

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056178.D
 Acq On : 30 Dec 2022 19:58
 Operator : CG/JU
 Sample : N6237-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-122922

Quant Time: Dec 31 00:20:30 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)

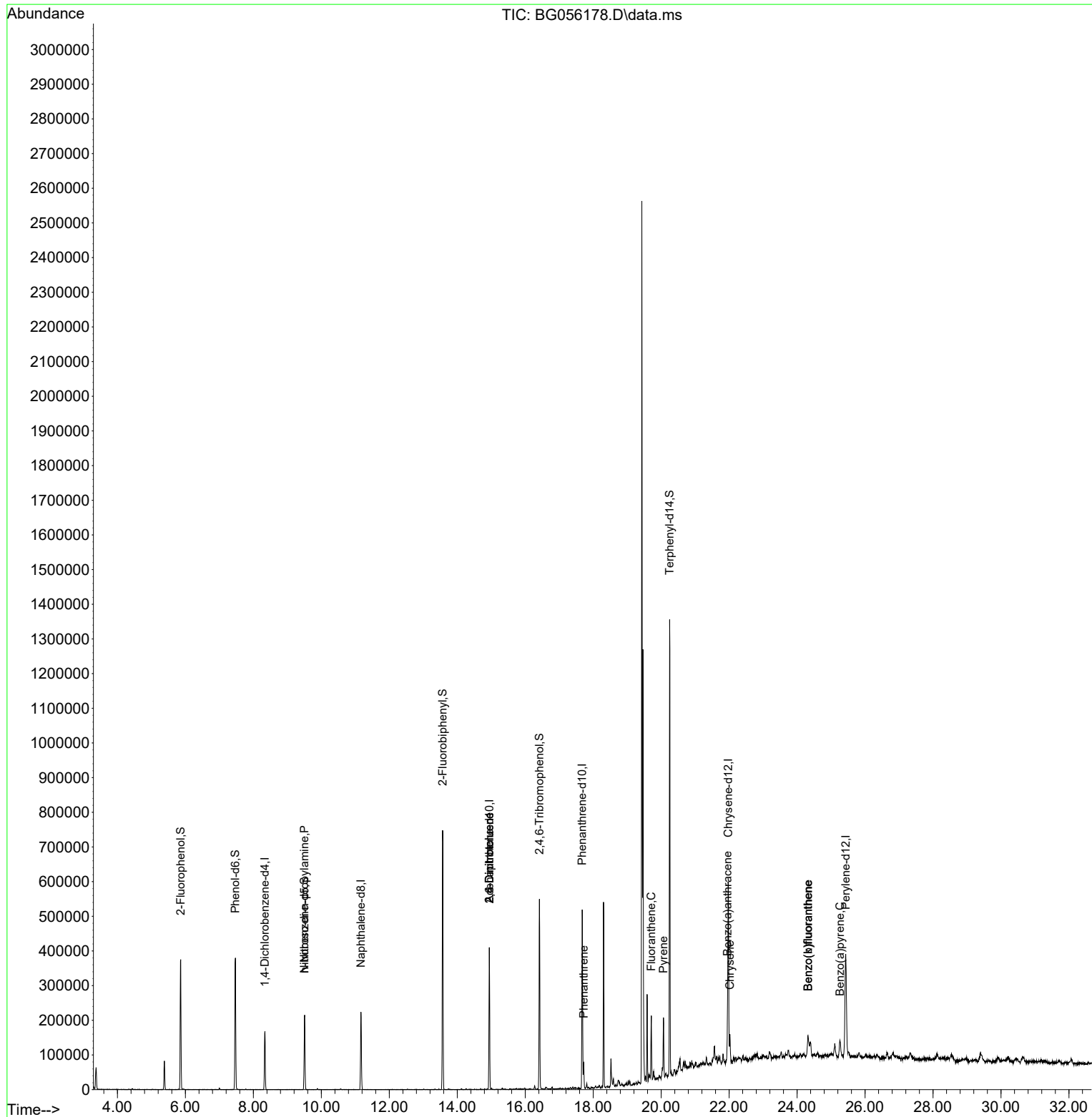
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	55566	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	203090	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	152717	20.000	ng	0.00
64) Phenanthrene-d10	17.676	188	359062	20.000	ng	0.00
76) Chrysene-d12	21.971	240	348727	20.000	ng	0.00
86) Perylene-d12	25.432	264	374458	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	216426	69.544	ng	0.00
7) Phenol-d6	7.471	99	294742	61.671	ng	0.00
23) Nitrobenzene-d5	9.504	82	151914	38.262	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	112810	58.326	ng	0.00
45) 2-Fluorobiphenyl	13.569	172	428734	38.767	ng	0.00
79) Terphenyl-d14	20.250	244	710564	36.494	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.504	70	18797	6.468	ng	# 74
51) 2,6-Dinitrotoluene	14.944	165	20164	7.676	ng	# 33
57) 2,4-Dinitrotoluene	14.944	165	20164	5.489	ng	# 30
71) Phenanthrene	17.723	178	51531	2.769	ng	96
75) Fluoranthene	19.709	202	127454	5.251	ng	100
78) Pyrene	20.068	202	119651	4.868	ng	98
81) Benzo(a)anthracene	21.954	228	62400	2.548	ng	99
83) Chrysene	22.024	228	63941	2.787	ng	94
88) Benzo(b)fluoranthene	24.322	252	87305	3.670	ng	100
89) Benzo(k)fluoranthene	24.322	252	87305	3.685	ng	100
90) Benzo(a)pyrene	25.262	252	60678	2.615	ng	# 98

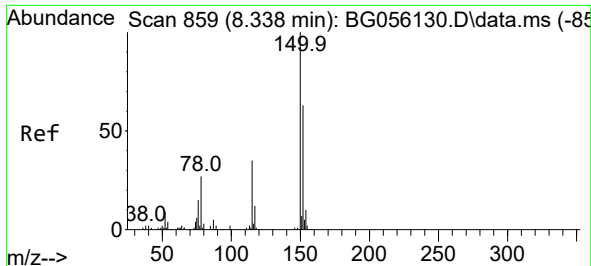
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
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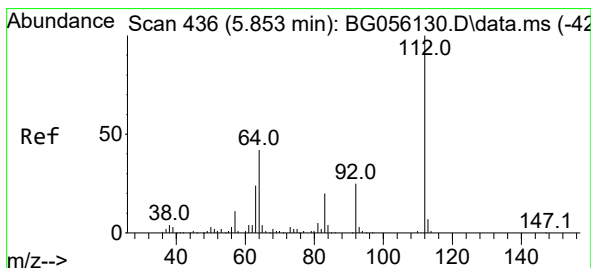
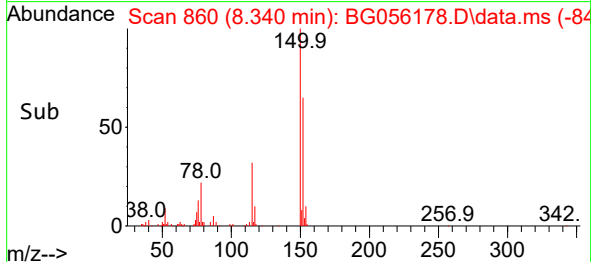
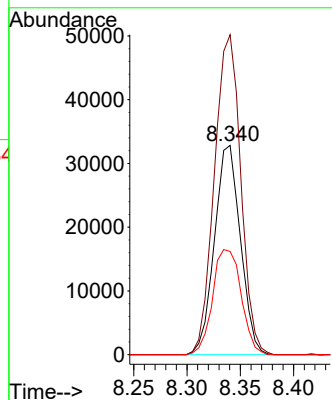
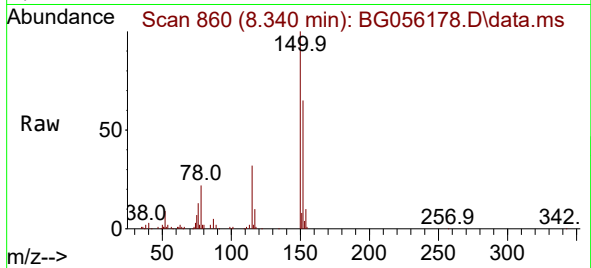




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

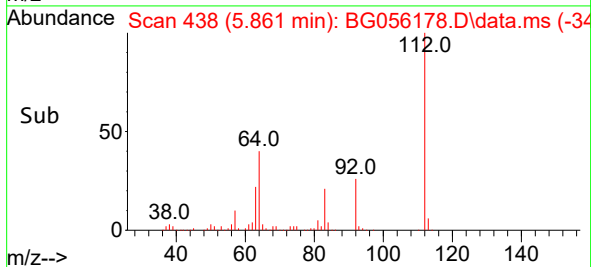
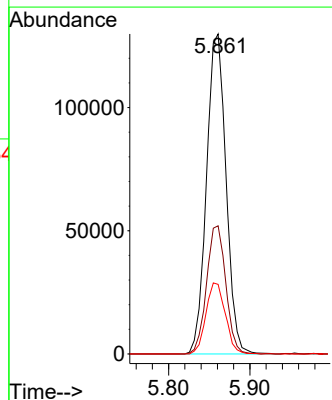
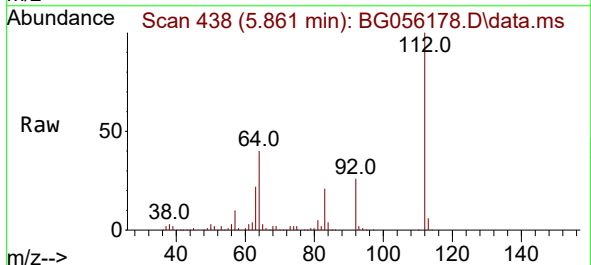
Instrument :
BNA_G
ClientSampleId :
TR-05-122922

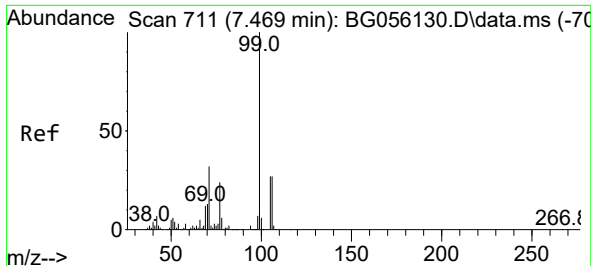
Tgt Ion:152 Resp: 55566
Ion Ratio Lower Upper
152 100
150 152.9 127.9 191.9
115 49.4 44.2 66.2



#5
2-Fluorophenol
Concen: 69.544 ng
RT: 5.861 min Scan# 438
Delta R.T. 0.008 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:112 Resp: 216426
Ion Ratio Lower Upper
112 100
64 40.1 33.3 49.9
63 21.7 19.0 28.4





#7

Phenol-d6

Concen: 61.671 ng

RT: 7.471 min Scan# 71

Delta R.T. 0.002 min

Lab File: BG056178.D

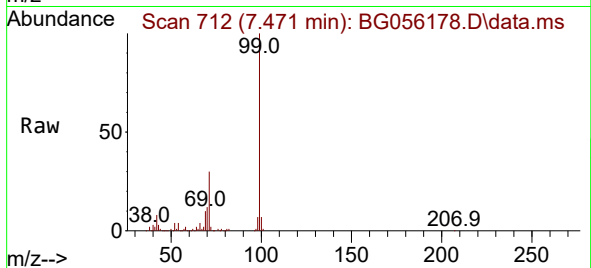
Acq: 30 Dec 2022 19:58

Instrument :

BNA_G

ClientSampleId :

TR-05-122922



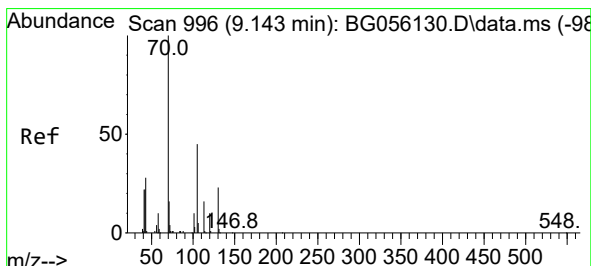
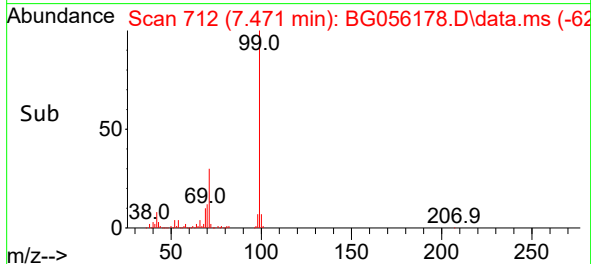
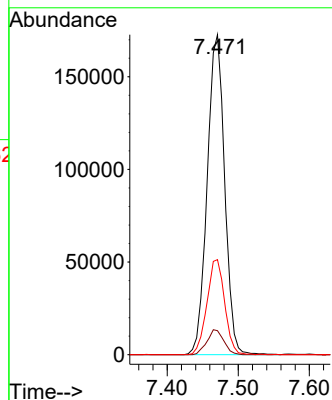
Tgt Ion: 99 Resp: 294742

Ion Ratio Lower Upper

99 100

42 7.5 5.9 8.9

71 29.7 25.4 38.2



#19

n-Nitroso-di-n-propylamine

Concen: 6.468 ng

RT: 9.504 min Scan# 1058

Delta R.T. 0.361 min

Lab File: BG056178.D

Acq: 30 Dec 2022 19:58

Tgt Ion: 70 Resp: 18797

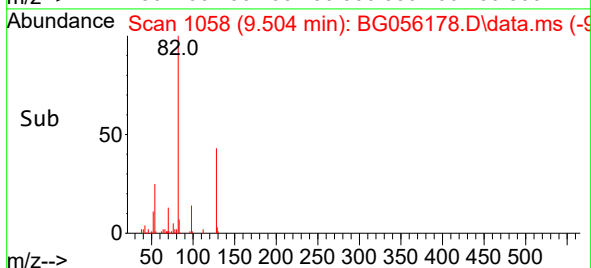
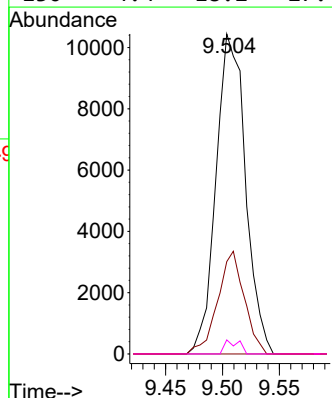
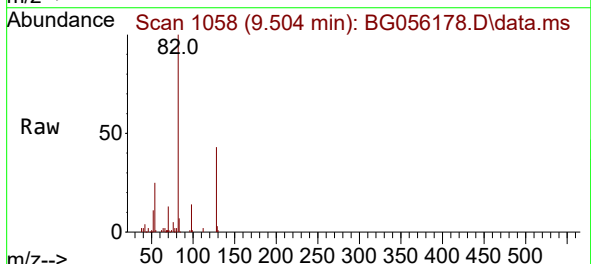
Ion Ratio Lower Upper

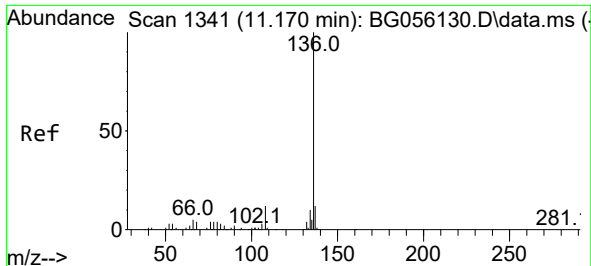
70 100

42 28.8 18.2 27.2#

101 0.0 8.3 12.5#

130 4.4 18.2 27.4#

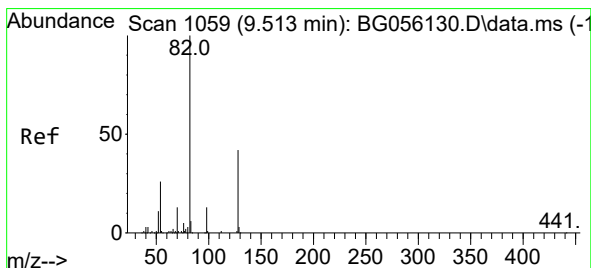
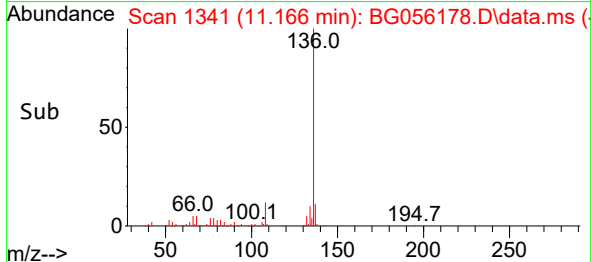
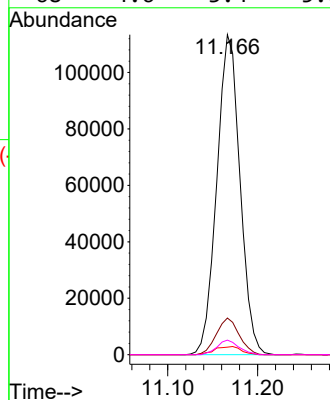
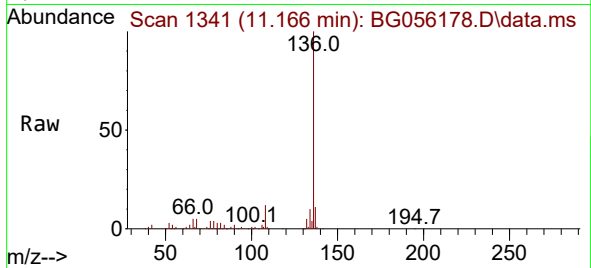




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

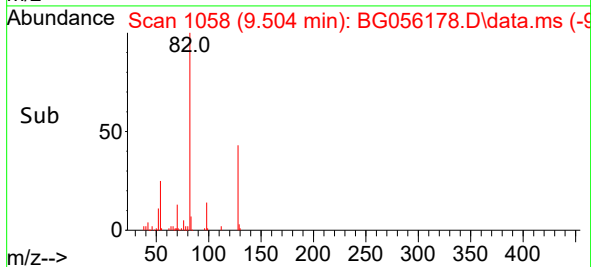
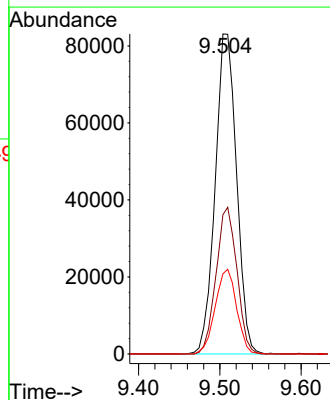
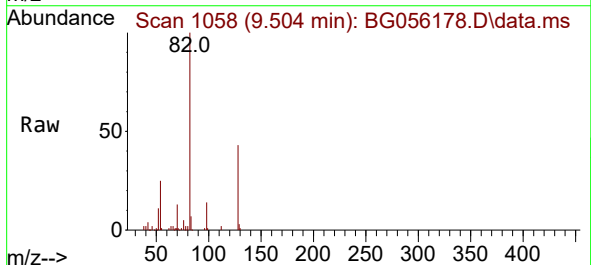
Instrument :
BNA_G
ClientSampleId :
TR-05-122922

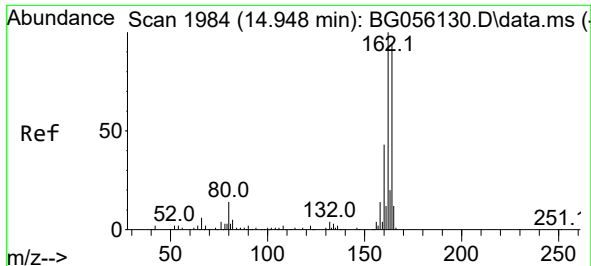
Tgt Ion:136 Resp: 203090
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.0
54 2.4 2.2 3.2
68 4.6 3.4 5.0



#23
Nitrobenzene-d5
Concen: 38.262 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.010 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion: 82 Resp: 151914
Ion Ratio Lower Upper
82 100
128 43.5 33.4 50.2
54 25.1 20.3 30.5

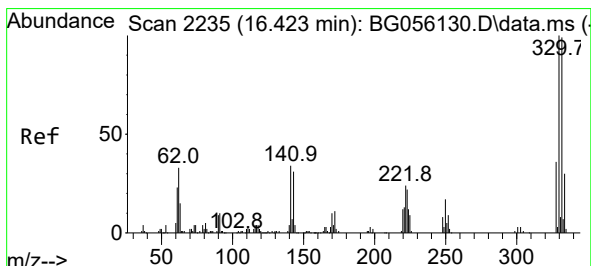
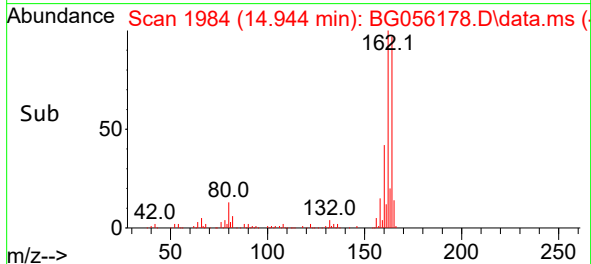
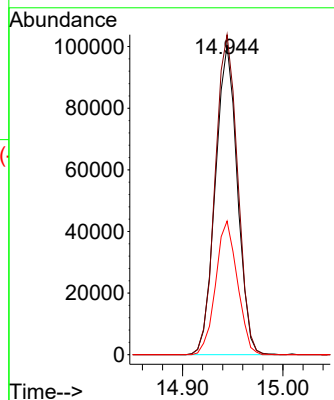
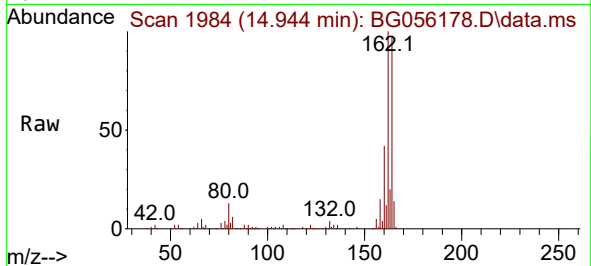




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

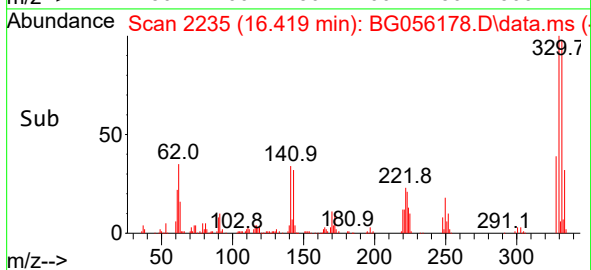
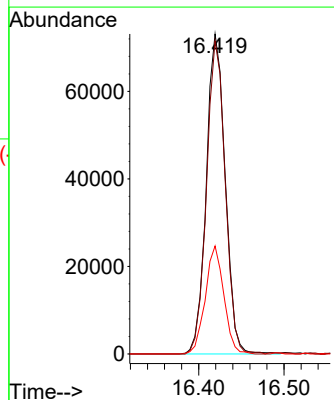
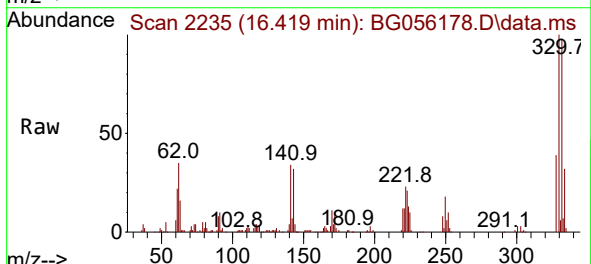
Instrument :
BNA_G
ClientSampleId :
TR-05-122922

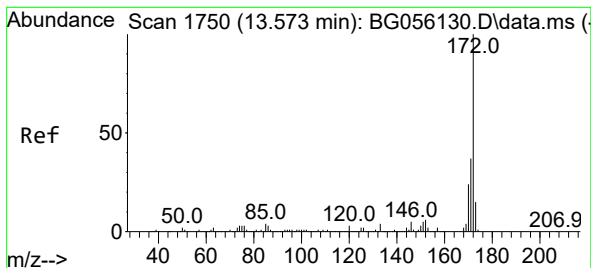
Tgt Ion:164 Resp: 152717
Ion Ratio Lower Upper
164 100
162 103.4 84.7 127.1
160 43.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 58.326 ng
RT: 16.419 min Scan# 2235
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:330 Resp: 112810
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 33.0 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 38.767 ng

RT: 13.569 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG056178.D

Acq: 30 Dec 2022 19:58

Instrument :

BNA_G

ClientSampleId :

TR-05-122922

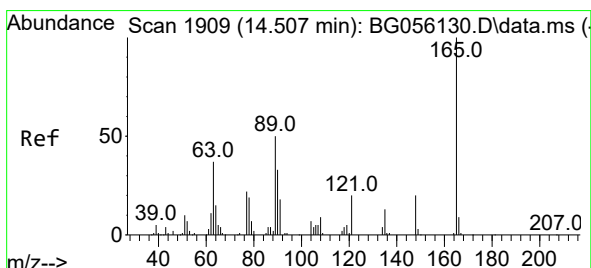
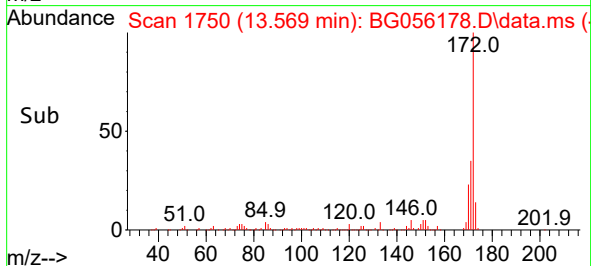
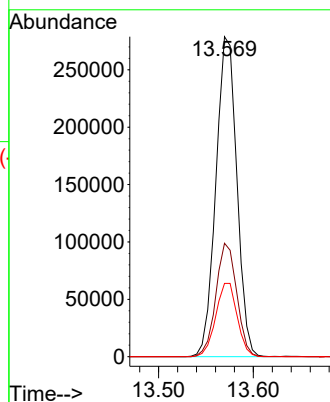
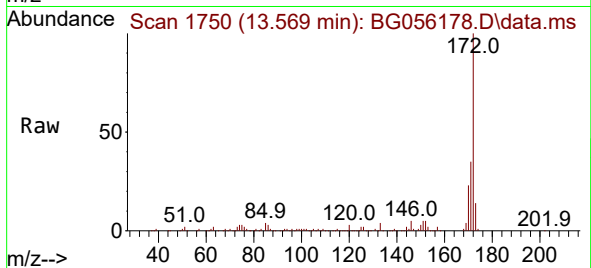
Tgt Ion:172 Resp: 428734

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

170 22.9 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.676 ng

RT: 14.944 min Scan# 1984

Delta R.T. 0.437 min

Lab File: BG056178.D

Acq: 30 Dec 2022 19:58

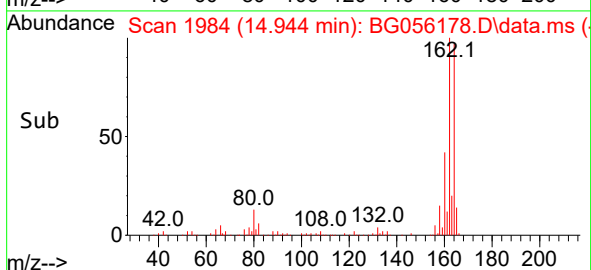
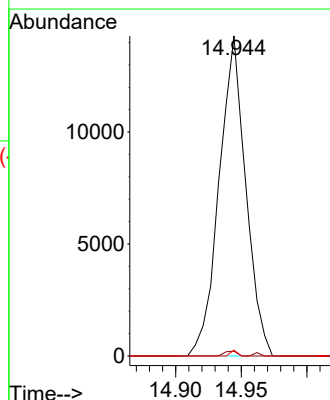
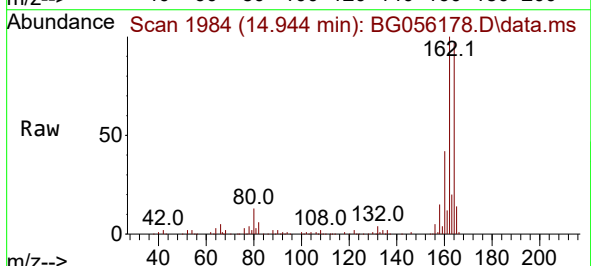
Tgt Ion:165 Resp: 20164

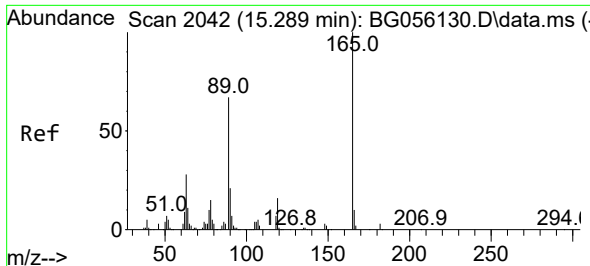
Ion Ratio Lower Upper

165 100

63 1.5 32.2 48.2#

89 1.8 39.8 59.8#

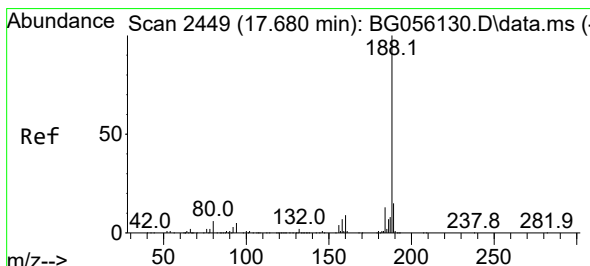
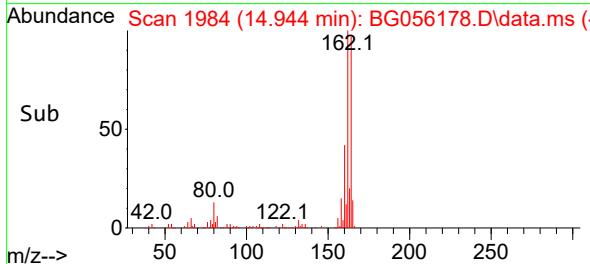
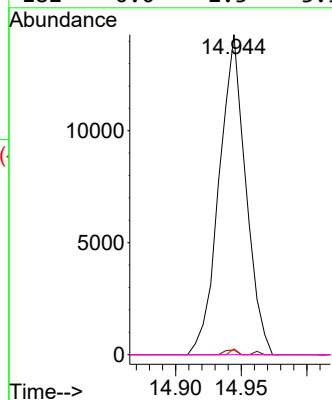
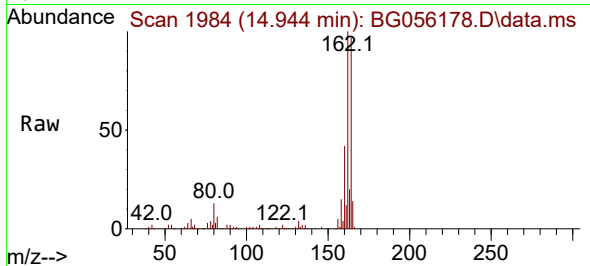




#57
2,4-Dinitrotoluene
Concen: 5.489 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.344 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

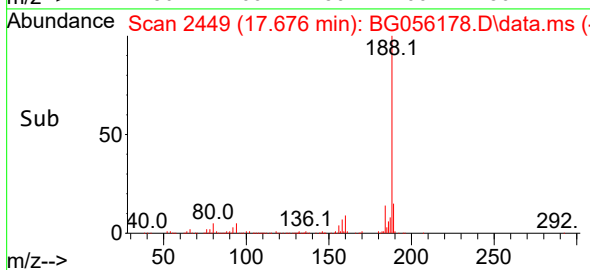
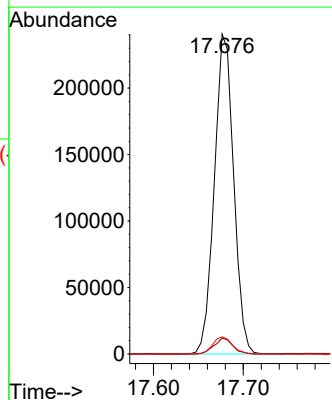
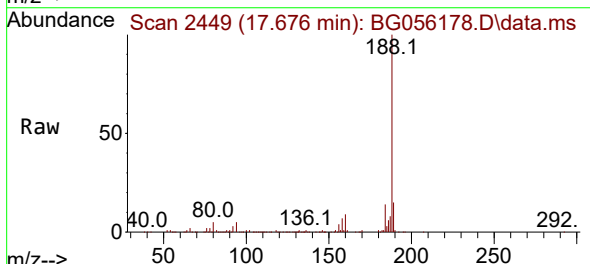
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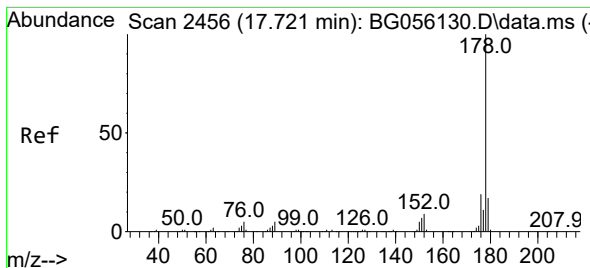
Tgt Ion:165 Resp: 20164
Ion Ratio Lower Upper
165 100
63 1.5 22.6 34.0#
89 1.8 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.676 min Scan# 2449
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:188 Resp: 359062
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 5.4 5.0 7.4





#71

Phenanthrene

Concen: 2.769 ng

RT: 17.723 min Scan# 2456

Delta R.T. 0.002 min

Lab File: BG056178.D

Acq: 30 Dec 2022 19:58

Instrument :

BNA_G

ClientSampleId :

TR-05-122922

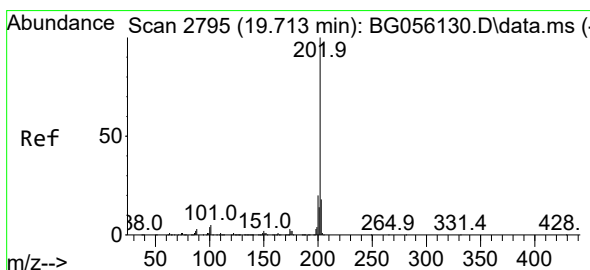
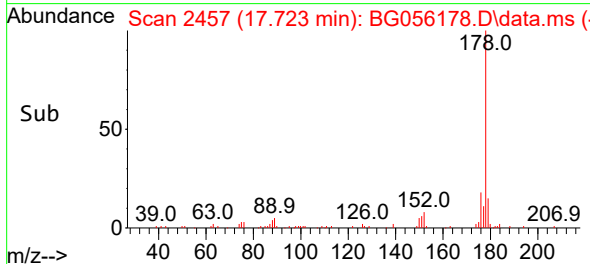
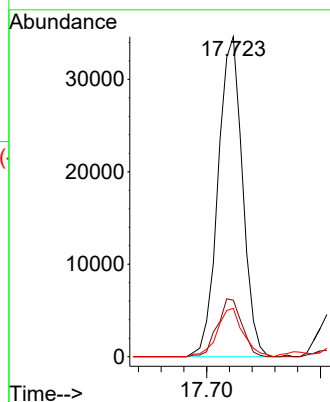
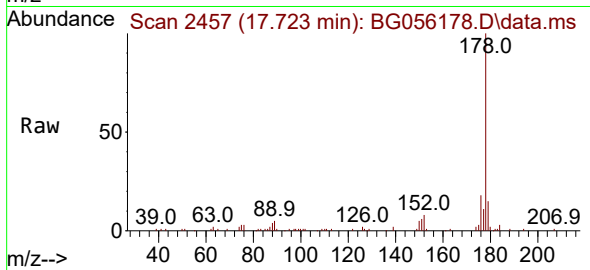
Tgt Ion:178 Resp: 51531

Ion Ratio Lower Upper

178 100

176 17.6 15.4 23.0

179 15.1 13.6 20.4



#75

Fluoranthene

Concen: 5.251 ng

RT: 19.709 min Scan# 2795

Delta R.T. -0.004 min

Lab File: BG056178.D

Acq: 30 Dec 2022 19:58

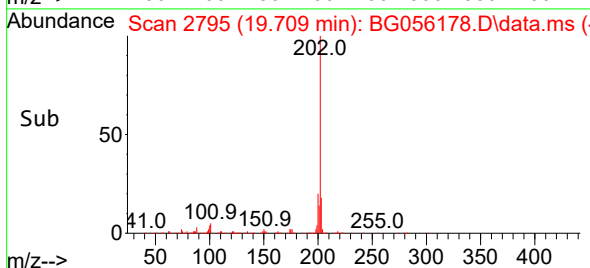
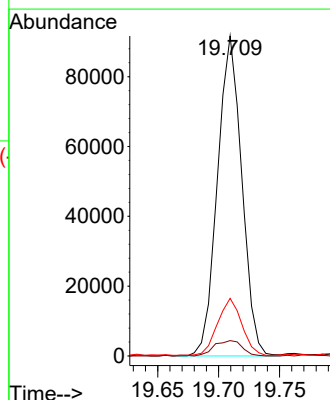
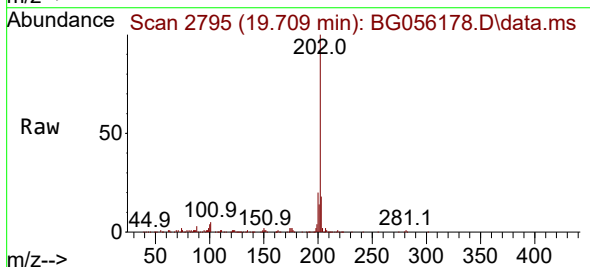
Tgt Ion:202 Resp: 127454

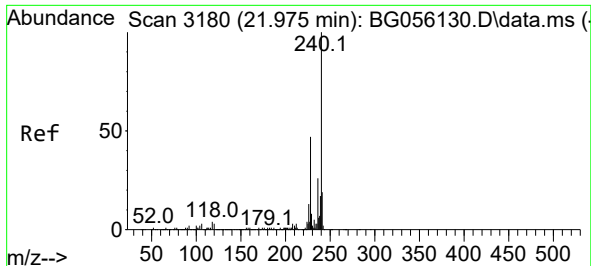
Ion Ratio Lower Upper

202 100

101 4.8 0.0 25.0

203 18.0 0.0 38.0

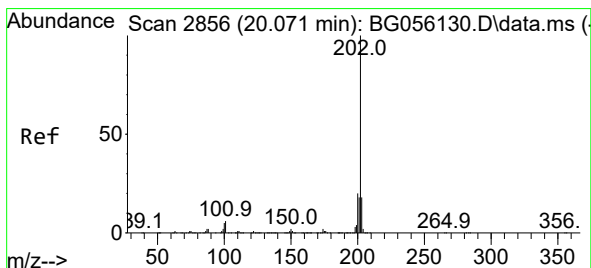
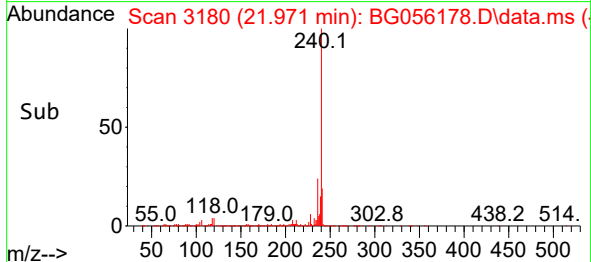
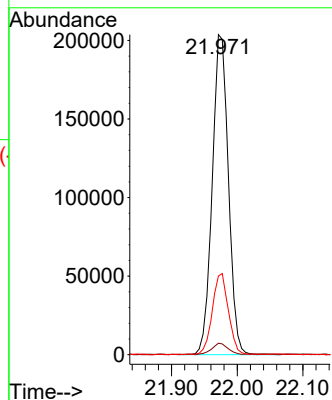
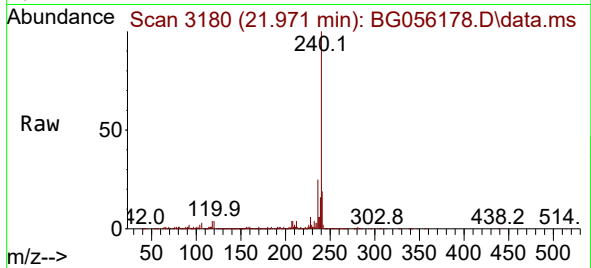




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.971 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

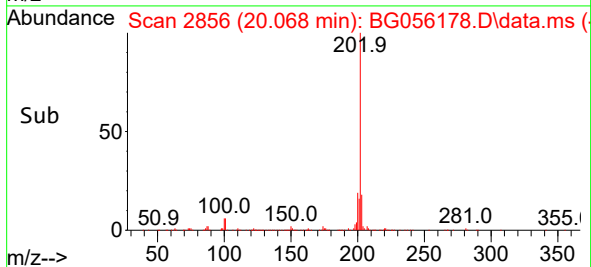
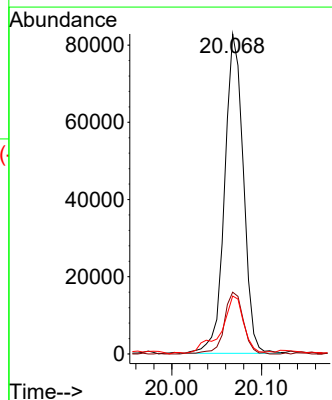
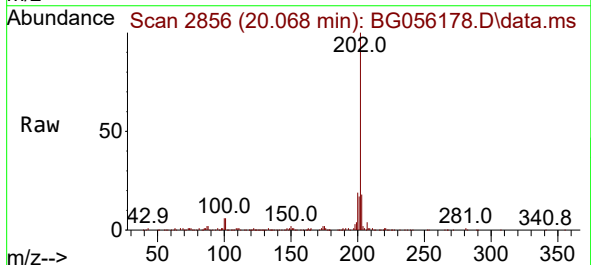
Instrument :
BNA_G
ClientSampleId :
TR-05-122922

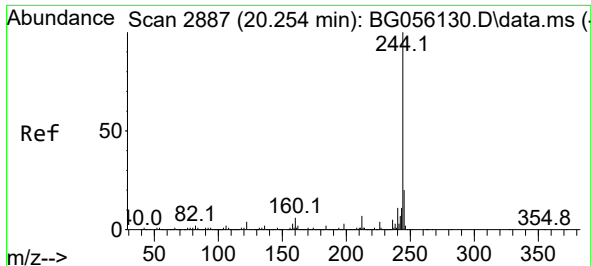
Tgt Ion:240 Resp: 348727
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 24.6 20.8 31.2



#78
Pyrene
Concen: 4.868 ng
RT: 20.068 min Scan# 2856
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:202 Resp: 119651
Ion Ratio Lower Upper
202 100
200 19.3 16.4 24.6
203 18.1 14.3 21.5

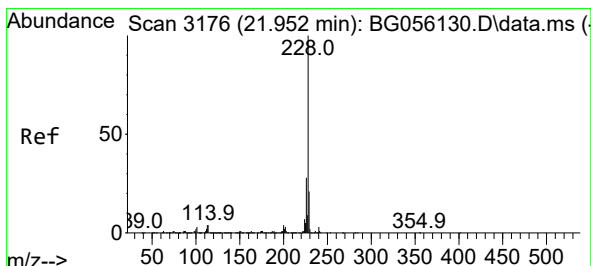
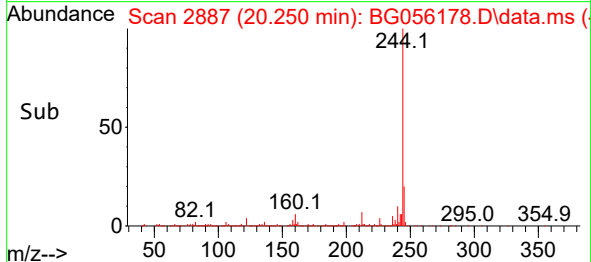
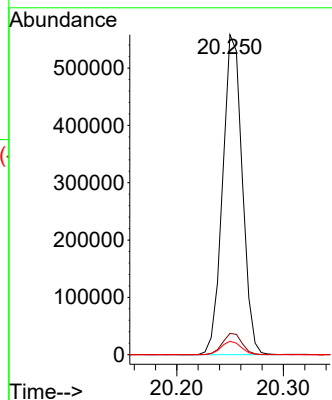
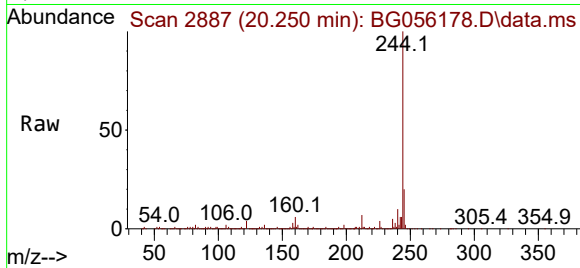




#79
 Terphenyl-d14
 Concen: 36.494 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056178.D
 Acq: 30 Dec 2022 19:58

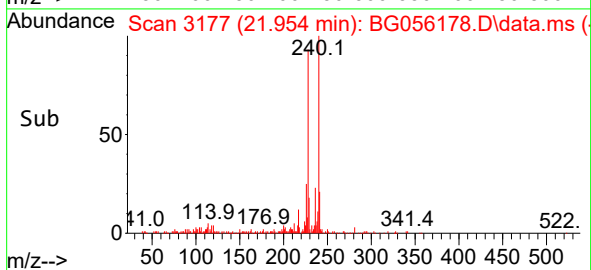
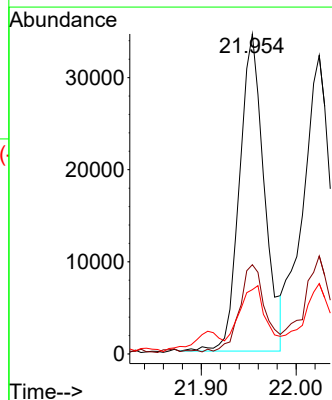
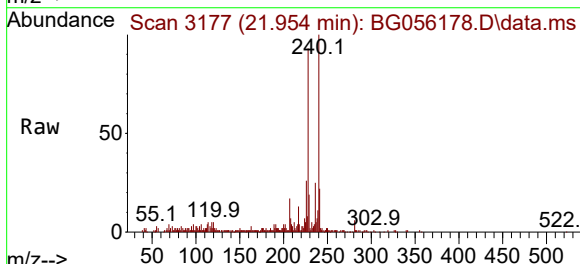
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-122922

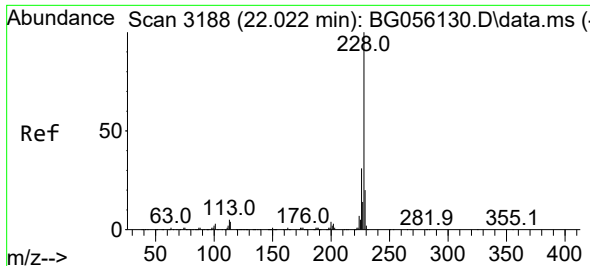
Tgt Ion:244 Resp: 710564
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 4.2 3.5 5.3



#81
 Benzo(a)anthracene
 Concen: 2.548 ng
 RT: 21.954 min Scan# 3177
 Delta R.T. 0.002 min
 Lab File: BG056178.D
 Acq: 30 Dec 2022 19:58

Tgt Ion:228 Resp: 62400
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.6 34.0
 229 20.1 16.9 25.3

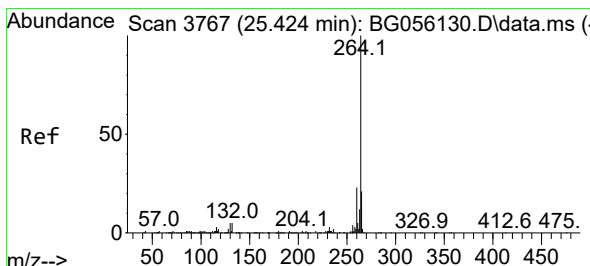
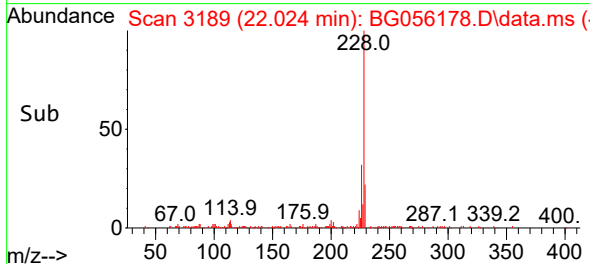
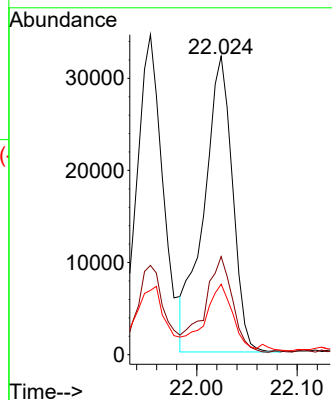
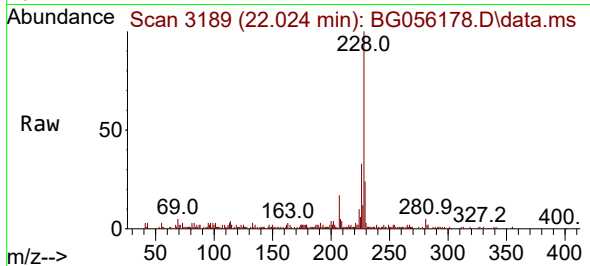




#83
Chrysene
Concen: 2.787 ng
RT: 22.024 min Scan# 3188
Delta R.T. 0.002 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

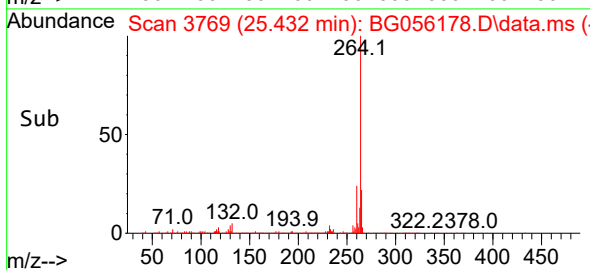
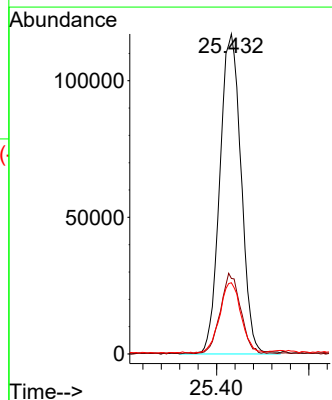
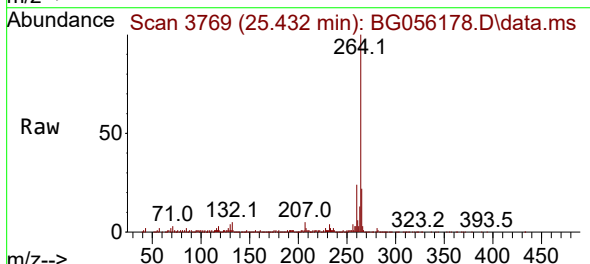
Instrument :
BNA_G
ClientSampleId :
TR-05-122922

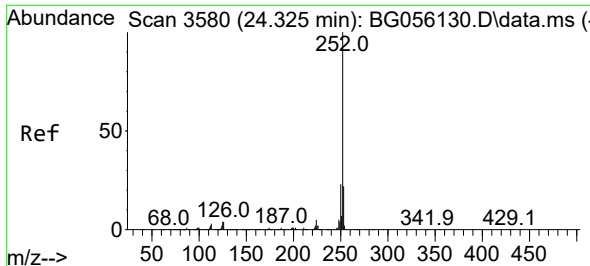
Tgt Ion:228 Resp: 63941
Ion Ratio Lower Upper
228 100
226 32.8 24.6 36.8
229 23.6 15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.432 min Scan# 3769
Delta R.T. 0.008 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:264 Resp: 374458
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.3 16.7 25.1

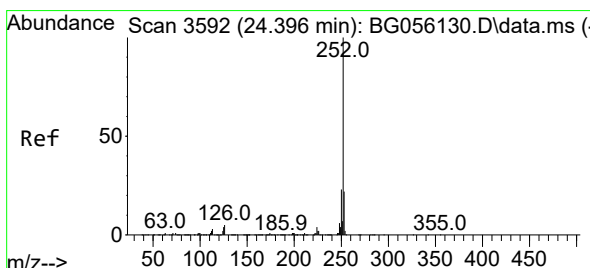
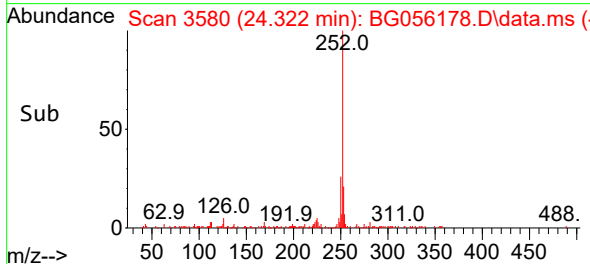
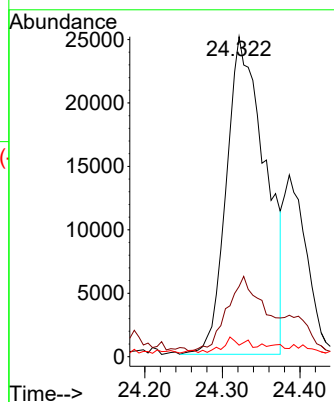
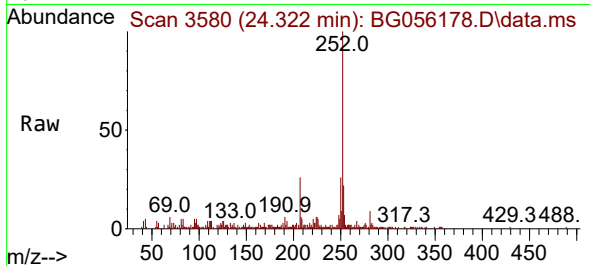




#88
Benzo(b)fluoranthene
Concen: 3.670 ng
RT: 24.322 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

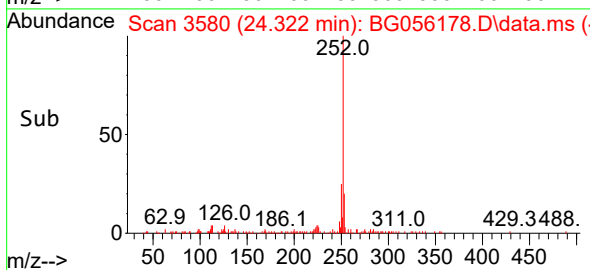
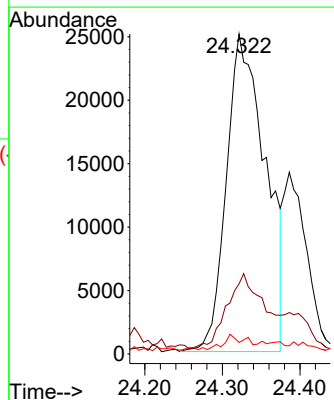
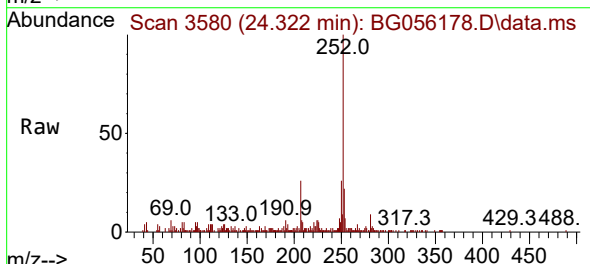
Instrument :
BNA_G
ClientSampleId :
TR-05-122922

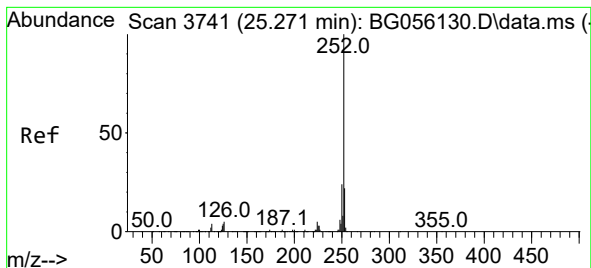
Tgt Ion:252 Resp: 87305
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 3.6 3.0 4.4



#89
Benzo(k)fluoranthene
Concen: 3.685 ng
RT: 24.322 min Scan# 3580
Delta R.T. -0.074 min
Lab File: BG056178.D
Acq: 30 Dec 2022 19:58

Tgt Ion:252 Resp: 87305
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 3.6 3.4 5.0





#90

Benzo(a)pyrene

Concen: 2.615 ng

RT: 25.262 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG056178.D

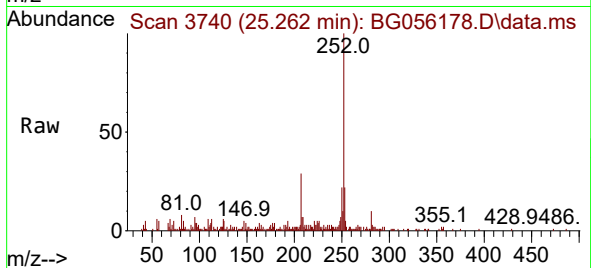
Acq: 30 Dec 2022 19:58

Instrument :

BNA_G

ClientSampleId :

TR-05-122922



Tgt Ion:252 Resp: 60678

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 6.2 3.2 4.8#

