

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056450.D
 Acq On : 26 Jan 2023 19:54
 Operator : CG/JU
 Sample : 01283-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-10

Quant Time: Jan 27 01:02:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	32720	20.000	ng	0.00
21) Naphthalene-d8	11.120	136	123087	20.000	ng	-0.01
39) Acenaphthene-d10	14.910	164	99987	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	254311	20.000	ng	0.00
76) Chrysene-d12	21.937	240	248553	20.000	ng	# 0.00
86) Perylene-d12	25.368	264	267656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	199015	108.600	ng	0.00
7) Phenol-d6	7.436	99	280888	99.809	ng	0.00
23) Nitrobenzene-d5	9.469	82	146059	60.698	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	137832	108.845	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	504083	69.618	ng	0.00
79) Terphenyl-d14	20.221	244	968415	69.783	ng	0.00

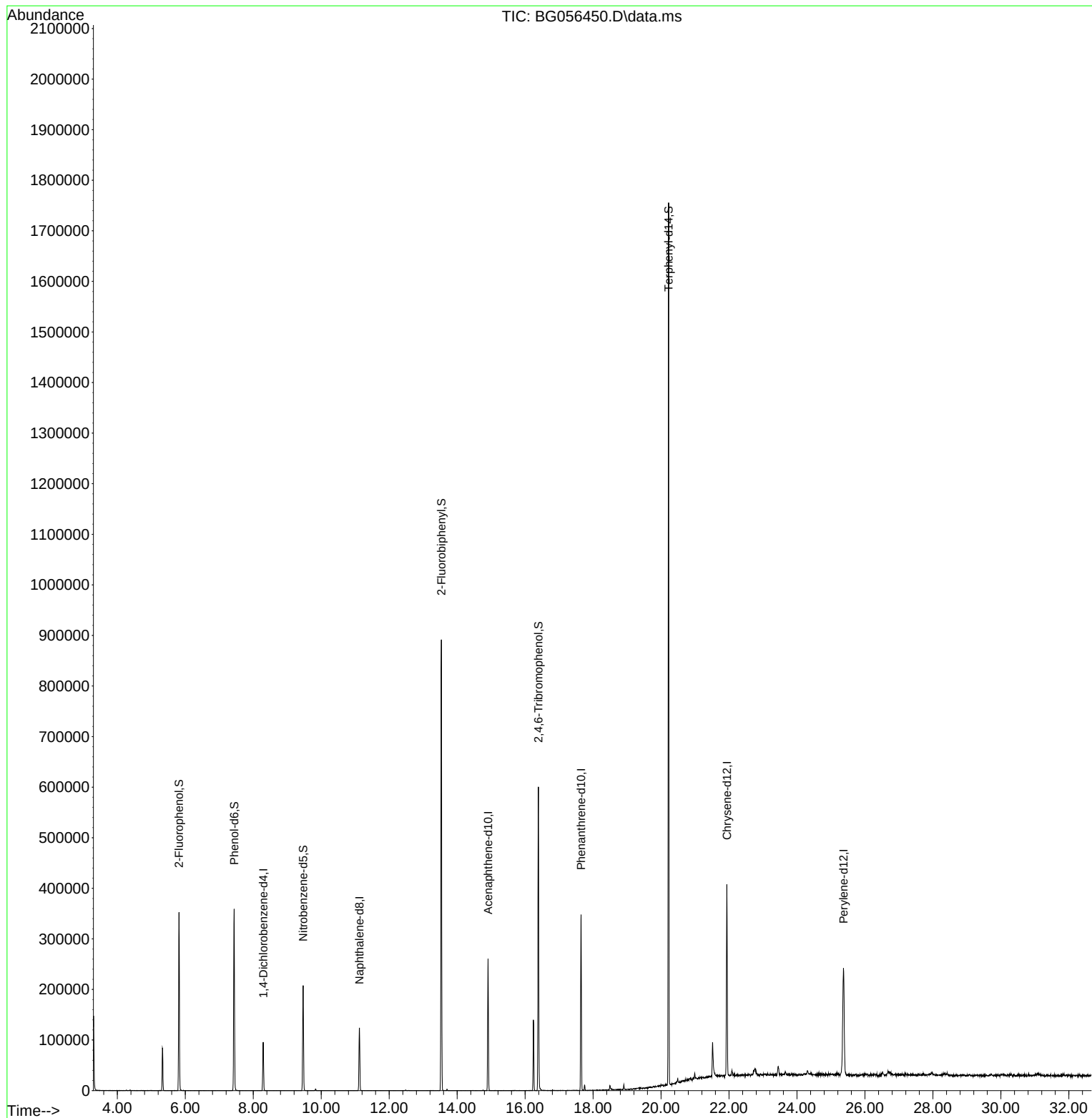
Target Compounds Qvalue

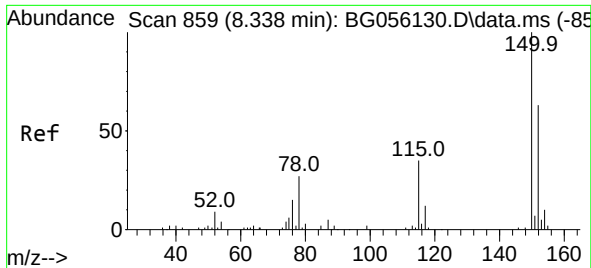
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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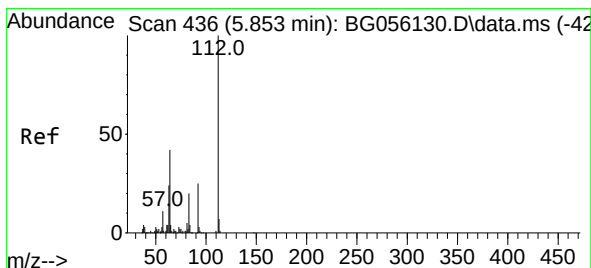
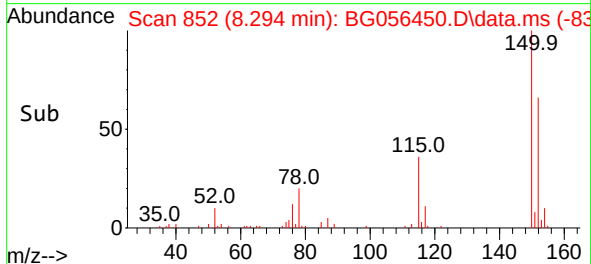
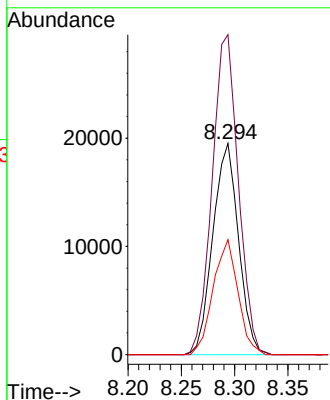
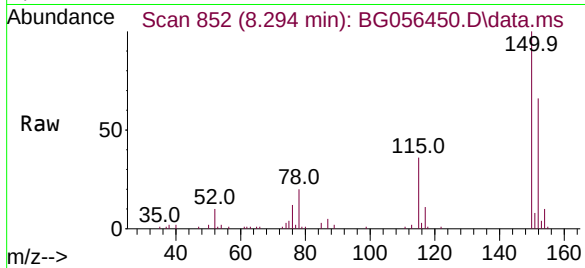




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056450.D
Acq: 26 Jan 2023 19:54

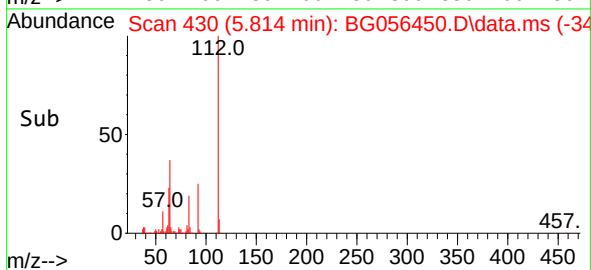
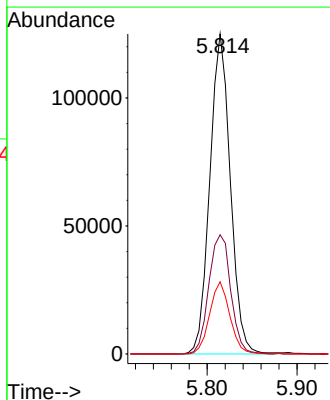
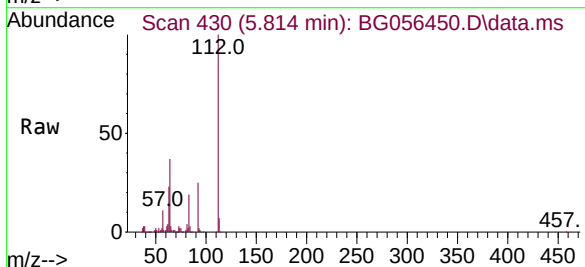
Instrument :
BNA_G
ClientSampleId :
MH-10

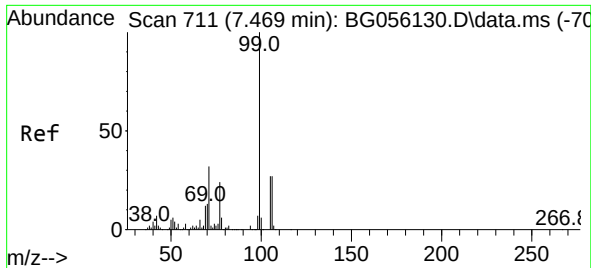
Tgt Ion:152 Resp: 32720
Ion Ratio Lower Upper
152 100
150 151.6 127.9 191.9
115 54.5 44.2 66.2



#5
2-Fluorophenol
Concen: 108.600 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.001 min
Lab File: BG056450.D
Acq: 26 Jan 2023 19:54

Tgt Ion:112 Resp: 199015
Ion Ratio Lower Upper
112 100
64 37.2 33.3 49.9
63 22.5 19.0 28.4

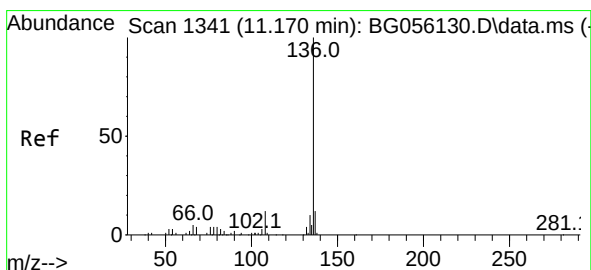
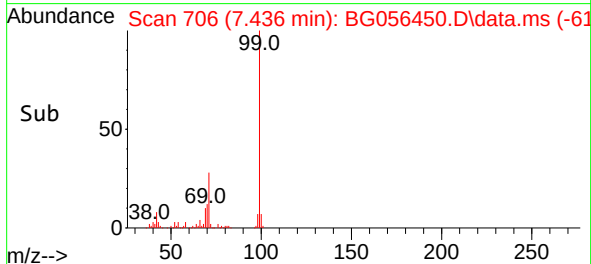
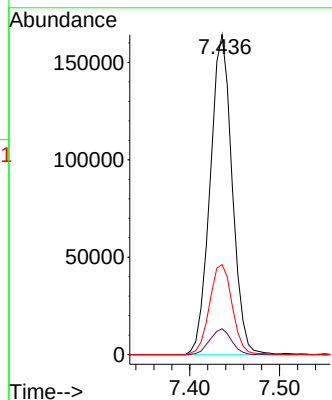
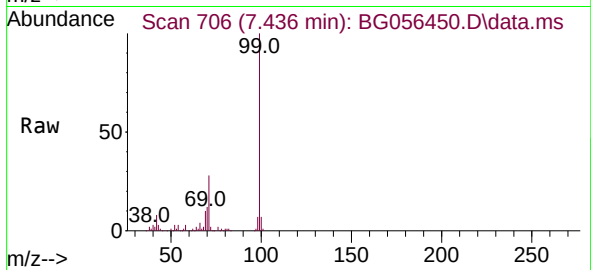




#7
Phenol-d6
Concen: 99.809 ng
RT: 7.436 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056450.D
Acq: 26 Jan 2023 19:54

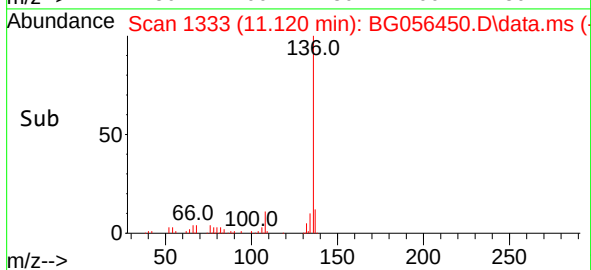
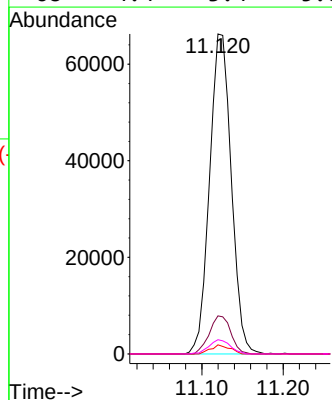
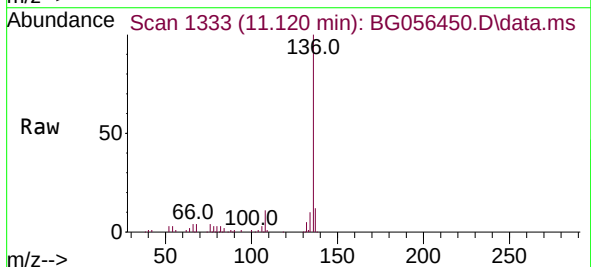
Instrument :
BNA_G
ClientSampleId :
MH-10

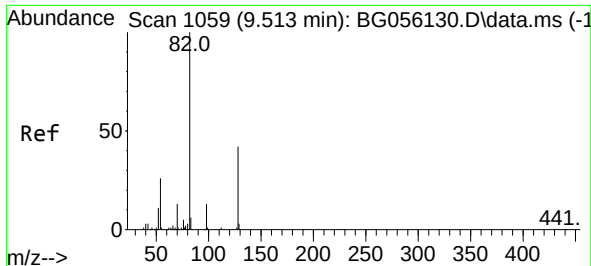
Tgt Ion: 99 Resp: 280888
Ion Ratio Lower Upper
99 100
42 8.1 5.9 8.9
71 28.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.120 min Scan# 1333
Delta R.T. -0.011 min
Lab File: BG056450.D
Acq: 26 Jan 2023 19:54

Tgt Ion: 136 Resp: 123087
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.8 2.2 3.2
68 4.4 3.4 5.0





#23

Nitrobenzene-d5

Concen: 60.698 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056450.D

Acq: 26 Jan 2023 19:54

Instrument :

BNA_G

ClientSampleId :

MH-10

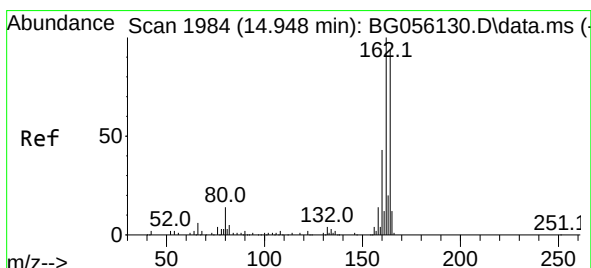
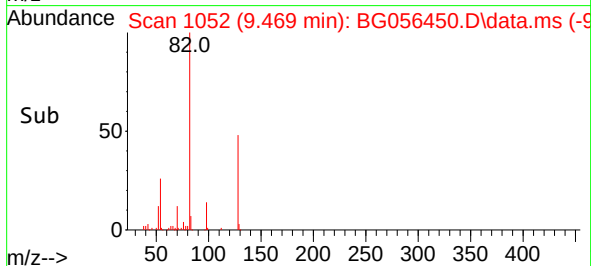
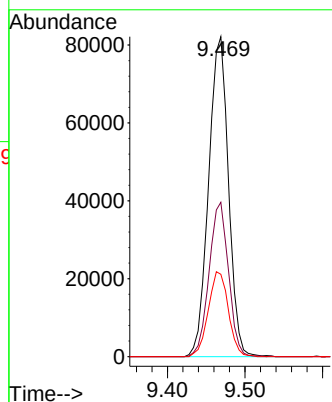
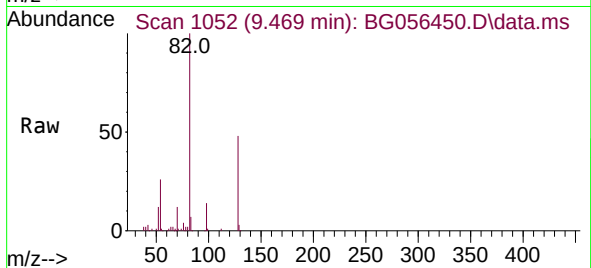
Tgt Ion: 82 Resp: 146059

Ion Ratio Lower Upper

82 100

128 48.2 33.4 50.2

54 25.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG056450.D

Acq: 26 Jan 2023 19:54

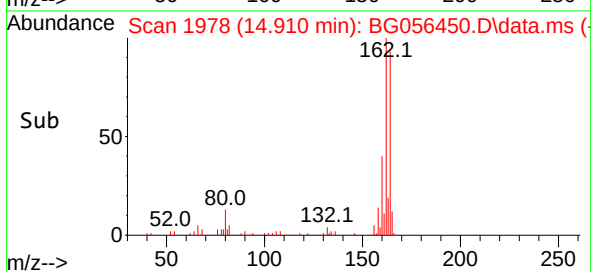
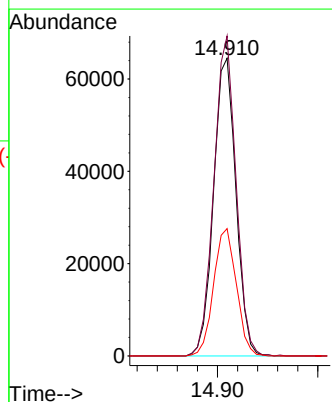
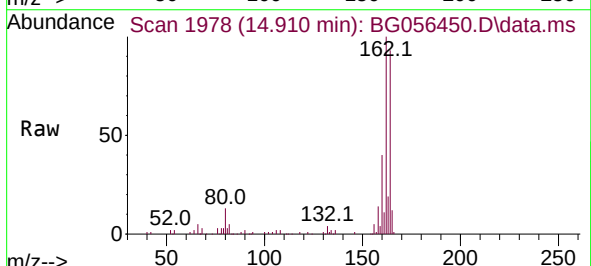
Tgt Ion:164 Resp: 99987

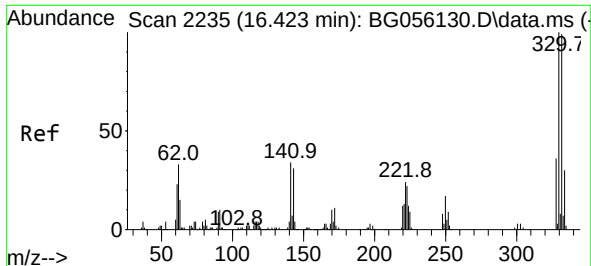
Ion Ratio Lower Upper

164 100

162 107.5 84.7 127.1

160 42.8 36.3 54.5

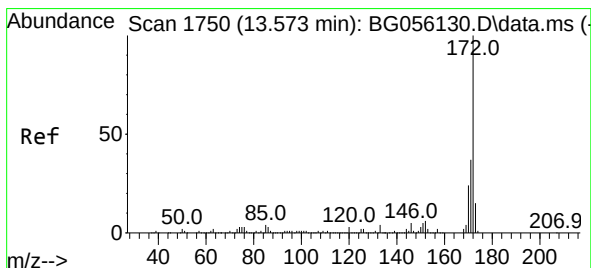
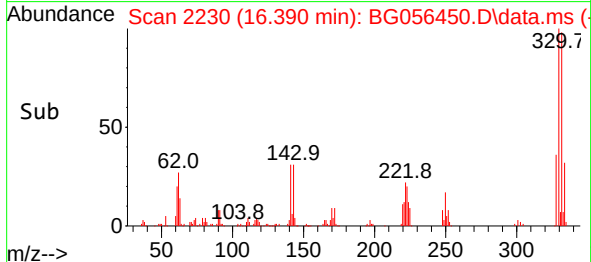
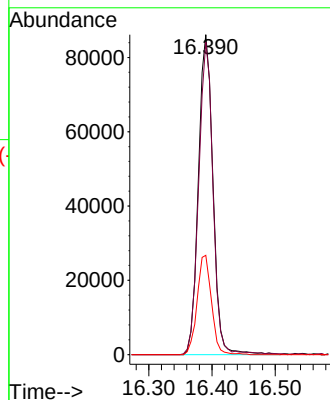
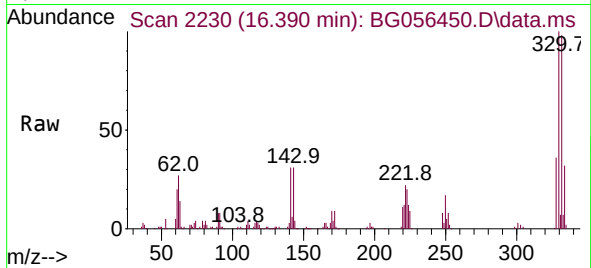




#42
 2,4,6-Tribromophenol
 Concen: 108.845 ng
 RT: 16.390 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056450.D
 Acq: 26 Jan 2023 19:54

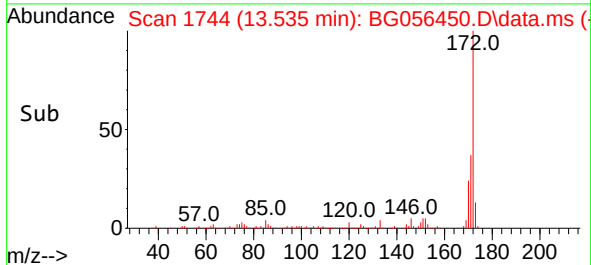
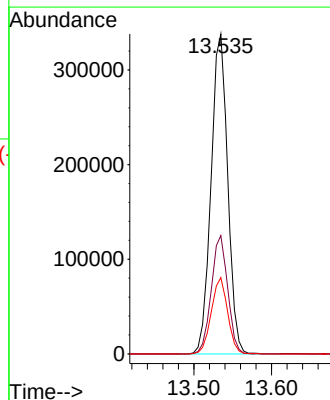
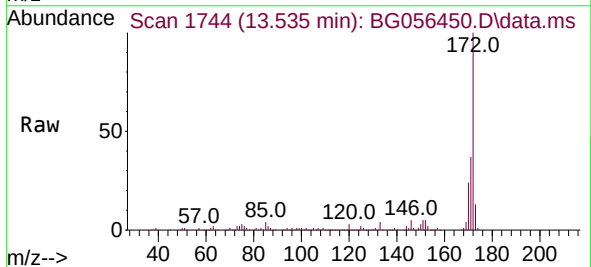
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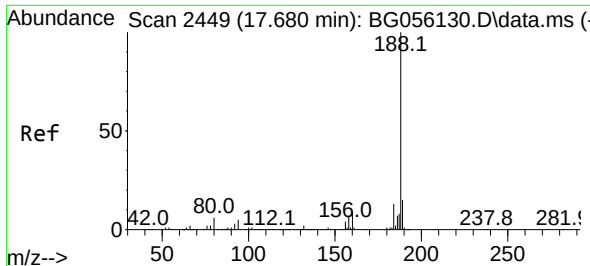
Tgt Ion:330 Resp: 137832
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 30.6 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 69.618 ng
 RT: 13.535 min Scan# 1744
 Delta R.T. -0.005 min
 Lab File: BG056450.D
 Acq: 26 Jan 2023 19:54

Tgt Ion:172 Resp: 504083
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 23.9 19.4 29.2

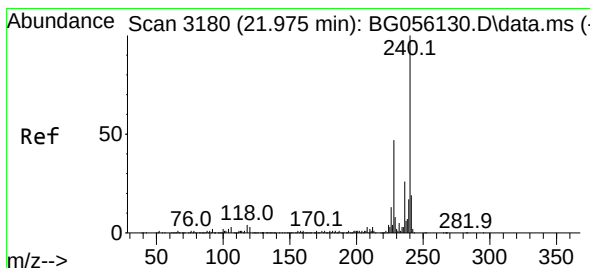
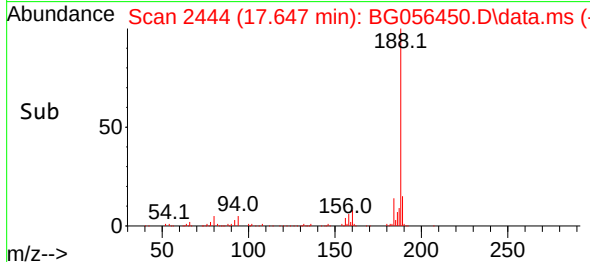
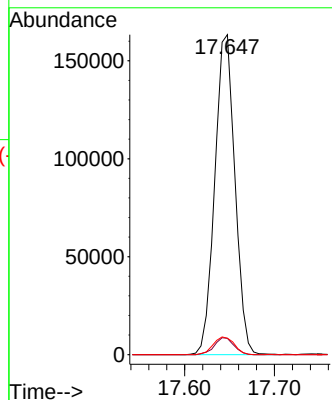
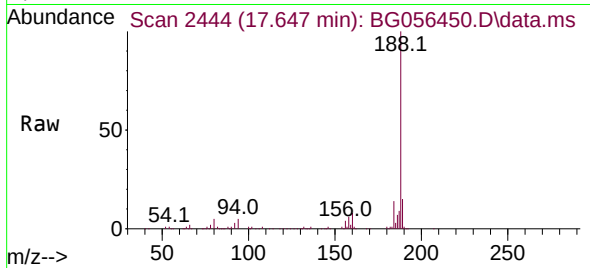




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056450.D
Acq: 26 Jan 2023 19:54

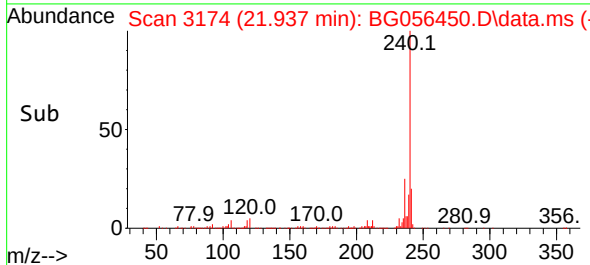
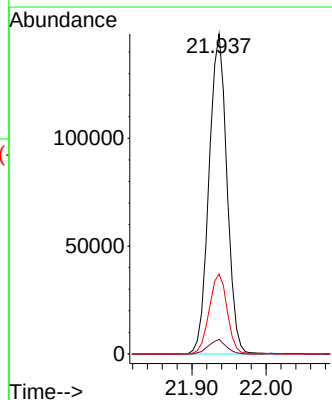
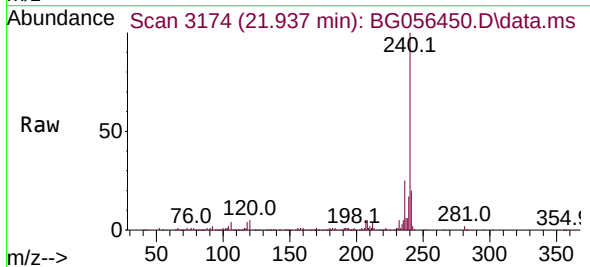
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MH-10

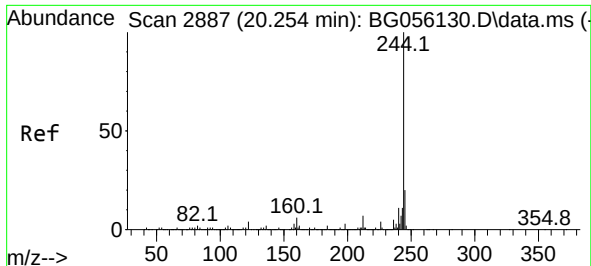
Tgt Ion:188 Resp: 254311
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.1 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056450.D
Acq: 26 Jan 2023 19:54

Tgt Ion:240 Resp: 248553
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 24.9 20.8 31.2

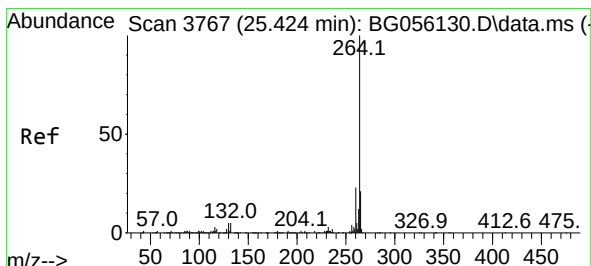
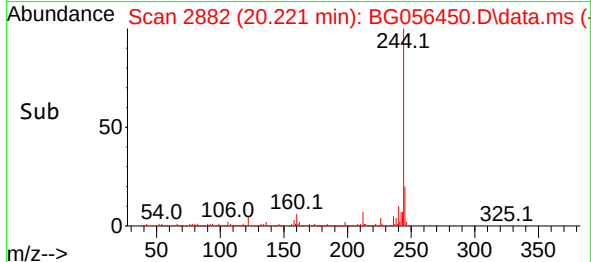
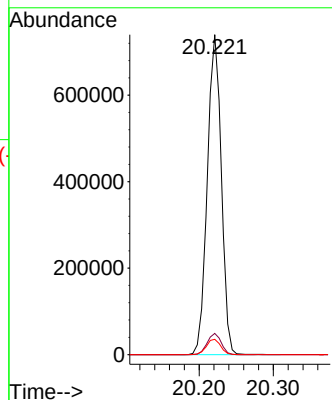
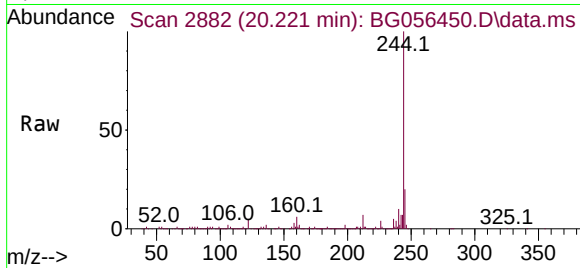




#79
 Terphenyl-d14
 Concen: 69.783 ng
 RT: 20.221 min Scan# 2882
 Delta R.T. -0.005 min
 Lab File: BG056450.D
 Acq: 26 Jan 2023 19:54

Instrument :
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 ClientSampleId :
 MH-10

Tgt Ion:244 Resp: 968415
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.368 min Scan# 3758
 Delta R.T. -0.005 min
 Lab File: BG056450.D
 Acq: 26 Jan 2023 19:54

Tgt Ion:264 Resp: 267656
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 28.0
 265 20.4 16.7 25.1

