

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056282.D
 Acq On : 13 Jan 2023 17:57
 Operator : CG/JU
 Sample : 01135-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Jan 16 00:23:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

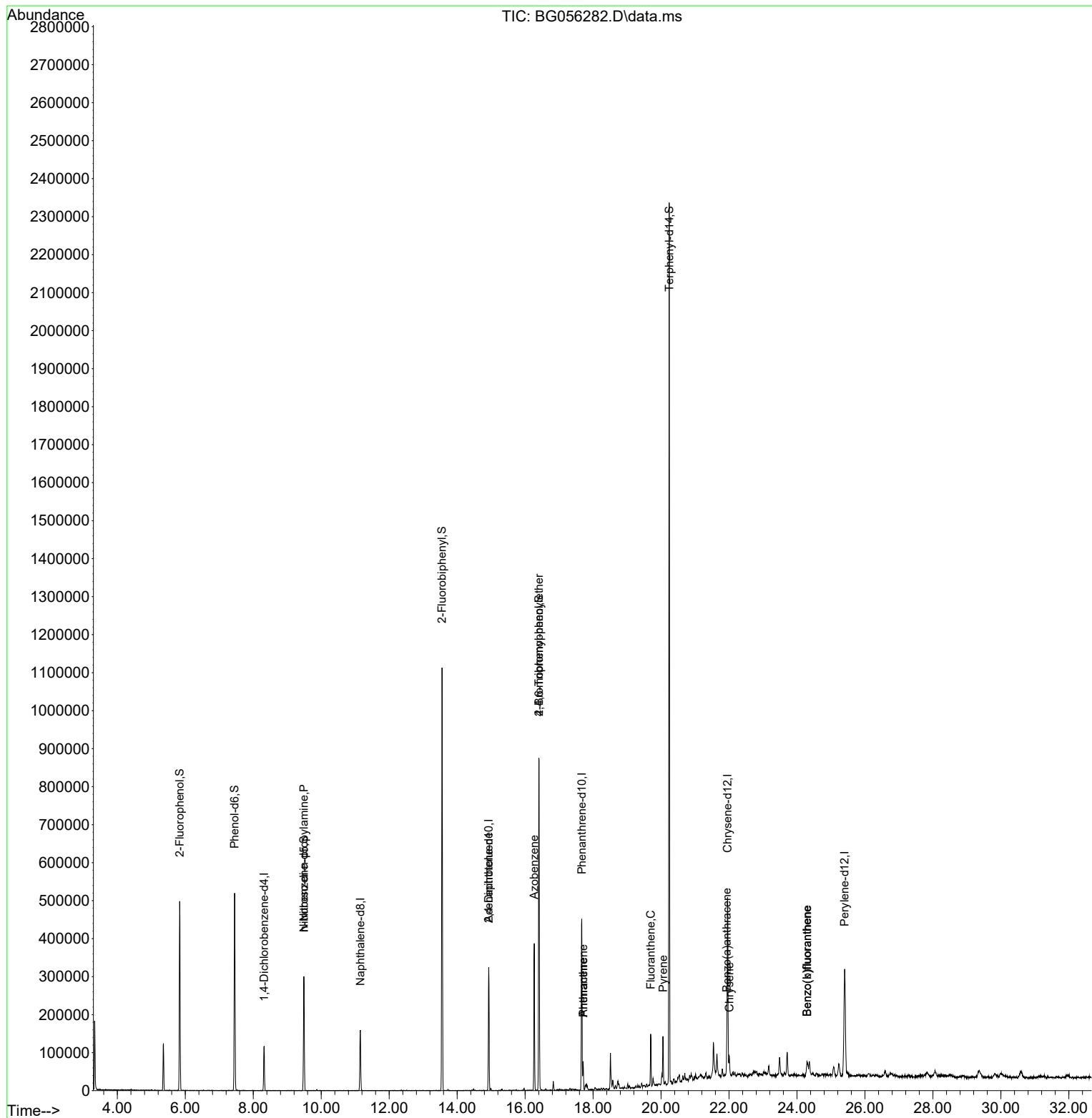
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.319	152	38024	20.000	ng	0.00
21) Naphthalene-d8	11.151	136	147758	20.000	ng	# 0.00
39) Acenaphthene-d10	14.929	164	125180	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	317813	20.000	ng	0.00
76) Chrysene-d12	21.956	240	315126	20.000	ng	# 0.00
86) Perylene-d12	25.399	264	342157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	278526	130.788	ng	0.00
7) Phenol-d6	7.449	99	401966	122.908	ng	0.00
23) Nitrobenzene-d5	9.488	82	212656	73.618	ng	0.00
42) 2,4,6-Tribromophenol	16.409	330	184338	116.273	ng	0.00
45) 2-Fluorobiphenyl	13.554	172	630117	69.510	ng	0.00
79) Terphenyl-d14	20.240	244	1255877	71.379	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.488	70	25702	12.924	ng	# 73
57) 2,4-Dinitrotoluene	14.929	165	16208	5.382	ng	# 28
63) Azobenzene	16.268	77	98951	13.531	ng	# 1
67) 4-Bromophenyl-phenylether	16.409	248	15677	3.874	ng	# 1
71) Phenanthrene	17.708	178	52412	3.182	ng	97
72) Anthracene	17.708	178	52412	3.085	ng	99
75) Fluoranthene	19.694	202	93464	4.350	ng	97
78) Pyrene	20.058	202	90700	4.083	ng	100
81) Benzo(a)anthracene	21.932	228	50070	2.262	ng	99
83) Chrysene	22.009	228	42997	2.074	ng	96
88) Benzo(b)fluoranthene	24.294	252	52369	2.409	ng	# 88
89) Benzo(k)fluoranthene	24.294	252	52369	2.419	ng	# 89

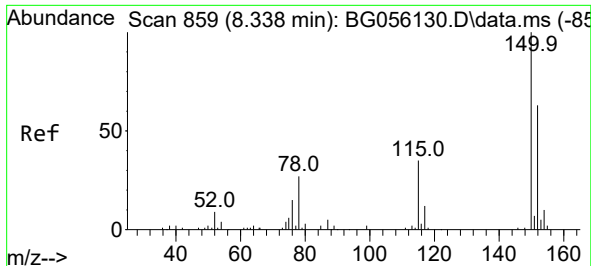
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
Data File : BG056282.D
Acq On : 13 Jan 2023 17:57
Operator : CG/JU
Sample : 01135-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-2

Quant Time: Jan 16 00:23:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

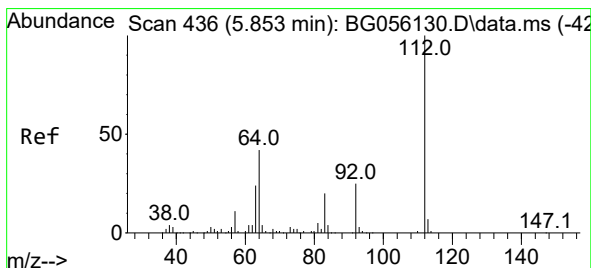
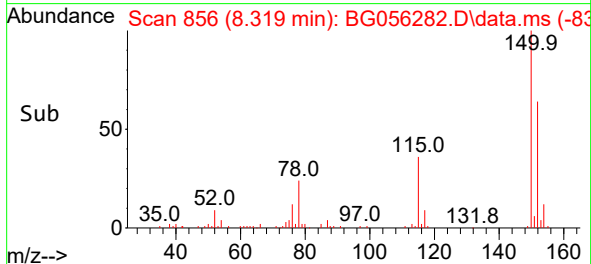
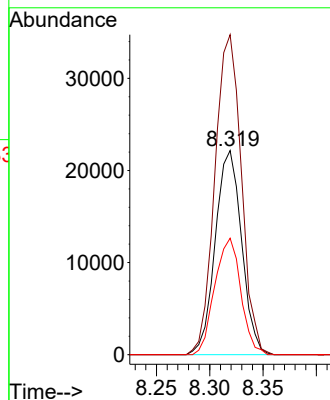
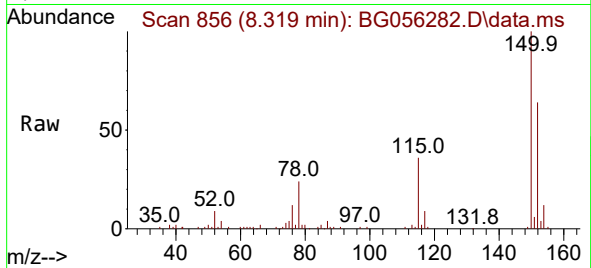




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.319 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

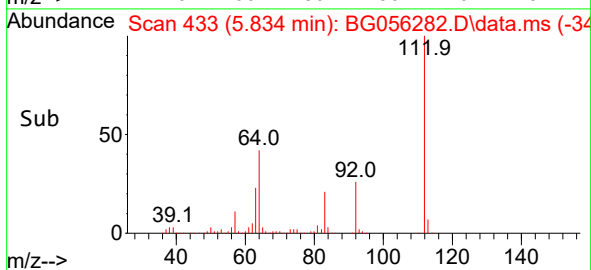
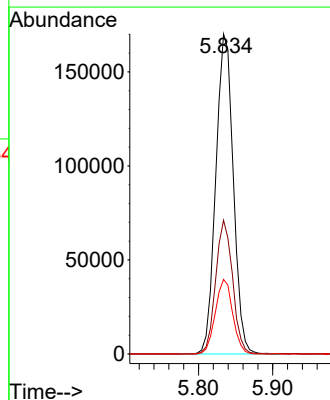
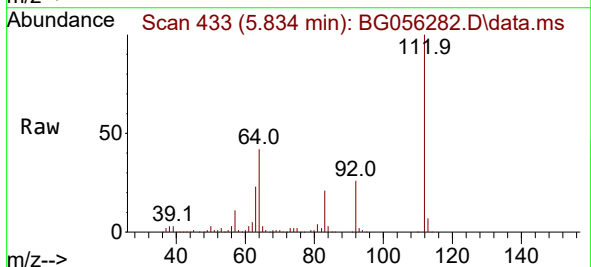
Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 38024
Ion Ratio Lower Upper
152 100
150 156.7 127.9 191.9
115 57.1 44.2 66.2



#5
2-Fluorophenol
Concen: 130.788 ng
RT: 5.834 min Scan# 433
Delta R.T. 0.008 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion:112 Resp: 278526
Ion Ratio Lower Upper
112 100
64 41.8 33.3 49.9
63 23.3 19.0 28.4

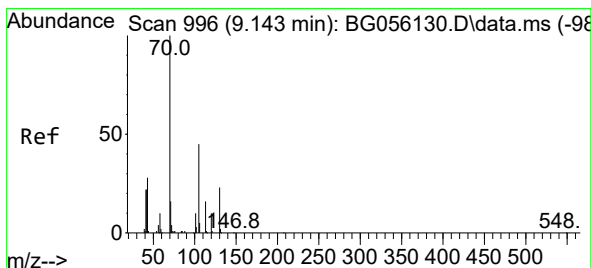
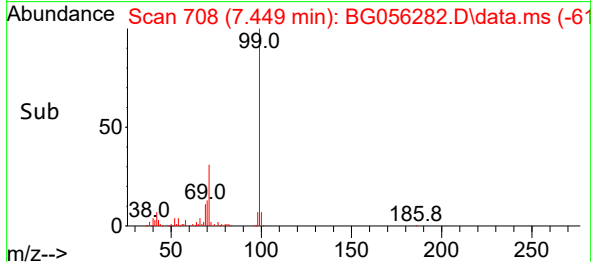
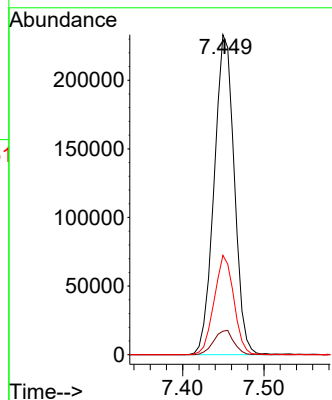
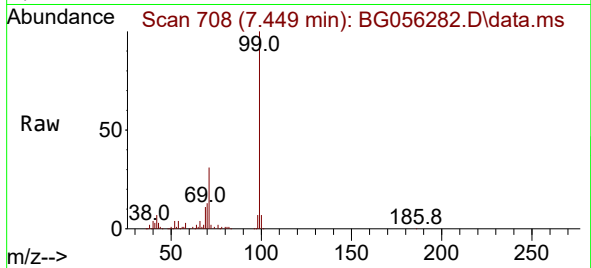




#7
Phenol-d6
Concen: 122.908 ng
RT: 7.449 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

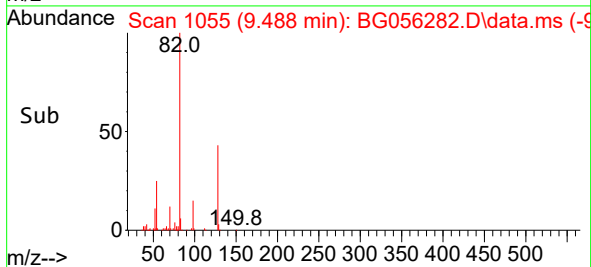
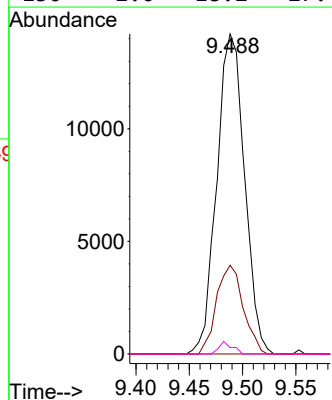
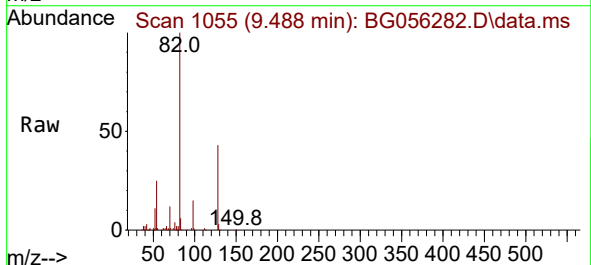
Instrument :
BNA_G
ClientSampleId :
WC-2

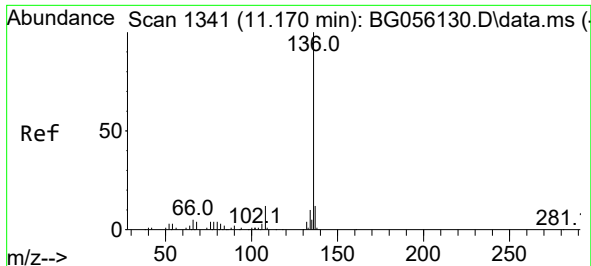
Tgt Ion: 99 Resp: 401966
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 31.0 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.924 ng
RT: 9.488 min Scan# 1055
Delta R.T. 0.372 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion: 70 Resp: 25702
Ion Ratio Lower Upper
70 100
42 27.7 18.2 27.2#
101 0.0 8.3 12.5#
130 2.0 18.2 27.4#

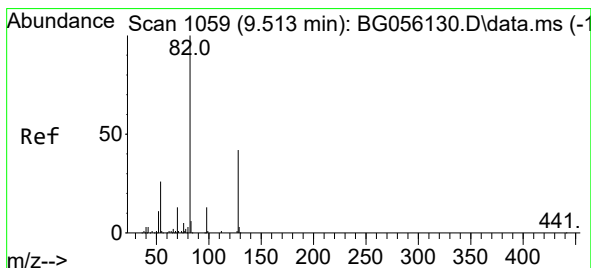
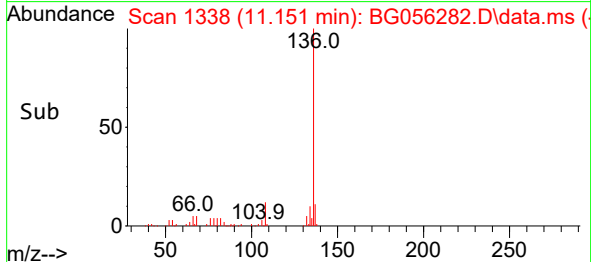
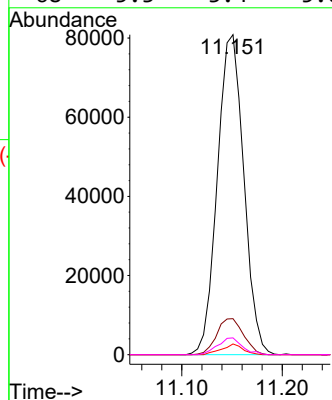
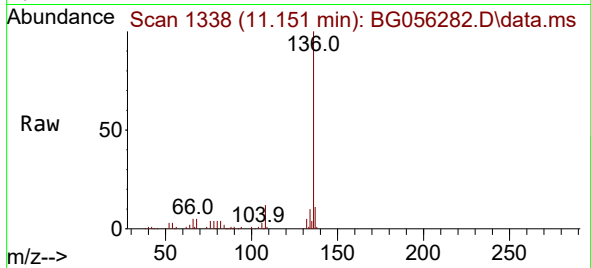




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.151 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

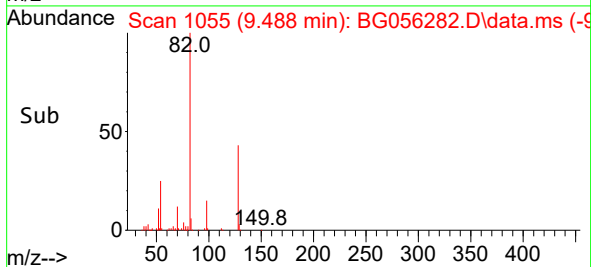
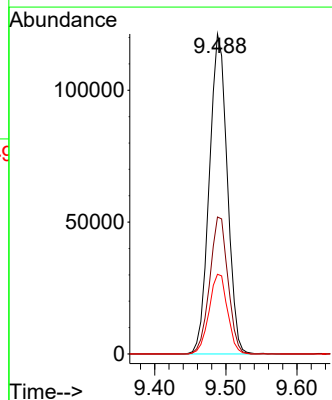
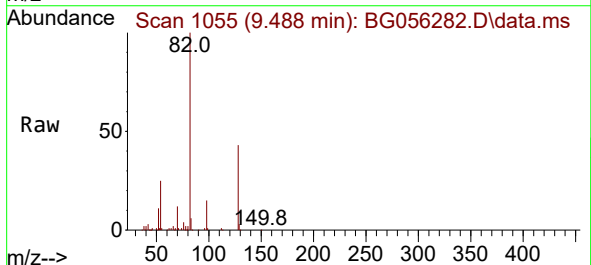
Instrument :
BNA_G
ClientSampleId :
WC-2

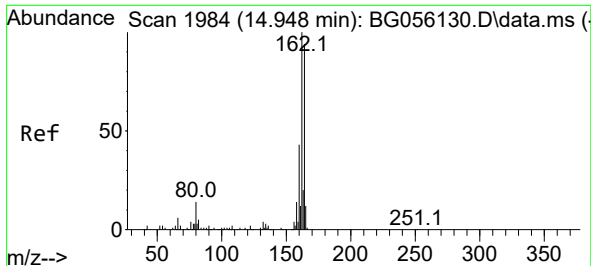
Tgt Ion:136 Resp: 147758
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 3.4 2.2 3.2#
68 5.3 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 73.618 ng
RT: 9.488 min Scan# 1055
Delta R.T. -0.004 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion: 82 Resp: 212656
Ion Ratio Lower Upper
82 100
128 42.8 33.4 50.2
54 24.9 20.3 30.5

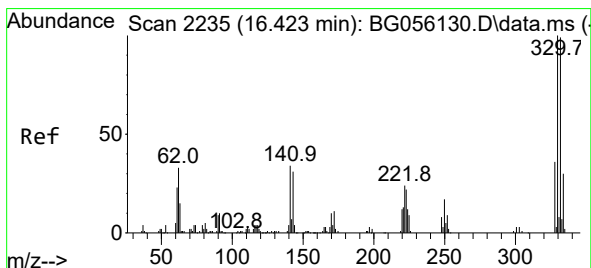
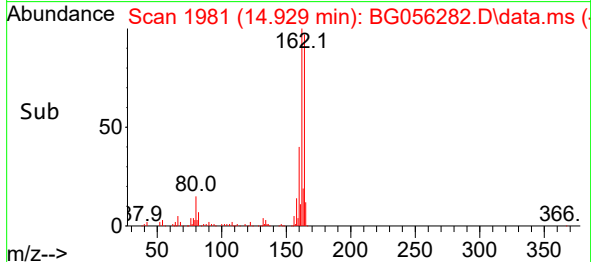
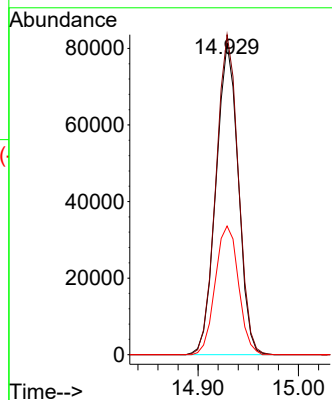
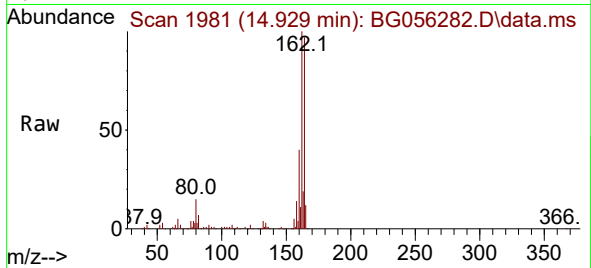




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.929 min Scan# 1981
Delta R.T. 0.002 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

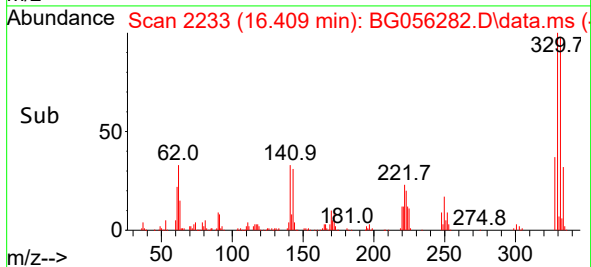
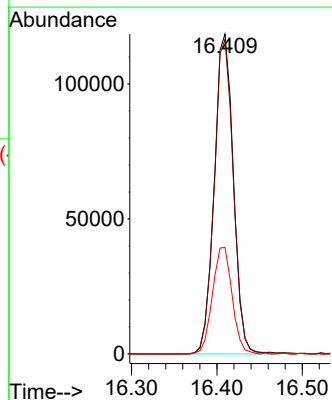
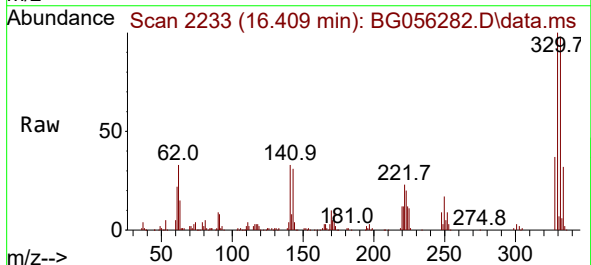
Instrument :
BNA_G
ClientSampleId :
WC-2

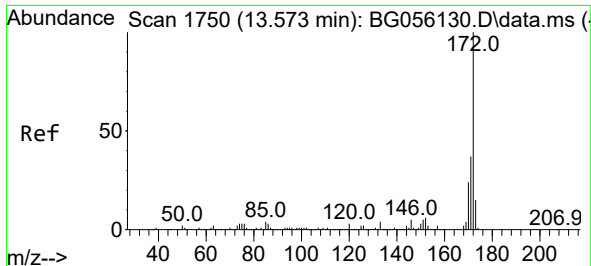
Tgt Ion:164 Resp: 125180
Ion Ratio Lower Upper
164 100
162 102.7 84.7 127.1
160 41.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 116.273 ng
RT: 16.409 min Scan# 2233
Delta R.T. 0.002 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion:330 Resp: 184338
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 34.3 27.9 41.9

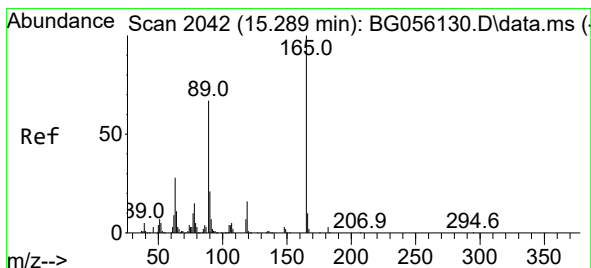
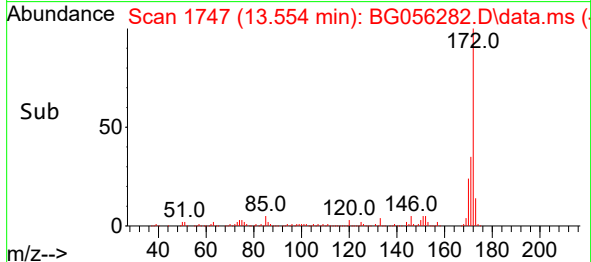
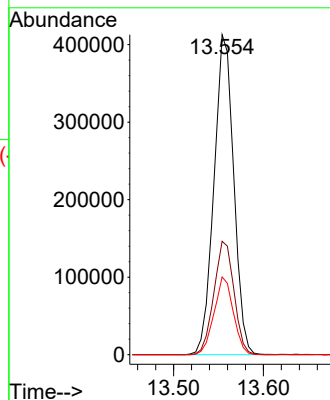
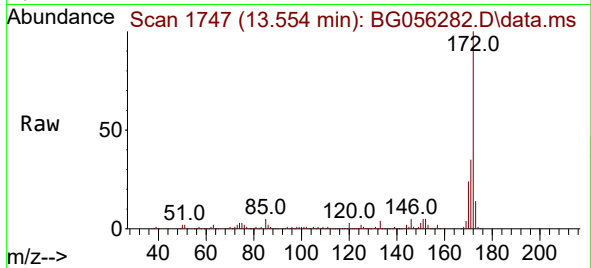




#45
2-Fluorobiphenyl
Concen: 69.510 ng
RT: 13.554 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

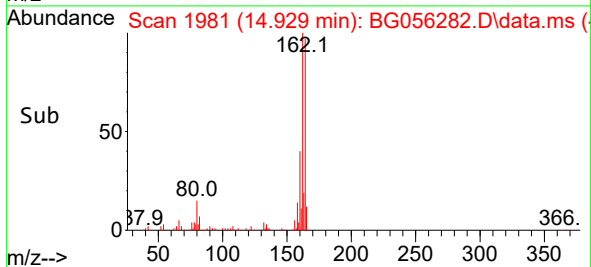
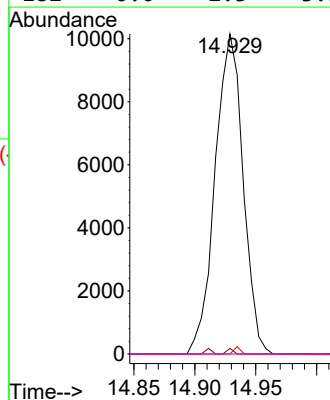
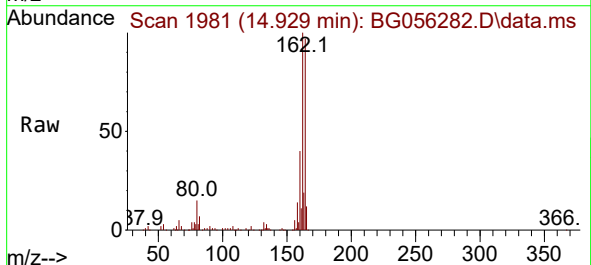
Instrument :
BNA_G
ClientSampleId :
WC-2

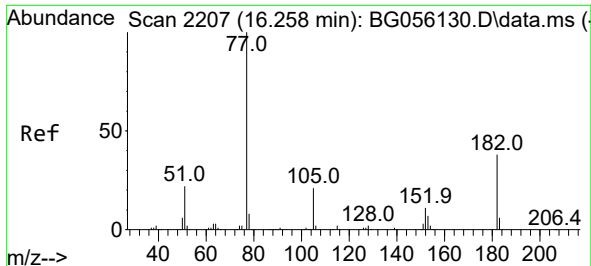
Tgt Ion:172 Resp: 630117
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.3 19.4 29.2



#57
2,4-Dinitrotoluene
Concen: 5.382 ng
RT: 14.929 min Scan# 1981
Delta R.T. -0.344 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion:165 Resp: 16208
Ion Ratio Lower Upper
165 100
63 1.7 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

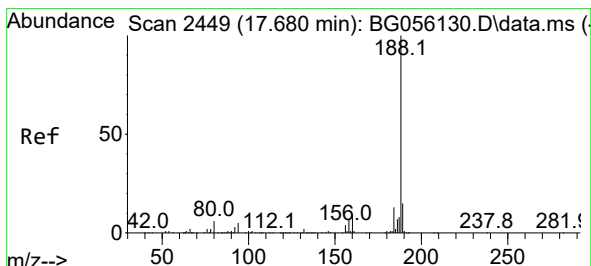
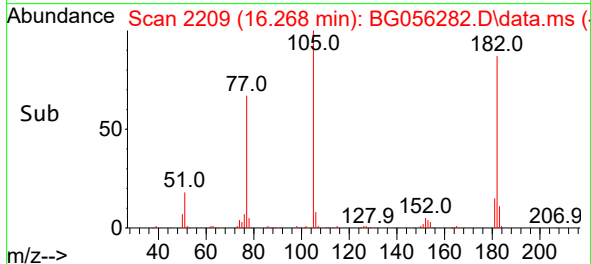
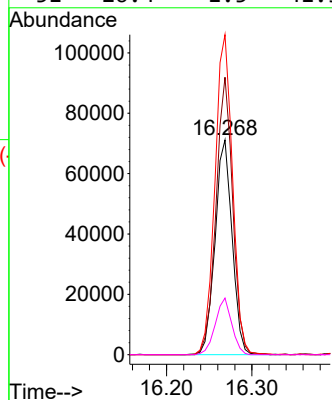
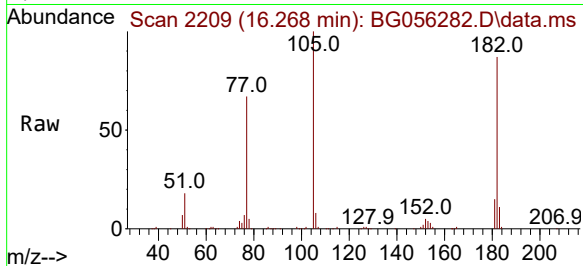




#63
Azobenzene
Concen: 13.531 ng
RT: 16.268 min Scan# 21
Delta R.T. 0.026 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

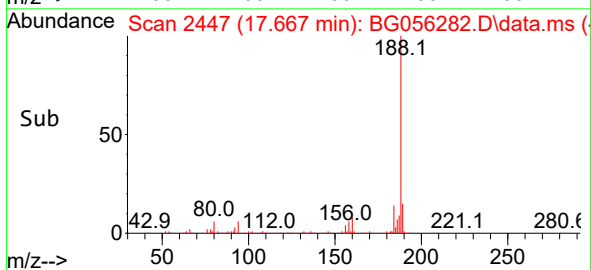
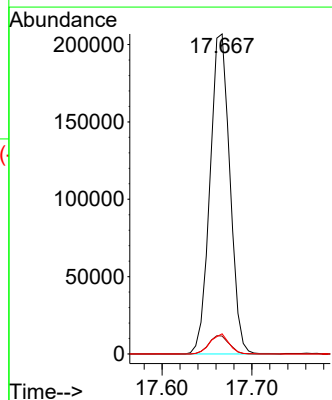
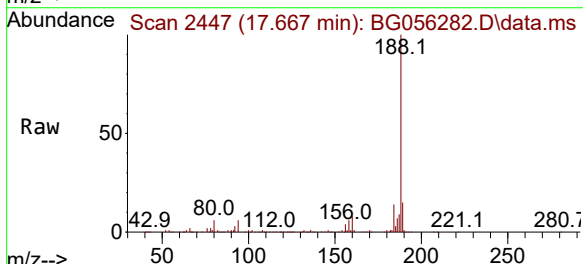
Instrument :
BNA_G
ClientSampleId :
WC-2

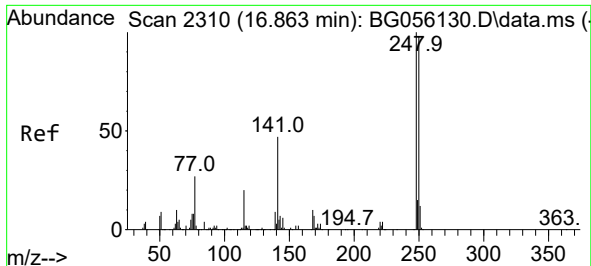
Tgt Ion: 77	Resp: 98951
Ion Ratio	Lower Upper
77 100	
182 129.2	18.5 58.5#
105 149.0	1.4 41.4#
51 26.4	1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.667 min Scan# 2447
Delta R.T. 0.002 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion: 188	Resp: 317813
Ion Ratio	Lower Upper
188 100	
94 5.6	4.2 6.2
80 6.3	5.0 7.4

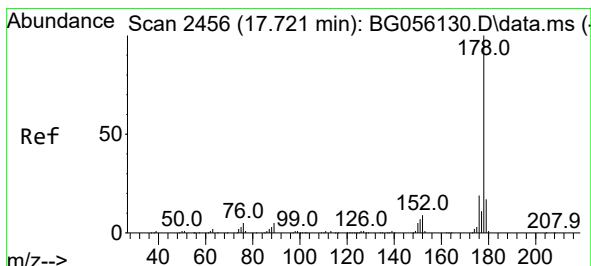
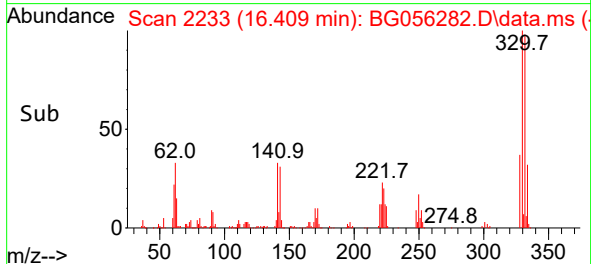
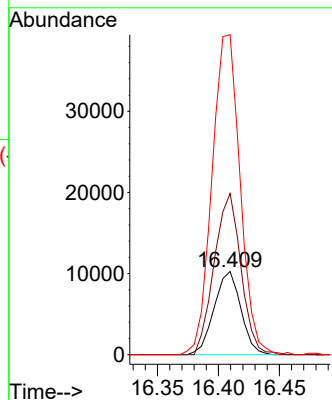
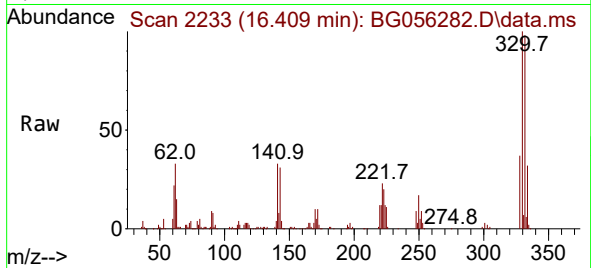




#67
4-Bromophenyl-phenylether
Concen: 3.874 ng
RT: 16.409 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

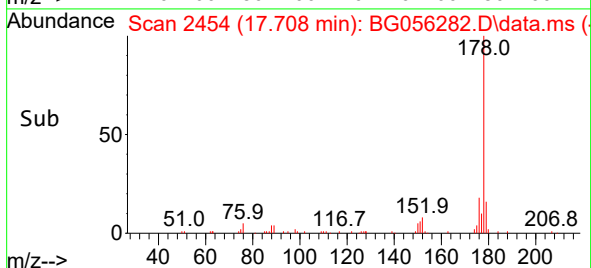
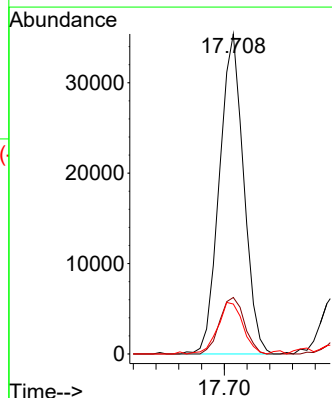
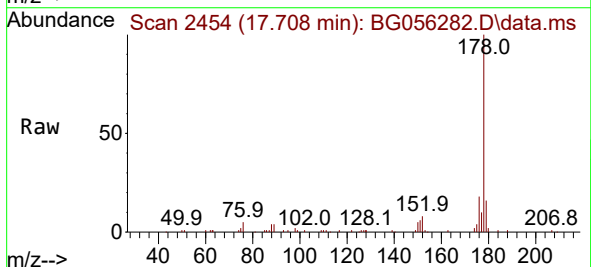
Instrument :
BNA_G
ClientSampleId :
WC-2

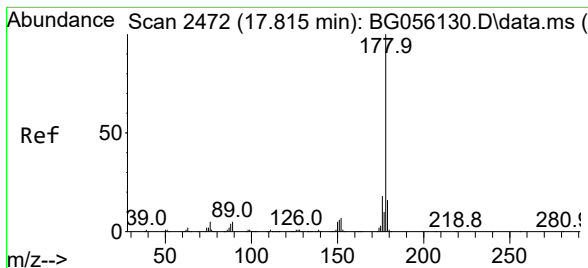
Tgt Ion:248 Resp: 15677
Ion Ratio Lower Upper
248 100
250 193.9 78.2 117.4#
141 384.6 37.6 56.4#



#71
Phenanthrene
Concen: 3.182 ng
RT: 17.708 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion:178 Resp: 52412
Ion Ratio Lower Upper
178 100
176 17.6 15.4 23.0
179 15.6 13.6 20.4





#72

Anthracene

Concen: 3.085 ng

RT: 17.708 min Scan# 2472

Delta R.T. -0.092 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

Instrument :

BNA_G

ClientSampleId :

WC-2

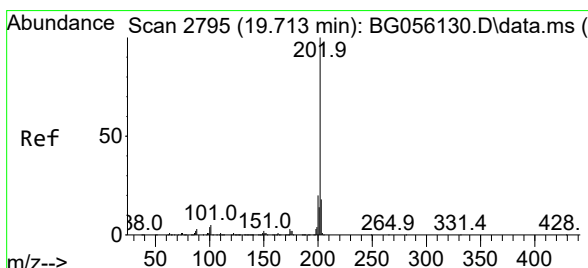
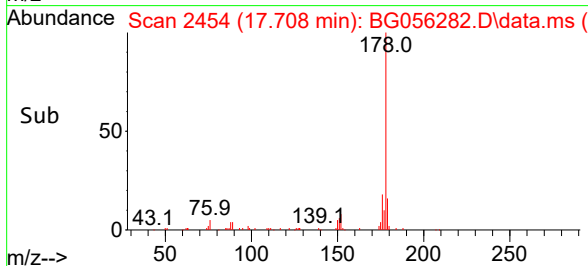
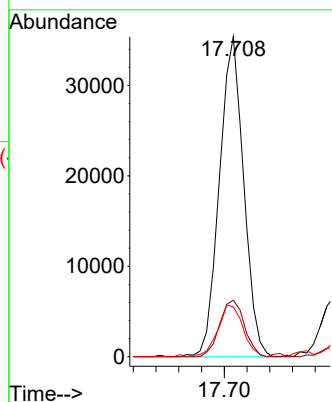
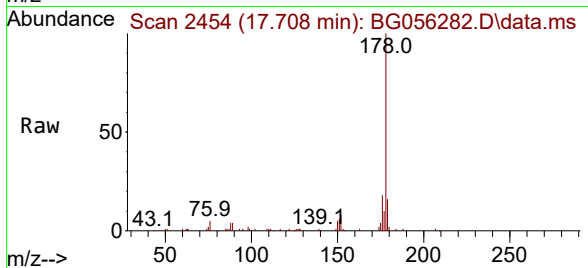
Tgt Ion:178 Resp: 52412

Ion Ratio Lower Upper

178 100

176 17.6 14.6 22.0

179 15.6 12.7 19.1



#75

Fluoranthene

Concen: 4.350 ng

RT: 19.694 min Scan# 2792

Delta R.T. -0.004 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

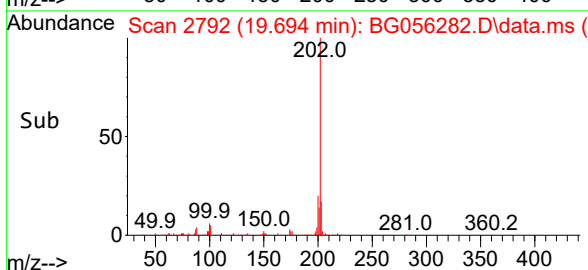
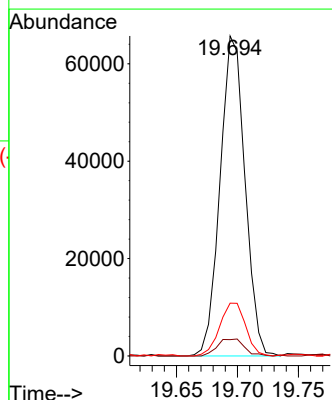
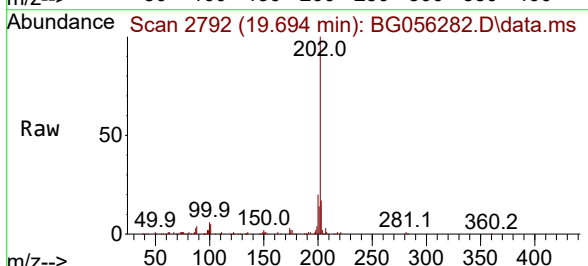
Tgt Ion:202 Resp: 93464

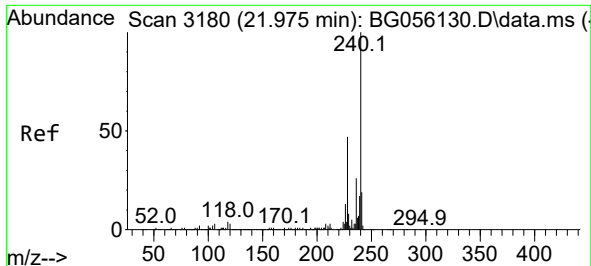
Ion Ratio Lower Upper

202 100

101 5.1 0.0 25.0

203 16.5 0.0 38.0

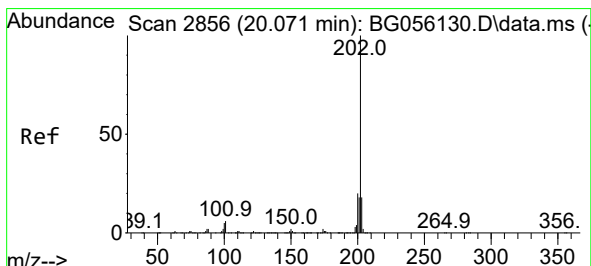
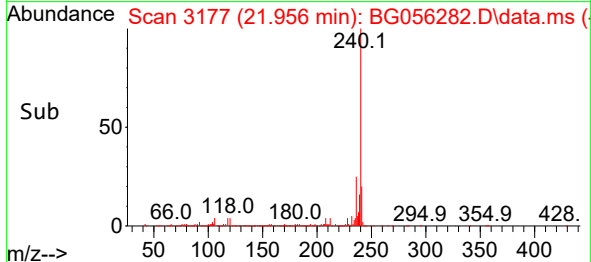
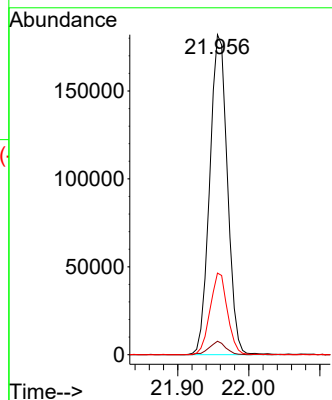
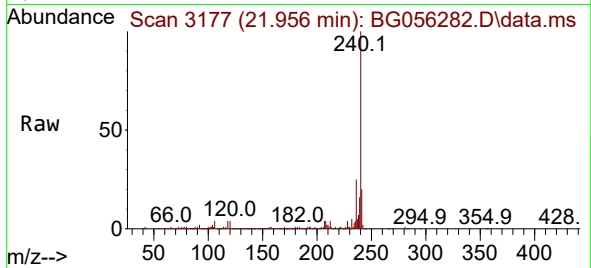




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.956 min Scan# 3180
Delta R.T. -0.004 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

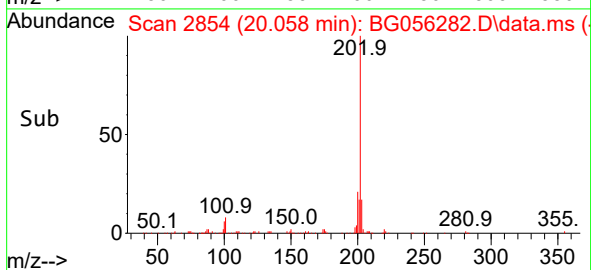
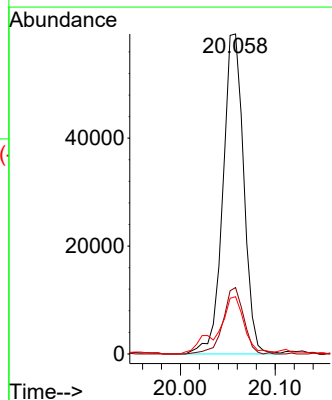
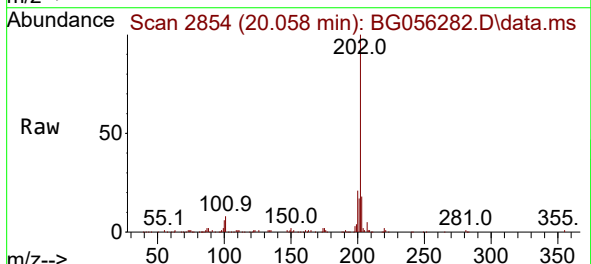
Instrument :
BNA_G
ClientSampleId :
WC-2

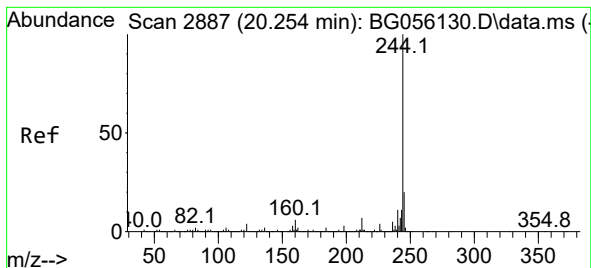
Tgt Ion:240 Resp: 315126
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.5 20.8 31.2



#78
Pyrene
Concen: 4.083 ng
RT: 20.058 min Scan# 2854
Delta R.T. 0.002 min
Lab File: BG056282.D
Acq: 13 Jan 2023 17:57

Tgt Ion:202 Resp: 90700
Ion Ratio Lower Upper
202 100
200 20.7 16.4 24.6
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 71.379 ng

RT: 20.240 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

Instrument :

BNA_G

ClientSampleId :

WC-2

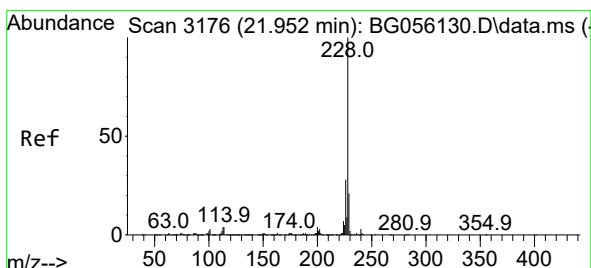
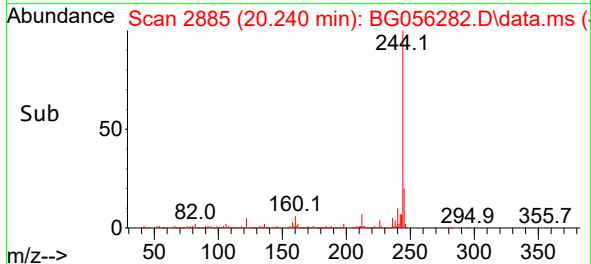
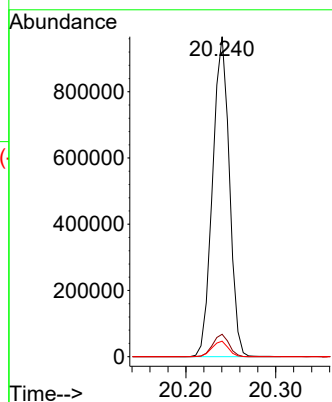
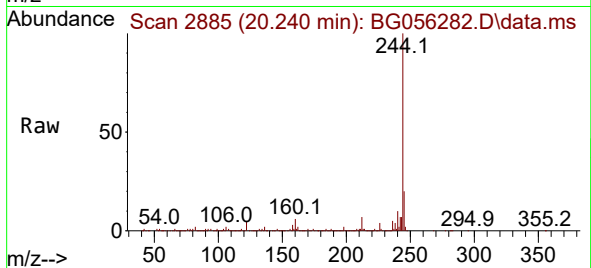
Tgt Ion:244 Resp: 1255877

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 4.9 3.5 5.3



#81

Benzo(a)anthracene

Concen: 2.262 ng

RT: 21.932 min Scan# 3173

Delta R.T. -0.010 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

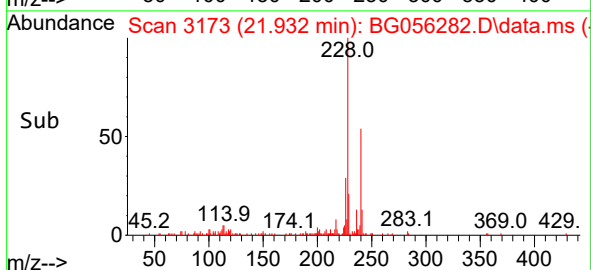
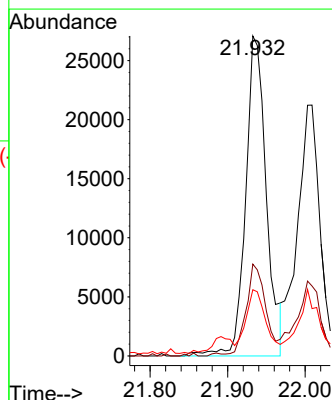
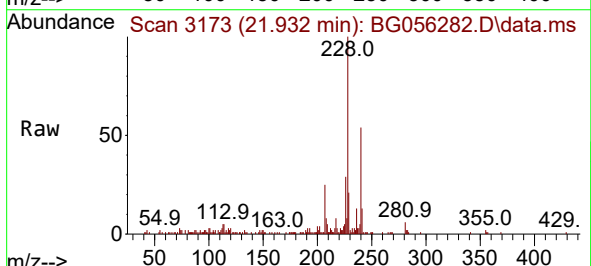
Tgt Ion:228 Resp: 50070

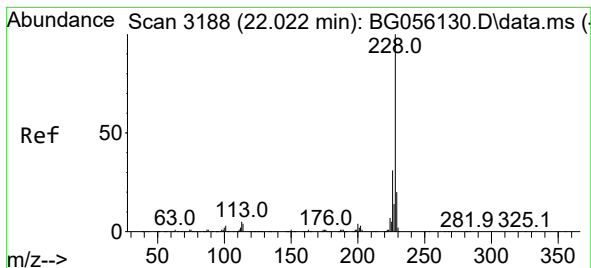
Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

229 20.7 16.9 25.3





#83

Chrysene

Concen: 2.074 ng

RT: 22.009 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

Instrument :

BNA_G

ClientSampleId :

WC-2

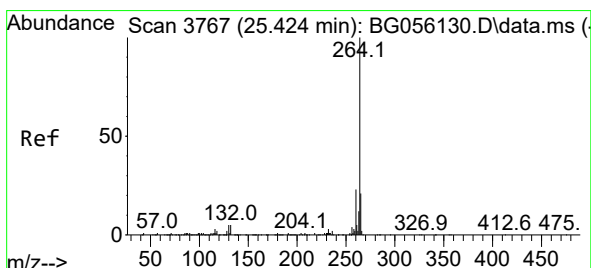
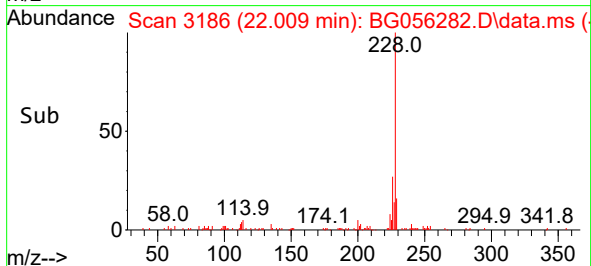
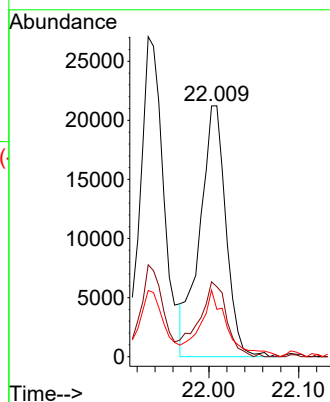
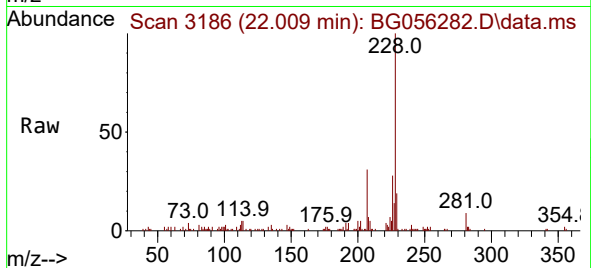
Tgt Ion:228 Resp: 42997

Ion Ratio Lower Upper

228 100

226 27.9 24.6 36.8

229 18.9 15.8 23.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.399 min Scan# 3763

Delta R.T. -0.004 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

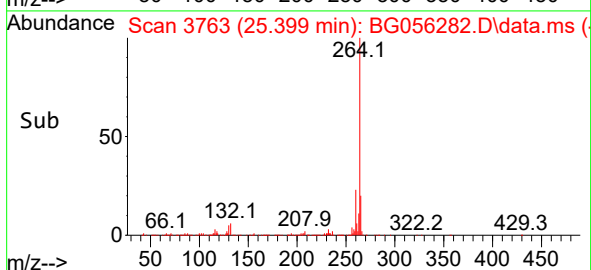
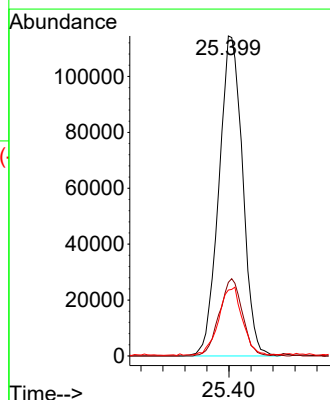
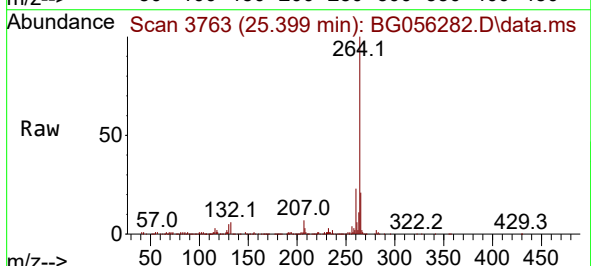
Tgt Ion:264 Resp: 342157

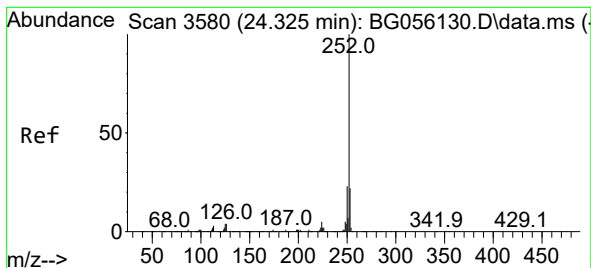
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 20.6 16.7 25.1





#88

Benzo(b)fluoranthene

Concen: 2.409 ng

RT: 24.294 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

Instrument :

BNA_G

ClientSampleId :

WC-2

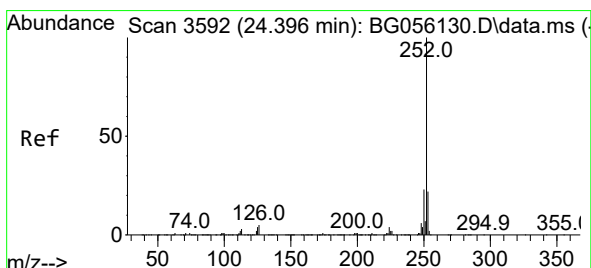
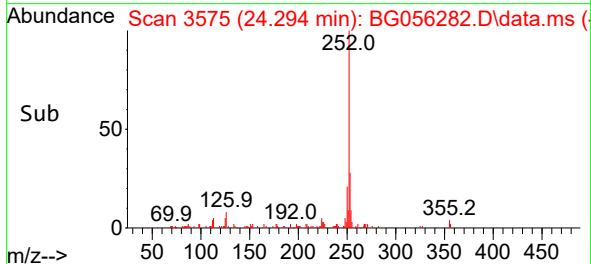
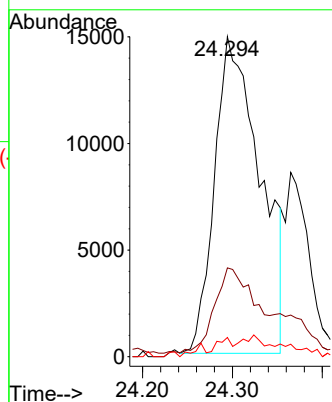
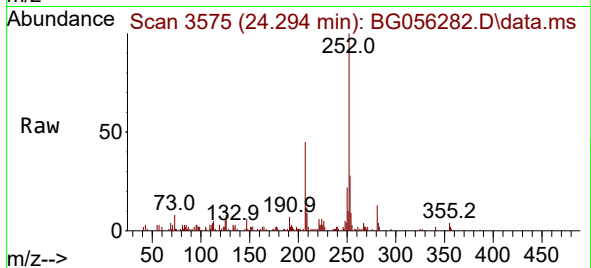
Tgt Ion:252 Resp: 52369

Ion Ratio Lower Upper

252 100

253 27.8 17.4 26.2#

125 6.0 3.0 4.4#



#89

Benzo(k)fluoranthene

Concen: 2.419 ng

RT: 24.294 min Scan# 3575

Delta R.T. -0.080 min

Lab File: BG056282.D

Acq: 13 Jan 2023 17:57

Tgt Ion:252 Resp: 52369

Ion Ratio Lower Upper

252 100

253 27.8 17.5 26.3#

125 6.0 3.4 5.0#

