

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055672.D
 Acq On : 17 Nov 2022 19:19
 Operator : CG/JU
 Sample : N5478-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-NYE-AVERE

Quant Time: Nov 18 03:16:39 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)

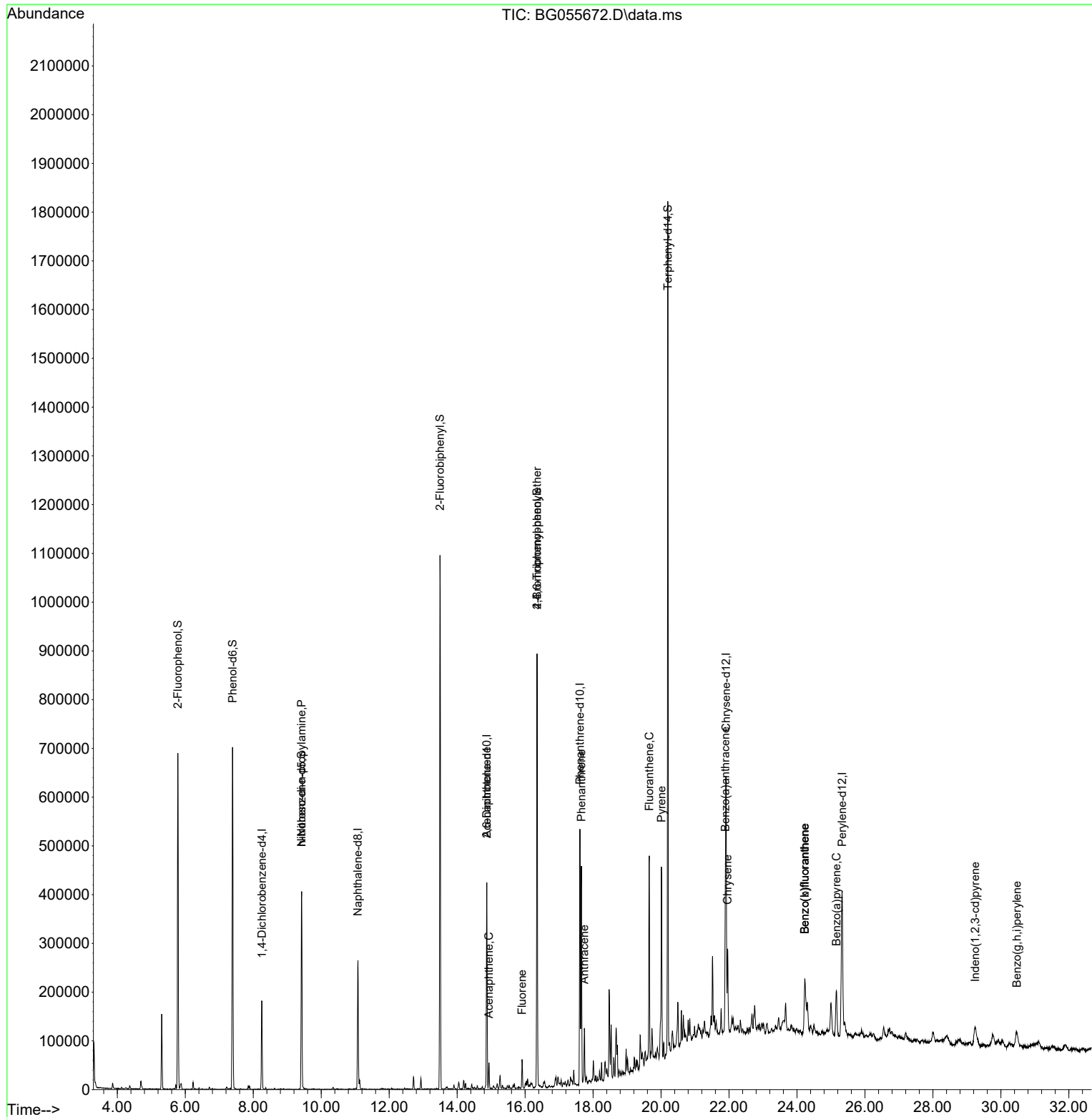
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	52265	20.000	ng	0.00
21) Naphthalene-d8	11.081	136	224164	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	154593	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	334739	20.000	ng	0.00
76) Chrysene-d12	21.910	240	318280	20.000	ng	0.00
86) Perylene-d12	25.329	264	338746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	293588	101.534	ng	0.00
7) Phenol-d6	7.391	99	390460	101.442	ng	0.00
23) Nitrobenzene-d5	9.424	82	242116	57.088	ng	0.00
42) 2,4,6-Tribromophenol	16.351	330	188249	86.477	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	576979	55.914	ng	0.00
79) Terphenyl-d14	20.200	244	881513	55.396	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.424	70	33093	11.190	ng	# 77
51) 2,6-Dinitrotoluene	14.871	165	20585	8.169	ng	# 26
52) Acenaphthene	14.935	154	18910	2.007	ng	98
58) Fluorene	15.911	166	26054	2.244	ng	98
67) 4-Bromophenyl-phenylether	16.351	248	12396	3.250	ng	# 1
71) Phenanthrene	17.656	178	289468	16.025	ng	99
72) Anthracene	17.744	178	71343	4.065	ng	97
75) Fluoranthene	19.653	202	269197	12.250	ng	99
78) Pyrene	20.012	202	264160	12.262	ng	99
81) Benzo(a)anthracene	21.892	228	141099	6.436	ng	99
83) Chrysene	21.957	228	133395	6.392	ng	99
87) Indeno(1,2,3-cd)pyrene	29.242	276	74213	2.674	ng	98
88) Benzo(b)fluoranthene	24.230	252	158074	7.165	ng	98
89) Benzo(k)fluoranthene	24.230	252	158074	7.188	ng	97
90) Benzo(a)pyrene	25.159	252	114171	6.031	ng	96
92) Benzo(g,h,i)perylene	30.470	276	68461	2.995	ng	99

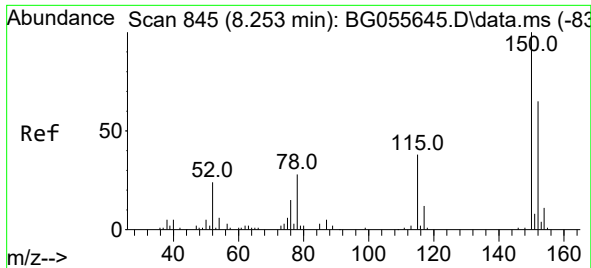
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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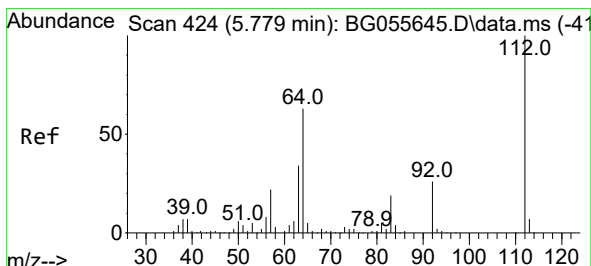
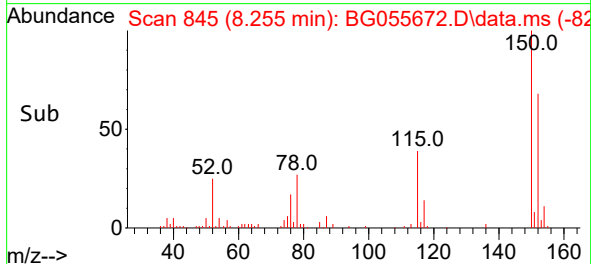
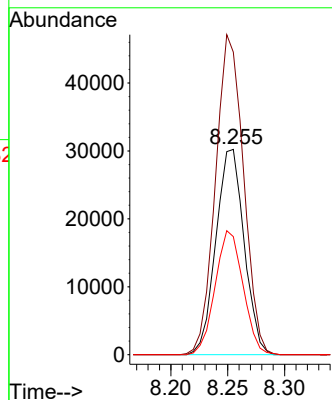
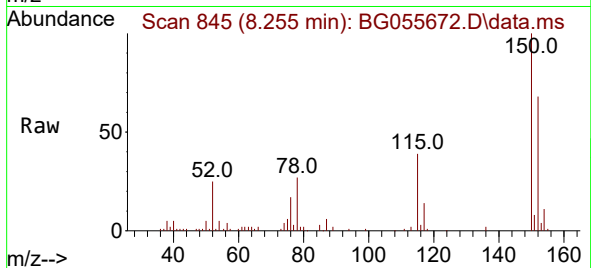




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.255 min Scan# 845
 Delta R.T. 0.002 min
 Lab File: BG055672.D
 Acq: 17 Nov 2022 19:19

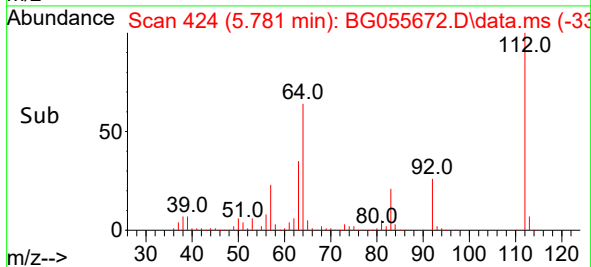
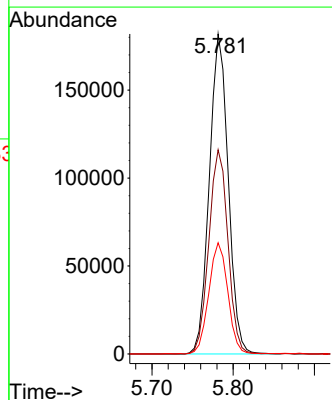
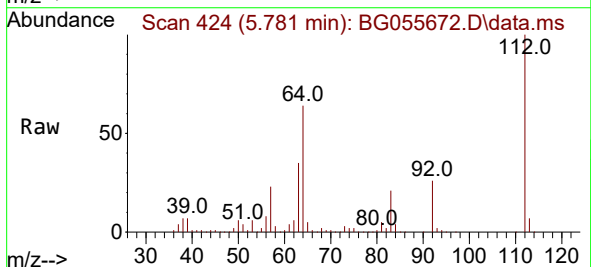
Instrument :
 BNA_G
 ClientSampleId :
 MH-NYE-AVERE

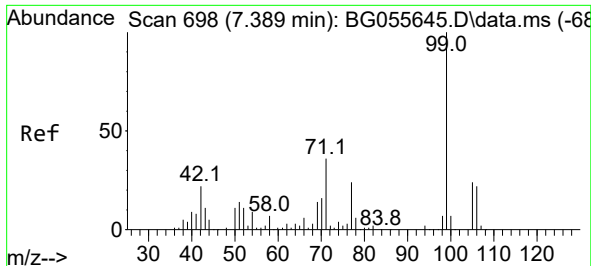
Tgt Ion:152 Resp: 52265
 Ion Ratio Lower Upper
 152 100
 150 147.3 123.0 184.6
 115 57.5 47.0 70.4



#5
 2-Fluorophenol
 Concen: 101.534 ng
 RT: 5.781 min Scan# 424
 Delta R.T. 0.002 min
 Lab File: BG055672.D
 Acq: 17 Nov 2022 19:19

Tgt Ion:112 Resp: 293588
 Ion Ratio Lower Upper
 112 100
 64 63.8 50.6 76.0
 63 34.8 27.5 41.3

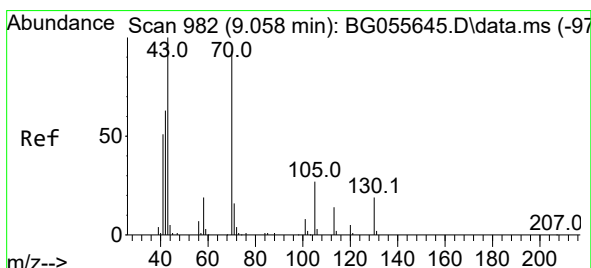
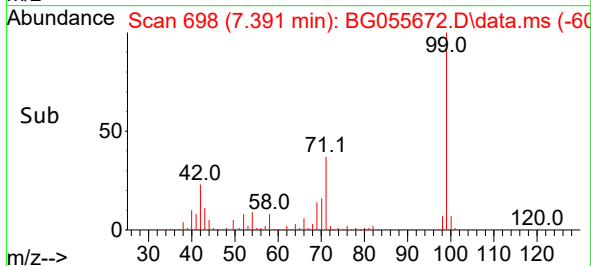
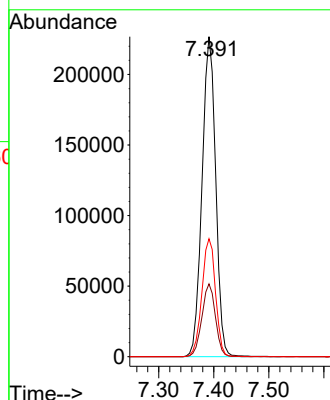
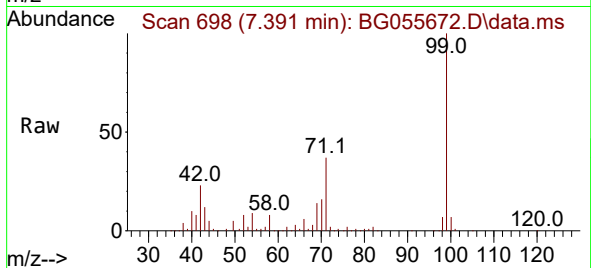




#7
Phenol-d6
Concen: 101.442 ng
RT: 7.391 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

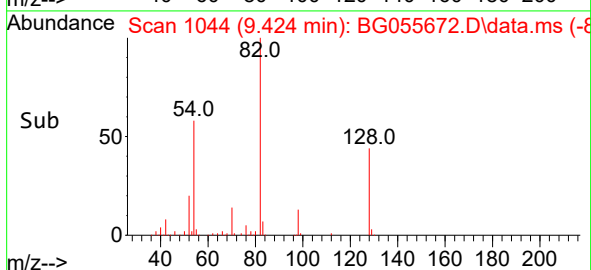
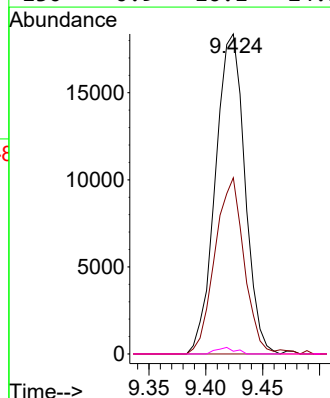
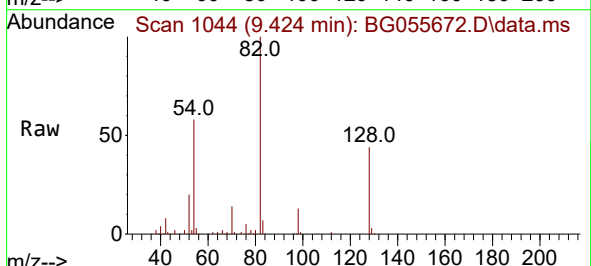
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVERE

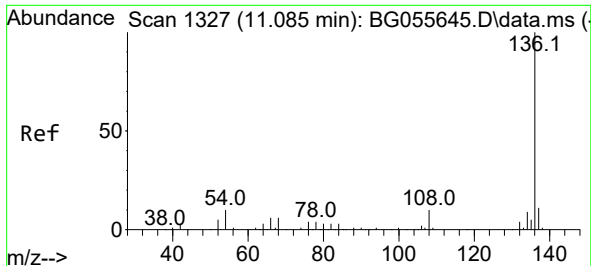
Tgt Ion: 99 Resp: 390460
Ion Ratio Lower Upper
99 100
42 22.7 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.190 ng
RT: 9.424 min Scan# 1044
Delta R.T. 0.367 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion: 70 Resp: 33093
Ion Ratio Lower Upper
70 100
42 55.0 55.2 82.8#
101 0.0 7.1 10.7#
130 0.9 16.1 24.1#

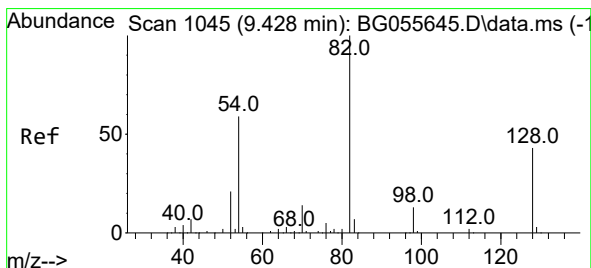
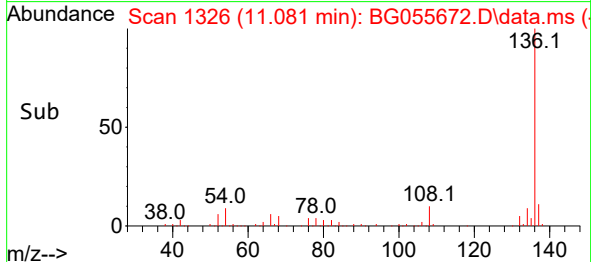
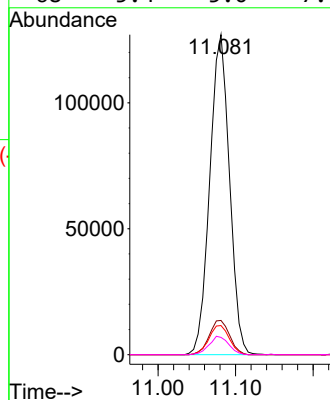
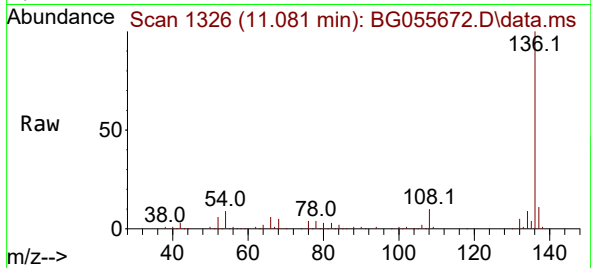




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.081 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

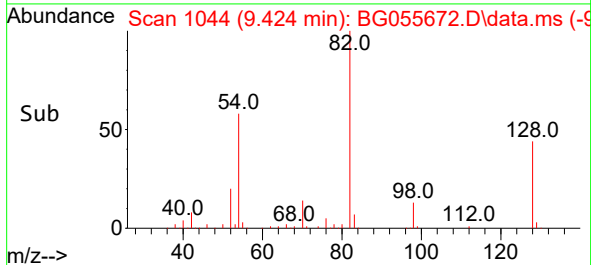
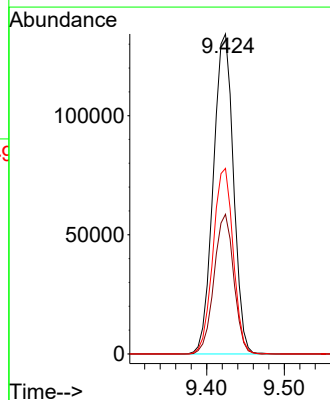
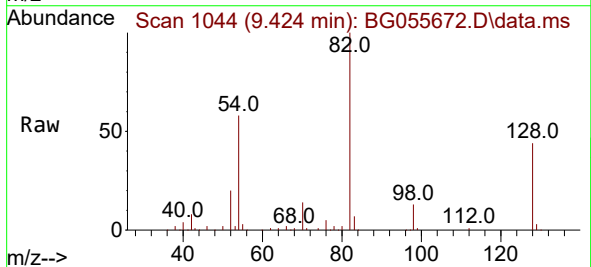
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVERE

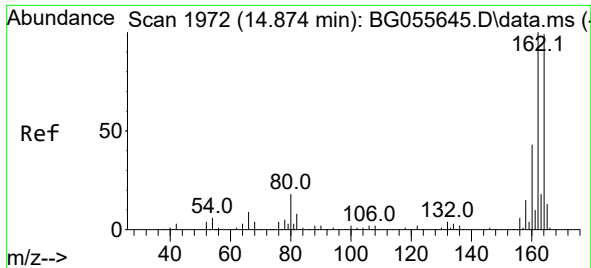
Tgt Ion:	136	Resp:	224164
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	9.1	7.8	11.6
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 57.088 ng
RT: 9.424 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:	82	Resp:	242116
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.1	51.1
54	58.0	47.3	70.9

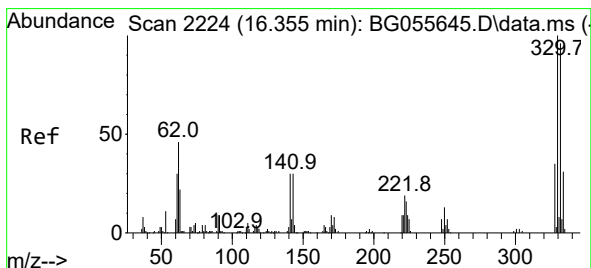
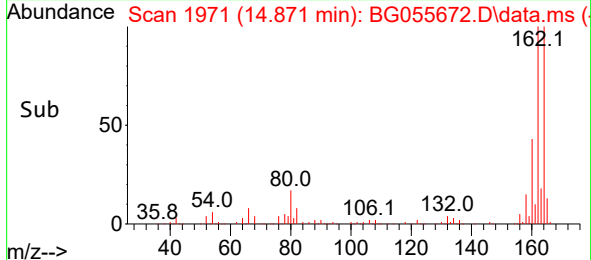
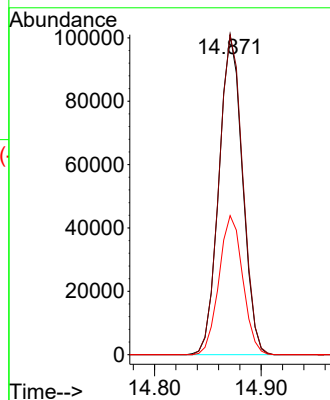
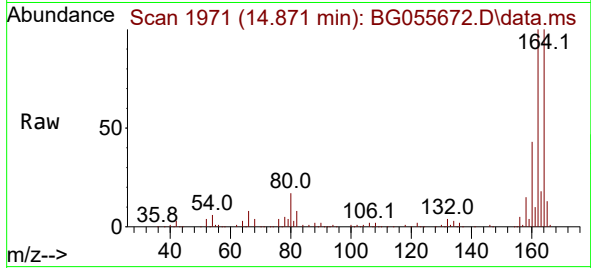




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

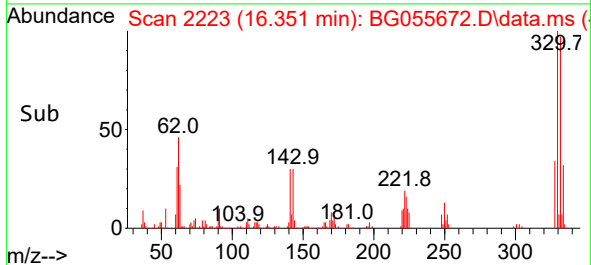
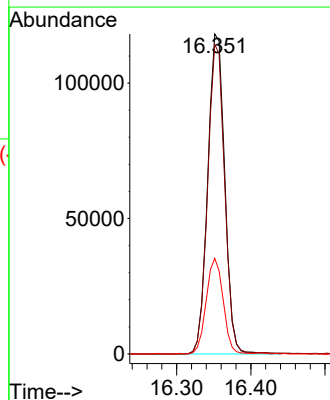
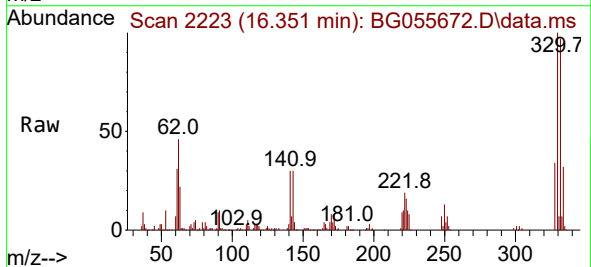
Instrument :
BNA_G
ClientSampleId :
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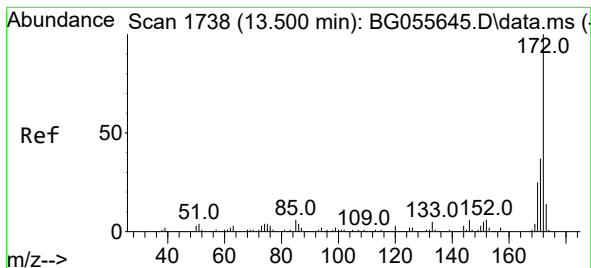
Tgt Ion:164 Resp: 154593
Ion Ratio Lower Upper
164 100
162 100.0 81.1 121.7
160 43.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 86.477 ng
RT: 16.351 min Scan# 2223
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:330 Resp: 188249
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 29.7 23.9 35.9

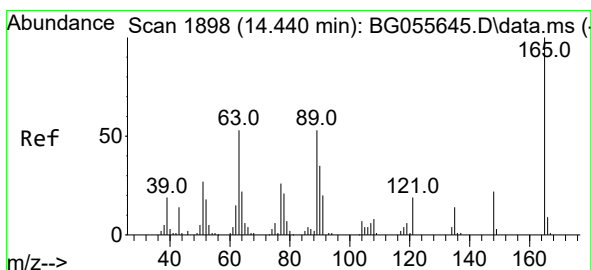
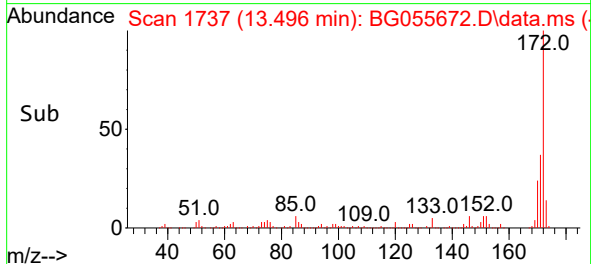
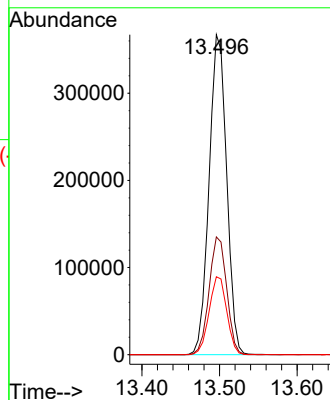
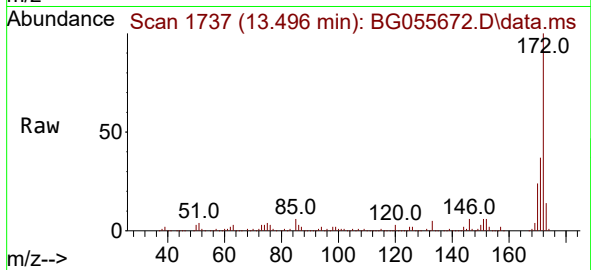




#45
2-Fluorobiphenyl
Concen: 55.914 ng
RT: 13.496 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

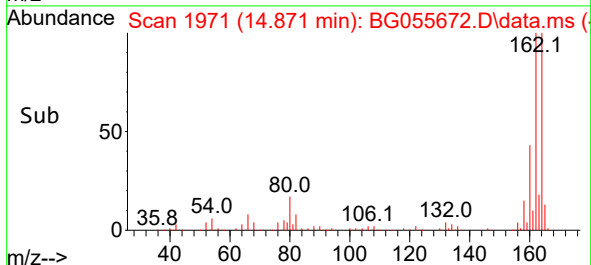
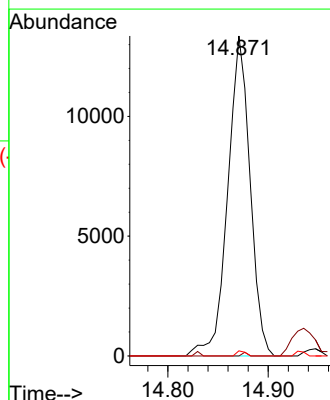
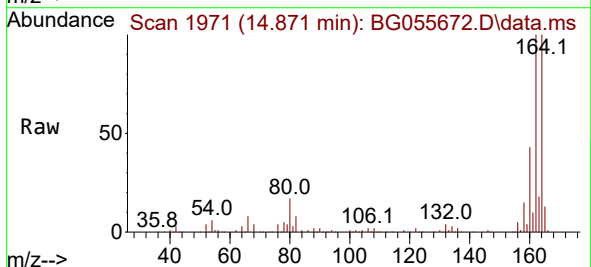
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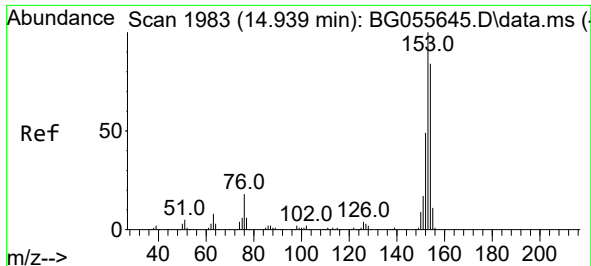
Tgt Ion:172 Resp: 576979
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.169 ng
RT: 14.871 min Scan# 1971
Delta R.T. 0.431 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:165 Resp: 20585
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.6 42.2 63.4#

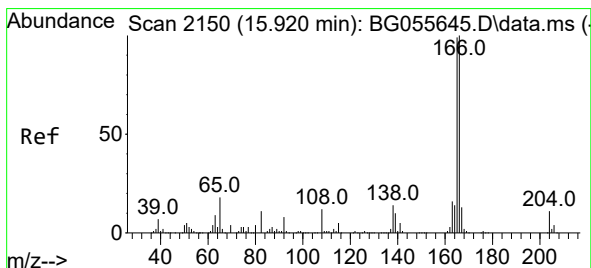
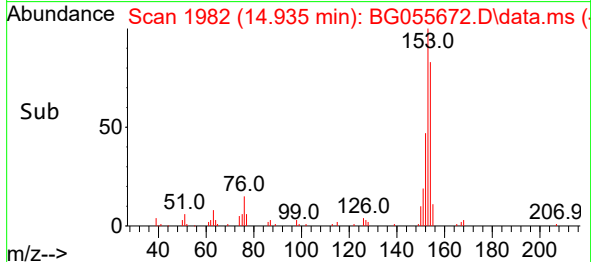
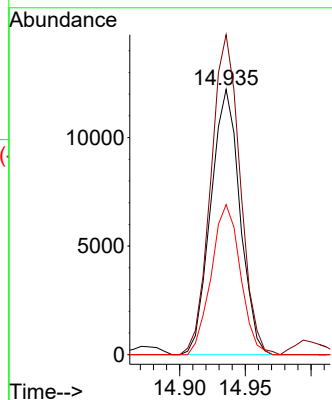
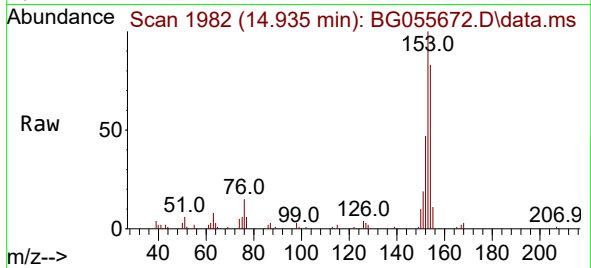




#52
Acenaphthene
Concen: 2.007 ng
RT: 14.935 min Scan# 1983
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

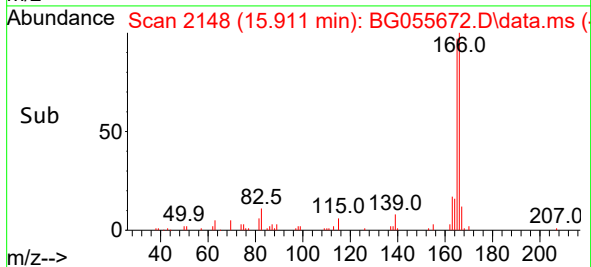
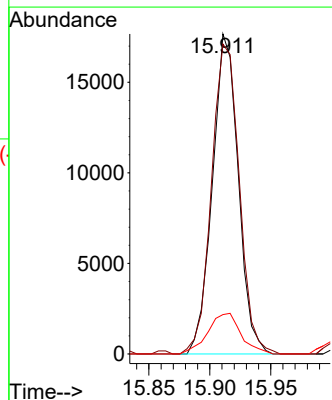
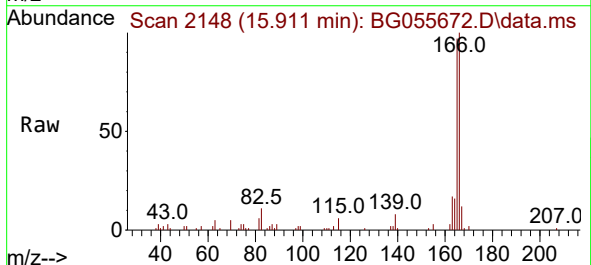
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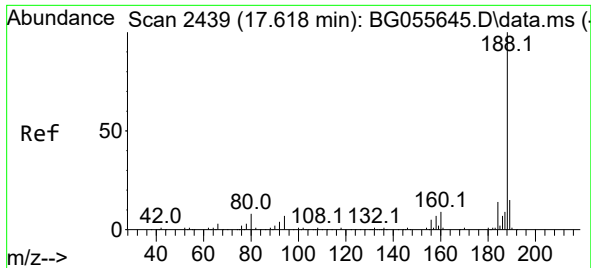
Tgt Ion:154 Resp: 18910
Ion Ratio Lower Upper
154 100
153 120.6 95.0 142.4
152 56.6 46.1 69.1



#58
Fluorene
Concen: 2.244 ng
RT: 15.911 min Scan# 2148
Delta R.T. -0.009 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:166 Resp: 26054
Ion Ratio Lower Upper
166 100
165 96.8 79.3 118.9
167 12.3 10.6 15.8

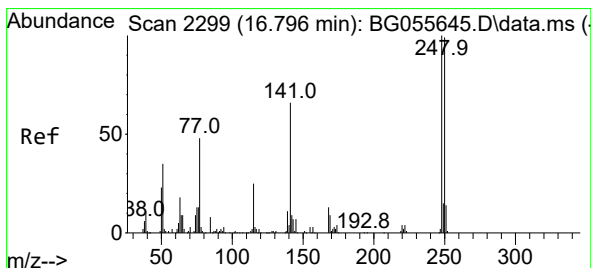
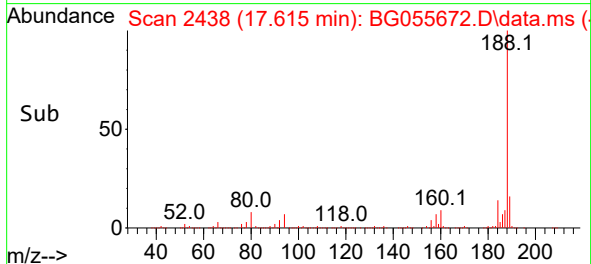
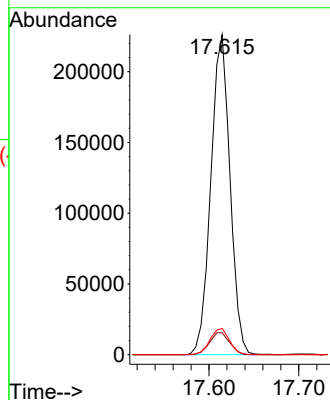
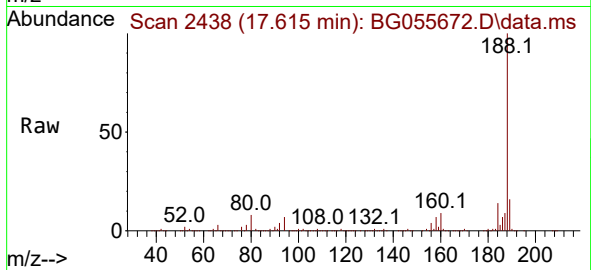




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

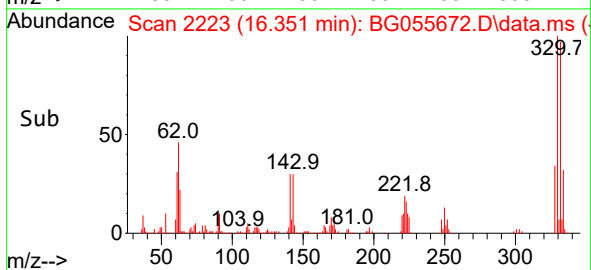
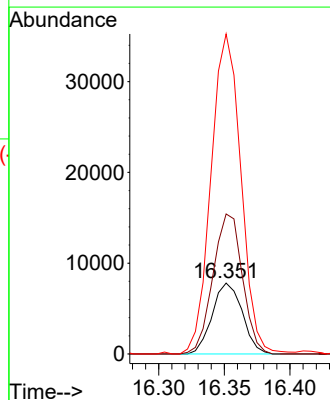
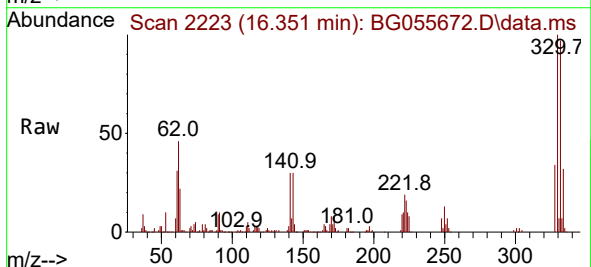
Instrument :
BNA_G
ClientSampleId :
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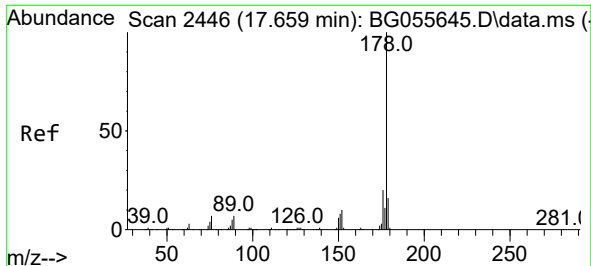
Tgt Ion:188 Resp: 334739
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.2 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.250 ng
RT: 16.351 min Scan# 2223
Delta R.T. -0.444 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:248 Resp: 12396
Ion Ratio Lower Upper
248 100
250 197.5 79.0 118.4#
141 451.3 52.9 79.3#

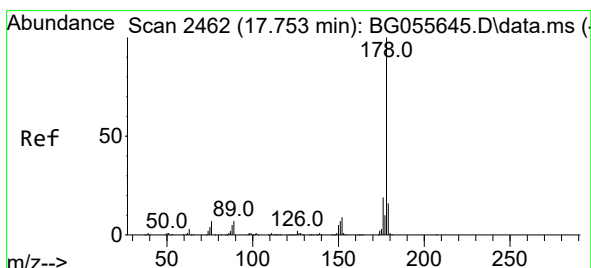
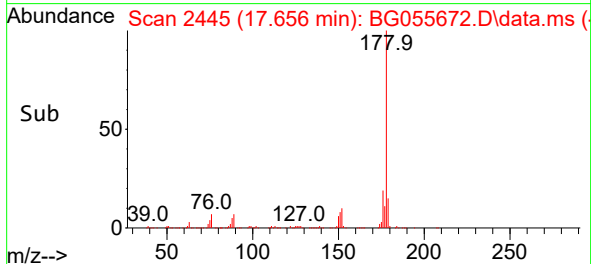
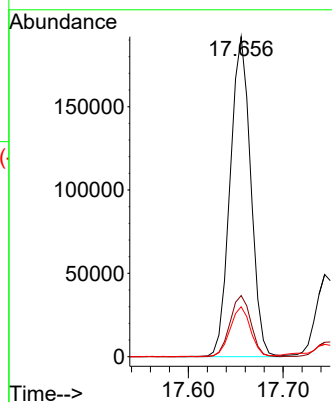
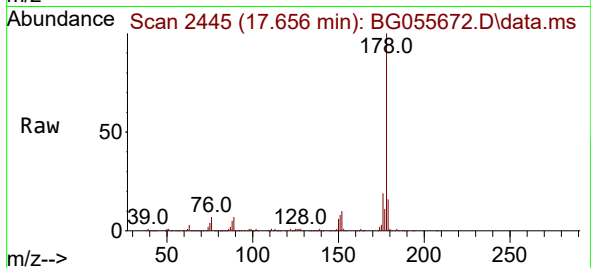




#71
Phenanthrene
Concen: 16.025 ng
RT: 17.656 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

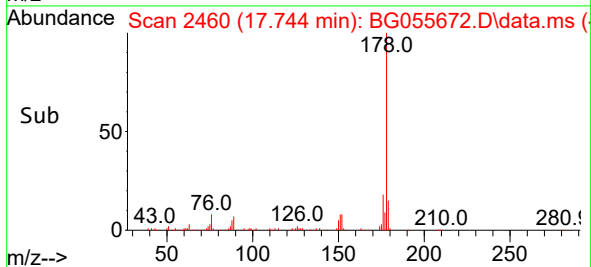
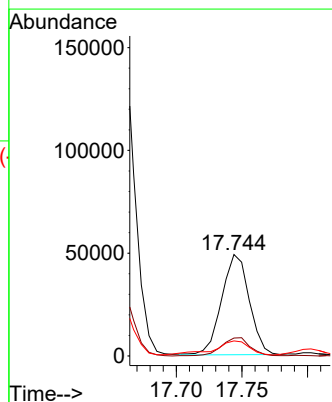
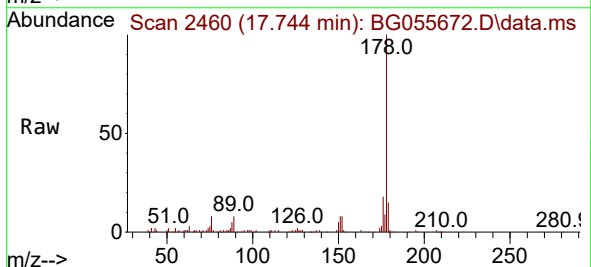
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVERE

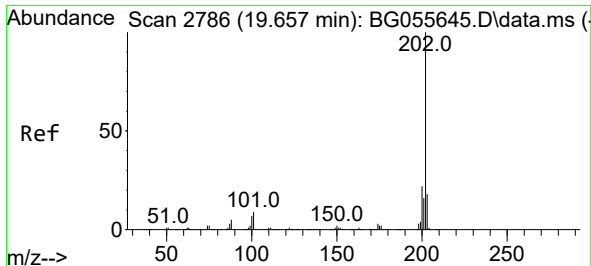
Tgt Ion:178 Resp: 289468
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.6 12.7 19.1



#72
Anthracene
Concen: 4.065 ng
RT: 17.744 min Scan# 2460
Delta R.T. -0.010 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:178 Resp: 71343
Ion Ratio Lower Upper
178 100
176 17.6 15.5 23.3
179 14.9 12.5 18.7

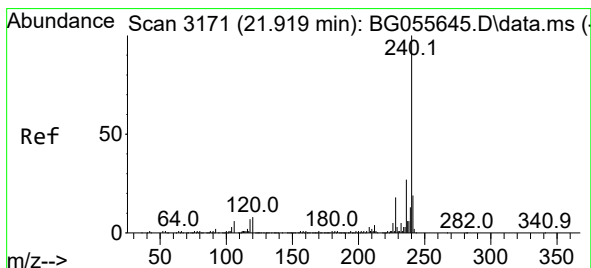
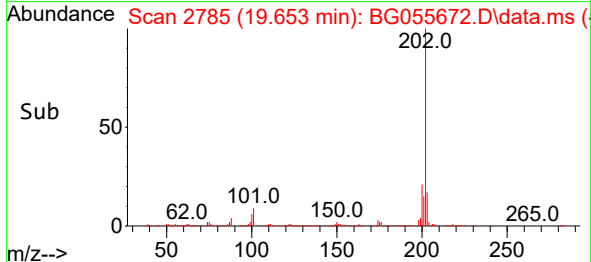
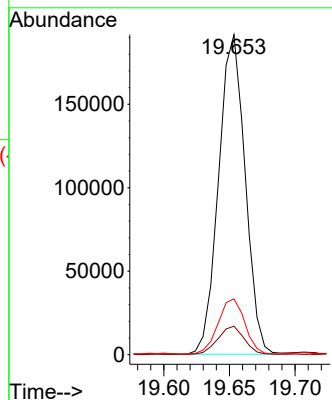
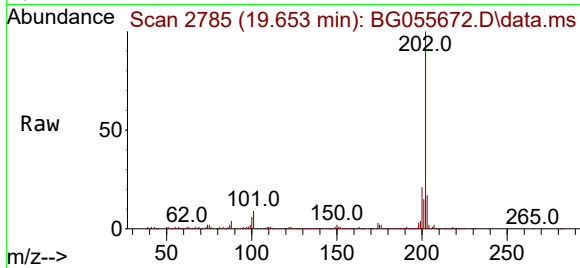




#75
Fluoranthene
Concen: 12.250 ng
RT: 19.653 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

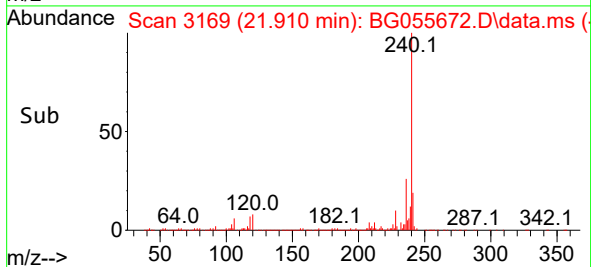
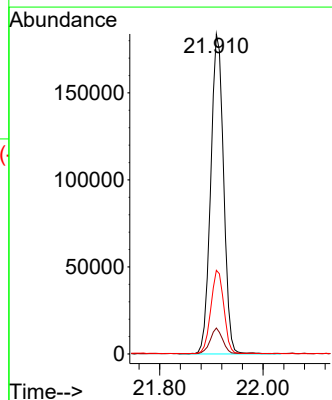
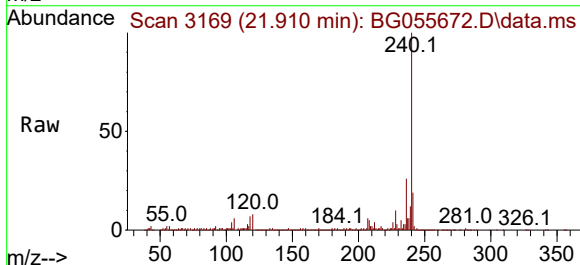
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVERE

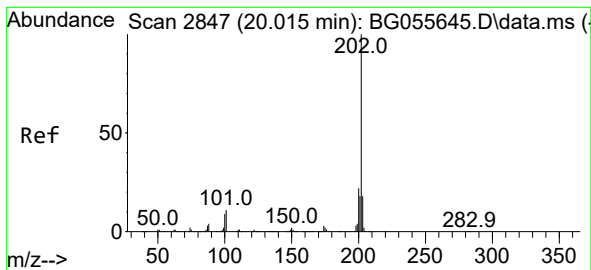
Tgt Ion:202 Resp: 269197
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3169
Delta R.T. -0.009 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:240 Resp: 318280
Ion Ratio Lower Upper
240 100
120 8.1 6.3 9.5
236 26.2 21.9 32.9





#78

Pyrene

Concen: 12.262 ng

RT: 20.012 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG055672.D

Acq: 17 Nov 2022 19:19

Instrument :

BNA_G

ClientSampleId :

MH-NYE-AVERE

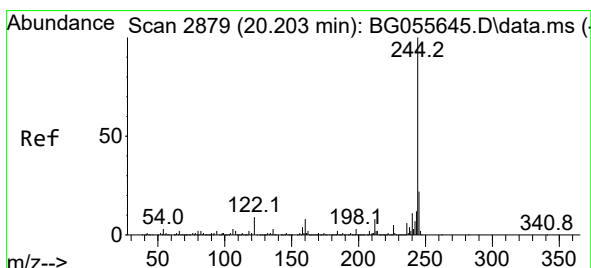
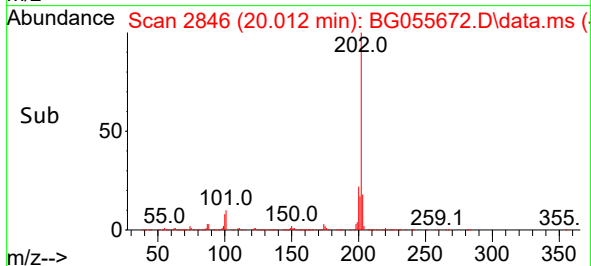
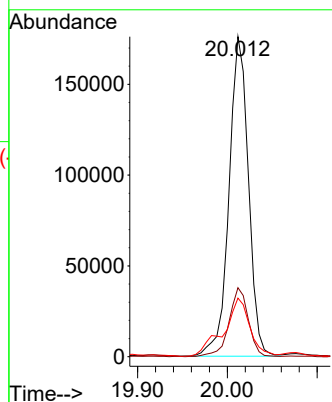
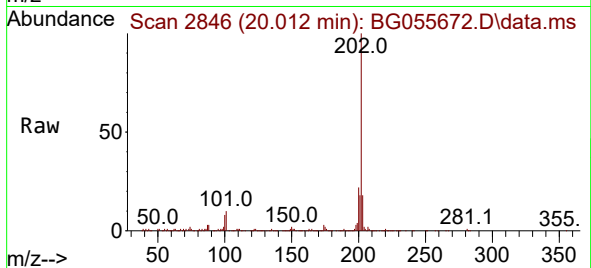
Tgt Ion:202 Resp: 264160

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

203 18.3 14.4 21.6



#79

Terphenyl-d14

Concen: 55.396 ng

RT: 20.200 min Scan# 2878

Delta R.T. -0.004 min

Lab File: BG055672.D

Acq: 17 Nov 2022 19:19

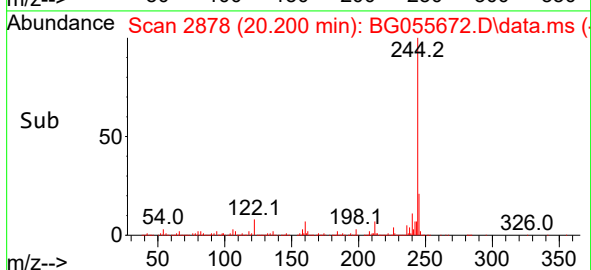
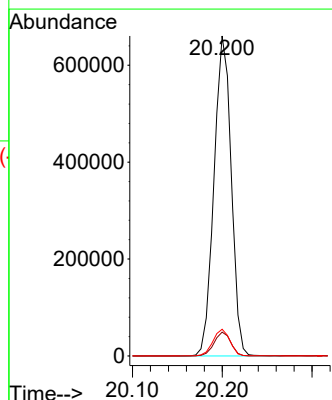
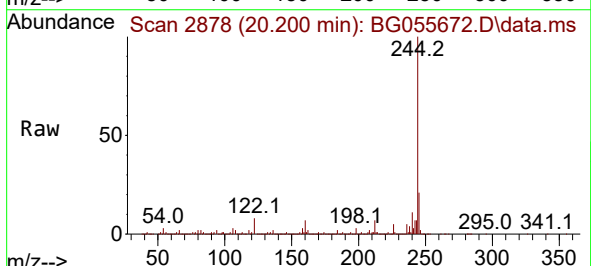
Tgt Ion:244 Resp: 881513

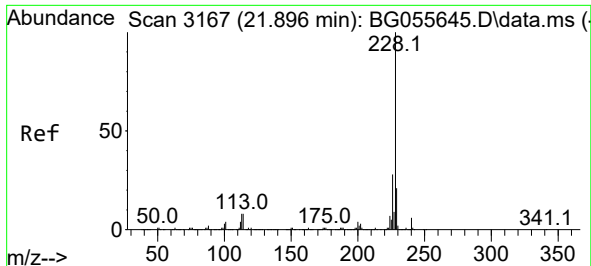
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 8.4 6.9 10.3

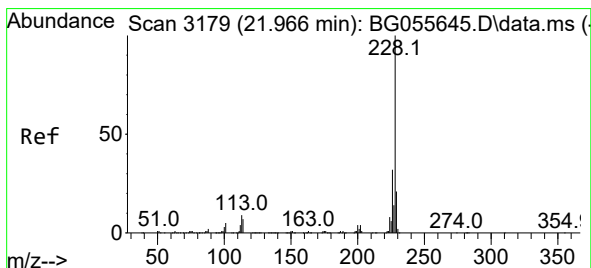
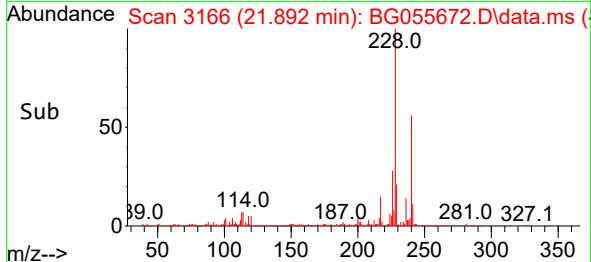
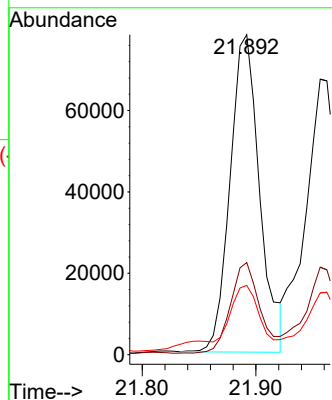
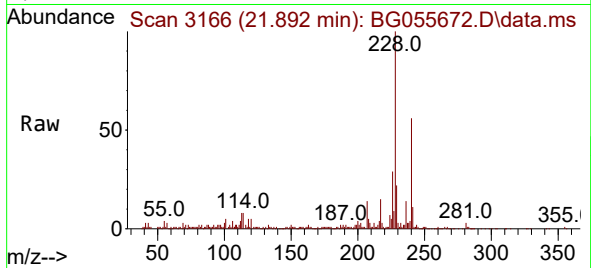




#81
Benzo(a)anthracene
Concen: 6.436 ng
RT: 21.892 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

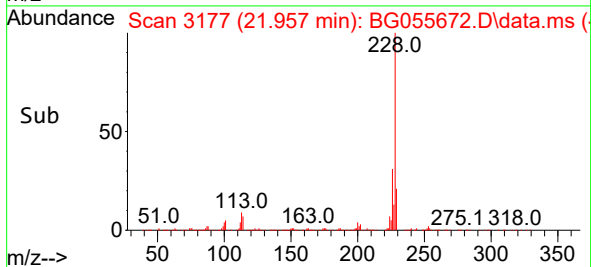
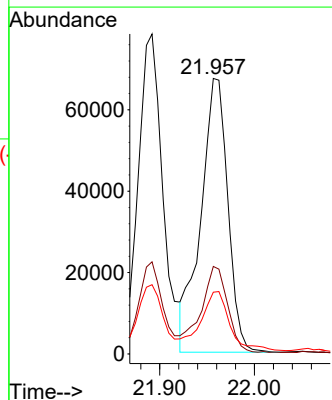
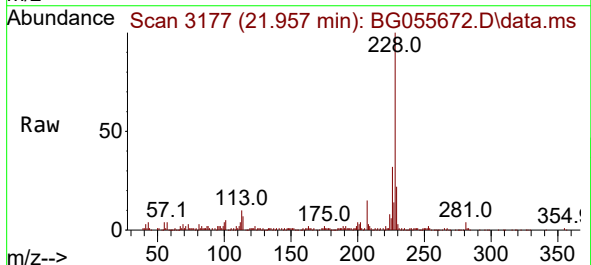
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVERE

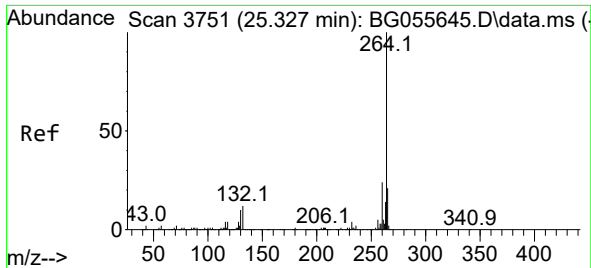
Tgt Ion:228 Resp: 141099
Ion Ratio Lower Upper
228 100
226 28.8 22.7 34.1
229 21.6 16.5 24.7



#83
Chrysene
Concen: 6.392 ng
RT: 21.957 min Scan# 3177
Delta R.T. -0.010 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:228 Resp: 133395
Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.2
229 22.4 17.1 25.7

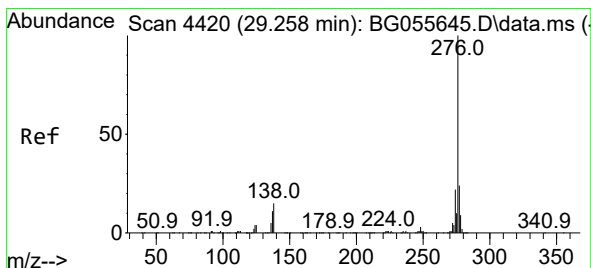
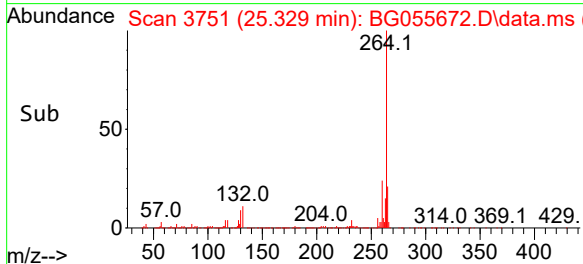
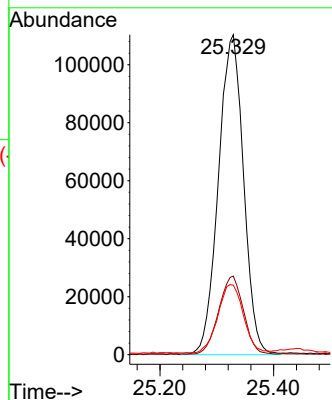
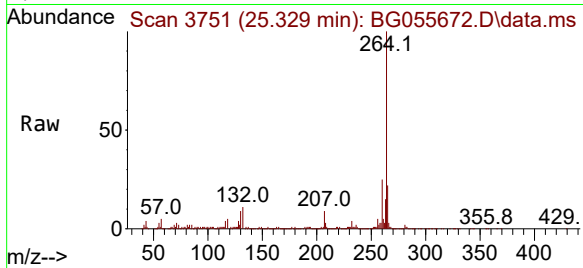




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BG055672.D
 Acq: 17 Nov 2022 19:19

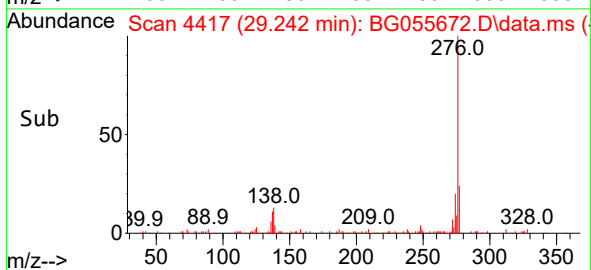
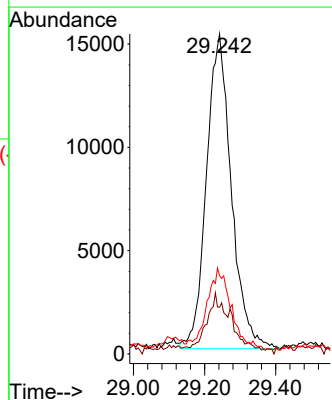
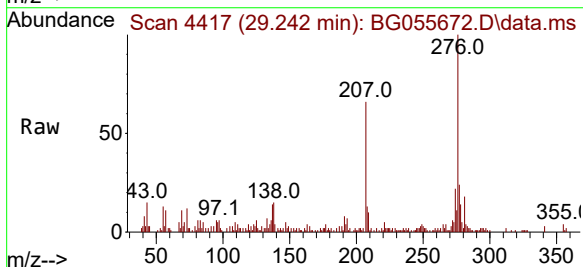
Instrument :
 BNA_G
 ClientSampleId :
 MH-NYE-AVERE

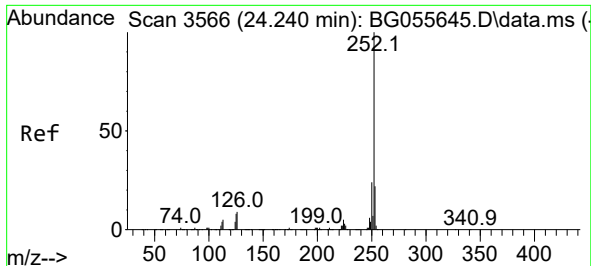
Tgt Ion:264 Resp: 338746
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.7 17.1 25.7



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.674 ng
 RT: 29.242 min Scan# 4417
 Delta R.T. -0.015 min
 Lab File: BG055672.D
 Acq: 17 Nov 2022 19:19

Tgt Ion:276 Resp: 74213
 Ion Ratio Lower Upper
 276 100
 138 11.2 10.4 15.6
 277 25.2 20.2 30.4

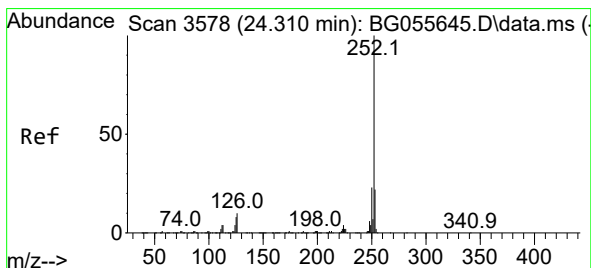
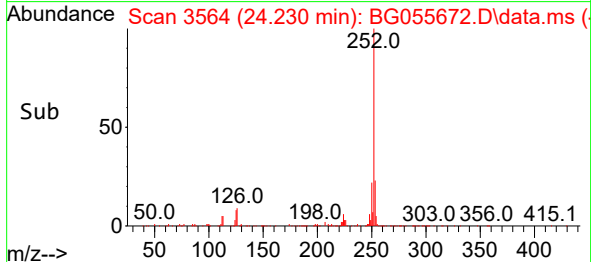
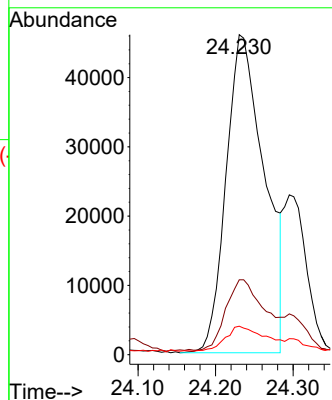
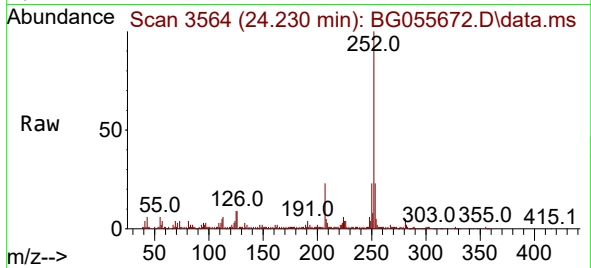




#88
Benzo(b)fluoranthene
Concen: 7.165 ng
RT: 24.230 min Scan# 3564
Delta R.T. -0.010 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

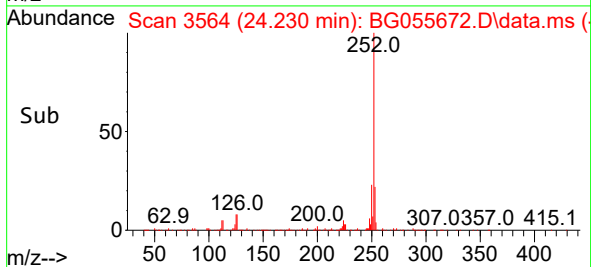
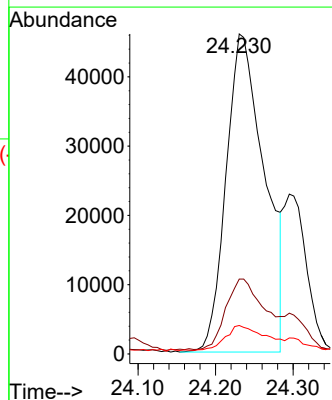
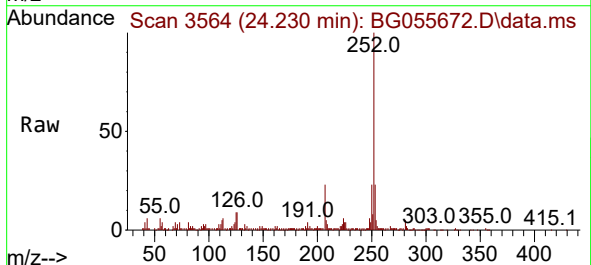
Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVERE

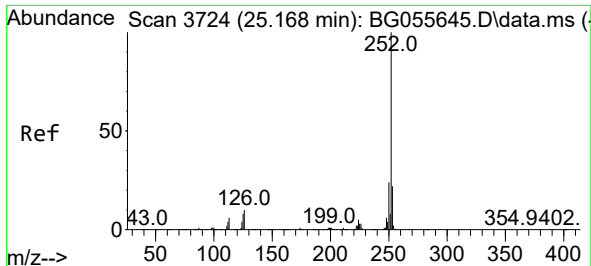
Tgt Ion:252 Resp: 158074
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 8.9 6.2 9.2



#89
Benzo(k)fluoranthene
Concen: 7.188 ng
RT: 24.230 min Scan# 3564
Delta R.T. -0.080 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:252 Resp: 158074
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 8.9 6.1 9.1

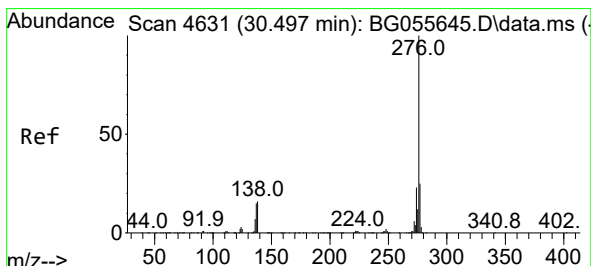
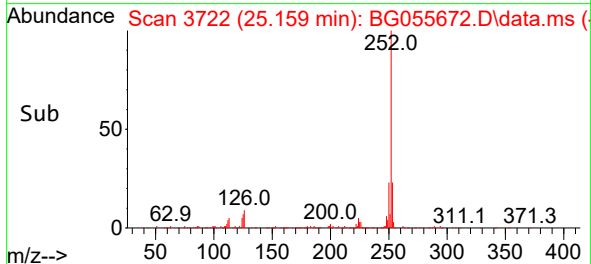
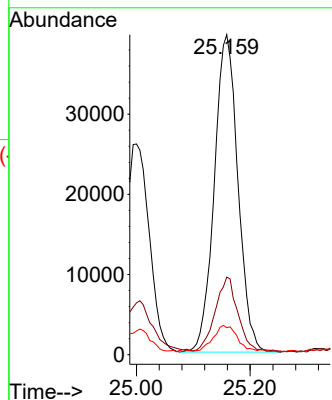
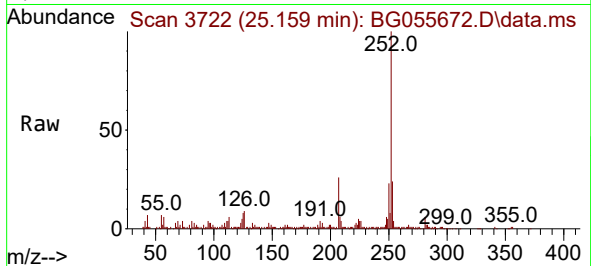




#90
Benzo(a)pyrene
Concen: 6.031 ng
RT: 25.159 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Instrument :
BNA_G
ClientSampleId :
MH-NYE-AVERE

Tgt Ion:252 Resp: 114171
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 8.4 6.4 9.6



#92
Benzo(g,h,i)perylene
Concen: 2.995 ng
RT: 30.470 min Scan# 4626
Delta R.T. -0.027 min
Lab File: BG055672.D
Acq: 17 Nov 2022 19:19

Tgt Ion:276 Resp: 68461
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.6
138 17.1 13.1 19.7

