

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056391.D
 Acq On : 23 Jan 2023 19:50
 Operator : CG/JU
 Sample : 01251-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-2

Quant Time: Jan 24 01:24:08 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	8.299	152	35826	20.000	ng	0.00
21) Naphthalene-d8	11.131	136	151677	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	127440	20.000	ng	-0.01
64) Phenanthrene-d10	17.647	188	322184	20.000	ng	-0.01
76) Chrysene-d12	21.936	240	286173	20.000	ng	#-0.02
86) Perylene-d12	25.374	264	308311	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	213574	106.441	ng	0.00
7) Phenol-d6	7.436	99	295245	95.815	ng	-0.01
23) Nitrobenzene-d5	9.469	82	149143	50.297	ng	-0.02
42) 2,4,6-Tribromophenol	16.390	330	110726	68.603	ng	-0.01
45) 2-Fluorobiphenyl	13.535	172	500120	54.191	ng	-0.01
79) Terphenyl-d14	20.221	244	948990	59.394	ng	-0.01

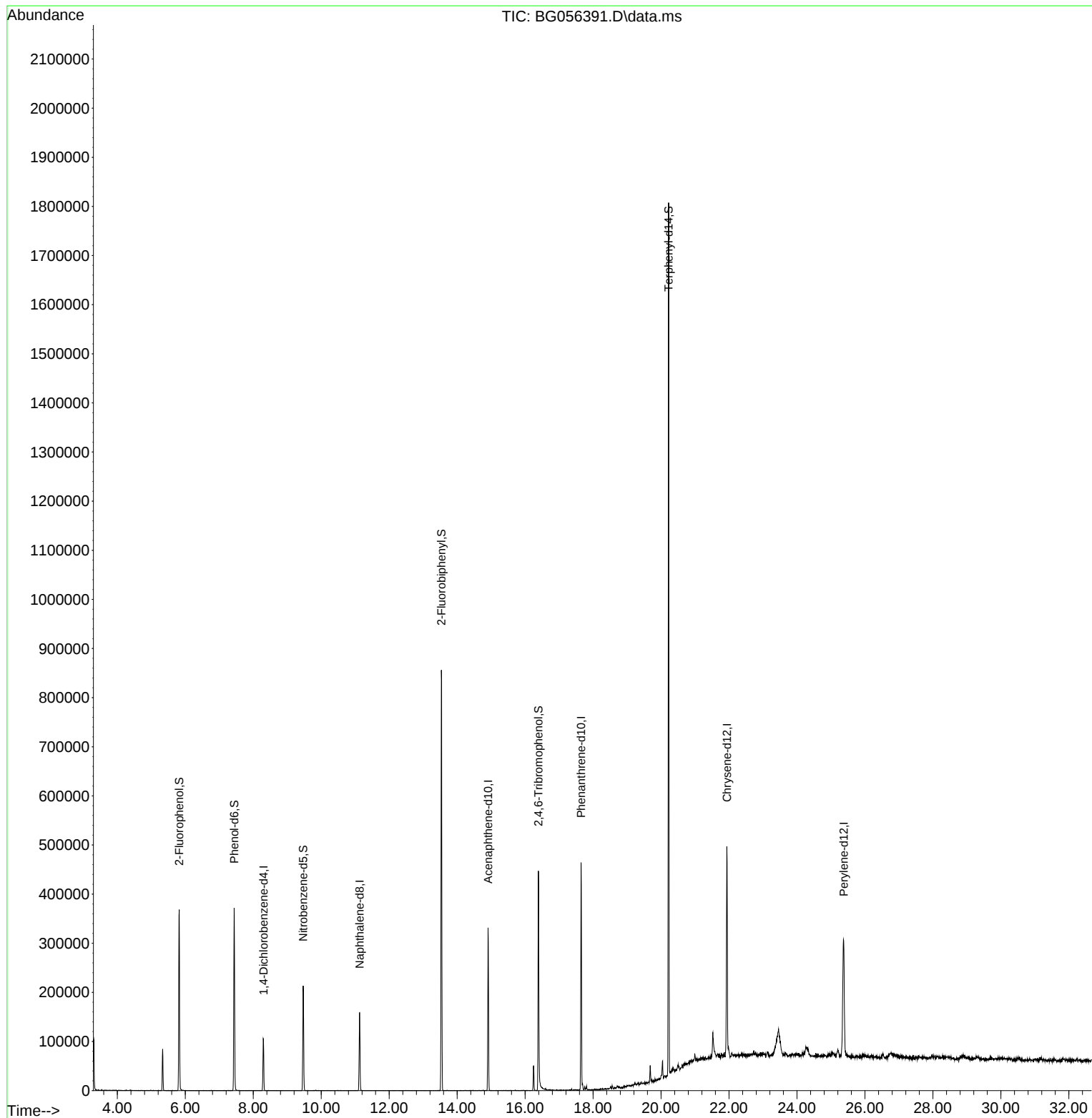
Target Compounds	Qvalue

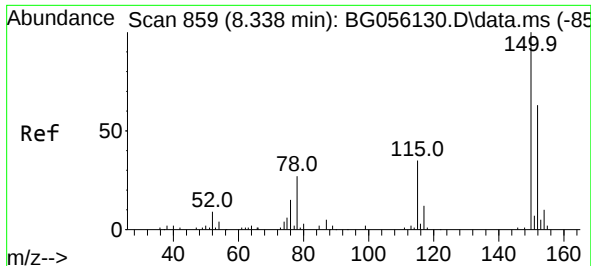
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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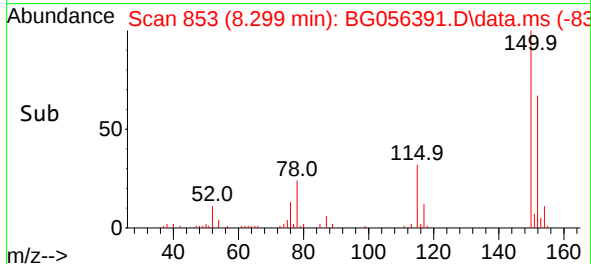
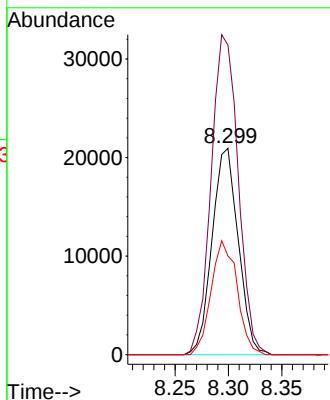
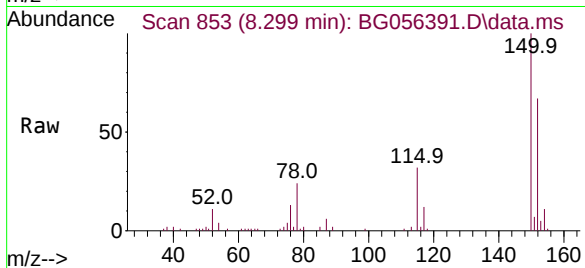




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.299 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG056391.D
Acq: 23 Jan 2023 19:50

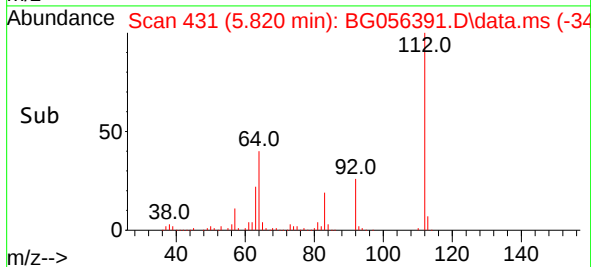
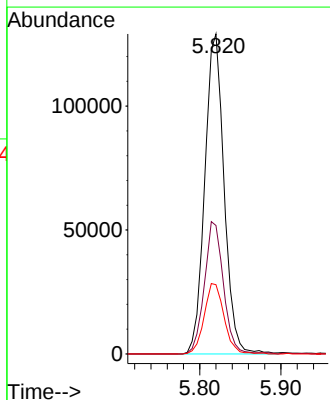
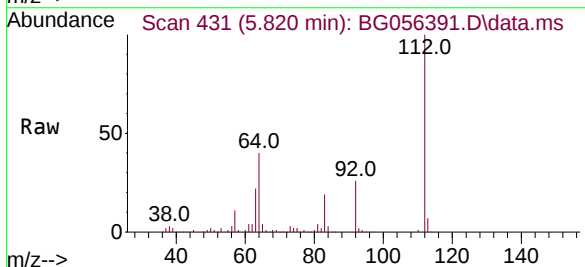
Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 35826
Ion Ratio Lower Upper
152 100
150 150.0 127.9 191.9
115 47.8 44.2 66.2



#5
2-Fluorophenol
Concen: 106.441 ng
RT: 5.820 min Scan# 431
Delta R.T. -0.006 min
Lab File: BG056391.D
Acq: 23 Jan 2023 19:50

Tgt Ion:112 Resp: 213574
Ion Ratio Lower Upper
112 100
64 40.1 33.3 49.9
63 21.7 19.0 28.4

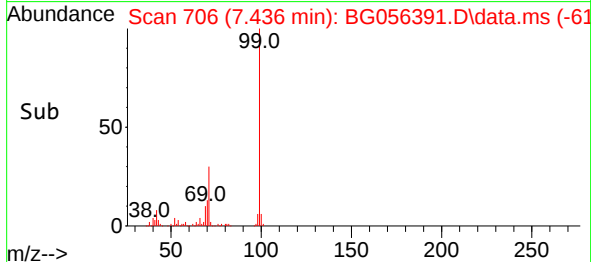
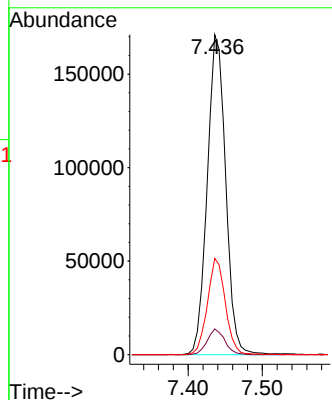
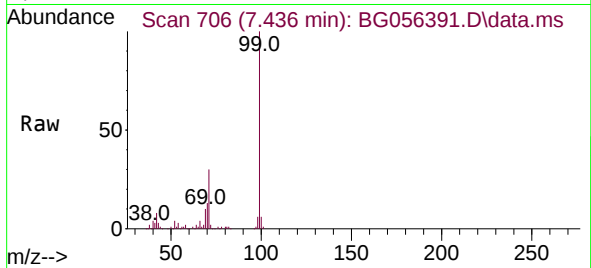




#7
Phenol-d6
Concen: 95.815 ng
RT: 7.436 min Scan# 70
Delta R.T. -0.012 min
Lab File: BG056391.D
Acq: 23 Jan 2023 19:50

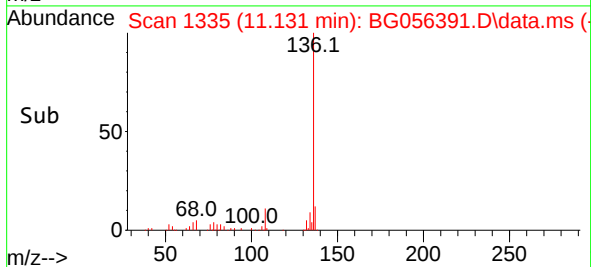
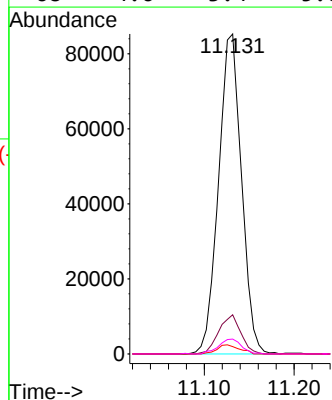
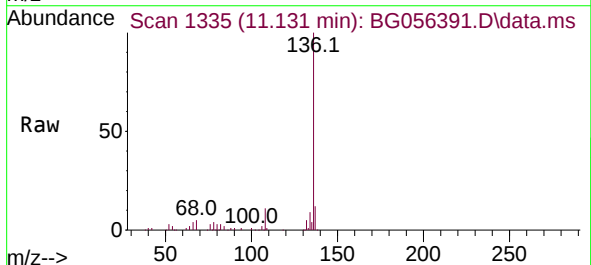
Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 295245
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 30.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.131 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG056391.D
Acq: 23 Jan 2023 19:50

Tgt Ion: 136 Resp: 151677
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.0
54 2.3 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 50.297 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.018 min

Lab File: BG056391.D

Acq: 23 Jan 2023 19:50

Instrument :

BNA_G

ClientSampleId :

COMP-2

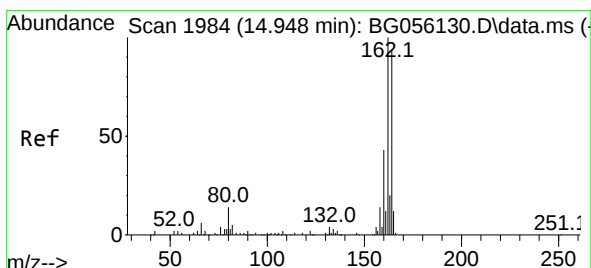
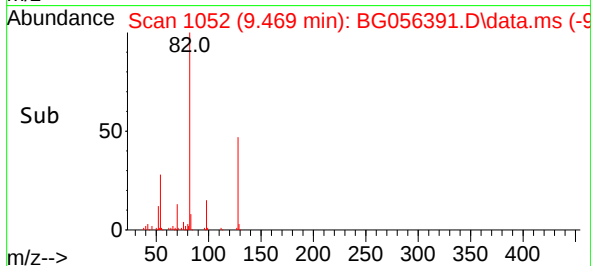
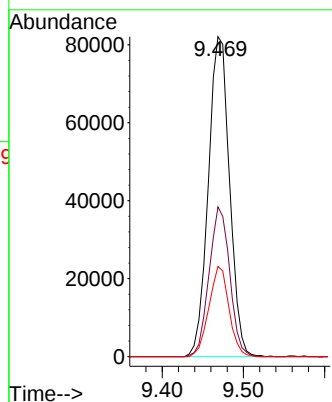
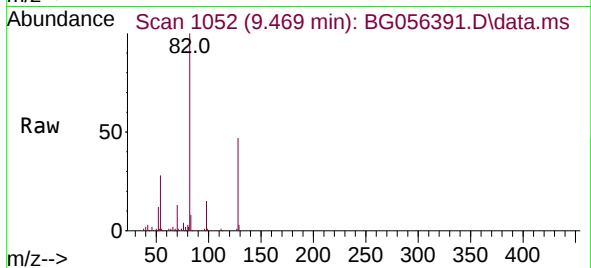
Tgt Ion: 82 Resp: 149143

Ion Ratio Lower Upper

82 100

128 46.8 33.4 50.2

54 28.2 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.909 min Scan# 1978

Delta R.T. -0.012 min

Lab File: BG056391.D

Acq: 23 Jan 2023 19:50

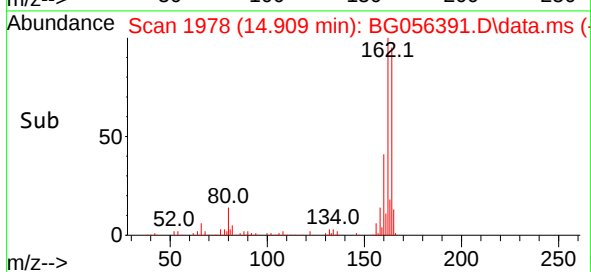
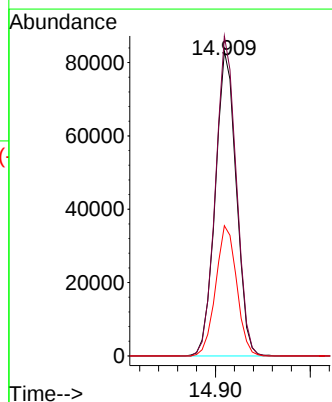
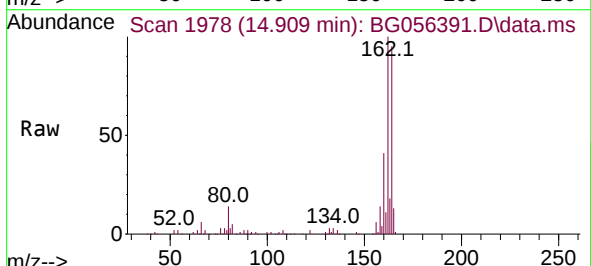
Tgt Ion:164 Resp: 127440

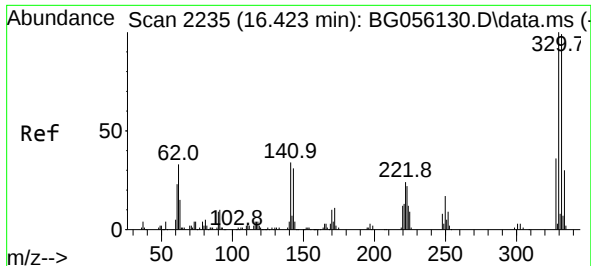
Ion Ratio Lower Upper

164 100

162 105.0 84.7 127.1

160 42.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 68.603 ng

RT: 16.390 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG056391.D

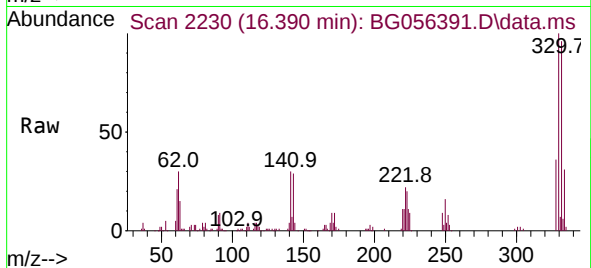
Acq: 23 Jan 2023 19:50

Instrument :

BNA_G

ClientSampleId :

COMP-2



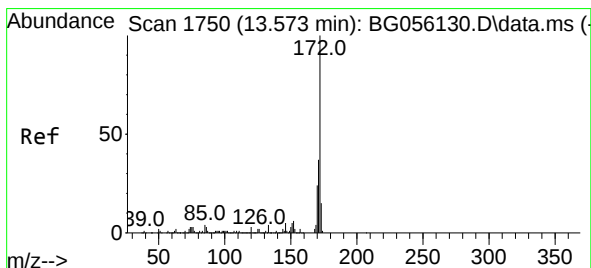
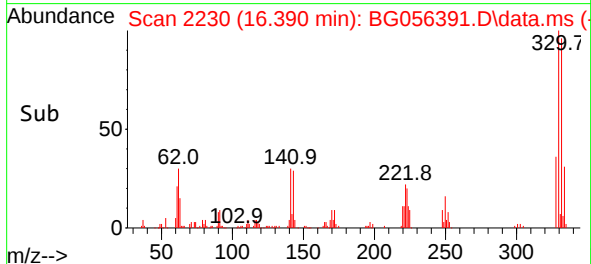
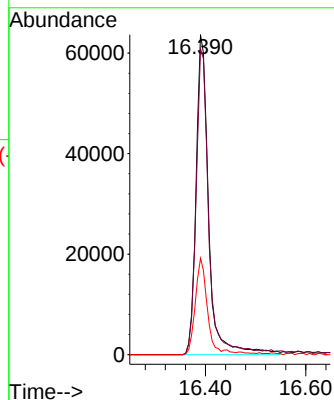
Tgt Ion:330 Resp: 110726

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

141 28.9 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 54.191 ng

RT: 13.535 min Scan# 1744

Delta R.T. -0.012 min

Lab File: BG056391.D

Acq: 23 Jan 2023 19:50

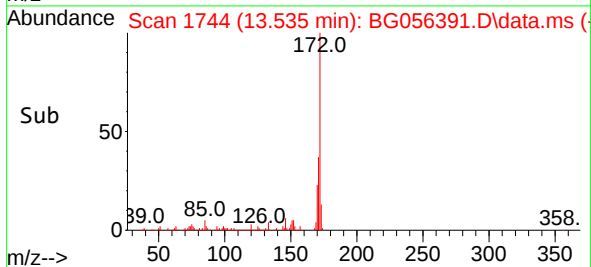
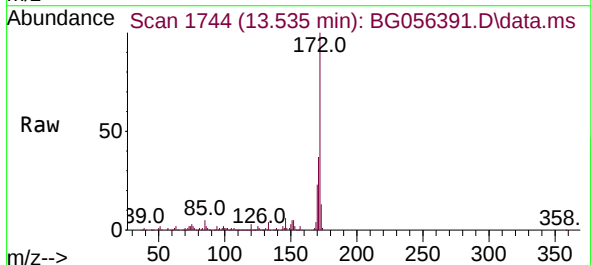
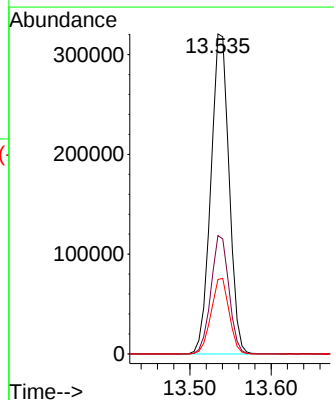
Tgt Ion:172 Resp: 500120

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

170 23.3 19.4 29.2

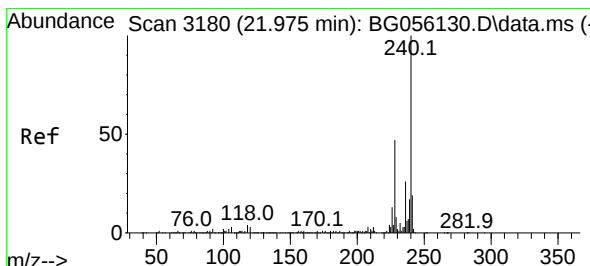
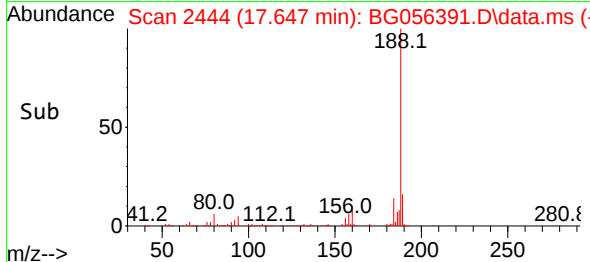
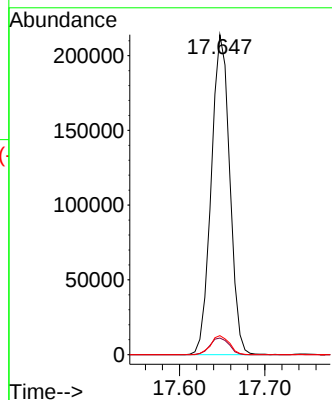
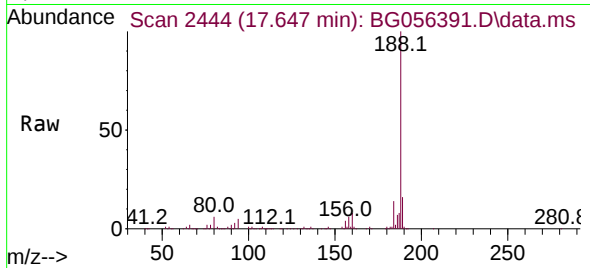




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. -0.012 min
Lab File: BG056391.D
Acq: 23 Jan 2023 19:50

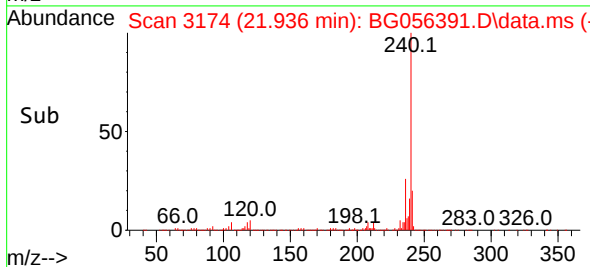
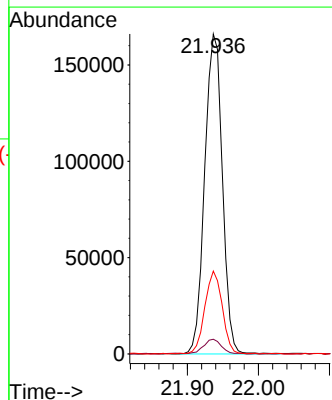
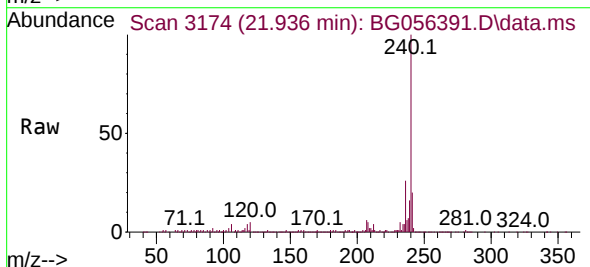
Instrument :
BNA_G
ClientSampleId :
COMP-2

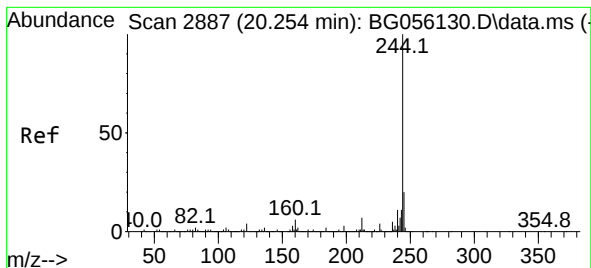
Tgt Ion:188 Resp: 322184
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.9 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.018 min
Lab File: BG056391.D
Acq: 23 Jan 2023 19:50

Tgt Ion:240 Resp: 286173
Ion Ratio Lower Upper
240 100
120 4.6 2.6 4.0#
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 59.394 ng

RT: 20.221 min Scan# 2882

Delta R.T. -0.012 min

Lab File: BG056391.D

Acq: 23 Jan 2023 19:50

Instrument :

BNA_G

ClientSampleId :

COMP-2

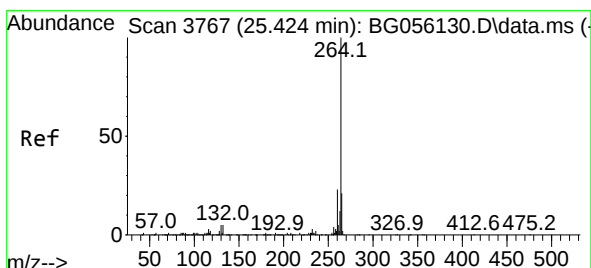
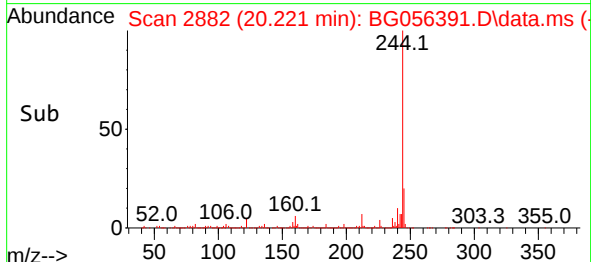
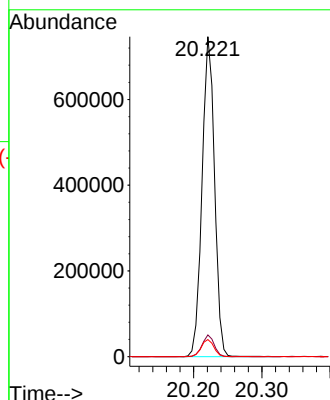
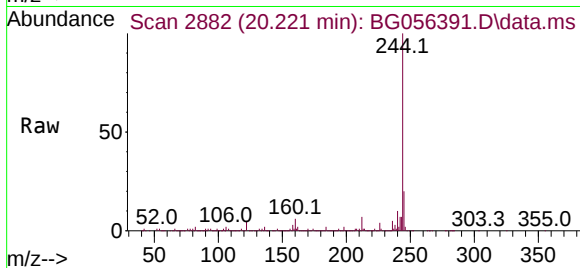
Tgt Ion:244 Resp: 948990

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 5.3 3.5 5.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.374 min Scan# 3759

Delta R.T. -0.018 min

Lab File: BG056391.D

Acq: 23 Jan 2023 19:50

Tgt Ion:264 Resp: 308311

Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 22.4 16.7 25.1

