

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056344.D
 Acq On : 19 Jan 2023 1:38
 Operator : CG/JU
 Sample : 01170-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-2-011623

Quant Time: Jan 19 03:47:37 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 19 00:31:30 2023
 Response via : Initial Calibration

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

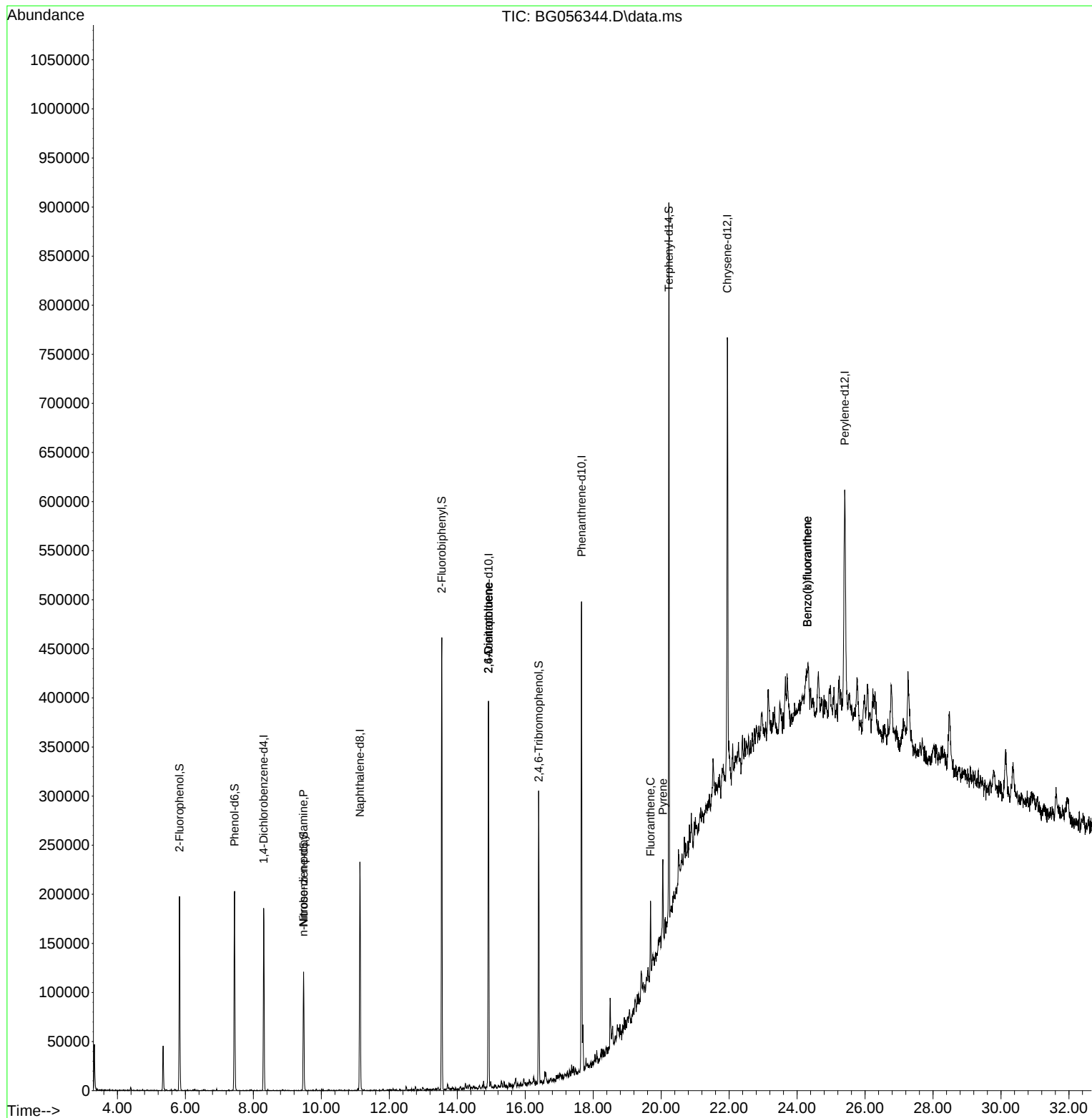
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	59125	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	217794	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	153855	20.000	ng	0.00
64) Phenanthrene-d10	17.659	188	337465	20.000	ng	0.00
76) Chrysene-d12	21.948	240	310523	20.000	ng	0.00
86) Perylene-d12	25.403	264	309220	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	112453	33.959	ng	0.00
7) Phenol-d6	7.447	99	160285	31.519	ng	0.00
23) Nitrobenzene-d5	9.480	82	86438	20.301	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	61132	31.373	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	265850	23.861	ng	0.00
79) Terphenyl-d14	20.227	244	409227	23.604	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.474	70	11123	3.597	ng	Qvalue # 75
51) 2,6-Dinitrotoluene	14.915	165	20830	7.871	ng	# 31
57) 2,4-Dinitrotoluene	14.915	165	20830	5.628	ng	# 28
75) Fluoranthene	19.686	202	50950	2.233	ng	99
78) Pyrene	20.050	202	49757	2.273	ng	98
88) Benzo(b)fluoranthene	24.304	252	43425	2.210	ng	# 1
89) Benzo(k)fluoranthene	24.304	252	43309	2.214	ng	# 1

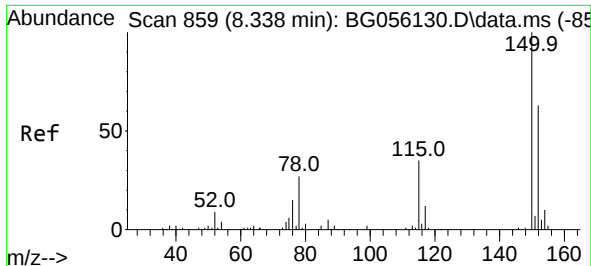
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
Data File : BG056344.D
Acq On : 19 Jan 2023 1:38
Operator : CG/JU
Sample : 01170-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-2-011623

Quant Time: Jan 19 03:47:37 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 19 00:31:30 2023
Response via : Initial Calibration

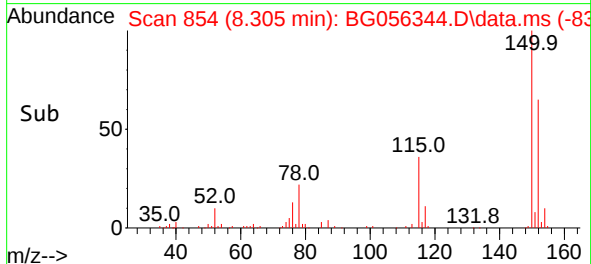
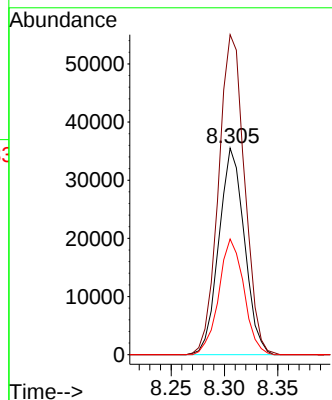
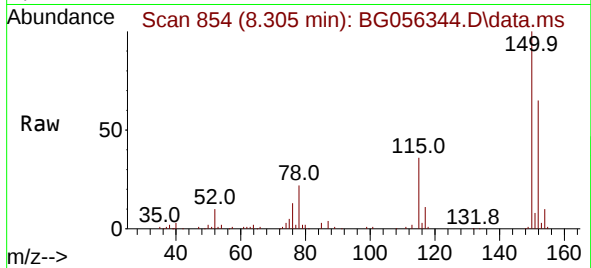




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

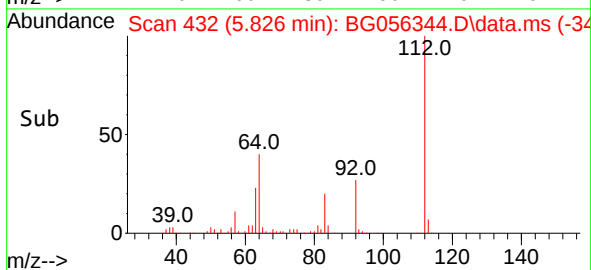
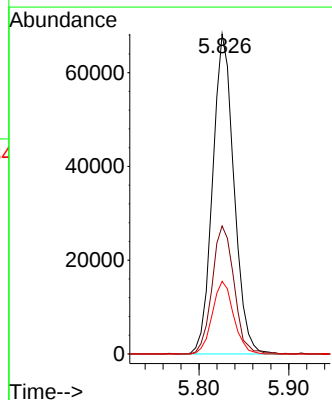
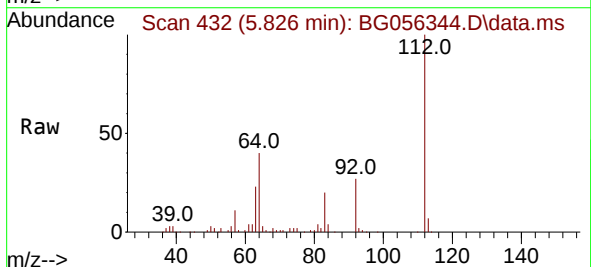
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

Tgt Ion:152 Resp: 59125
Ion Ratio Lower Upper
152 100
150 154.9 127.9 191.9
115 56.0 44.2 66.2



#5
2-Fluorophenol
Concen: 33.959 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:112 Resp: 112453
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 22.7 19.0 28.4

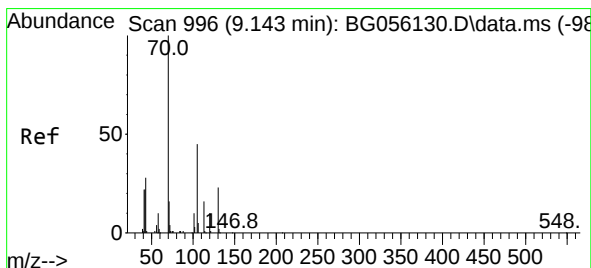
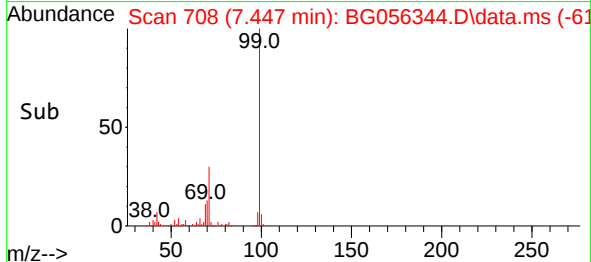
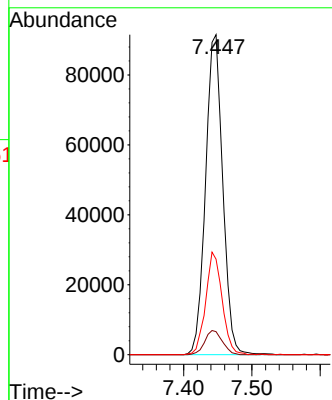
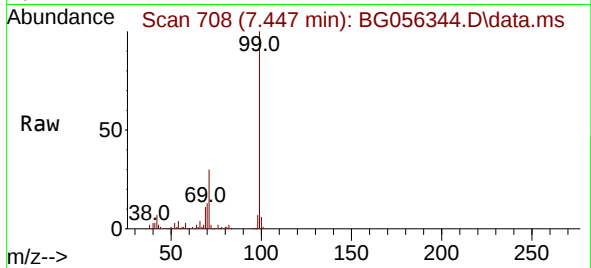




#7
Phenol-d6
Concen: 31.519 ng
RT: 7.447 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

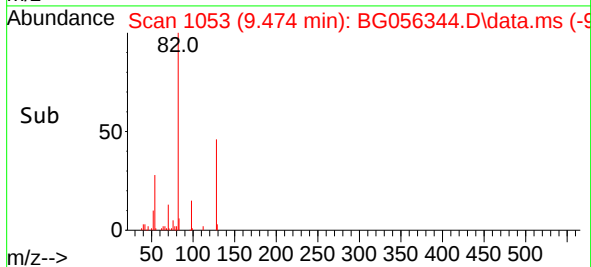
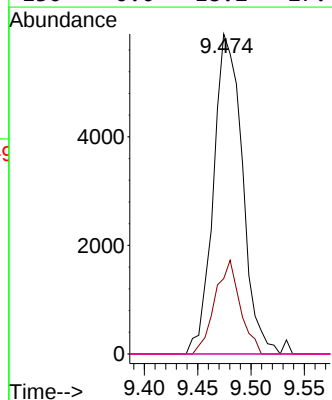
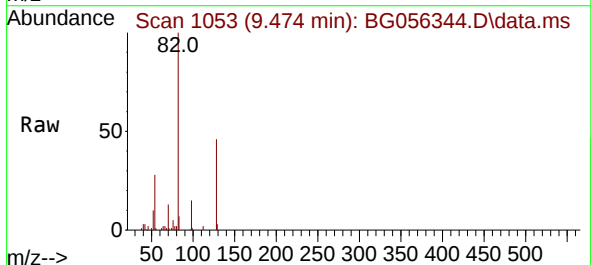
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

Tgt Ion: 99 Resp: 160285
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 29.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 3.597 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion: 70 Resp: 11123
Ion Ratio Lower Upper
70 100
42 23.5 18.2 27.2
101 0.0 8.3 12.5#
130 0.0 18.2 27.4#



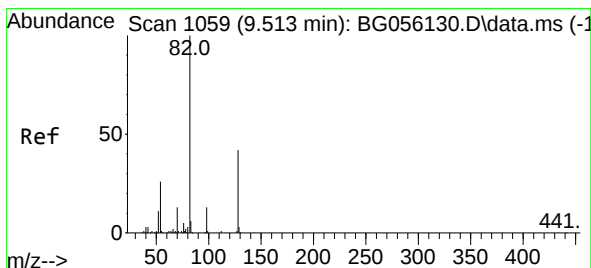
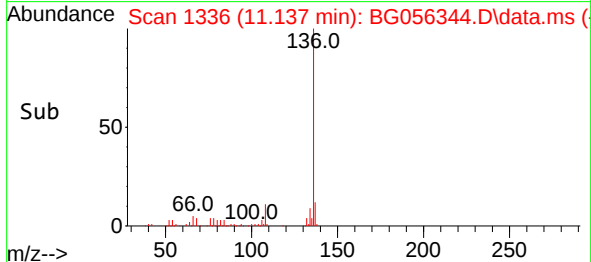
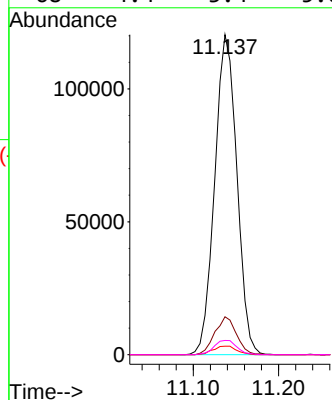
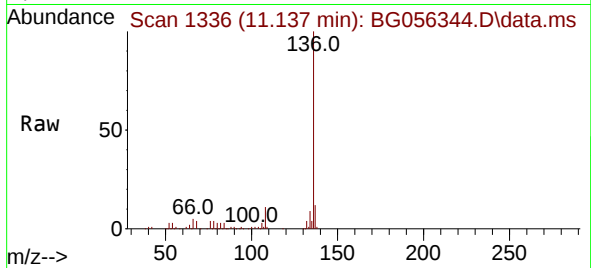


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Instrument :
BNA_G
ClientSampleId :
CL-2-011623

Tgt Ion:136 Resp: 217794

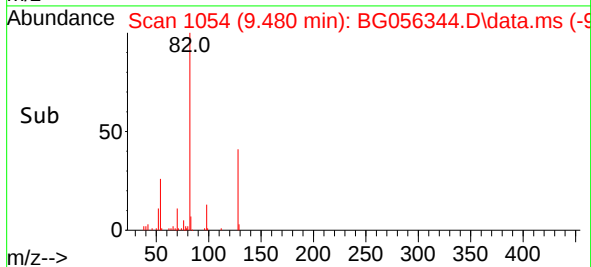
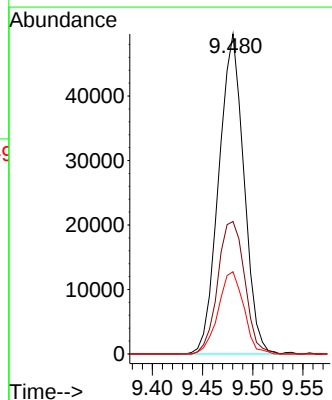
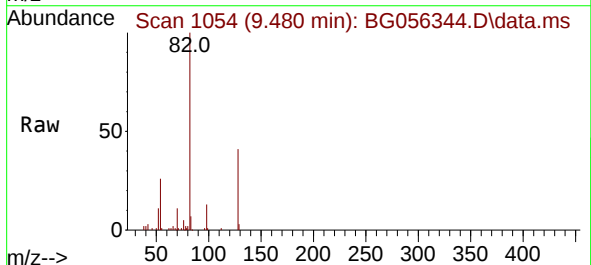
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.4	14.0
54	2.7	2.2	3.2
68	4.4	3.4	5.0

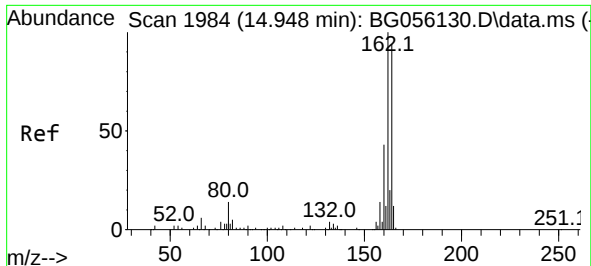


#23
Nitrobenzene-d5
Concen: 20.301 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion: 82 Resp: 86438

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.4	50.2
54	25.7	20.3	30.5

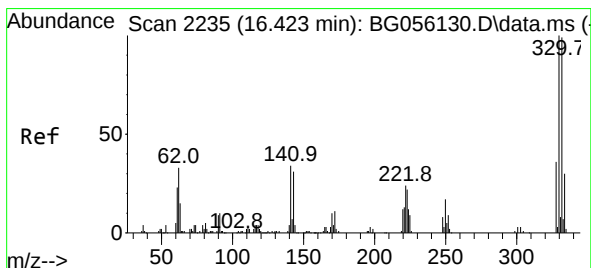
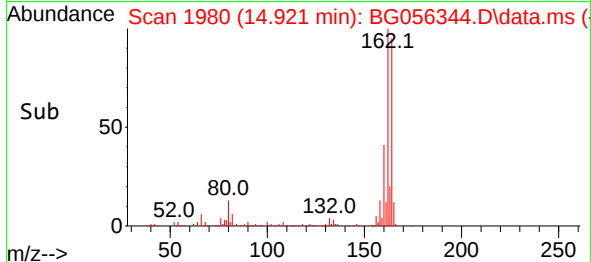
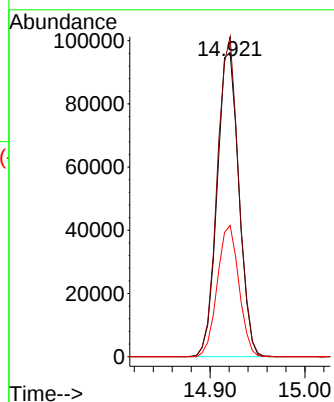
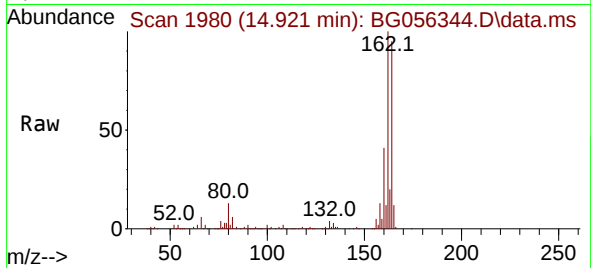




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

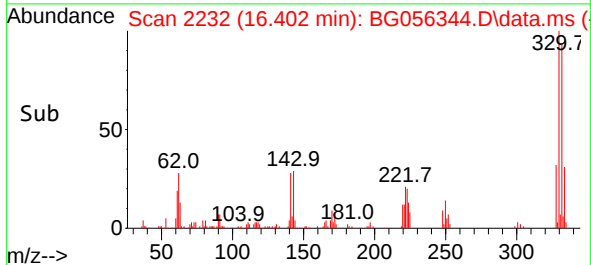
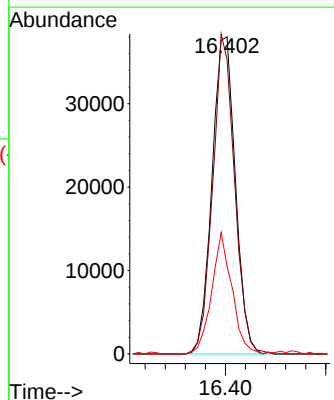
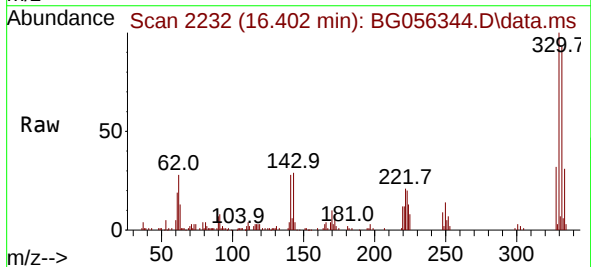
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

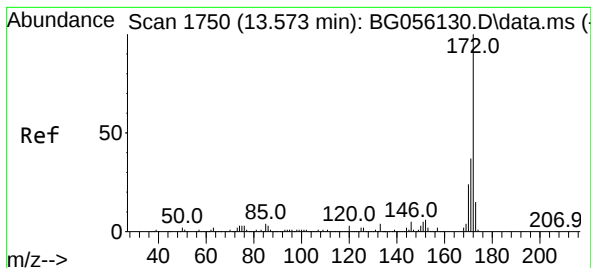
Tgt Ion:164 Resp: 153855
Ion Ratio Lower Upper
164 100
162 105.2 84.7 127.1
160 43.1 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 31.373 ng
RT: 16.402 min Scan# 2232
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:330 Resp: 61132
Ion Ratio Lower Upper
330 100
332 94.2 77.3 115.9
141 33.2 27.9 41.9

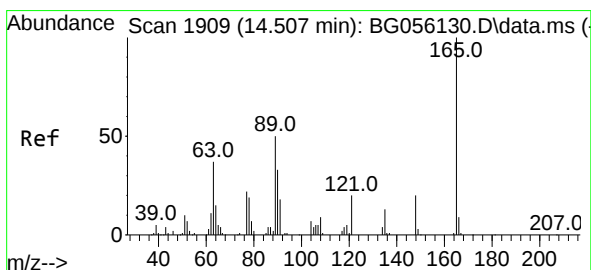
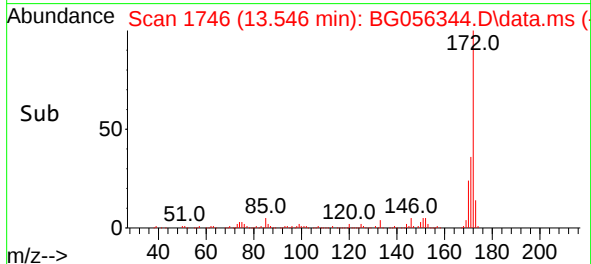
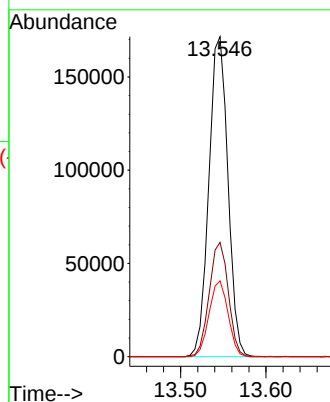
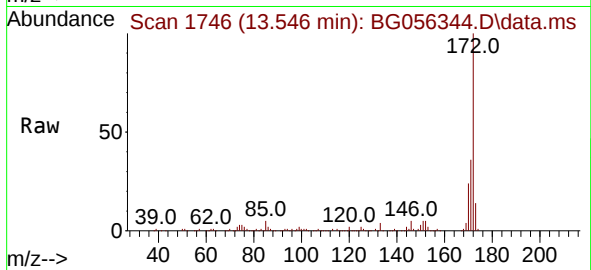




#45
2-Fluorobiphenyl
Concen: 23.861 ng
RT: 13.546 min Scan# 1750
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

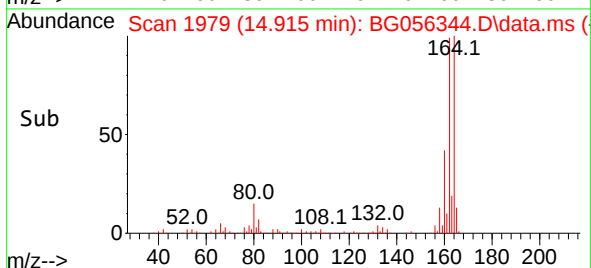
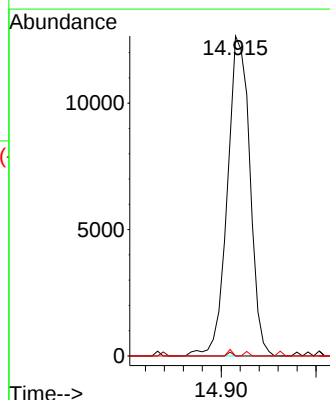
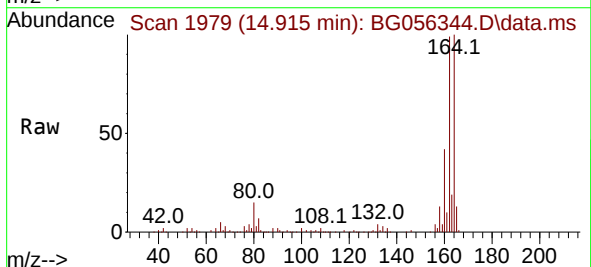
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

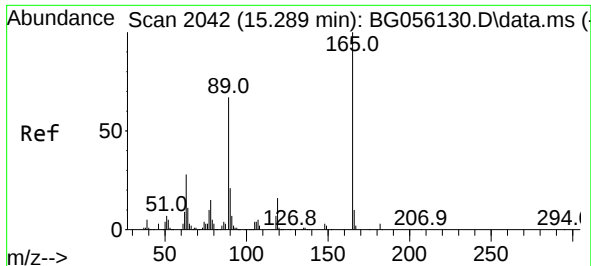
Tgt Ion:172 Resp: 265850
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.7 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.871 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.428 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:165 Resp: 20830
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

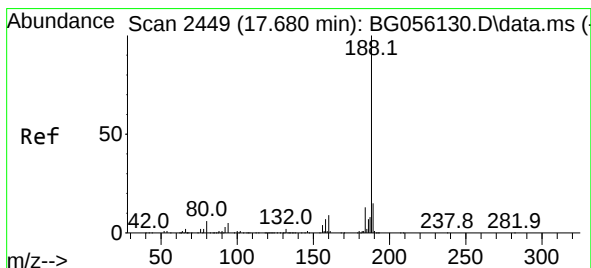
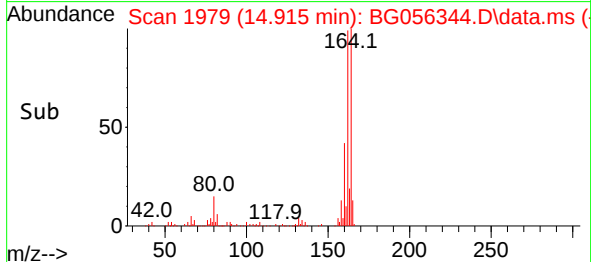
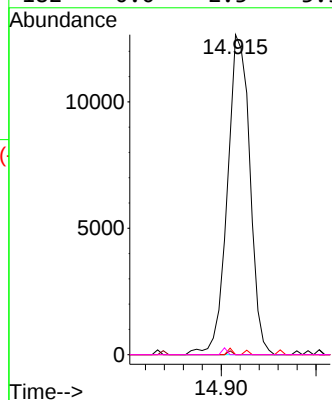
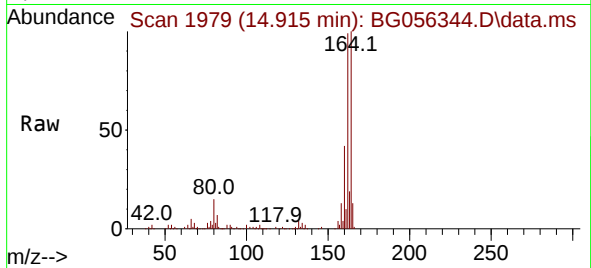




#57
2,4-Dinitrotoluene
Concen: 5.628 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.359 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

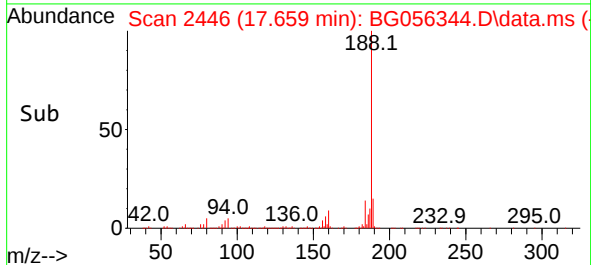
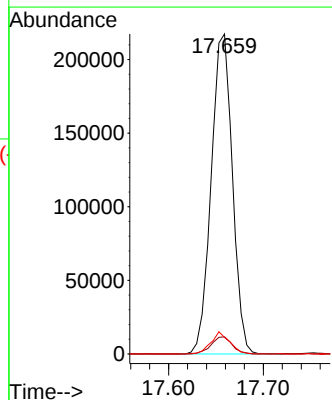
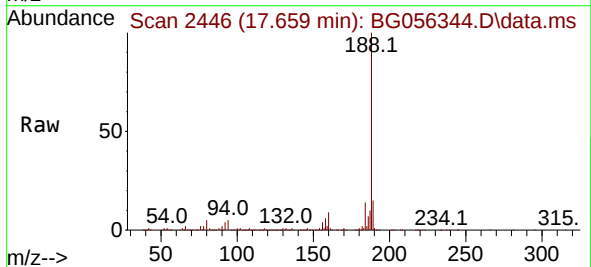
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

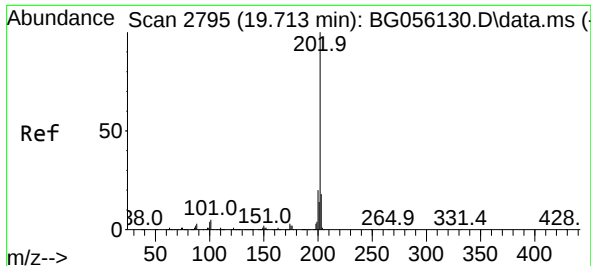
Tgt Ion:165 Resp: 20830
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:188 Resp: 337465
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.1 5.0 7.4

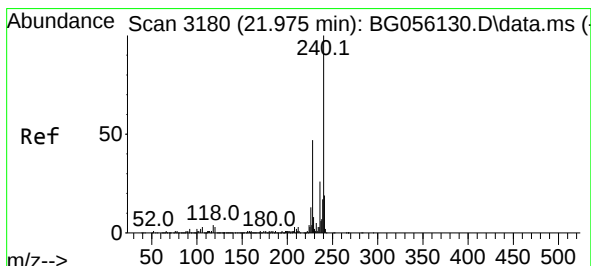
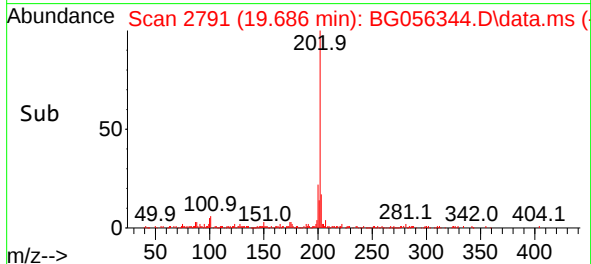
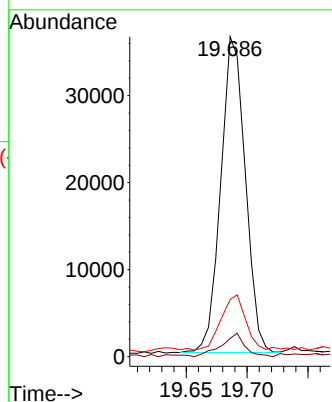
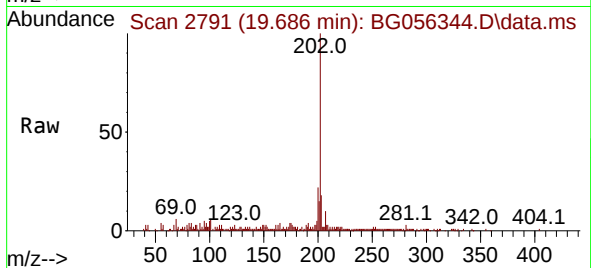




#75
Fluoranthene
Concen: 2.233 ng
RT: 19.686 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

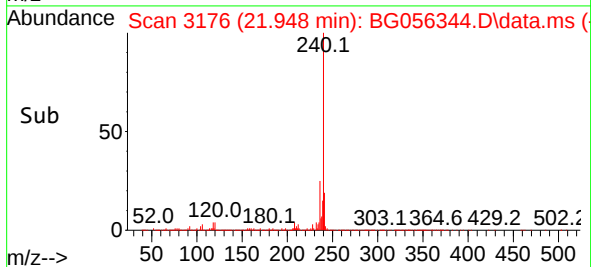
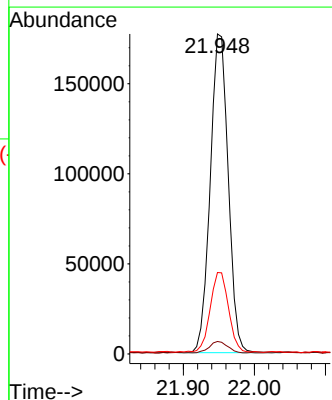
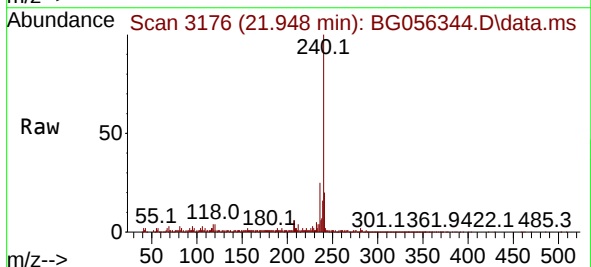
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

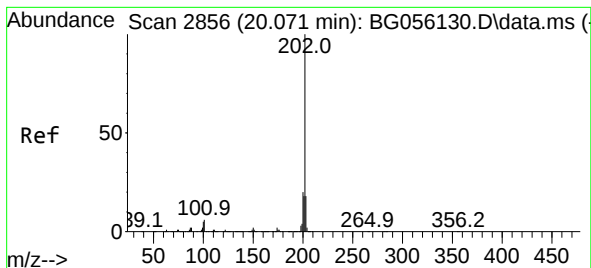
Tgt Ion:202 Resp: 50950
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.0
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:240 Resp: 310523
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.4 20.8 31.2





#78

Pyrene

Concen: 2.273 ng

RT: 20.050 min Scan# 2853

Delta R.T. -0.001 min

Lab File: BG056344.D

Acq: 19 Jan 2023 1:38

Instrument :

BNA_G

ClientSampleId :

CL-2-011623

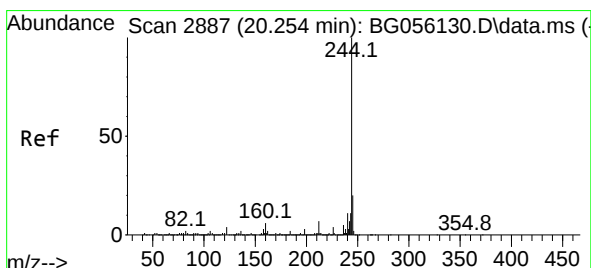
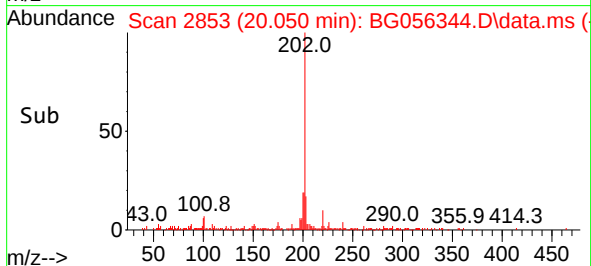
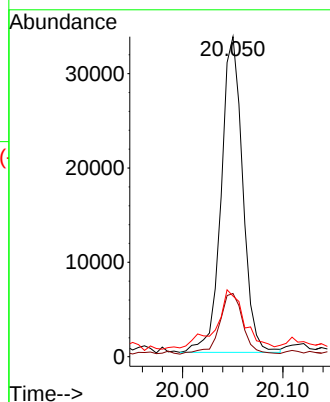
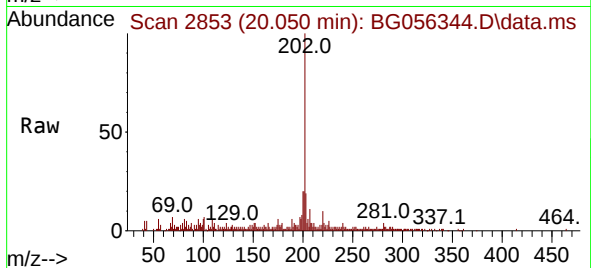
Tgt Ion:202 Resp: 49757

Ion Ratio Lower Upper

202 100

200 19.8 16.4 24.6

203 18.9 14.3 21.5



#79

Terphenyl-d14

Concen: 23.604 ng

RT: 20.227 min Scan# 2883

Delta R.T. -0.007 min

Lab File: BG056344.D

Acq: 19 Jan 2023 1:38

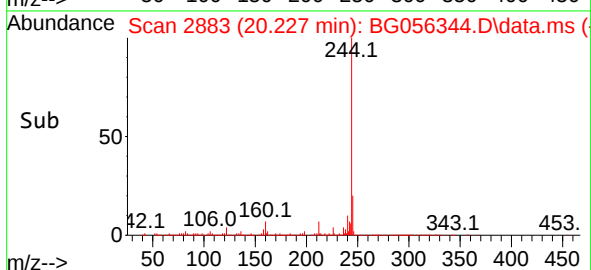
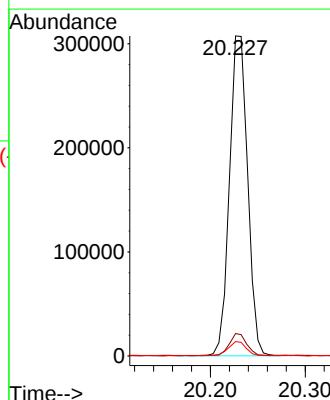
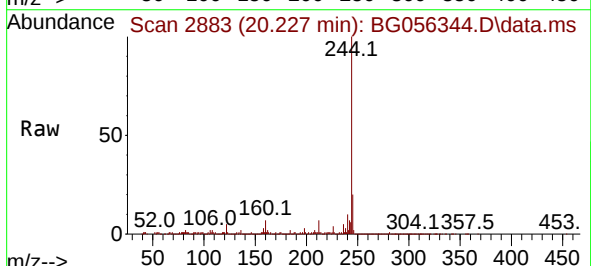
Tgt Ion:244 Resp: 409227

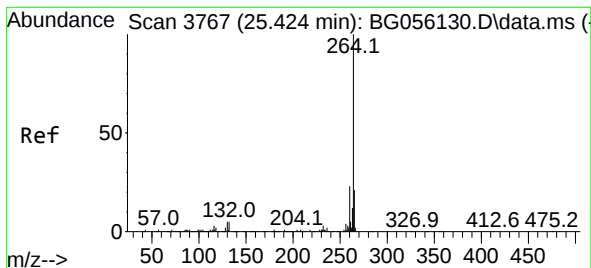
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 4.5 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.403 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG056344.D

Acq: 19 Jan 2023 1:38

Instrument :

BNA_G

ClientSampleId :

CL-2-011623

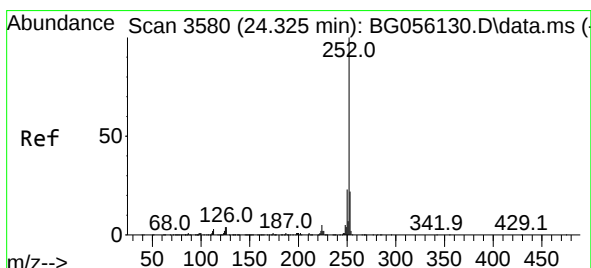
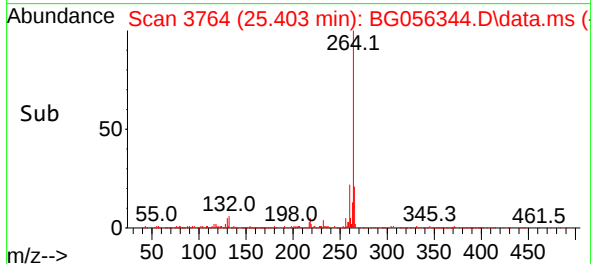
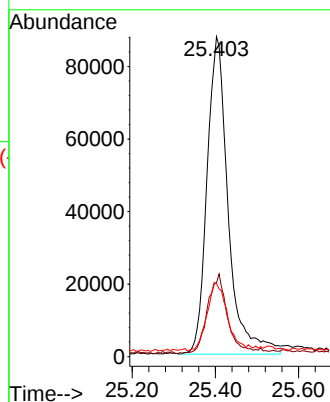
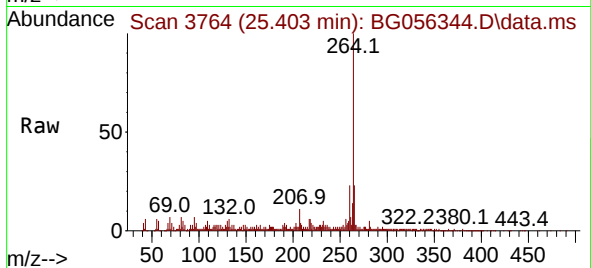
Tgt Ion:264 Resp: 309220

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.8 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 2.210 ng

RT: 24.304 min Scan# 3577

Delta R.T. 0.011 min

Lab File: BG056344.D

Acq: 19 Jan 2023 1:38

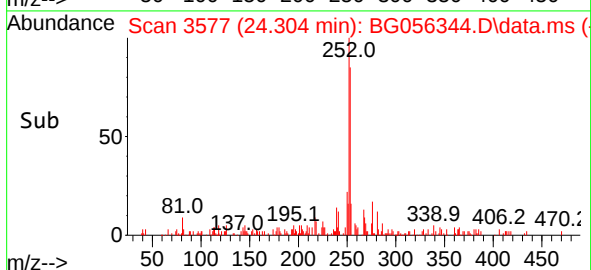
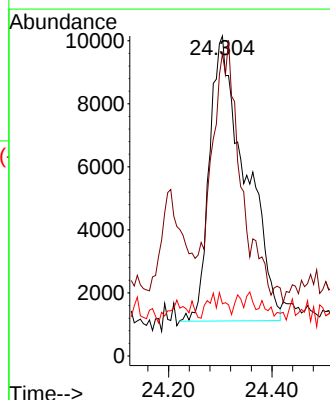
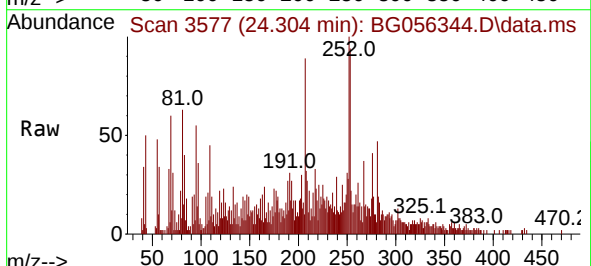
Tgt Ion:252 Resp: 43425

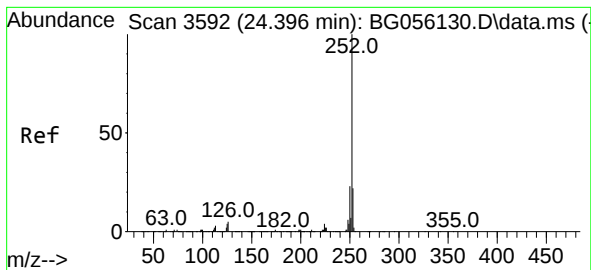
Ion Ratio Lower Upper

252 100

253 94.5 17.4 26.2#

125 16.3 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 2.214 ng

RT: 24.304 min Scan# 31

Delta R.T. -0.065 min

Lab File: BG056344.D

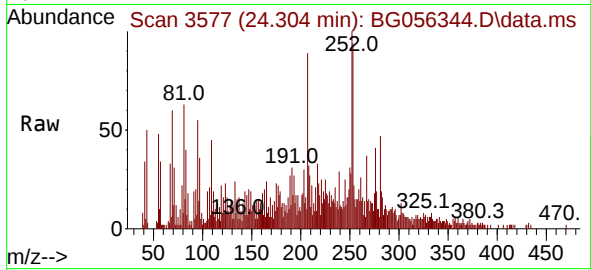
Acq: 19 Jan 2023 1:38

Instrument :

BNA_G

ClientSampleId :

CL-2-011623



Tgt Ion:252 Resp: 43309

Ion Ratio Lower Upper

252 100

253 94.5 17.5 26.3#

125 16.3 3.4 5.0#

