

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056255.D
 Acq On : 11 Jan 2023 18:02
 Operator : CG/JU
 Sample : 01055-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J

Quant Time: Jan 12 04:22:25 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	8.318	152	41141	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	157829	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	129374	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	340061	20.000	ng	0.00
76) Chrysene-d12	21.955	240	332915	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	362998	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	187104	81.202	ng	0.00
7) Phenol-d6	7.448	99	160198	45.272	ng	0.00
23) Nitrobenzene-d5	9.487	82	312527	101.288	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	269986	164.776	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	974934	104.061	ng	0.00
79) Terphenyl-d14	20.239	244	1885443	101.435	ng	0.00

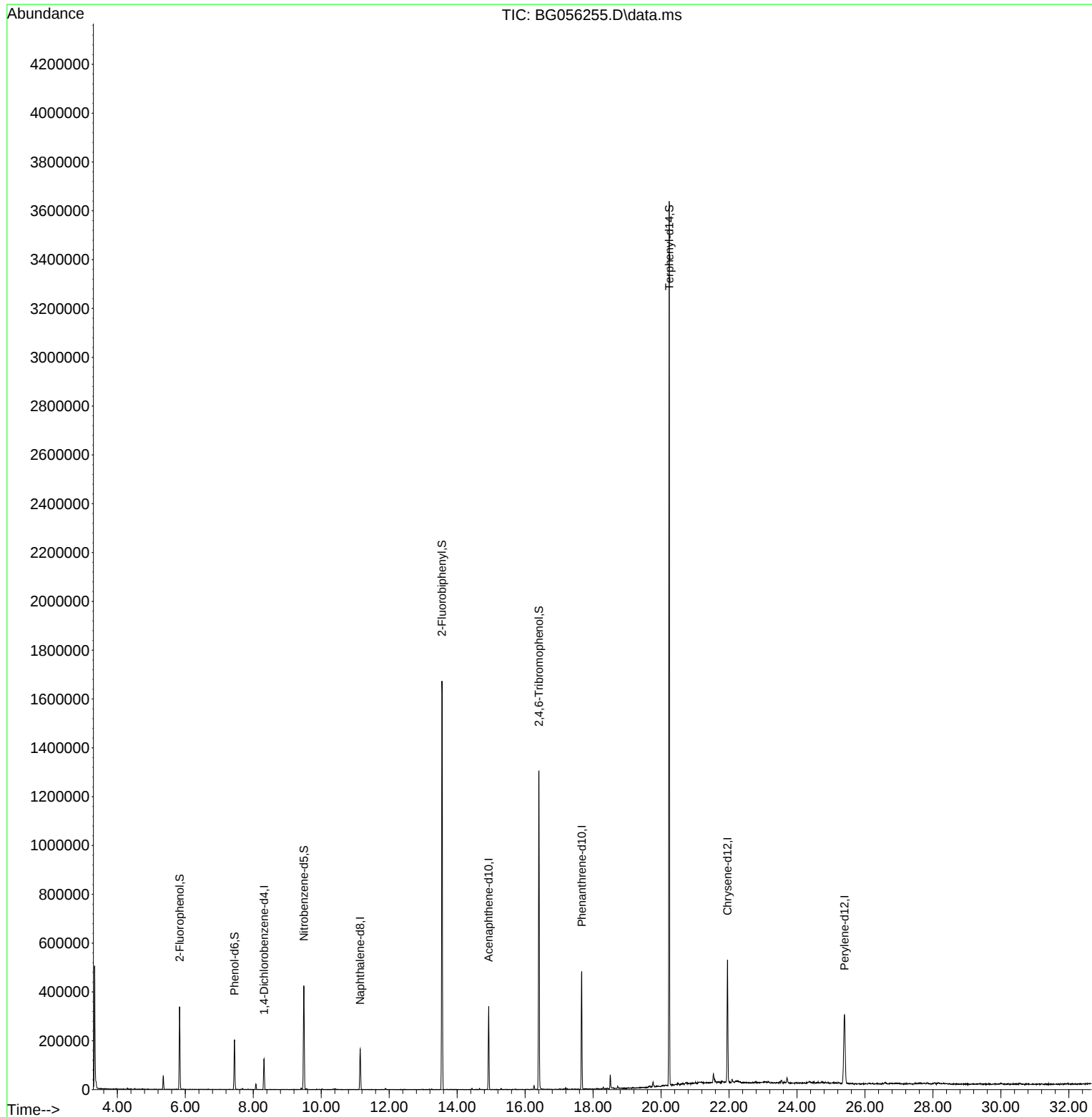
Target Compounds Qvalue

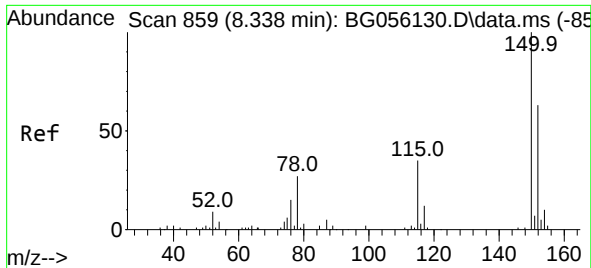
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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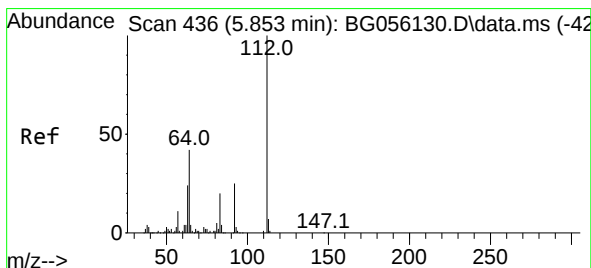
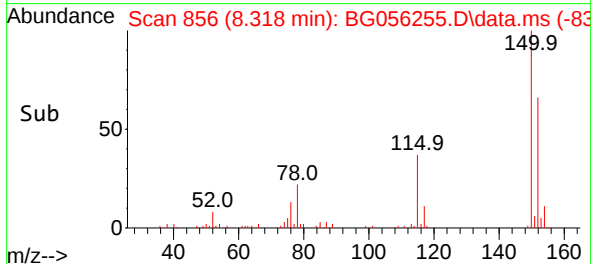
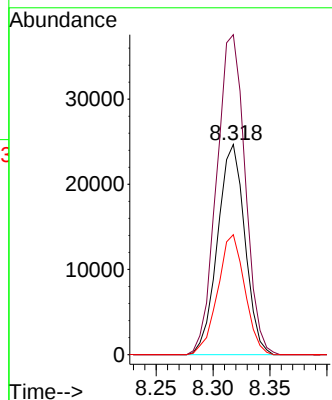
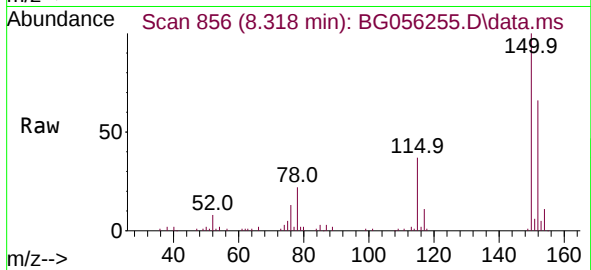




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

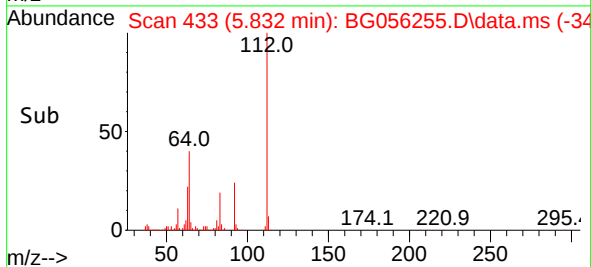
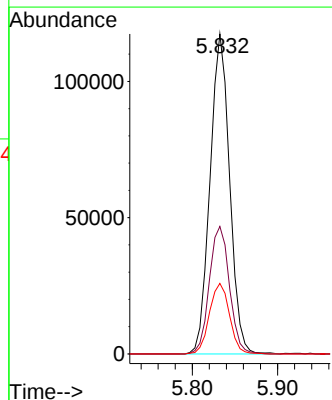
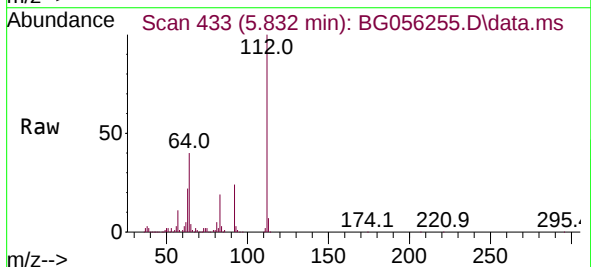
Instrument :
BNA_G
ClientSampleId :
MH-J

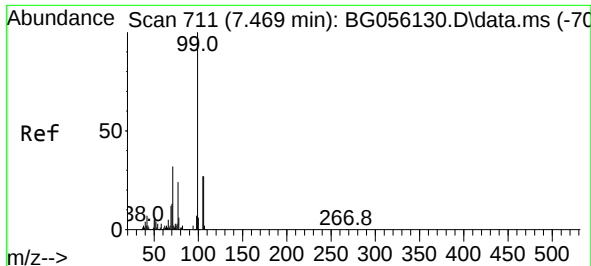
Tgt Ion:152 Resp: 41141
Ion Ratio Lower Upper
152 100
150 152.3 127.9 191.9
115 57.0 44.2 66.2



#5
2-Fluorophenol
Concen: 81.202 ng
RT: 5.832 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

Tgt Ion:112 Resp: 187104
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 22.0 19.0 28.4

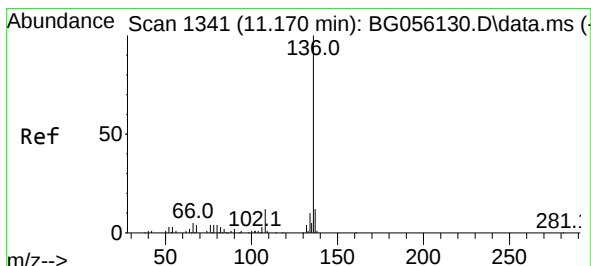
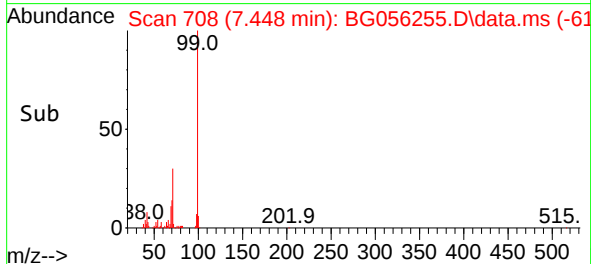
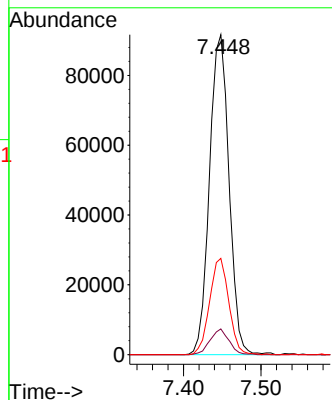
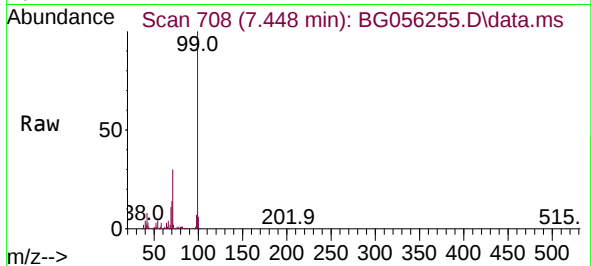




#7
Phenol-d6
Concen: 45.272 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

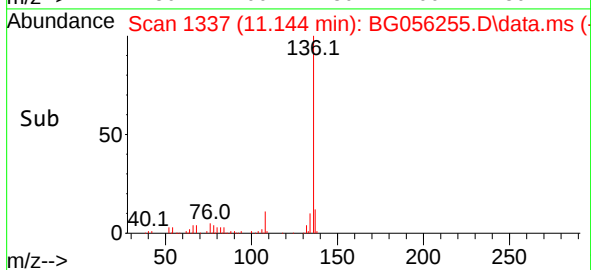
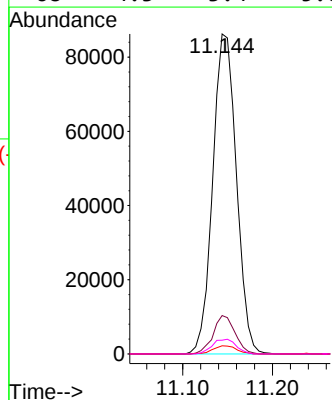
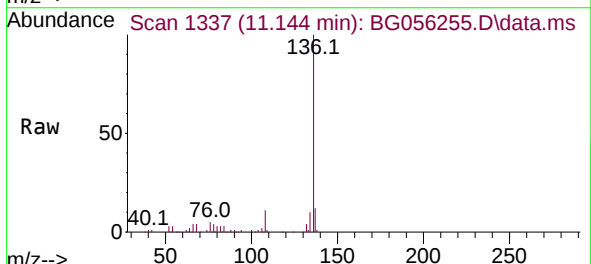
Instrument :
BNA_G
ClientSampleId :
MH-J

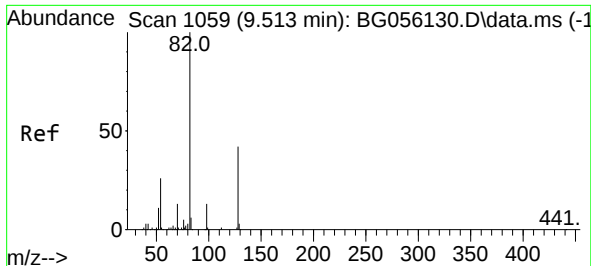
Tgt Ion: 99 Resp: 160198
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 30.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

Tgt Ion: 136 Resp: 157829
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 2.5 2.2 3.2
68 4.3 3.4 5.0

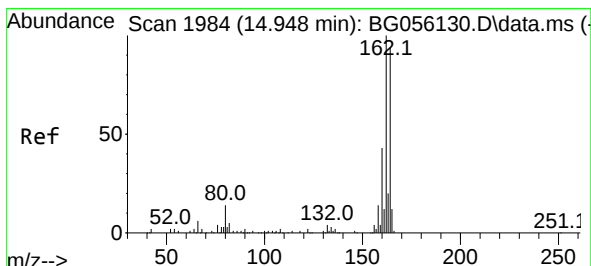
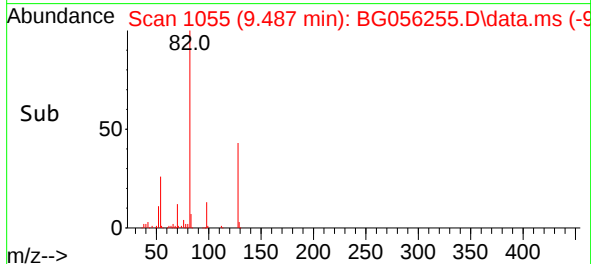
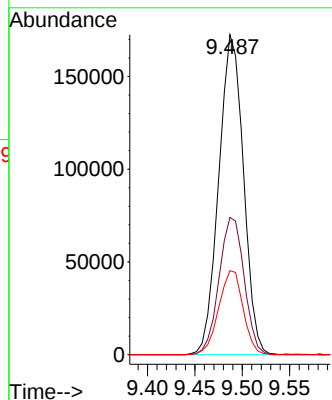
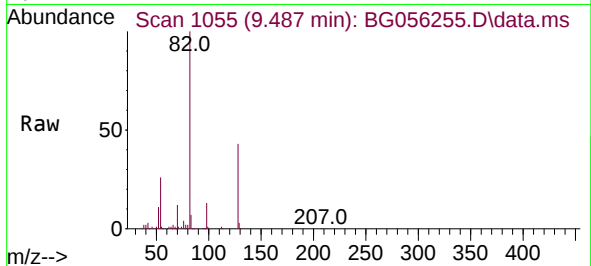




#23
Nitrobenzene-d5
Concen: 101.288 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

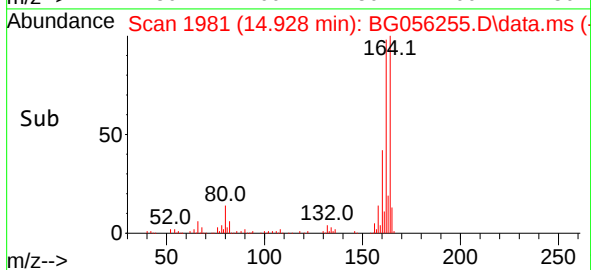
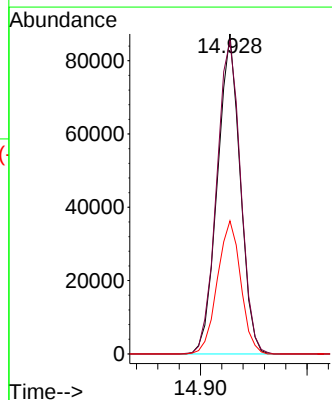
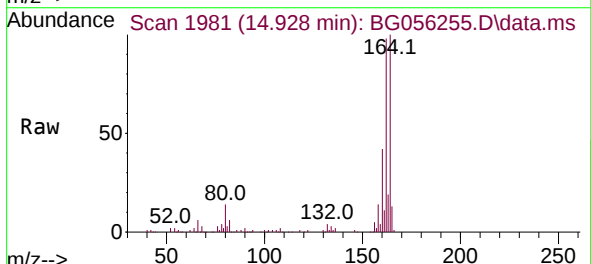
Instrument :
BNA_G
ClientSampleId :
MH-J

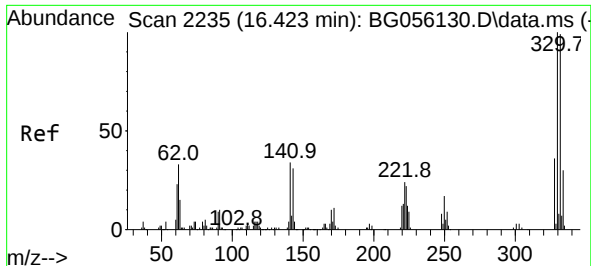
Tgt Ion: 82 Resp: 312527
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.2
54 26.2 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

Tgt Ion:164 Resp: 129374
Ion Ratio Lower Upper
164 100
162 97.8 84.7 127.1
160 41.6 36.3 54.5

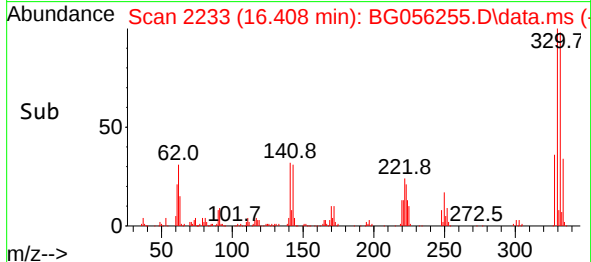
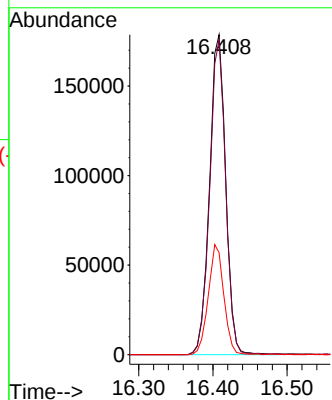
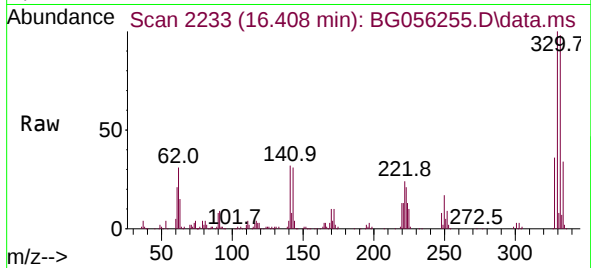




#42
2,4,6-Tribromophenol
Concen: 164.776 ng
RT: 16.408 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

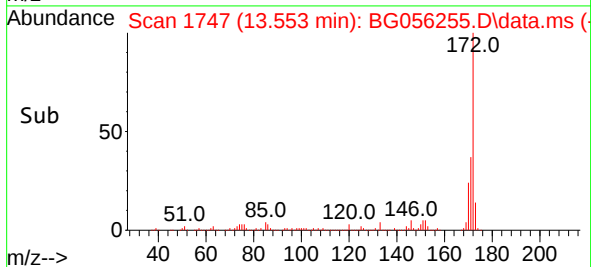
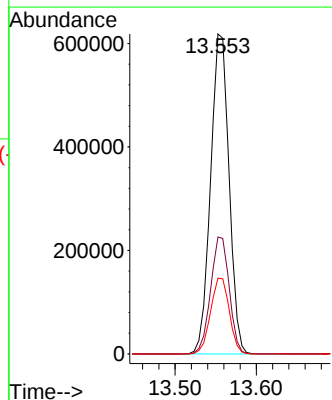
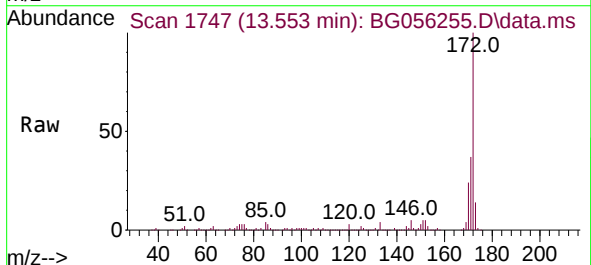
Instrument :
BNA_G
ClientSampleId :
MH-J

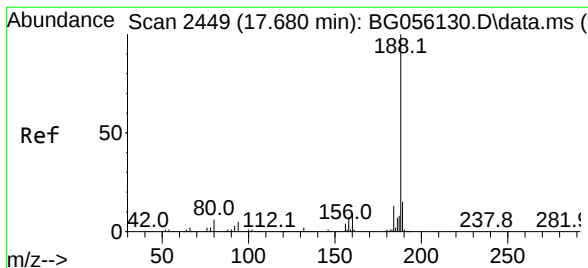
Tgt Ion:330 Resp: 269986
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 104.061 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056255.D
Acq: 11 Jan 2023 18:02

Tgt Ion:172 Resp: 974934
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.7 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.666 min Scan# 2447

Delta R.T. 0.001 min

Lab File: BG056255.D

Acq: 11 Jan 2023 18:02

Instrument :

BNA_G

ClientSampleId :

MH-J

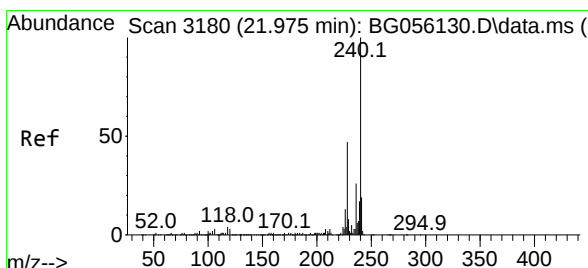
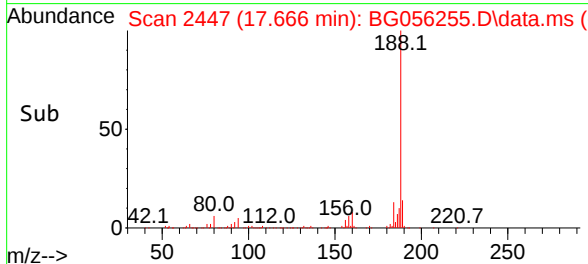
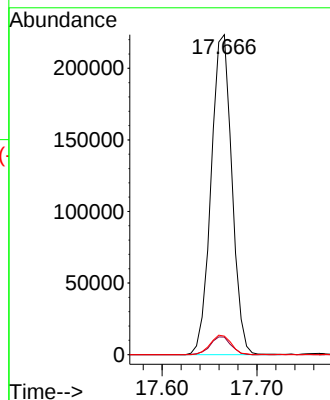
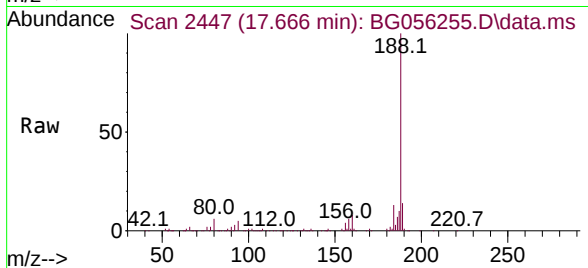
Tgt Ion:188 Resp: 340061

Ion Ratio Lower Upper

188 100

94 5.5 4.2 6.2

80 5.8 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.955 min Scan# 3177

Delta R.T. -0.005 min

Lab File: BG056255.D

Acq: 11 Jan 2023 18:02

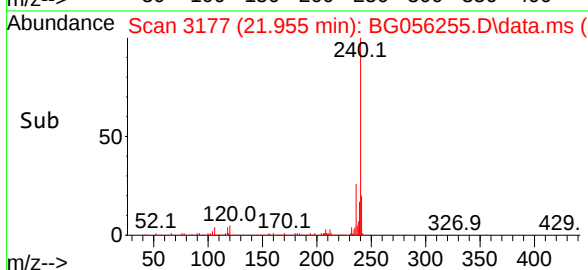
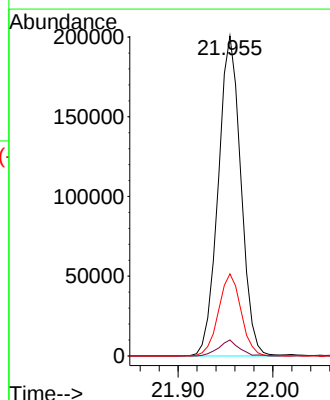
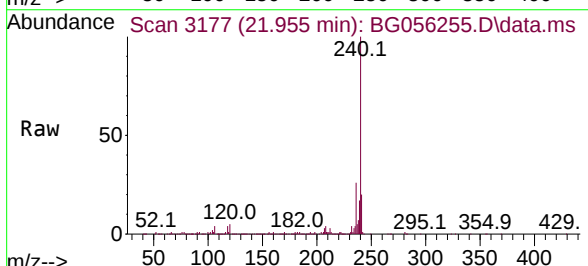
Tgt Ion:240 Resp: 332915

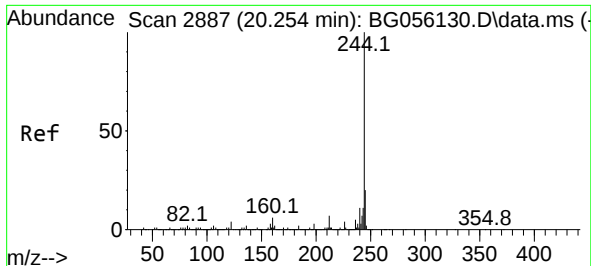
Ion Ratio Lower Upper

240 100

120 5.0 2.6 4.0#

236 25.7 20.8 31.2

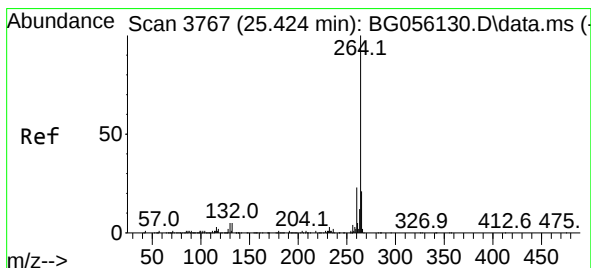
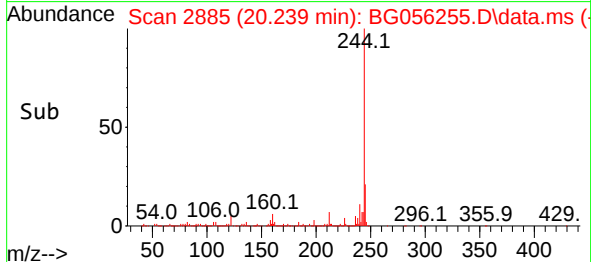
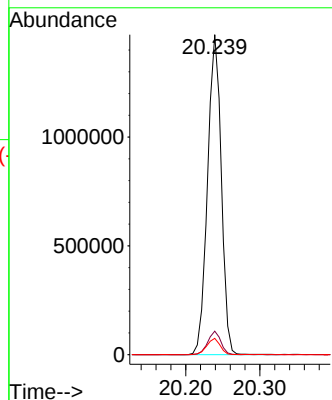
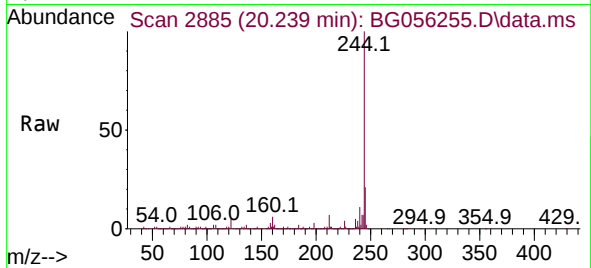




#79
 Terphenyl-d14
 Concen: 101.435 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056255.D
 Acq: 11 Jan 2023 18:02

Instrument :
 BNA_G
 ClientSampleId :
 MH-J

Tgt Ion:244 Resp: 1885443
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.398 min Scan# 3763
 Delta R.T. -0.005 min
 Lab File: BG056255.D
 Acq: 11 Jan 2023 18:02

Tgt Ion:264 Resp: 362998
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.9 16.7 25.1

