

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056309.D
 Acq On : 17 Jan 2023 10:49
 Operator : CG/JU
 Sample : PB150221BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150221BL

Quant Time: Jan 18 02:44:40 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	50486	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	201429	20.000	ng	# 0.00
39) Acenaphthene-d10	14.922	164	167868	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	424700	20.000	ng	0.00
76) Chrysene-d12	21.955	240	415497	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	443742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	367414	129.940	ng	0.00
7) Phenol-d6	7.449	99	509567	117.349	ng	0.00
23) Nitrobenzene-d5	9.488	82	273102	69.352	ng	0.00
42) 2,4,6-Tribromophenol	16.409	330	240742	113.236	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	921664	75.817	ng	0.00
79) Terphenyl-d14	20.240	244	1784130	76.907	ng	0.00

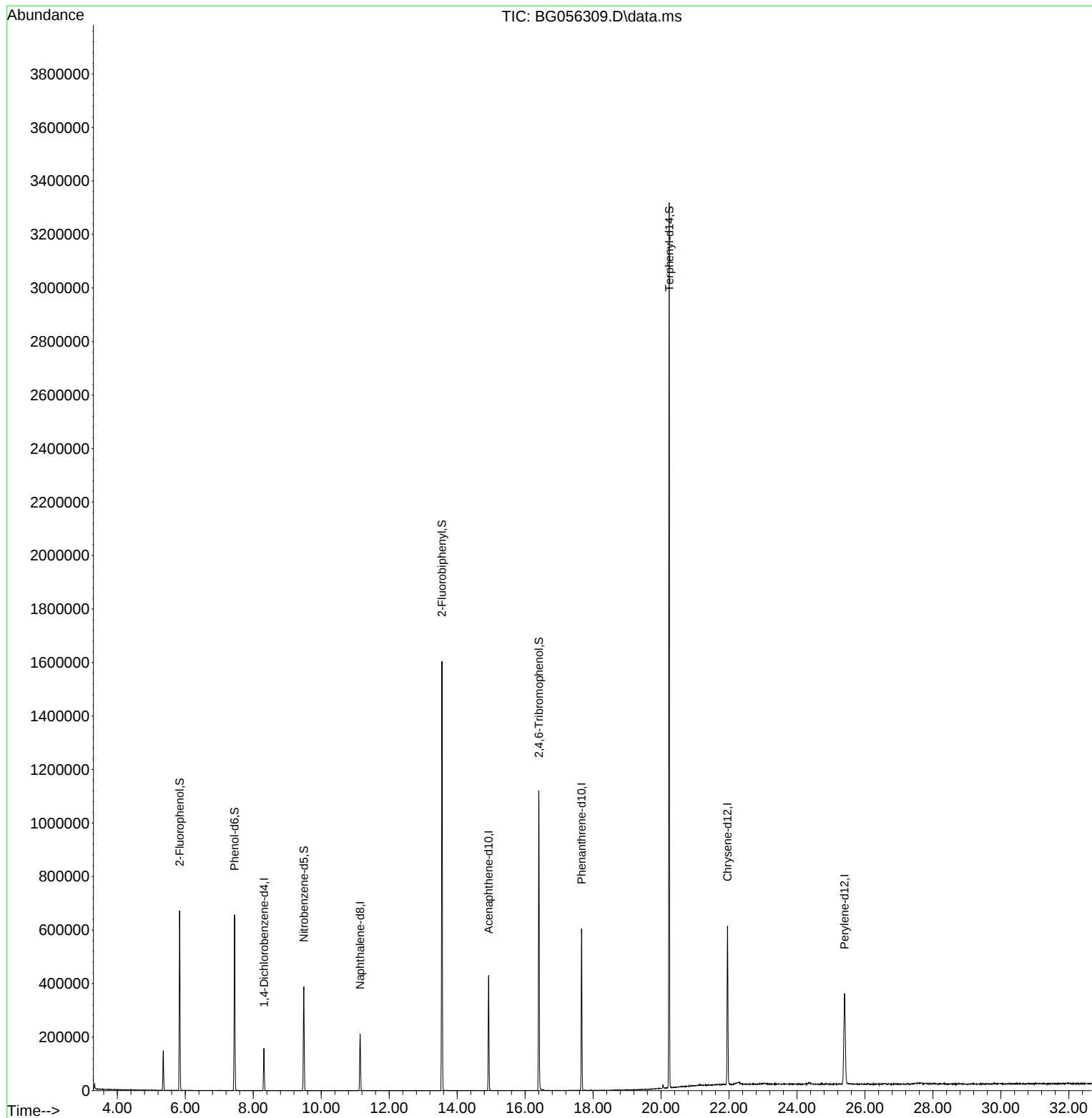
Target Compounds Qvalue

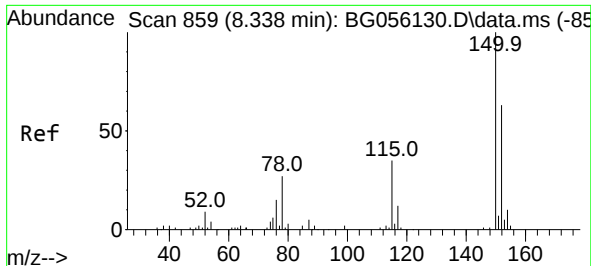
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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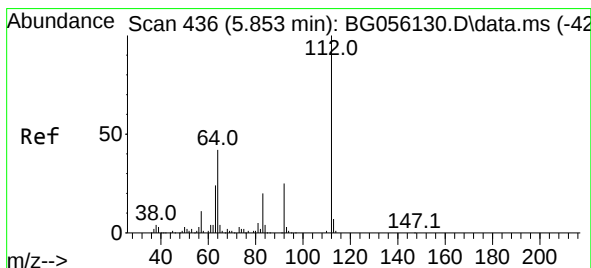
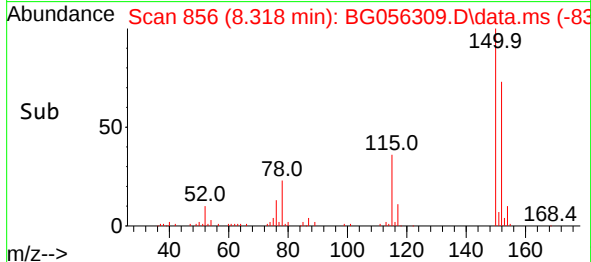
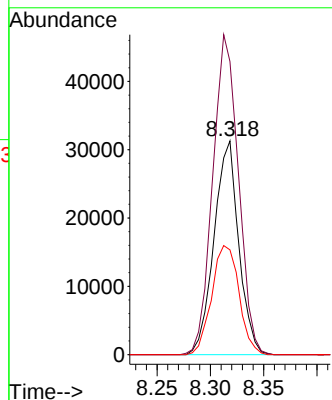
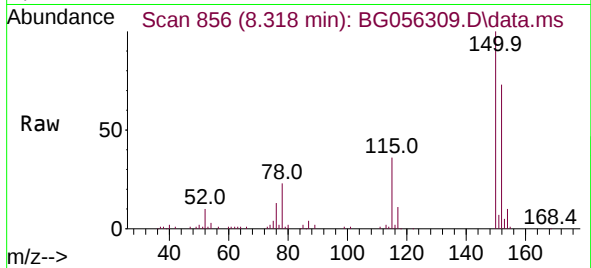




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.318 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG056309.D
 Acq: 17 Jan 2023 10:49

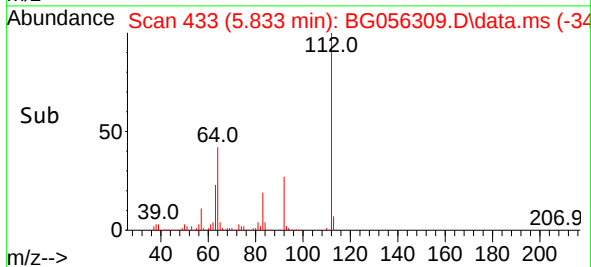
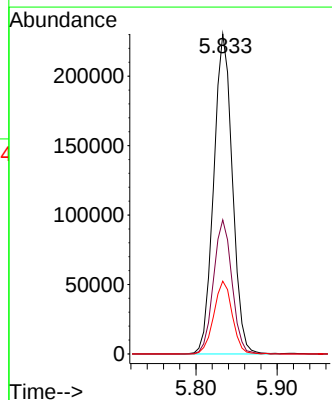
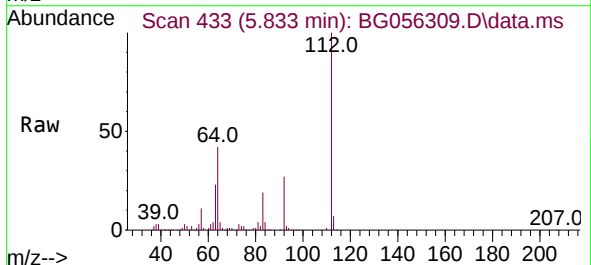
Instrument :
 BNA_G
 ClientSampleId :
 PB150221BL

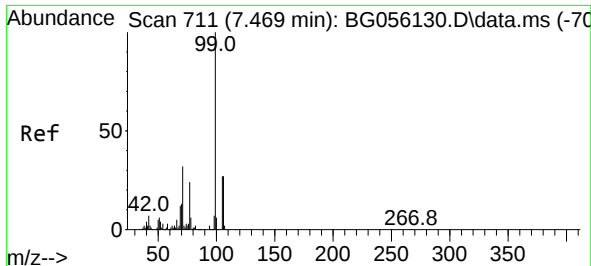
Tgt Ion:152 Resp: 50486
 Ion Ratio Lower Upper
 152 100
 150 137.2 127.9 191.9
 115 49.0 44.2 66.2



#5
 2-Fluorophenol
 Concen: 129.940 ng
 RT: 5.833 min Scan# 433
 Delta R.T. 0.007 min
 Lab File: BG056309.D
 Acq: 17 Jan 2023 10:49

Tgt Ion:112 Resp: 367414
 Ion Ratio Lower Upper
 112 100
 64 41.9 33.3 49.9
 63 22.8 19.0 28.4

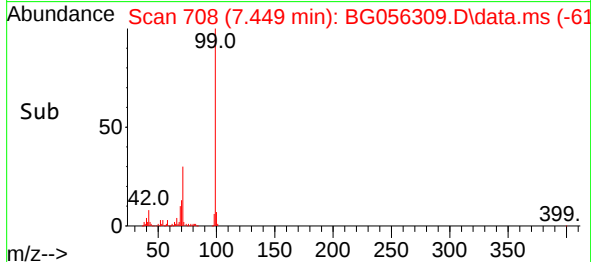
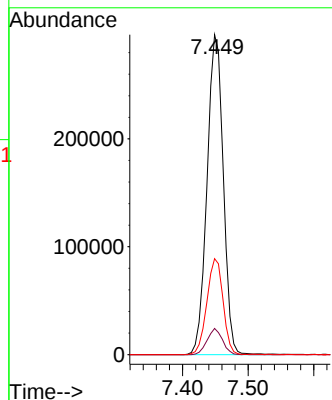
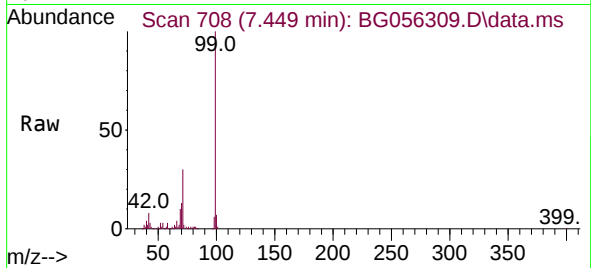




#7
Phenol-d6
Concen: 117.349 ng
RT: 7.449 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG056309.D
Acq: 17 Jan 2023 10:49

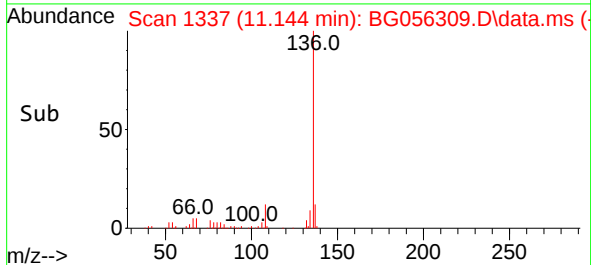
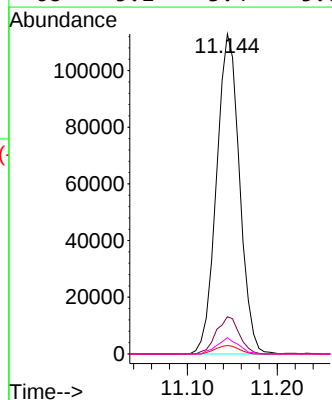
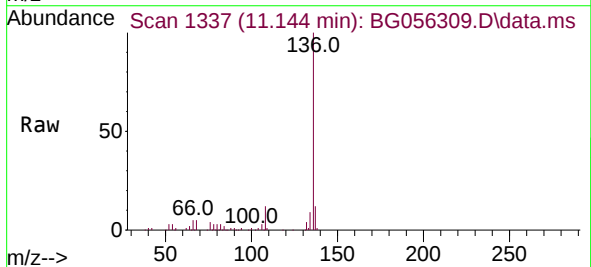
Instrument :
BNA_G
ClientSampleId :
PB150221BL

Tgt Ion: 99 Resp: 509567
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 30.0 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 1337
Delta R.T. -0.004 min
Lab File: BG056309.D
Acq: 17 Jan 2023 10:49

Tgt Ion: 136 Resp: 201429
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 2.6 2.2 3.2
68 5.1 3.4 5.0#





#23

Nitrobenzene-d5

Concen: 69.352 ng

RT: 9.488 min Scan# 1055

Delta R.T. -0.004 min

Lab File: BG056309.D

Acq: 17 Jan 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB150221BL

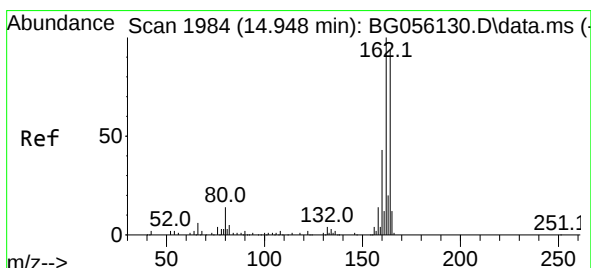
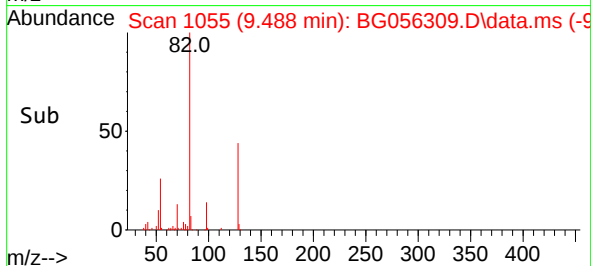
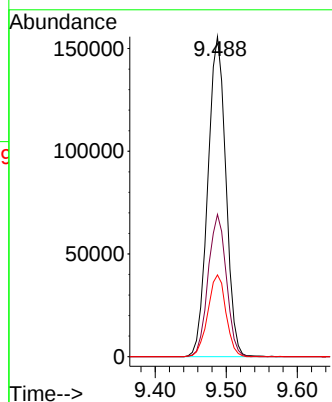
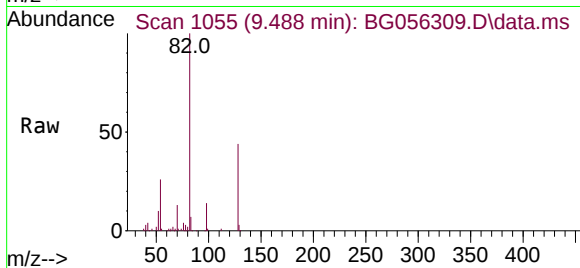
Tgt Ion: 82 Resp: 273102

Ion Ratio Lower Upper

82 100

128 44.4 33.4 50.2

54 25.5 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.922 min Scan# 1980

Delta R.T. -0.004 min

Lab File: BG056309.D

Acq: 17 Jan 2023 10:49

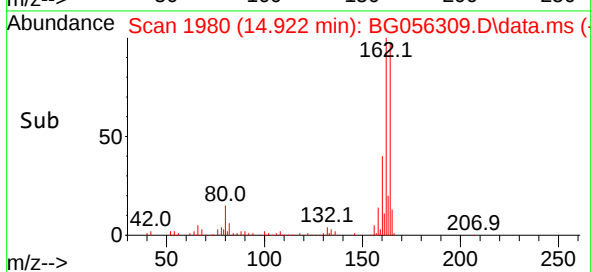
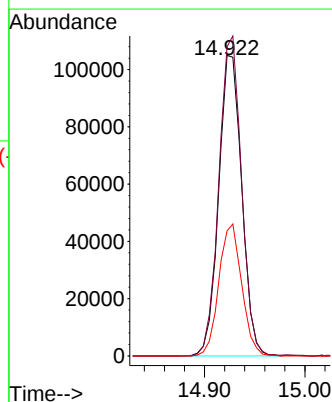
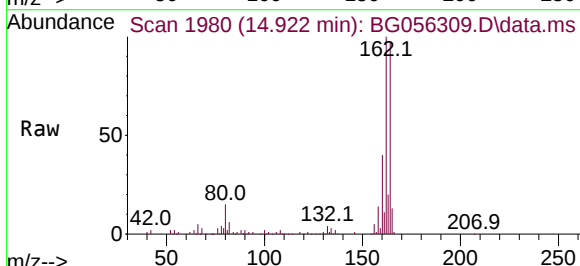
Tgt Ion:164 Resp: 167868

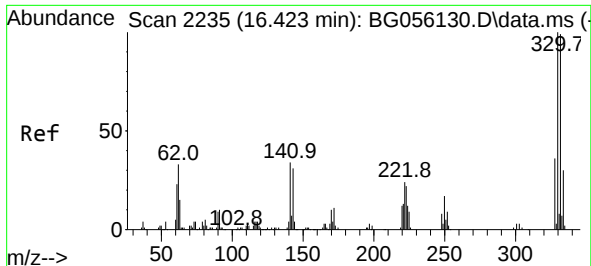
Ion Ratio Lower Upper

164 100

162 103.0 84.7 127.1

160 41.6 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 113.236 ng

RT: 16.409 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056309.D

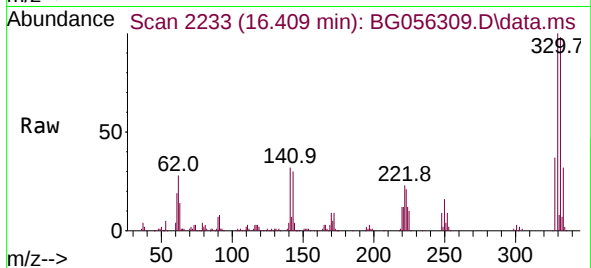
Acq: 17 Jan 2023 10:49

Instrument :

BNA_G

ClientSampleId :

PB150221BL



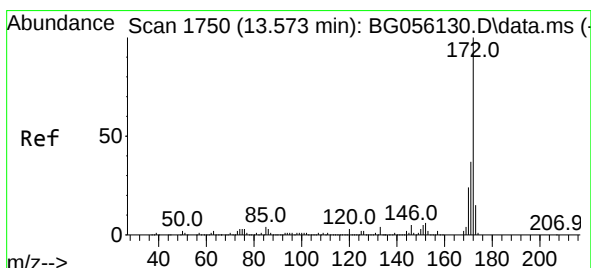
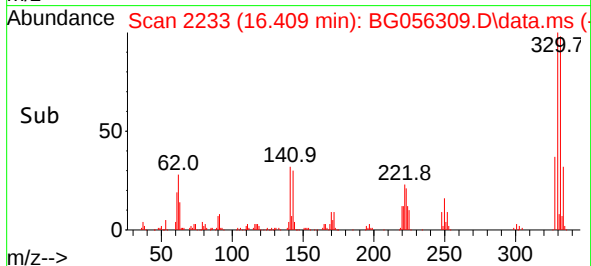
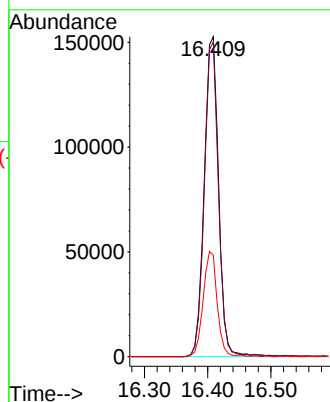
Tgt Ion:330 Resp: 240742

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 32.1 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 75.817 ng

RT: 13.553 min Scan# 1747

Delta R.T. -0.004 min

Lab File: BG056309.D

Acq: 17 Jan 2023 10:49

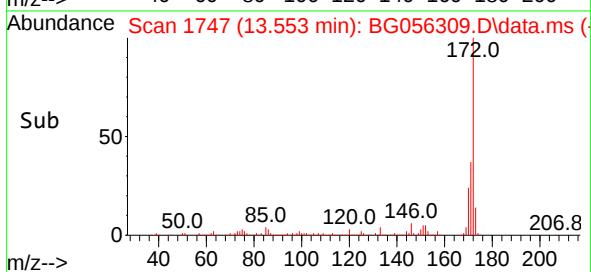
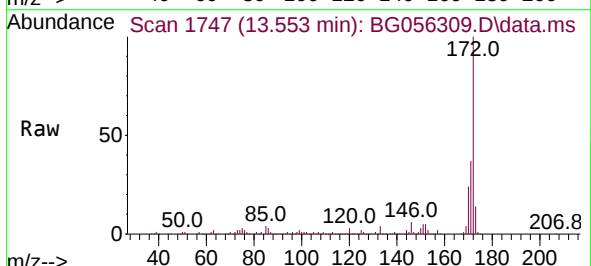
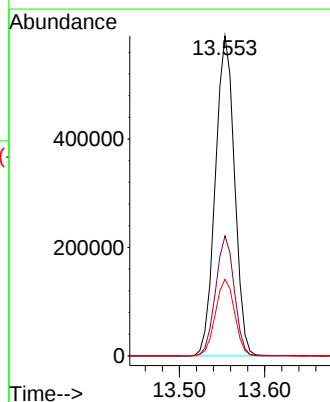
Tgt Ion:172 Resp: 921664

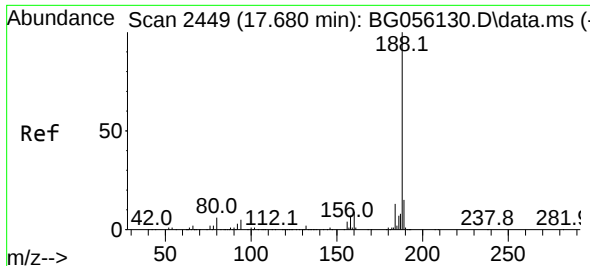
Ion Ratio Lower Upper

172 100

171 37.5 29.6 44.4

170 23.9 19.4 29.2

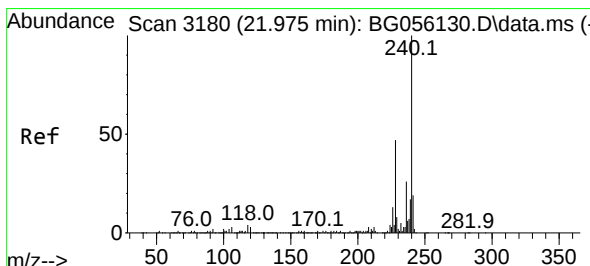
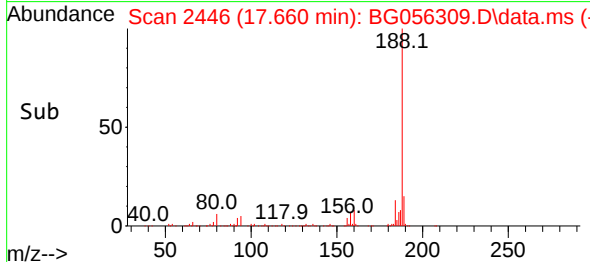
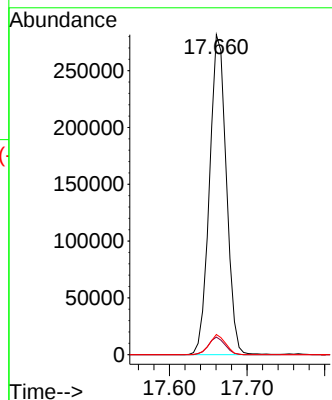
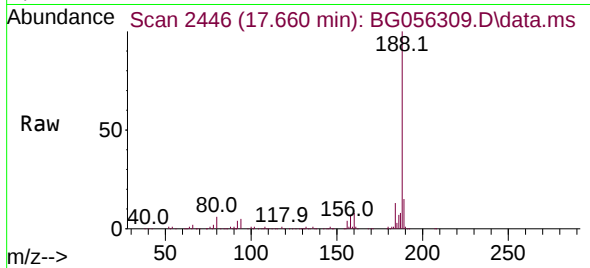




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG056309.D
Acq: 17 Jan 2023 10:49

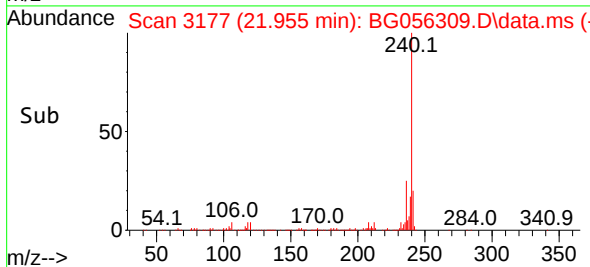
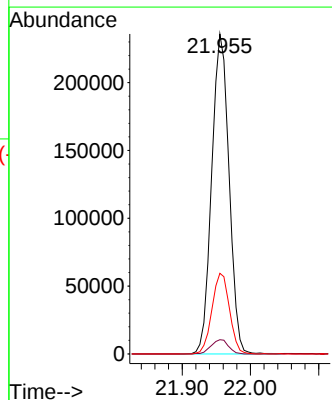
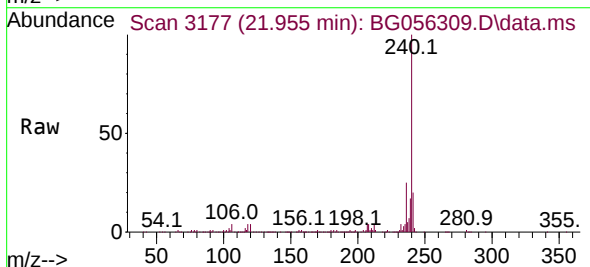
Instrument :
BNA_G
ClientSampleId :
PB150221BL

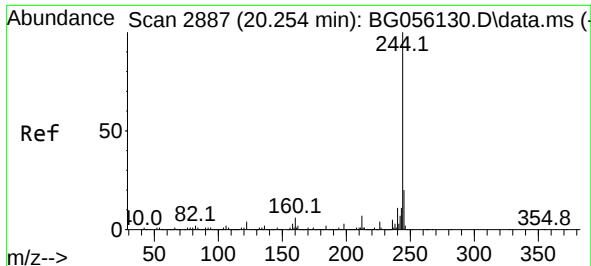
Tgt Ion:188 Resp: 424700
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 6.3 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG056309.D
Acq: 17 Jan 2023 10:49

Tgt Ion:240 Resp: 415497
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.2 20.8 31.2

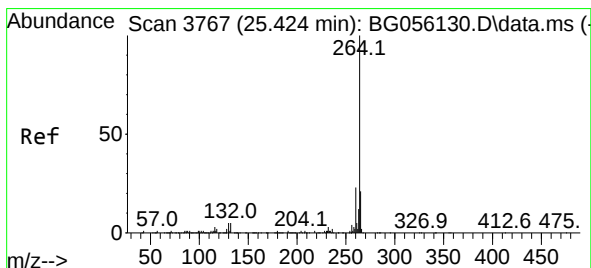
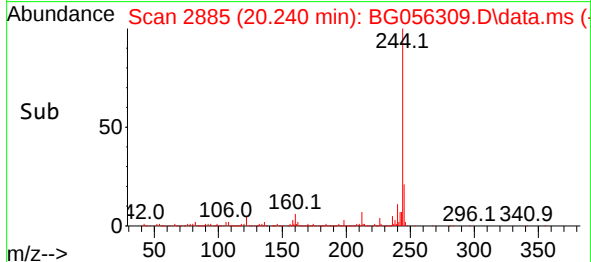
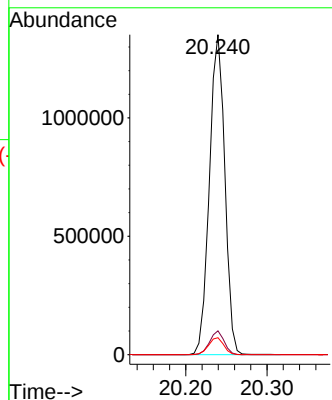
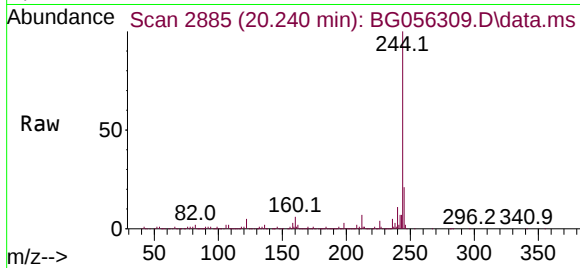




#79
 Terphenyl-d14
 Concen: 76.907 ng
 RT: 20.240 min Scan# 2885
 Delta R.T. 0.002 min
 Lab File: BG056309.D
 Acq: 17 Jan 2023 10:49

Instrument :
 BNA_G
 ClientSampleId :
 PB150221BL

Tgt Ion:244 Resp: 1784130
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.3 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.398 min Scan# 3763
 Delta R.T. -0.004 min
 Lab File: BG056309.D
 Acq: 17 Jan 2023 10:49

Tgt Ion:264 Resp: 443742
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 22.7 16.7 25.1

