

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056388.D
 Acq On : 23 Jan 2023 17:47
 Operator : CG/JU
 Sample : 01251-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Jan 24 01:23:04 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	8.296	152	33323	20.000	ng	-0.01
21) Naphthalene-d8	11.128	136	124407	20.000	ng	#-0.01
39) Acenaphthene-d10	14.911	164	102127	20.000	ng	-0.01
64) Phenanthrene-d10	17.649	188	299128	20.000	ng	-0.01
76) Chrysene-d12	21.939	240	287168	20.000	ng	#-0.02
86) Perylene-d12	25.370	264	306141	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	185634	99.466	ng	-0.01
7) Phenol-d6	7.438	99	262969	91.751	ng	-0.01
23) Nitrobenzene-d5	9.471	82	131364	54.012	ng	-0.02
42) 2,4,6-Tribromophenol	16.392	330	91156	70.477	ng	-0.01
45) 2-Fluorobiphenyl	13.537	172	403754	54.593	ng	-0.01
79) Terphenyl-d14	20.223	244	929781	57.990	ng	-0.01

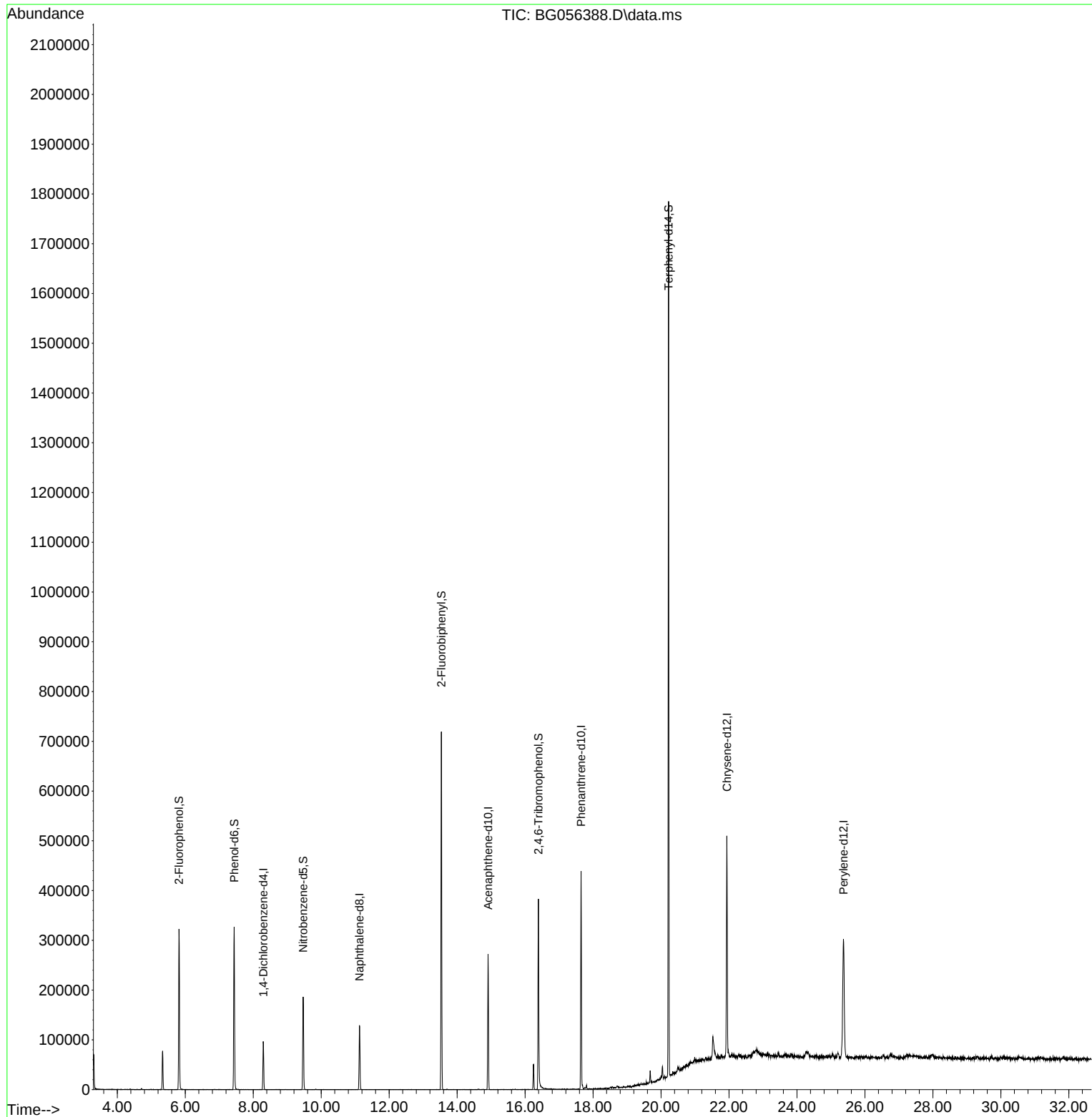
Target Compounds	Qvalue

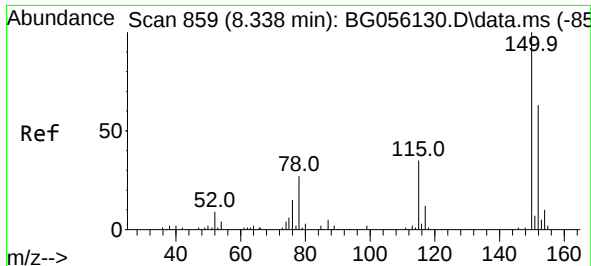
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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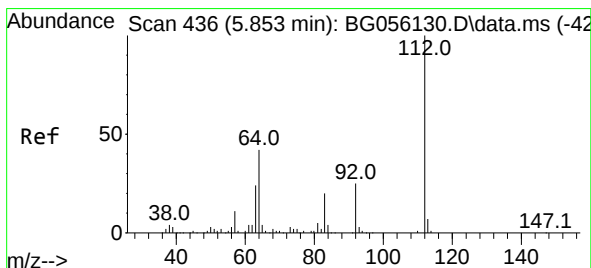
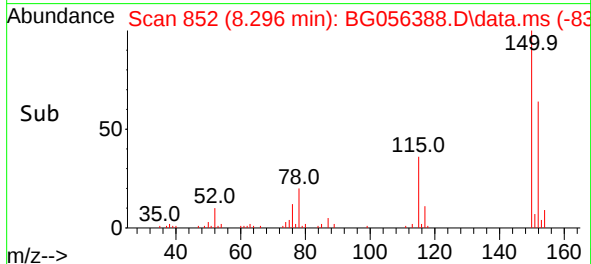
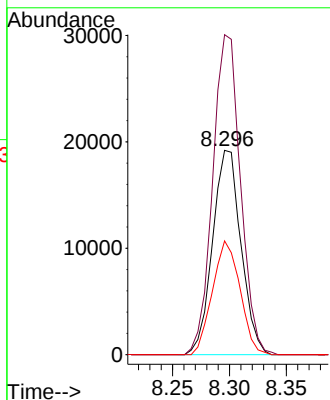
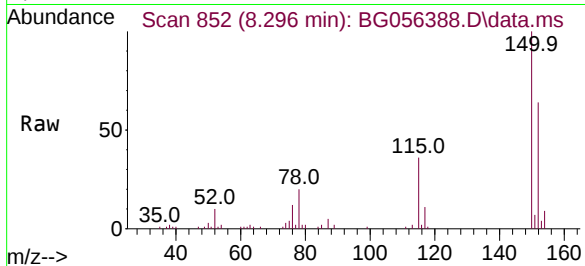




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

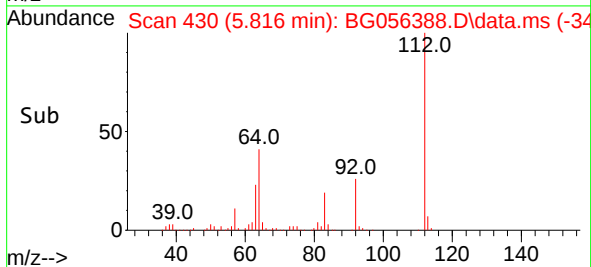
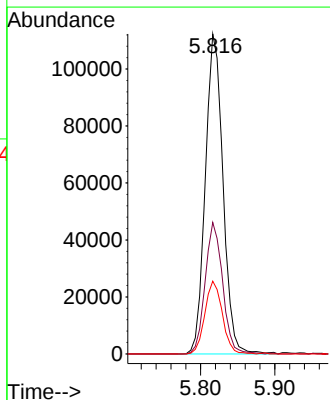
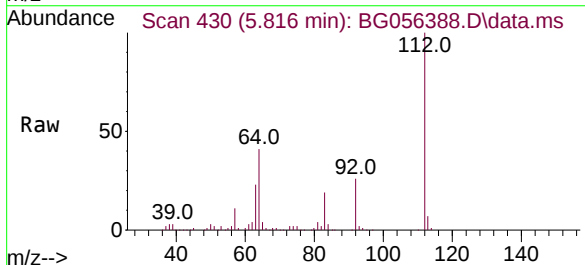
Instrument :
BNA_G
ClientSampleId :
COMP-1

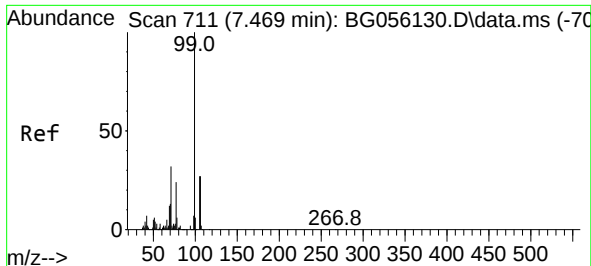
Tgt Ion:152 Resp: 33323
Ion Ratio Lower Upper
152 100
150 156.7 127.9 191.9
115 55.6 44.2 66.2



#5
2-Fluorophenol
Concen: 99.466 ng
RT: 5.816 min Scan# 430
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion:112 Resp: 185634
Ion Ratio Lower Upper
112 100
64 41.1 33.3 49.9
63 22.7 19.0 28.4

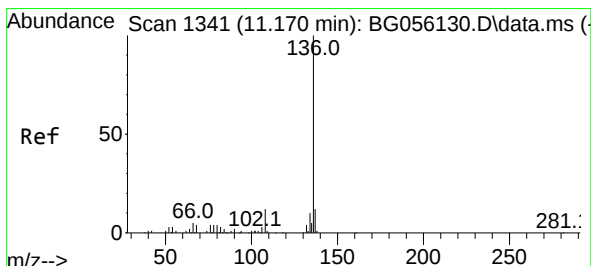
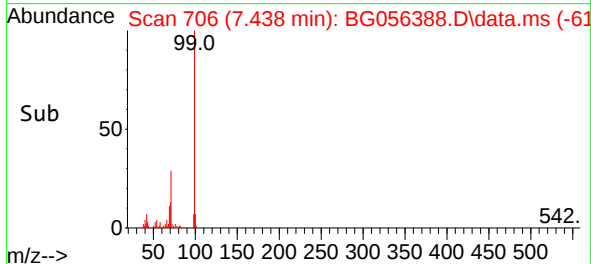
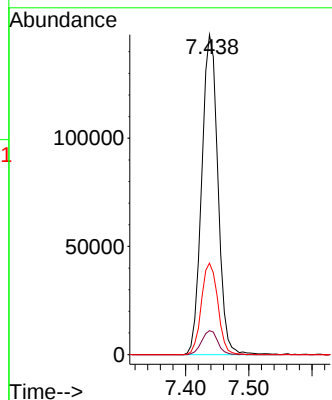
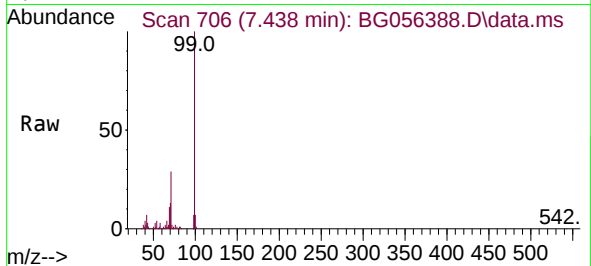




#7
Phenol-d6
Concen: 91.751 ng
RT: 7.438 min Scan# 70
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

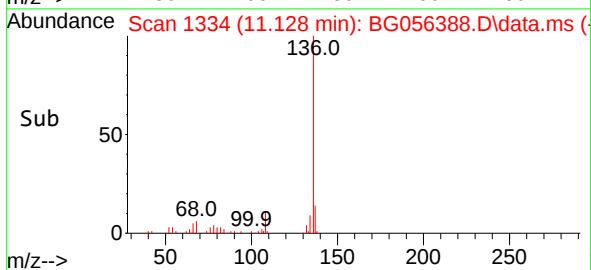
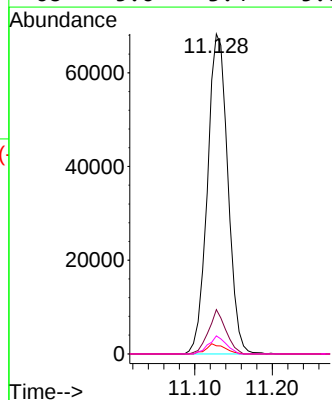
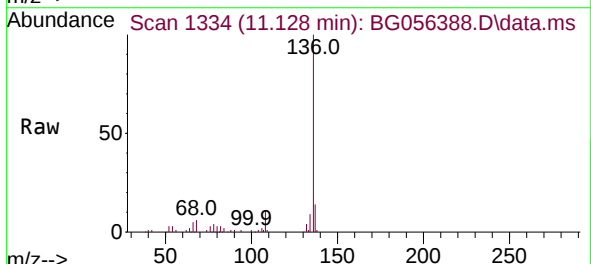
Instrument :
BNA_G
ClientSampleId :
COMP-1

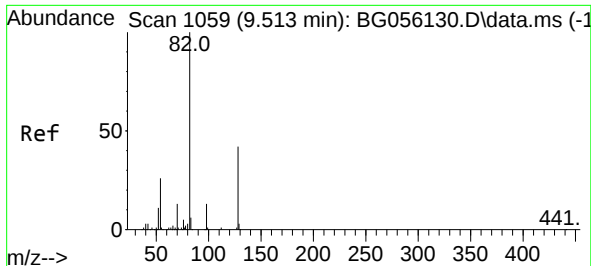
Tgt Ion: 99 Resp: 262969
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 28.6 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 1334
Delta R.T. -0.010 min
Lab File: BG056388.D
Acq: 23 Jan 2023 17:47

Tgt Ion: 136 Resp: 124407
Ion Ratio Lower Upper
136 100
137 13.8 9.4 14.0
54 2.5 2.2 3.2
68 5.6 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 54.012 ng

RT: 9.471 min Scan# 1059

Delta R.T. -0.016 min

Lab File: BG056388.D

Acq: 23 Jan 2023 17:47

Instrument :

BNA_G

ClientSampleId :

COMP-1

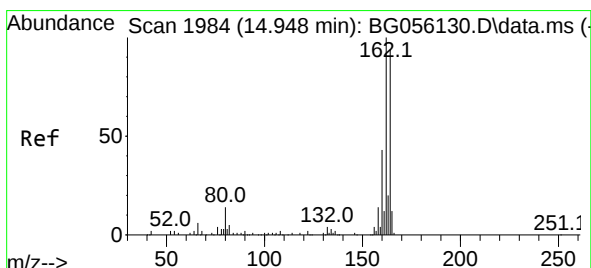
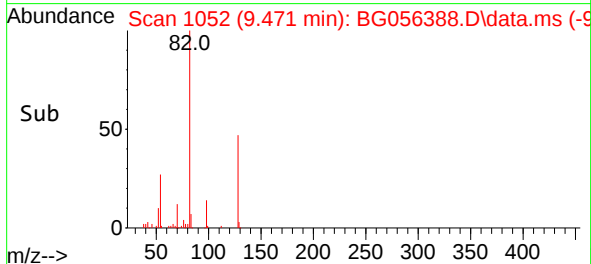
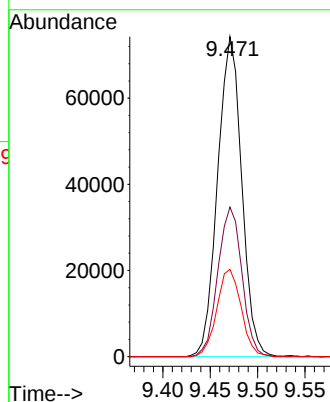
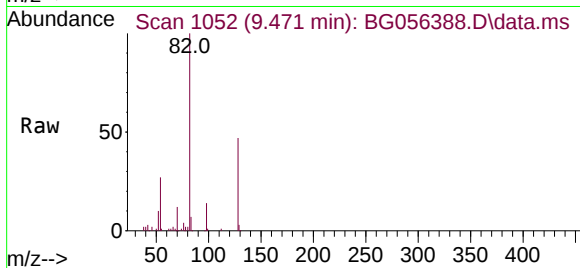
Tgt Ion: 82 Resp: 131364

Ion Ratio Lower Upper

82 100

128 46.7 33.4 50.2

54 27.3 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.911 min Scan# 1978

Delta R.T. -0.010 min

Lab File: BG056388.D

Acq: 23 Jan 2023 17:47

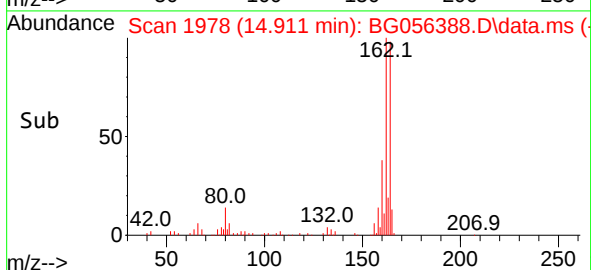
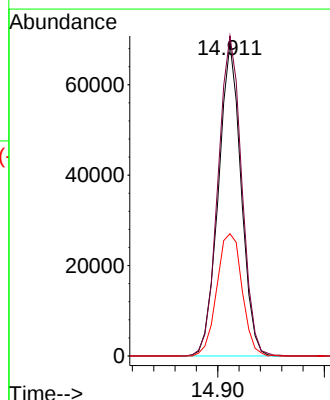
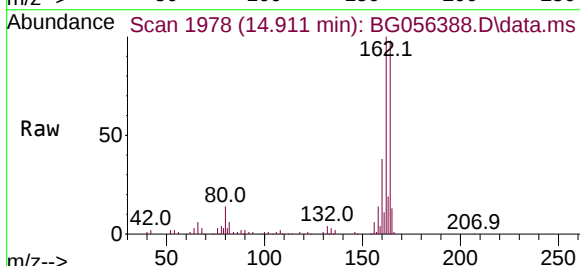
Tgt Ion:164 Resp: 102127

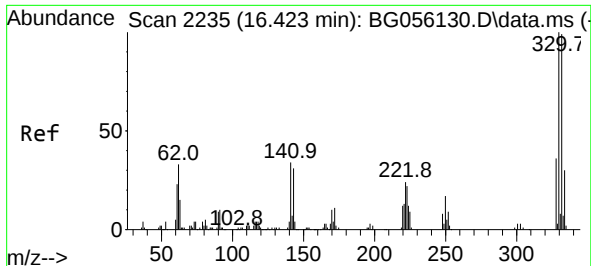
Ion Ratio Lower Upper

164 100

162 102.1 84.7 127.1

160 39.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 70.477 ng

RT: 16.392 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG056388.D

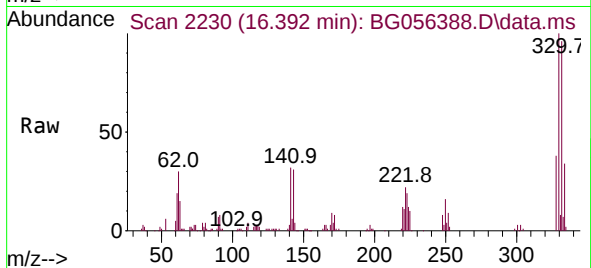
Acq: 23 Jan 2023 17:47

Instrument :

BNA_G

ClientSampleId :

COMP-1



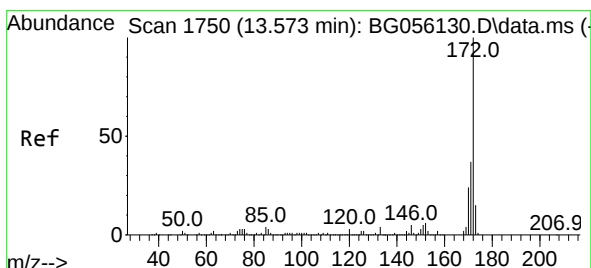
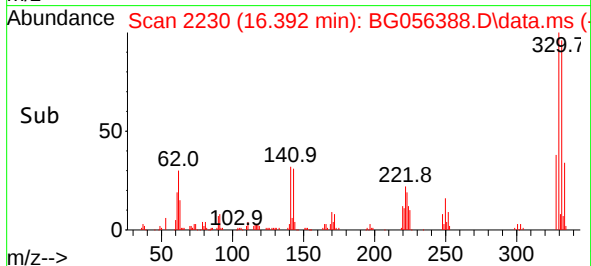
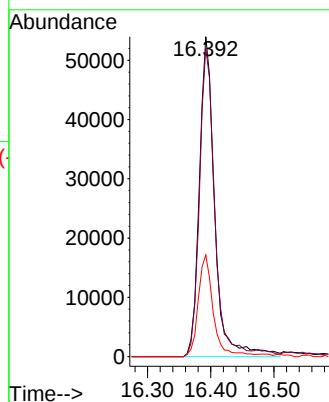
Tgt Ion:330 Resp: 91156

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 31.0 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 54.593 ng

RT: 13.537 min Scan# 1744

Delta R.T. -0.010 min

Lab File: BG056388.D

Acq: 23 Jan 2023 17:47

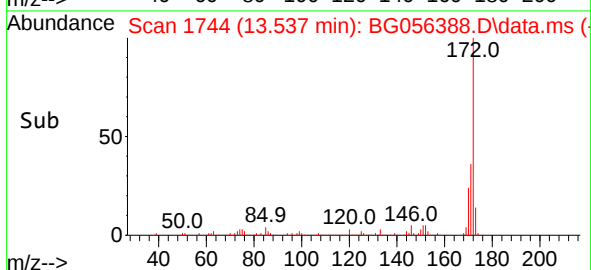
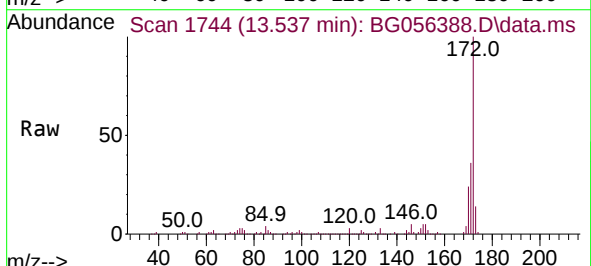
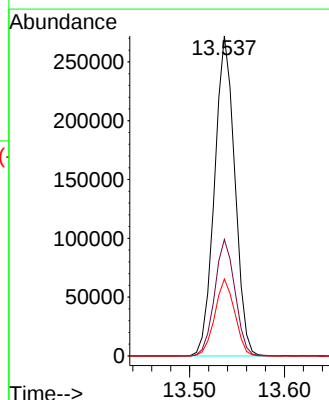
Tgt Ion:172 Resp: 403754

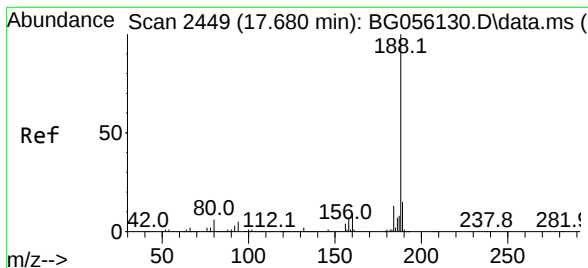
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 24.0 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.649 min Scan# 2444

Delta R.T. -0.010 min

Lab File: BG056388.D

Acq: 23 Jan 2023 17:47

Instrument :

BNA_G

ClientSampleId :

COMP-1

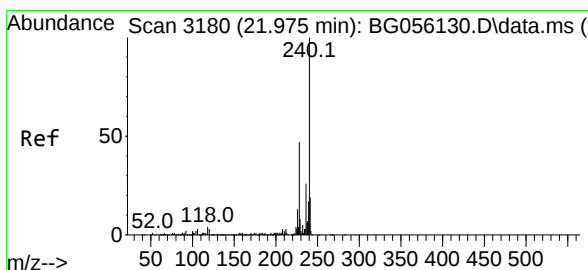
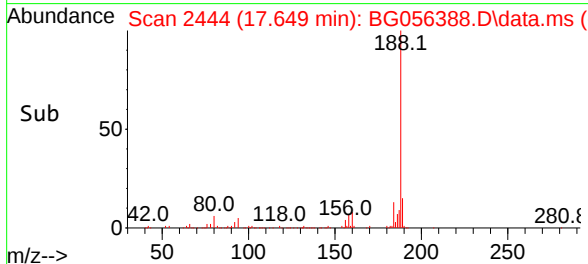
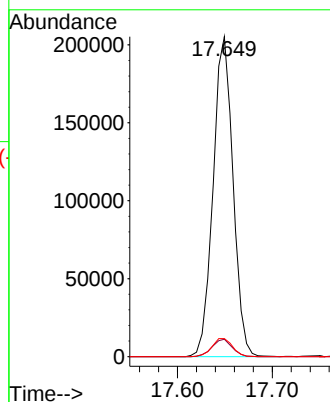
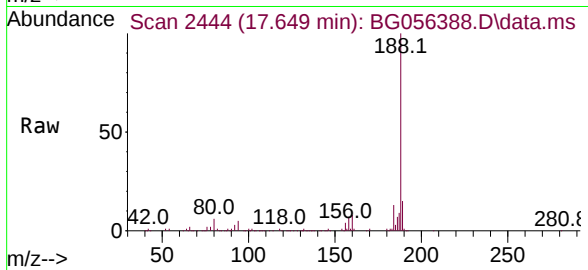
Tgt Ion:188 Resp: 299128

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

80 5.6 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.939 min Scan# 3174

Delta R.T. -0.016 min

Lab File: BG056388.D

Acq: 23 Jan 2023 17:47

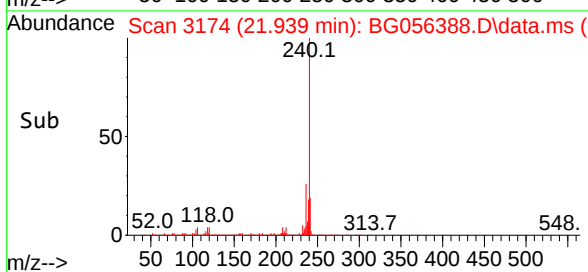
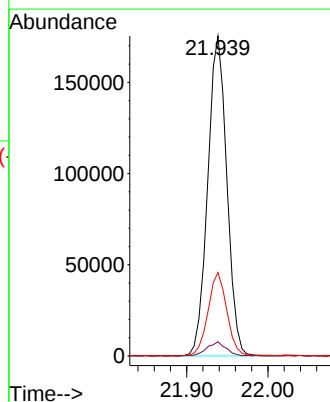
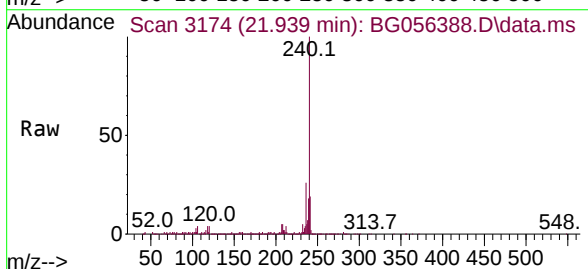
Tgt Ion:240 Resp: 287168

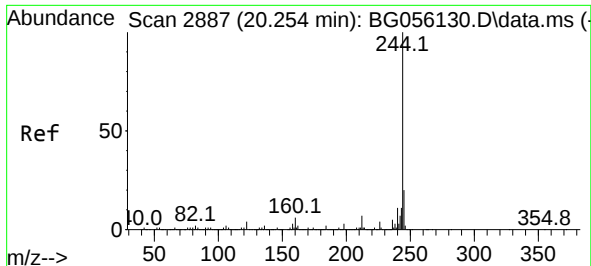
Ion Ratio Lower Upper

240 100

120 4.4 2.6 4.0#

236 26.0 20.8 31.2

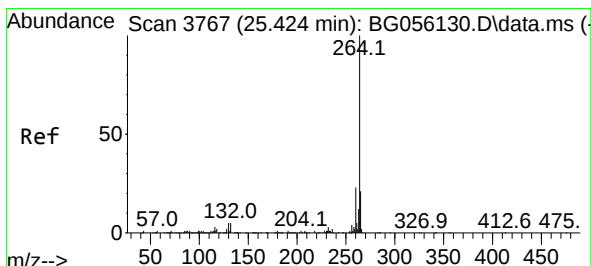
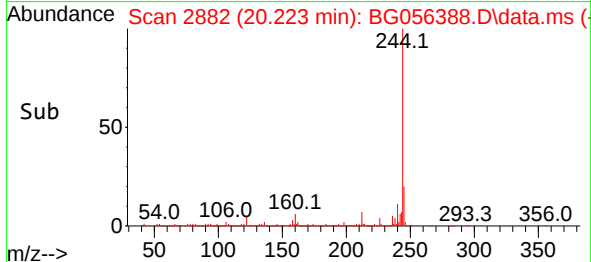
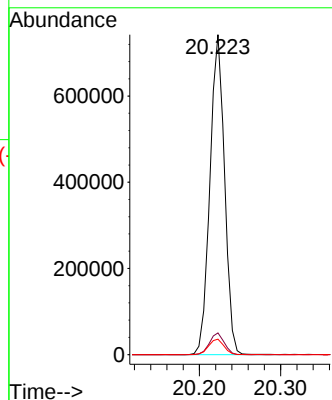
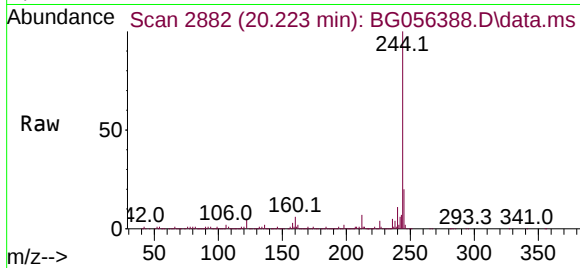




#79
 Terphenyl-d14
 Concen: 57.990 ng
 RT: 20.223 min Scan# 2887
 Delta R.T. -0.010 min
 Lab File: BG056388.D
 Acq: 23 Jan 2023 17:47

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 929781
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.370 min Scan# 3758
 Delta R.T. -0.022 min
 Lab File: BG056388.D
 Acq: 23 Jan 2023 17:47

Tgt Ion:264 Resp: 306141
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 28.0
 265 21.7 16.7 25.1

