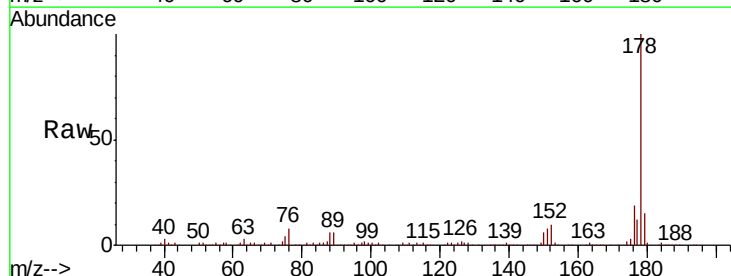
Instrument :
 BNA_G
 ClientSampleId :
 UNCOVERED-FOUNDATION

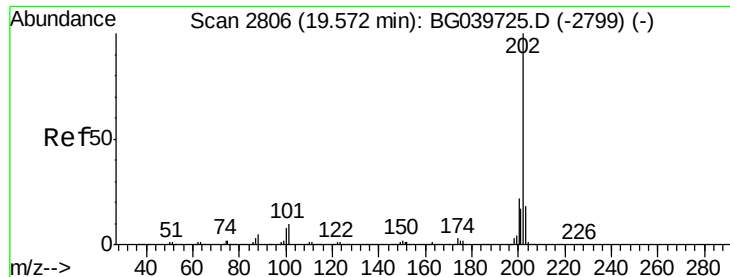
Tot Ion:188 Resp: 346093
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.9 10.3
 80 8.4 8.1 12.1



#71
 Phenanthrene
 Concen: 13.290 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040083.D
 Acq: 22 Mar 2019 14:54

Tgt Ion:178 Resp: 253352
 Ion Ratio Lower Upper
 178 100
 176 18.7 16.2 24.4
 179 15.3 12.6 19.0





#75

Fluoranthene

Concen: 11.248 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

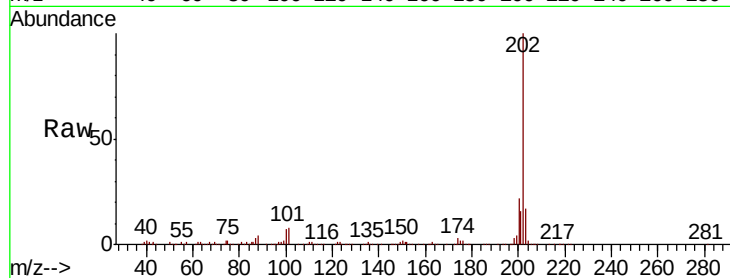
Instrument :

BNA_G

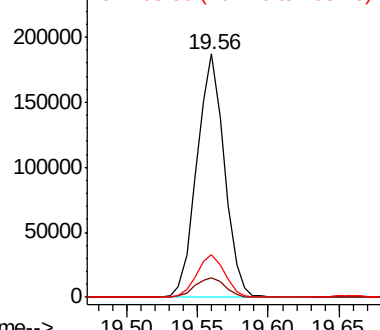
ClientSampleId :

UNCOVERED-FOUNDATION

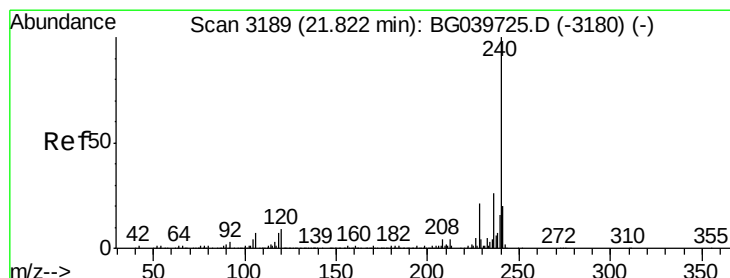
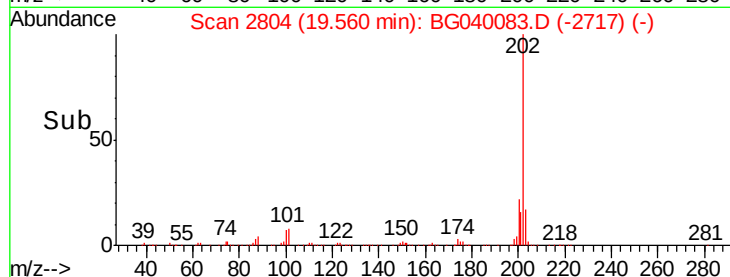
Tot Ion:	202	Resp:	253400
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	30.0
203	17.4	0.0	38.9



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



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

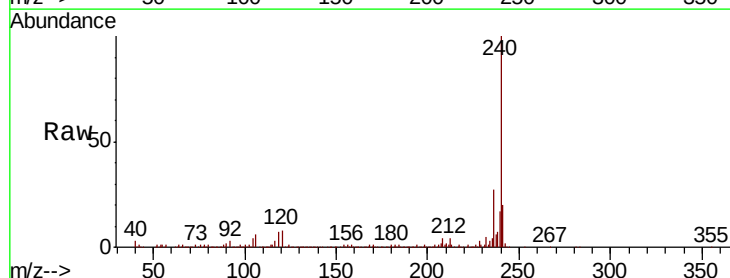
RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

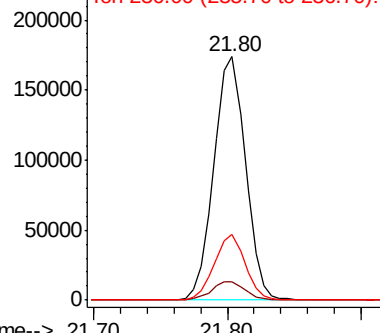
Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

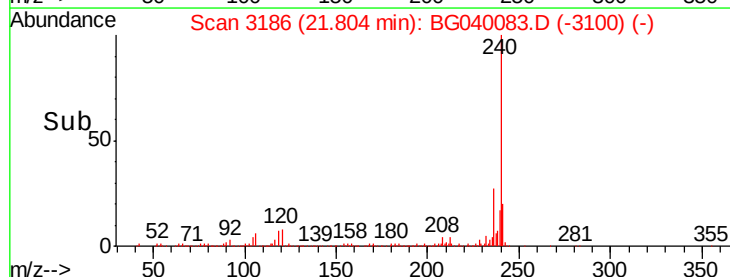
Tgt Ion:	240	Resp:	285506
Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.0	10.6
236	27.1	21.0	31.4

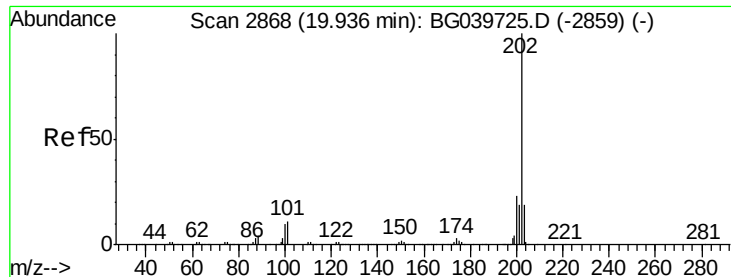


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Pvrene

Concen: 9.132 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

Instrument :

BNA_G

ClientSampled :

UNCOVERED-FOUNDATION

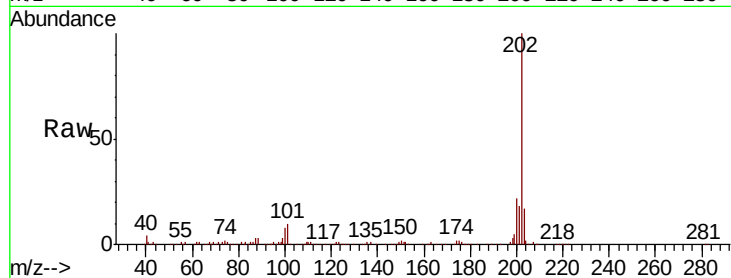
Tot Ion:202 Resp: 169419

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.8

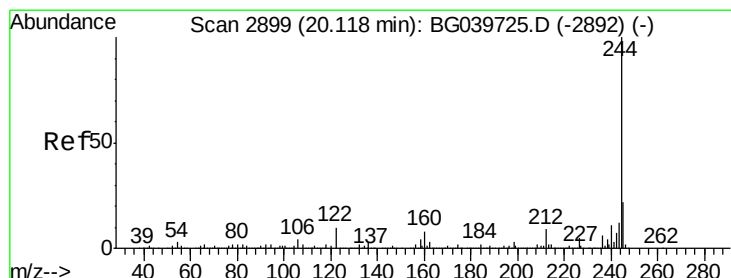
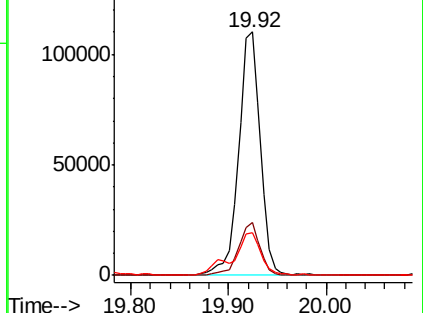
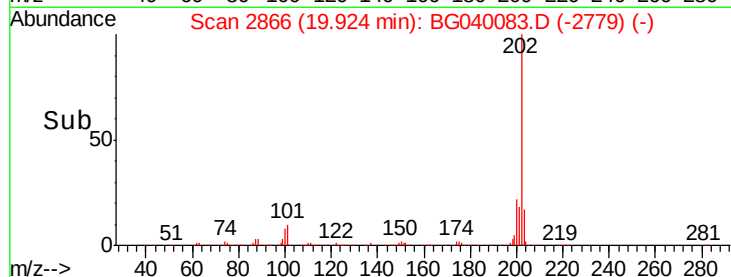
203 17.3 15.3 22.9



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: 73.380 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040083.D

Acq: 22 Mar 2019 14:54

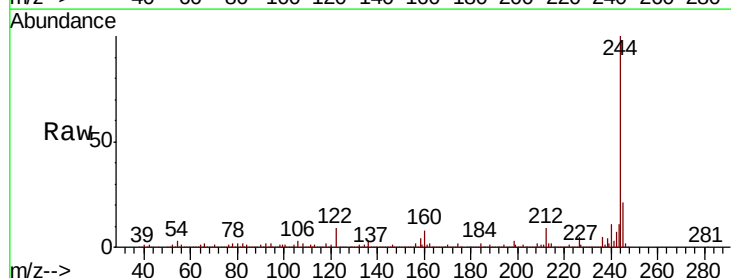
Tgt Ion:244 Resp: 951517

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

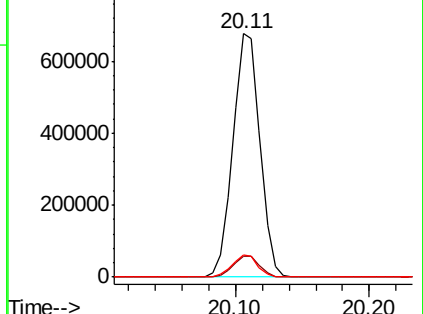
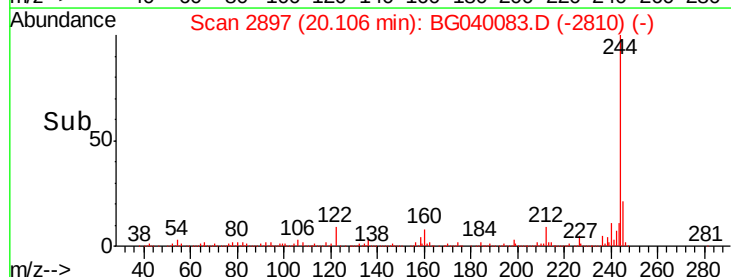
122 9.2 8.4 12.6

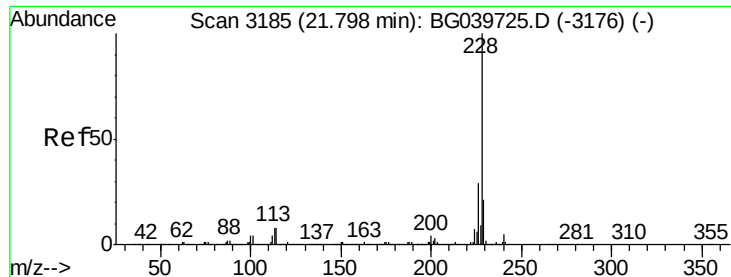


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

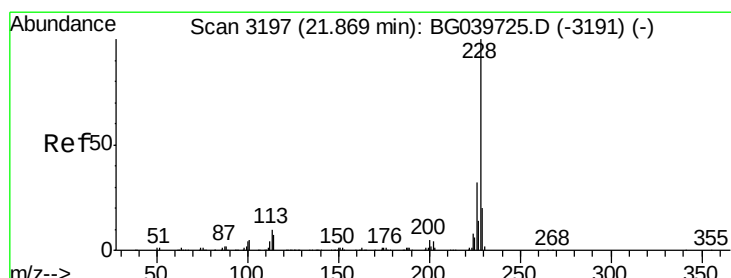
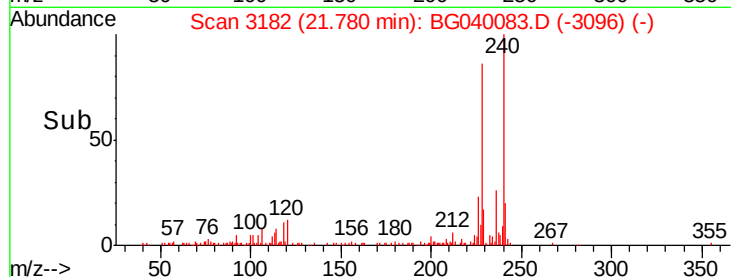
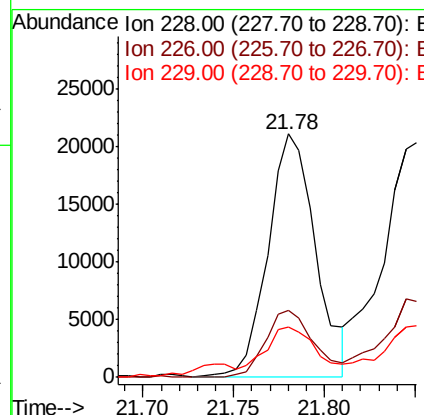
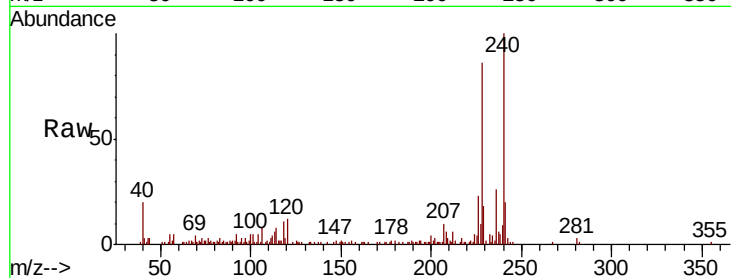




#81
Benzo(a)anthracene
Concen: 2.167 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040083.D
Acq: 22 Mar 2019 14:54

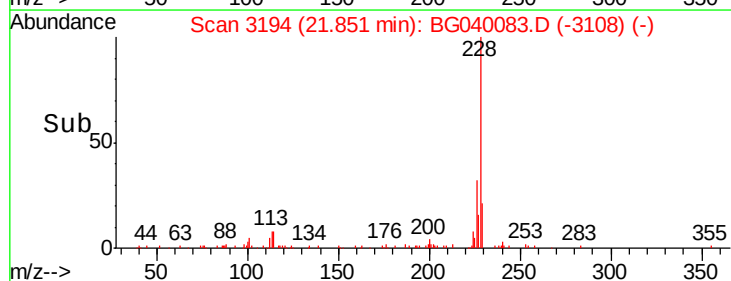
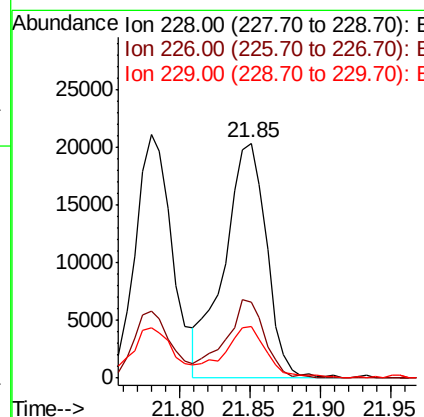
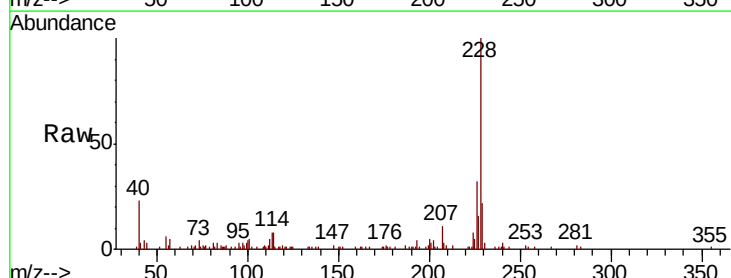
Instrument :
BNA_G
ClientSampleId :
UNCOVERED-FOUNDATION

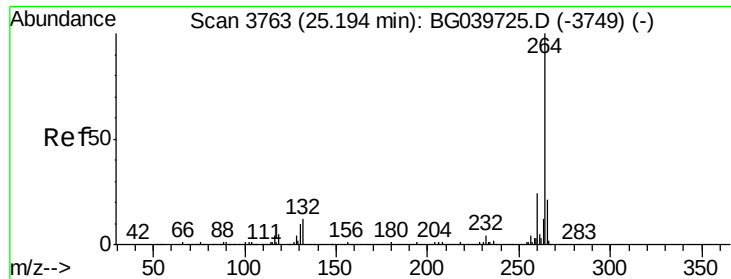
Tot Ion:228 Resp: 38774
Ion Ratio Lower Upper
228 100
226 27.3 23.0 34.6
229 20.9 16.9 25.3



#83
Chrysene
Concen: 2.454 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG040083.D
Acq: 22 Mar 2019 14:54

Tgt Ion:228 Resp: 42574
Ion Ratio Lower Upper
228 100
226 32.3 25.8 38.6
229 22.2 16.6 25.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG040083.D
Acq: 22 Mar 2019 14:54

Instrument :
BNA_G
ClientSampleId :
UNCOVERED-FOUNDATION

Tot Ion:264 Resp: 296539

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.2	27.4
265	22.6	18.5	27.7

