

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055280.D
 Acq On : 25 Oct 2022 17:49
 Operator : CG/JU
 Sample : N5254-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:45:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

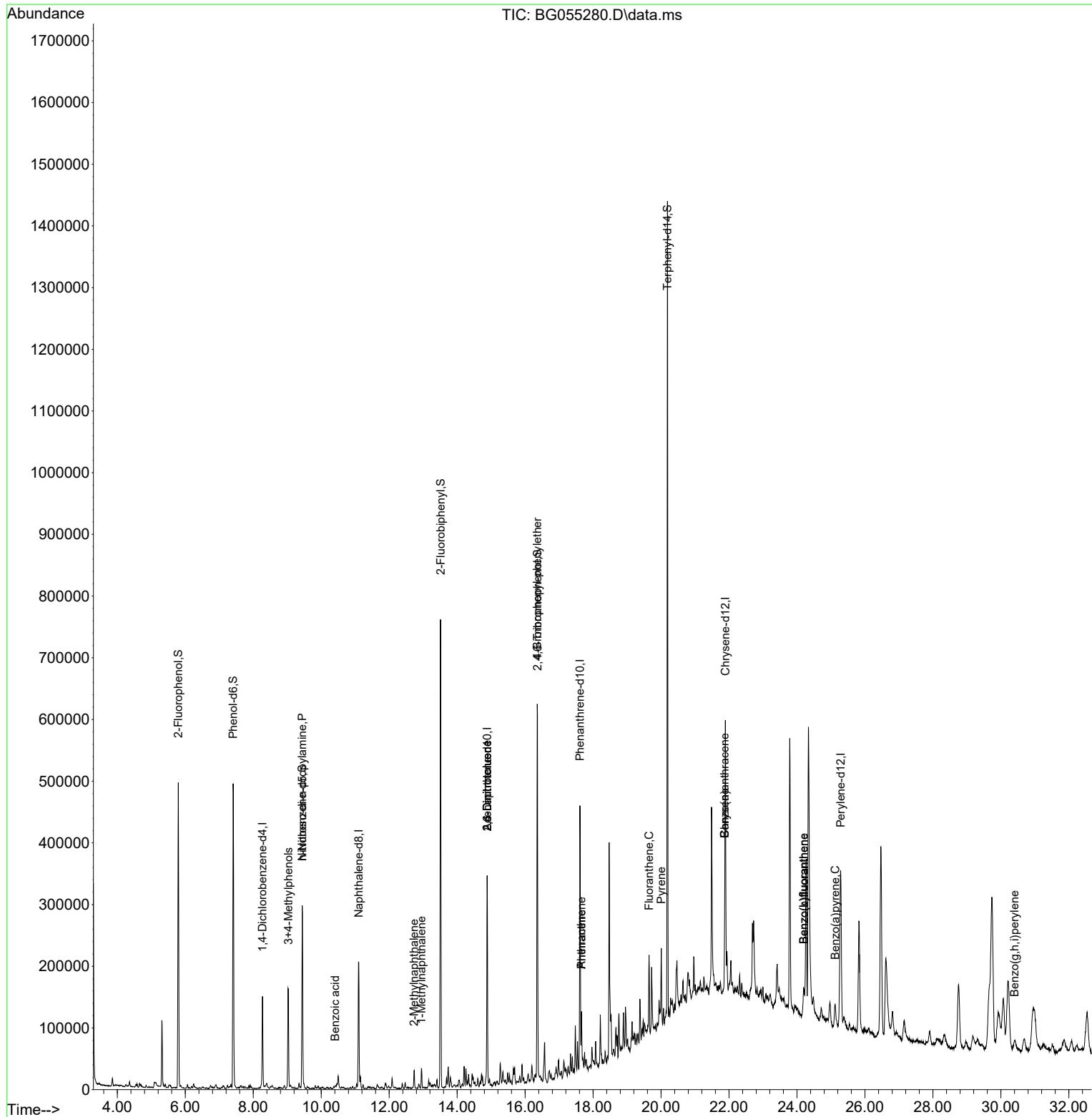
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	41741	20.000	ng	0.00
21) Naphthalene-d8	11.104	136	177644	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	112775	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	246184	20.000	ng	0.00
76) Chrysene-d12	21.892	240	239437	20.000	ng	0.00
86) Perylene-d12	25.288	264	250110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	222722	93.429	ng	0.00
7) Phenol-d6	7.409	99	301018	87.158	ng	0.00
23) Nitrobenzene-d5	9.441	82	187335	53.849	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	110692	90.290	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	388852	56.436	ng	0.00
79) Terphenyl-d14	20.188	244	608839	52.831	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.441	70	25225	8.795	ng	# 83
20) 3+4-Methylphenols	9.030	107	80638	20.579	ng	89
32) Benzoic acid	10.411	122	530	4.401	ng	95
37) 2-Methylnaphthalene	12.732	142	13884	2.032	ng	99
38) 1-Methylnaphthalene	12.949	142	14659	2.175	ng	# 97
51) 2,6-Dinitrotoluene	14.882	165	15722	8.726	ng	# 21
57) 2,4-Dinitrotoluene	14.882	165	15722	6.013	ng	# 19
67) 4-Bromophenyl-phenylether	16.357	248	7260	3.035	ng	# 1
71) Phenanthrene	17.655	178	52400	3.991	ng	98
72) Anthracene	17.655	178	52400	4.083	ng	98
75) Fluoranthene	19.647	202	72577	4.744	ng	99
78) Pyrene	20.006	202	67859	4.135	ng	97
81) Benzo(a)anthracene	21.874	228	33380	2.076	ng	97
83) Chrysene	21.874	228	33380	2.186	ng	92
88) Benzo(b)fluoranthene	24.201	252	59973	3.986	ng	# 93
89) Benzo(k)fluoranthene	24.201	252	59973	3.948	ng	# 95
90) Benzo(a)pyrene	25.123	252	38452	2.980	ng	# 90
92) Benzo(g,h,i)perylene	30.399	276	32171	2.140	ng	# 88

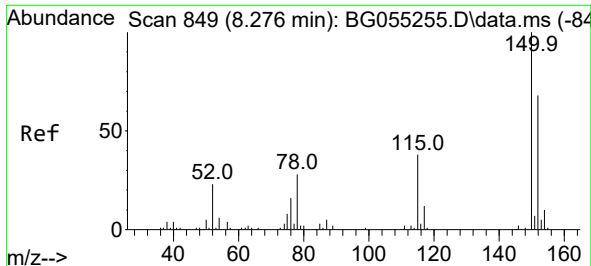
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055280.D
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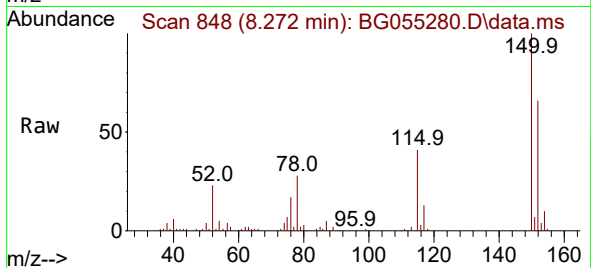
Quant Time: Oct 26 14:45:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



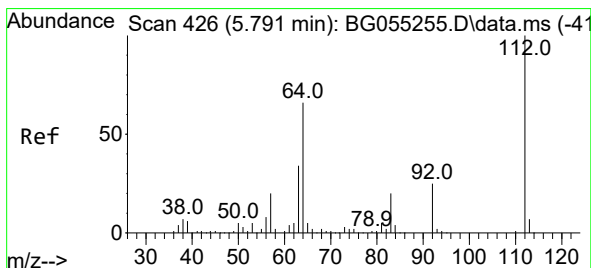
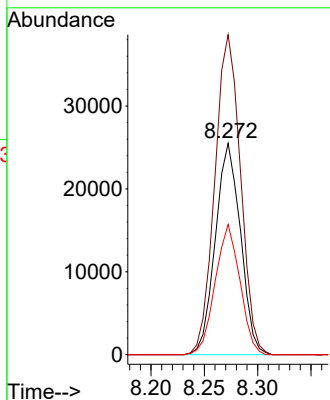
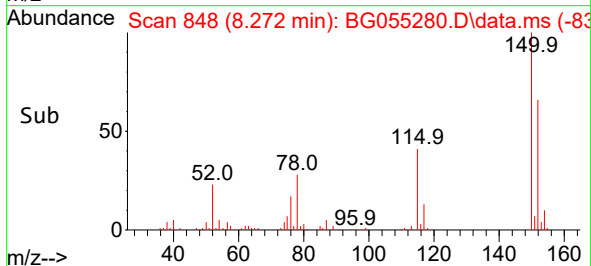


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 849
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

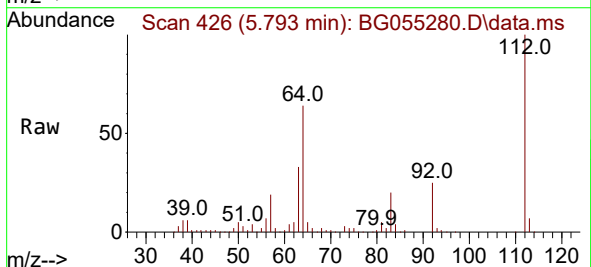
Instrument :
BNA_G
ClientSampleId :



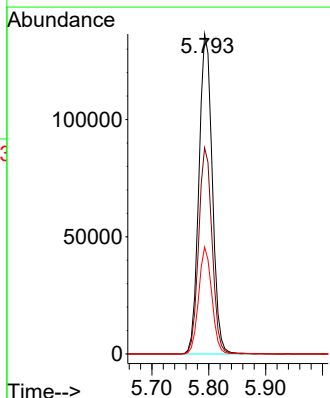
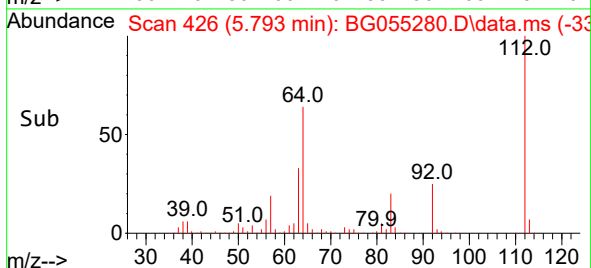
Tgt Ion:152 Resp: 41741
Ion Ratio Lower Upper
152 100
150 151.4 118.2 177.4
115 61.6 44.5 66.7

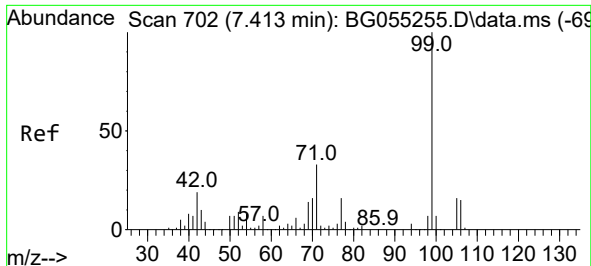


#5
2-Fluorophenol
Concen: 93.429 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



Tgt Ion:112 Resp: 222722
Ion Ratio Lower Upper
112 100
64 64.5 52.6 78.8
63 33.4 27.1 40.7

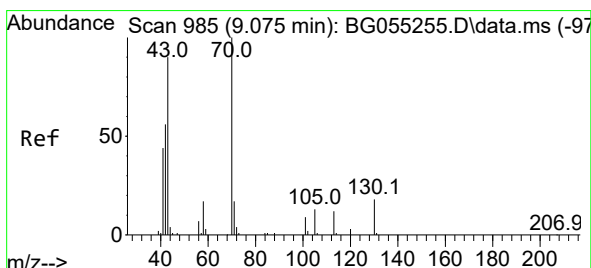
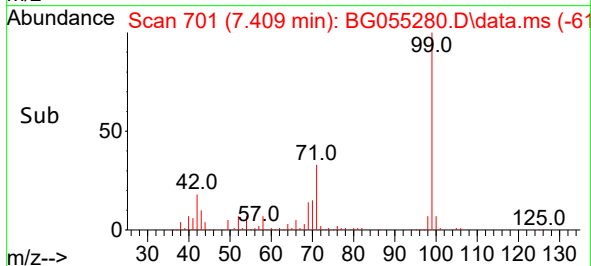
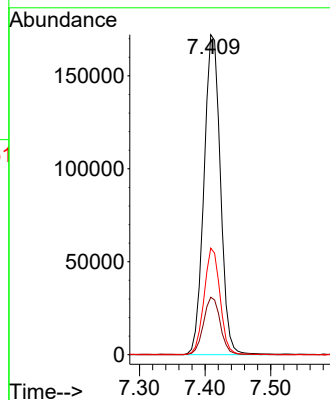
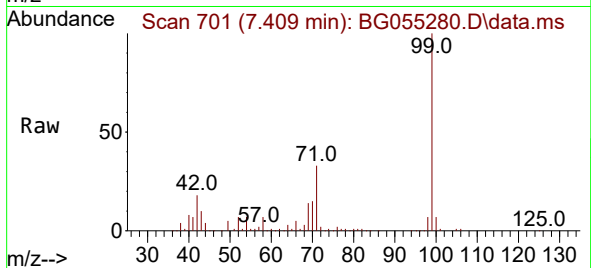




#7
Phenol-d6
Concen: 87.158 ng
RT: 7.409 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

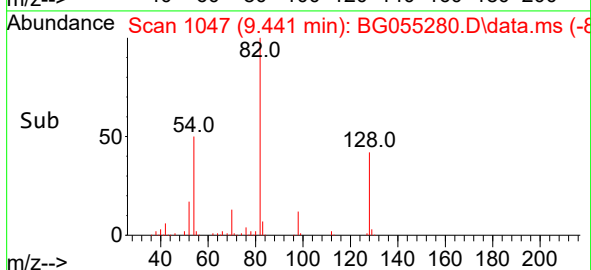
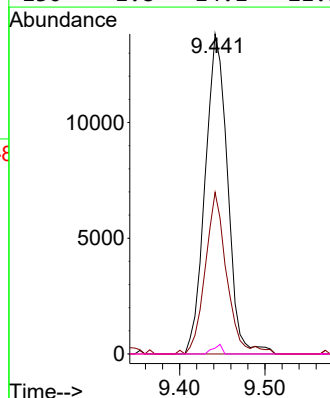
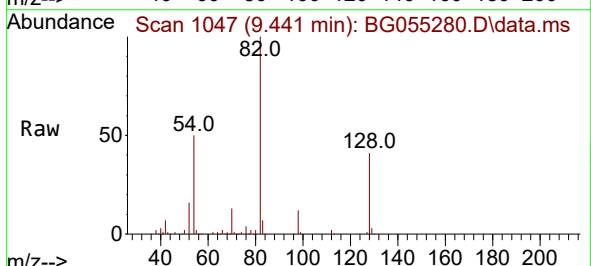
Instrument :
BNA_G
ClientSampleId :

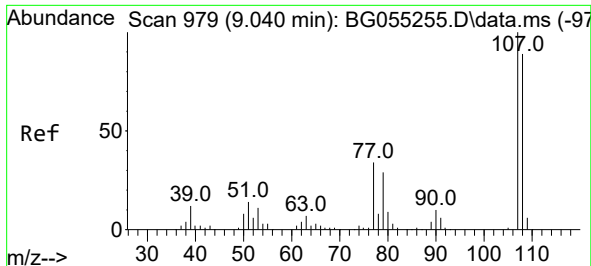
Tgt Ion: 99 Resp: 301018
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 33.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.795 ng
RT: 9.441 min Scan# 1047
Delta R.T. 0.366 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Tgt Ion: 70 Resp: 25225
Ion Ratio Lower Upper
70 100
42 50.5 45.8 68.6
101 0.0 7.4 11.0#
130 1.8 14.1 21.1#

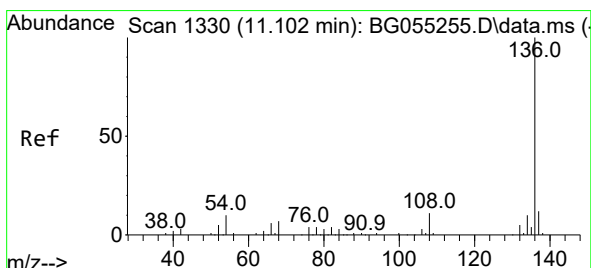
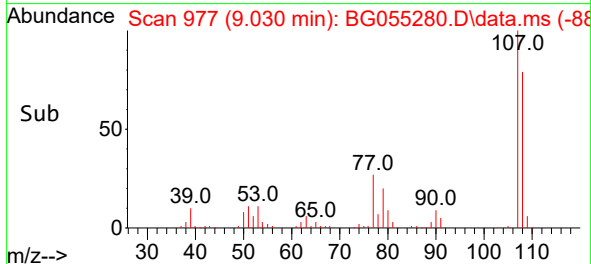
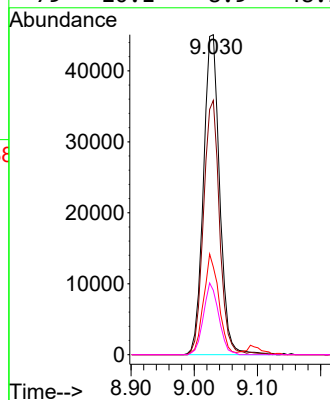
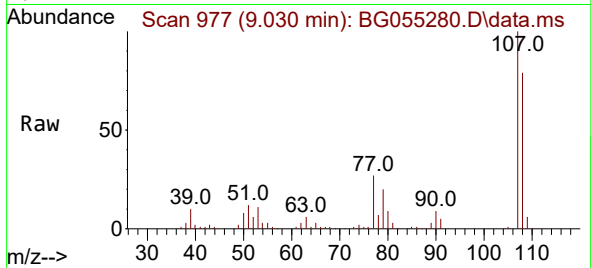




#20
3+4-Methylphenols
Concen: 20.579 ng
RT: 9.030 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

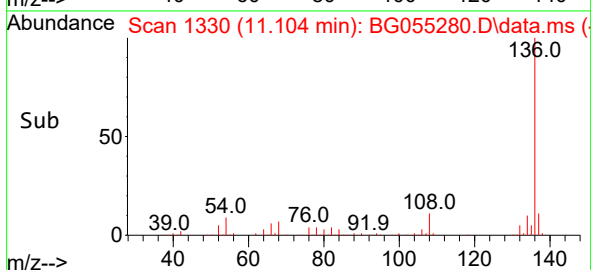
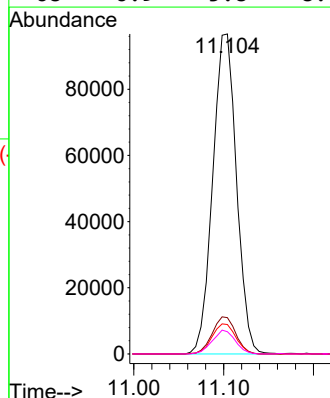
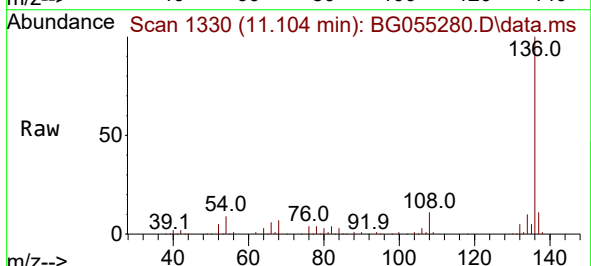
Instrument :
BNA_G
ClientSampleId :

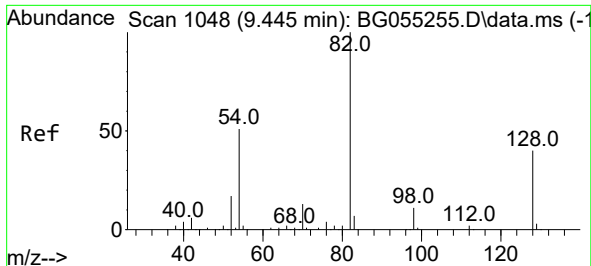
Tgt Ion:107 Resp: 80638
Ion Ratio Lower Upper
107 100
108 79.5 68.5 108.5
77 27.4 14.0 54.0
79 20.1 8.9 48.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.104 min Scan# 1330
Delta R.T. 0.002 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Tgt Ion:136 Resp: 177644
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.2 7.8 11.8
68 6.9 5.8 8.6





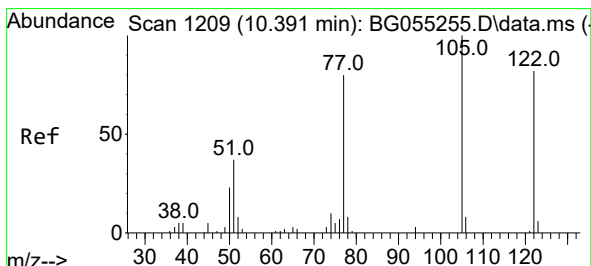
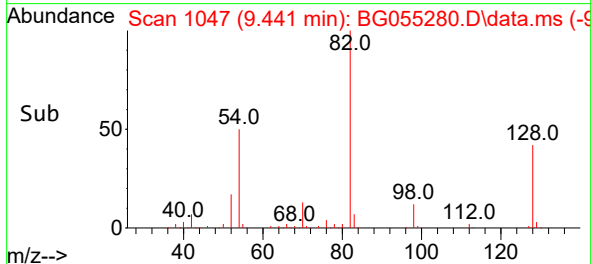
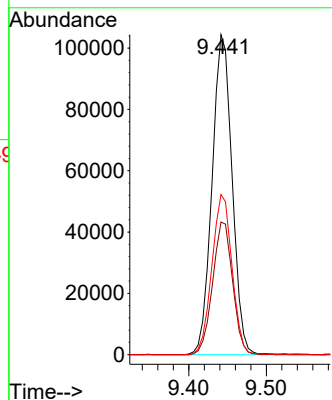
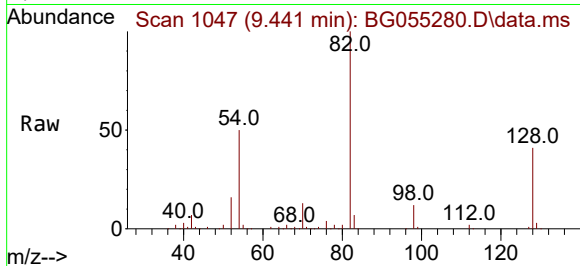
#23
Nitrobenzene-d5
Concen: 53.849 ng
RT: 9.441 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

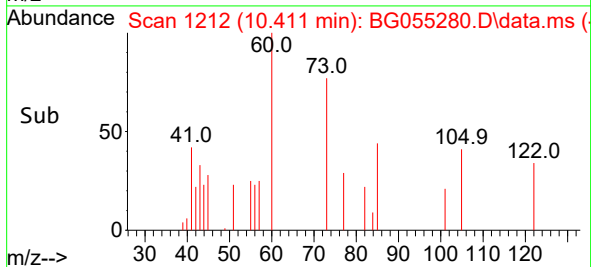
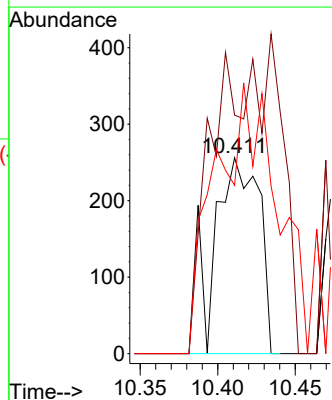
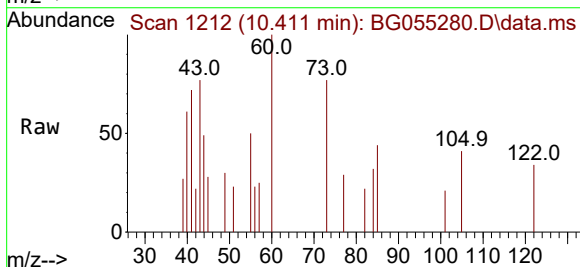
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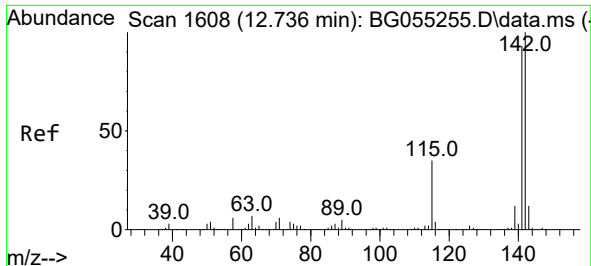
Tgt Ion: 82 Resp: 187335
Ion Ratio Lower Upper
82 100
128 41.5 32.0 48.0
54 50.1 40.9 61.3



#32
Benzoic acid
Concen: 4.401 ng
RT: 10.411 min Scan# 1212
Delta R.T. 0.020 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Tgt Ion:122 Resp: 530
Ion Ratio Lower Upper
122 100
105 121.9 101.3 141.3
77 85.9 76.9 116.9





#37

2-Methylnaphthalene

Concen: 2.032 ng

RT: 12.732 min Scan# 1

Delta R.T. -0.004 min

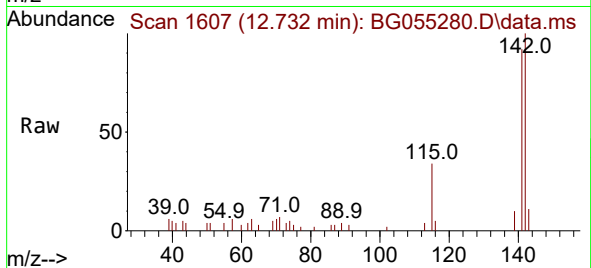
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Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :



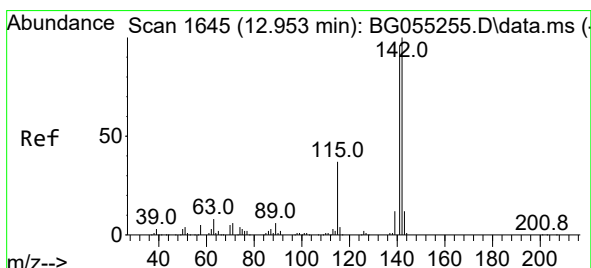
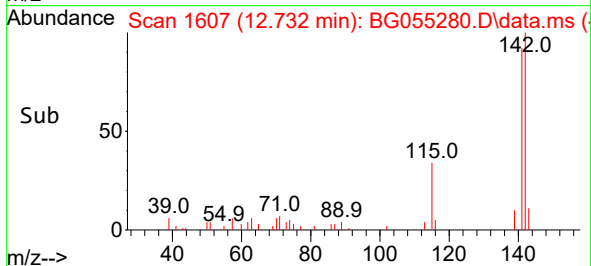
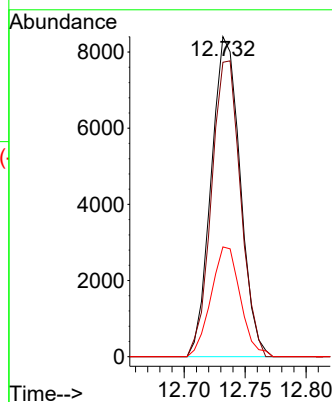
Tgt Ion:142 Resp: 13884

Ion Ratio Lower Upper

142 100

141 92.0 74.0 111.0

115 34.3 28.3 42.5



#38

1-Methylnaphthalene

Concen: 2.175 ng

RT: 12.949 min Scan# 1644

Delta R.T. -0.004 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

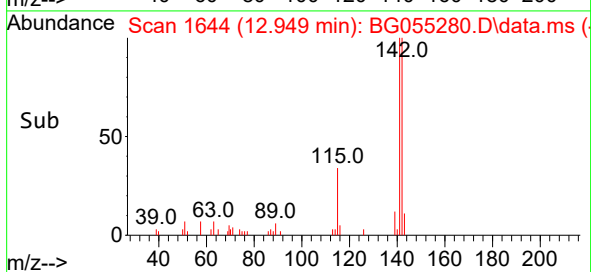
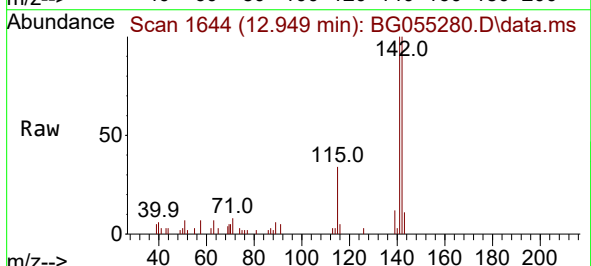
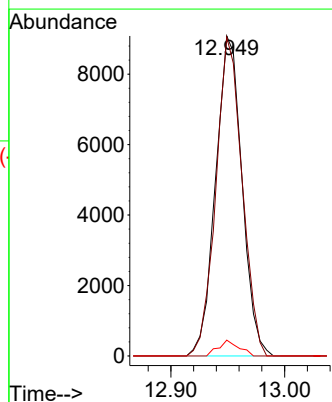
Tgt Ion:142 Resp: 14659

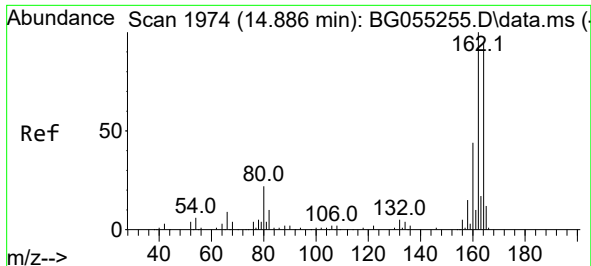
Ion Ratio Lower Upper

142 100

141 99.6 77.1 115.7

116 5.0 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.882 min Scan# 1974

Delta R.T. -0.004 min

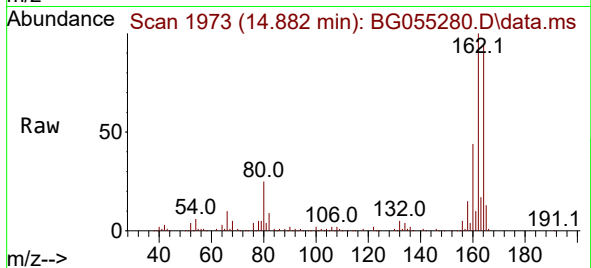
Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :



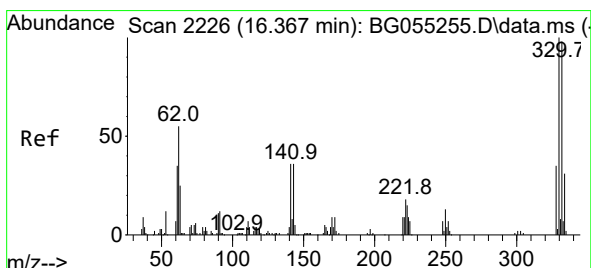
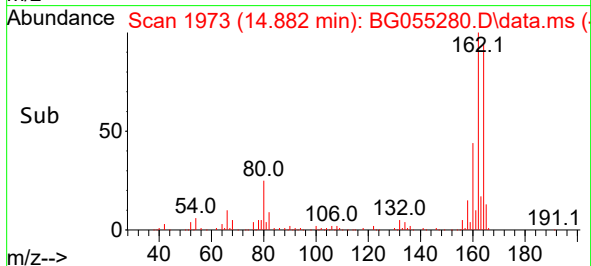
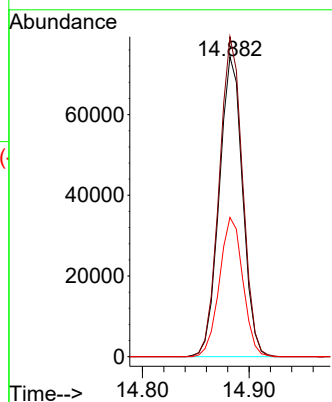
Tgt Ion:164 Resp: 112775

Ion Ratio Lower Upper

164 100

162 106.6 84.0 126.0

160 46.4 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 90.290 ng

RT: 16.363 min Scan# 2225

Delta R.T. -0.004 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

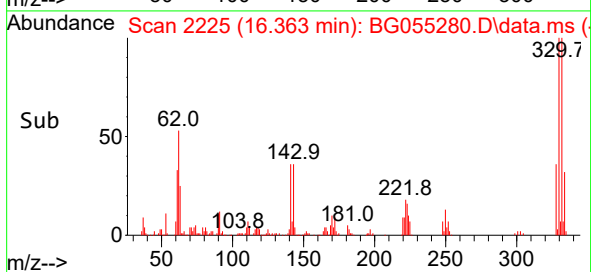
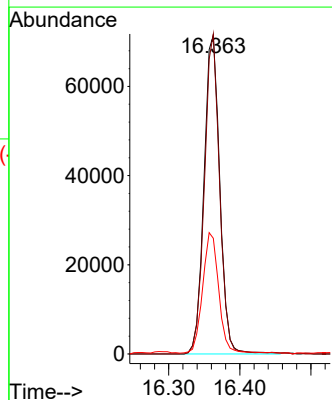
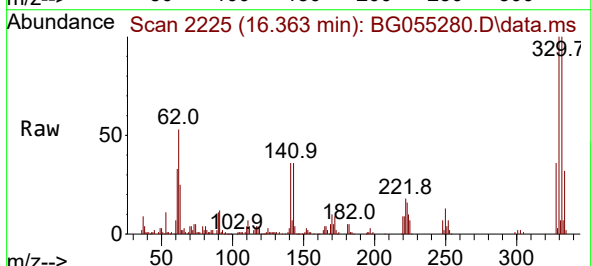
Tgt Ion:330 Resp: 110692

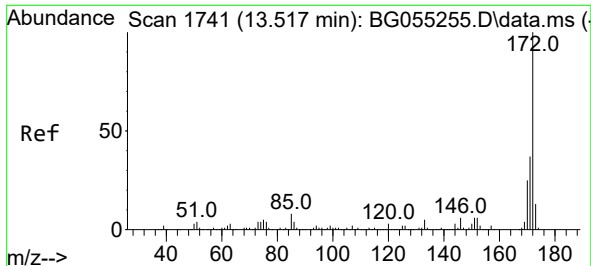
Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

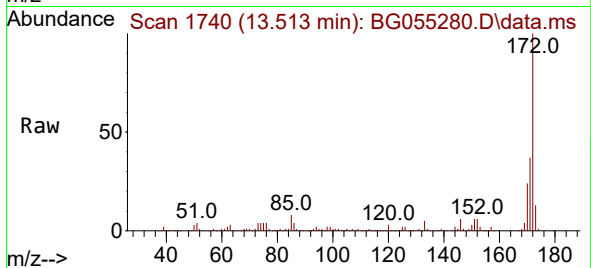
141 40.1 29.8 44.8



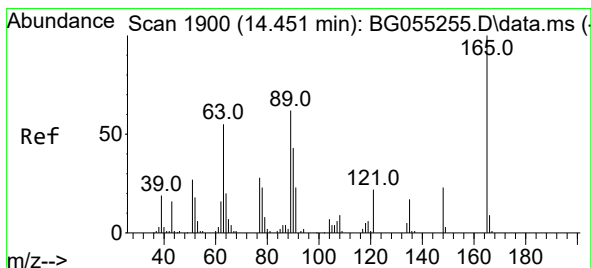
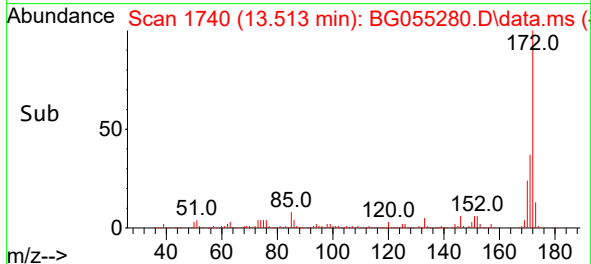
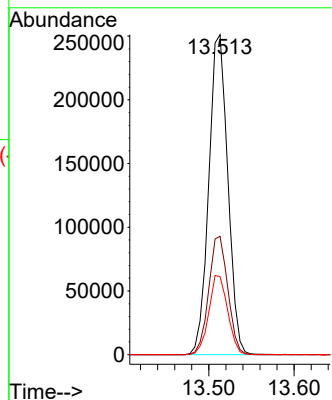


#45
2-Fluorobiphenyl
Concen: 56.436 ng
RT: 13.513 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Instrument :
BNA_G
ClientSampleId :

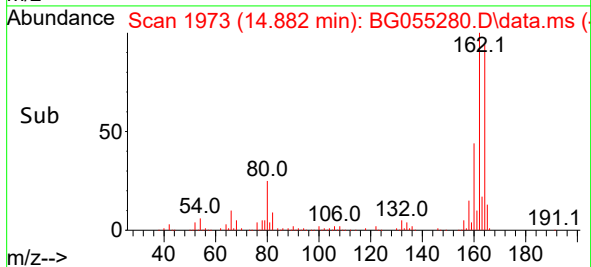
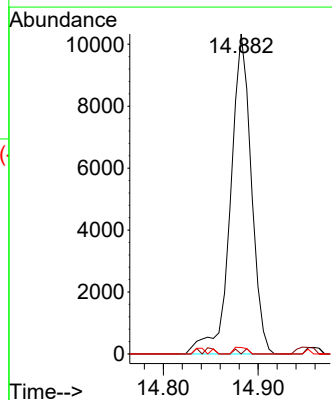
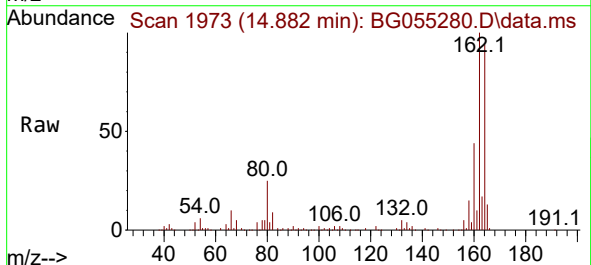


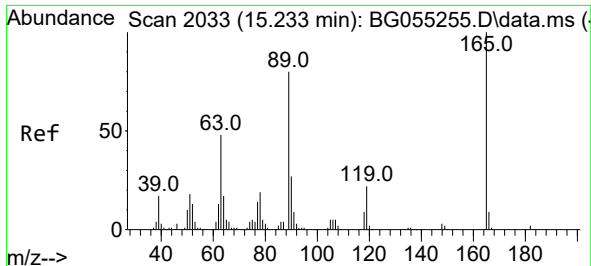
Tgt Ion:172 Resp: 388852
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.4 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.726 ng
RT: 14.882 min Scan# 1973
Delta R.T. 0.431 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Tgt Ion:165 Resp: 15722
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 2.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 6.013 ng

RT: 14.882 min Scan# 1973

Delta R.T. -0.351 min

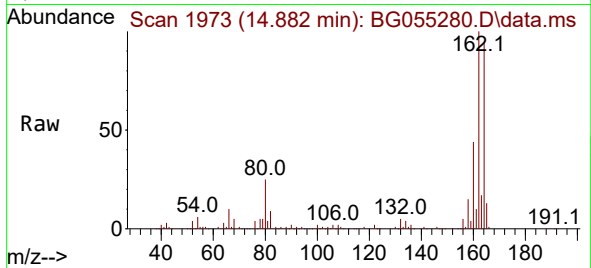
Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 15722

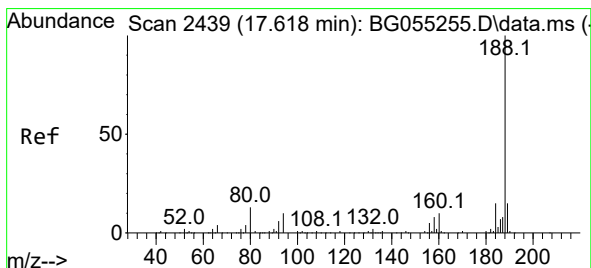
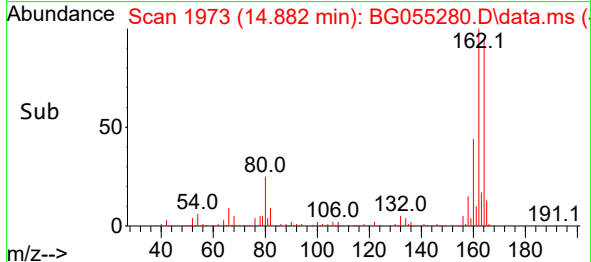
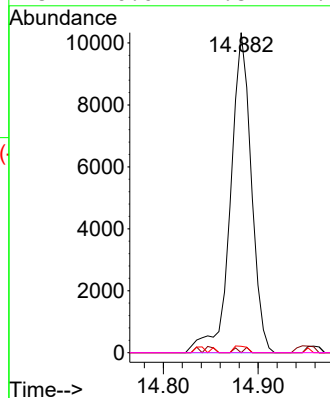
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 2.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.614 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

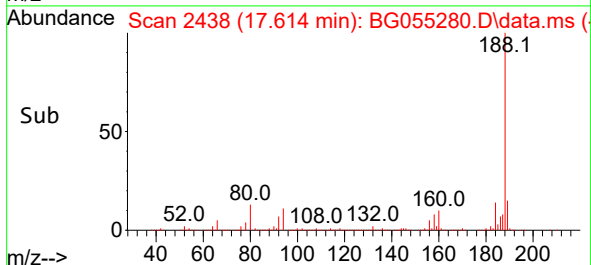
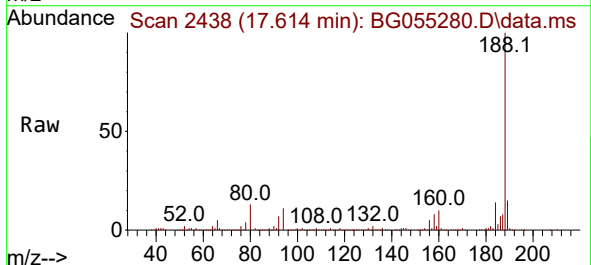
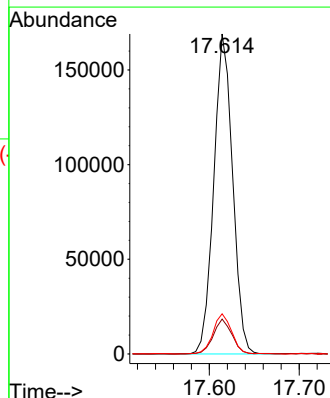
Tgt Ion:188 Resp: 246184

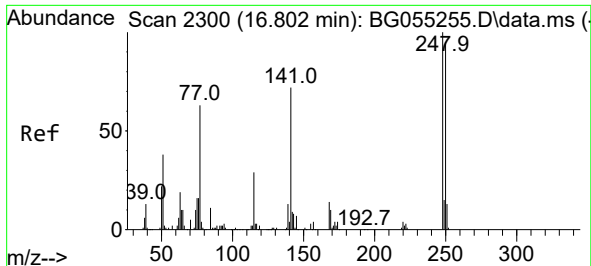
Ion Ratio Lower Upper

188 100

94 10.9 8.2 12.4

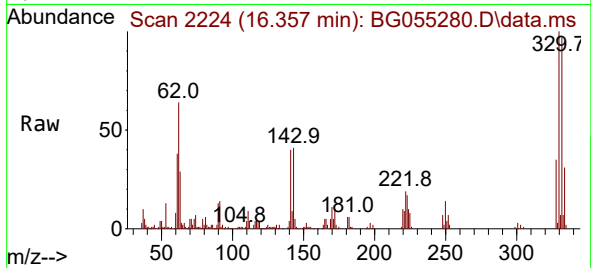
80 12.6 10.1 15.1



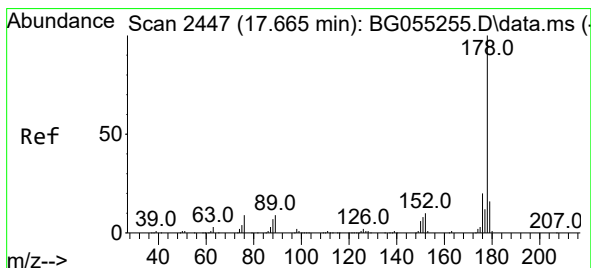
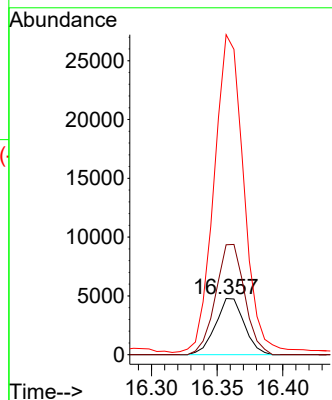
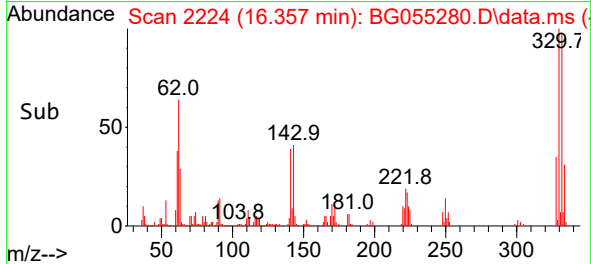


#67
4-Bromophenyl-phenylether
Concen: 3.035 ng
RT: 16.357 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

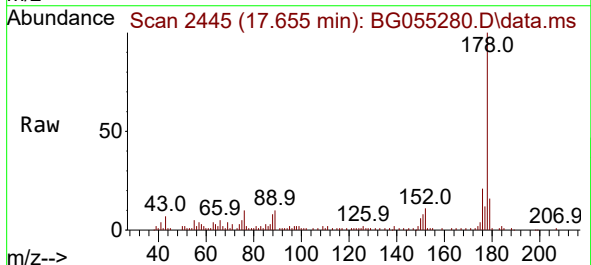
Instrument :
BNA_G
ClientSampleId :



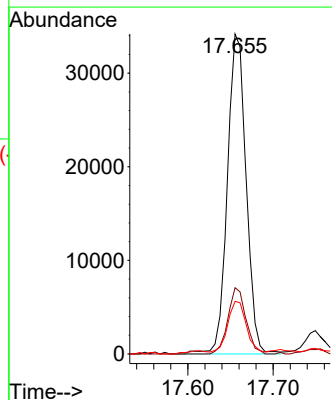
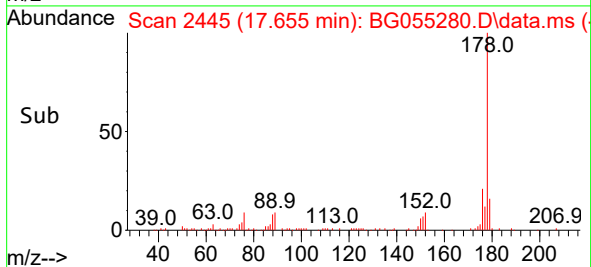
Tgt Ion:248 Resp: 7260
Ion Ratio Lower Upper
248 100
250 196.0 76.0 114.0#
141 570.3 58.0 87.0#

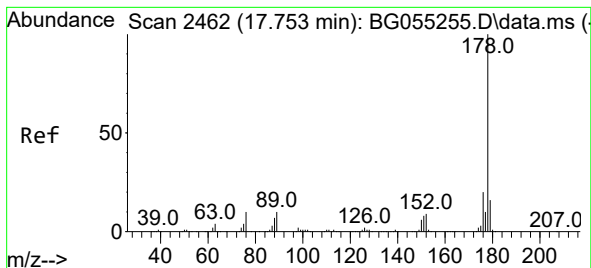


#71
Phenanthrene
Concen: 3.991 ng
RT: 17.655 min Scan# 2445
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



Tgt Ion:178 Resp: 52400
Ion Ratio Lower Upper
178 100
176 20.7 16.0 24.0
179 16.5 12.6 19.0





#72

Anthracene

Concen: 4.083 ng

RT: 17.655 min Scan# 24

Delta R.T. -0.098 min

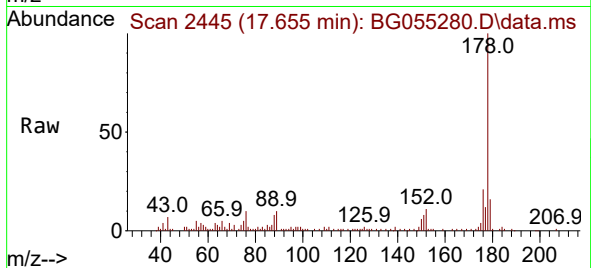
Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :



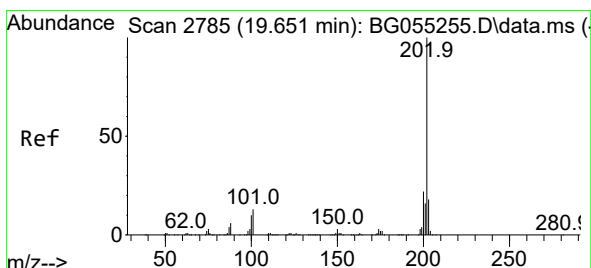
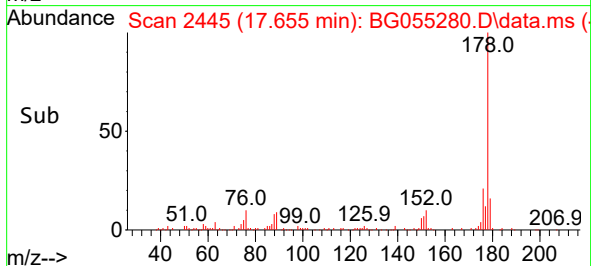
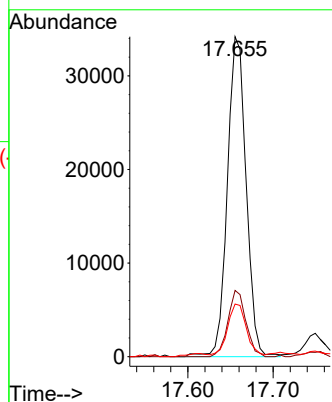
Tgt Ion:178 Resp: 52400

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

179 16.5 12.9 19.3



#75

Fluoranthene

Concen: 4.744 ng

RT: 19.647 min Scan# 2784

Delta R.T. -0.004 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

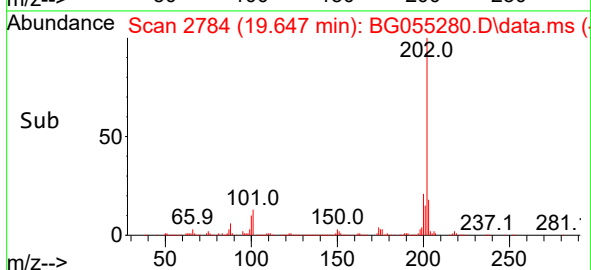
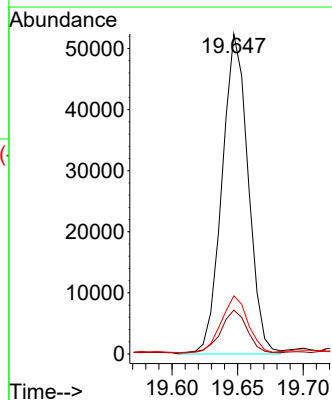
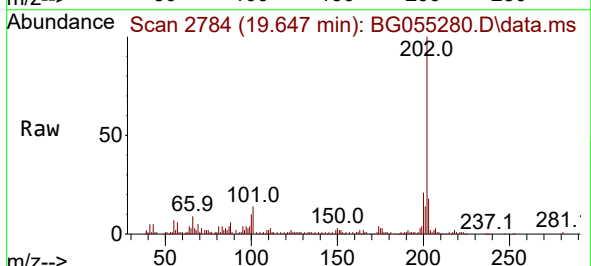
Tgt Ion:202 Resp: 72577

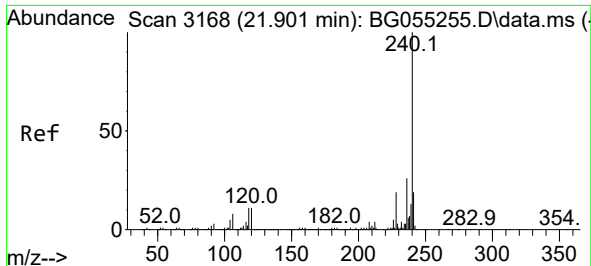
Ion Ratio Lower Upper

202 100

101 13.7 0.0 32.6

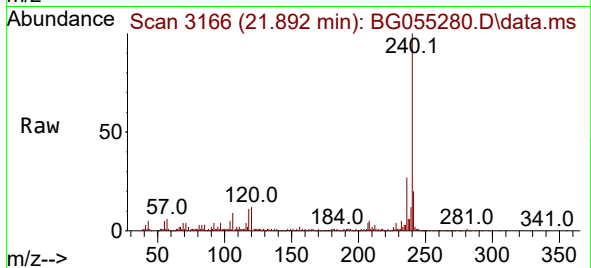
203 18.1 0.0 38.3



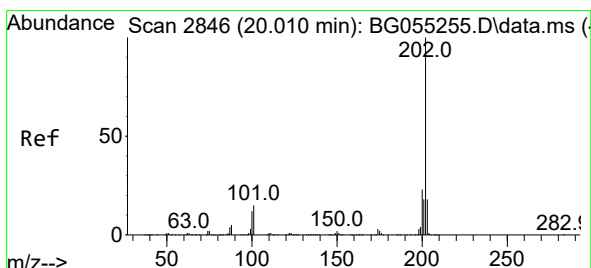
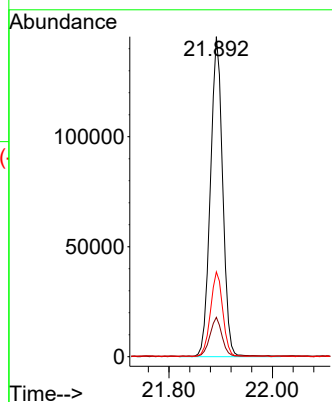
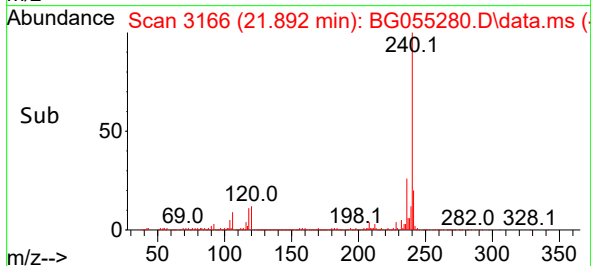


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3166
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

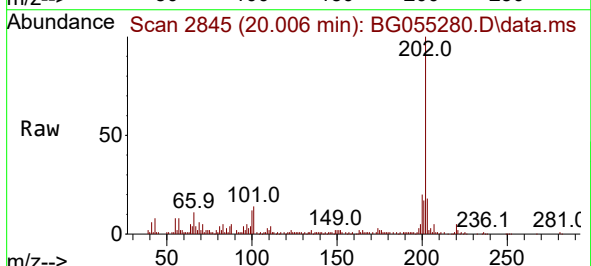
Instrument :
BNA_G
ClientSampleId :



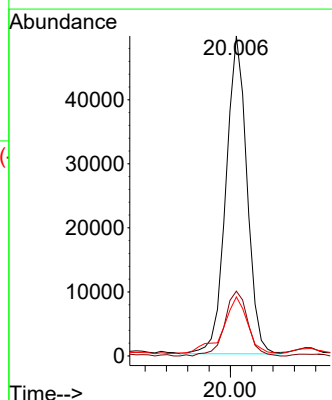
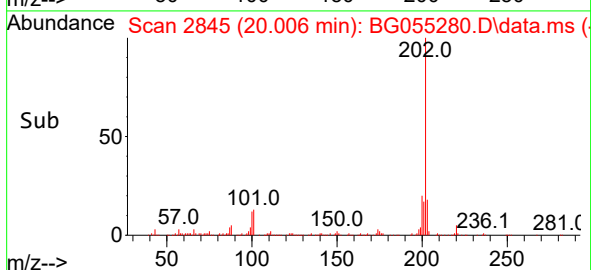
Tgt Ion:240 Resp: 239437
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 26.5 21.0 31.4

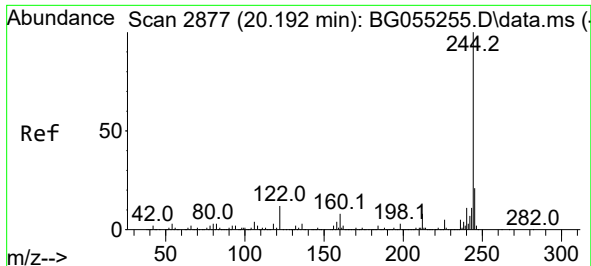


#78
Pyrene
Concen: 4.135 ng
RT: 20.006 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49



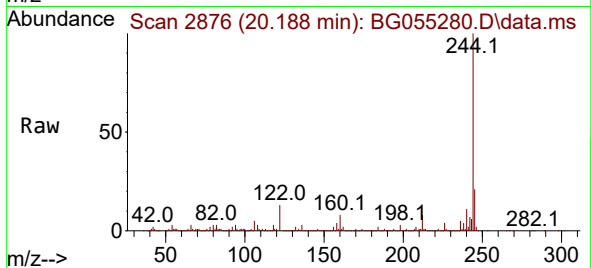
Tgt Ion:202 Resp: 67859
Ion Ratio Lower Upper
202 100
200 20.2 18.0 27.0
203 18.5 14.3 21.5



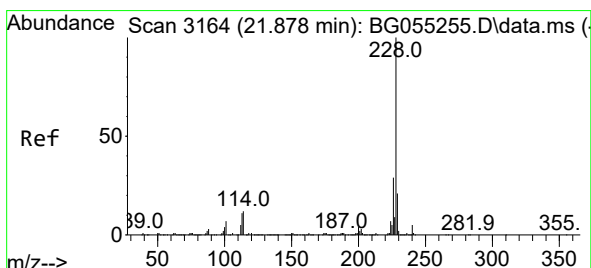
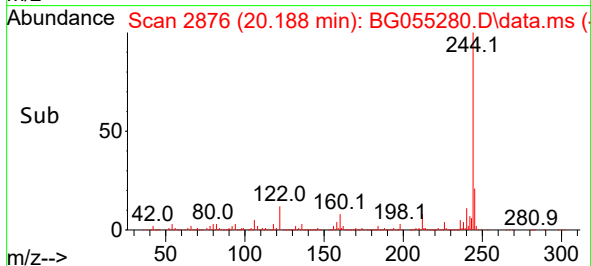
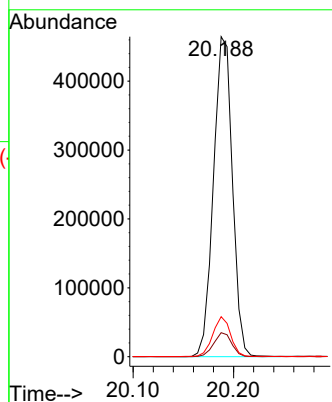


#79
 Terphenyl-d14
 Concen: 52.831 ng
 RT: 20.188 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055280.D
 Acq: 25 Oct 2022 17:49

Instrument :
 BNA_G
 ClientSampleId :

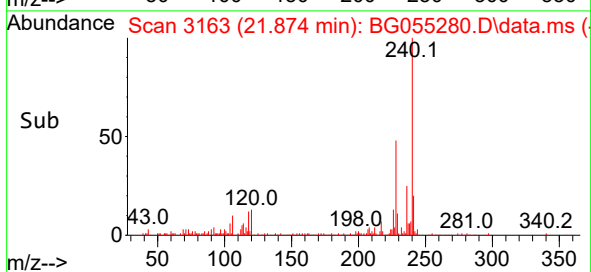
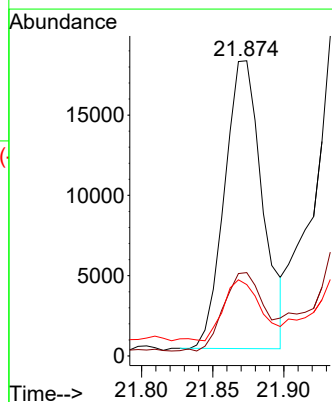
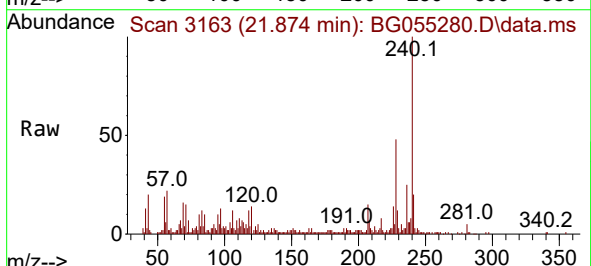


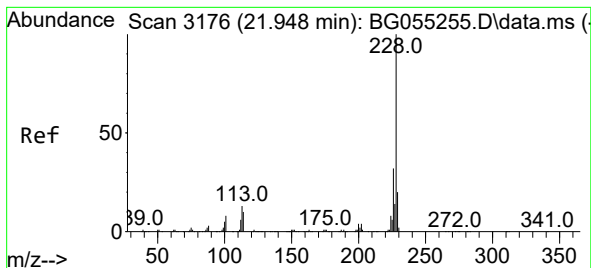
Tgt Ion:244 Resp: 608839
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.5 9.6 14.4



#81
 Benzo(a)anthracene
 Concen: 2.076 ng
 RT: 21.874 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BG055280.D
 Acq: 25 Oct 2022 17:49

Tgt Ion:228 Resp: 33380
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.9 34.3
 229 24.2 16.7 25.1





#83

Chrysene

Concen: 2.186 ng

RT: 21.874 min Scan# 31

Delta R.T. -0.075 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :

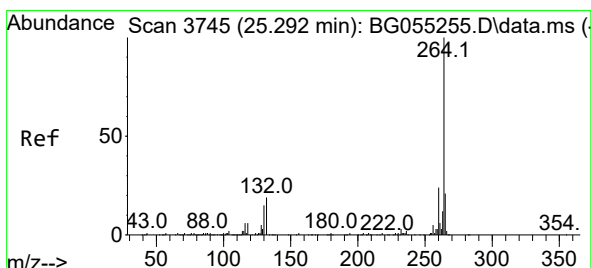
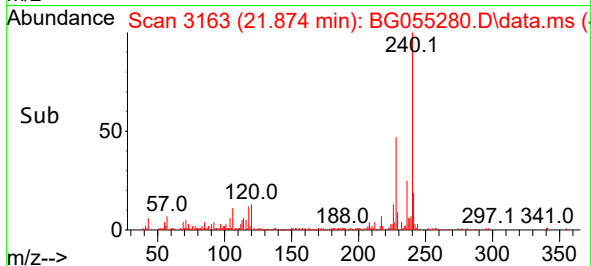
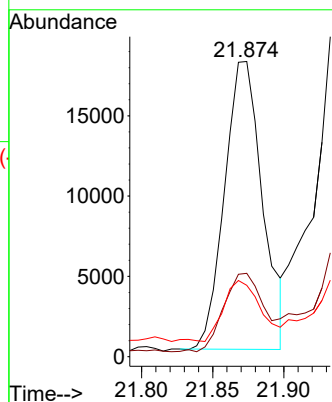
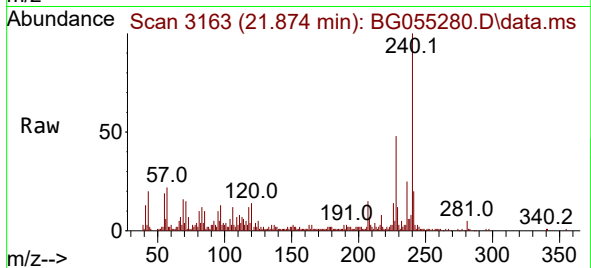
Tgt Ion:228 Resp: 33380

Ion Ratio Lower Upper

228 100

226 28.3 25.8 38.8

229 24.2 16.3 24.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.288 min Scan# 3744

Delta R.T. -0.004 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

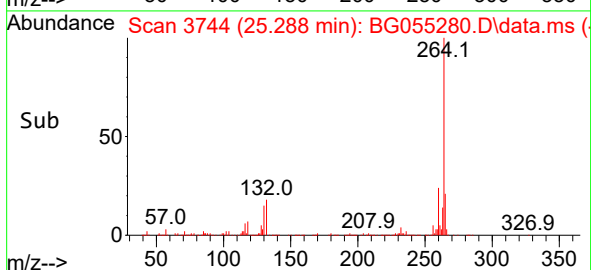
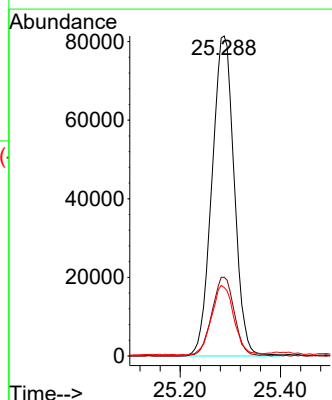
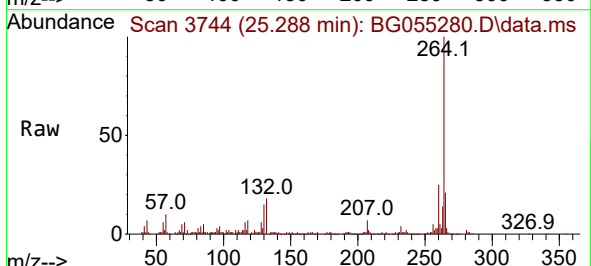
Tgt Ion:264 Resp: 250110

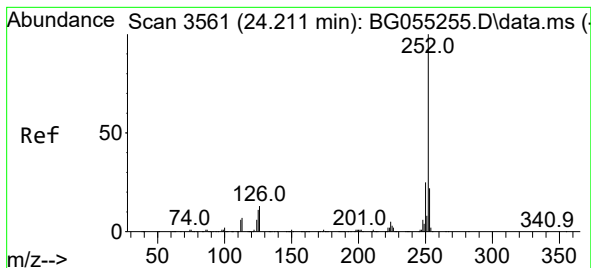
Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.4 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.986 ng

RT: 24.201 min Scan# 3559

Delta R.T. -0.010 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

Instrument :

BNA_G

ClientSampleId :

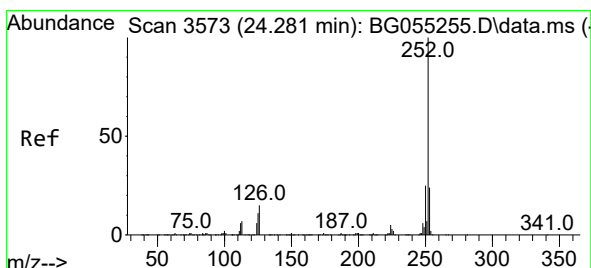
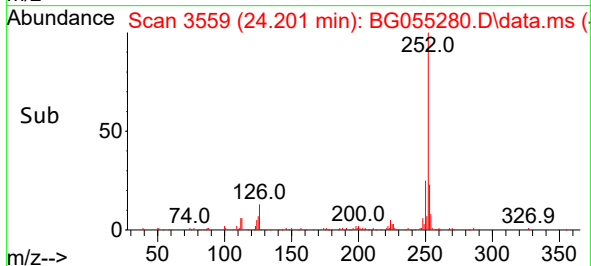
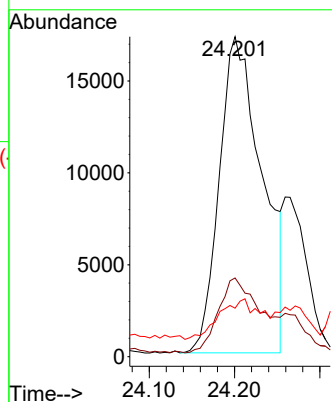
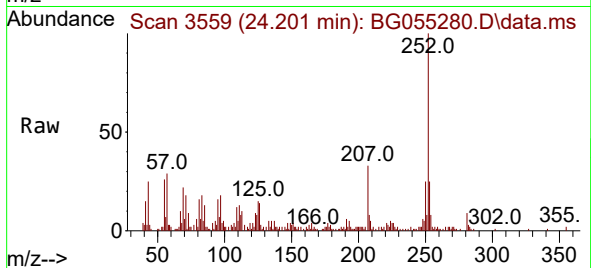
Tgt Ion:252 Resp: 59973

Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 15.1 9.0 13.4#



#89

Benzo(k)fluoranthene

Concen: 3.948 ng

RT: 24.201 min Scan# 3559

Delta R.T. -0.080 min

Lab File: BG055280.D

Acq: 25 Oct 2022 17:49

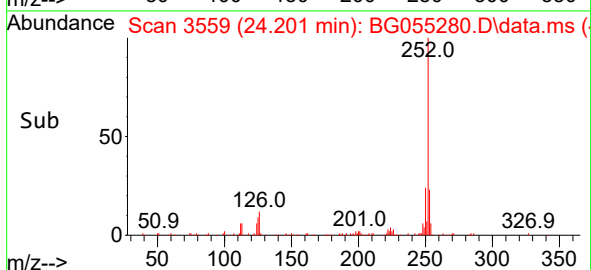
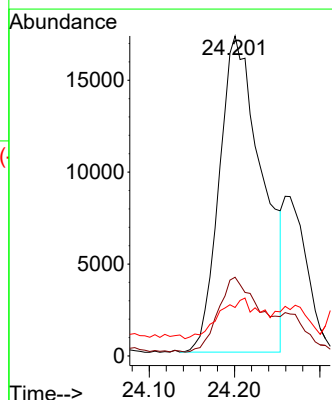
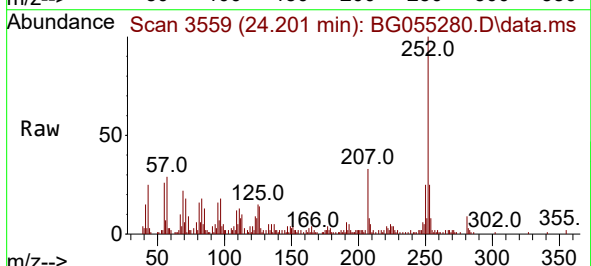
Tgt Ion:252 Resp: 59973

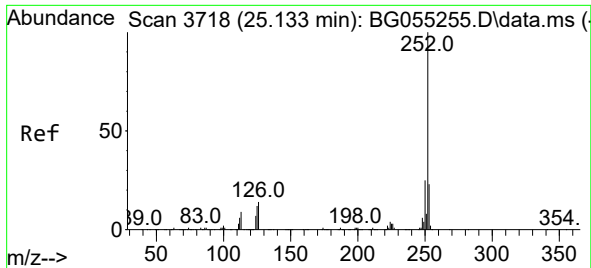
Ion Ratio Lower Upper

252 100

253 24.6 18.6 27.8

125 15.1 9.1 13.7#

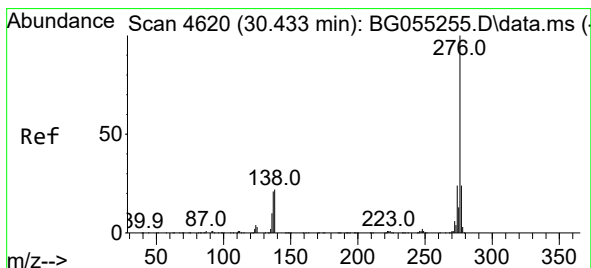
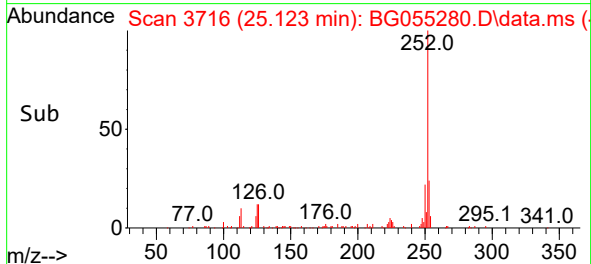
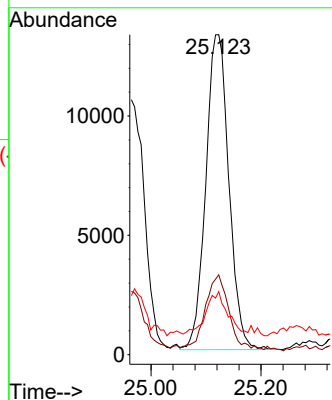
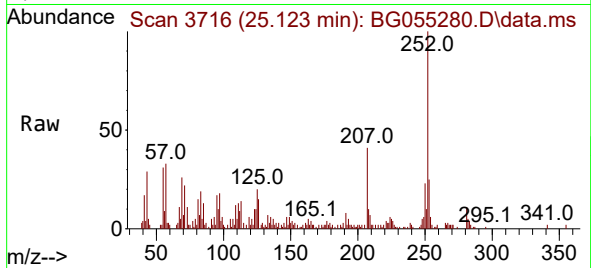




#90
Benzo(a)pyrene
Concen: 2.980 ng
RT: 25.123 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 38452
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 19.7 9.8 14.8#



#92
Benzo(g,h,i)perylene
Concen: 2.140 ng
RT: 30.399 min Scan# 4614
Delta R.T. -0.033 min
Lab File: BG055280.D
Acq: 25 Oct 2022 17:49

Tgt Ion:276 Resp: 32171
Ion Ratio Lower Upper
276 100
277 30.4 19.1 28.7#
138 26.6 17.2 25.8#

