

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054201.D
 Acq On : 1 Jul 2022 21:34
 Operator : CG/JU
 Sample : N3562-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11A

Quant Time: Jul 01 23:35:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

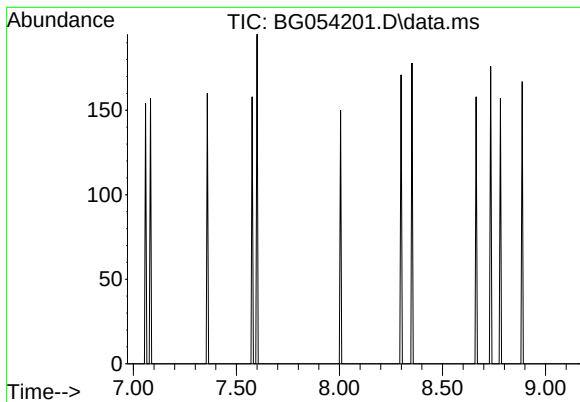
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-8.07
21) Naphthalene-d8	0.000	136	0	0.000	ng	-10.88
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-14.70
64) Phenanthrene-d10	17.447	188	59	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	89	20.000	ng	# 0.01
86) Perylene-d12	24.973	264	251	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	20.056	244	442	100.025	ng	0.01
Target Compounds						Qvalue
71) Phenanthrene	17.482	178	204	67.299	ng	# 62
72) Anthracene	17.564	178	65	21.959	ng	# 1
73) Carbazole	17.847	167	271	106.661	ng	# 58
74) Di-n-butylphthalate	18.411	149	143	48.678	ng	# 77
75) Fluoranthene	19.451	202	151	37.947	ng	# 1
77) Benzidine	19.680	184	168	91.151	ng	# 1
78) Pyrene	19.862	202	1962	364.998	ng	# 38
80) Butylbenzylphthalate	20.731	149	163	94.604	ng	# 91
81) Benzo(a)anthracene	21.683	228	143	24.815	ng	# 1
82) 3,3'-Dichlorobenzidine	21.660	252	549	318.874	ng	# 56
83) Chrysene	21.771	228	481	87.567	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.595	149	792	321.402	ng	# 47
85) Di-n-octyl phthalate	22.858	149	401	94.678	ng	# 1
87) Indeno(1,2,3-cd)pyrene	28.687	276	176	9.292	ng	# 1
88) Benzo(b)fluoranthene	23.939	252	287	18.806	ng	# 1
89) Benzo(k)fluoranthene	24.022	252	93	6.155	ng	# 1
90) Benzo(a)pyrene	24.832	252	110	8.543	ng	# 1
91) Dibenzo(a,h)anthracene	28.746	278	69	4.405	ng	# 1
92) Benzo(g,h,i)perylene	29.868	276	161	10.416	ng	# 1

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

SB-11A

TIC: BG054201.D\data.ms

Retention Time (min)	Compound
17.5	Phenanthrene-d10,l
18.0	Carbazole
18.5	Di-n-butylphthalate
19.5	Fluoranthene
20.0	Benzzidine
20.5	Pyrene
21.0	Terphenyl-d14,S
21.5	Butylbenzylphthalate
22.0	Benzzidine
22.5	Di-n-butylphthalate
23.0	Di-n-octyl phthalate, c
24.0	Benzzidine
24.5	Benzzidine
25.0	Perylene, C
26.0	Benzzidine
28.5	Dibenz(a,h)anthracene
30.0	Benzo(g,h,i)perylene

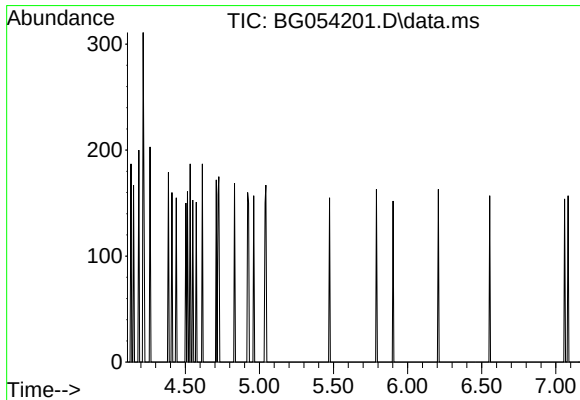
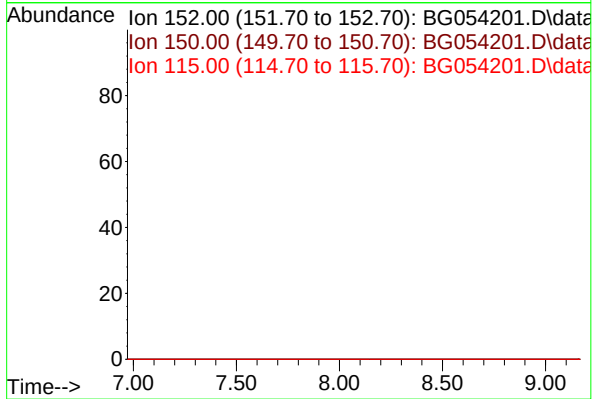


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 8.07 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-11A

Tgt Ion: 152

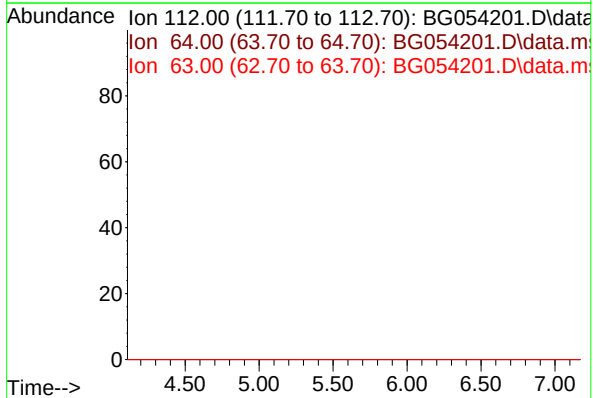
Sig	Exp Ratio
152	100
150	164.5
115	63.6

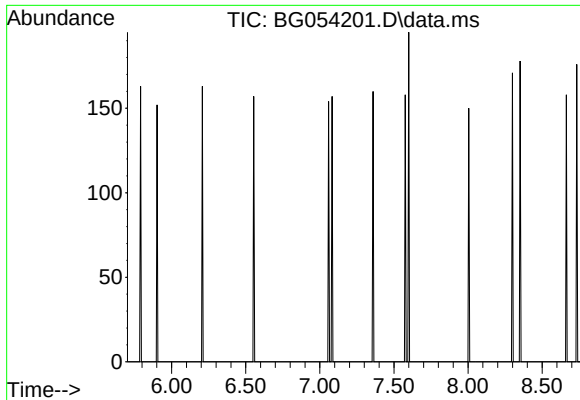


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.64 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.9
63	38.0



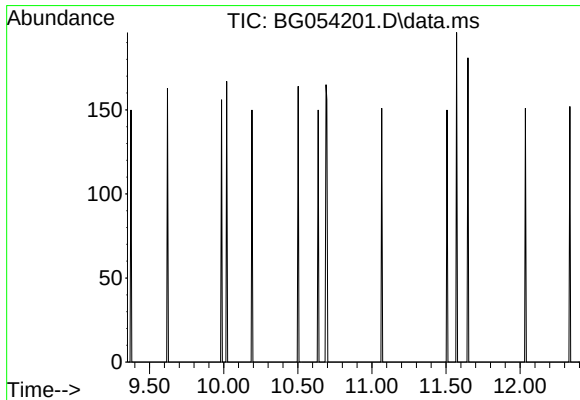
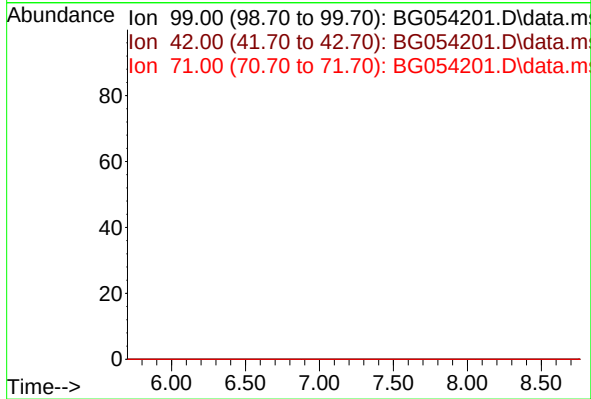


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.23 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-11A

Tgt Ion: 99

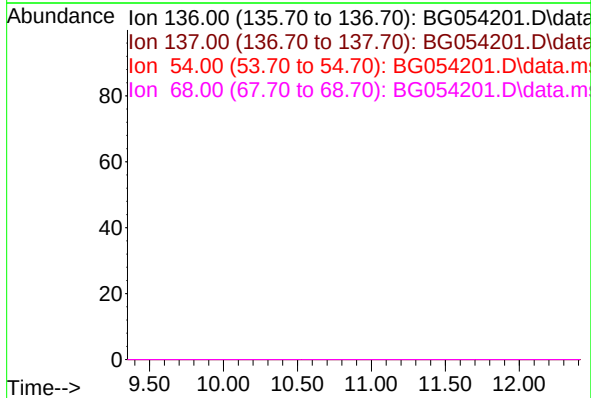
Sig	Exp Ratio
99	100
42	21.3
71	42.3

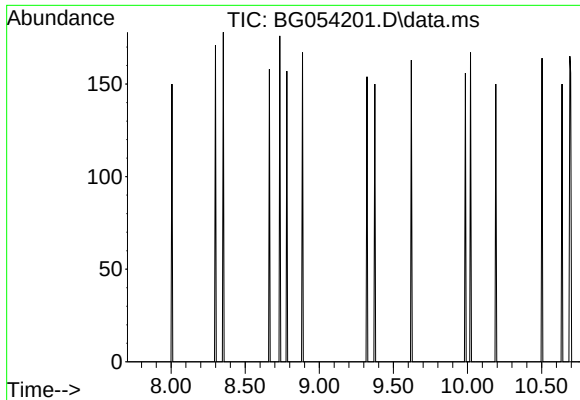


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 10.88 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.6
54	9.3
68	6.1



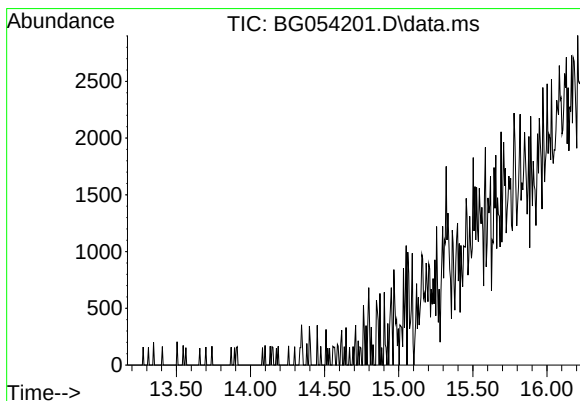
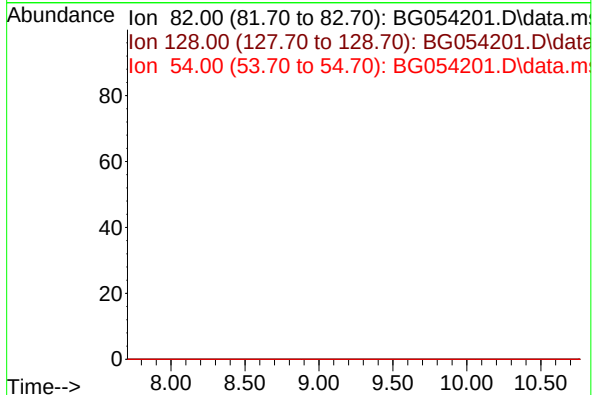


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 9.23 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Instrument :
 BNA_G
 ClientSampleId :
 SB-11A

Tgt Ion: 82

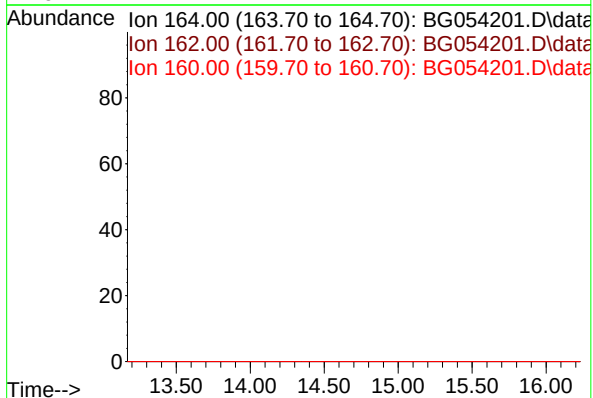
Sig	Exp Ratio
82	100
128	34.9
54	51.5

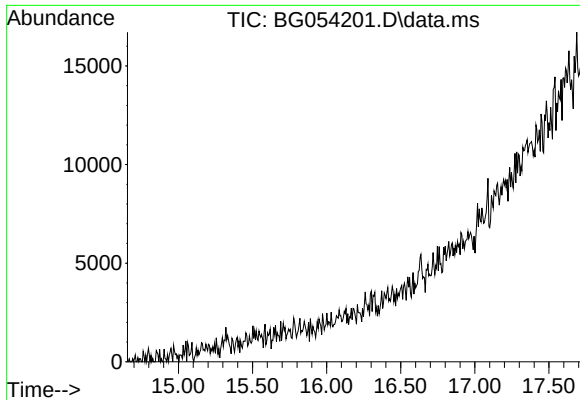


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.70 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	102.9
160	42.7



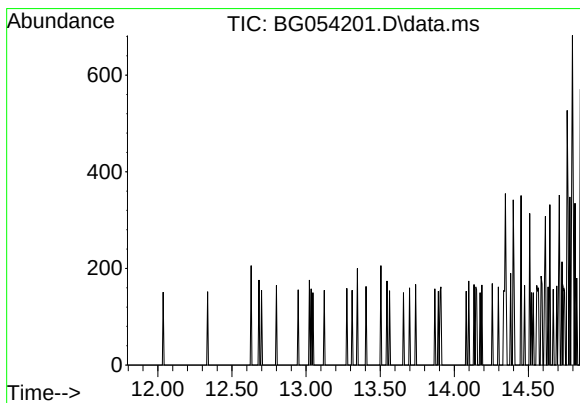
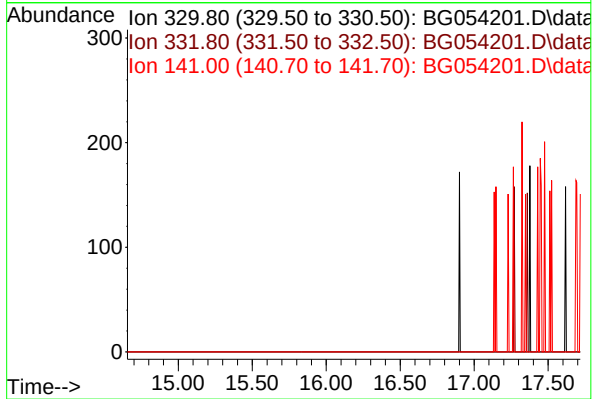


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.18 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion: 330

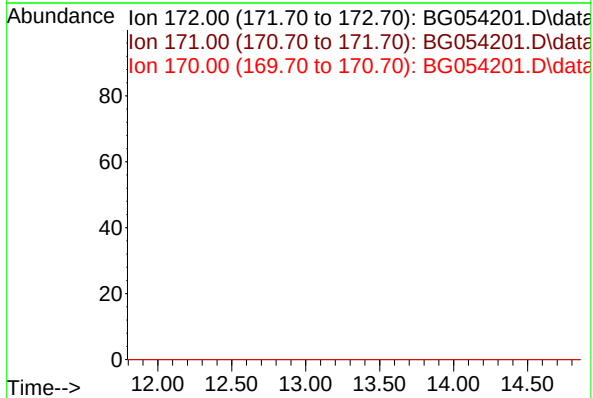
Sig	Exp Ratio
330	100
332	95.0
141	33.9

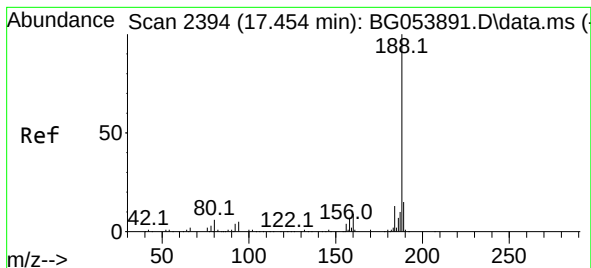


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.32 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.6
170	23.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.447 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG054201.D

Acq: 1 Jul 2022 21:34

Instrument :

BNA_G

ClientSampleId :

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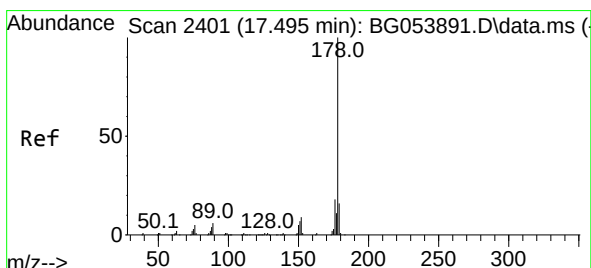
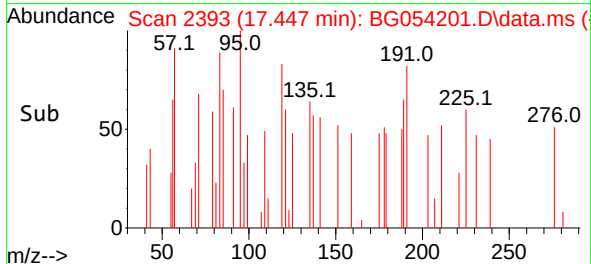
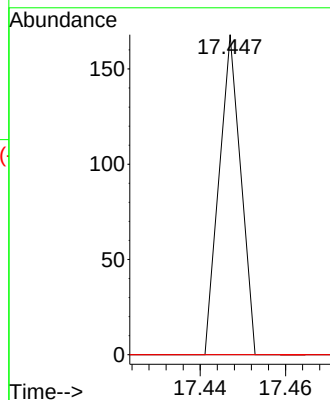
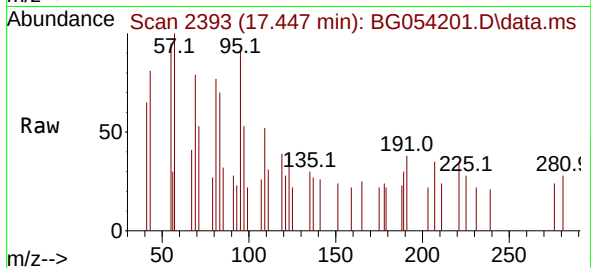
Tgt Ion:188 Resp: 59

Ion Ratio Lower Upper

188 100

94 0.0 5.4 8.0#

80 0.0 6.8 10.2#



#71

Phenanthrene

Concen: 67.299 ng

RT: 17.482 min Scan# 2399

Delta R.T. -0.001 min

Lab File: BG054201.D

Acq: 1 Jul 2022 21:34

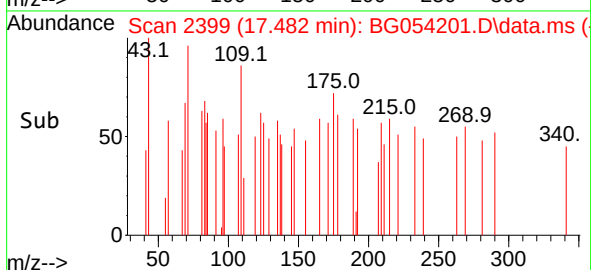
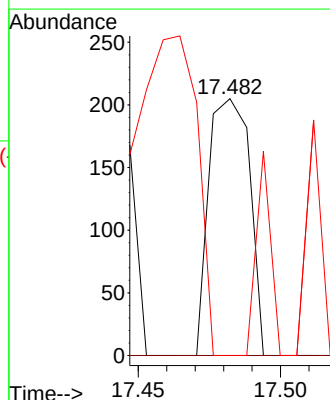
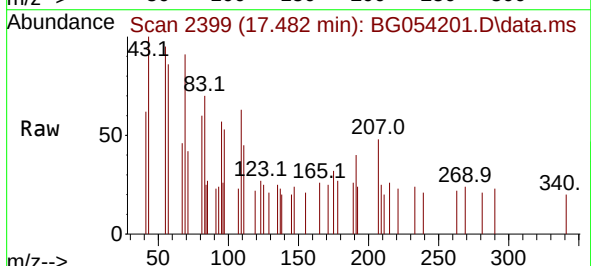
Tgt Ion:178 Resp: 204

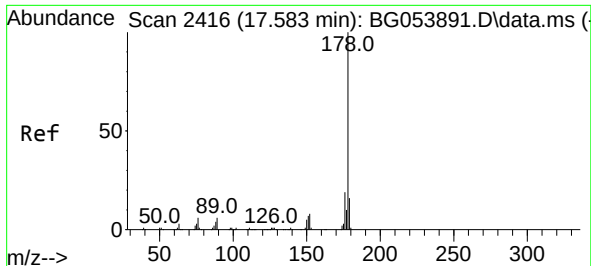
Ion Ratio Lower Upper

178 100

176 0.0 14.1 21.1#

179 0.0 12.1 18.1#

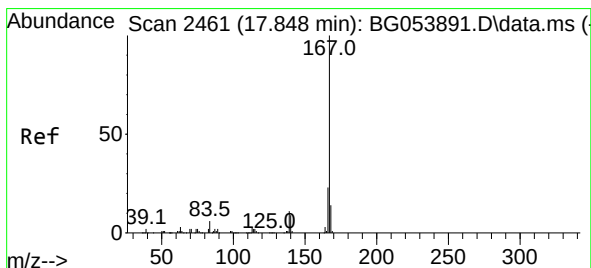
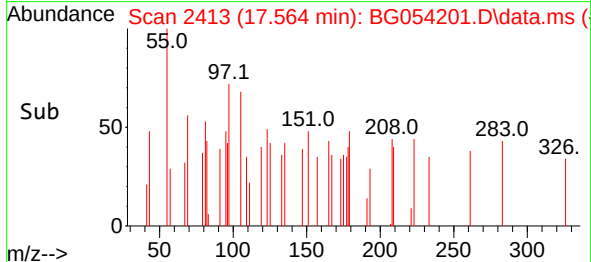
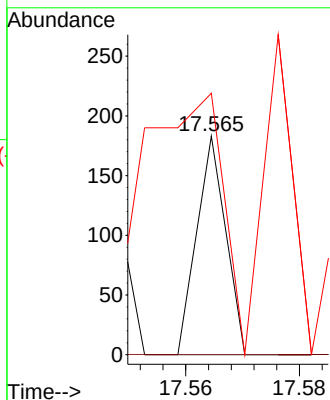
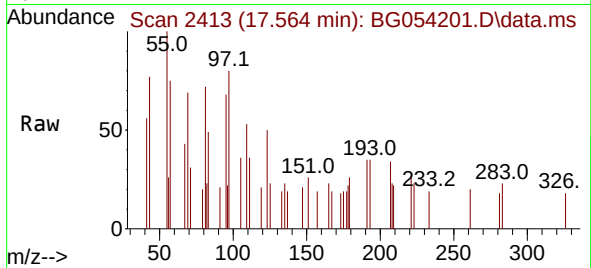




#72
 Anthracene
 Concen: 21.959 ng
 RT: 17.564 min Scan# 2413
 Delta R.T. -0.012 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

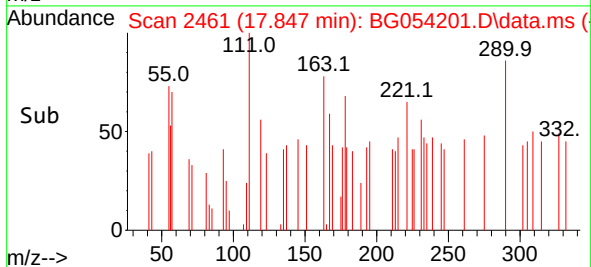
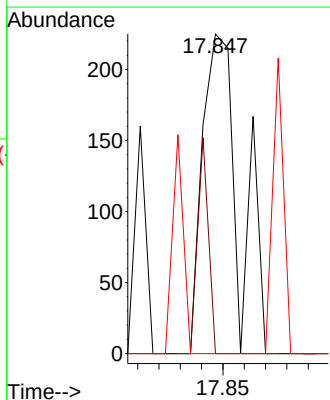
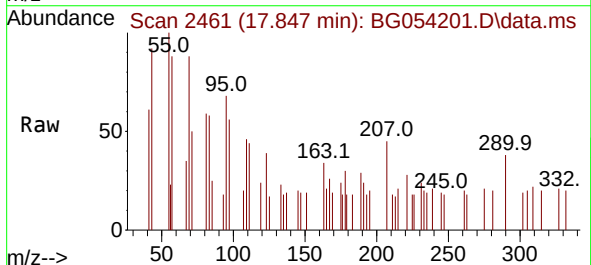
Instrument :
 BNA_G
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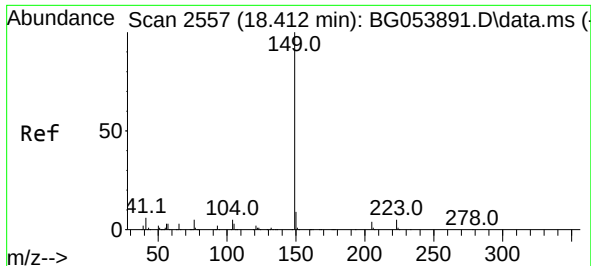
Tgt Ion:178 Resp: 65
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 119.7 13.0 19.4#



#73
 Carbazole
 Concen: 106.661 ng
 RT: 17.847 min Scan# 2461
 Delta R.T. 0.005 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Tgt Ion:167 Resp: 271
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.2#
 139 0.0 10.1 15.1#

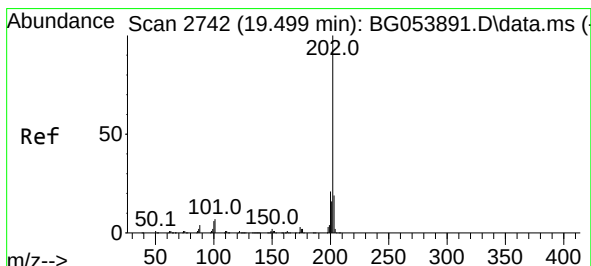
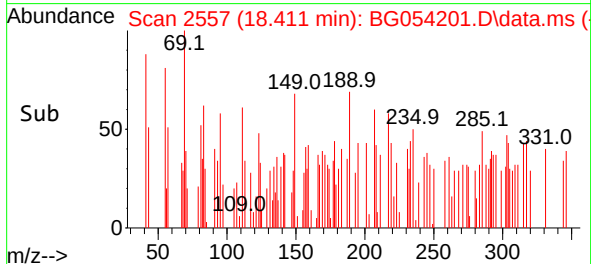
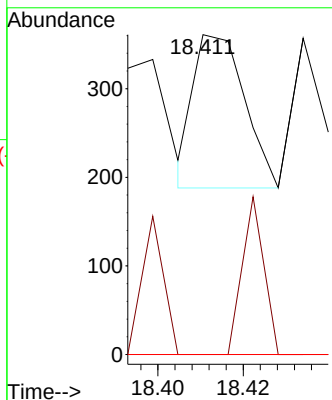
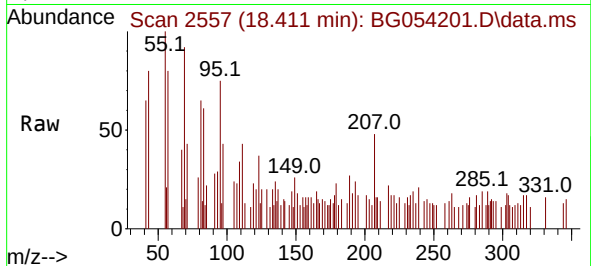




#74
Di-n-butylphthalate
Concen: 48.678 ng
RT: 18.411 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

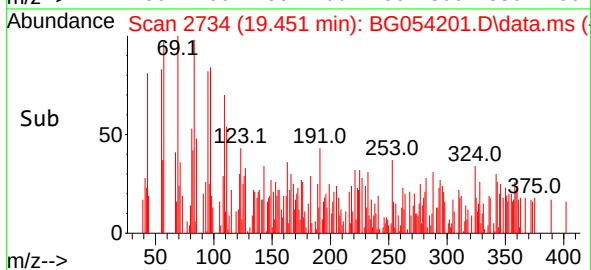
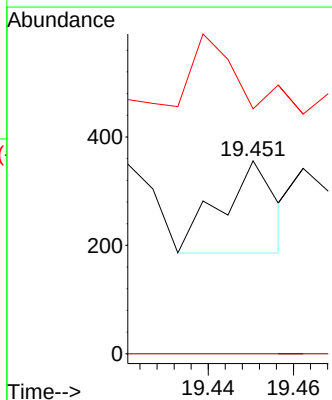
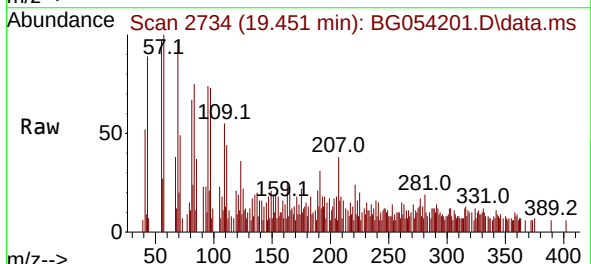
Instrument :
BNA_G
ClientSampleId :
SB-11A

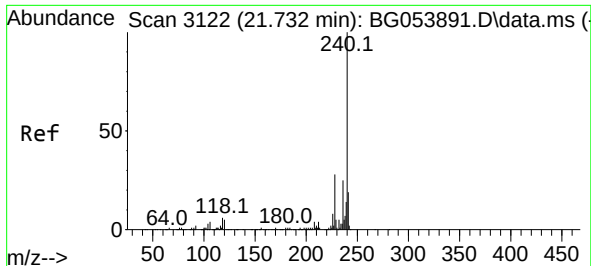
Tgt Ion:149 Resp: 143
Ion Ratio Lower Upper
149 100
150 0.0 7.7 11.5#
104 0.0 5.4 8.0#



#75
Fluoranthene
Concen: 37.947 ng
RT: 19.451 min Scan# 2734
Delta R.T. -0.042 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

Tgt Ion:202 Resp: 151
Ion Ratio Lower Upper
202 100
101 0.0 0.0 26.9
203 127.0 0.0 37.2#

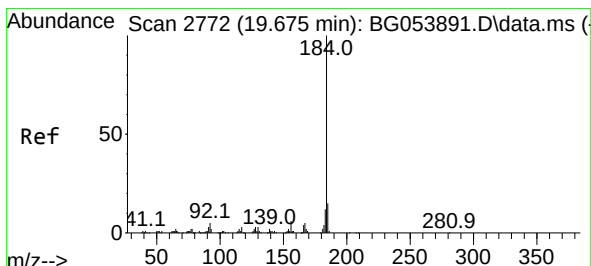
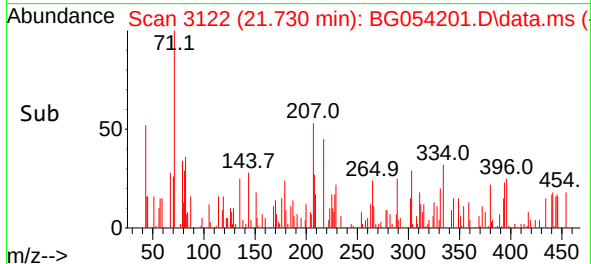
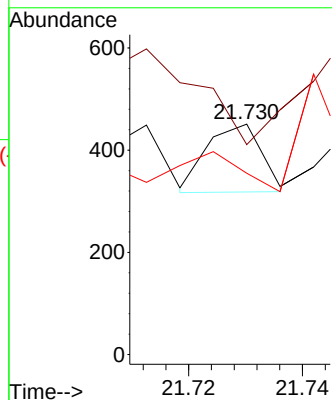
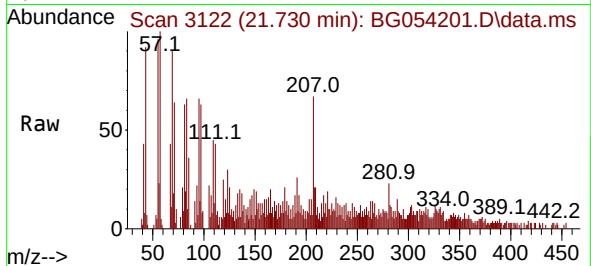




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. 0.011 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

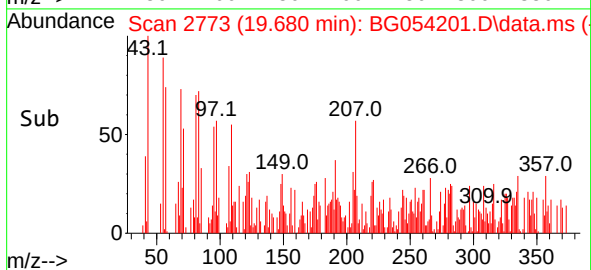
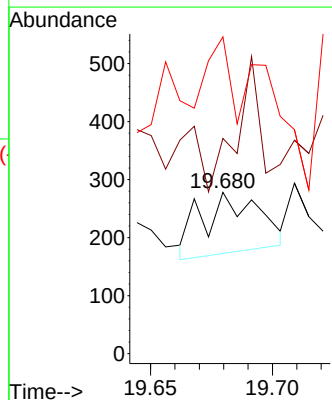
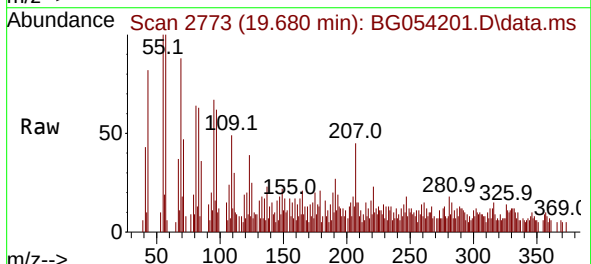
Instrument :
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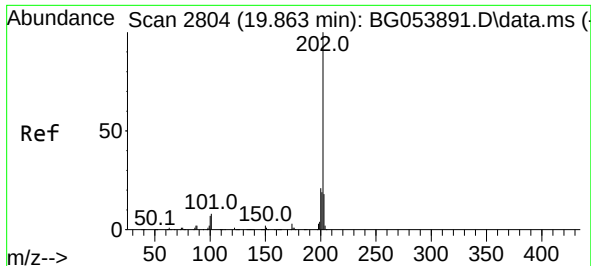
Tgt Ion:240 Resp: 89
Ion Ratio Lower Upper
240 100
120 91.1 4.6 7.0#
236 78.7 20.2 30.4#



#77
Benzidine
Concen: 91.151 ng
RT: 19.680 min Scan# 2773
Delta R.T. 0.017 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

Tgt Ion:184 Resp: 168
Ion Ratio Lower Upper
184 100
185 133.5 11.8 17.6#
183 196.4 8.9 13.3#

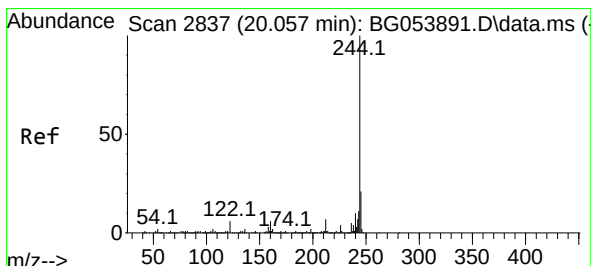
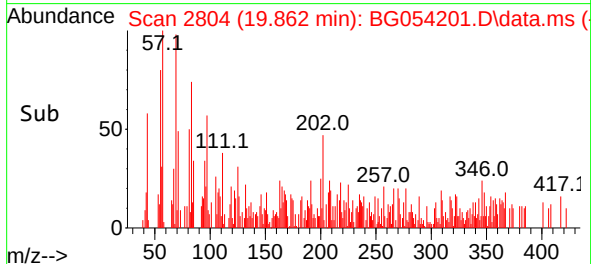
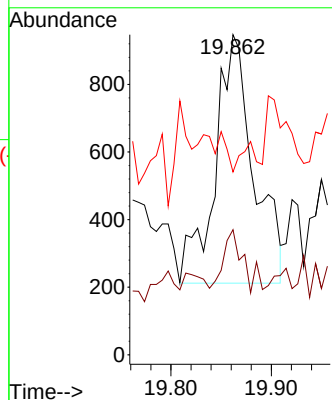
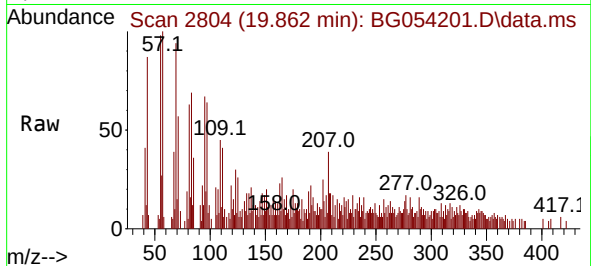




#78
Pyrene
Concen: 364.998 ng
RT: 19.862 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

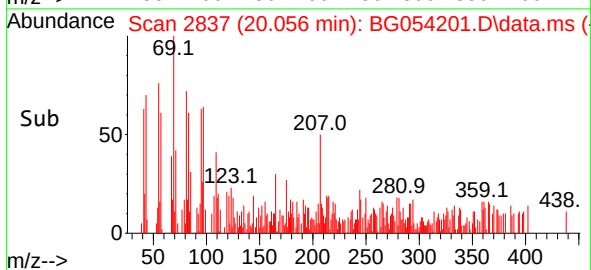
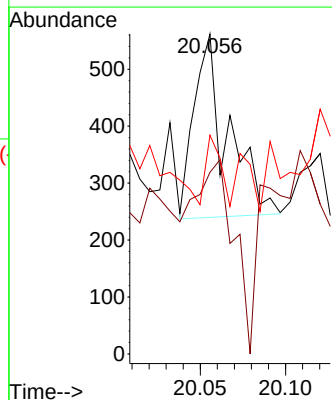
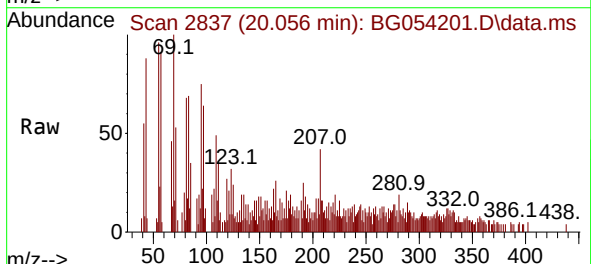
Instrument :
BNA_G
ClientSampleId :
SB-11A

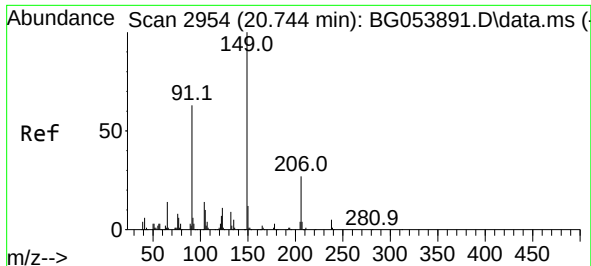
Tgt Ion:202 Resp: 1962
Ion Ratio Lower Upper
202 100
200 39.1 16.6 24.8#
203 57.1 14.6 21.8#



#79
Terphenyl-d14
Concen: 100.025 ng
RT: 20.056 min Scan# 2837
Delta R.T. 0.011 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

Tgt Ion:244 Resp: 442
Ion Ratio Lower Upper
244 100
212 56.8 6.5 9.7#
122 68.3 5.0 7.4#

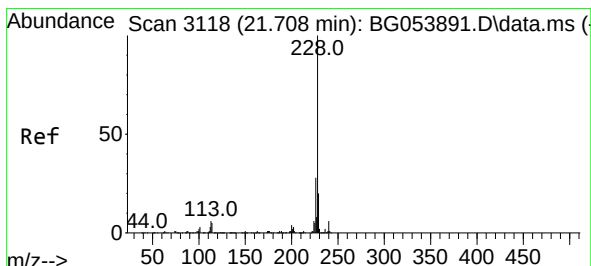
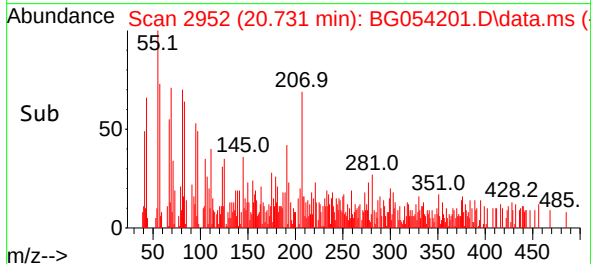
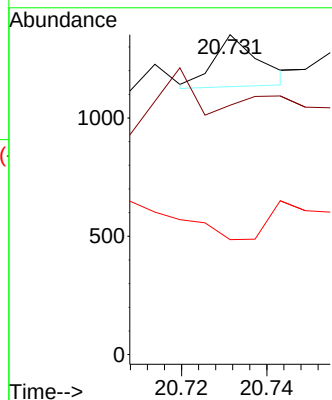
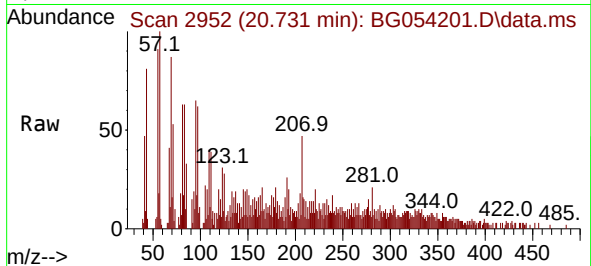




#80
Butylbenzylphthalate
Concen: 94.604 ng
RT: 20.731 min Scan# 2952
Delta R.T. -0.001 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

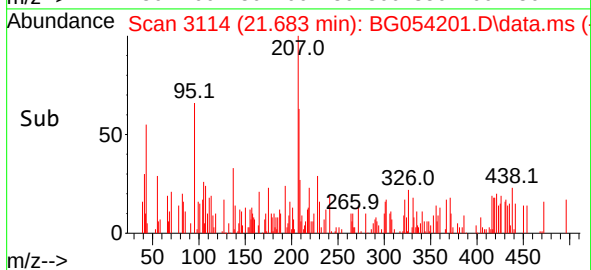
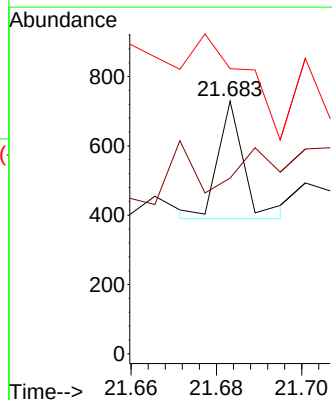
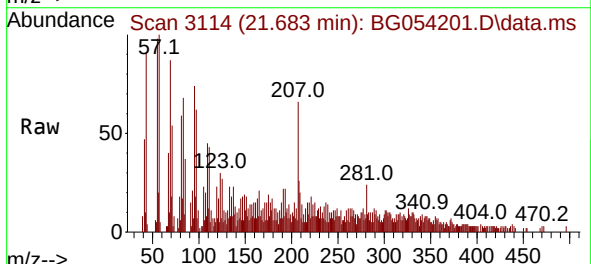
Instrument :
BNA_G
ClientSampleId :
SB-11A

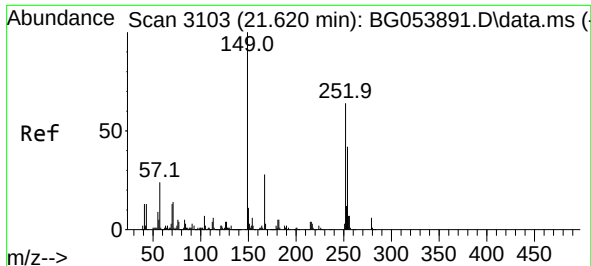
Tgt Ion:149 Resp: 163
Ion Ratio Lower Upper
149 100
91 78.0 59.6 89.4
206 35.9 18.6 28.0#



#81
Benzo(a)anthracene
Concen: 24.815 ng
RT: 21.683 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

Tgt Ion:228 Resp: 143
Ion Ratio Lower Upper
228 100
226 69.5 21.6 32.4#
229 112.9 16.2 24.2#

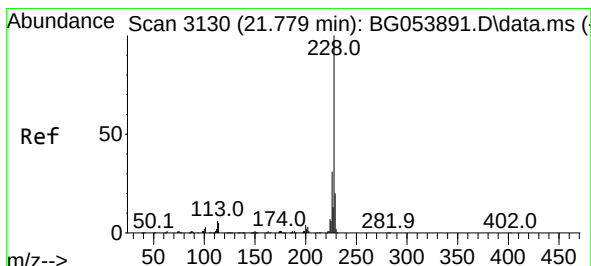
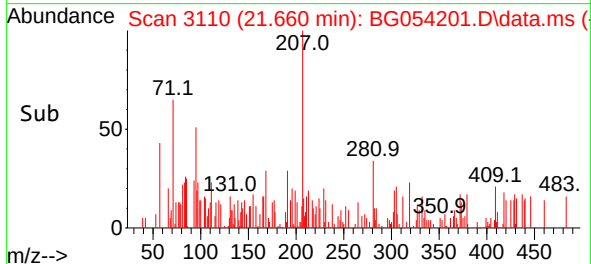
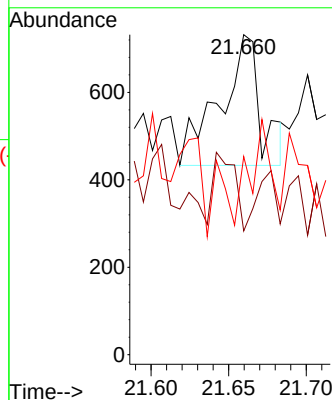
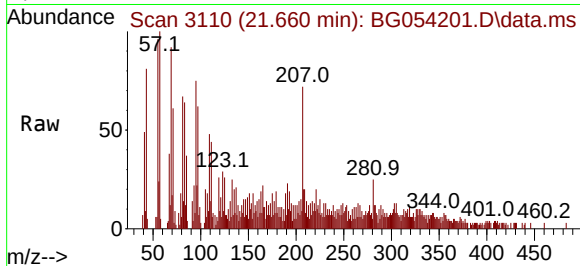




#82
 3,3'-Dichlorobenzidine
 Concen: 318.874 ng
 RT: 21.660 min Scan# 3110
 Delta R.T. 0.052 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

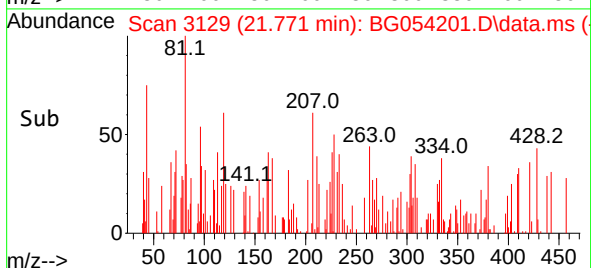
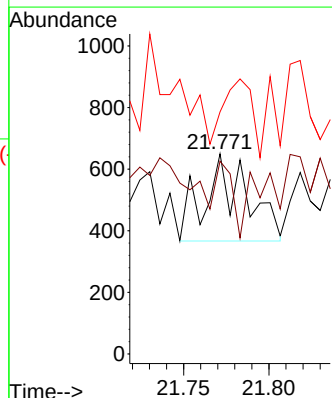
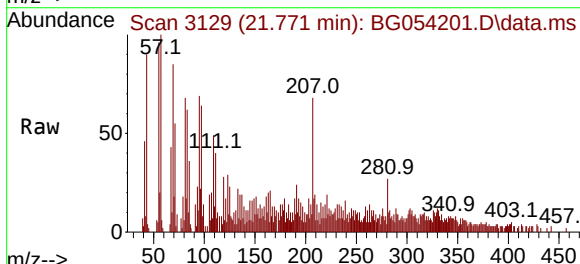
Instrument :
 BNA_G
 ClientSampleId :
 SB-11A

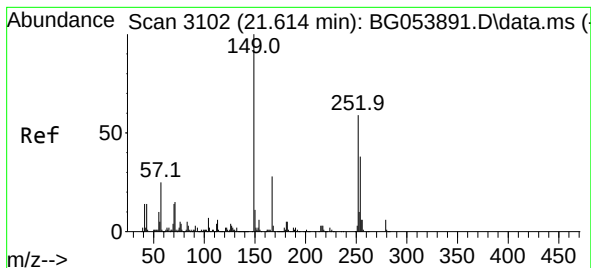
Tgt Ion:252 Resp: 549
 Ion Ratio Lower Upper
 252 100
 254 38.7 49.8 74.8#
 126 61.9 6.0 9.0#



#83
 Chrysene
 Concen: 87.567 ng
 RT: 21.771 min Scan# 3129
 Delta R.T. 0.011 min
 Lab File: BG054201.D
 Acq: 1 Jul 2022 21:34

Tgt Ion:228 Resp: 481
 Ion Ratio Lower Upper
 228 100
 226 96.3 23.4 35.2#
 229 120.9 15.5 23.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 321.402 ng

RT: 21.595 min Scan# 3099

Delta R.T. -0.006 min

Lab File: BG054201.D

Acq: 1 Jul 2022 21:34

Instrument :

BNA_G

ClientSampleId :

SB-11A

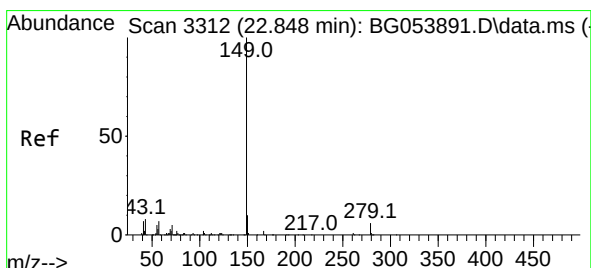
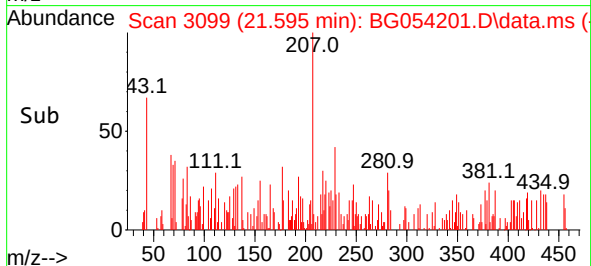
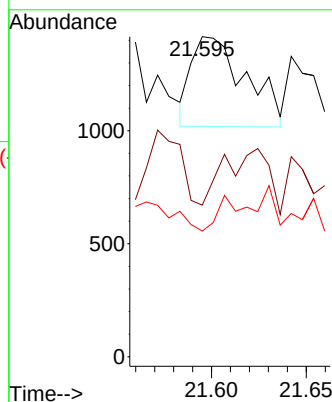
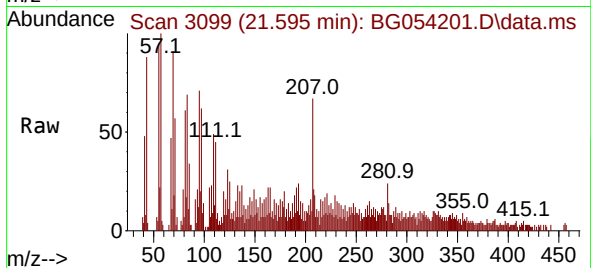
Tgt Ion:149 Resp: 792

Ion Ratio Lower Upper

149 100

167 47.4 20.2 30.4#

279 39.3 3.6 5.4#



#85

Di-n-octyl phthalate

Concen: 94.678 ng

RT: 22.858 min Scan# 3314

Delta R.T. 0.035 min

Lab File: BG054201.D

Acq: 1 Jul 2022 21:34

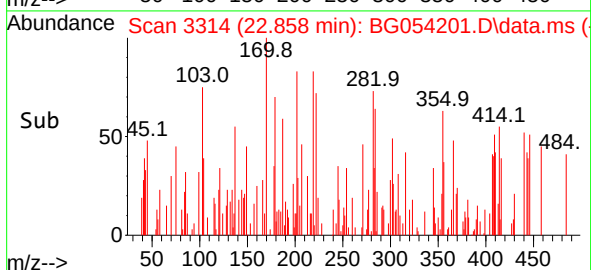
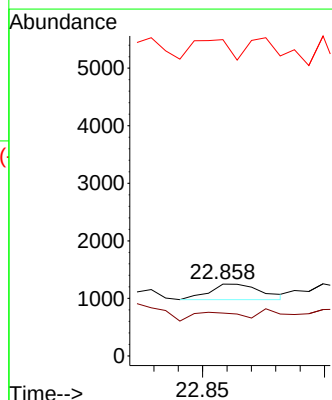
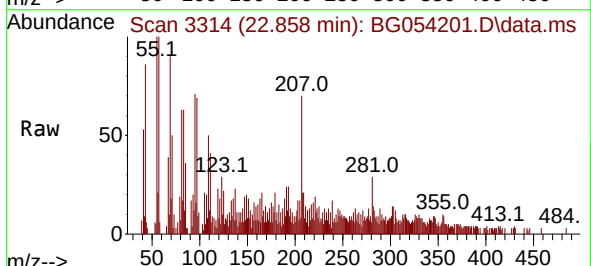
Tgt Ion:149 Resp: 401

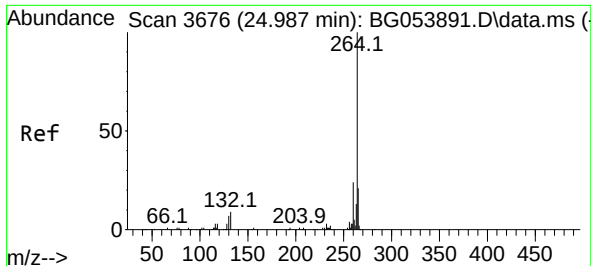
Ion Ratio Lower Upper

149 100

167 52.9 1.3 1.9#

43 90.8 9.0 13.4#

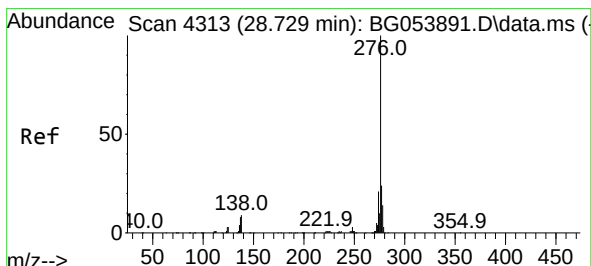
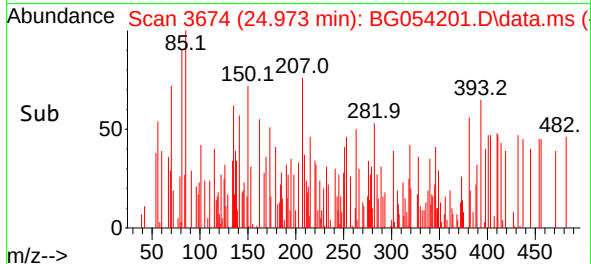
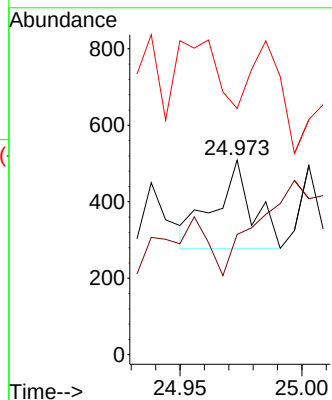
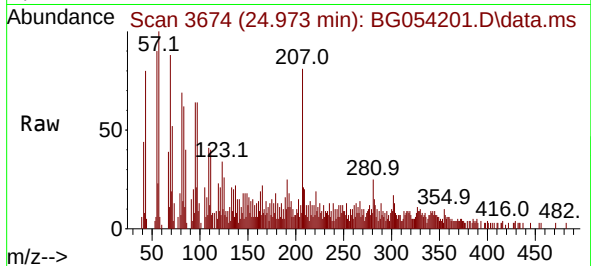




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.973 min Scan# 30
Delta R.T. 0.011 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

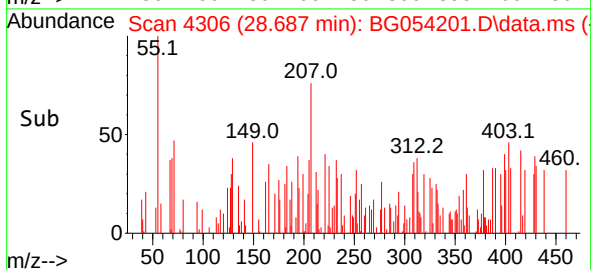
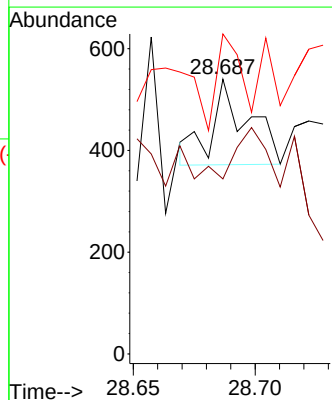
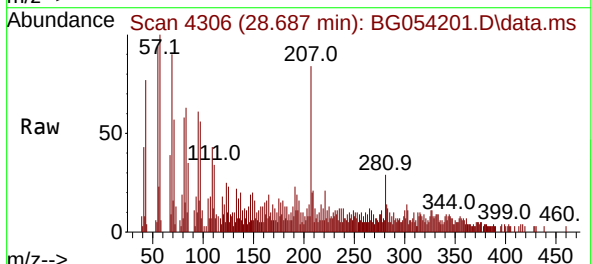
Instrument :
BNA_G
ClientSampleId :
SB-11A

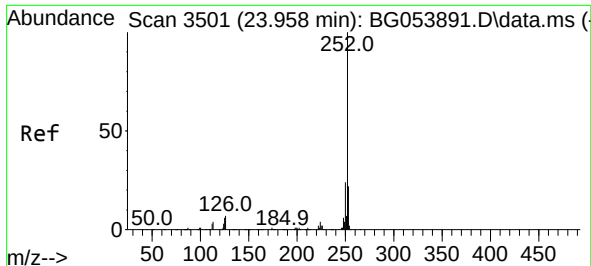
Tgt Ion:264 Resp: 251
Ion Ratio Lower Upper
264 100
260 61.9 19.0 28.6#
265 126.5 17.4 26.2#



#87
Indeno(1,2,3-cd)pyrene
Concen: 9.292 ng
RT: 28.687 min Scan# 4306
Delta R.T. -0.001 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

Tgt Ion:276 Resp: 176
Ion Ratio Lower Upper
276 100
138 189.2 5.0 7.4#
277 75.0 20.3 30.5#

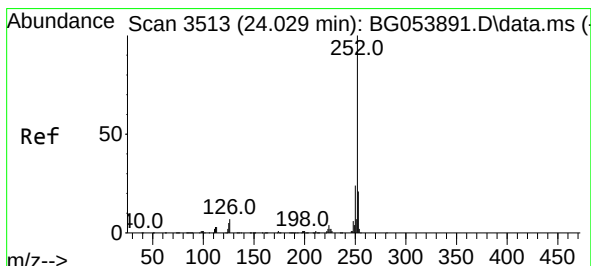
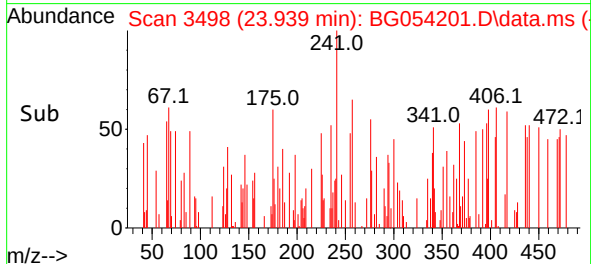
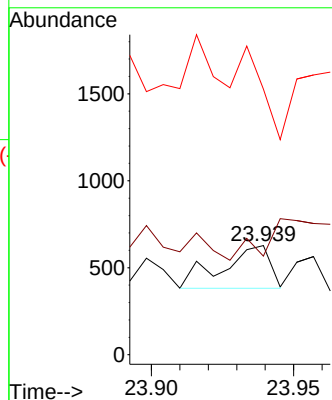
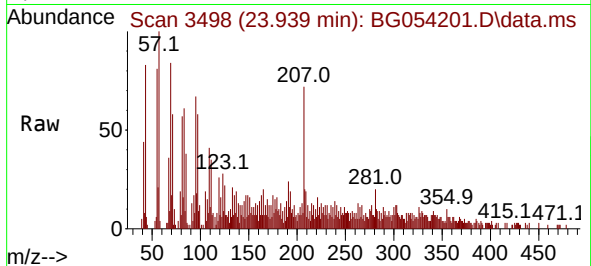




#88
Benzo(b)fluoranthene
Concen: 18.806 ng
RT: 23.939 min Scan# 3498
Delta R.T. 0.005 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

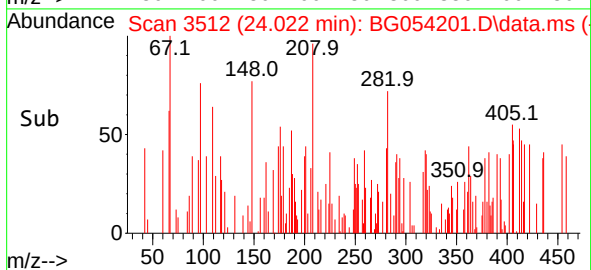
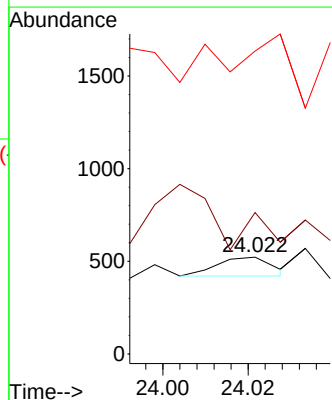
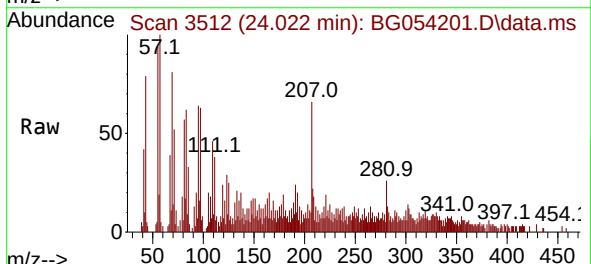
Instrument :
BNA_G
ClientSampleId :
SB-11A

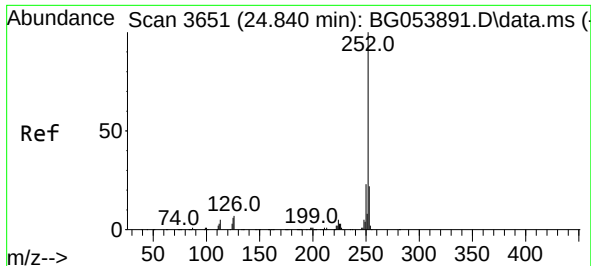
Tgt Ion:252 Resp: 287
Ion Ratio Lower Upper
252 100
253 90.3 18.0 27.0#
125 243.2 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 6.155 ng
RT: 24.022 min Scan# 3512
Delta R.T. 0.017 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

Tgt Ion:252 Resp: 93
Ion Ratio Lower Upper
252 100
253 146.2 18.4 27.6#
125 313.2 4.8 7.2#

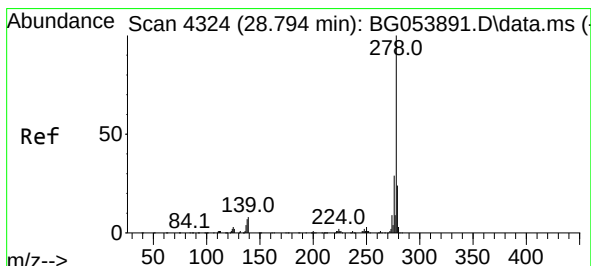
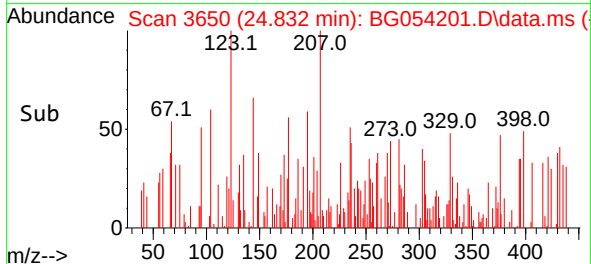
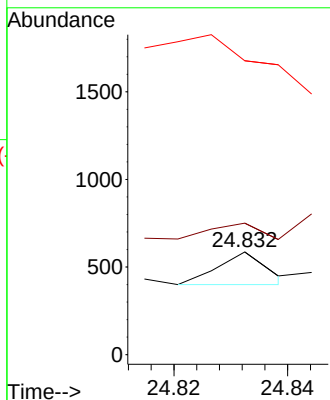
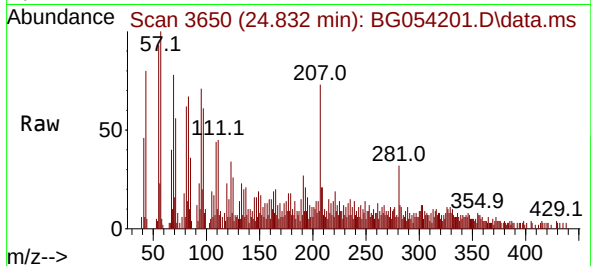




#90
Benzo(a)pyrene
Concen: 8.543 ng
RT: 24.832 min Scan# 30
Delta R.T. 0.017 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

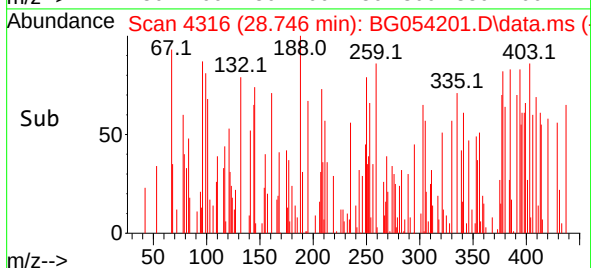
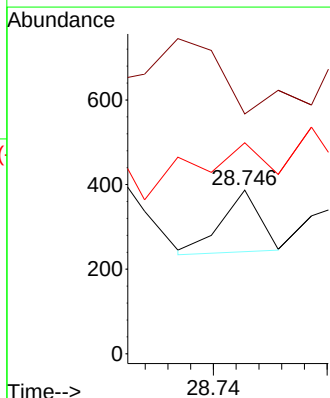
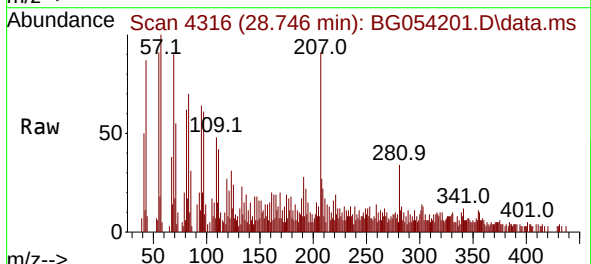
Instrument :
BNA_G
ClientSampleId :
SB-11A

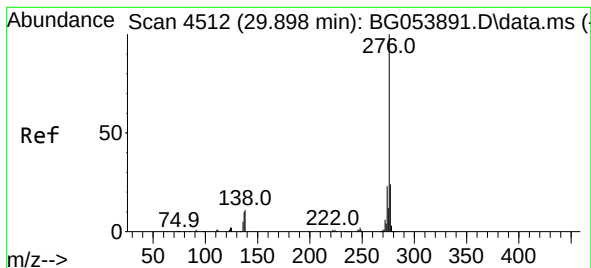
Tgt Ion:252 Resp: 110
Ion Ratio Lower Upper
252 100
253 128.0 17.8 26.8#
125 286.2 4.3 6.5#



#91
Dibenzo(a,h)anthracene
Concen: 4.405 ng
RT: 28.746 min Scan# 4316
Delta R.T. -0.001 min
Lab File: BG054201.D
Acq: 1 Jul 2022 21:34

Tgt Ion:278 Resp: 69
Ion Ratio Lower Upper
278 100
139 146.5 7.2 10.8#
279 128.9 18.6 27.8#





#92

Benzo(g,h,i)perylene

Concen: 10.416 ng

RT: 29.868 min Scan# 4

Delta R.T. 0.005 min

Lab File: BG054201.D

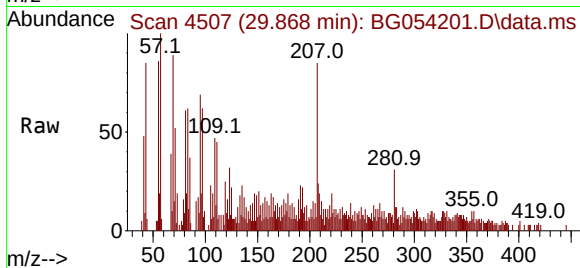
Acq: 1 Jul 2022 21:34

Instrument :

BNA_G

ClientSampleId :

SB-11A



Tgt Ion:276 Resp: 161

Ion Ratio Lower Upper

276 100

277 92.7 17.3 25.9#

138 67.6 9.6 14.4#

