

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056177.D
 Acq On : 30 Dec 2022 19:17
 Operator : CG/JU
 Sample : N6220-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1DL

Quant Time: Dec 31 00:20:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

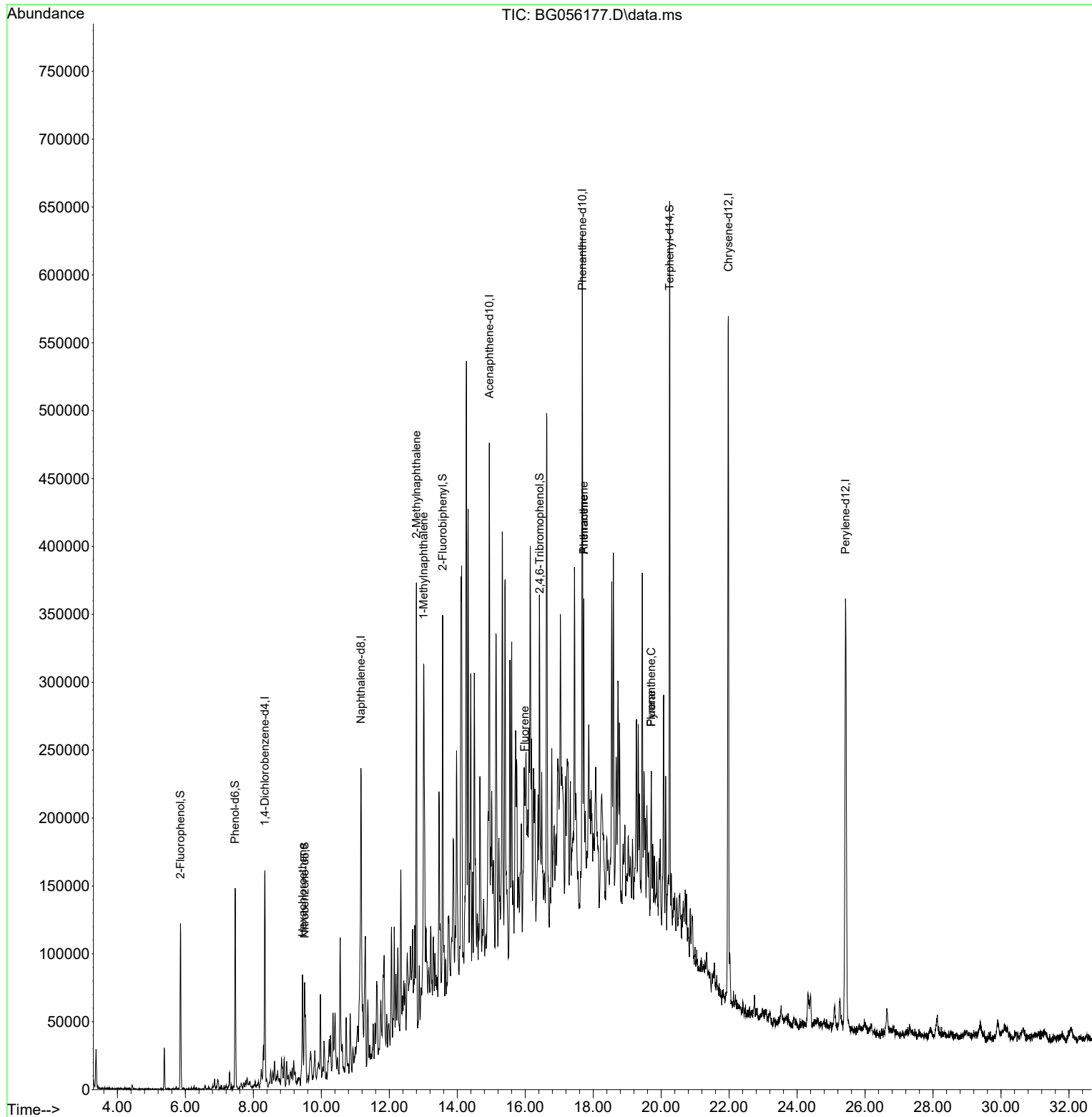
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.341	152	52515	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	185923	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	136506	20.000	ng	0.00
64) Phenanthrene-d10	17.683	188	320407	20.000	ng	0.00
76) Chrysene-d12	21.978	240	349645	20.000	ng	0.00
86) Perylene-d12	25.427	264	385448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	69641	23.678	ng	0.00
7) Phenol-d6	7.465	99	98901	21.896	ng	0.00
23) Nitrobenzene-d5	9.510	82	51726	14.231	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	35521	20.546	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	150276	15.202	ng	0.00
79) Terphenyl-d14	20.250	244	279104	14.297	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.451	117	7594	6.988	ng	# 1
37) 2-Methylnaphthalene	12.800	142	168582	20.405	ng	100
38) 1-Methylnaphthalene	13.012	142	120083	15.652	ng	95
58) Fluorene	15.985	166	31039	2.855	ng	# 89
71) Phenanthrene	17.724	178	134077	8.075	ng	99
72) Anthracene	17.724	178	134077	7.828	ng	96
75) Fluoranthene	19.710	202	64138	2.961	ng	95
78) Pyrene	19.710	202	64138	2.603	ng	98

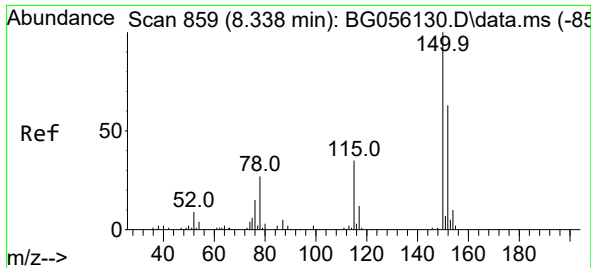
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
Data File : BG056177.D
Acq On : 30 Dec 2022 19:17
Operator : CG/JU
Sample : N6220-01DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1DL

Quant Time: Dec 31 00:20:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

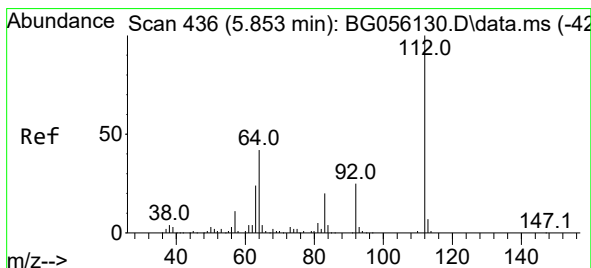
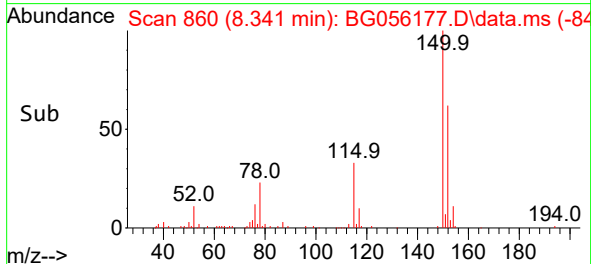
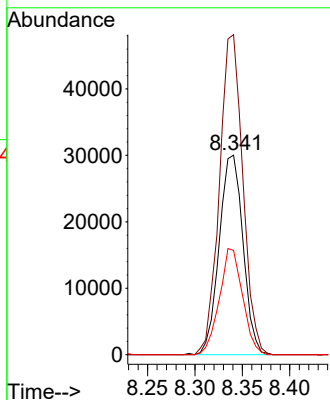
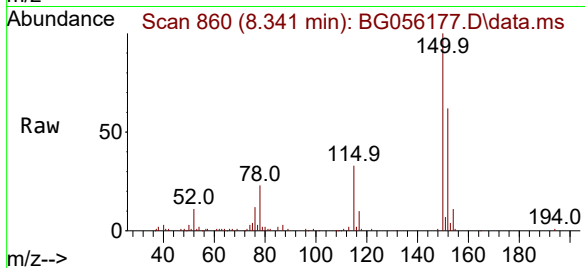




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.341 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

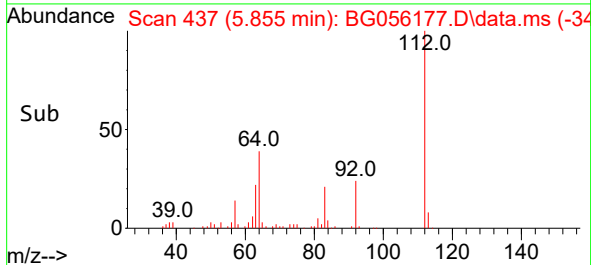
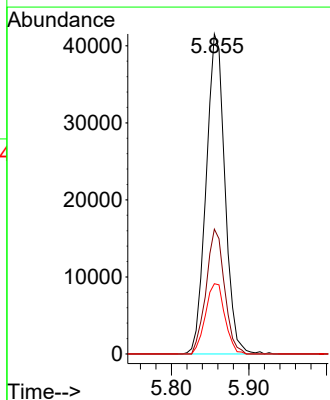
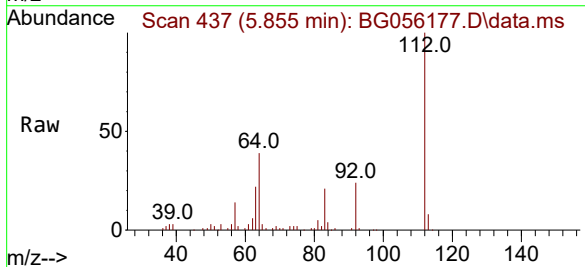
Instrument :
 BNA_G
 ClientSampleId :
 TP-1DL

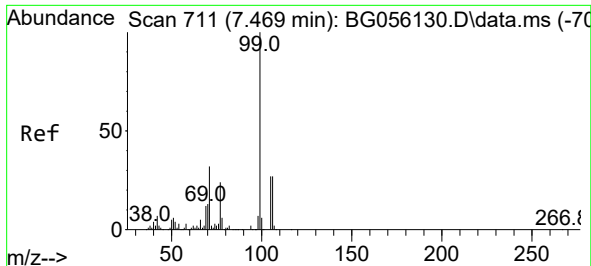
Tgt Ion:152 Resp: 52515
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.9 191.9
 115 52.3 44.2 66.2



#5
 2-Fluorophenol
 Concen: 23.678 ng
 RT: 5.855 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

Tgt Ion:112 Resp: 69641
 Ion Ratio Lower Upper
 112 100
 64 39.0 33.3 49.9
 63 21.9 19.0 28.4

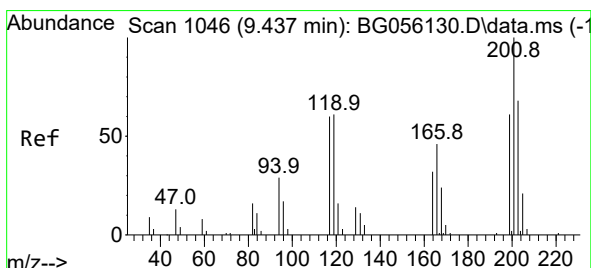
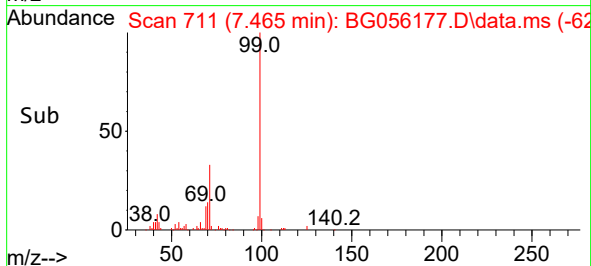
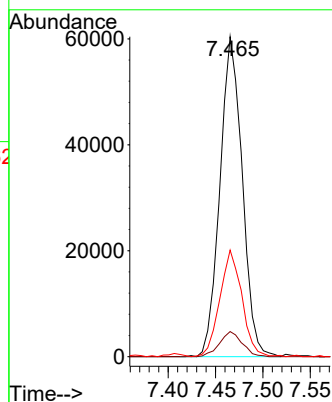
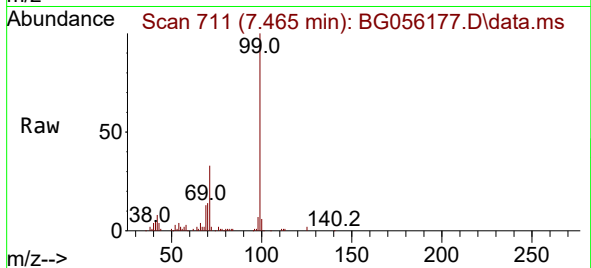




#7
Phenol-d6
Concen: 21.896 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

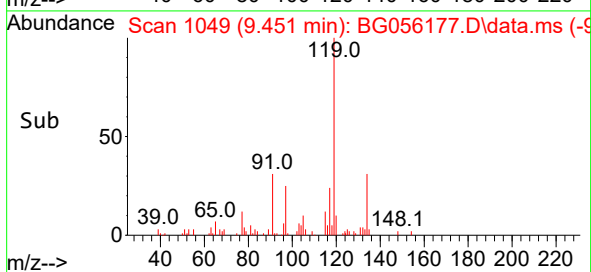
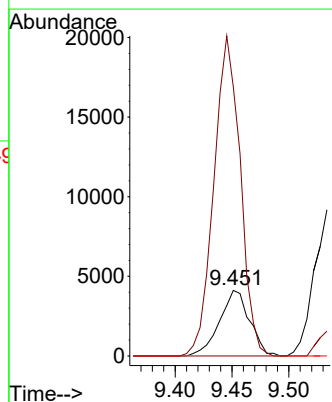
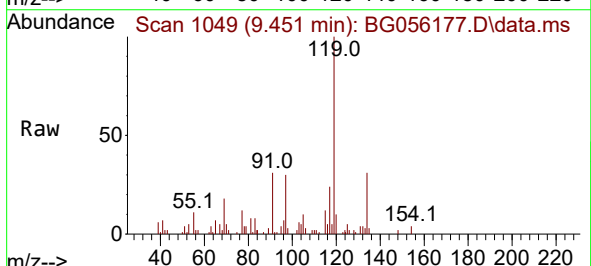
Instrument :
BNA_G
ClientSampleId :
TP-1DL

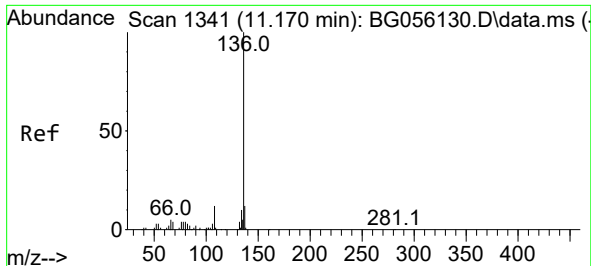
Tgt Ion: 99 Resp: 98901
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 33.3 25.4 38.2



#18
Hexachloroethane
Concen: 6.988 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.014 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion: 117 Resp: 7594
Ion Ratio Lower Upper
117 100
119 409.7 81.8 122.6#
201 0.0 134.2 201.2#

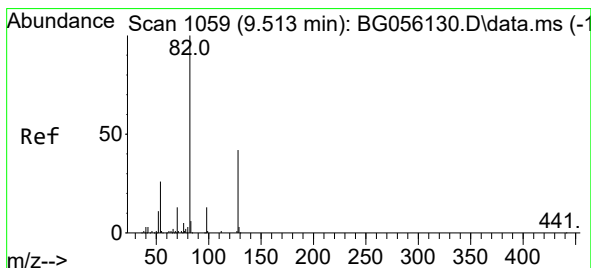
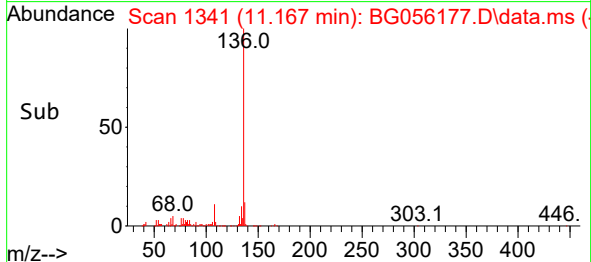
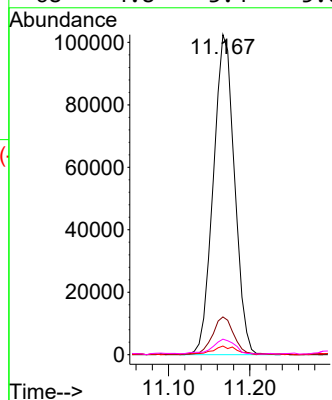
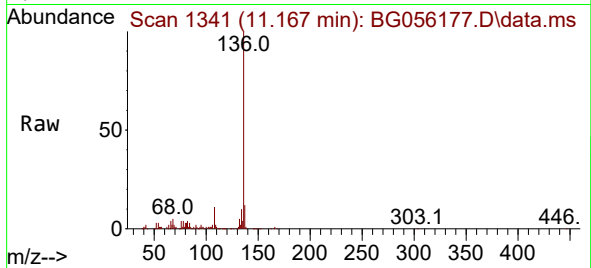




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

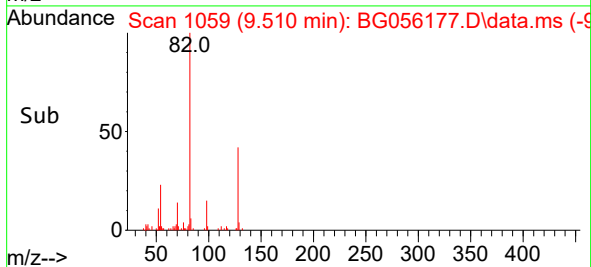
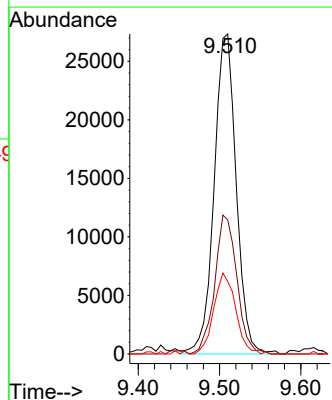
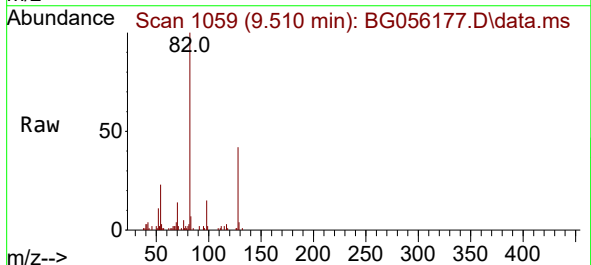
Instrument :
BNA_G
ClientSampleId :
TP-1DL

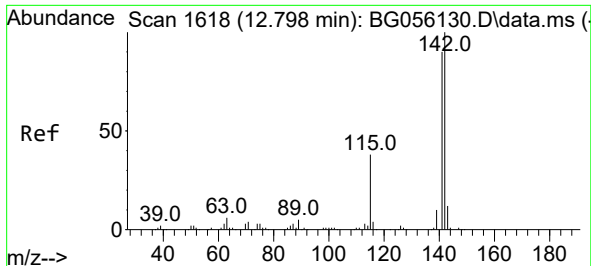
Tgt Ion:136 Resp: 185923
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 2.7 2.2 3.2
68 4.8 3.4 5.0



#23
Nitrobenzene-d5
Concen: 14.231 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion: 82 Resp: 51726
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.2
54 22.6 20.3 30.5





#37

2-Methylnaphthalene

Concen: 20.405 ng

RT: 12.800 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056177.D

Acq: 30 Dec 2022 19:17

Instrument :

BNA_G

ClientSampleId :

TP-1DL

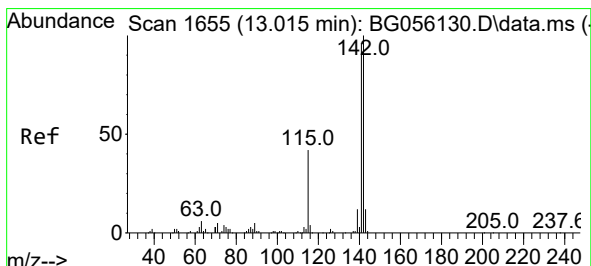
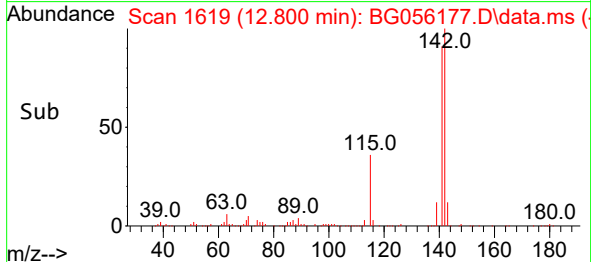
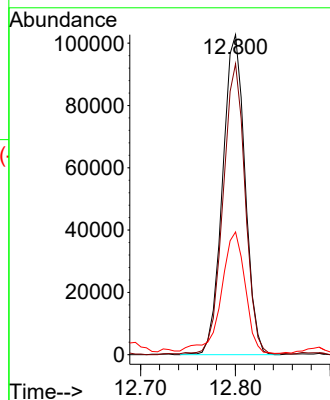
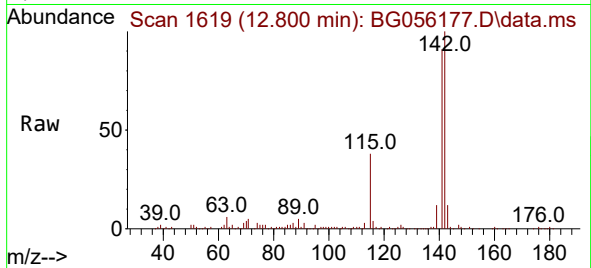
Tgt Ion:142 Resp: 168582

Ion Ratio Lower Upper

142 100

141 90.9 72.2 108.4

115 38.3 30.7 46.1



#38

1-Methylnaphthalene

Concen: 15.652 ng

RT: 13.012 min Scan# 1655

Delta R.T. -0.003 min

Lab File: BG056177.D

Acq: 30 Dec 2022 19:17

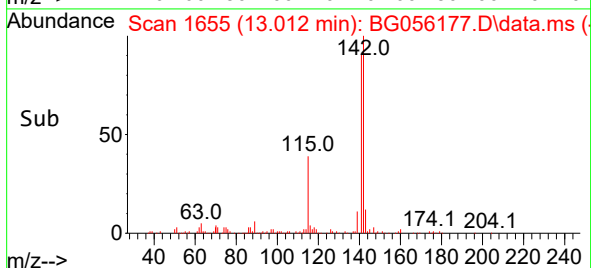
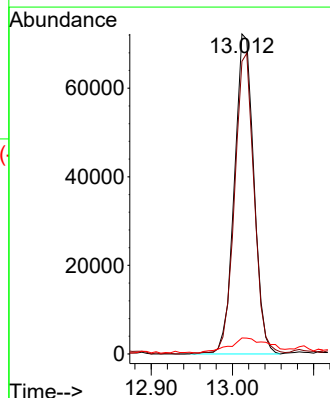
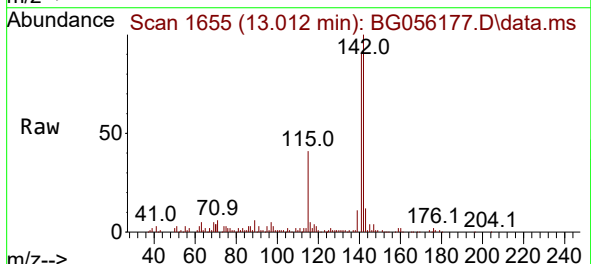
Tgt Ion:142 Resp: 120083

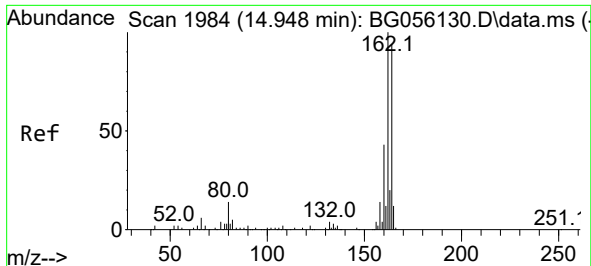
Ion Ratio Lower Upper

142 100

141 91.5 77.0 115.6

116 5.0 3.6 5.4

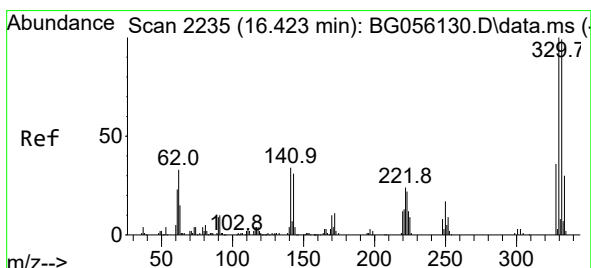
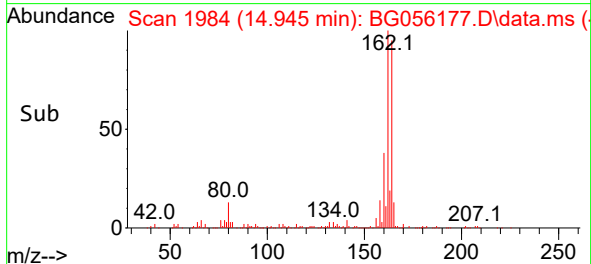
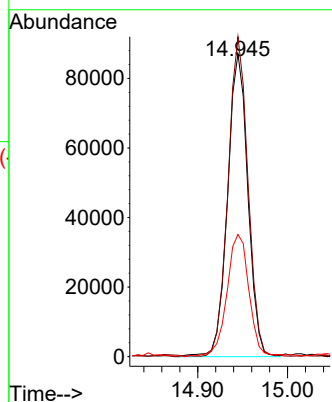
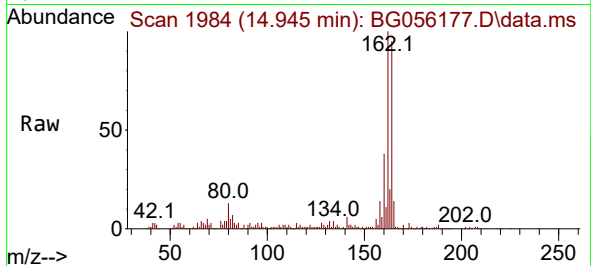




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

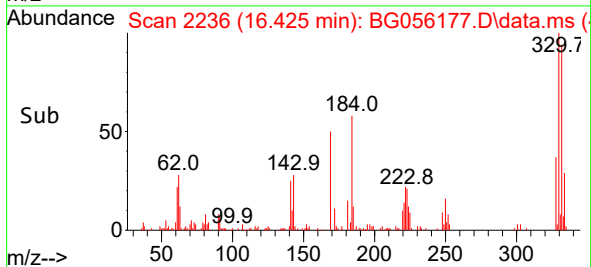
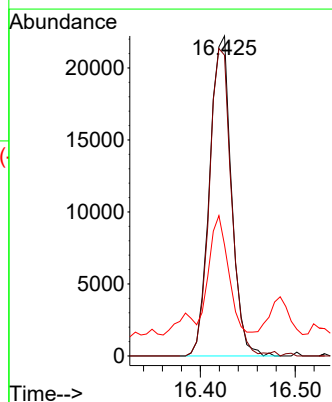
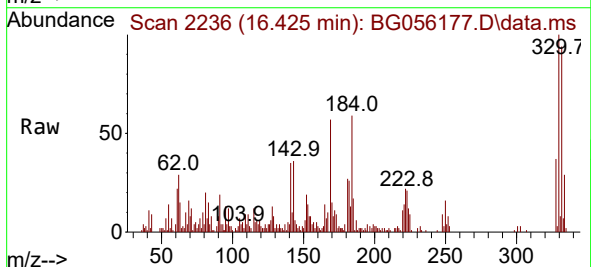
Instrument :
BNA_G
ClientSampleId :
TP-1DL

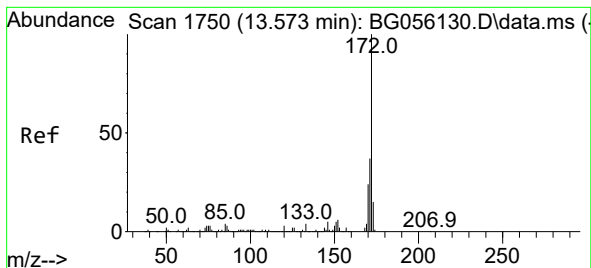
Tgt Ion:164 Resp: 136506
Ion Ratio Lower Upper
164 100
162 105.6 84.7 127.1
160 40.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 20.546 ng
RT: 16.425 min Scan# 2236
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion:330 Resp: 35521
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 34.1 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 15.202 ng

RT: 13.570 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056177.D

Acq: 30 Dec 2022 19:17

Instrument :

BNA_G

ClientSampleId :

TP-1DL

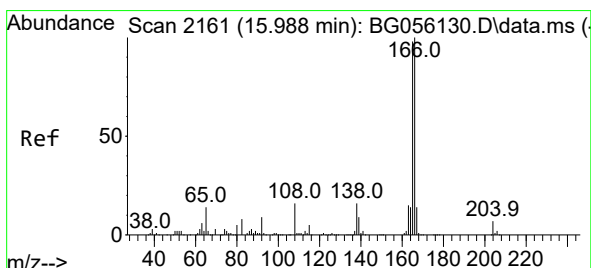
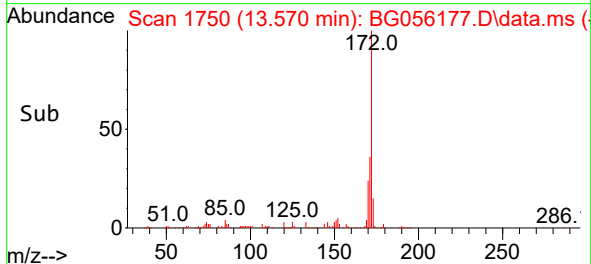
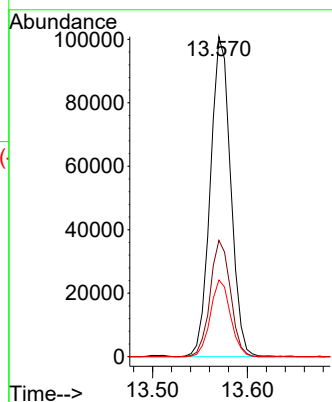
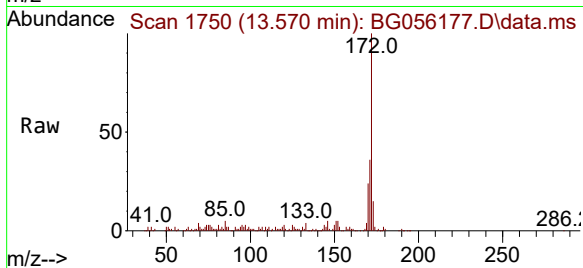
Tgt Ion:172 Resp: 150276

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.9 19.4 29.2



#58

Fluorene

Concen: 2.855 ng

RT: 15.985 min Scan# 2161

Delta R.T. -0.003 min

Lab File: BG056177.D

Acq: 30 Dec 2022 19:17

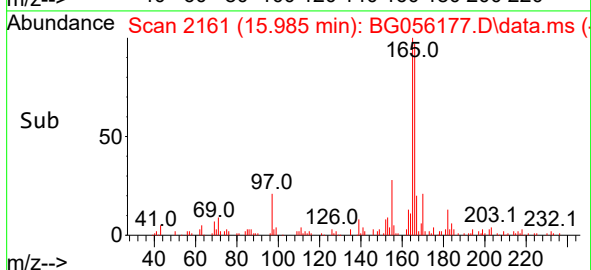
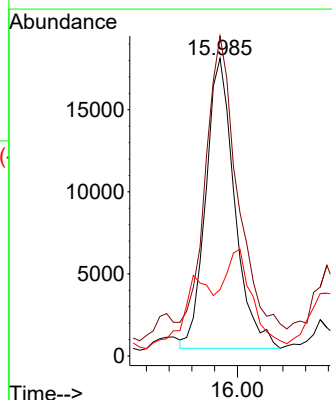
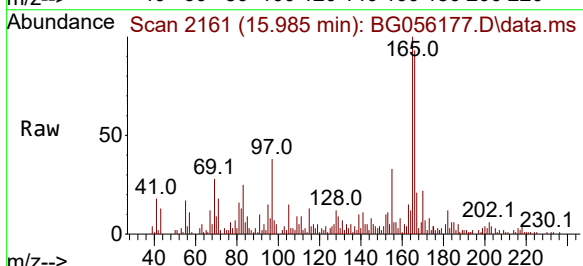
Tgt Ion:166 Resp: 31039

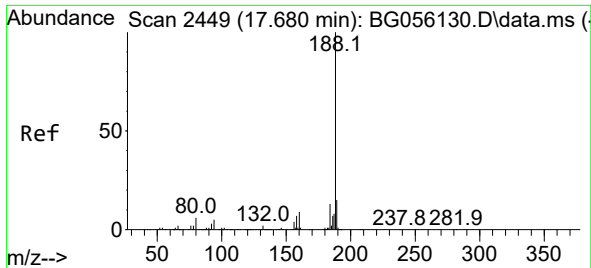
Ion Ratio Lower Upper

166 100

165 107.5 78.6 118.0

167 22.3 11.1 16.7#

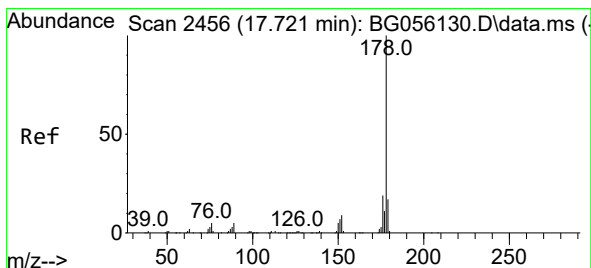
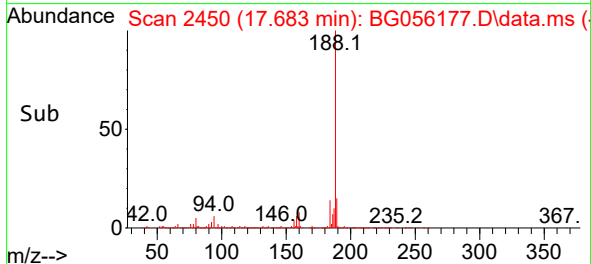
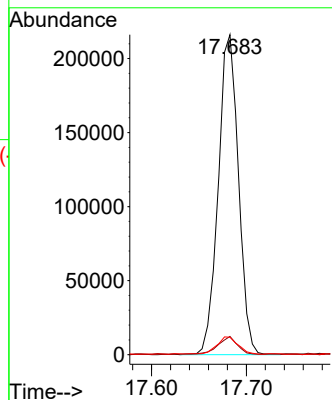
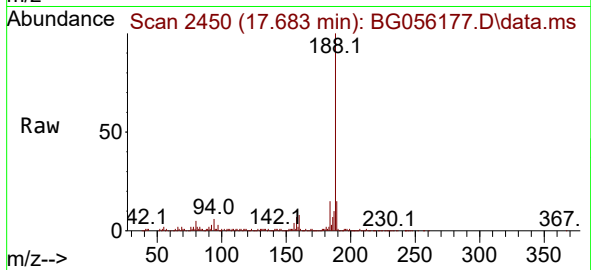




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.683 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

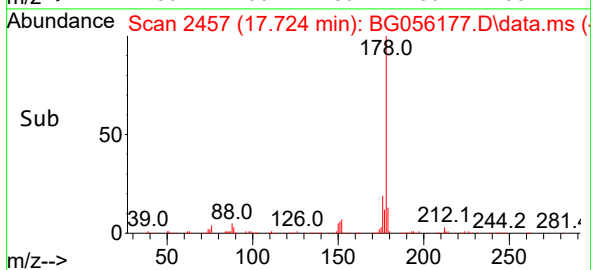
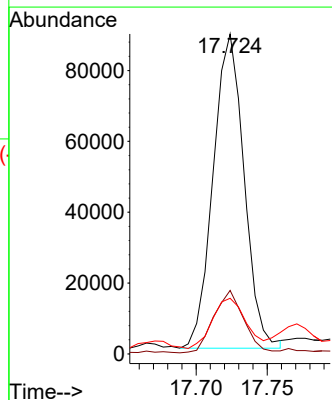
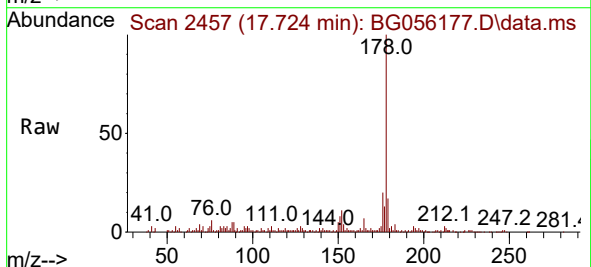
Instrument :
BNA_G
ClientSampleId :
TP-1DL

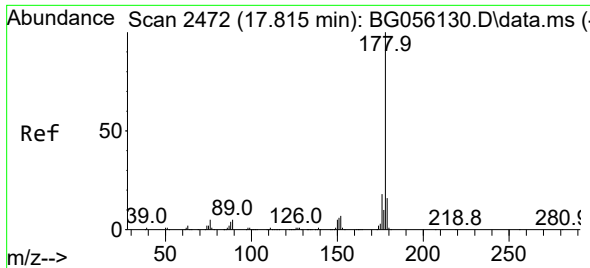
Tgt Ion:188 Resp: 320407
Ion Ratio Lower Upper
188 100
94 5.7 4.2 6.2
80 5.4 5.0 7.4



#71
Phenanthrene
Concen: 8.075 ng
RT: 17.724 min Scan# 2457
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion:178 Resp: 134077
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.0
179 17.4 13.6 20.4

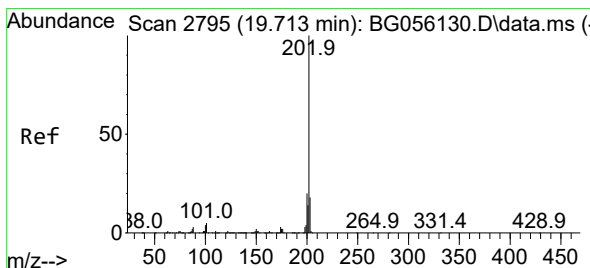
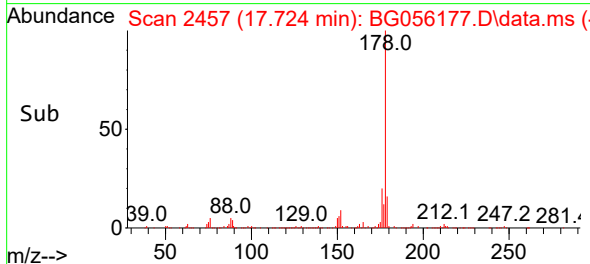
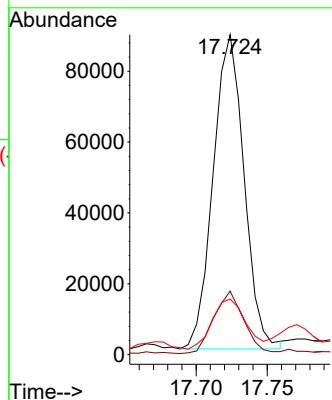
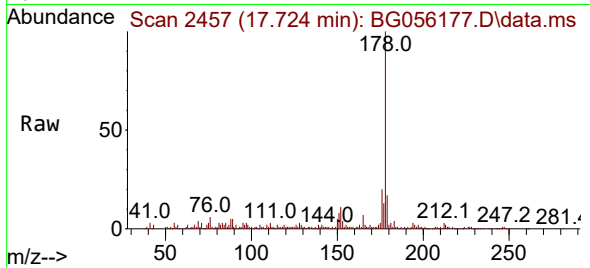




#72
 Anthracene
 Concen: 7.828 ng
 RT: 17.724 min Scan# 2472
 Delta R.T. -0.091 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

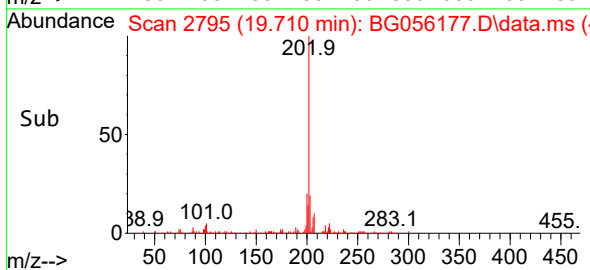
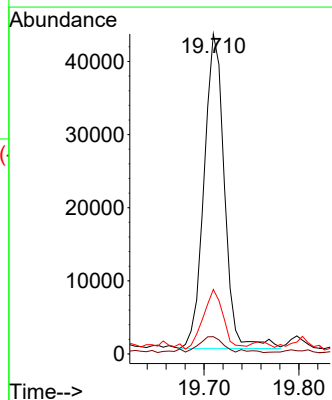
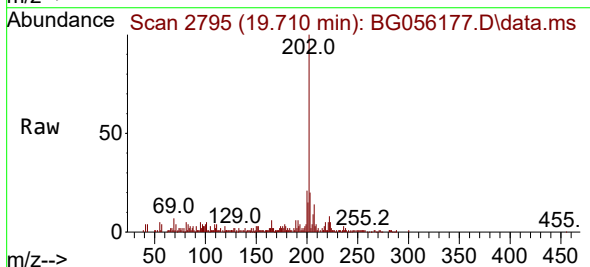
Instrument :
 BNA_G
 ClientSampleId :
 TP-1DL

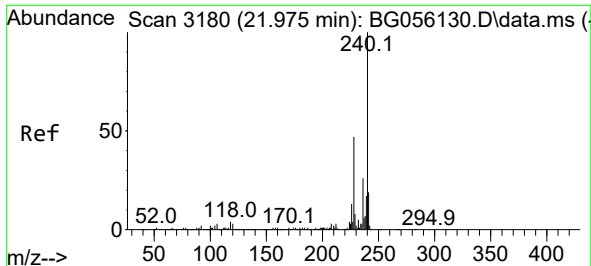
Tgt Ion:178 Resp: 134077
 Ion Ratio Lower Upper
 178 100
 176 19.8 14.6 22.0
 179 17.4 12.7 19.1



#75
 Fluoranthene
 Concen: 2.961 ng
 RT: 19.710 min Scan# 2795
 Delta R.T. -0.003 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

Tgt Ion:202 Resp: 64138
 Ion Ratio Lower Upper
 202 100
 101 6.7 0.0 25.0
 203 20.2 0.0 38.0

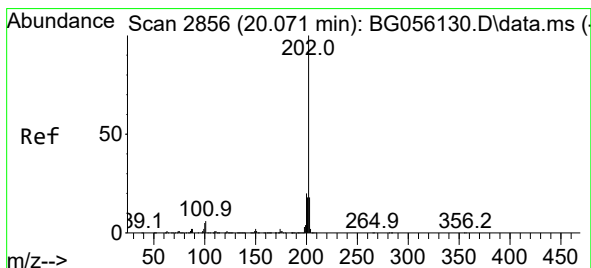
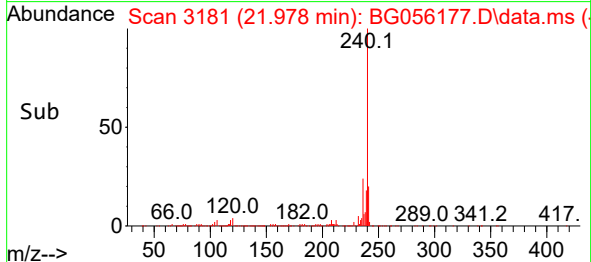
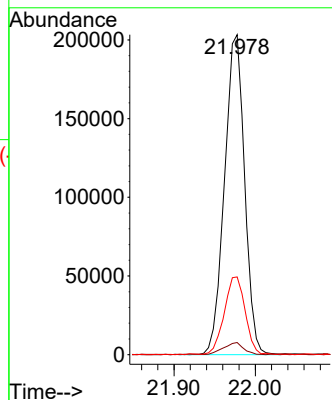
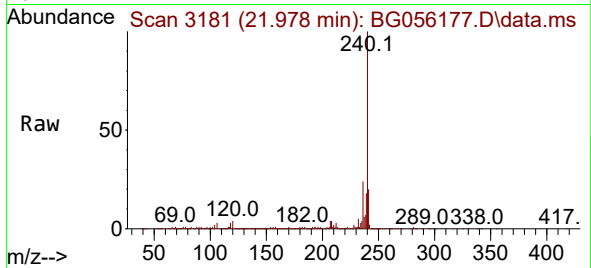




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.978 min Scan# 3180
Delta R.T. 0.003 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

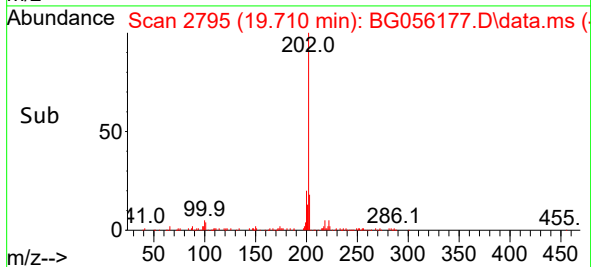
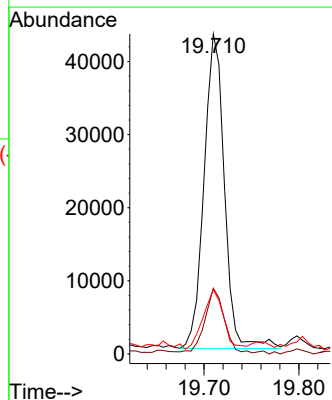
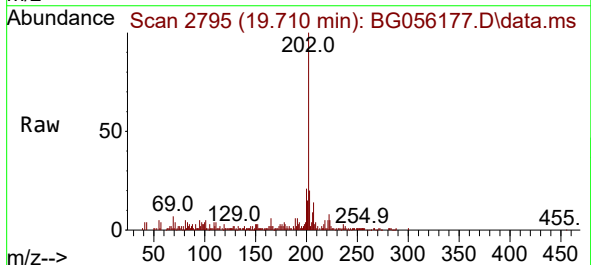
Instrument :
BNA_G
ClientSampleId :
TP-1DL

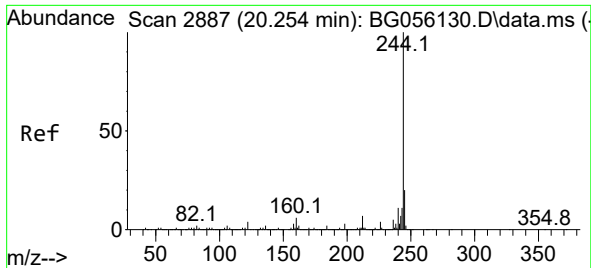
Tgt Ion:240 Resp: 349645
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 24.3 20.8 31.2



#78
Pyrene
Concen: 2.603 ng
RT: 19.710 min Scan# 2795
Delta R.T. -0.362 min
Lab File: BG056177.D
Acq: 30 Dec 2022 19:17

Tgt Ion:202 Resp: 64138
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 20.2 14.3 21.5

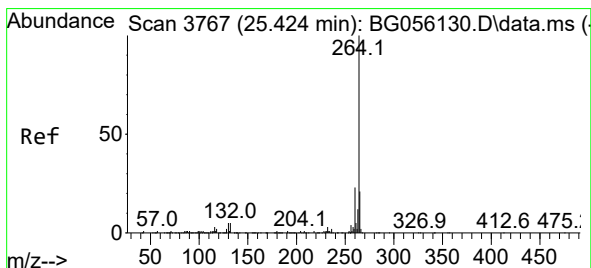
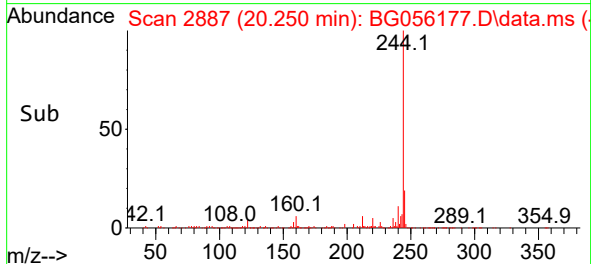
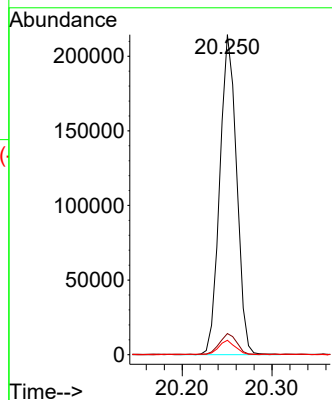
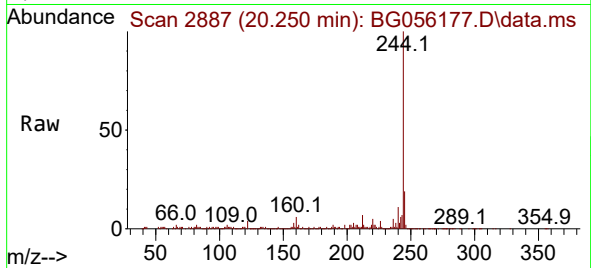




#79
 Terphenyl-d14
 Concen: 14.297 ng
 RT: 20.250 min Scan# 2887
 Delta R.T. -0.003 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

Instrument :
 BNA_G
 ClientSampleId :
 TP-1DL

Tgt Ion:244 Resp: 279104
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 4.5 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 3768
 Delta R.T. 0.003 min
 Lab File: BG056177.D
 Acq: 30 Dec 2022 19:17

Tgt Ion:264 Resp: 385448
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 28.0
 265 21.5 16.7 25.1

