

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056288.D
 Acq On : 13 Jan 2023 22:03
 Operator : CG/JU
 Sample : 01124-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-4

Quant Time: Jan 16 00:25:57 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	43115	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	167519	20.000	ng	# 0.00
39) Acenaphthene-d10	14.928	164	135276	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	338050	20.000	ng	0.00
76) Chrysene-d12	21.960	240	341501	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	368579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	338983	140.381	ng	0.01
7) Phenol-d6	7.454	99	440464	118.776	ng	0.00
23) Nitrobenzene-d5	9.493	82	283229	86.483	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	226763	132.358	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	899222	91.793	ng	0.00
79) Terphenyl-d14	20.239	244	1753230	91.951	ng	0.00

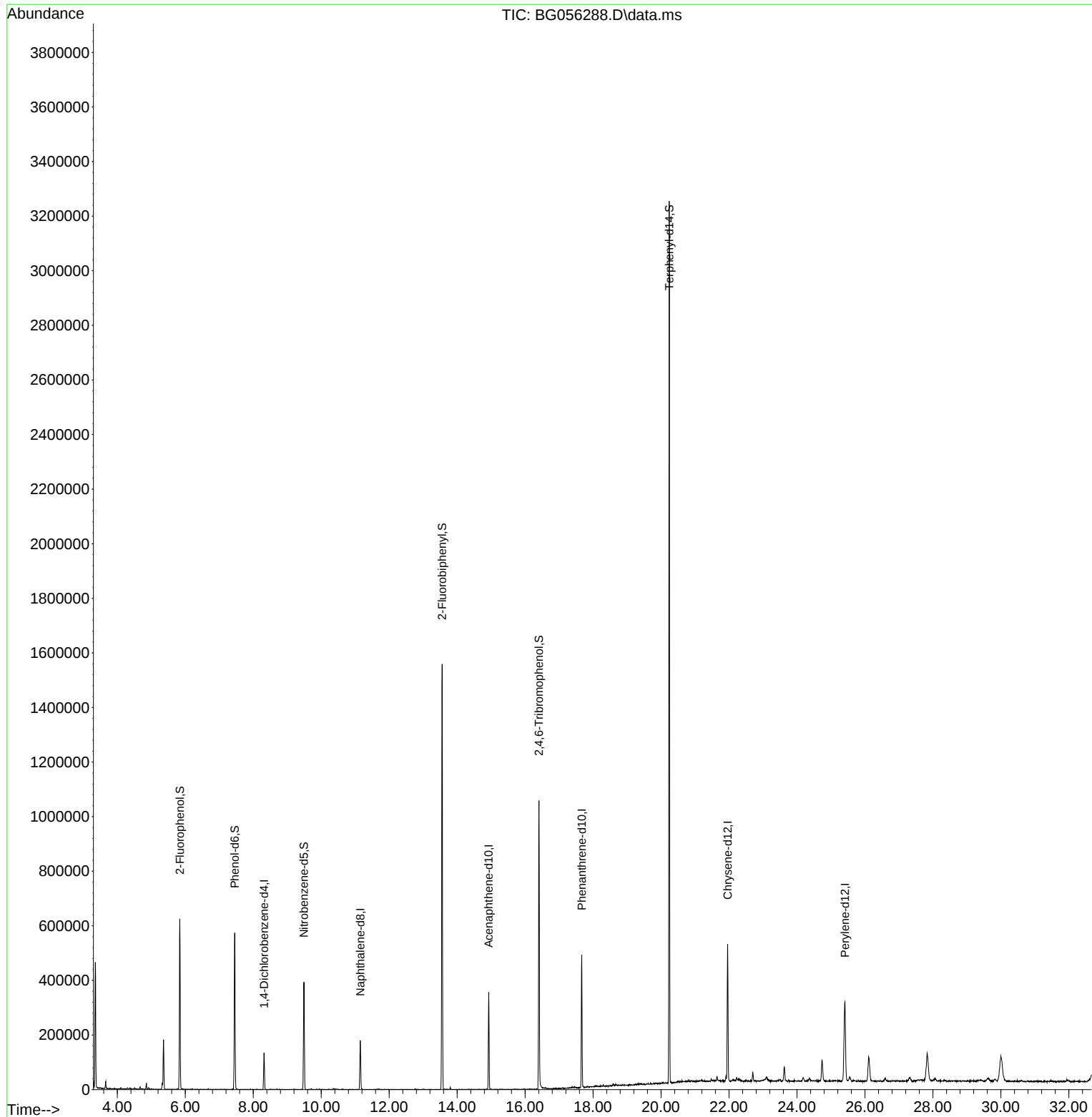
Target Compounds Qvalue

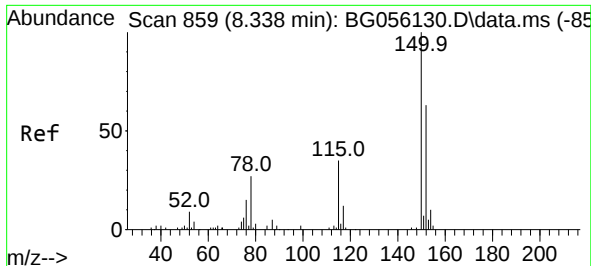
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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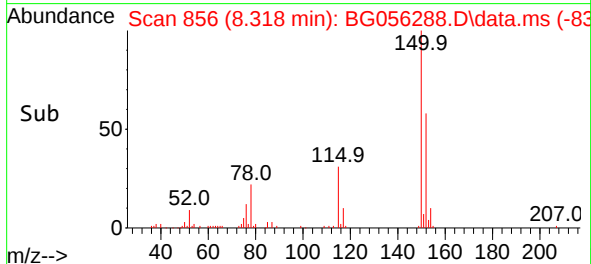
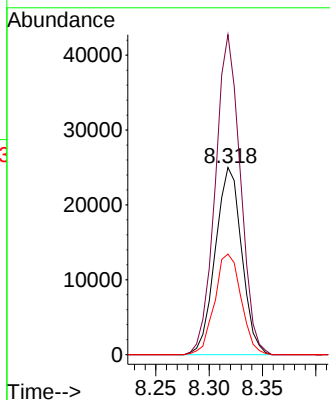
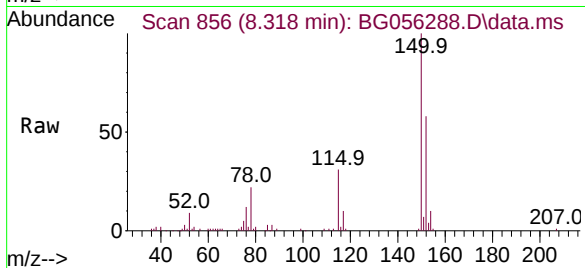




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 859
Delta R.T. 0.001 min
Lab File: BG056288.D
Acq: 13 Jan 2023 22:03

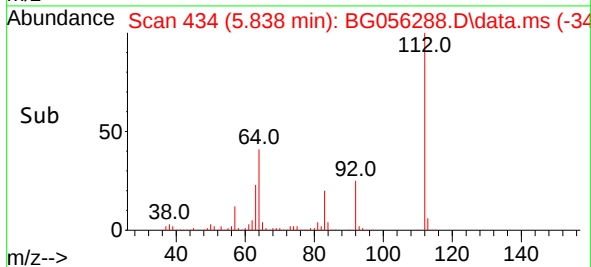
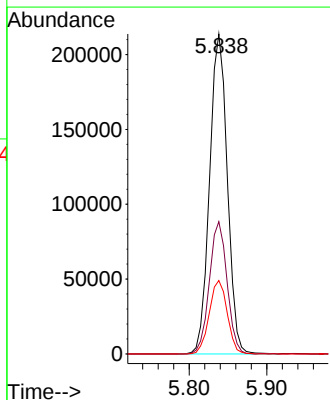
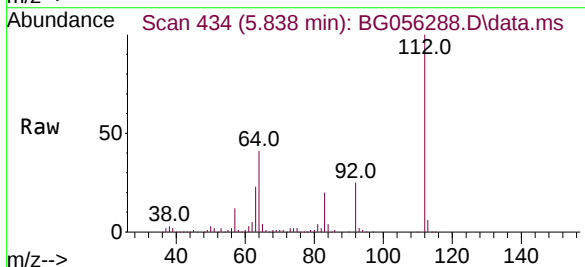
Instrument :
BNA_G
ClientSampleId :
MH-4

Tgt Ion:152 Resp: 43115
Ion Ratio Lower Upper
152 100
150 171.0 127.9 191.9
115 53.7 44.2 66.2



#5
2-Fluorophenol
Concen: 140.381 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056288.D
Acq: 13 Jan 2023 22:03

Tgt Ion:112 Resp: 338983
Ion Ratio Lower Upper
112 100
64 41.3 33.3 49.9
63 22.9 19.0 28.4

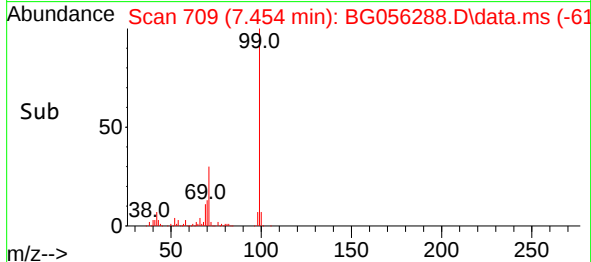
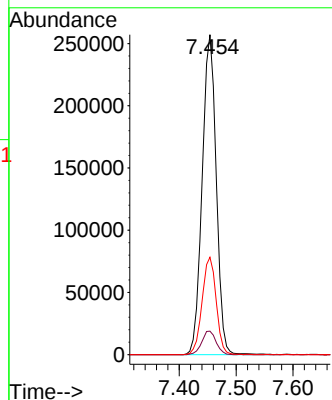
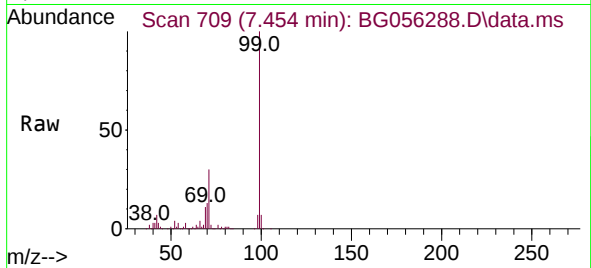




#7
Phenol-d6
Concen: 118.776 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056288.D
Acq: 13 Jan 2023 22:03

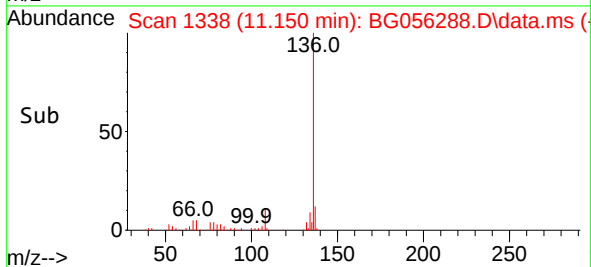
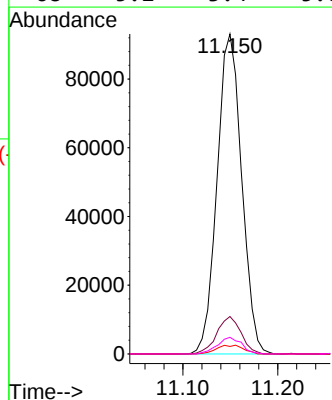
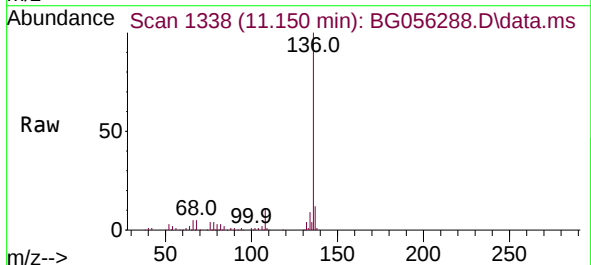
Instrument :
BNA_G
ClientSampleId :
MH-4

Tgt Ion: 99 Resp: 440464
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.4 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056288.D
Acq: 13 Jan 2023 22:03

Tgt Ion:136 Resp: 167519
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.3 2.2 3.2
68 5.2 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 86.483 ng

RT: 9.493 min Scan# 1056

Delta R.T. 0.001 min

Lab File: BG056288.D

Acq: 13 Jan 2023 22:03

Instrument :

BNA_G

ClientSampleId :

MH-4

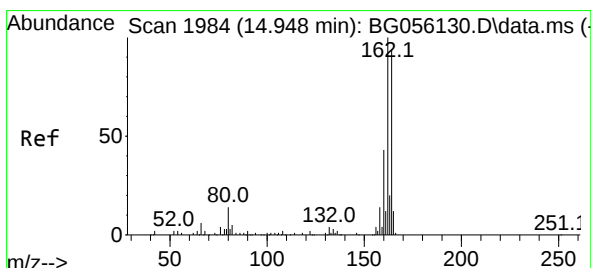
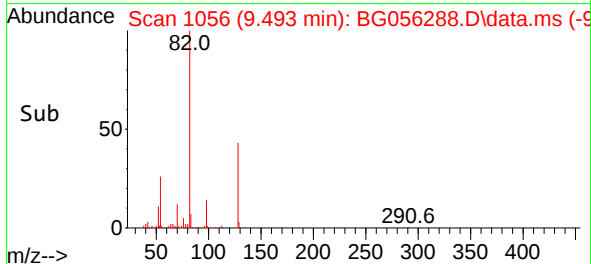
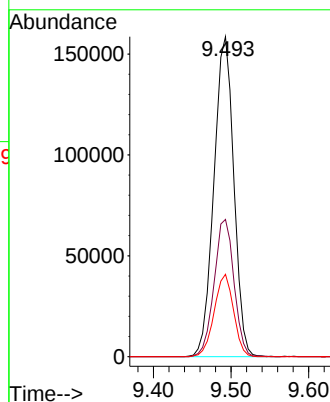
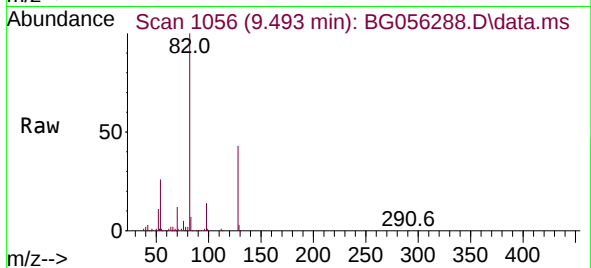
Tgt Ion: 82 Resp: 283229

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.2

54 25.7 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: BG056288.D

Acq: 13 Jan 2023 22:03

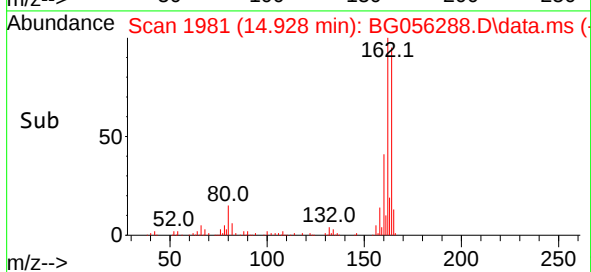
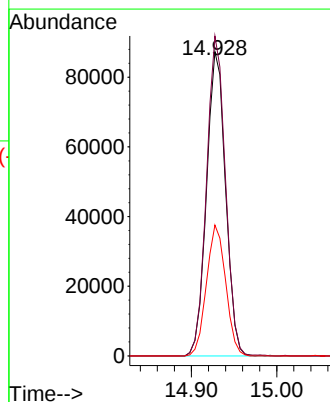
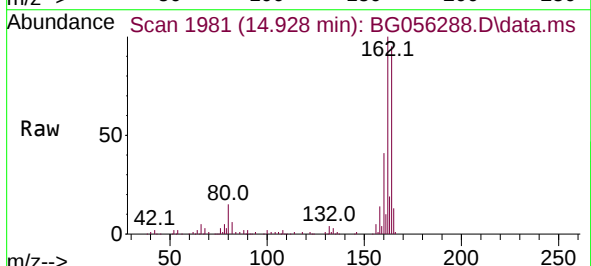
Tgt Ion:164 Resp: 135276

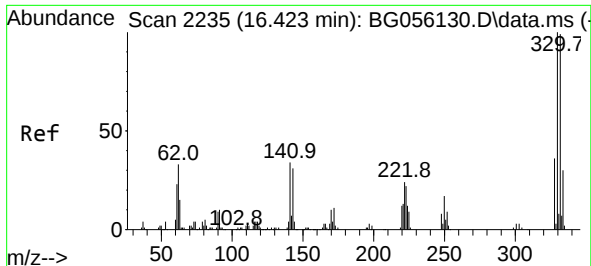
Ion Ratio Lower Upper

164 100

162 105.2 84.7 127.1

160 43.0 36.3 54.5

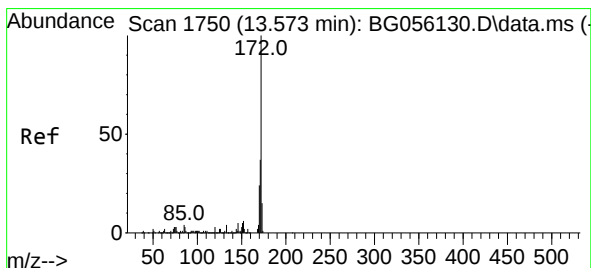
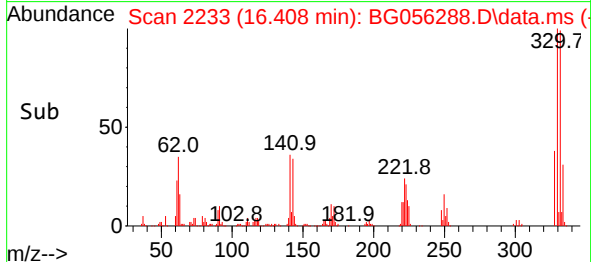
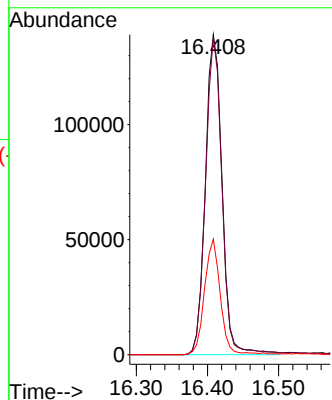
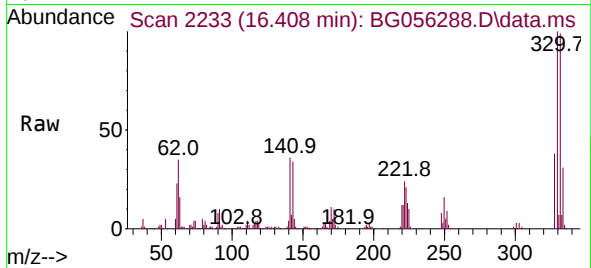




#42
 2,4,6-Tribromophenol
 Concen: 132.358 ng
 RT: 16.408 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056288.D
 Acq: 13 Jan 2023 22:03

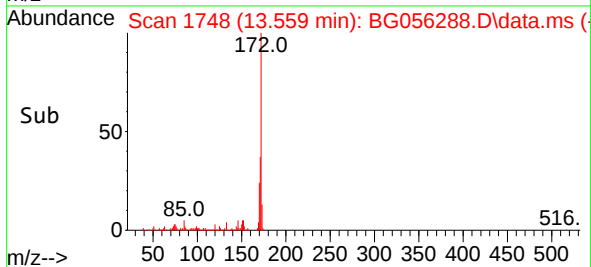
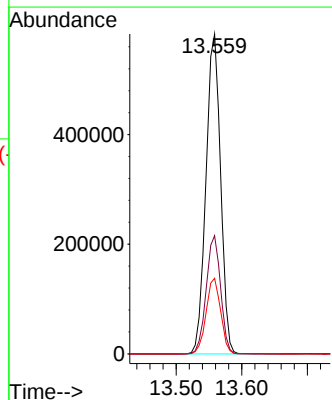
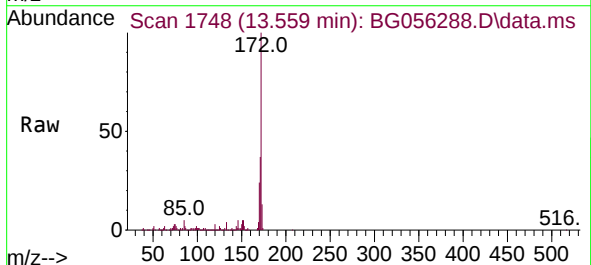
Instrument :
 BNA_G
 ClientSampleId :
 MH-4

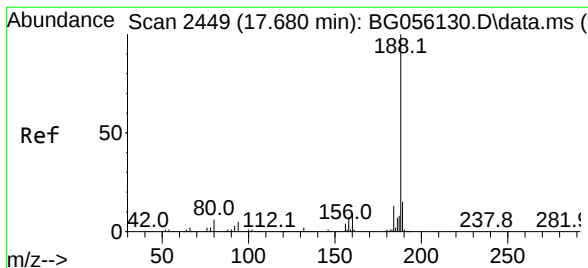
Tgt Ion:330 Resp: 226763
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 34.2 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 91.793 ng
 RT: 13.559 min Scan# 1748
 Delta R.T. 0.001 min
 Lab File: BG056288.D
 Acq: 13 Jan 2023 22:03

Tgt Ion:172 Resp: 899222
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 23.6 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.001 min

Lab File: BG056288.D

Acq: 13 Jan 2023 22:03

Instrument :

BNA_G

ClientSampleId :

MH-4

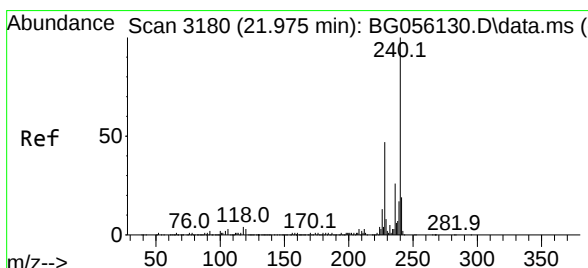
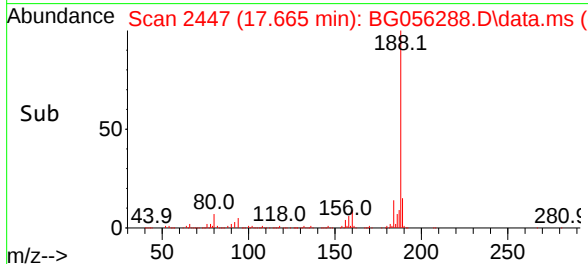
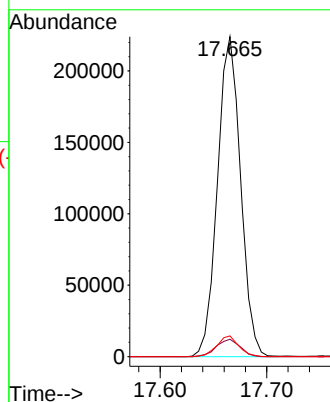
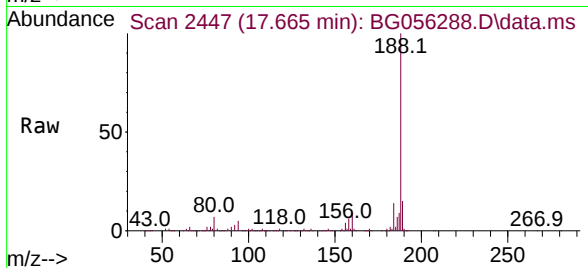
Tgt Ion:188 Resp: 338050

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

80 6.5 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.960 min Scan# 3178

Delta R.T. 0.001 min

Lab File: BG056288.D

Acq: 13 Jan 2023 22:03

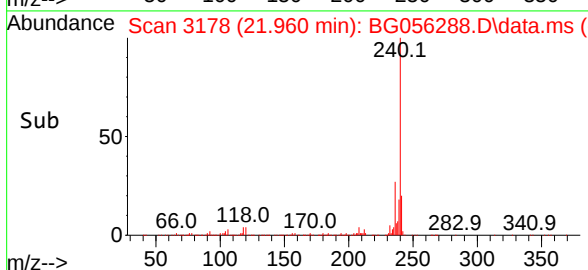
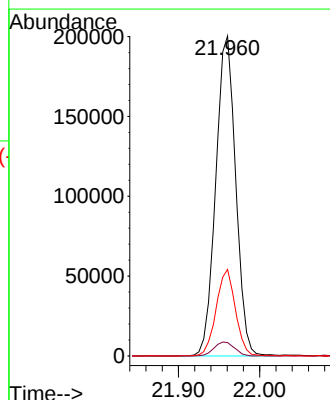
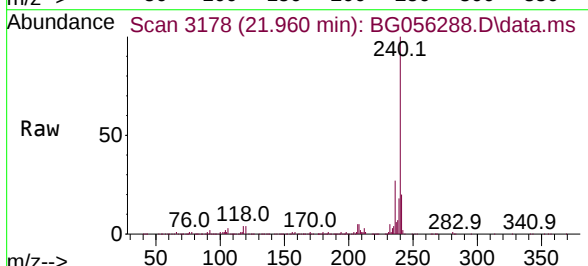
Tgt Ion:240 Resp: 341501

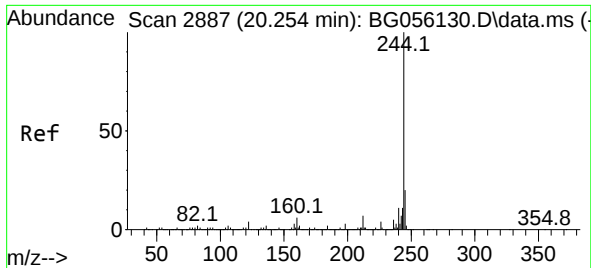
Ion Ratio Lower Upper

240 100

120 4.2 2.6 4.0#

236 27.0 20.8 31.2

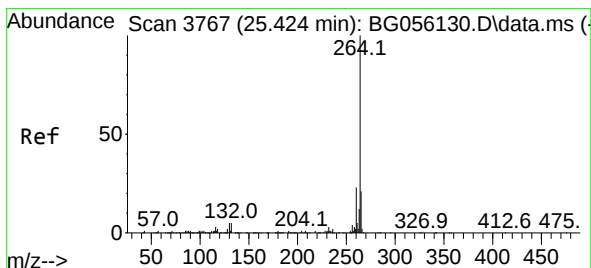
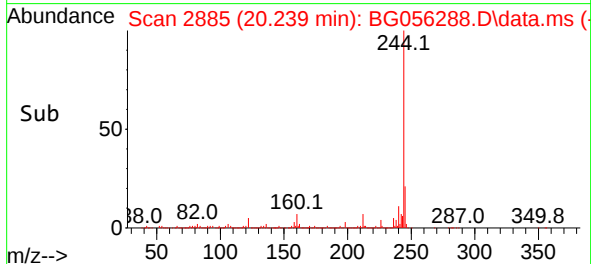
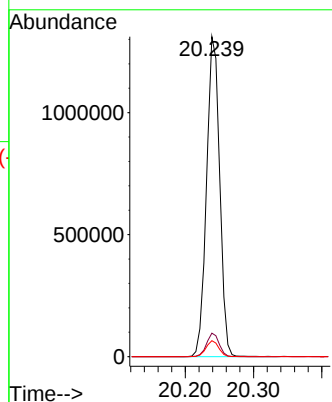
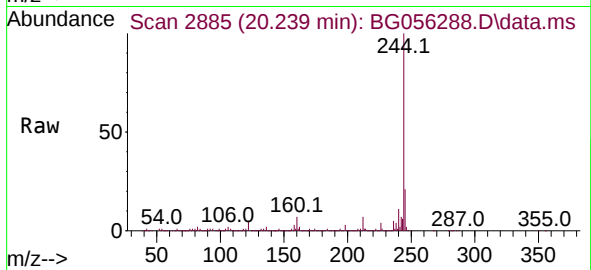




#79
 Terphenyl-d14
 Concen: 91.951 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056288.D
 Acq: 13 Jan 2023 22:03

Instrument :
 BNA_G
 ClientSampleId :
 MH-4

Tgt Ion:244 Resp: 1753230
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.0 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.409 min Scan# 3765
 Delta R.T. 0.007 min
 Lab File: BG056288.D
 Acq: 13 Jan 2023 22:03

Tgt Ion:264 Resp: 368579
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.7 16.7 25.1

