

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056451.D
 Acq On : 26 Jan 2023 20:35
 Operator : CG/JU
 Sample : 01279-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-1-012423

Quant Time: Jan 27 01:02:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

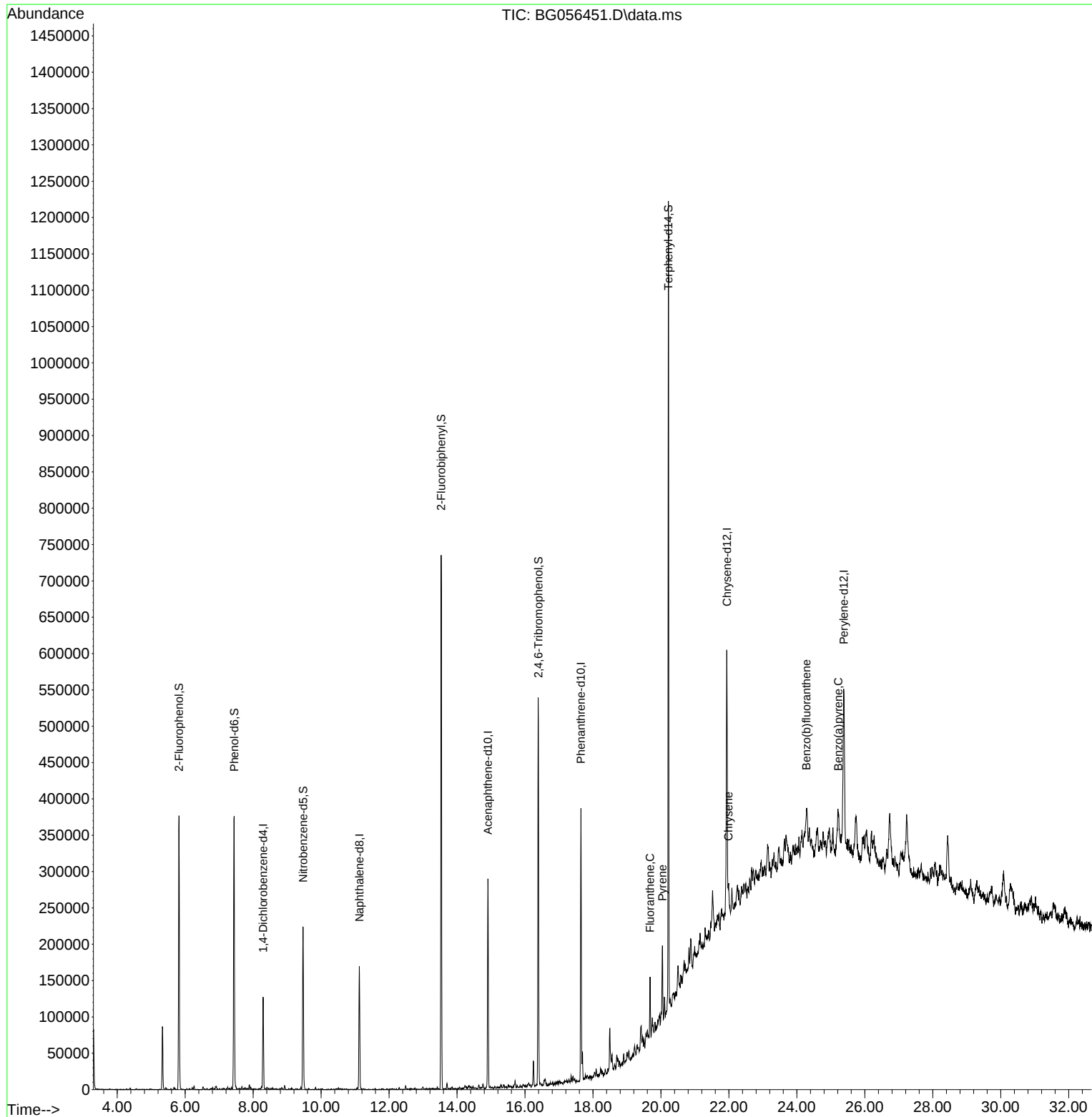
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	43857	20.000	ng	0.00
21) Naphthalene-d8	11.122	136	158888	20.000	ng	0.00
39) Acenaphthene-d10	14.906	164	113712	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	259771	20.000	ng	0.00
76) Chrysene-d12	21.939	240	247654	20.000	ng	# 0.00
86) Perylene-d12	25.376	264	265703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	220974	89.962	ng	0.00
7) Phenol-d6	7.438	99	299868	79.495	ng	0.00
23) Nitrobenzene-d5	9.465	82	159500	51.349	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	116870	81.152	ng	0.00
45) 2-Fluorobiphenyl	13.531	172	427010	51.855	ng	0.00
79) Terphenyl-d14	20.217	244	630738	45.615	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.677	202	54389	3.097	ng	96
78) Pyrene	20.041	202	61530	3.525	ng	96
83) Chrysene	21.986	228	45639	2.801	ng	# 91
88) Benzo(b)fluoranthene	24.277	252	45661	2.705	ng	# 53
90) Benzo(a)pyrene	25.218	252	35439	2.152	ng	# 74

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

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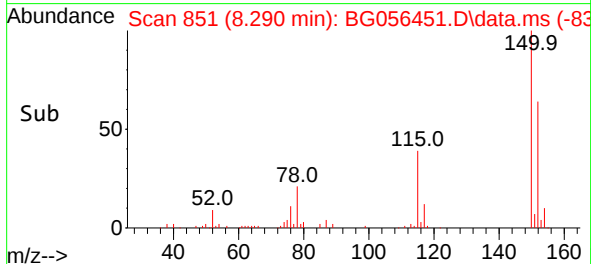
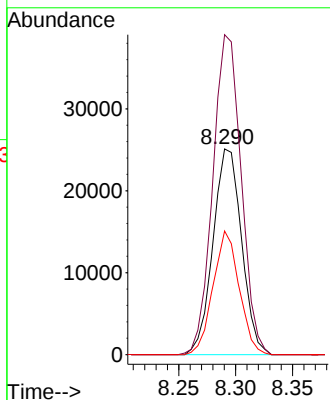
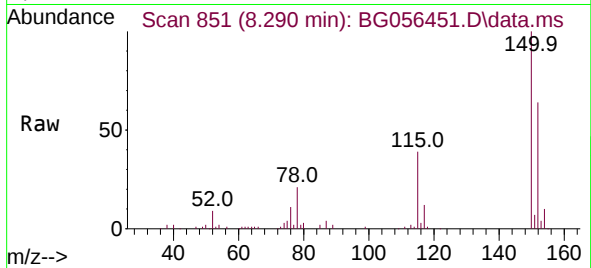




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.290 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

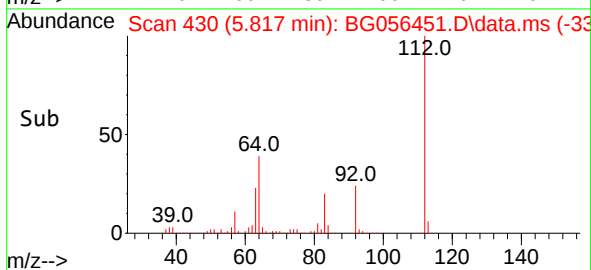
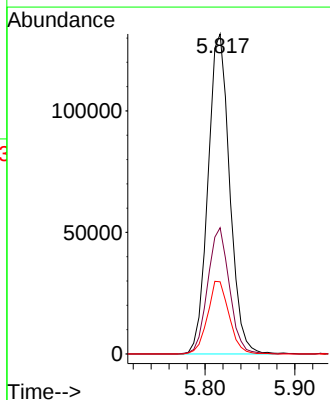
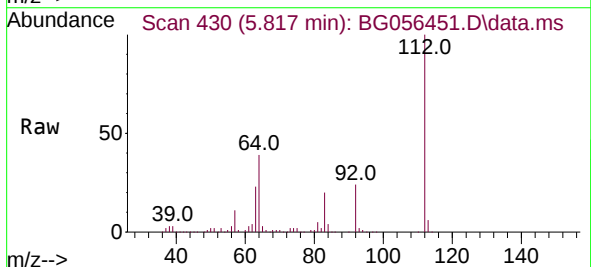
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

Tgt Ion:152 Resp: 43857
Ion Ratio Lower Upper
152 100
150 155.6 127.9 191.9
115 60.1 44.2 66.2



#5
2-Fluorophenol
Concen: 89.962 ng
RT: 5.817 min Scan# 430
Delta R.T. 0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion:112 Resp: 220974
Ion Ratio Lower Upper
112 100
64 39.4 33.3 49.9
63 22.6 19.0 28.4

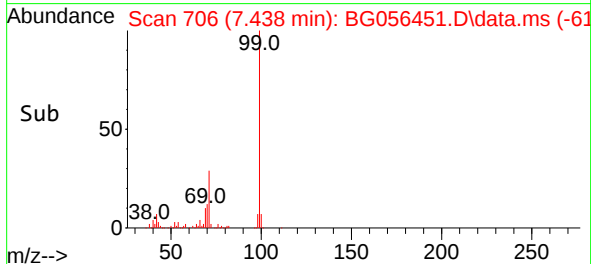
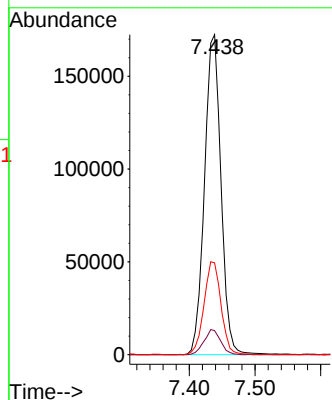
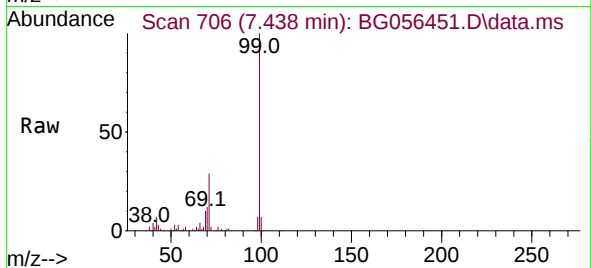




#7
Phenol-d6
Concen: 79.495 ng
RT: 7.438 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

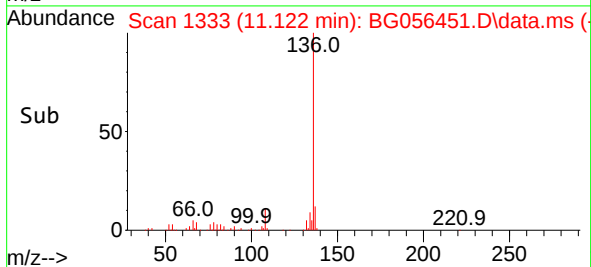
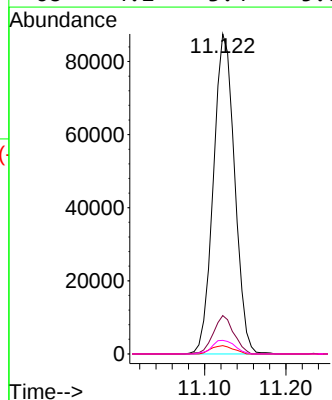
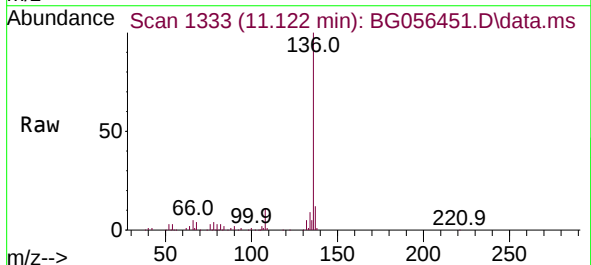
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

Tgt Ion: 99 Resp: 299868
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 28.7 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.122 min Scan# 1333
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion: 136 Resp: 158888
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.6 2.2 3.2
68 4.2 3.4 5.0





#23

Nitrobenzene-d5

Concen: 51.349 ng

RT: 9.465 min Scan# 1051

Delta R.T. -0.009 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CL-1-012423

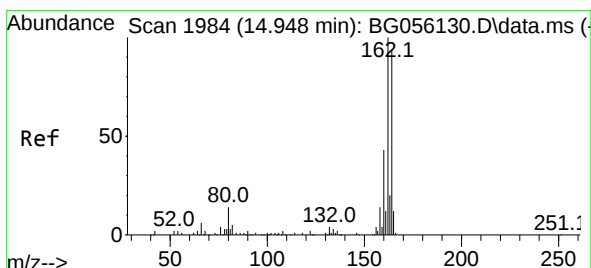
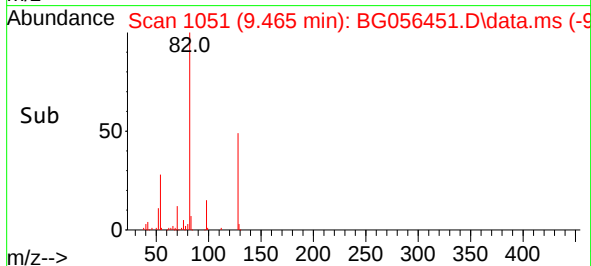
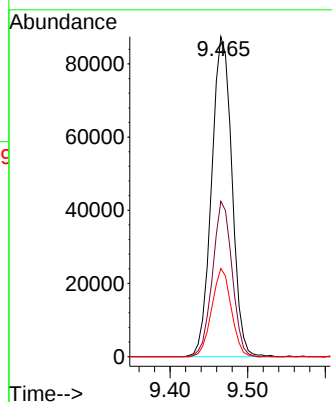
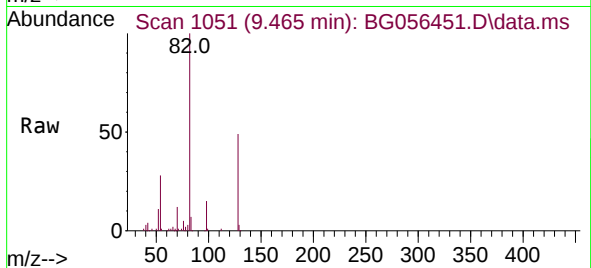
Tgt Ion: 82 Resp: 159500

Ion Ratio Lower Upper

82 100

128 48.6 33.4 50.2

54 27.5 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.906 min Scan# 1977

Delta R.T. -0.009 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

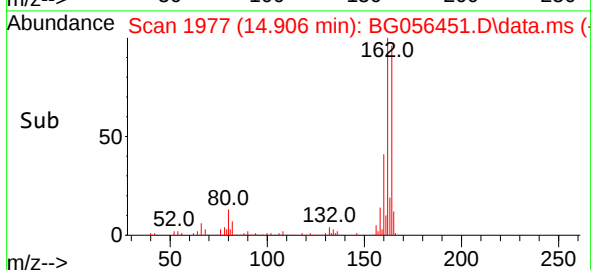
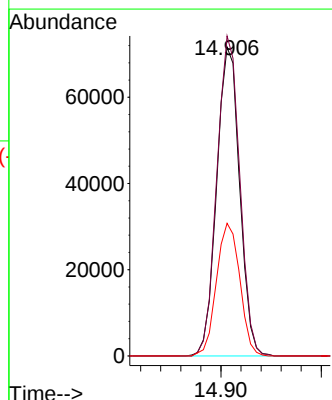
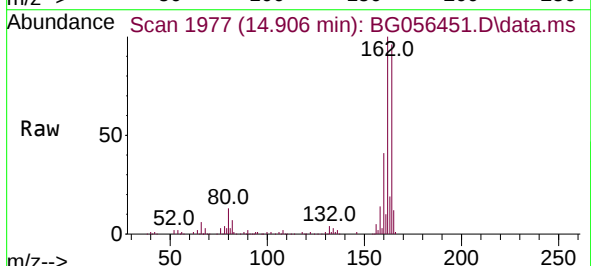
Tgt Ion:164 Resp: 113712

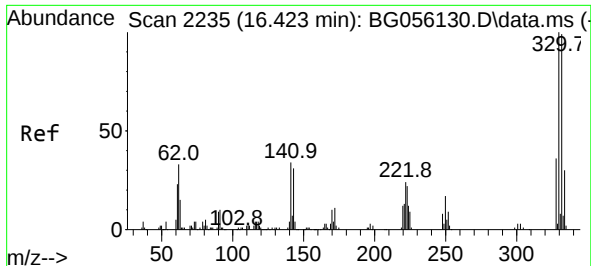
Ion Ratio Lower Upper

164 100

162 103.7 84.7 127.1

160 42.9 36.3 54.5

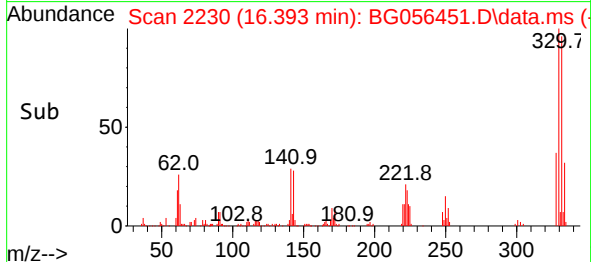
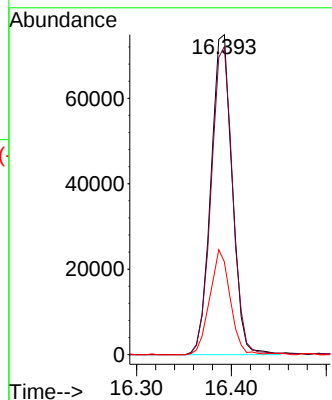
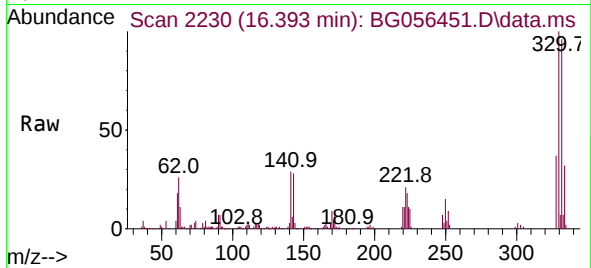




#42
 2,4,6-Tribromophenol
 Concen: 81.152 ng
 RT: 16.393 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056451.D
 Acq: 26 Jan 2023 20:35

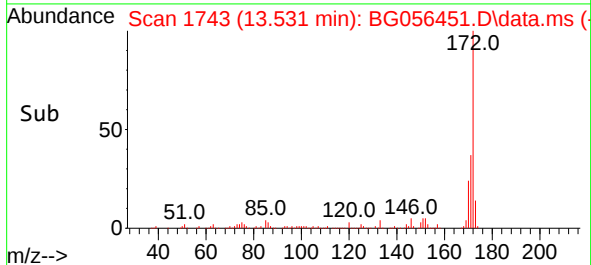
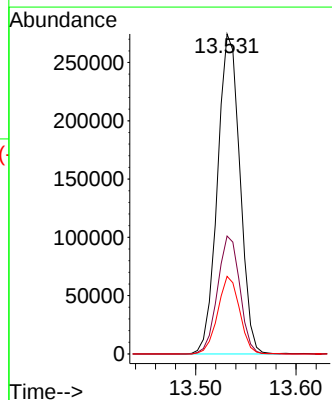
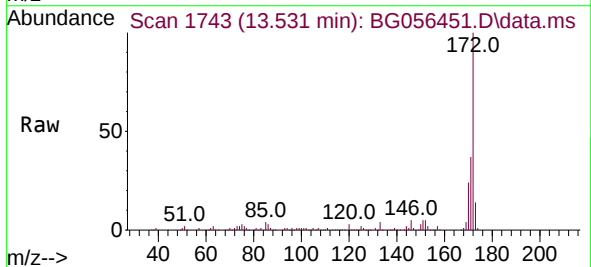
Instrument :
 BNA_G
 ClientSampleId :
 CL-1-012423

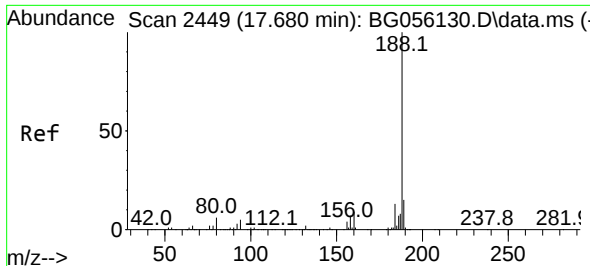
Tgt Ion:330 Resp: 116870
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 31.4 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 51.855 ng
 RT: 13.531 min Scan# 1743
 Delta R.T. -0.009 min
 Lab File: BG056451.D
 Acq: 26 Jan 2023 20:35

Tgt Ion:172 Resp: 427010
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.2 19.4 29.2

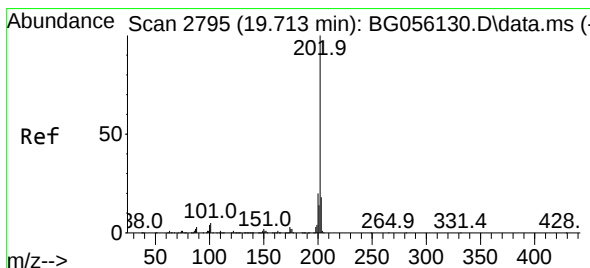
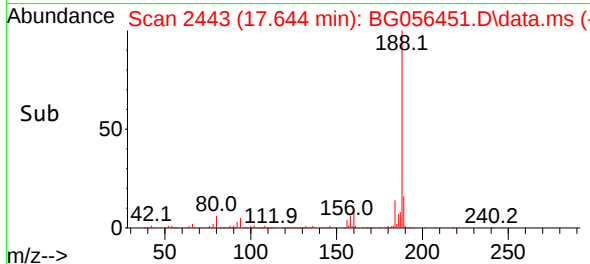
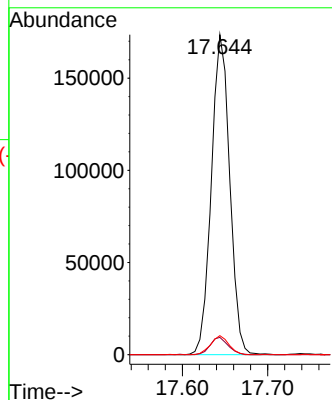
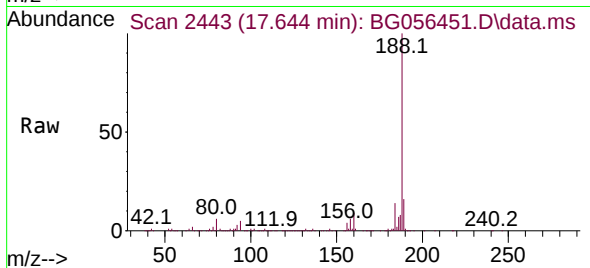




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

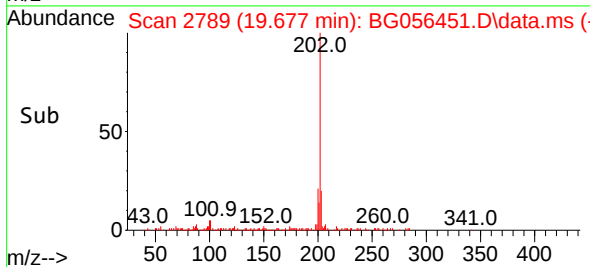
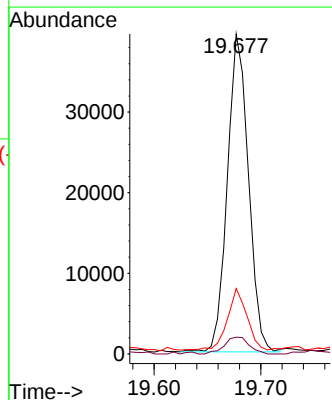
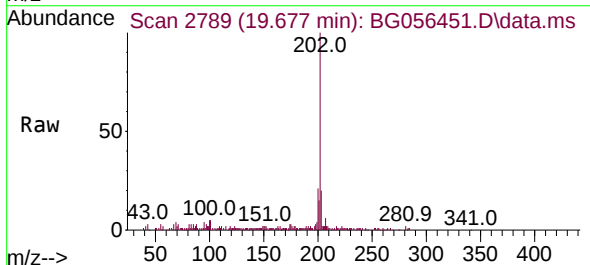
Instrument :
BNA_G
ClientSampleId :
CL-1-012423

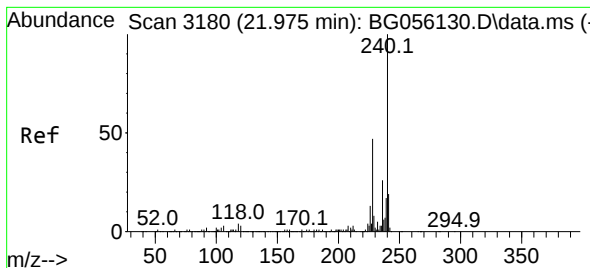
Tgt Ion:188 Resp: 259771
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 5.9 5.0 7.4



#75
Fluoranthene
Concen: 3.097 ng
RT: 19.677 min Scan# 2789
Delta R.T. -0.009 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Tgt Ion:202 Resp: 54389
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.0
203 20.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.939 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CL-1-012423

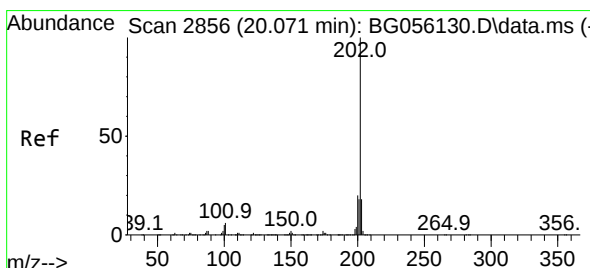
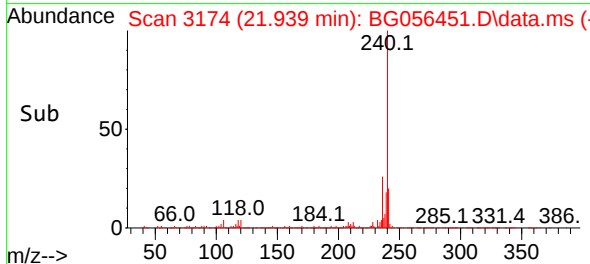
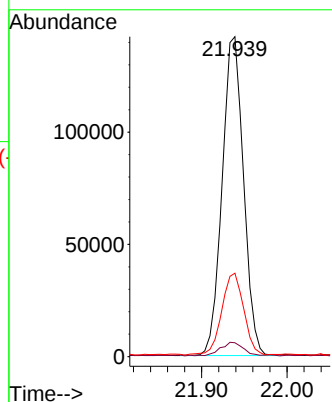
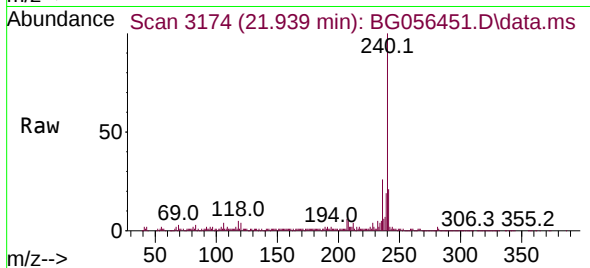
Tgt Ion:240 Resp: 247654

Ion Ratio Lower Upper

240 100

120 4.4 2.6 4.0#

236 26.1 20.8 31.2



#78

Pyrene

Concen: 3.525 ng

RT: 20.041 min Scan# 2851

Delta R.T. -0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

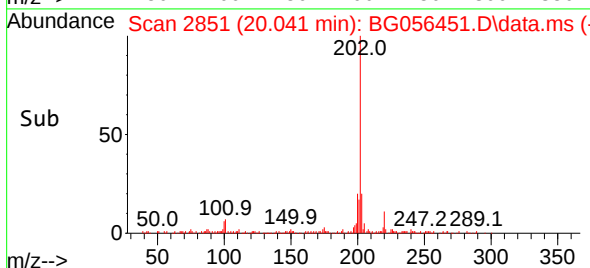
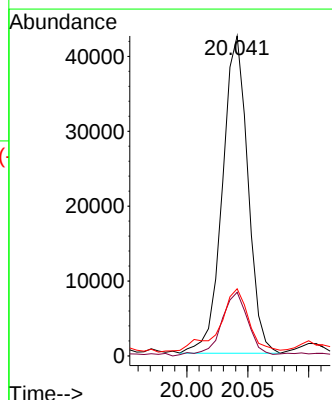
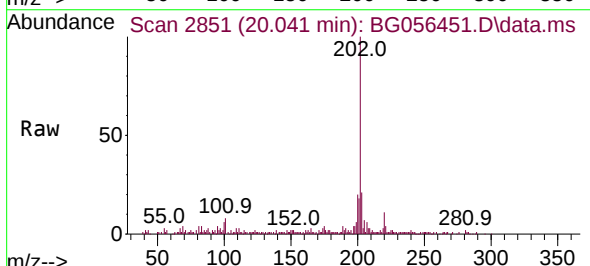
Tgt Ion:202 Resp: 61530

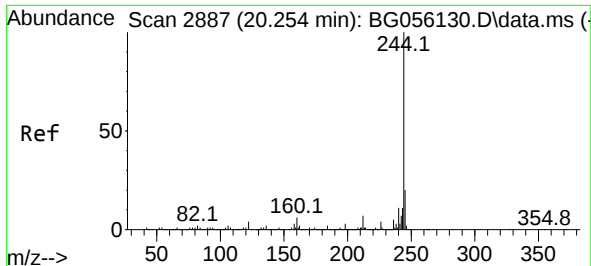
Ion Ratio Lower Upper

202 100

200 19.9 16.4 24.6

203 21.0 14.3 21.5

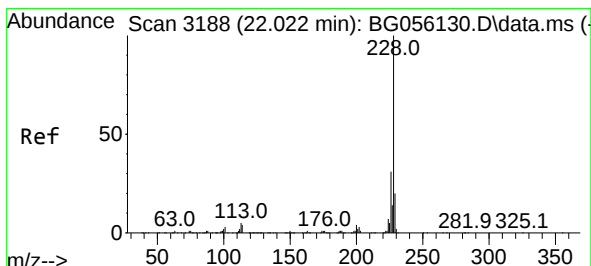
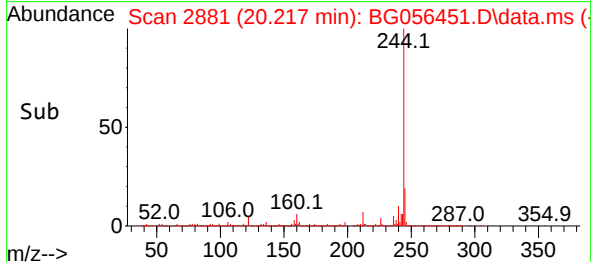
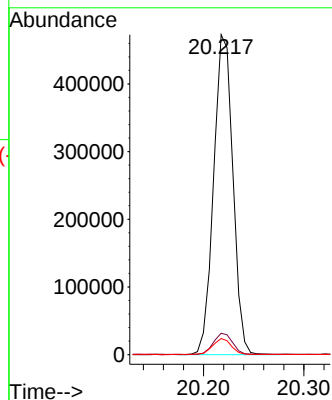
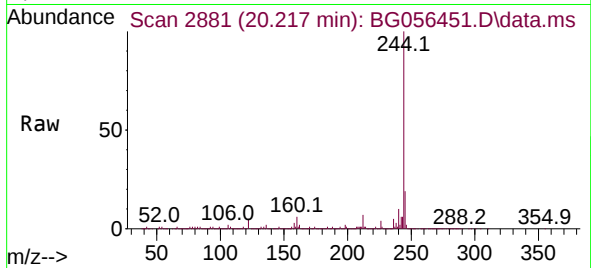




#79
 Terphenyl-d14
 Concen: 45.615 ng
 RT: 20.217 min Scan# 2881
 Delta R.T. -0.009 min
 Lab File: BG056451.D
 Acq: 26 Jan 2023 20:35

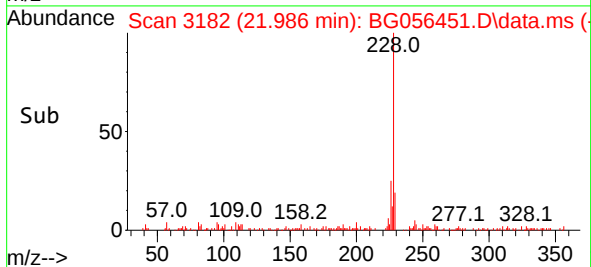
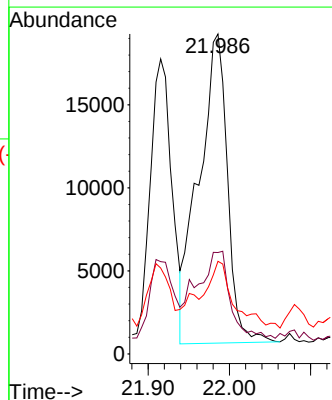
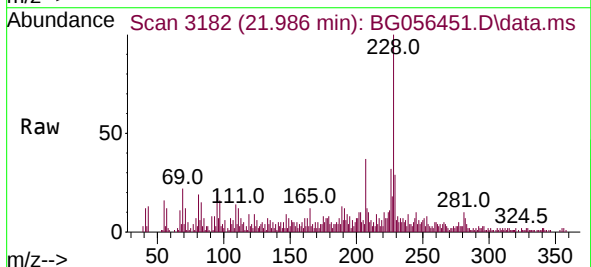
Instrument :
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 CL-1-012423

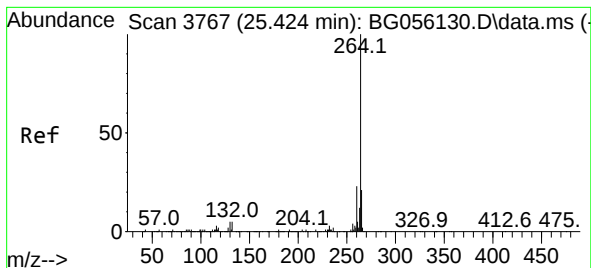
Tgt Ion:244 Resp: 630738
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 5.0 3.5 5.3



#83
 Chrysene
 Concen: 2.801 ng
 RT: 21.986 min Scan# 3182
 Delta R.T. -0.009 min
 Lab File: BG056451.D
 Acq: 26 Jan 2023 20:35

Tgt Ion:228 Resp: 45639
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.6 36.8
 229 28.9 15.8 23.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.376 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

Instrument :

BNA_G

ClientSampleId :

CL-1-012423

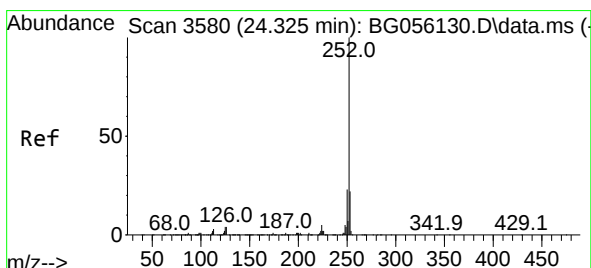
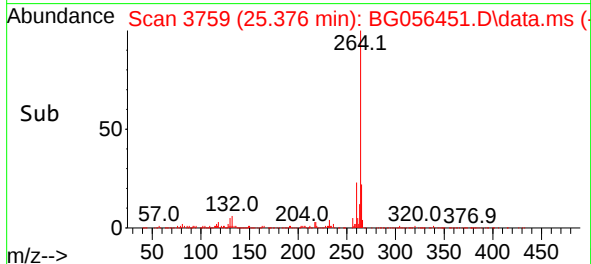
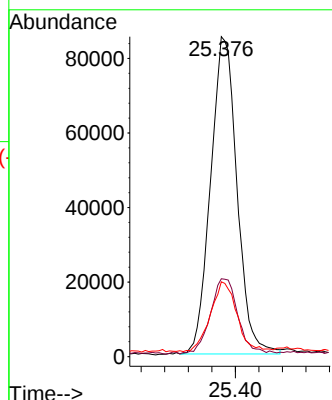
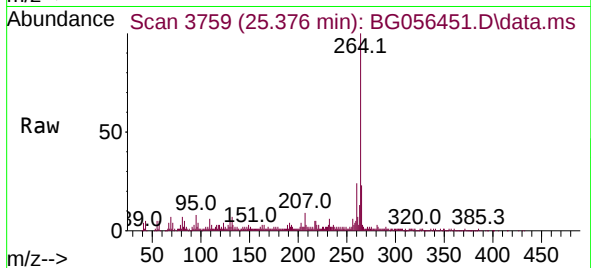
Tgt Ion:264 Resp: 265703

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 23.4 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 2.705 ng

RT: 24.277 min Scan# 3572

Delta R.T. -0.003 min

Lab File: BG056451.D

Acq: 26 Jan 2023 20:35

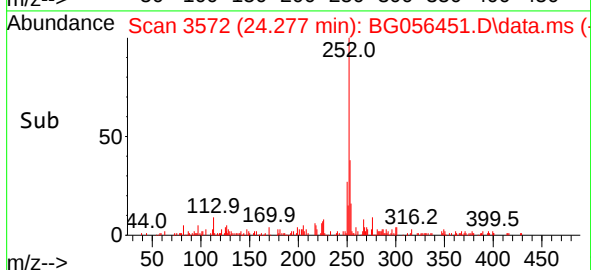
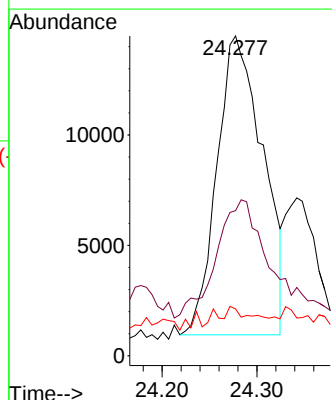
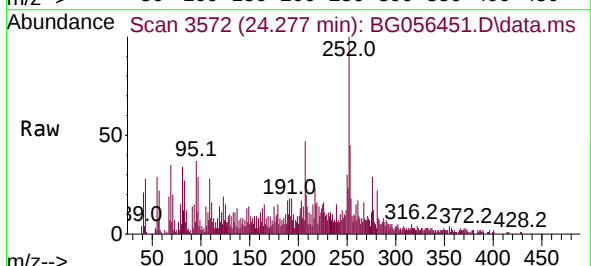
Tgt Ion:252 Resp: 45661

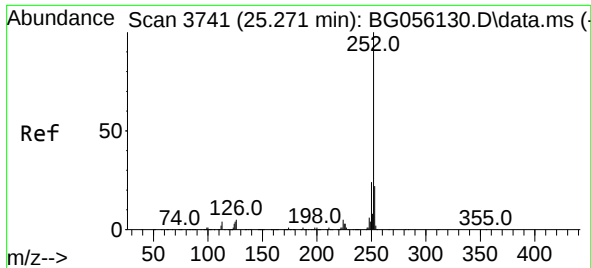
Ion Ratio Lower Upper

252 100

253 45.4 17.4 26.2#

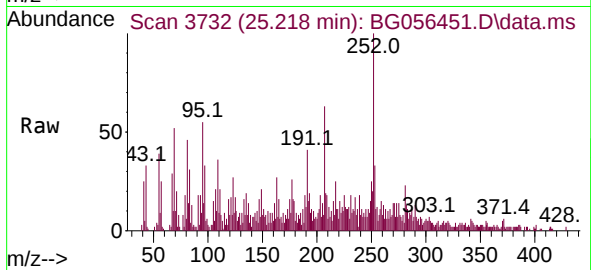
125 14.7 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 2.152 ng
RT: 25.218 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056451.D
Acq: 26 Jan 2023 20:35

Instrument :
BNA_G
ClientSampleId :
CL-1-012423



Tgt Ion:252 Resp: 35439
Ion Ratio Lower Upper
252 100
253 32.8 17.4 26.2#
125 16.7 3.2 4.8#

