

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056660.D
 Acq On : 17 Feb 2023 17:46
 Operator : CG/JU
 Sample : 01581-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-C

Quant Time: Feb 18 00:06:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

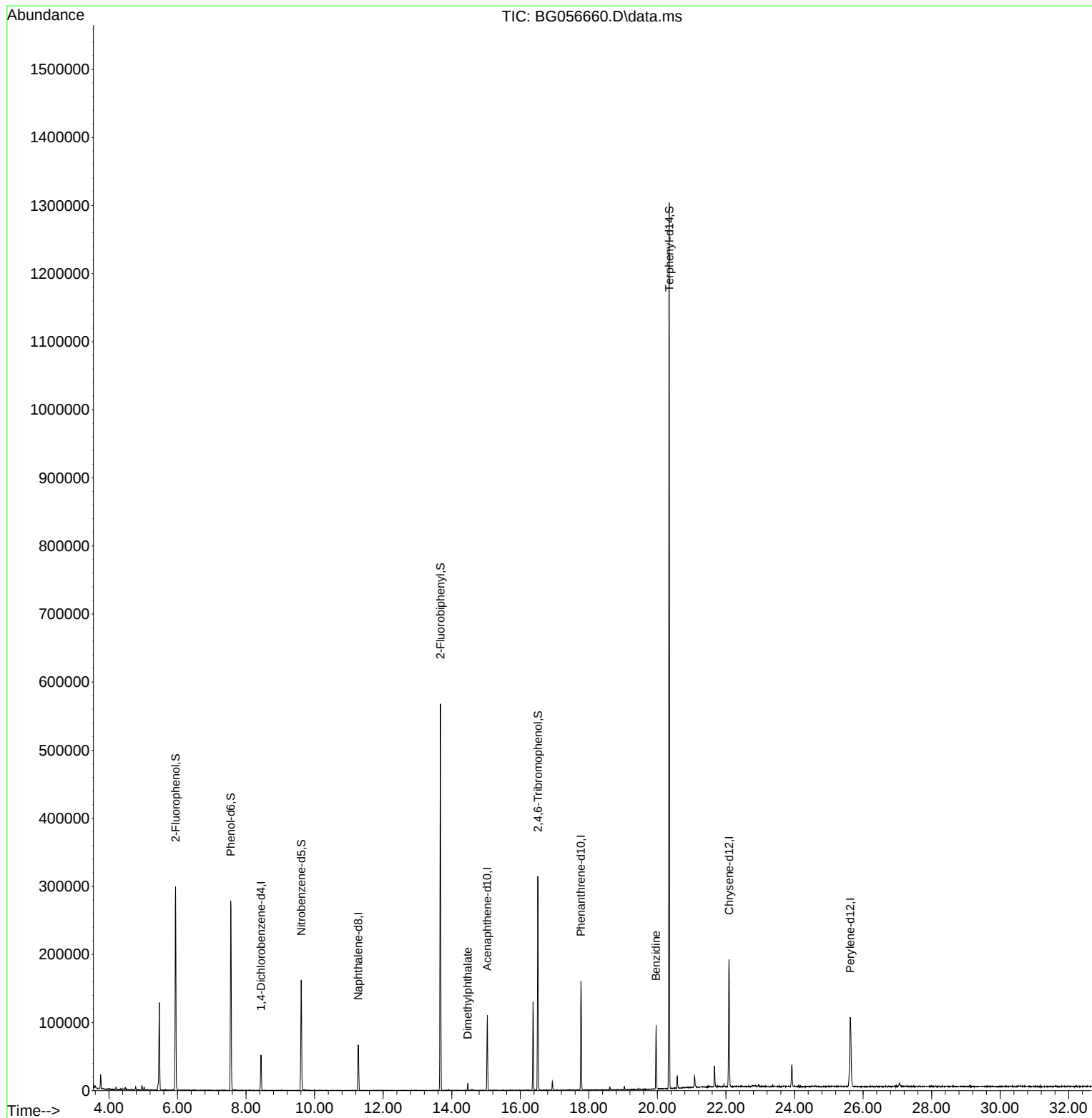
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	14713	20.000	ng	0.00
21) Naphthalene-d8	11.273	136	55720	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	40023	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	106070	20.000	ng	0.00
76) Chrysene-d12	22.089	240	123686	20.000	ng	-0.01
86) Perylene-d12	25.626	264	132975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	125898	139.227	ng	0.00
7) Phenol-d6	7.553	99	159869	119.686	ng	0.00
23) Nitrobenzene-d5	9.610	82	95466	87.724	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	67384	122.972	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	285783	95.615	ng	0.00
79) Terphenyl-d14	20.344	244	683883	90.464	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.469	163	7714	2.332	ng	# 94
77) Benzidine	19.962	184	56509	19.102	ng	98

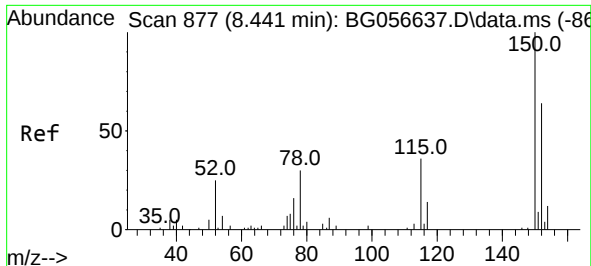
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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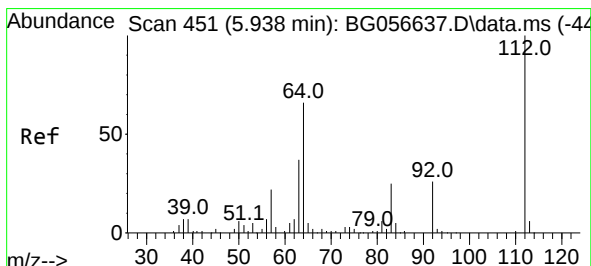
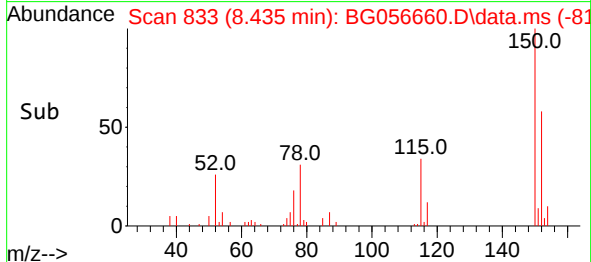
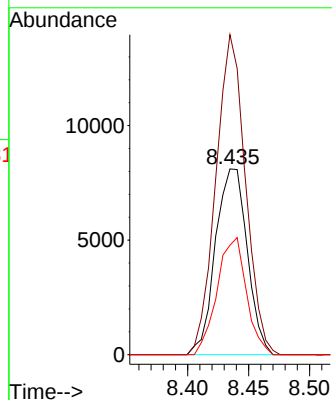
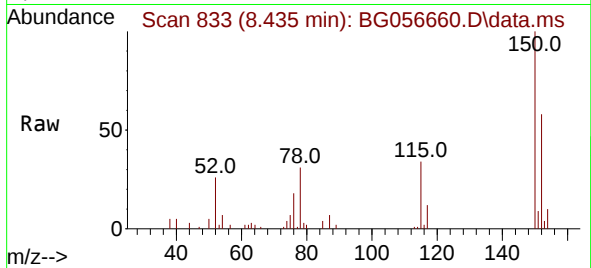




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

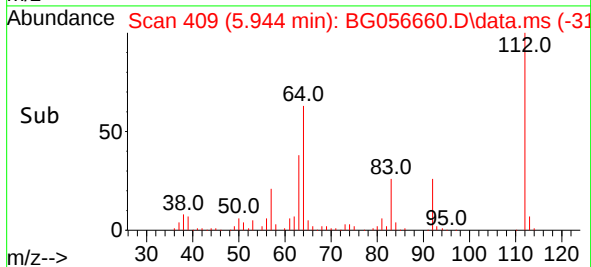
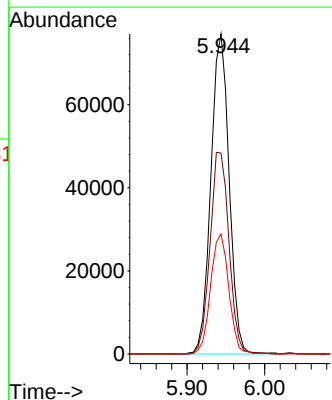
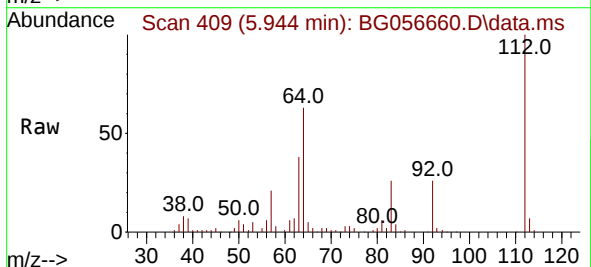
Instrument :
BNA_G
ClientSampleId :
MH-C

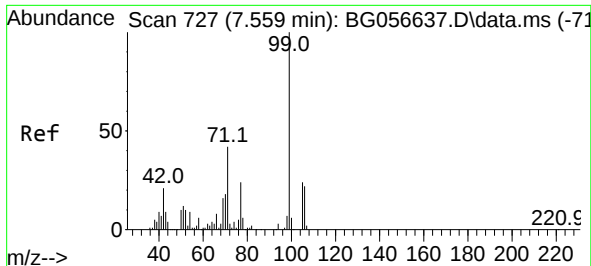
Tgt Ion:152 Resp: 14713
Ion Ratio Lower Upper
152 100
150 172.3 124.8 187.2
115 58.9 44.7 67.1



#5
2-Fluorophenol
Concen: 139.227 ng
RT: 5.944 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion:112 Resp: 125898
Ion Ratio Lower Upper
112 100
64 62.8 52.6 78.8
63 37.5 29.8 44.6

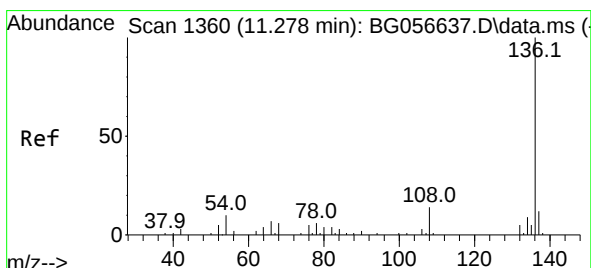
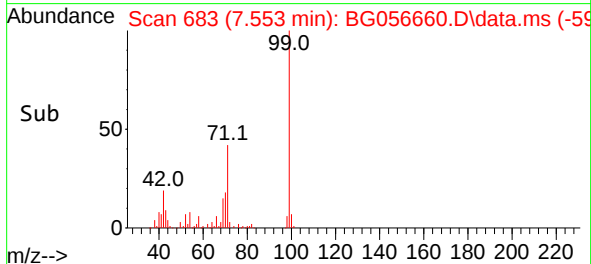
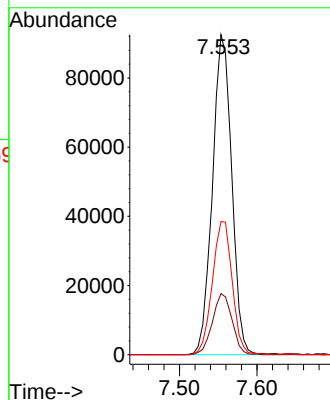
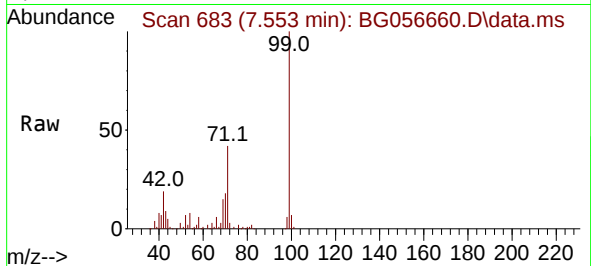




#7
Phenol-d6
Concen: 119.686 ng
RT: 7.553 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

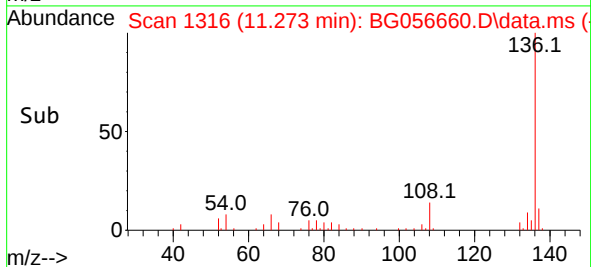
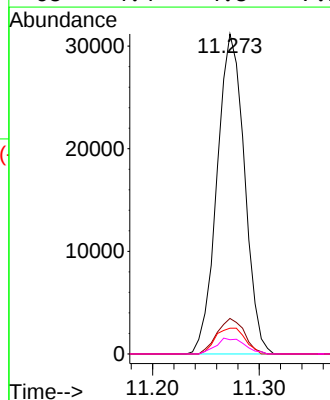
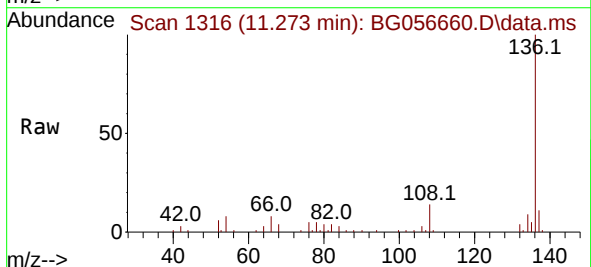
Instrument :
BNA_G
ClientSampleId :
MH-C

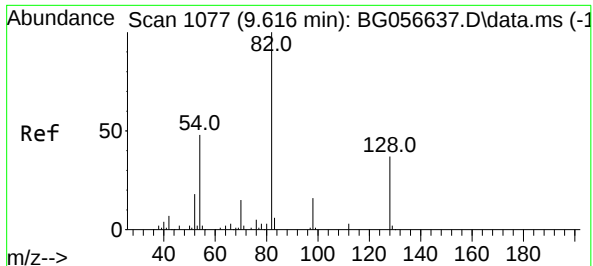
Tgt Ion: 99 Resp: 159869
Ion Ratio Lower Upper
99 100
42 19.1 16.8 25.2
71 41.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.273 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion: 136 Resp: 55720
Ion Ratio Lower Upper
136 100
137 11.1 9.7 14.5
54 8.1 7.7 11.5
68 4.4 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 87.724 ng

RT: 9.610 min Scan# 1077

Delta R.T. -0.006 min

Lab File: BG056660.D

Acq: 17 Feb 2023 17:46

Instrument :

BNA_G

ClientSampleId :

MH-C

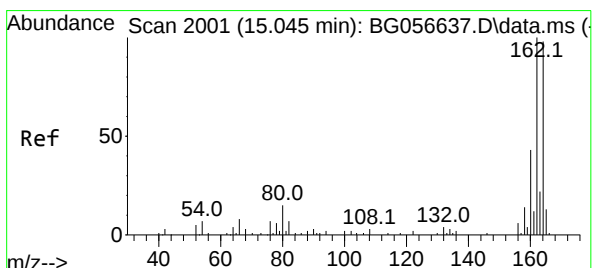
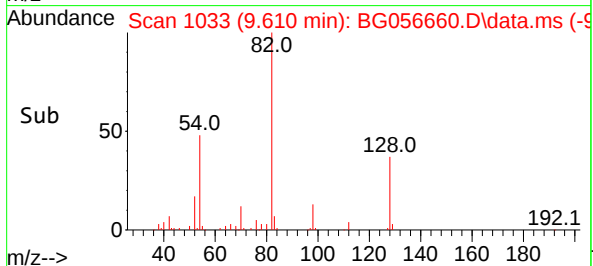
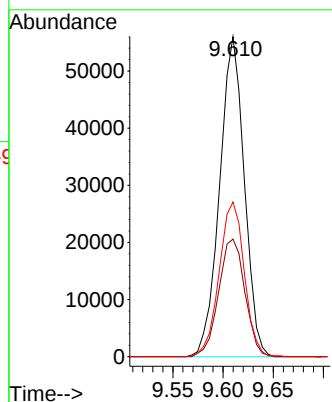
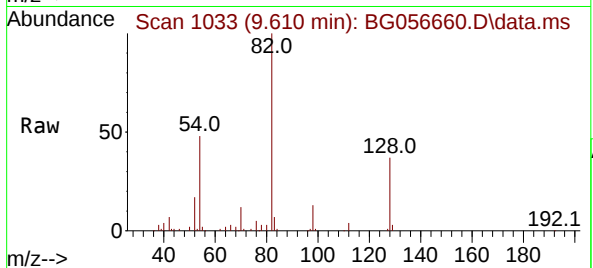
Tgt Ion: 82 Resp: 95466

Ion Ratio Lower Upper

82 100

128 36.7 29.4 44.2

54 48.3 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.039 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BG056660.D

Acq: 17 Feb 2023 17:46

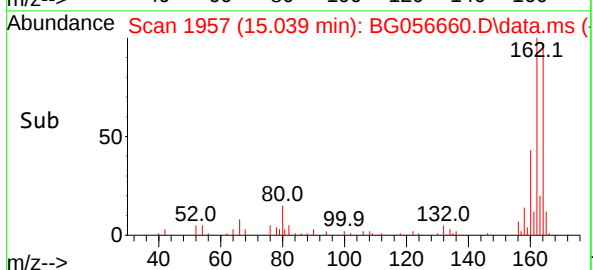
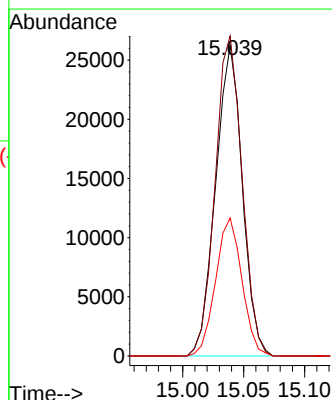
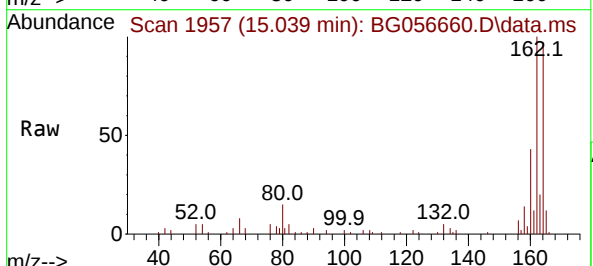
Tgt Ion: 164 Resp: 40023

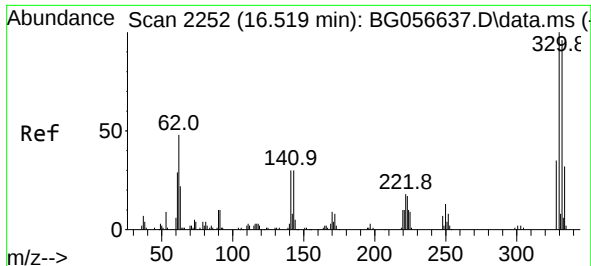
Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

160 44.4 35.2 52.8

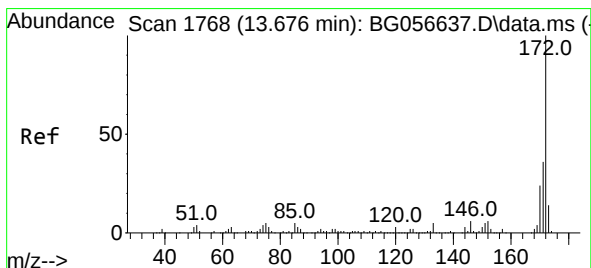
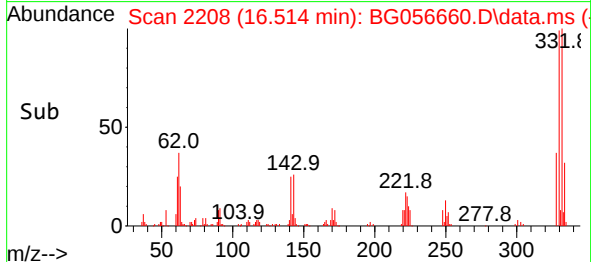
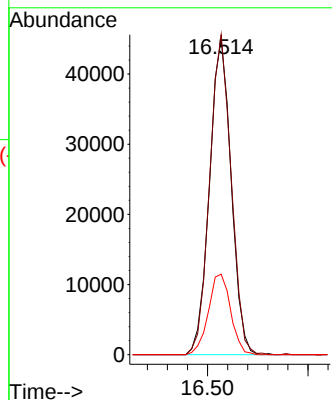
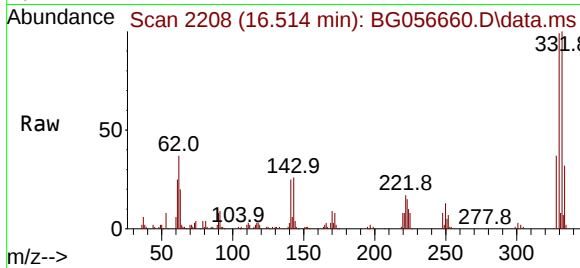




#42
2,4,6-Tribromophenol
Concen: 122.972 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

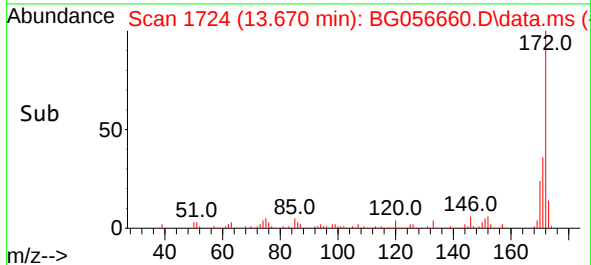
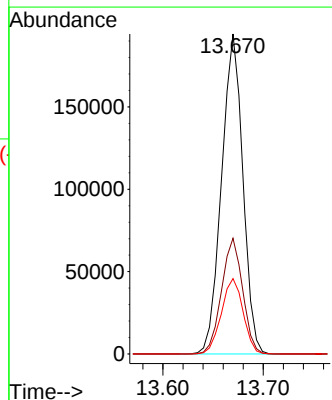
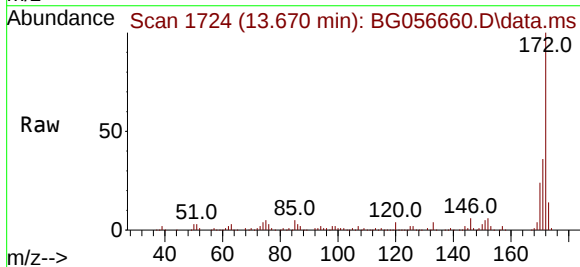
Instrument :
BNA_G
ClientSampleId :
MH-C

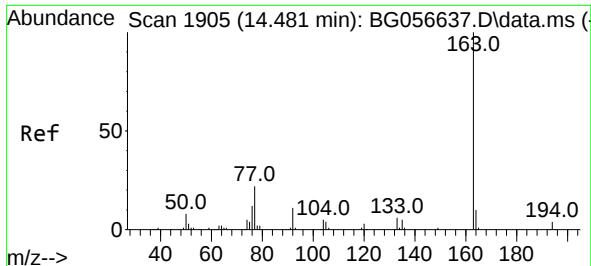
Tgt Ion:330 Resp: 67384
Ion Ratio Lower Upper
330 100
332 100.2 75.7 113.5
141 26.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 95.615 ng
RT: 13.670 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion:172 Resp: 285783
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.5 19.4 29.0

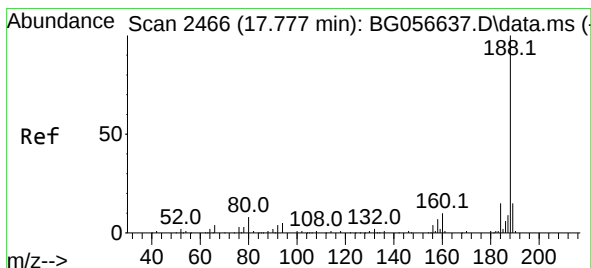
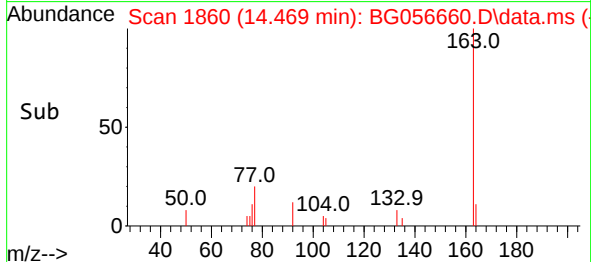
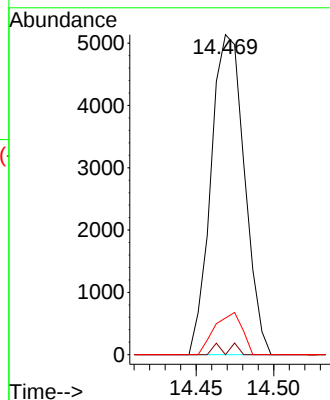
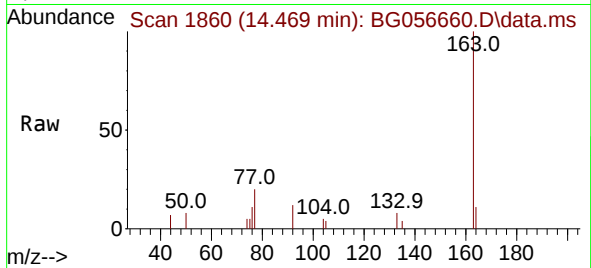




#50
Dimethylphthalate
Concen: 2.332 ng
RT: 14.469 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

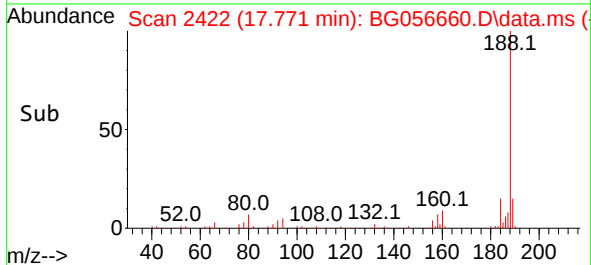
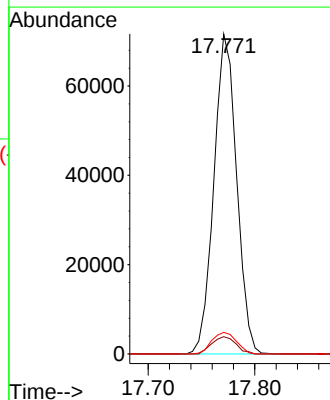
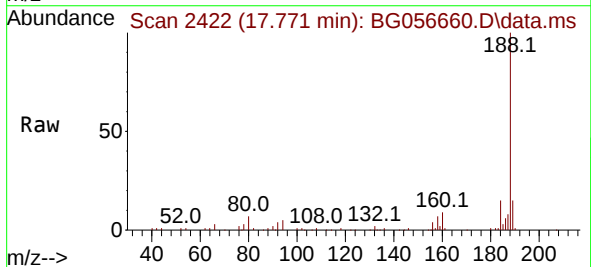
Instrument :
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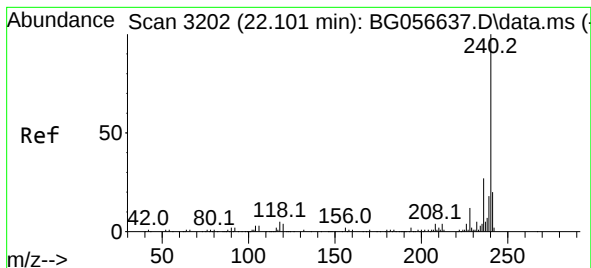
Tgt Ion:163 Resp: 7714
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 11.5 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion:188 Resp: 106070
Ion Ratio Lower Upper
188 100
94 5.4 4.0 6.0
80 6.8 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.089 min Scan# 3157

Delta R.T. -0.012 min

Lab File: BG056660.D

Acq: 17 Feb 2023 17:46

Instrument :

BNA_G

ClientSampleId :

MH-C

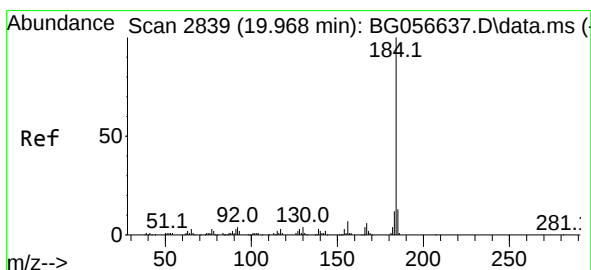
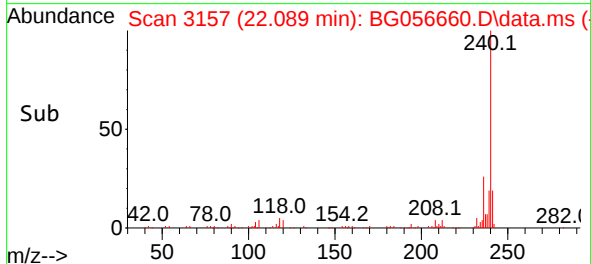
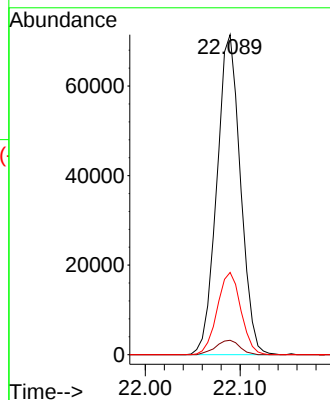
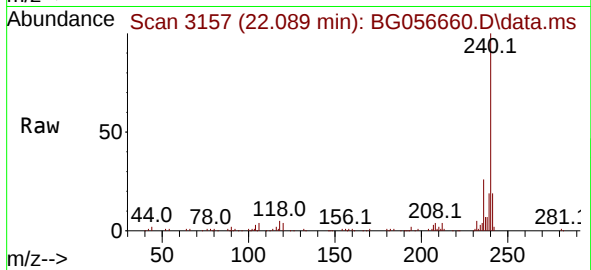
Tgt Ion:240 Resp: 123686

Ion Ratio Lower Upper

240 100

120 4.5 3.5 5.3

236 25.7 21.5 32.3



#77

Benzidine

Concen: 19.102 ng

RT: 19.962 min Scan# 2795

Delta R.T. -0.006 min

Lab File: BG056660.D

Acq: 17 Feb 2023 17:46

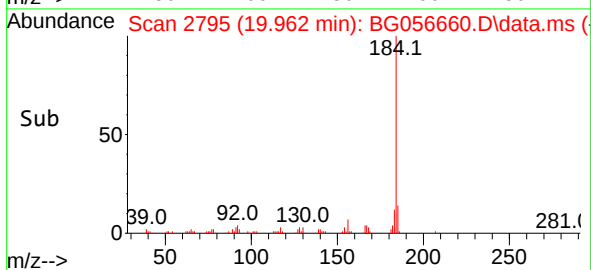
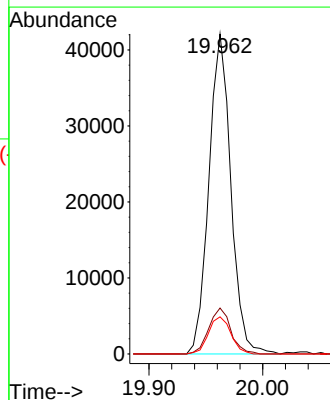
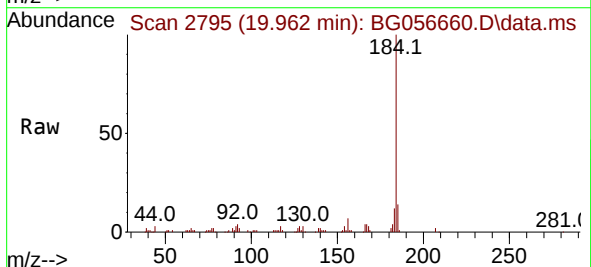
Tgt Ion:184 Resp: 56509

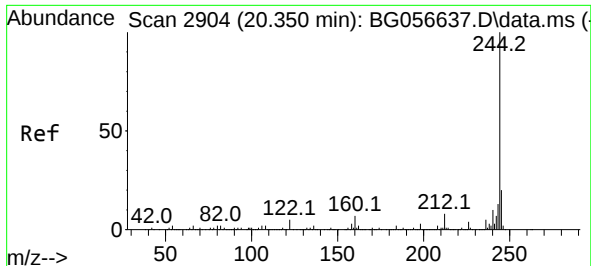
Ion Ratio Lower Upper

184 100

185 14.4 10.6 15.8

183 11.6 9.4 14.0

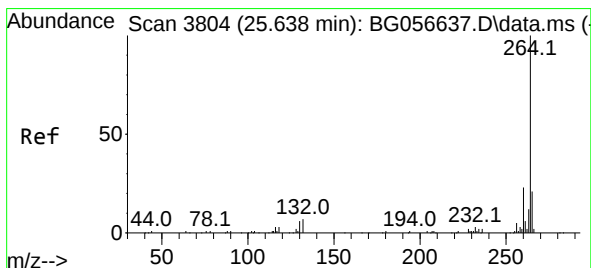
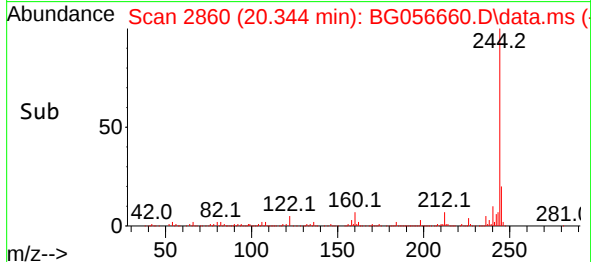
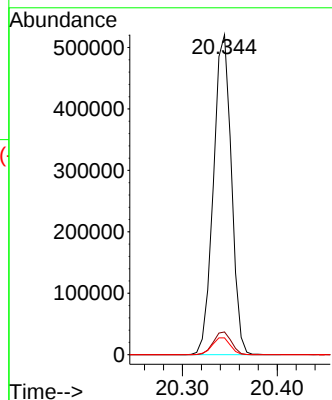
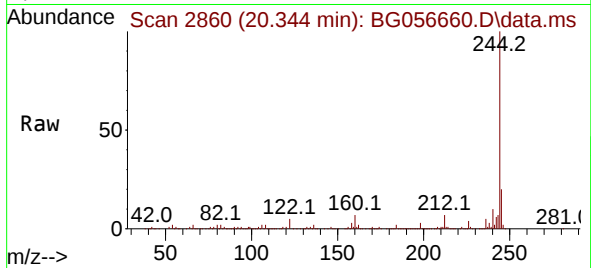




#79
 Terphenyl-d14
 Concen: 90.464 ng
 RT: 20.344 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056660.D
 Acq: 17 Feb 2023 17:46

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 683883
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 5.3 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 3759
 Delta R.T. -0.012 min
 Lab File: BG056660.D
 Acq: 17 Feb 2023 17:46

Tgt Ion:264 Resp: 132975
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.7 17.0 25.4

