

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056278.D
 Acq On : 13 Jan 2023 15:11
 Operator : CG/JU
 Sample : 01129-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Quant Time: Jan 16 00:22:02 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	42854	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	158858	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	128618	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	314367	20.000	ng	0.00
76) Chrysene-d12	21.961	240	322163	20.000	ng	0.00
86) Perylene-d12	25.410	264	365589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	302306	125.955	ng	0.01
7) Phenol-d6	7.454	99	428496	116.253	ng	0.00
23) Nitrobenzene-d5	9.493	82	231329	74.487	ng	0.00
42) 2,4,6-Tribromophenol	16.409	330	180289	110.680	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	724037	77.736	ng	0.00
79) Terphenyl-d14	20.239	244	1416682	78.760	ng	0.00

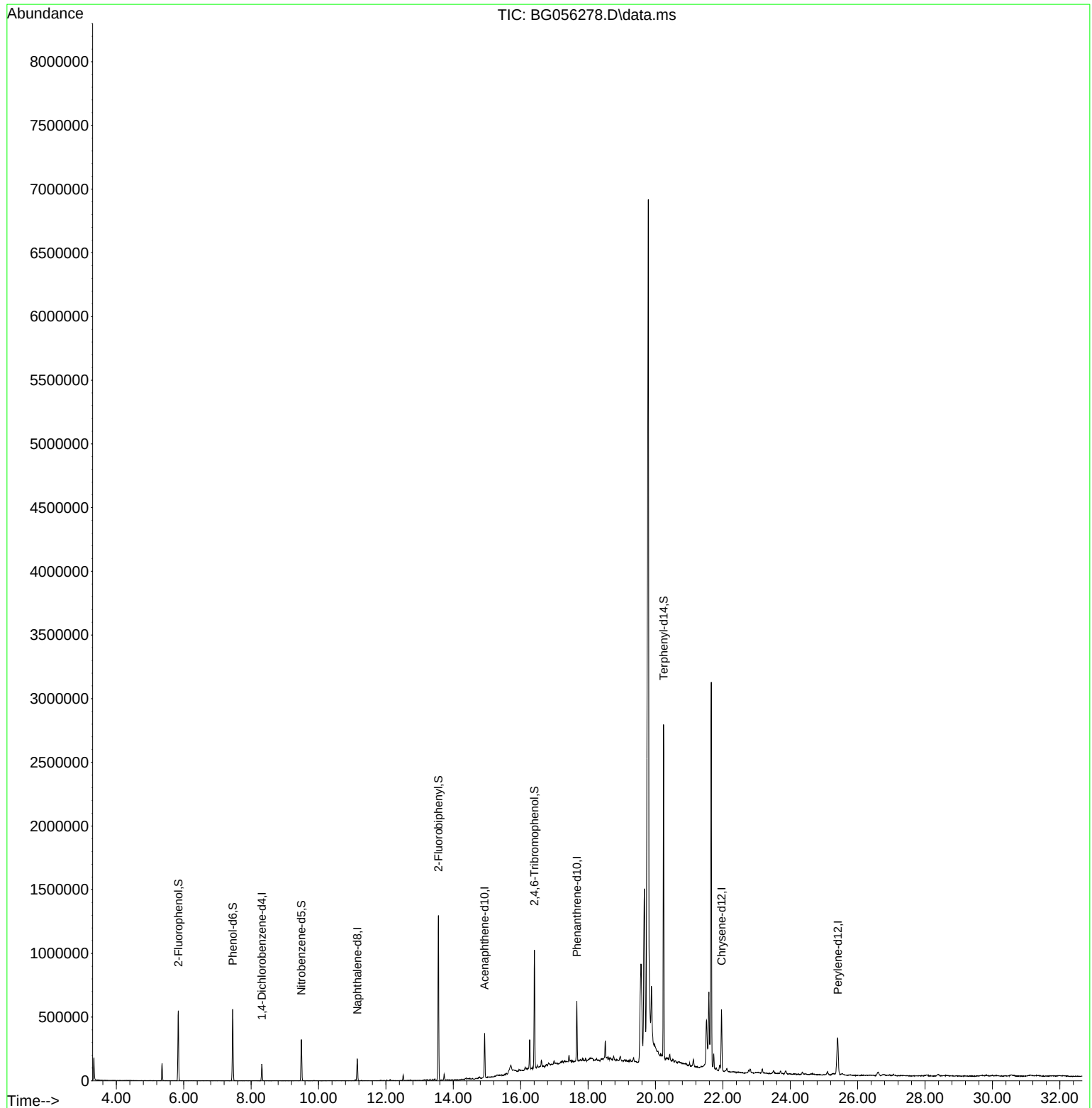
Target Compounds Qvalue

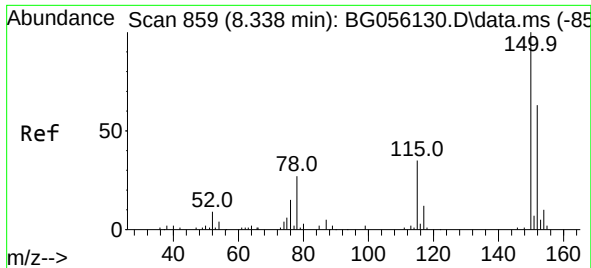
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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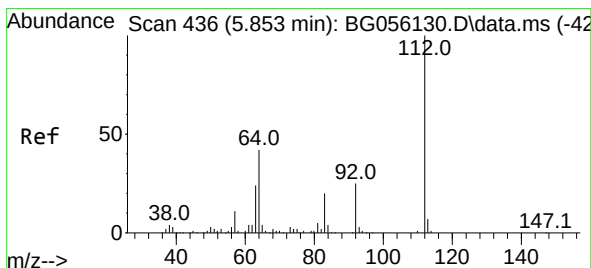
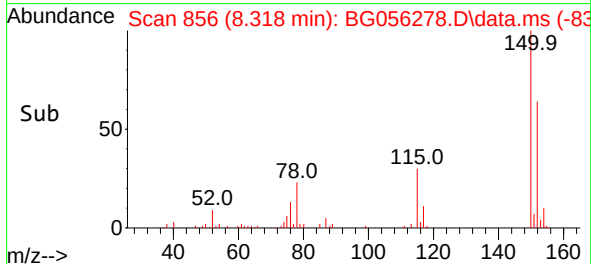
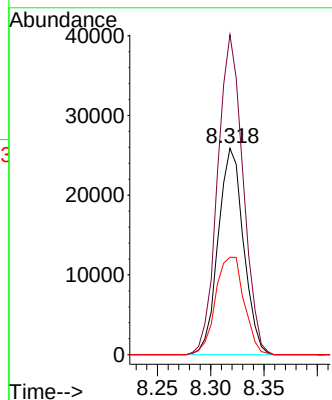
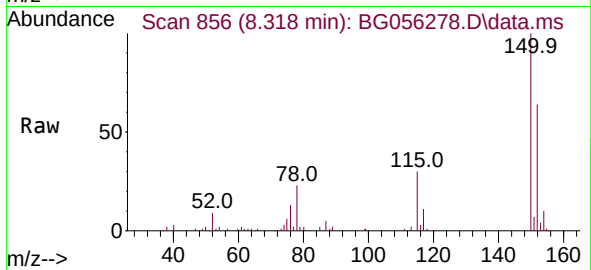




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

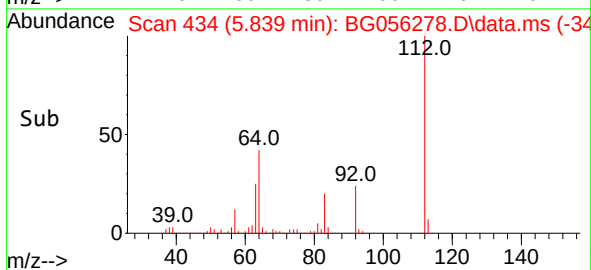
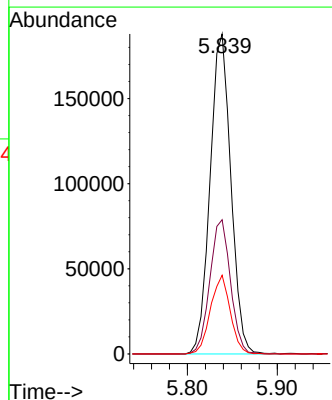
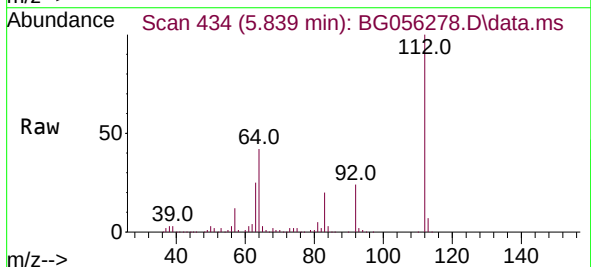
Instrument :
BNA_G
ClientSampleId :
VNJ-207

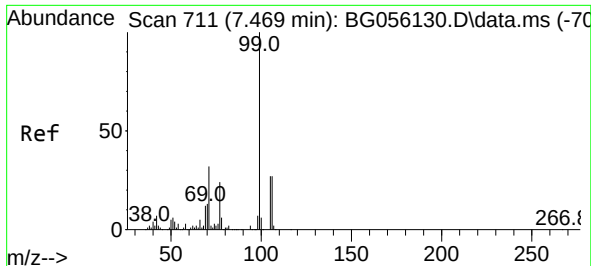
Tgt Ion:152 Resp: 42854
Ion Ratio Lower Upper
152 100
150 155.1 127.9 191.9
115 47.2 44.2 66.2



#5
2-Fluorophenol
Concen: 125.955 ng
RT: 5.839 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion:112 Resp: 302306
Ion Ratio Lower Upper
112 100
64 41.9 33.3 49.9
63 24.6 19.0 28.4

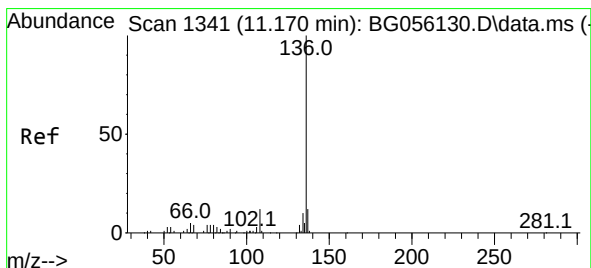
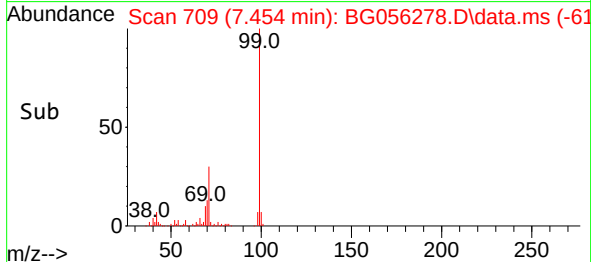
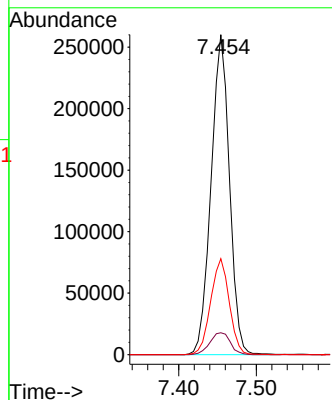
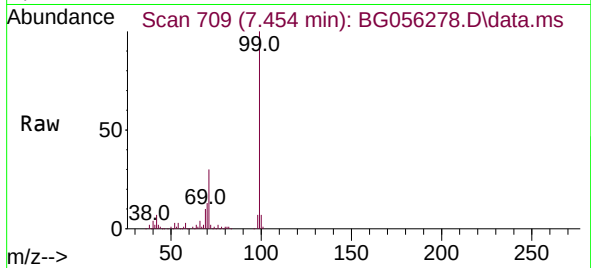




#7
Phenol-d6
Concen: 116.253 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

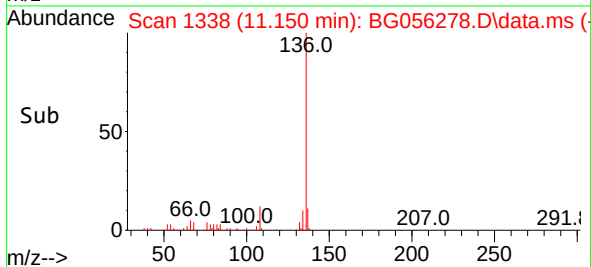
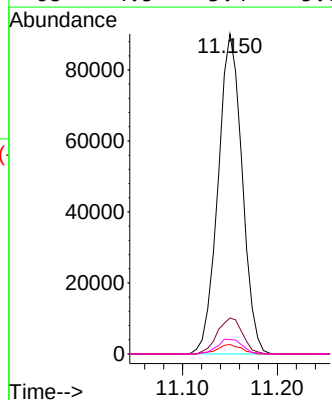
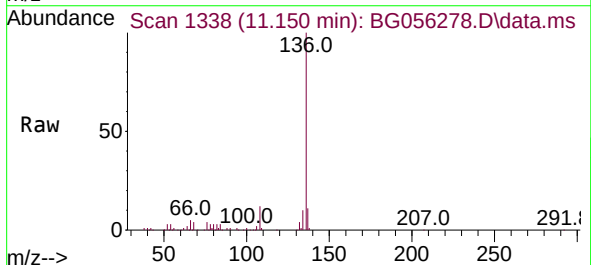
Instrument :
BNA_G
ClientSampleId :
VNJ-207

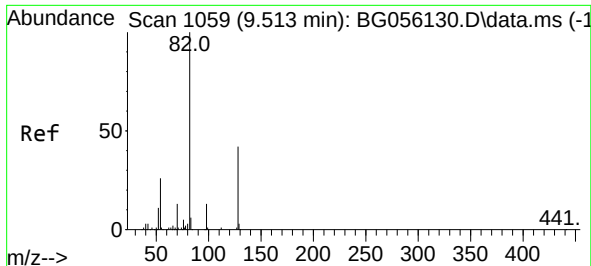
Tgt Ion: 99 Resp: 428496
Ion Ratio Lower Upper
99 100
42 6.8 5.9 8.9
71 30.0 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion: 136 Resp: 158858
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.9 2.2 3.2
68 4.5 3.4 5.0





#23

Nitrobenzene-d5

Concen: 74.487 ng

RT: 9.493 min Scan# 1056

Delta R.T. 0.001 min

Lab File: BG056278.D

Acq: 13 Jan 2023 15:11

Instrument :

BNA_G

ClientSampleId :

VNJ-207

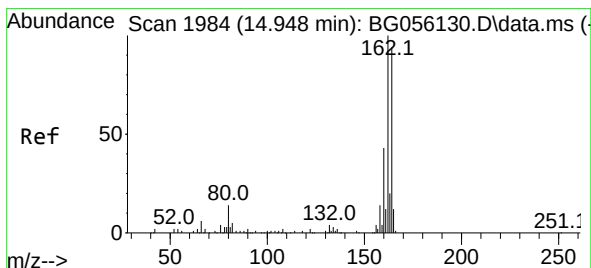
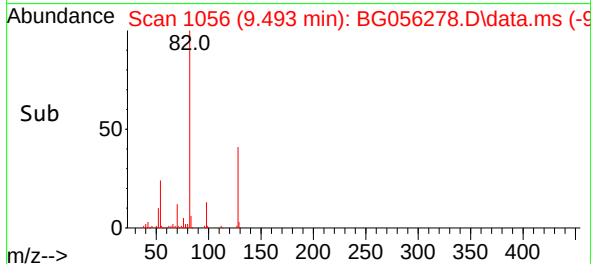
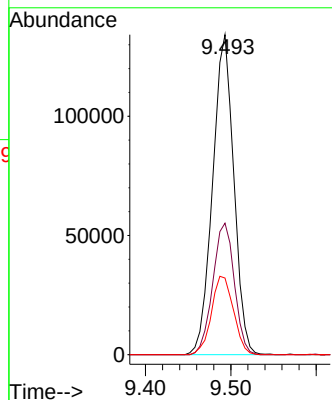
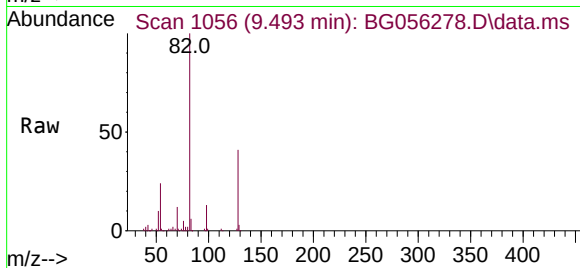
Tgt Ion: 82 Resp: 231329

Ion Ratio Lower Upper

82 100

128 41.1 33.4 50.2

54 23.9 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: BG056278.D

Acq: 13 Jan 2023 15:11

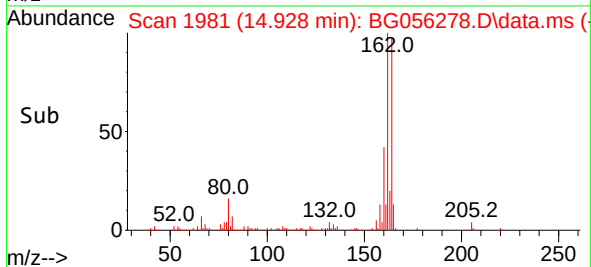
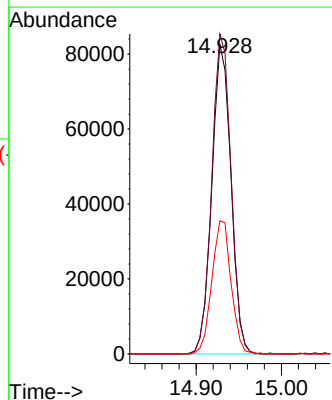
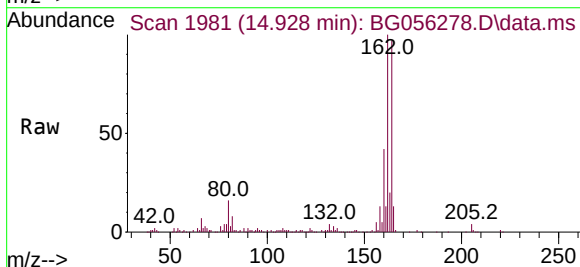
Tgt Ion: 164 Resp: 128618

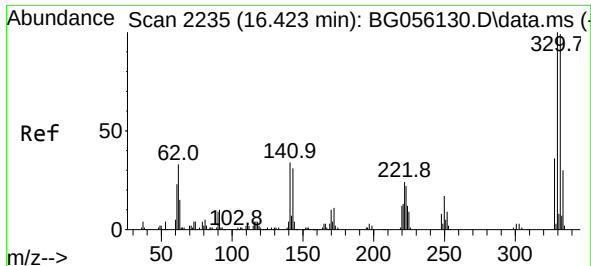
Ion Ratio Lower Upper

164 100

162 103.4 84.7 127.1

160 43.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 110.680 ng

RT: 16.409 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056278.D

Acq: 13 Jan 2023 15:11

Instrument :

BNA_G

ClientSampleId :

VNJ-207

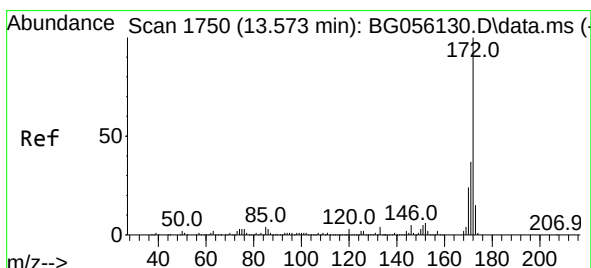
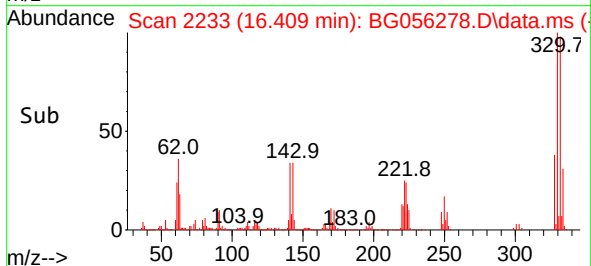
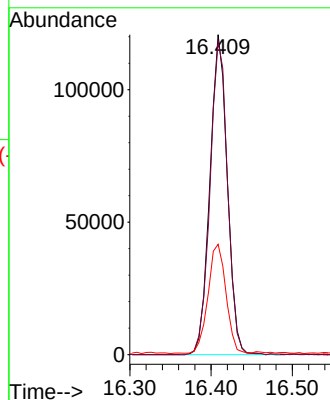
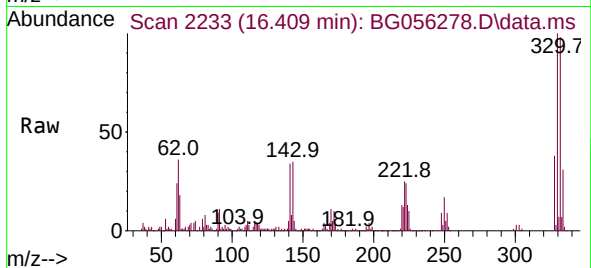
Tgt Ion:330 Resp: 180289

Ion Ratio Lower Upper

330 100

332 98.6 77.3 115.9

141 35.0 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 77.736 ng

RT: 13.559 min Scan# 1748

Delta R.T. 0.001 min

Lab File: BG056278.D

Acq: 13 Jan 2023 15:11

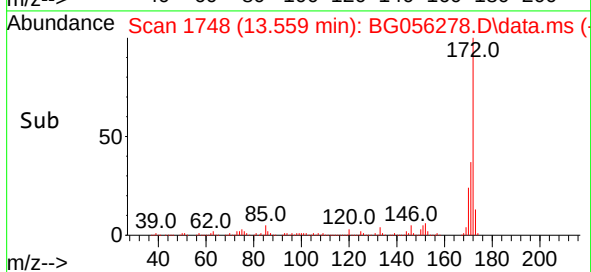
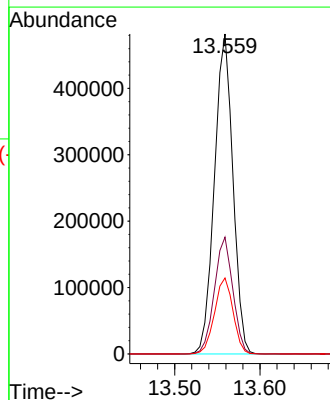
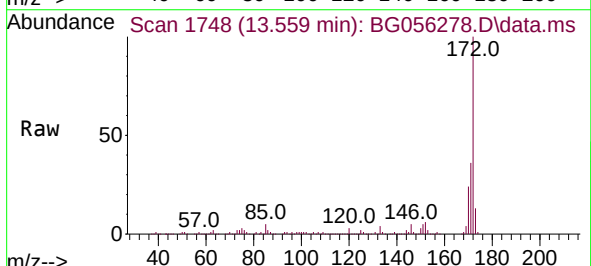
Tgt Ion:172 Resp: 724037

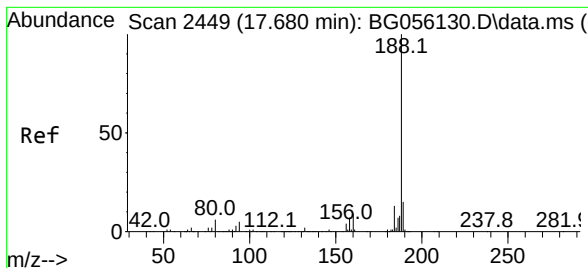
Ion Ratio Lower Upper

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: BG056278.D

Acq: 13 Jan 2023 15:11

Instrument :

BNA_G

ClientSampleId :

VNJ-207

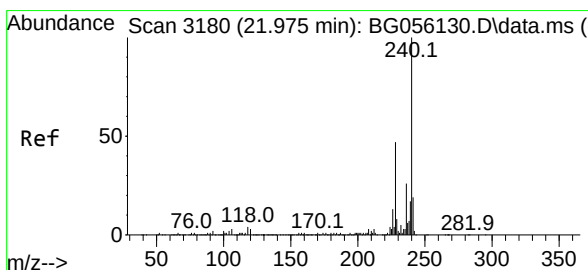
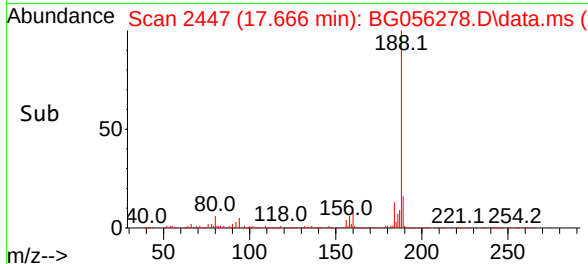
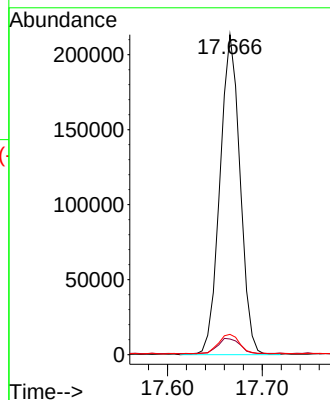
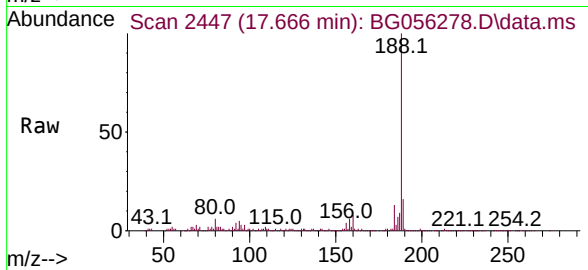
Tgt Ion:188 Resp: 314367

Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.2

80 6.3 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.961 min Scan# 3178

Delta R.T. 0.001 min

Lab File: BG056278.D

Acq: 13 Jan 2023 15:11

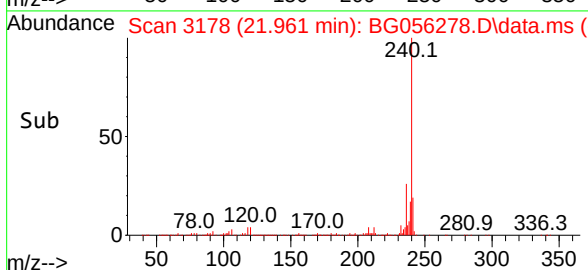
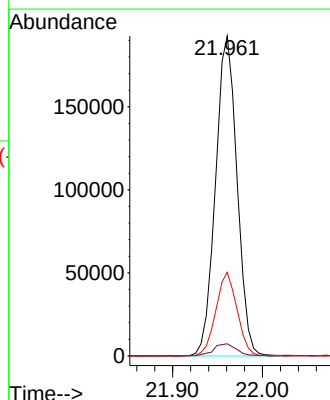
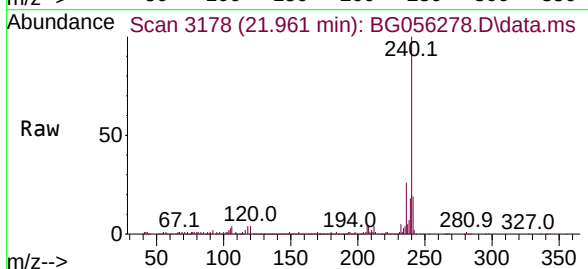
Tgt Ion:240 Resp: 322163

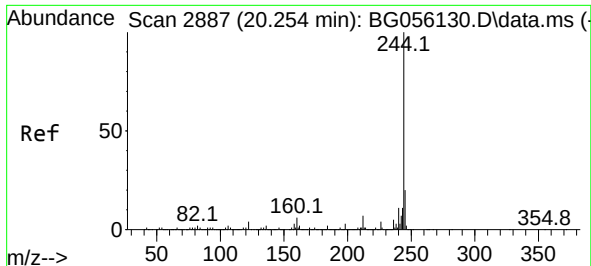
Ion Ratio Lower Upper

240 100

120 3.8 2.6 4.0

236 26.1 20.8 31.2

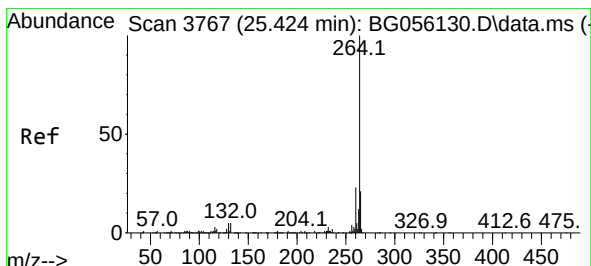
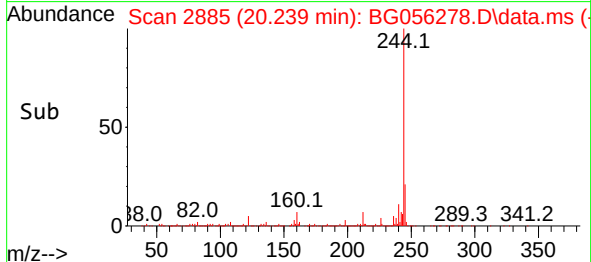
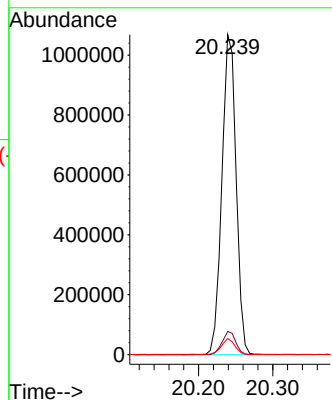
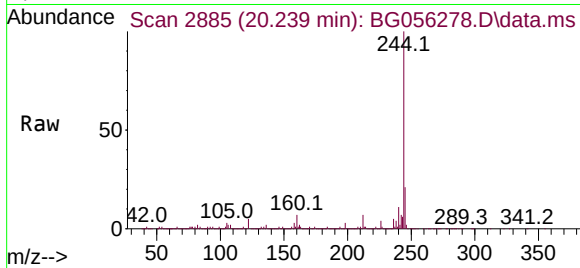




#79
 Terphenyl-d14
 Concen: 78.760 ng
 RT: 20.239 min Scan# 2885
 Delta R.T. 0.001 min
 Lab File: BG056278.D
 Acq: 13 Jan 2023 15:11

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Tgt Ion:244 Resp: 1416682
 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: 25.410 min Scan# 3765
 Delta R.T. 0.007 min
 Lab File: BG056278.D
 Acq: 13 Jan 2023 15:11

Tgt Ion:264 Resp: 365589
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 21.8 16.7 25.1

