

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055679.D
 Acq On : 18 Nov 2022 00:07
 Operator : CG/JU
 Sample : N5607-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-01

Quant Time: Nov 18 03:18:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

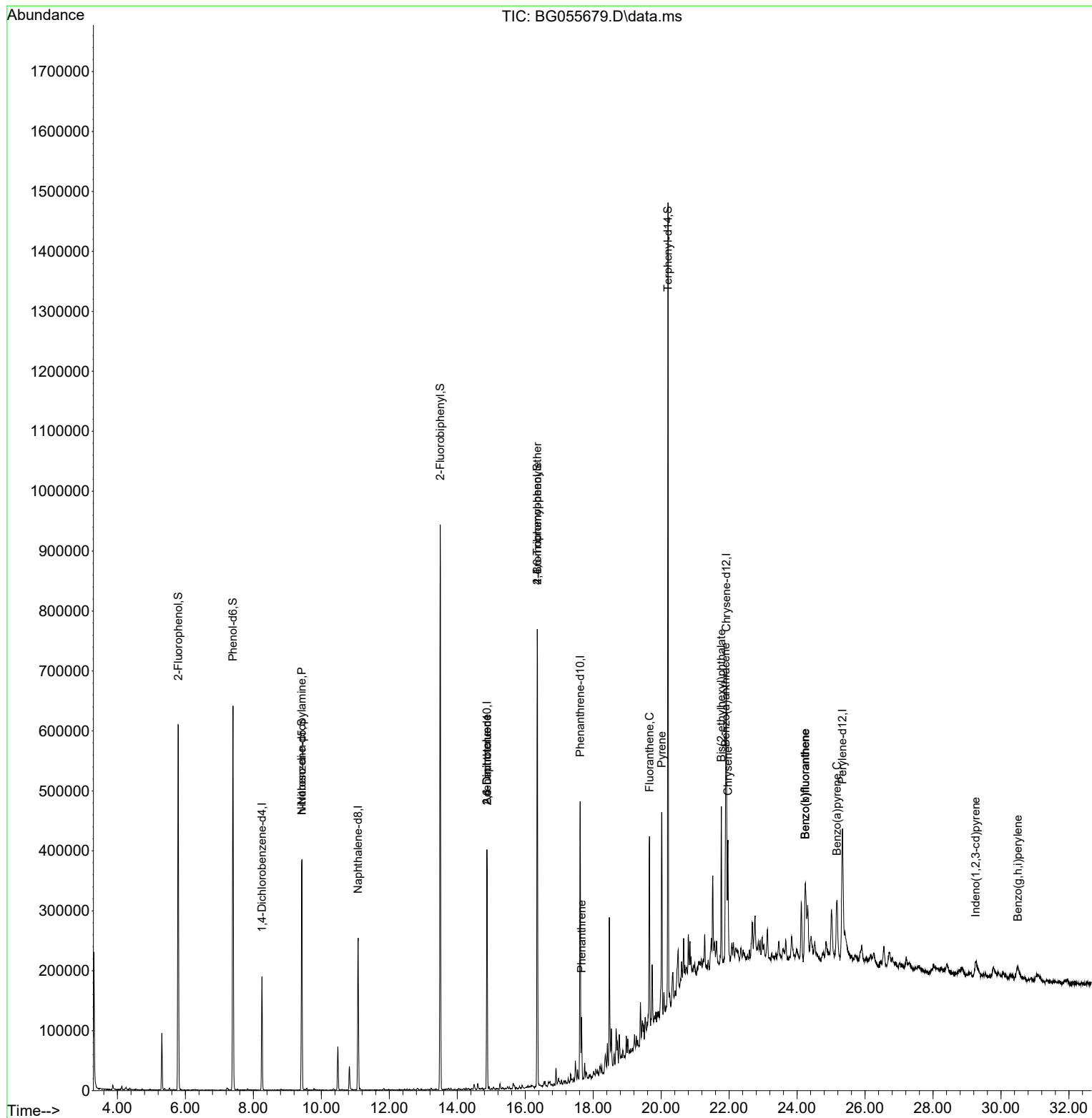
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	55041	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	221861	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	144826	20.000	ng	0.00
64) Phenanthrene-d10	17.617	188	301837	20.000	ng	0.00
76) Chrysene-d12	21.918	240	283369	20.000	ng	0.00
86) Perylene-d12	25.338	264	290376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	276994	90.963	ng	0.01
7) Phenol-d6	7.400	99	358089	88.340	ng	0.01
23) Nitrobenzene-d5	9.427	82	228179	54.360	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	161096	78.994	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	504102	52.146	ng	0.00
79) Terphenyl-d14	20.203	244	664972	46.936	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.427	70	30789	9.886	ng	# 75
51) 2,6-Dinitrotoluene	14.874	165	18983	8.042	ng	# 27
57) 2,4-Dinitrotoluene	14.874	165	18983	5.704	ng	# 25
67) 4-Bromophenyl-phenylether	16.354	248	10730	3.120	ng	# 1
71) Phenanthrene	17.658	178	63676	3.909	ng	100
75) Fluoranthene	19.656	202	196063	9.894	ng	99
78) Pyrene	20.015	202	229546	11.968	ng	98
81) Benzo(a)anthracene	21.895	228	153387	7.859	ng	99
83) Chrysene	21.965	228	157780	8.492	ng	98
84) Bis(2-ethylhexyl)phtha...	21.771	149	107308	9.944	ng	99
87) Indeno(1,2,3-cd)pyrene	29.257	276	62196	2.615	ng	# 90
88) Benzo(b)fluoranthene	24.239	252	203028	10.736	ng	# 97
89) Benzo(k)fluoranthene	24.239	252	203028	10.770	ng	# 96
90) Benzo(a)pyrene	25.173	252	136790	8.429	ng	96
92) Benzo(g,h,i)perylene	30.496	276	58803	3.001	ng	98

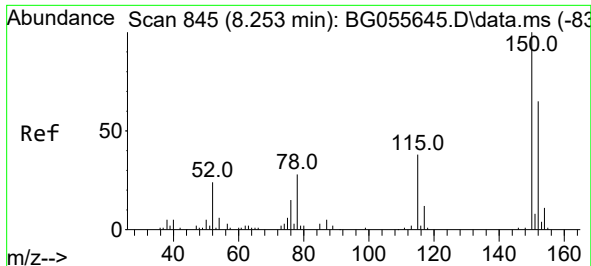
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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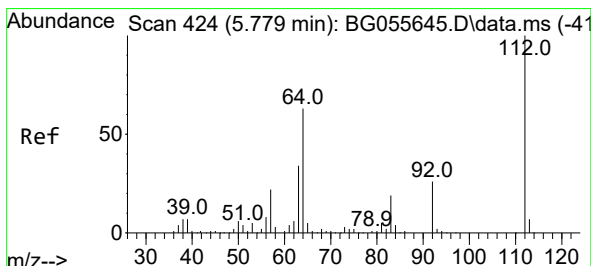
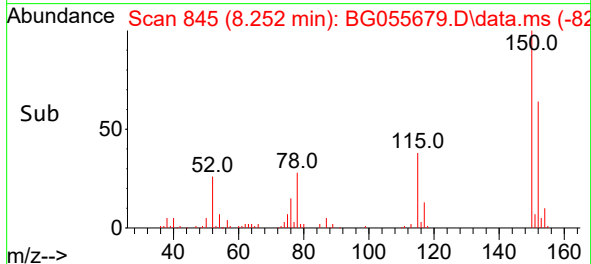
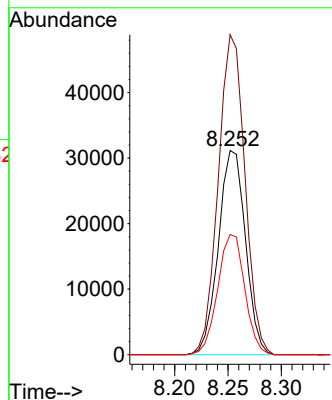
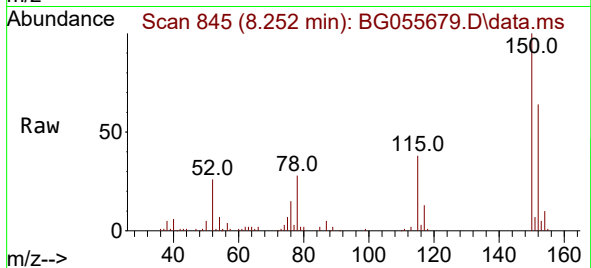




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

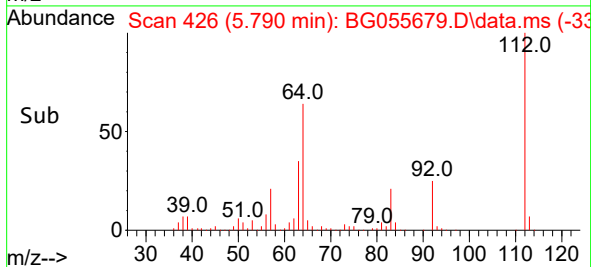
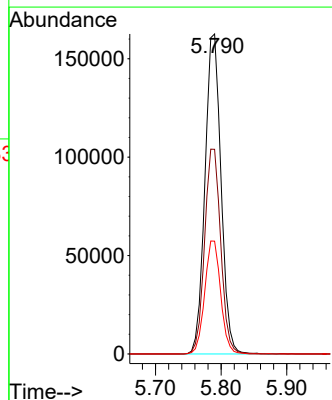
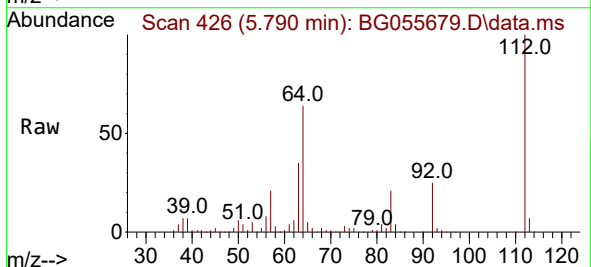
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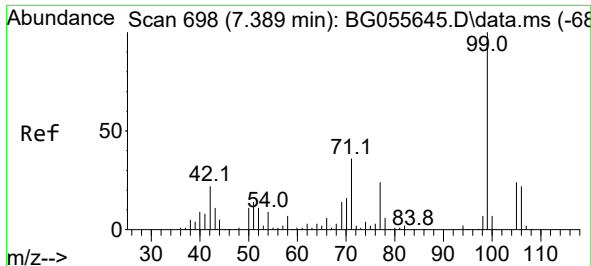
Tgt Ion:152 Resp: 55041
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.6
115 58.9 47.0 70.4



#5
2-Fluorophenol
Concen: 90.963 ng
RT: 5.790 min Scan# 426
Delta R.T. 0.011 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:112 Resp: 276994
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 35.3 27.5 41.3

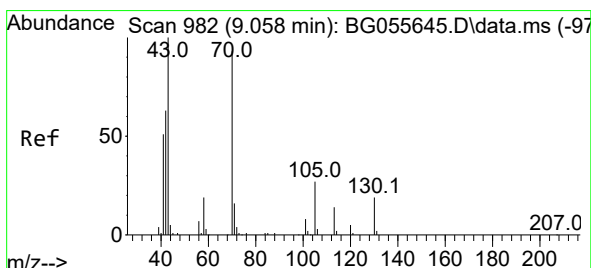
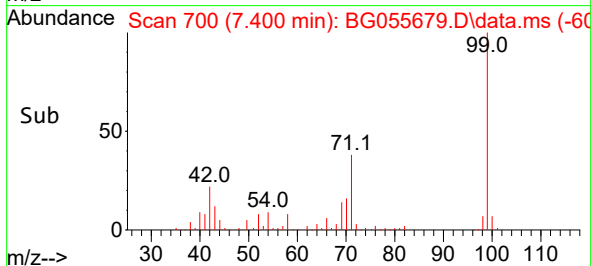
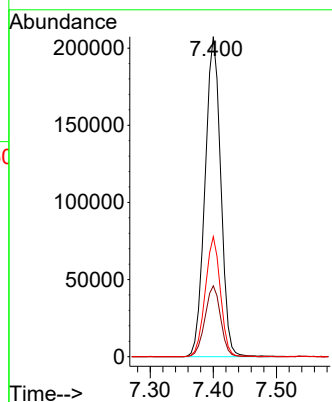
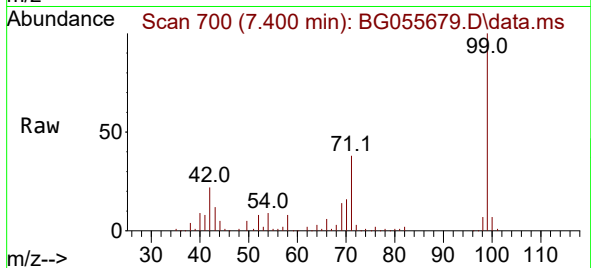




#7
Phenol-d6
Concen: 88.340 ng
RT: 7.400 min Scan# 70
Delta R.T. 0.011 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

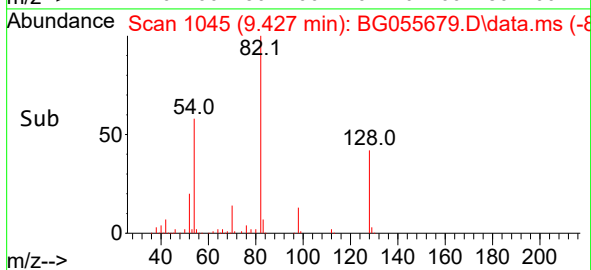
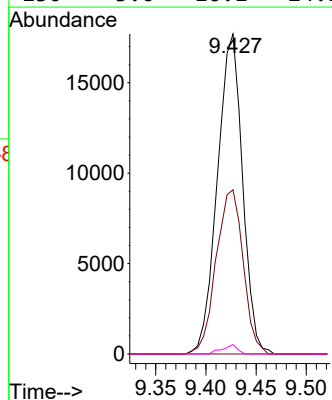
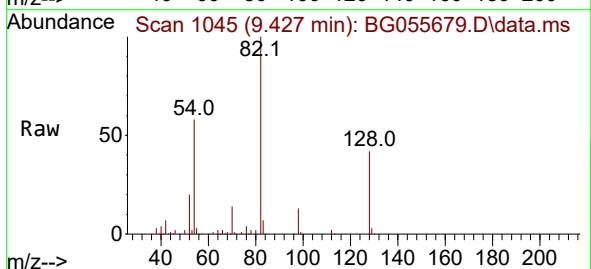
Instrument :
BNA_G
ClientSampleId :
SB-01

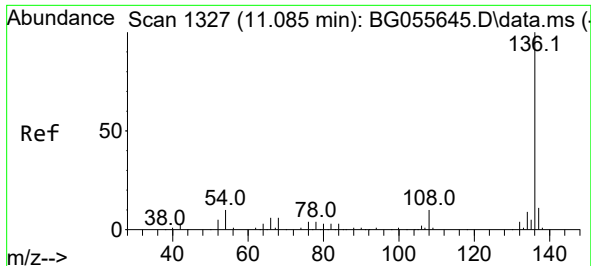
Tgt Ion: 99 Resp: 358089
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 37.5 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.886 ng
RT: 9.427 min Scan# 1045
Delta R.T. 0.369 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion: 70 Resp: 30789
Ion Ratio Lower Upper
70 100
42 51.3 55.2 82.8#
101 0.0 7.1 10.7#
130 3.0 16.1 24.1#

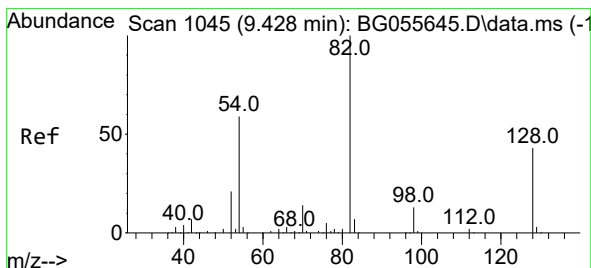
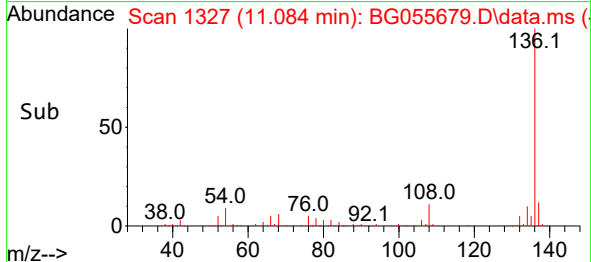
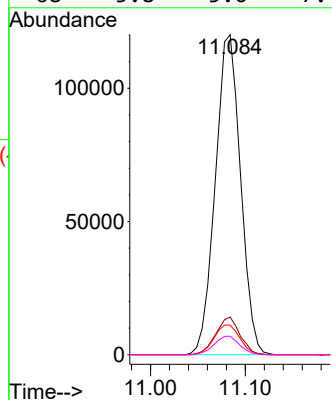
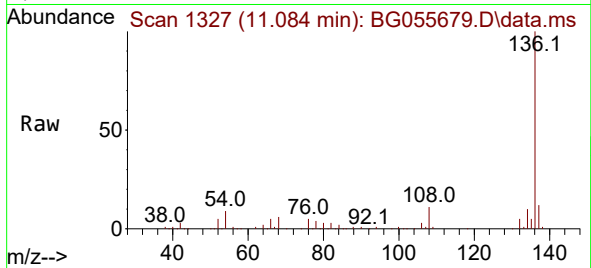




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

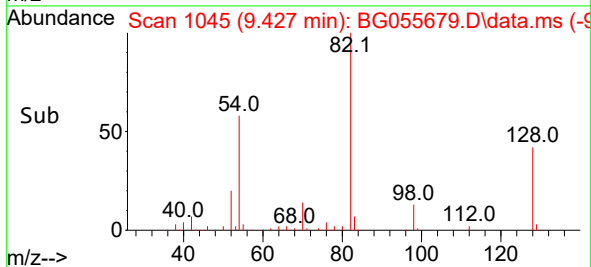
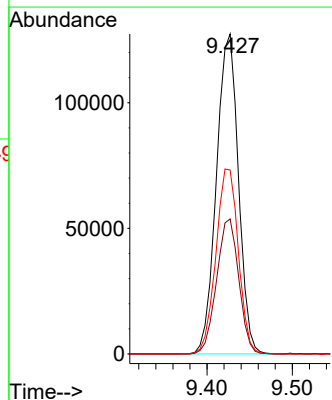
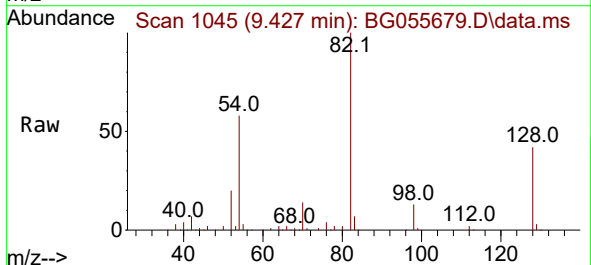
Instrument :
BNA_G
ClientSampleId :
SB-01

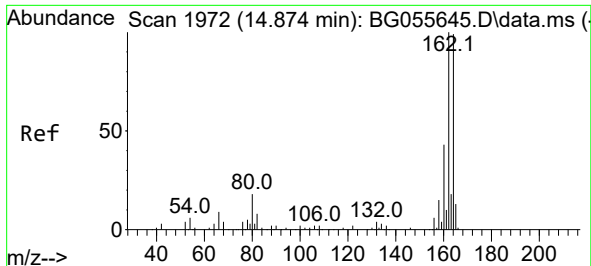
Tgt Ion:	136	Resp:	221861
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	9.3	7.8	11.6
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 54.360 ng
RT: 9.427 min Scan# 1045
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:	82	Resp:	228179
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.1	51.1
54	57.5	47.3	70.9

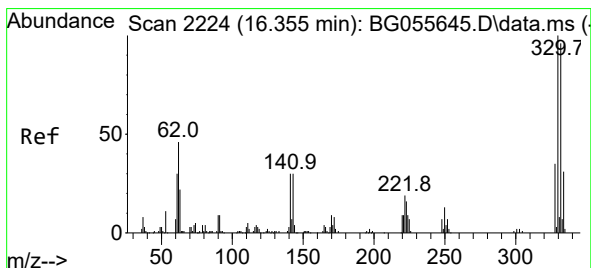
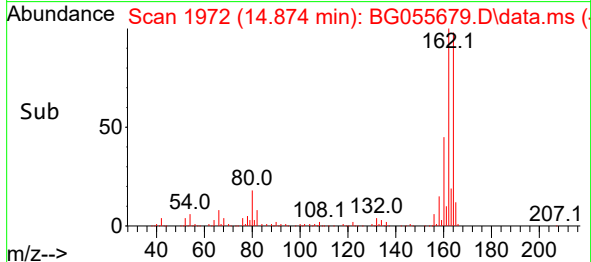
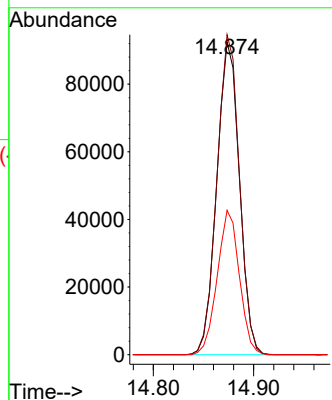
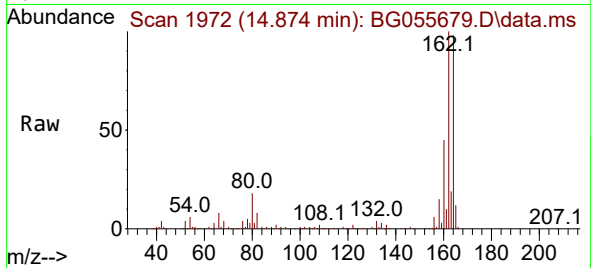




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

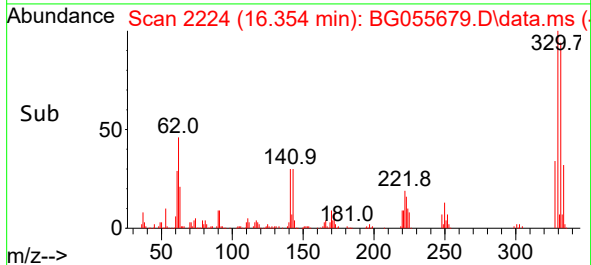
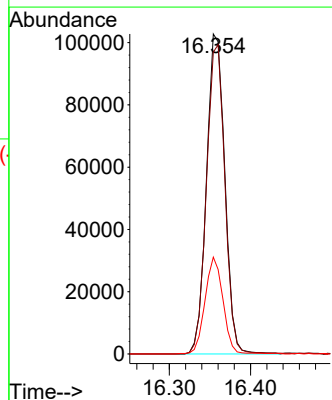
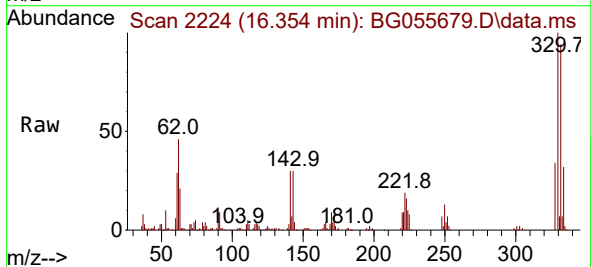
Instrument :
BNA_G
ClientSampleId :
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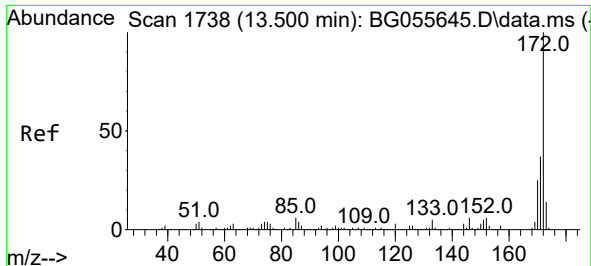
Tgt Ion:164 Resp: 144826
Ion Ratio Lower Upper
164 100
162 102.4 81.1 121.7
160 46.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 78.994 ng
RT: 16.354 min Scan# 2224
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:330 Resp: 161096
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 29.6 23.9 35.9

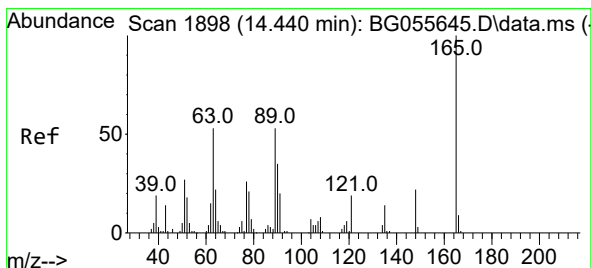
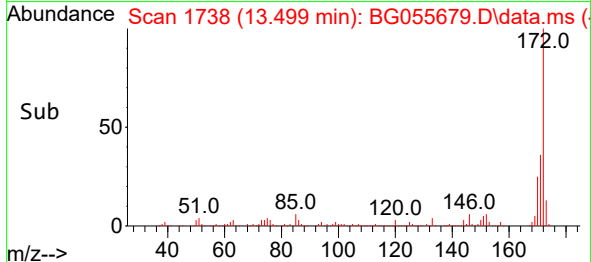
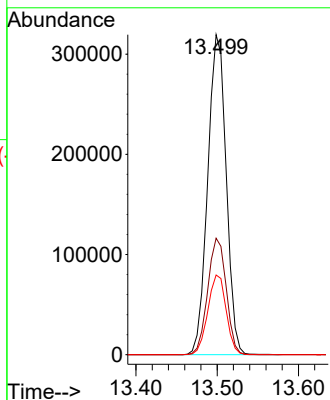
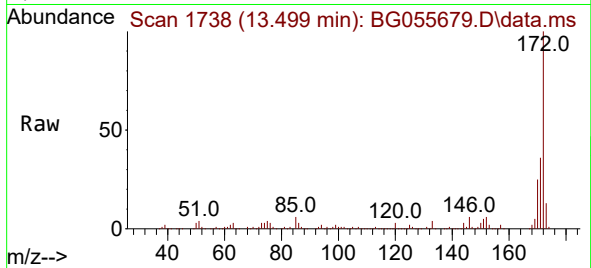




#45
2-Fluorobiphenyl
Concen: 52.146 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

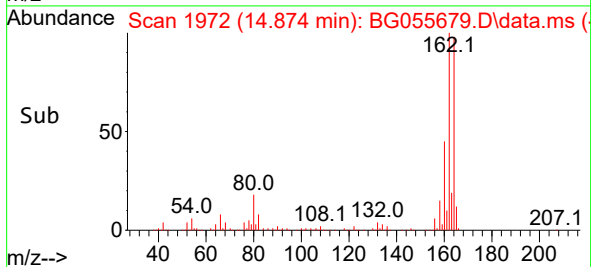
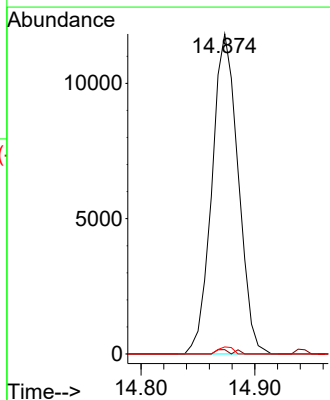
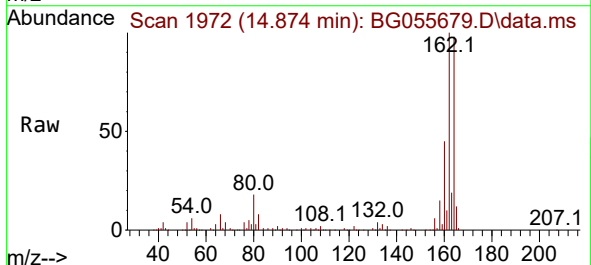
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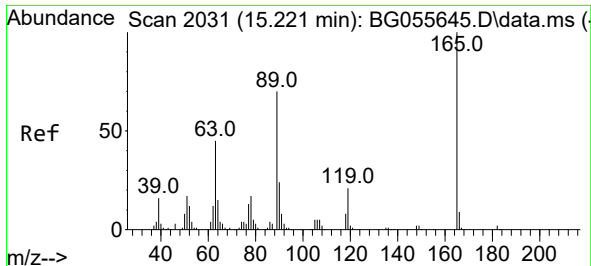
Tgt Ion:172 Resp: 504102
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.042 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:165 Resp: 18983
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 2.2 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.704 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.348 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

Instrument :

BNA_G

ClientSampleId :

SB-01

Tgt Ion:165 Resp: 18983

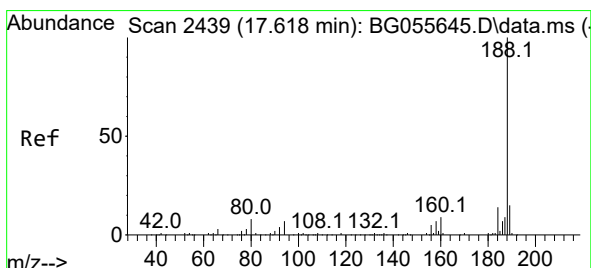
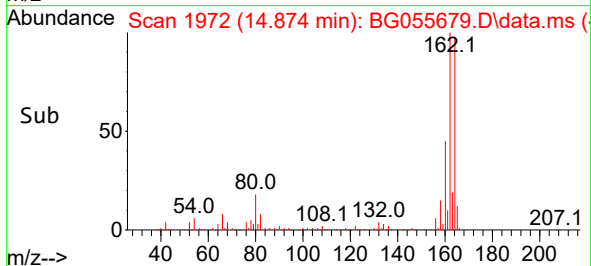
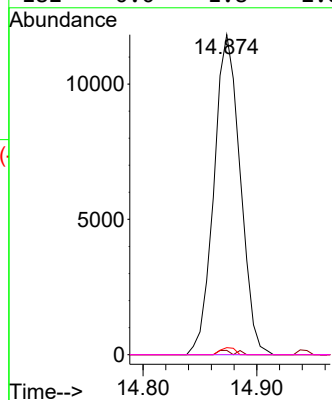
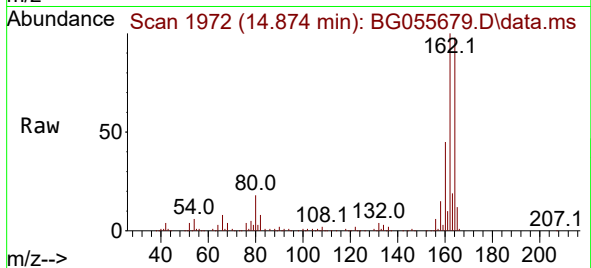
Ion Ratio Lower Upper

165 100

63 1.3 35.8 53.8#

89 2.2 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.617 min Scan# 2439

Delta R.T. -0.001 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

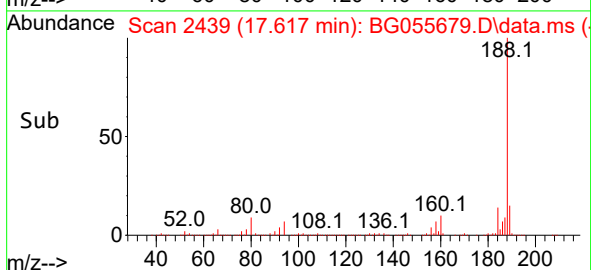
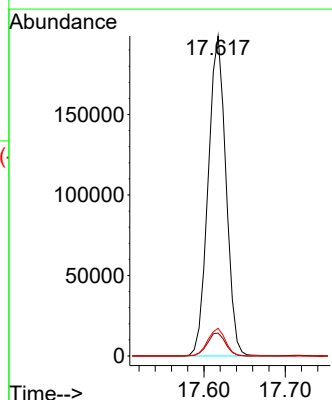
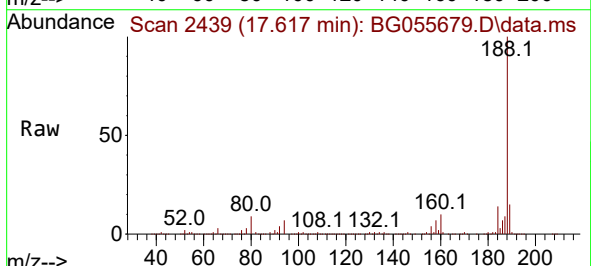
Tgt Ion:188 Resp: 301837

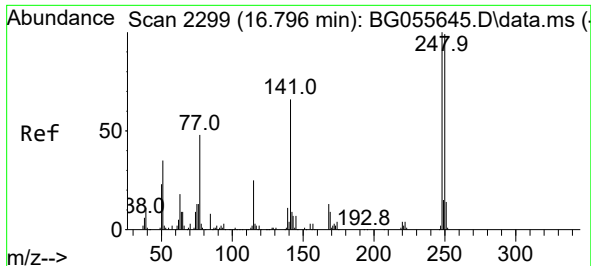
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 8.6 6.6 10.0

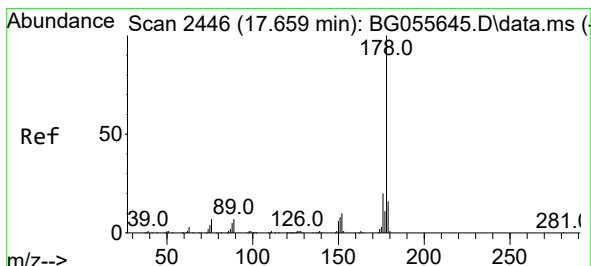
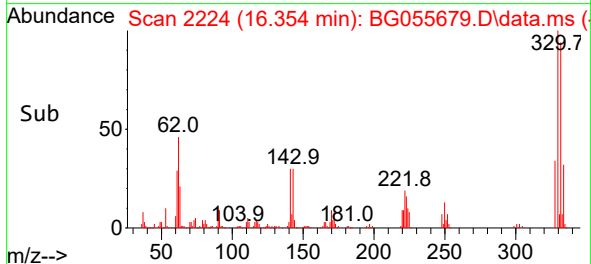
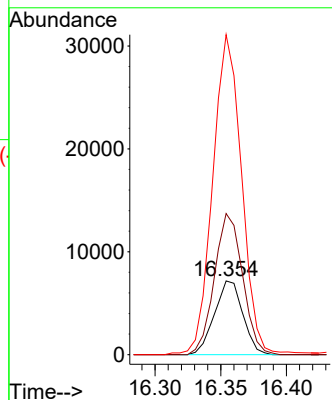
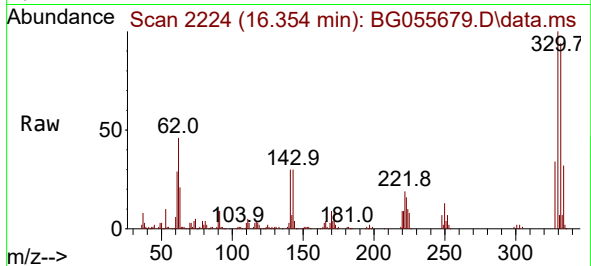




#67
4-Bromophenyl-phenylether
Concen: 3.120 ng
RT: 16.354 min Scan# 211
Delta R.T. -0.442 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

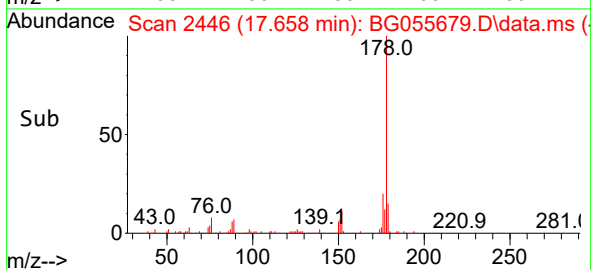
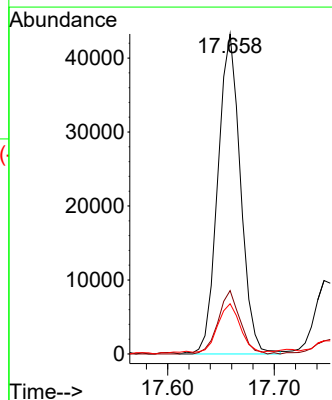
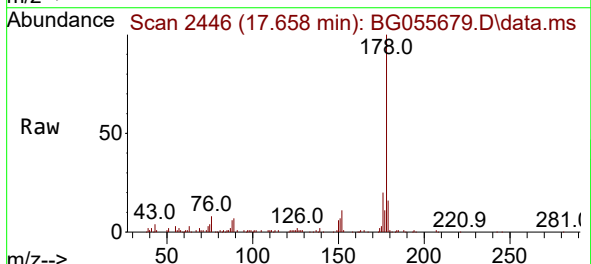
Instrument :
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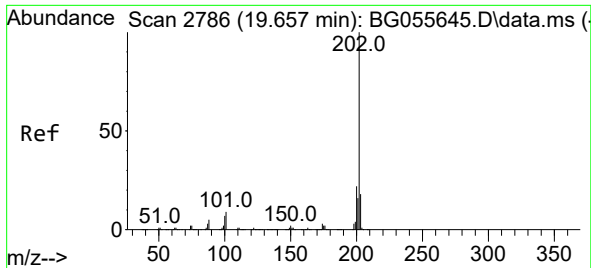
Tgt Ion:248 Resp: 10730
Ion Ratio Lower Upper
248 100
250 191.5 79.0 118.4#
141 434.1 52.9 79.3#



#71
Phenanthrene
Concen: 3.909 ng
RT: 17.658 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:178 Resp: 63676
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.7 12.7 19.1

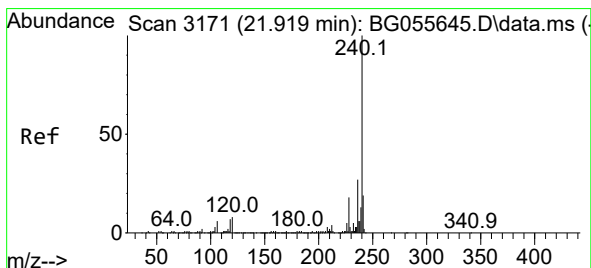
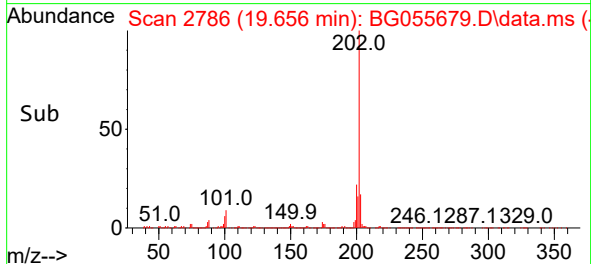
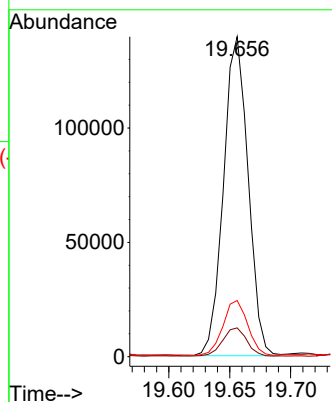
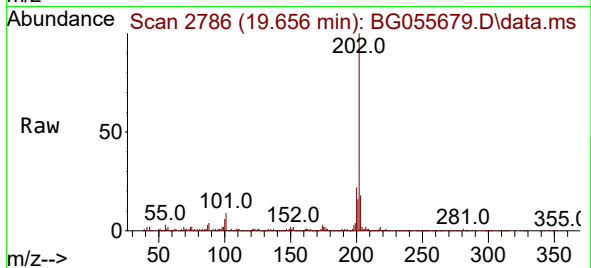




#75
Fluoranthene
Concen: 9.894 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

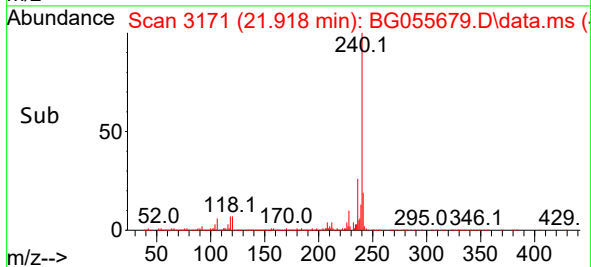
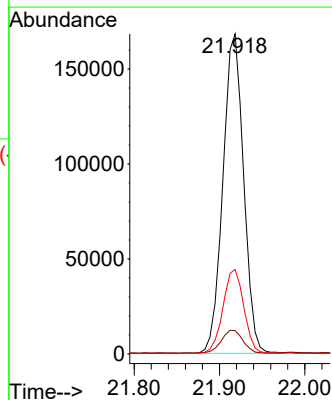
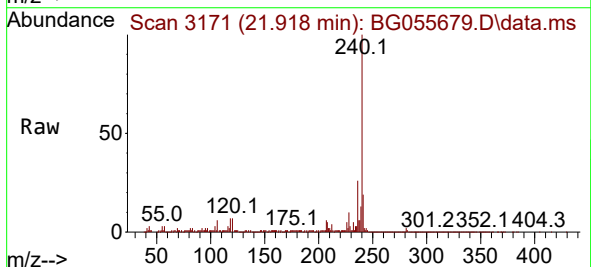
Instrument :
BNA_G
ClientSampleId :
SB-01

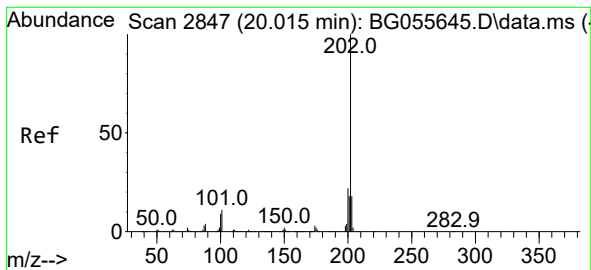
Tgt Ion:202 Resp: 196063
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3171
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:240 Resp: 283369
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.4 21.9 32.9





#78

Pyrene

Concen: 11.968 ng

RT: 20.015 min Scan# 2847

Delta R.T. -0.001 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

Instrument :

BNA_G

ClientSampleId :

SB-01

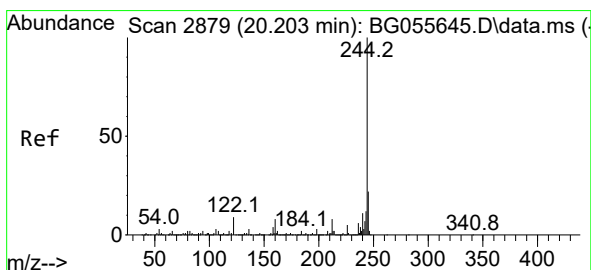
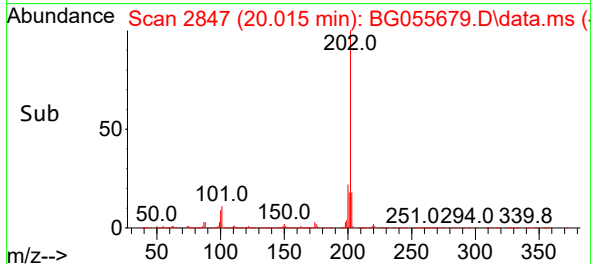
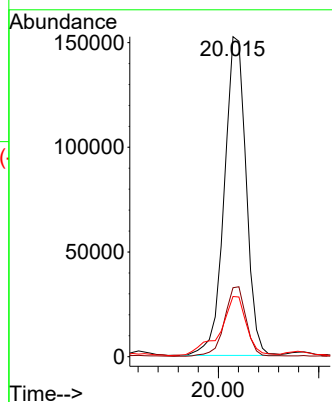
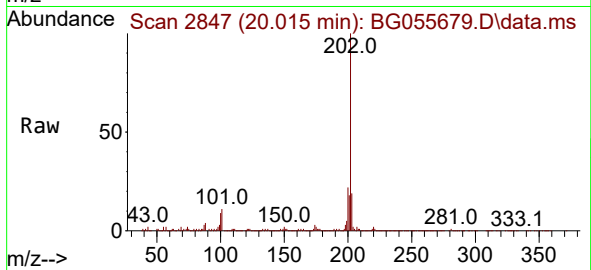
Tgt Ion:202 Resp: 229546

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

203 18.8 14.4 21.6



#79

Terphenyl-d14

Concen: 46.936 ng

RT: 20.203 min Scan# 2879

Delta R.T. -0.001 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

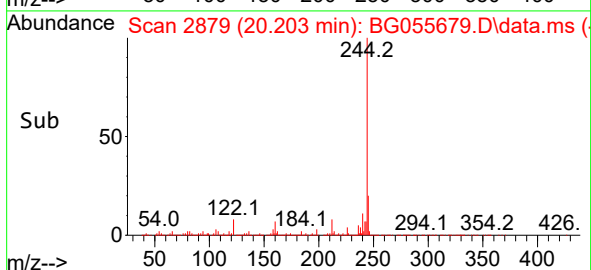
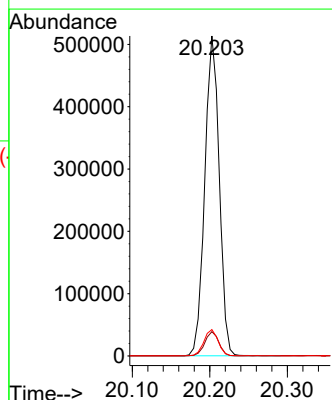
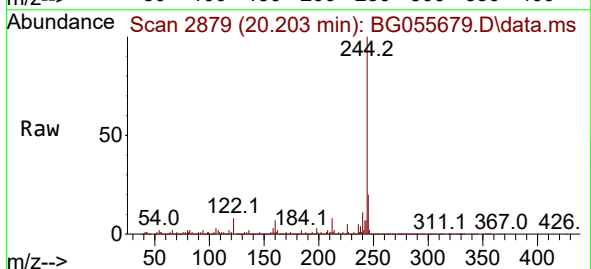
Tgt Ion:244 Resp: 664972

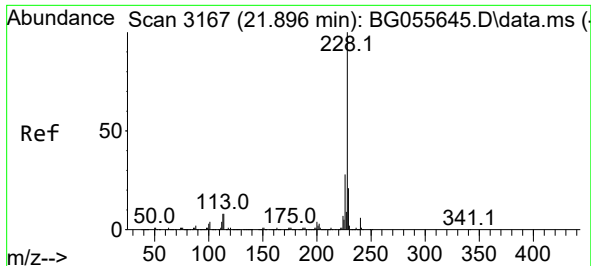
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 8.2 6.9 10.3

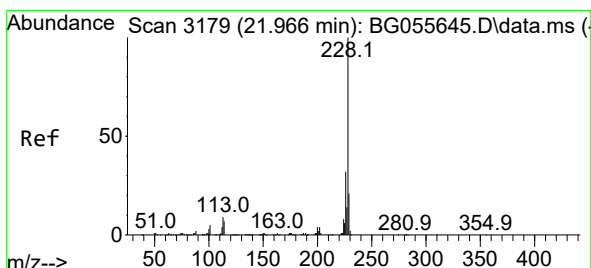
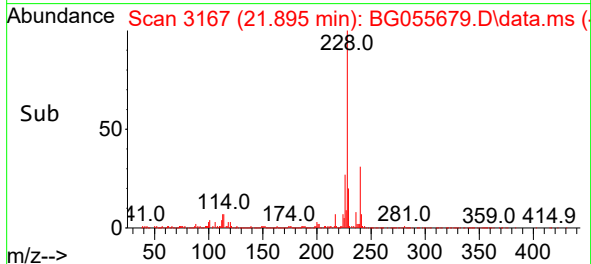
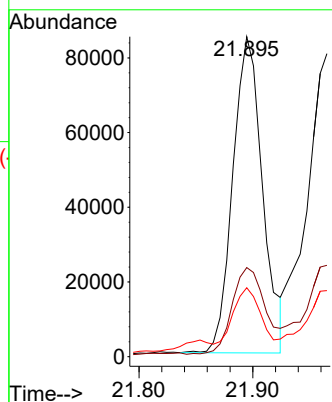
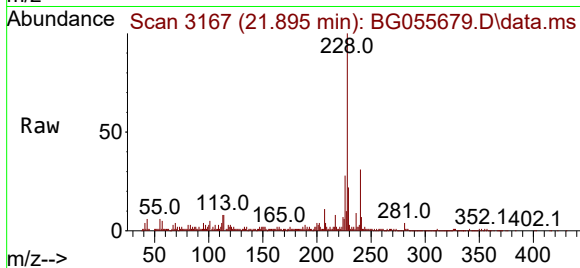




#81
Benzo(a)anthracene
Concen: 7.859 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

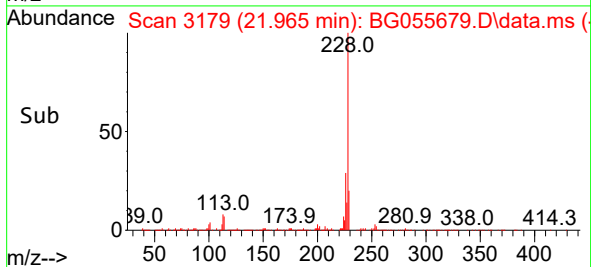
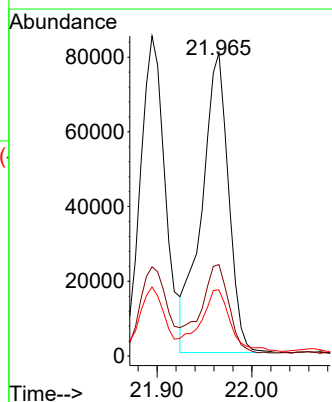
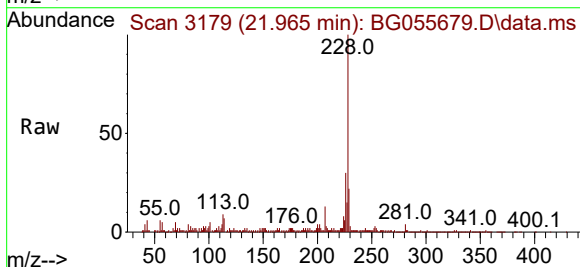
Instrument :
BNA_G
ClientSampleId :
SB-01

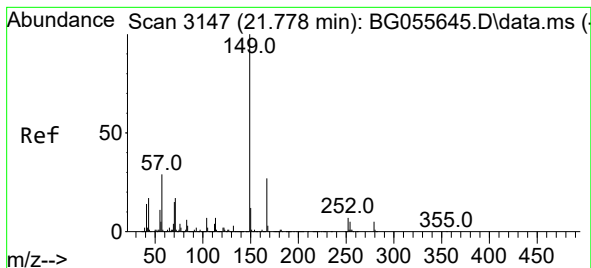
Tgt Ion:228 Resp: 153387
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 21.5 16.5 24.7



#83
Chrysene
Concen: 8.492 ng
RT: 21.965 min Scan# 3179
Delta R.T. -0.001 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:228 Resp: 157780
Ion Ratio Lower Upper
228 100
226 30.1 25.4 38.2
229 21.8 17.1 25.7

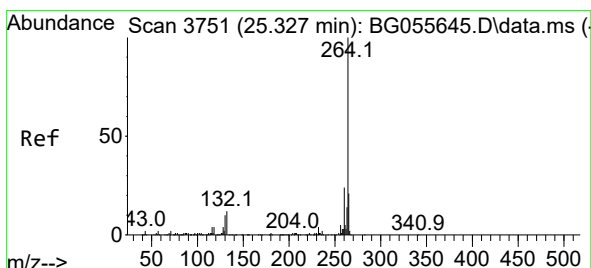
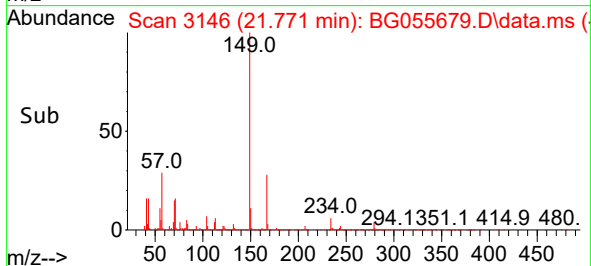
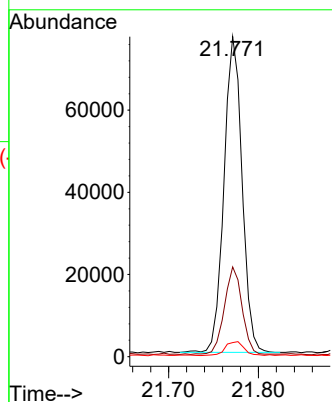
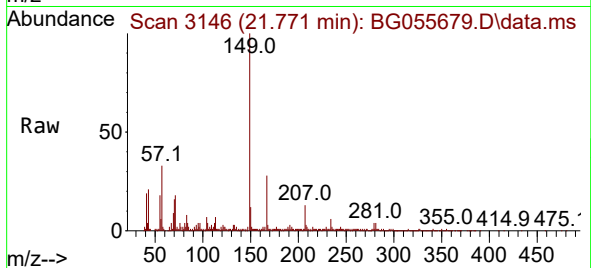




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.944 ng
RT: 21.771 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

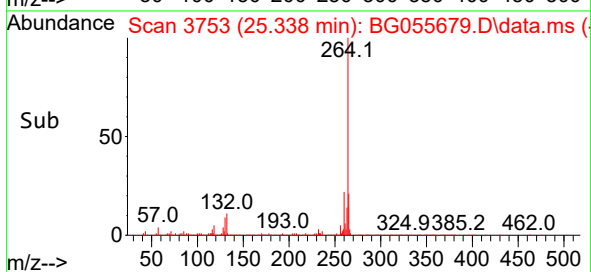
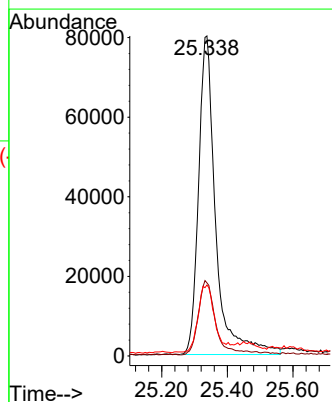
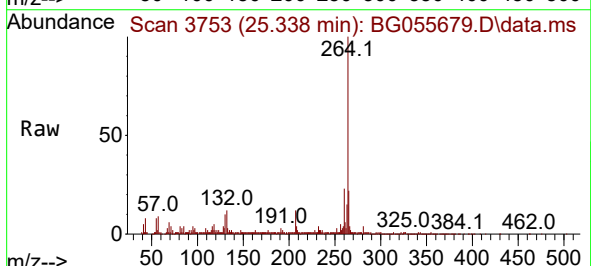
Instrument :
BNA_G
ClientSampleId :
SB-01

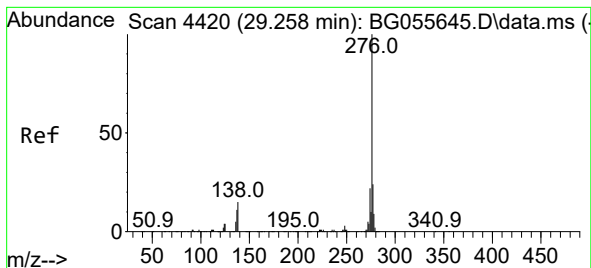
Tgt Ion:149 Resp: 107308
Ion Ratio Lower Upper
149 100
167 28.1 22.0 33.0
279 4.4 3.7 5.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3753
Delta R.T. 0.011 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:264 Resp: 290376
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 22.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.615 ng

RT: 29.257 min Scan# 4420

Delta R.T. -0.001 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

Instrument :

BNA_G

ClientSampleId :

SB-01

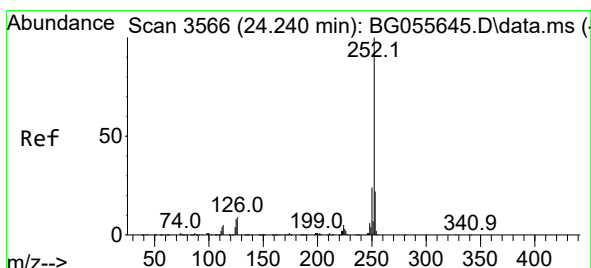
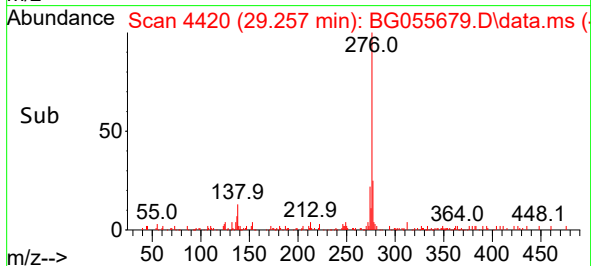
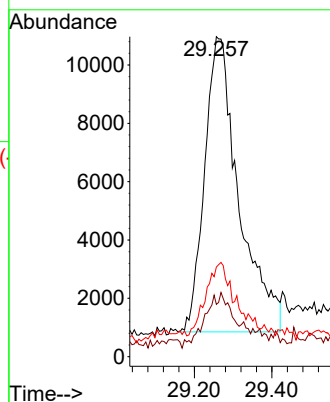
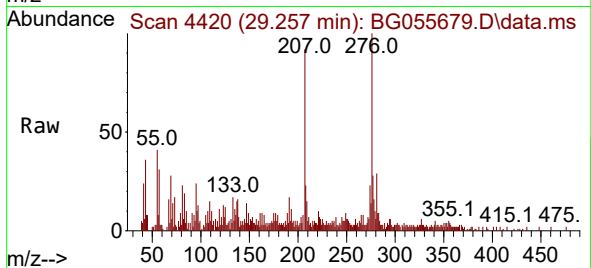
Tgt Ion:276 Resp: 62196

Ion Ratio Lower Upper

276 100

138 7.1 10.4 15.6#

277 21.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 10.736 ng

RT: 24.239 min Scan# 3566

Delta R.T. -0.001 min

Lab File: BG055679.D

Acq: 18 Nov 2022 00:07

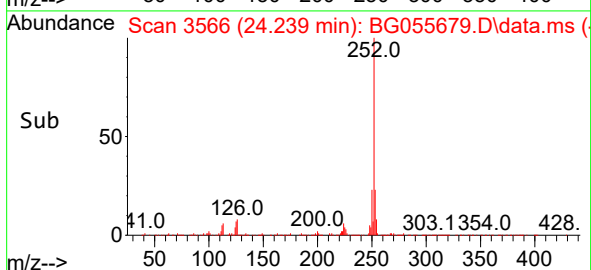
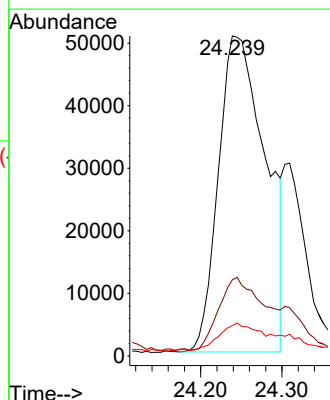
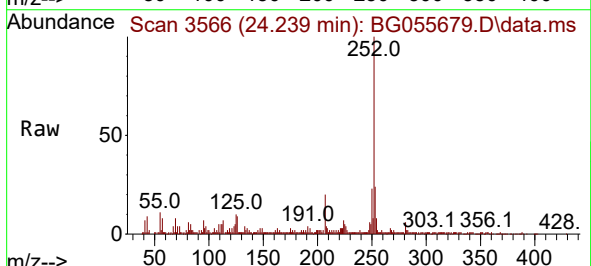
Tgt Ion:252 Resp: 203028

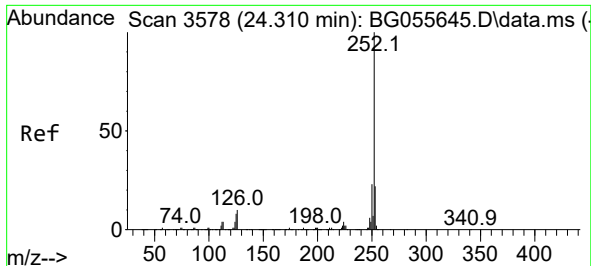
Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

125 9.5 6.2 9.2#

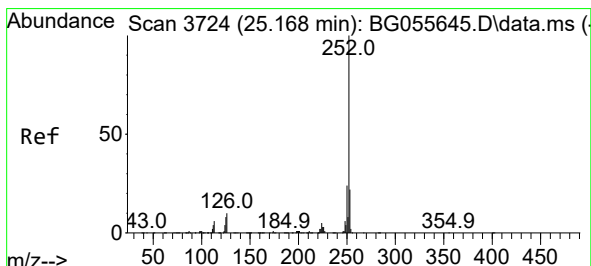
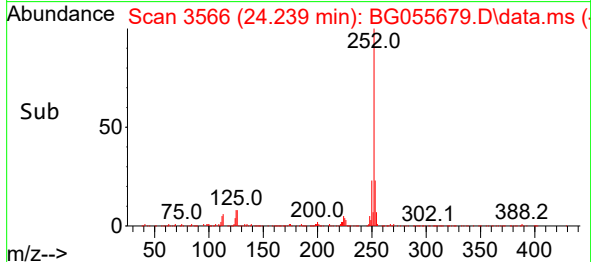
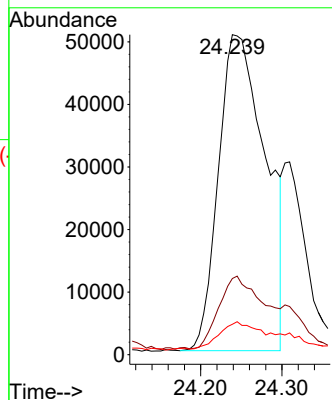
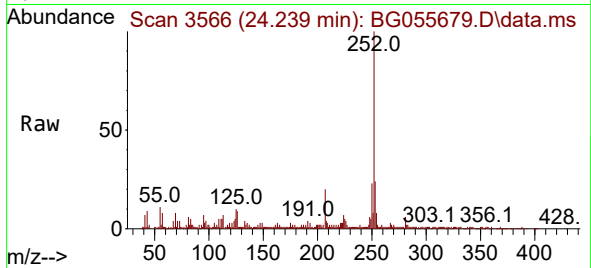




#89
Benzo(k)fluoranthene
Concen: 10.770 ng
RT: 24.239 min Scan# 3566
Delta R.T. -0.071 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

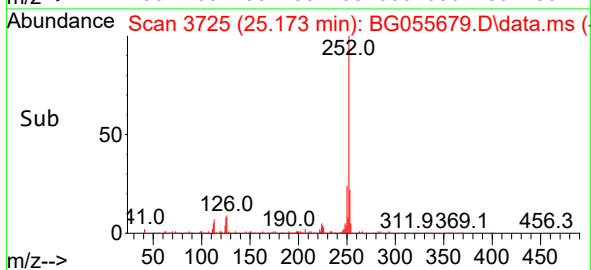
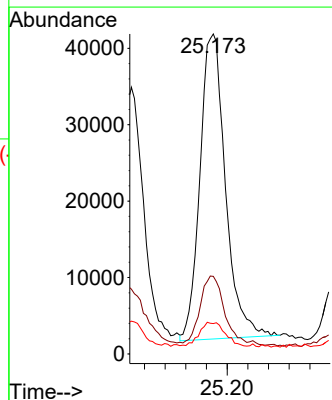
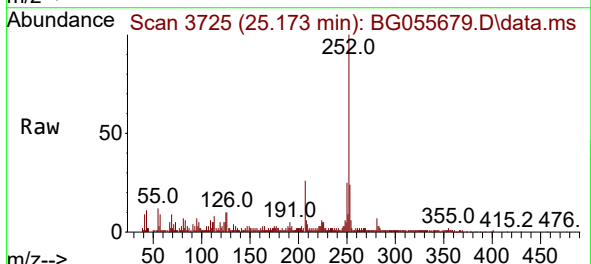
Instrument :
BNA_G
ClientSampleId :
SB-01

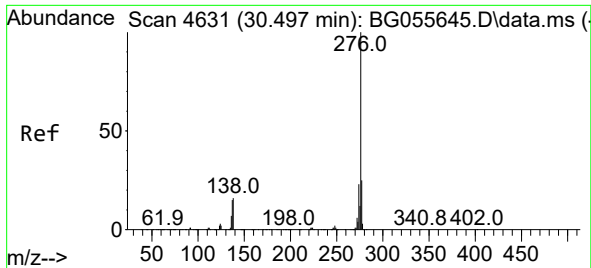
Tgt Ion:252 Resp: 203028
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 9.5 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 8.429 ng
RT: 25.173 min Scan# 3725
Delta R.T. 0.005 min
Lab File: BG055679.D
Acq: 18 Nov 2022 00:07

Tgt Ion:252 Resp: 136790
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 9.5 6.4 9.6





#92
 Benzo(g,h,i)perylene
 Concen: 3.001 ng
 RT: 30.496 min Scan# 4
 Delta R.T. -0.001 min
 Lab File: BG055679.D
 Acq: 18 Nov 2022 00:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-01

Tgt Ion:	276	Resp:	58803
Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.8	29.6
138	18.0	13.1	19.7

