

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
 Data File : BG051096.D
 Acq On : 17 Nov 2021 17:41
 Operator : CG/JU
 Sample : M4673-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-72-11933

Quant Time: Nov 18 00:03:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

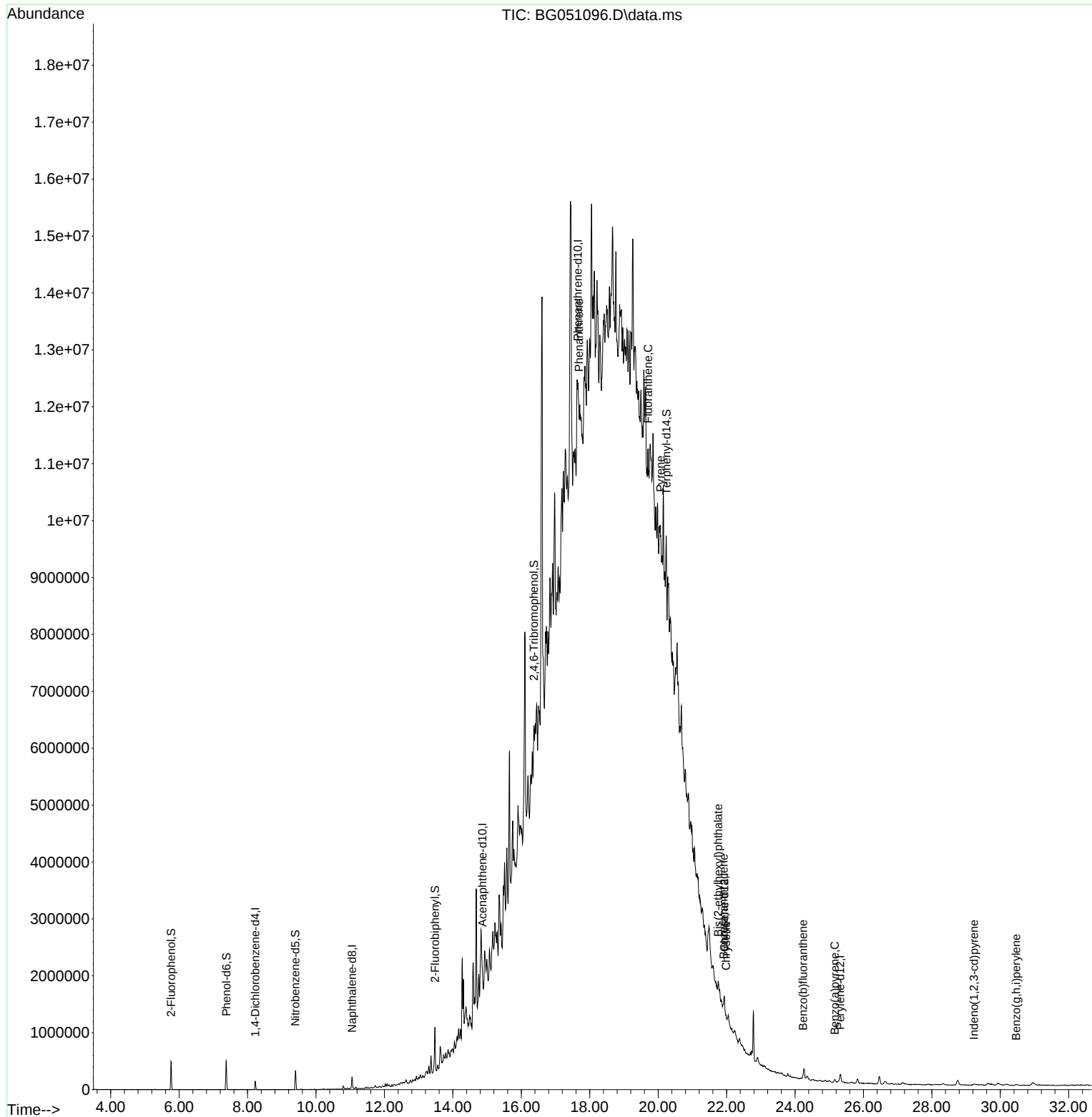
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	41431	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	168766	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	93134	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	158567	20.000	ng	# 0.05
76) Chrysene-d12	21.937	240	153704	20.000	ng	# 0.04
86) Perylene-d12	25.321	264	163536	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	224244	80.965	ng	0.00
7) Phenol-d6	7.377	99	304011	77.768	ng	0.00
23) Nitrobenzene-d5	9.399	82	222140	58.266	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	89311	95.825	ng	0.02
45) 2-Fluorobiphenyl	13.476	172	379016	64.301	ng	0.00
79) Terphenyl-d14	20.239	244	507473	60.413	ng	0.05
Target Compounds						
						Qvalue
71) Phenanthrene	17.689	178	42294	5.000	ng	# 1
75) Fluoranthene	19.710	202	65453	6.308	ng	# 19
78) Pyrene	20.068	202	70380	6.104	ng	# 46
81) Benzo(a)anthracene	21.913	228	35461	3.360	ng	# 82
83) Chrysene	21.984	228	34678	3.483	ng	# 79
84) Bis(2-ethylhexyl)phtha...	21.755	149	18145	2.600	ng	# 56
87) Indeno(1,2,3-cd)pyrene	29.234	276	34926	3.009	ng	# 92
88) Benzo(b)fluoranthene	24.234	252	55707	5.412	ng	# 85
90) Benzo(a)pyrene	25.162	252	42930	4.885	ng	# 91
92) Benzo(g,h,i)perylene	30.468	276	31611	3.361	ng	# 91

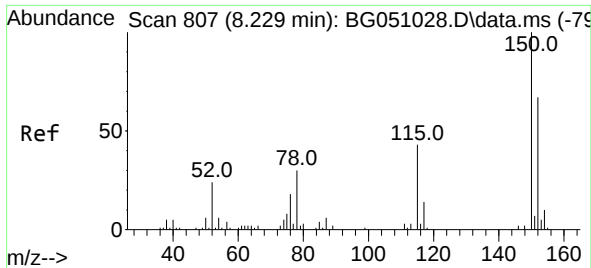
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
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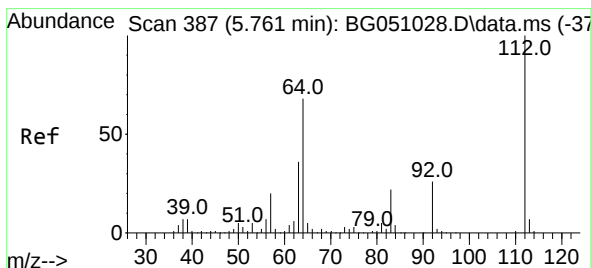
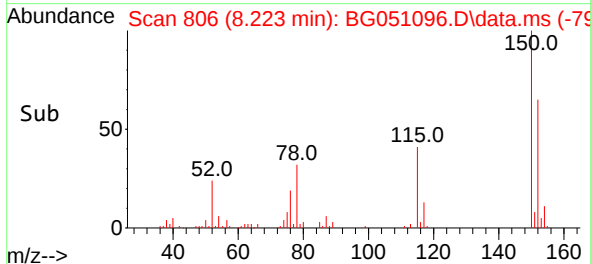
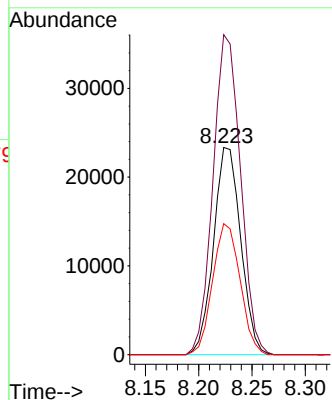
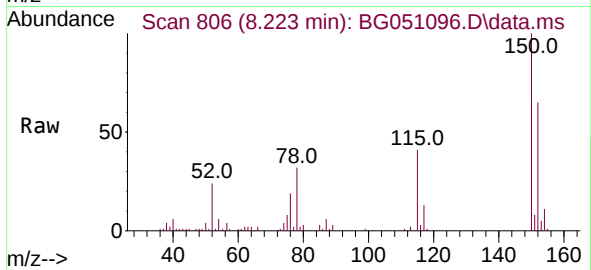




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 807
Delta R.T. -0.006 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

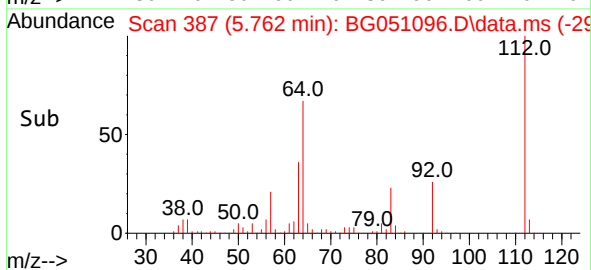
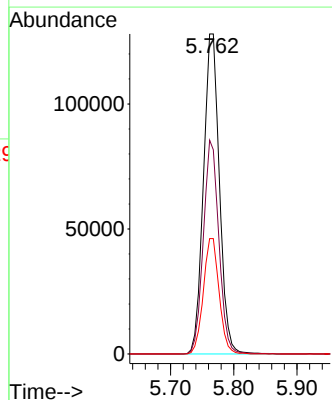
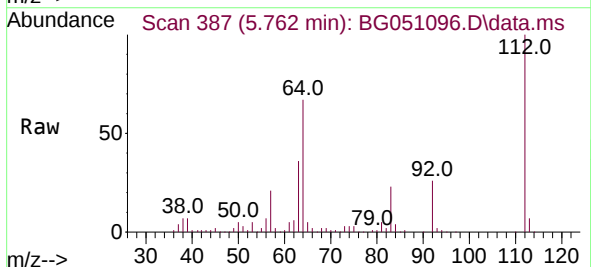
Instrument :
BNA_G
ClientSampleId :
RO-72-11933

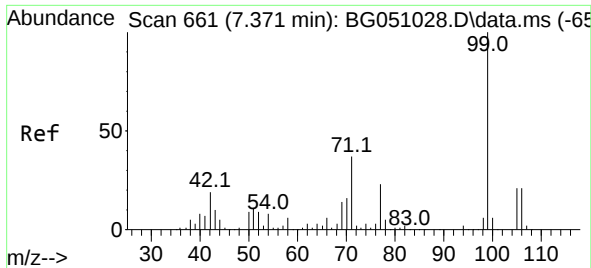
Tgt Ion:152 Resp: 41431
Ion Ratio Lower Upper
152 100
150 154.5 119.4 179.0
115 63.2 60.2 90.4



#5
2-Fluorophenol
Concen: 80.965 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion:112 Resp: 224244
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 36.0 35.3 52.9

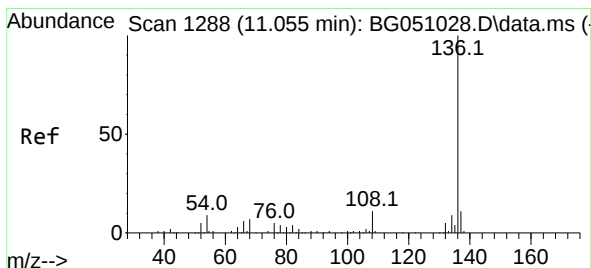
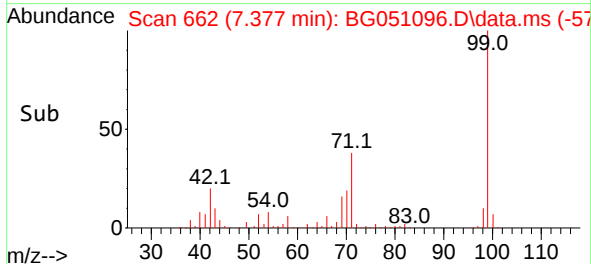
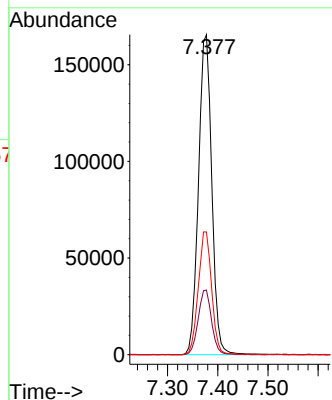
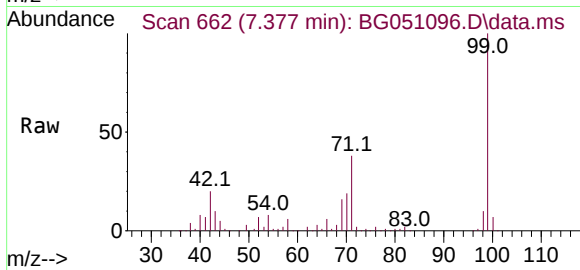




#7
Phenol-d6
Concen: 77.768 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

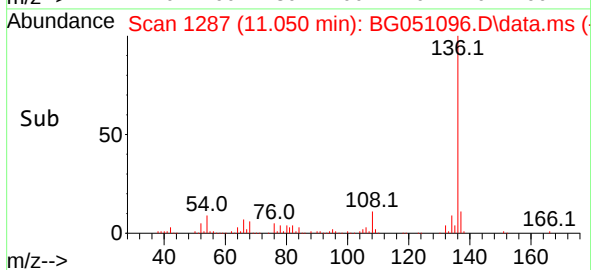
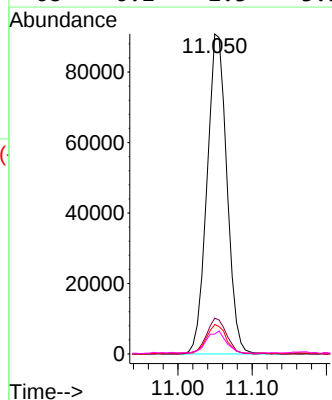
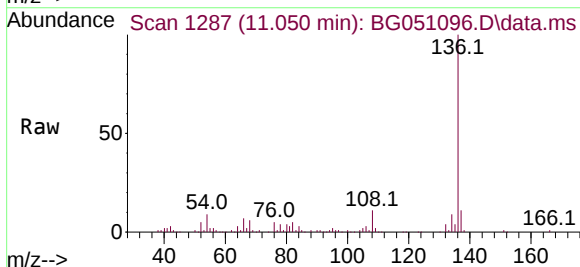
Instrument :
BNA_G
ClientSampleId :
RO-72-11933

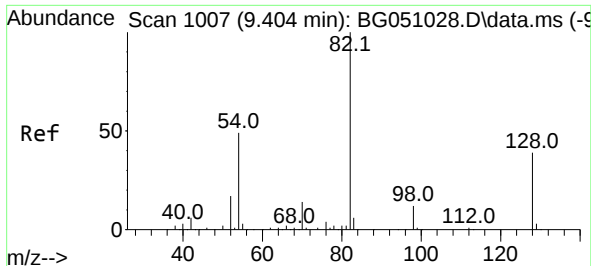
Tgt Ion: 99 Resp: 304011
Ion Ratio Lower Upper
99 100
42 20.2 20.5 30.7#
71 38.4 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion: 136 Resp: 168766
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.2 5.5 8.3#
68 6.2 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 58.266 ng

RT: 9.399 min Scan# 1006

Delta R.T. -0.005 min

Lab File: BG051096.D

Acq: 17 Nov 2021 17:41

Instrument :

BNA_G

ClientSampleId :

RO-72-11933

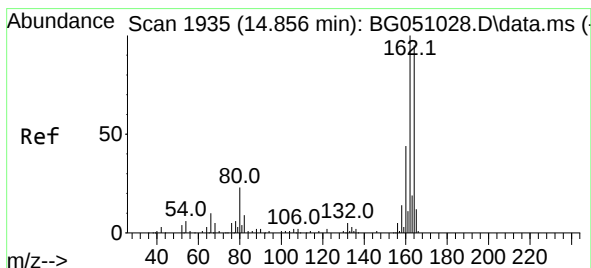
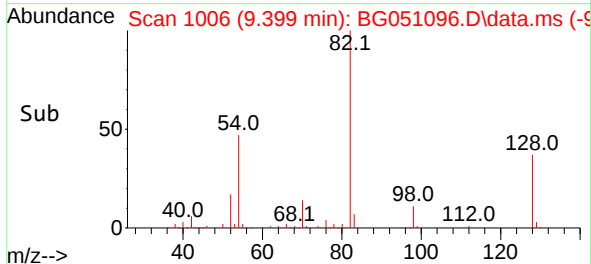
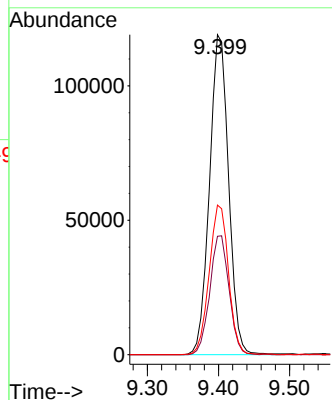
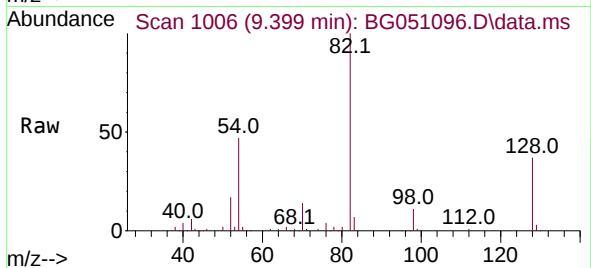
Tgt Ion: 82 Resp: 222140

Ion Ratio Lower Upper

82 100

128 37.0 29.8 44.6

54 46.8 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.863 min Scan# 1936

Delta R.T. 0.007 min

Lab File: BG051096.D

Acq: 17 Nov 2021 17:41

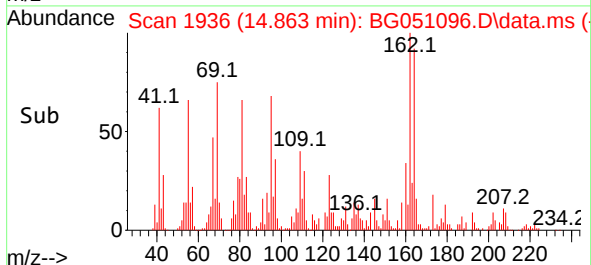
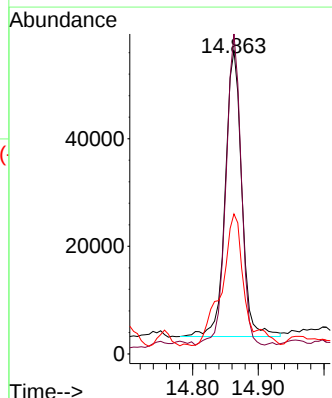
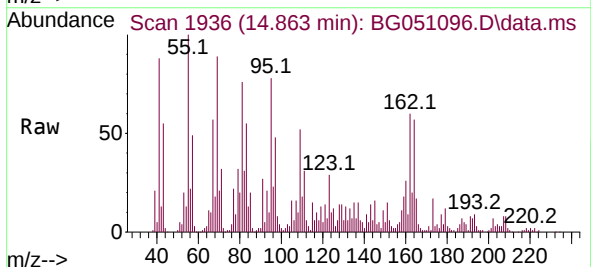
Tgt Ion:164 Resp: 93134

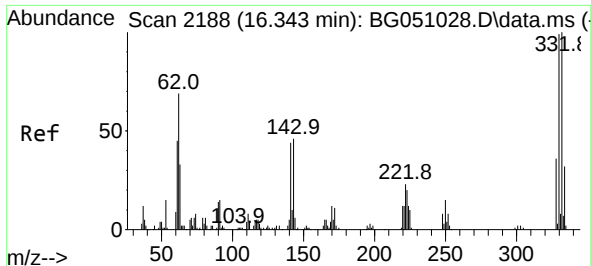
Ion Ratio Lower Upper

164 100

162 105.4 81.4 122.0

160 46.1 34.9 52.3

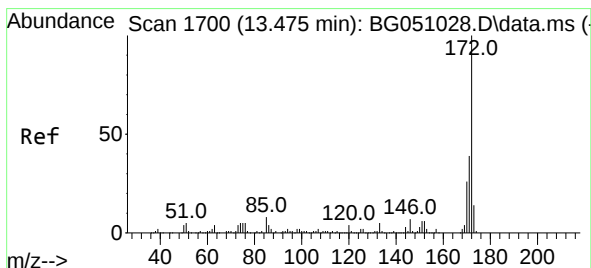
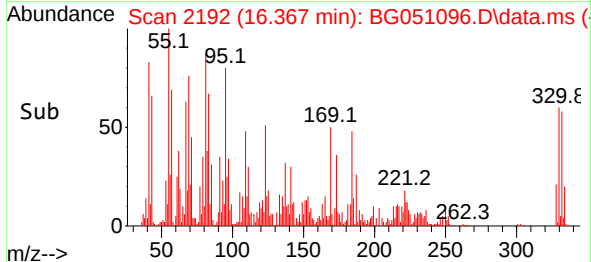
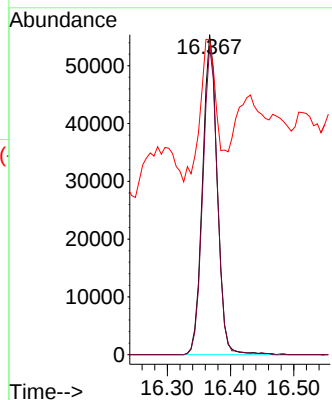
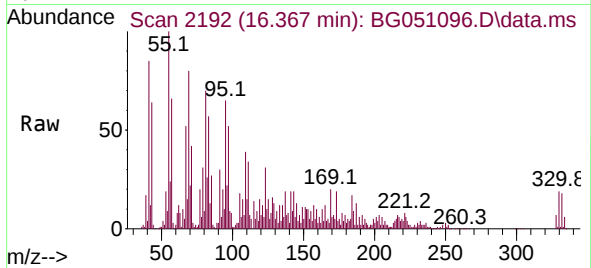




#42
2,4,6-Tribromophenol
Concen: 95.825 ng
RT: 16.367 min Scan# 2188
Delta R.T. 0.024 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

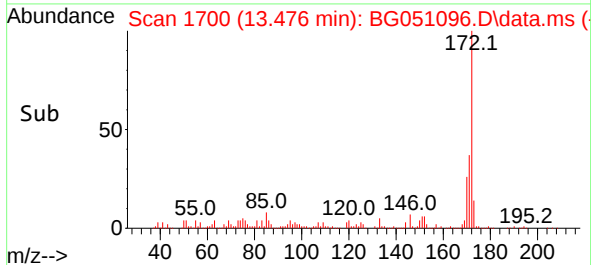
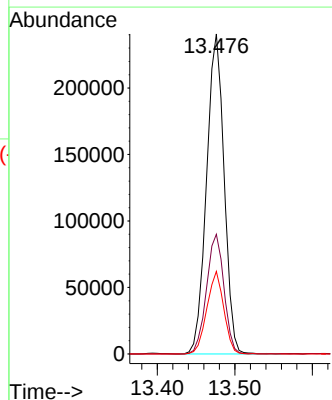
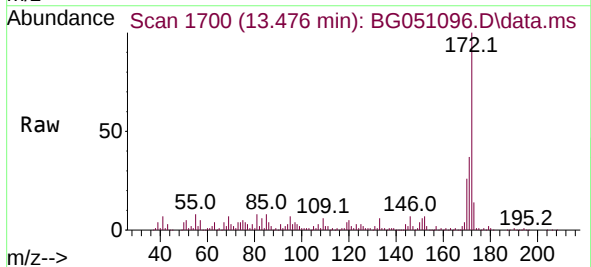
Instrument :
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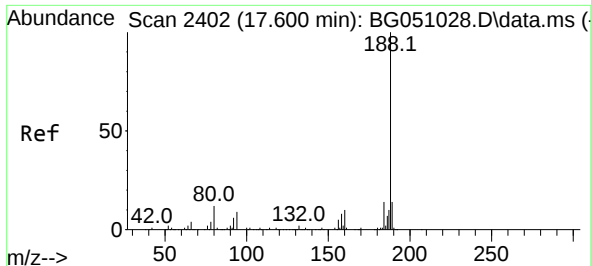
Tgt Ion:330 Resp: 89311
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 51.1 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 64.301 ng
RT: 13.476 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion:172 Resp: 379016
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 25.8 18.6 27.8

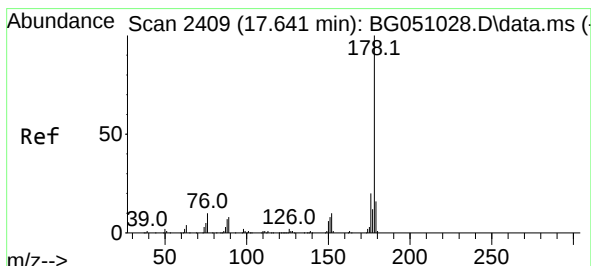
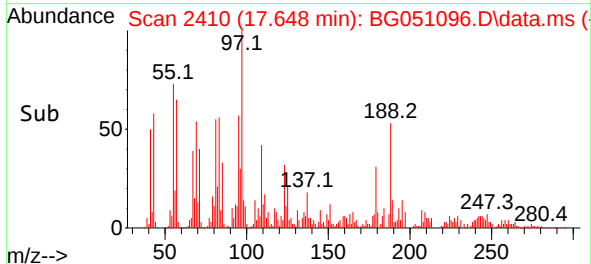
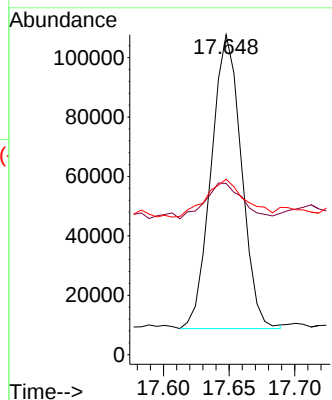
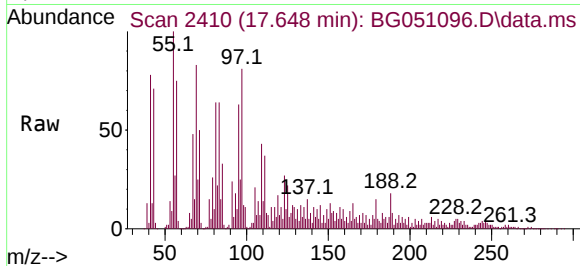




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2410
Delta R.T. 0.048 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

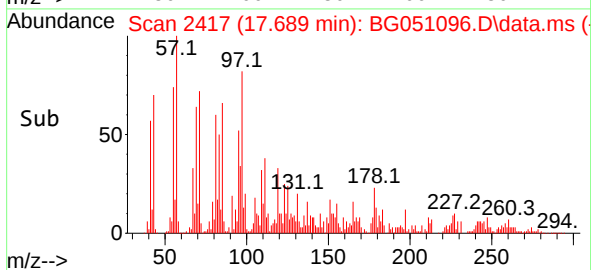
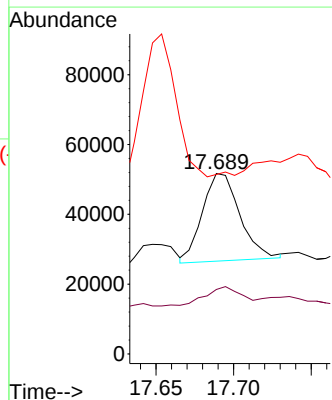
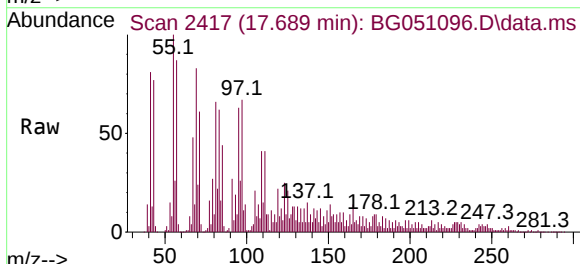
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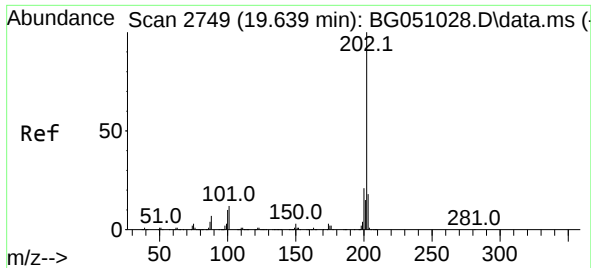
Tgt Ion:188 Resp: 158567
Ion Ratio Lower Upper
188 100
94 53.5 5.4 8.0#
80 54.8 3.7 5.5#



#71
Phenanthrene
Concen: 5.000 ng
RT: 17.689 min Scan# 2417
Delta R.T. 0.048 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion:178 Resp: 42294
Ion Ratio Lower Upper
178 100
176 35.8 16.0 24.0#
179 99.5 14.2 21.4#

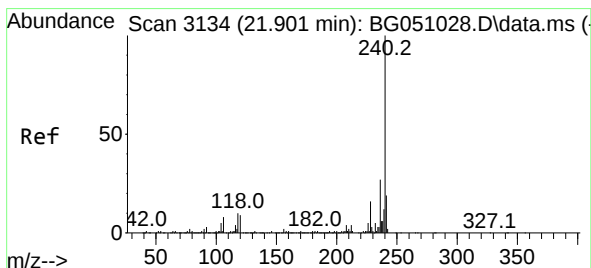
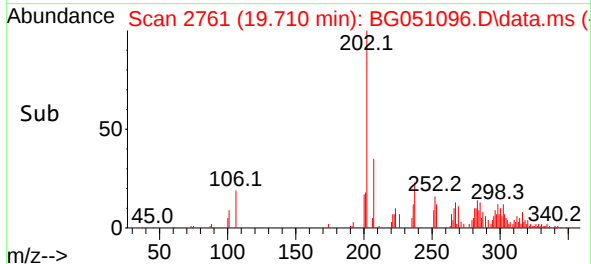
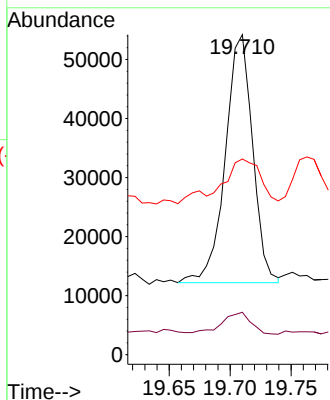
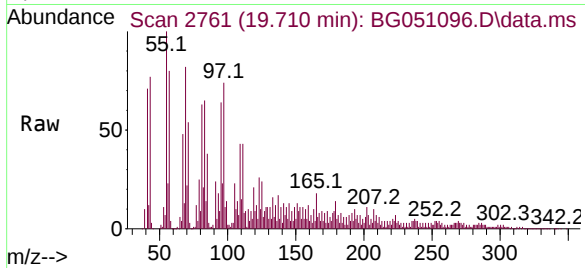




#75
Fluoranthene
Concen: 6.308 ng
RT: 19.710 min Scan# 21
Delta R.T. 0.071 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

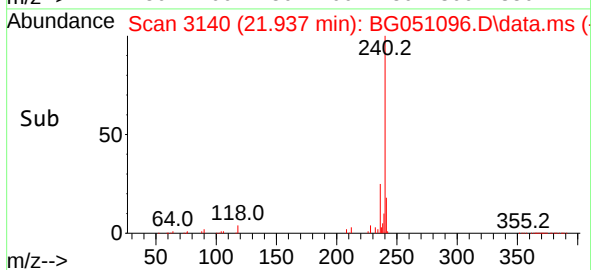
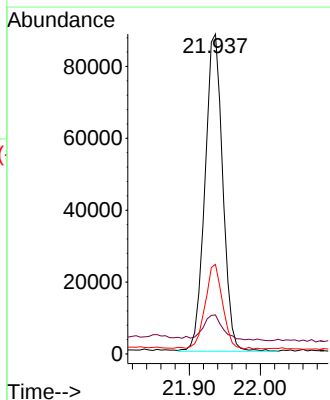
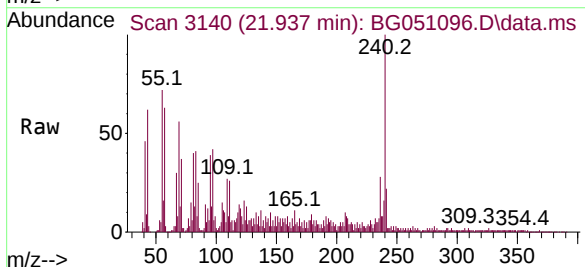
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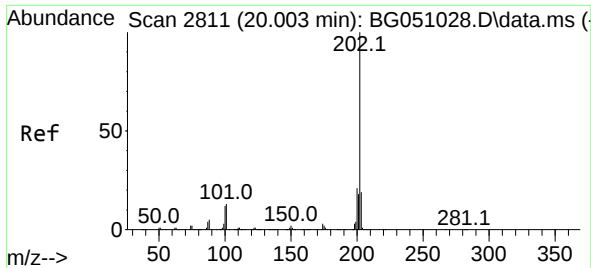
Tgt Ion:202 Resp: 65453
Ion Ratio Lower Upper
202 100
101 13.3 0.0 24.7
203 61.2 0.0 38.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3140
Delta R.T. 0.036 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion:240 Resp: 153704
Ion Ratio Lower Upper
240 100
120 12.2 4.2 6.2#
236 28.0 21.8 32.6

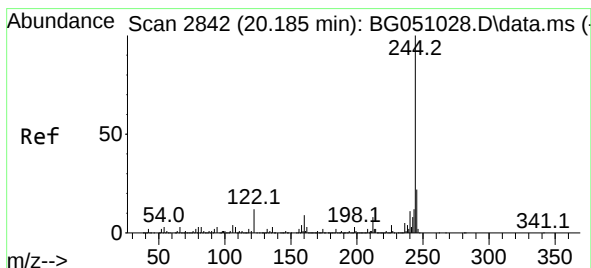
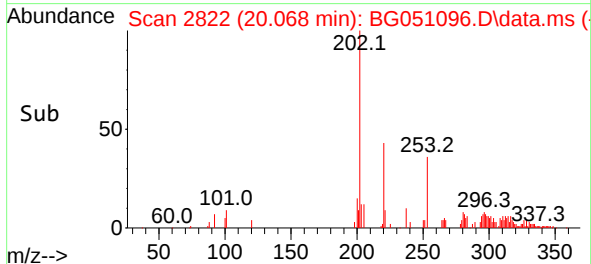
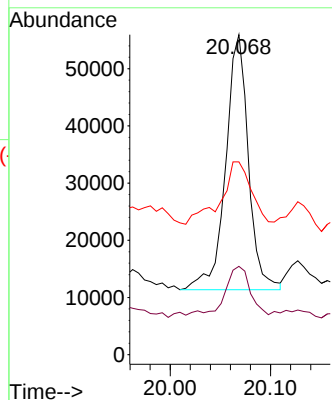
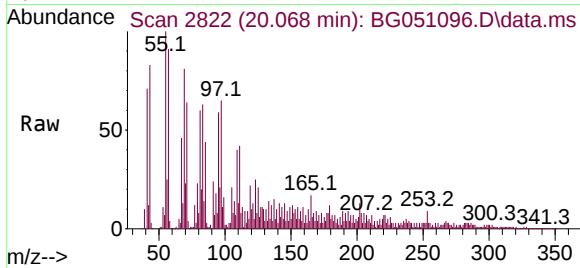




#78
 Pyrene
 Concen: 6.104 ng
 RT: 20.068 min Scan# 21
 Delta R.T. 0.065 min
 Lab File: BG051096.D
 Acq: 17 Nov 2021 17:41

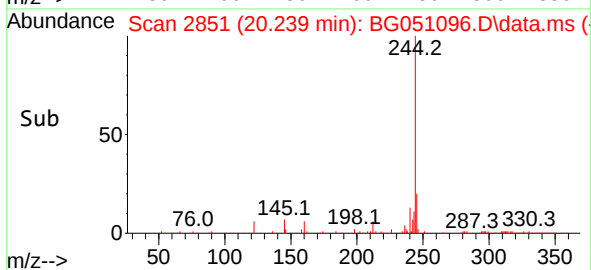
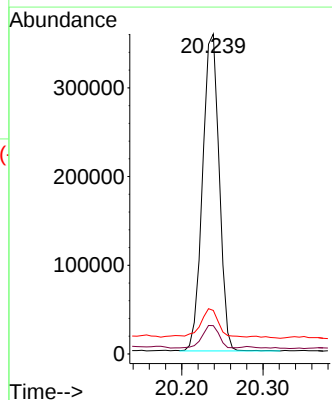
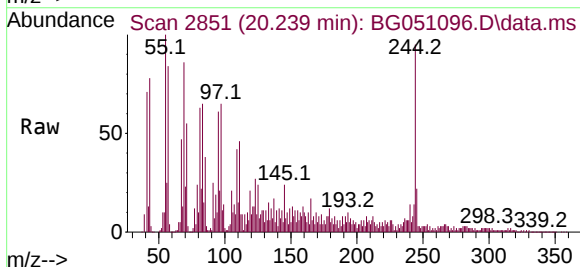
Instrument :
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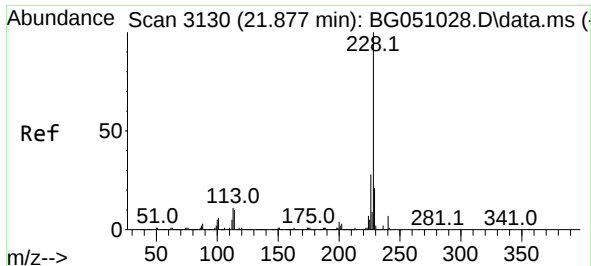
Tgt Ion:202 Resp: 70380
 Ion Ratio Lower Upper
 202 100
 200 27.6 15.8 23.8#
 203 60.3 14.6 21.8#



#79
 Terphenyl-d14
 Concen: 60.413 ng
 RT: 20.239 min Scan# 2851
 Delta R.T. 0.054 min
 Lab File: BG051096.D
 Acq: 17 Nov 2021 17:41

Tgt Ion:244 Resp: 507473
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.9 10.3
 122 13.6 5.0 7.6#

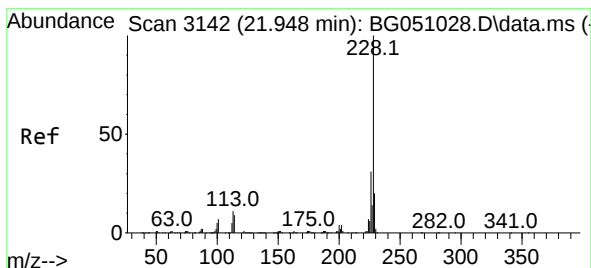
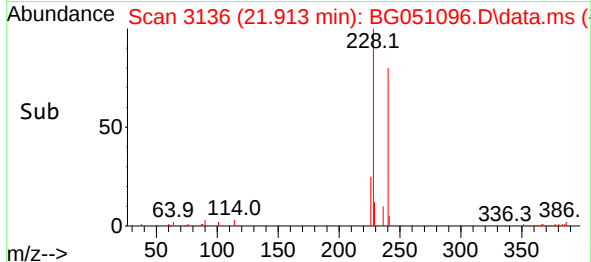
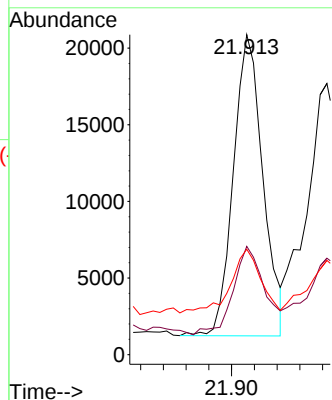
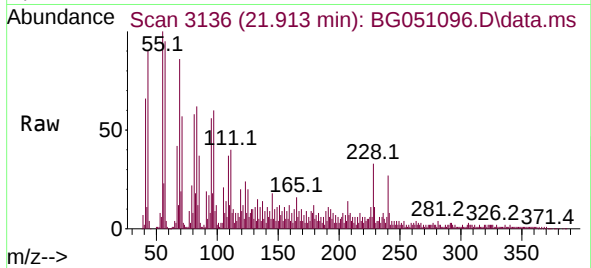




#81
Benzo(a)anthracene
Concen: 3.360 ng
RT: 21.913 min Scan# 3130
Delta R.T. 0.036 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

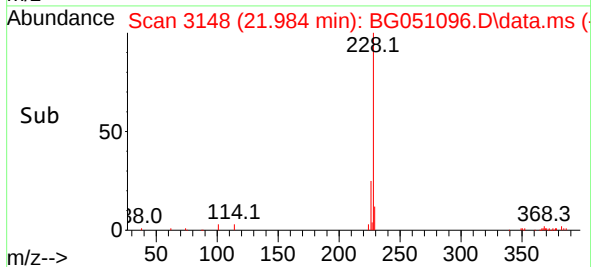
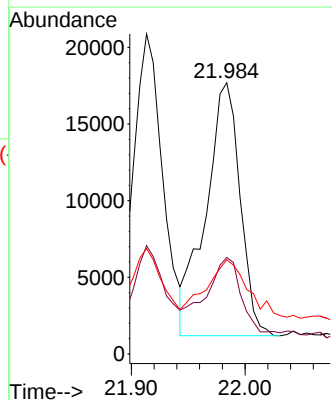
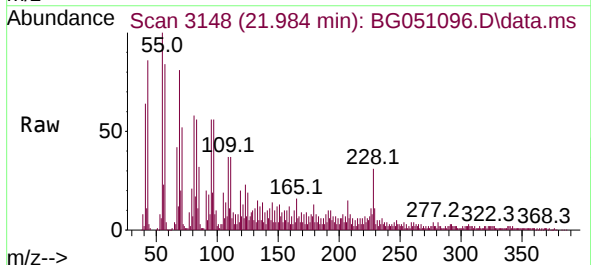
Instrument :
BNA_G
ClientSampleId :
RO-72-11933

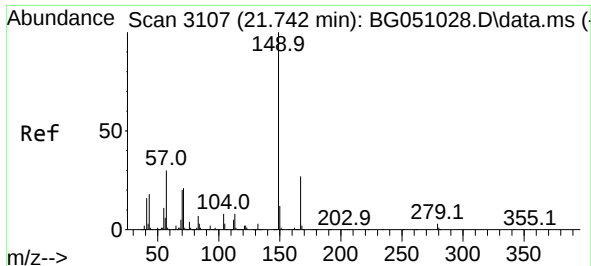
Tgt Ion:228 Resp: 35461
Ion Ratio Lower Upper
228 100
226 33.9 22.7 34.1
229 32.9 16.0 24.0#



#83
Chrysene
Concen: 3.483 ng
RT: 21.984 min Scan# 3148
Delta R.T. 0.036 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion:228 Resp: 34678
Ion Ratio Lower Upper
228 100
226 35.6 23.1 34.7#
229 34.7 15.3 22.9#

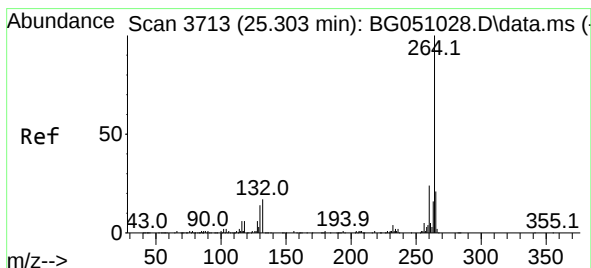
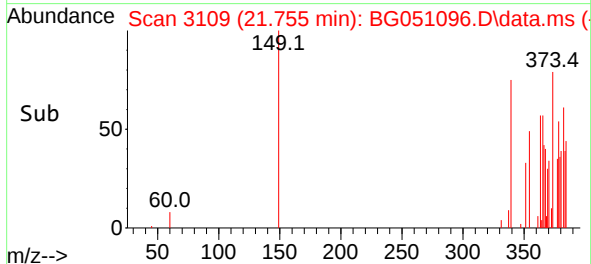
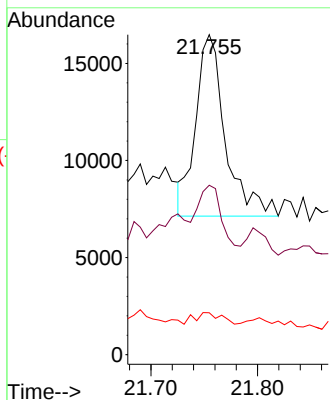
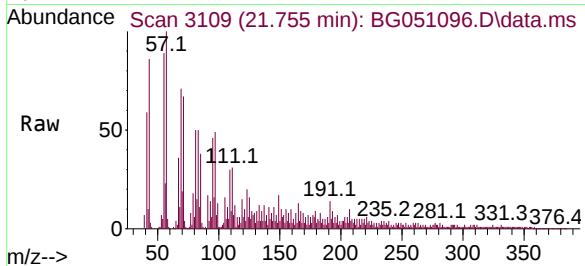




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.600 ng
RT: 21.755 min Scan# 3109
Delta R.T. 0.013 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

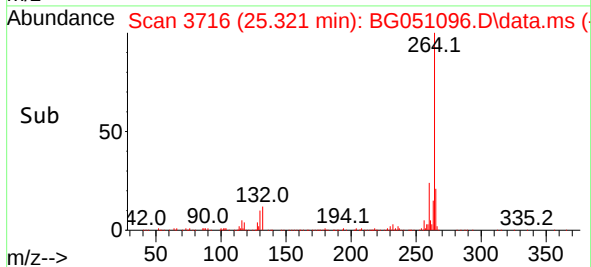
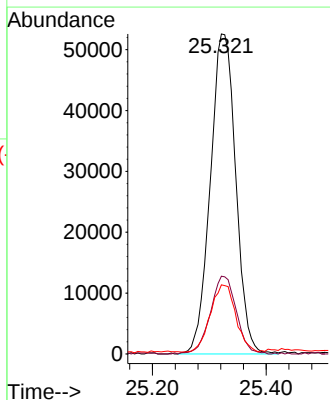
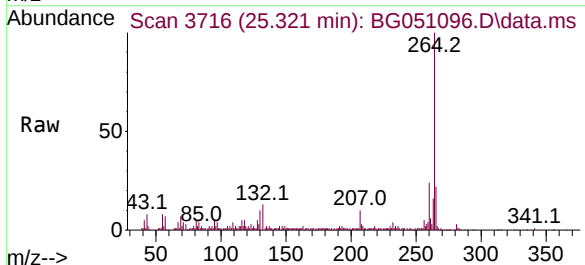
Instrument :
BNA_G
ClientSampleId :
RO-72-11933

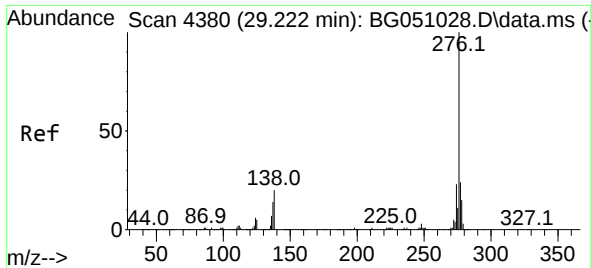
Tgt Ion:149 Resp: 18145
Ion Ratio Lower Upper
149 100
167 52.9 22.3 33.5#
279 13.1 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.321 min Scan# 3716
Delta R.T. 0.018 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion:264 Resp: 163536
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.6 16.9 25.3

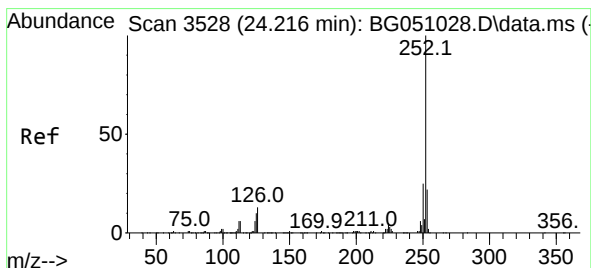
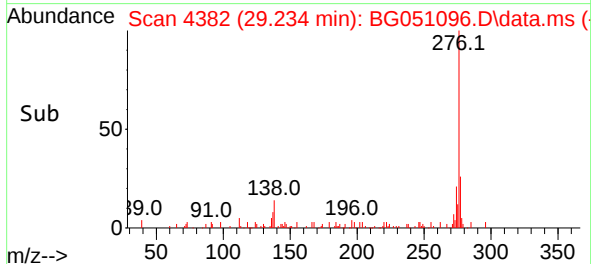
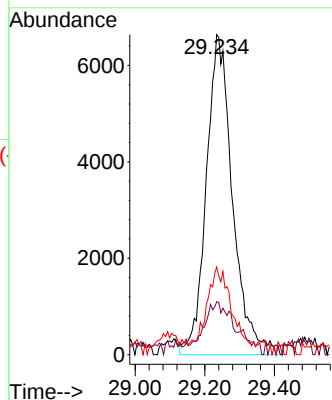
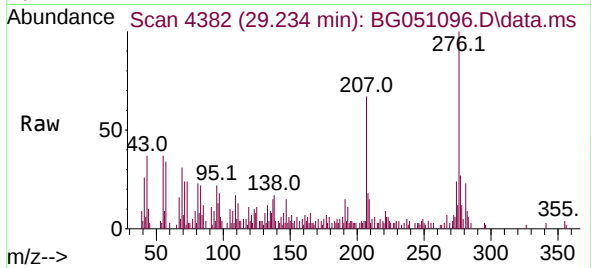




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.009 ng
 RT: 29.234 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: BG051096.D
 Acq: 17 Nov 2021 17:41

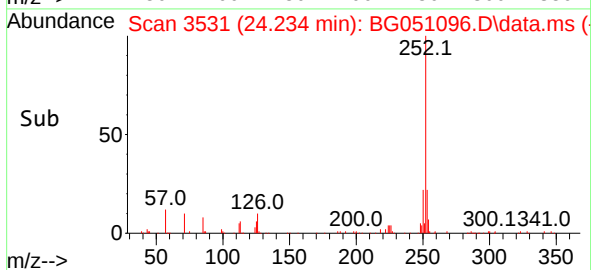
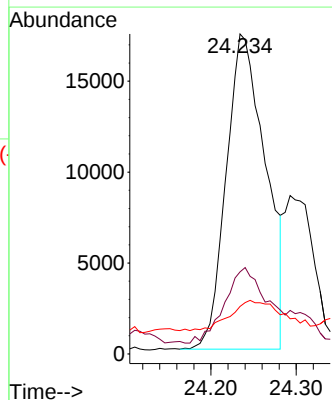
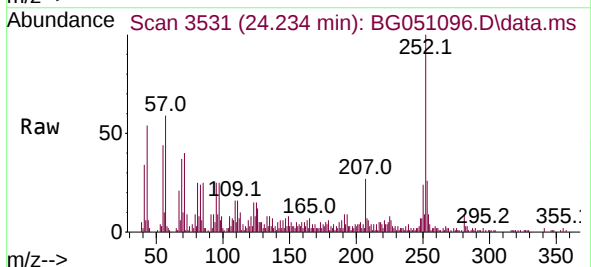
Instrument :
 BNA_G
 ClientSampleId :
 RO-72-11933

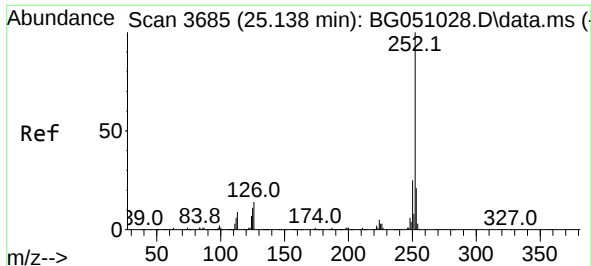
Tgt Ion:276 Resp: 34926
 Ion Ratio Lower Upper
 276 100
 138 11.7 5.1 7.7#
 277 21.8 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 5.412 ng
 RT: 24.234 min Scan# 3531
 Delta R.T. 0.018 min
 Lab File: BG051096.D
 Acq: 17 Nov 2021 17:41

Tgt Ion:252 Resp: 55707
 Ion Ratio Lower Upper
 252 100
 253 25.7 16.2 24.4#
 125 14.8 3.0 4.4#

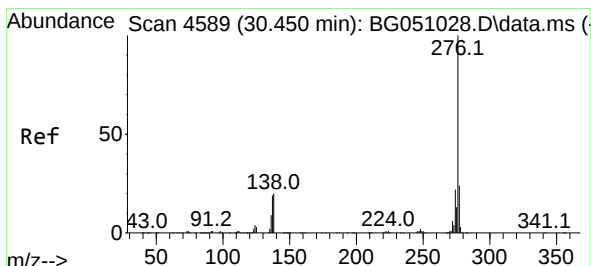
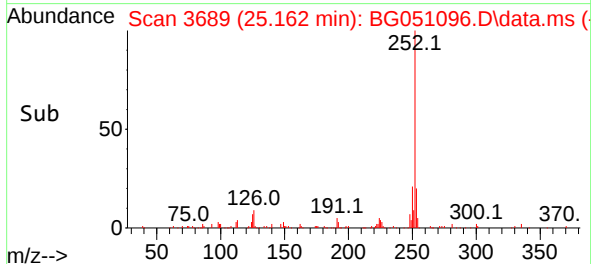
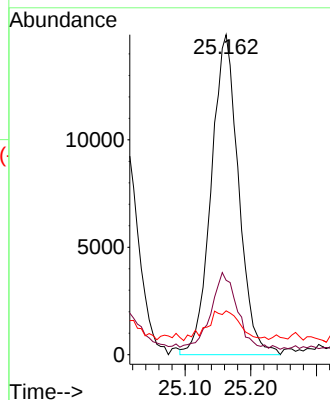
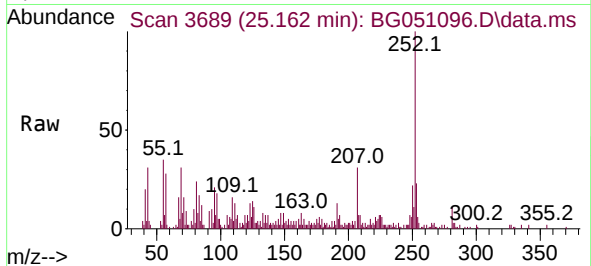




#90
Benzo(a)pyrene
Concen: 4.885 ng
RT: 25.162 min Scan# 30
Delta R.T. 0.024 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Instrument :
BNA_G
ClientSampleId :
RO-72-11933

Tgt Ion:252 Resp: 42930
Ion Ratio Lower Upper
252 100
253 23.2 16.6 25.0
125 13.7 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.361 ng
RT: 30.468 min Scan# 4592
Delta R.T. 0.018 min
Lab File: BG051096.D
Acq: 17 Nov 2021 17:41

Tgt Ion:276 Resp: 31611
Ion Ratio Lower Upper
276 100
277 22.2 18.4 27.6
138 19.3 7.0 10.6#

