

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056441.D
 Acq On : 26 Jan 2023 13:43
 Operator : CG/JU
 Sample : 01283-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-10

Quant Time: Jan 27 00:58:22 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	8.293	152	33460	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	122478	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	97950	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	280027	20.000	ng	0.00
76) Chrysene-d12	21.936	240	286793	20.000	ng	# 0.00
86) Perylene-d12	25.368	264	304435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	253230	135.129	ng	0.00
7) Phenol-d6	7.436	99	314191	109.173	ng	0.00
23) Nitrobenzene-d5	9.469	82	189986	79.346	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	203992	164.441	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	641380	90.422	ng	0.00
79) Terphenyl-d14	20.221	244	1517539	94.772	ng	0.00

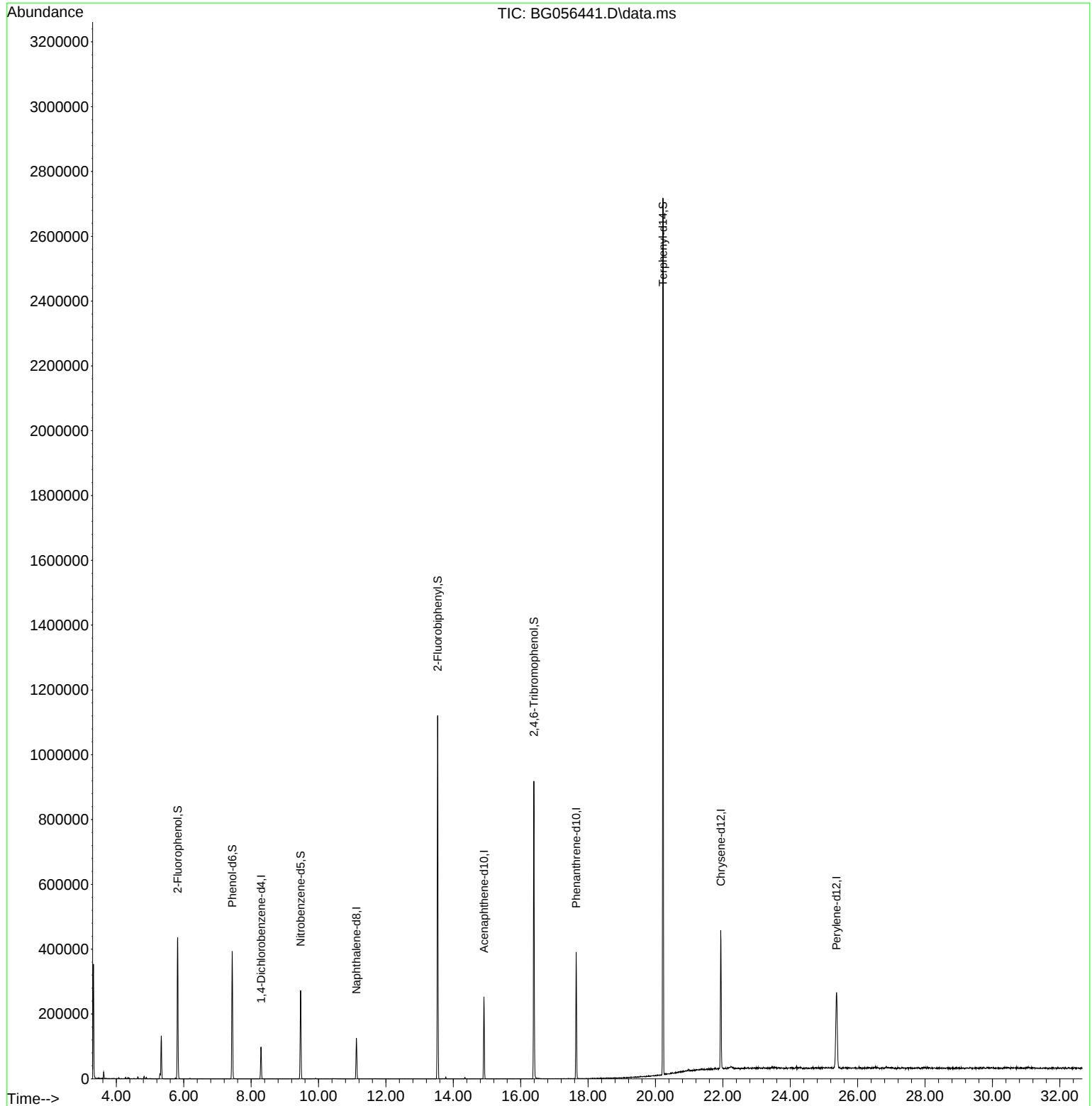
Target Compounds Qvalue

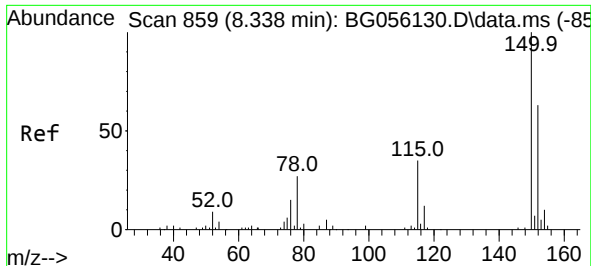
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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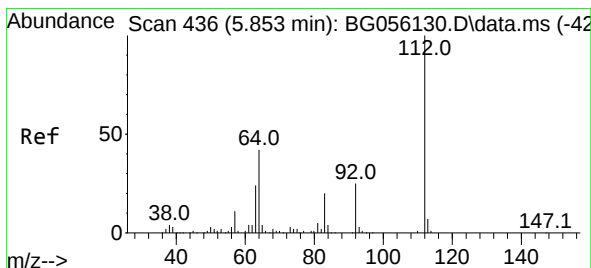
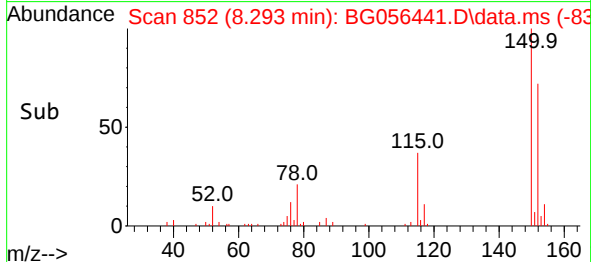
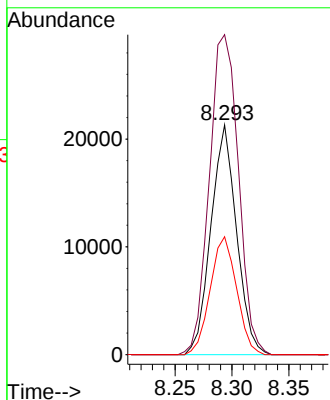
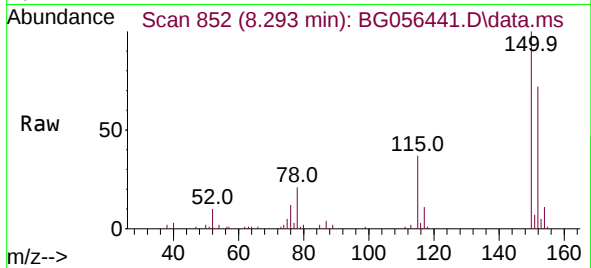




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056441.D
Acq: 26 Jan 2023 13:43

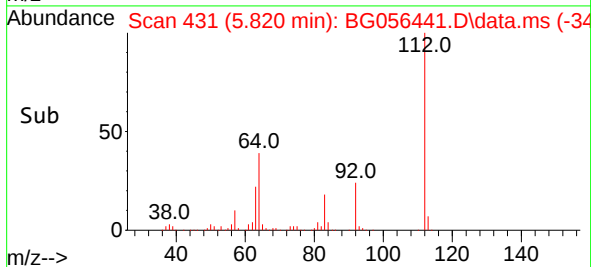
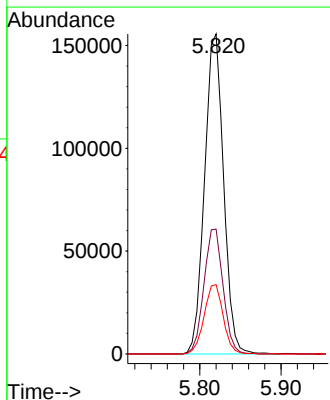
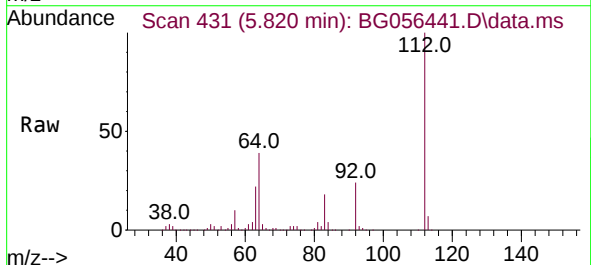
Instrument :
BNA_G
ClientSampleId :
MH-10

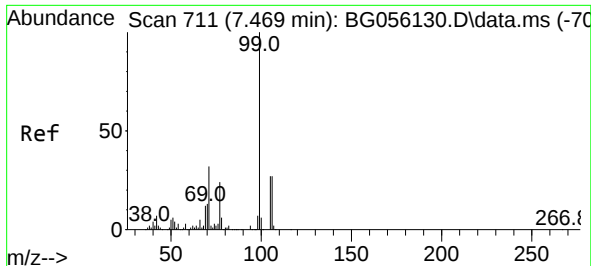
Tgt Ion:152 Resp: 33460
Ion Ratio Lower Upper
152 100
150 139.3 127.9 191.9
115 51.3 44.2 66.2



#5
2-Fluorophenol
Concen: 135.129 ng
RT: 5.820 min Scan# 431
Delta R.T. 0.006 min
Lab File: BG056441.D
Acq: 26 Jan 2023 13:43

Tgt Ion:112 Resp: 253230
Ion Ratio Lower Upper
112 100
64 39.0 33.3 49.9
63 21.6 19.0 28.4

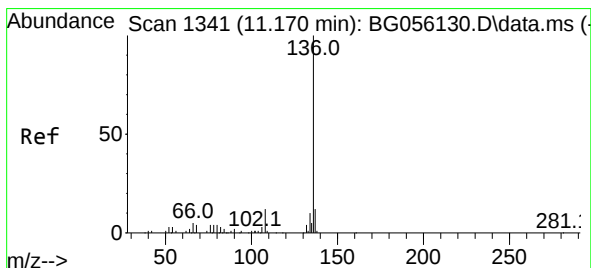
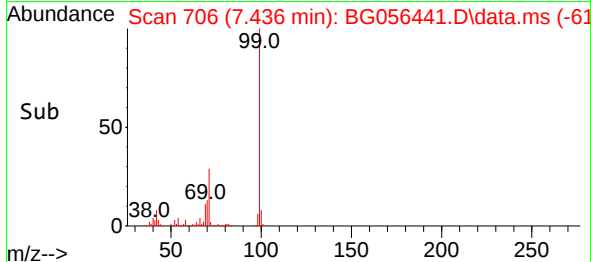
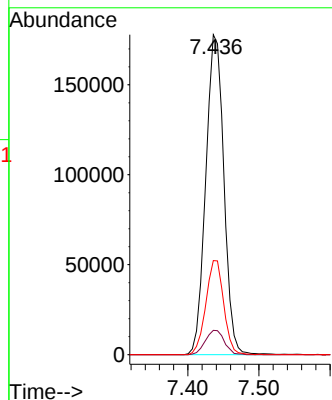
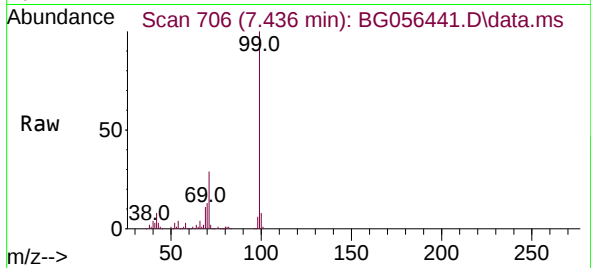




#7
Phenol-d6
Concen: 109.173 ng
RT: 7.436 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056441.D
Acq: 26 Jan 2023 13:43

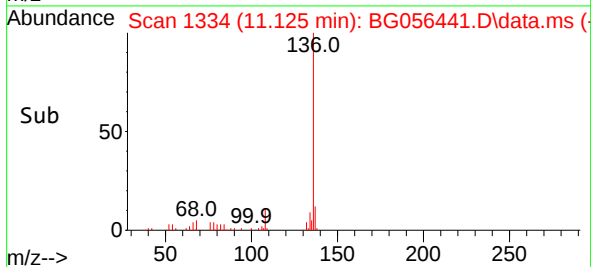
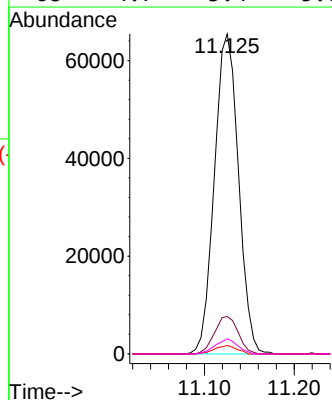
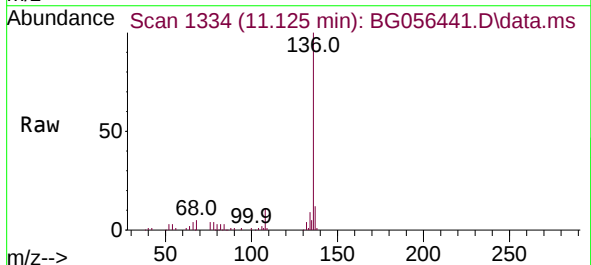
Instrument :
BNA_G
ClientSampleId :
MH-10

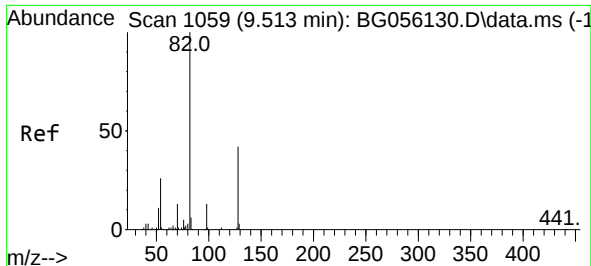
Tgt Ion: 99 Resp: 314191
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 29.4 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BG056441.D
Acq: 26 Jan 2023 13:43

Tgt Ion: 136 Resp: 122478
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.6 2.2 3.2
68 4.7 3.4 5.0





#23

Nitrobenzene-d5

Concen: 79.346 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BG056441.D

Acq: 26 Jan 2023 13:43

Instrument :

BNA_G

ClientSampleId :

MH-10

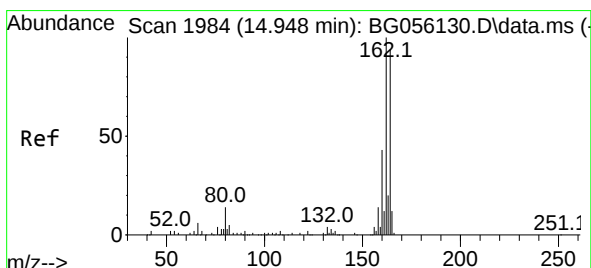
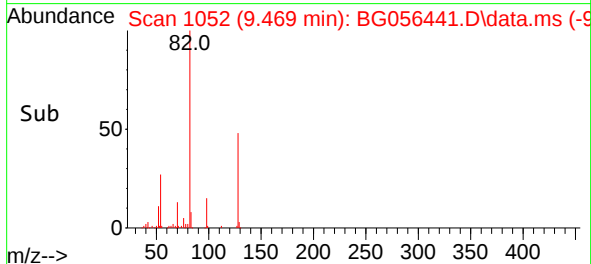
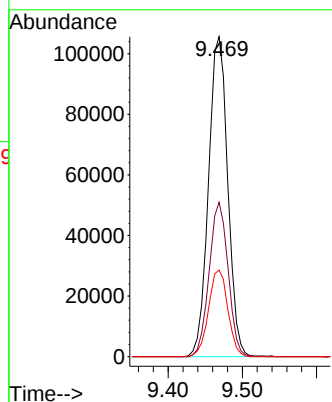
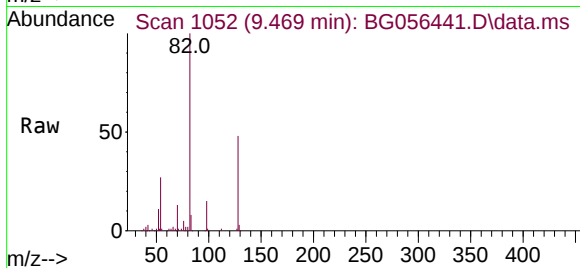
Tgt Ion: 82 Resp: 189986

Ion Ratio Lower Upper

82 100

128 48.2 33.4 50.2

54 27.0 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.909 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BG056441.D

Acq: 26 Jan 2023 13:43

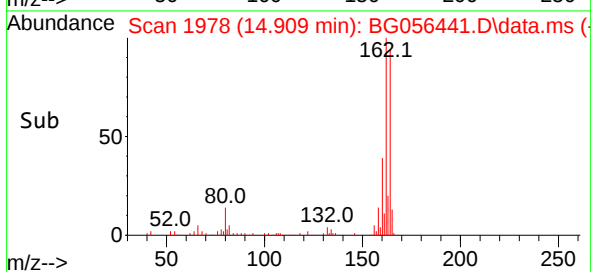
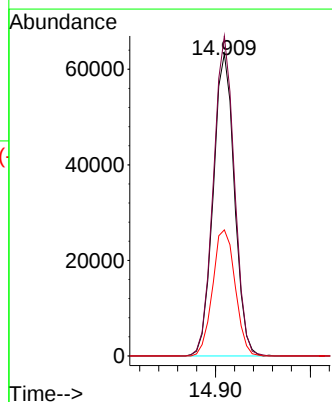
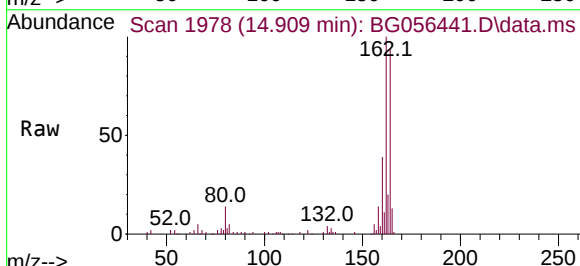
Tgt Ion:164 Resp: 97950

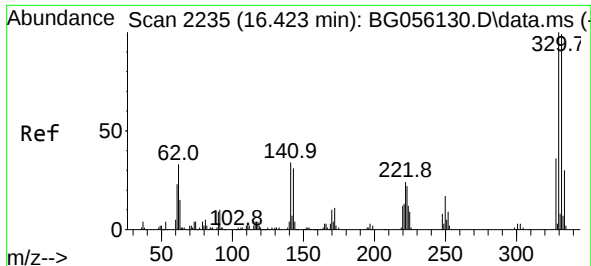
Ion Ratio Lower Upper

164 100

162 105.9 84.7 127.1

160 41.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 164.441 ng

RT: 16.390 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056441.D

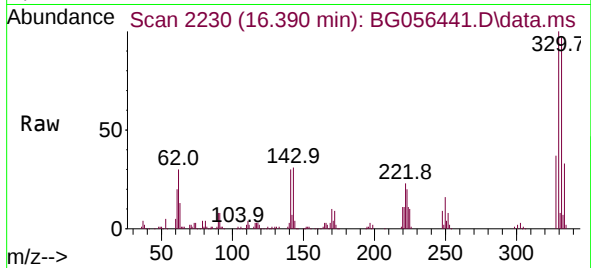
Acq: 26 Jan 2023 13:43

Instrument :

BNA_G

ClientSampleId :

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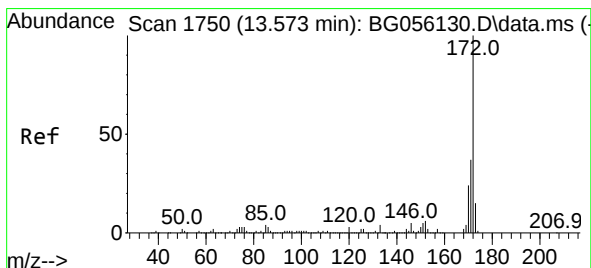
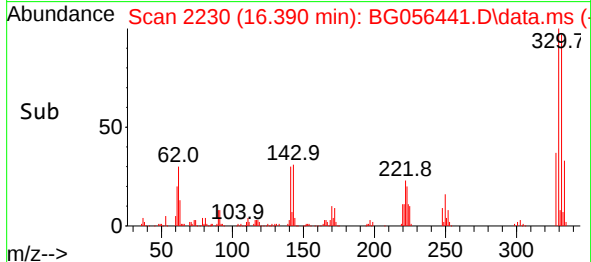
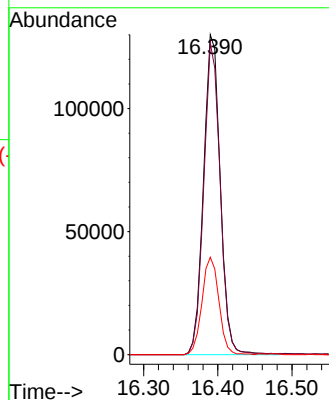
Tgt Ion:330 Resp: 203992

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 30.6 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 90.422 ng

RT: 13.534 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BG056441.D

Acq: 26 Jan 2023 13:43

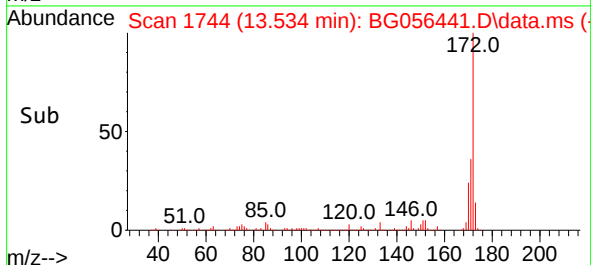
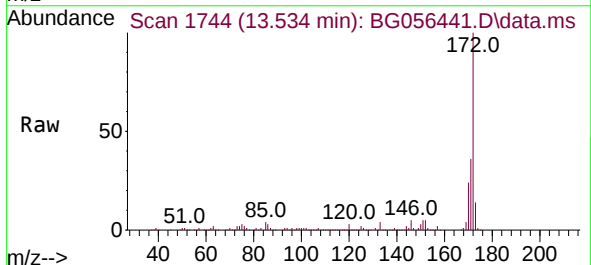
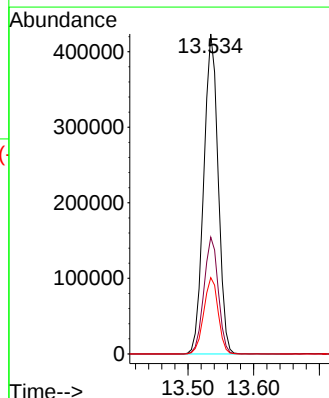
Tgt Ion:172 Resp: 641380

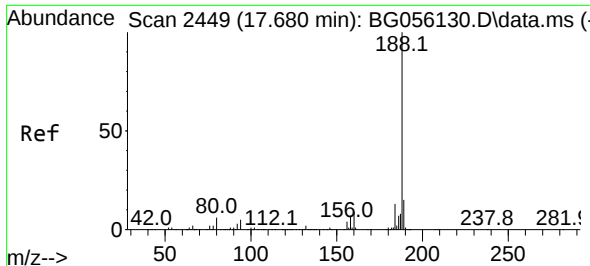
Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 23.8 19.4 29.2

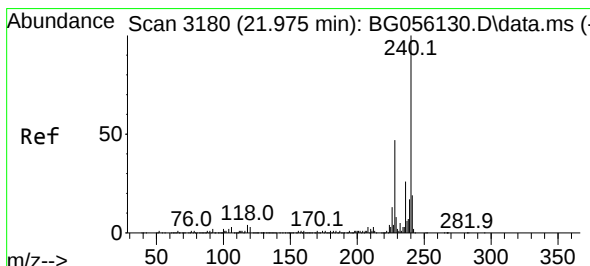
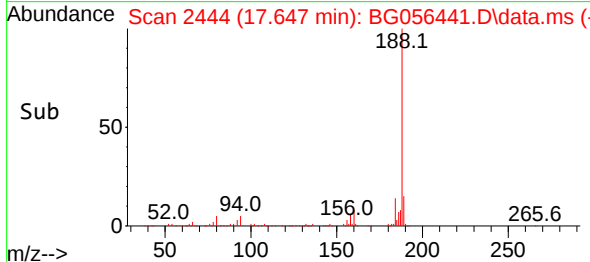
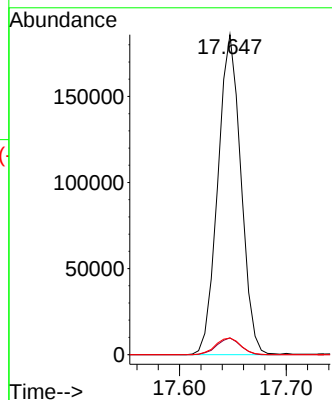
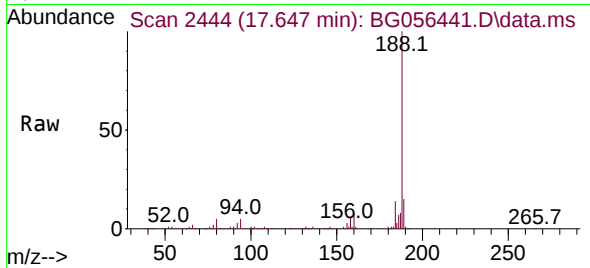




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG056441.D
Acq: 26 Jan 2023 13:43

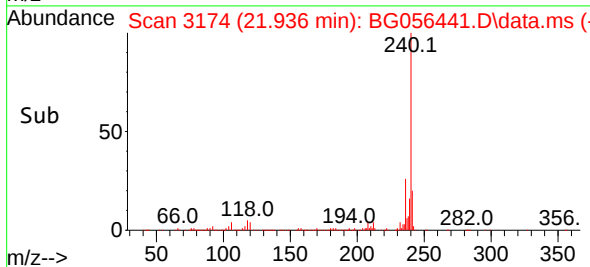
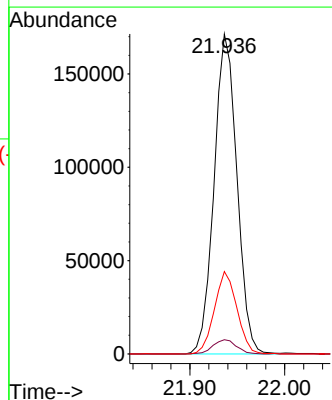
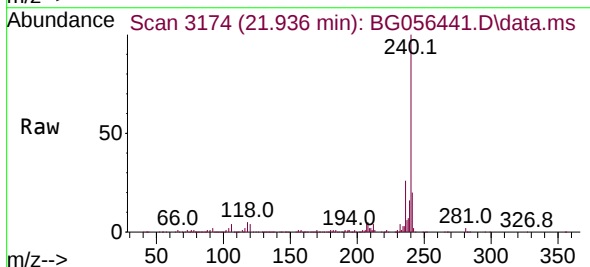
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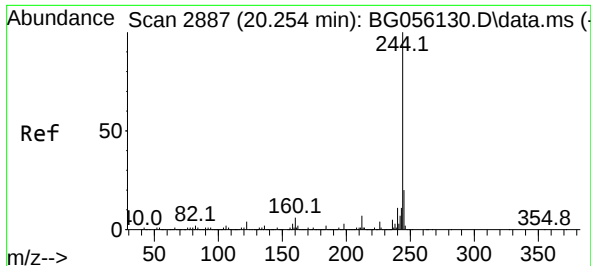
Tgt Ion:188 Resp: 280027
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.2 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG056441.D
Acq: 26 Jan 2023 13:43

Tgt Ion:240 Resp: 286793
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.7 20.8 31.2

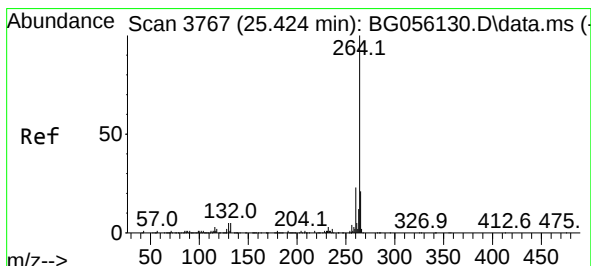
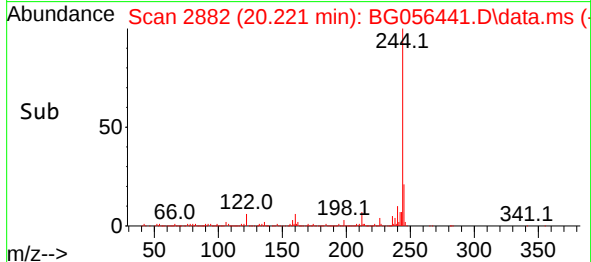
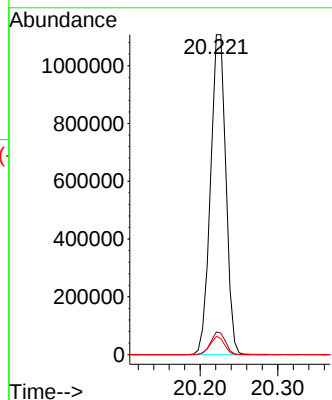
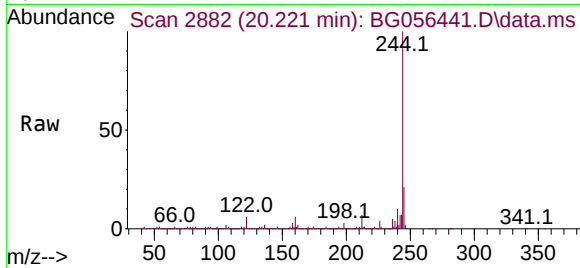




#79
 Terphenyl-d14
 Concen: 94.772 ng
 RT: 20.221 min Scan# 2887
 Delta R.T. -0.006 min
 Lab File: BG056441.D
 Acq: 26 Jan 2023 13:43

Instrument :
 BNA_G
 ClientSampleId :
 MH-10

Tgt Ion:244 Resp: 1517539
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.7 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.368 min Scan# 3758
 Delta R.T. -0.006 min
 Lab File: BG056441.D
 Acq: 26 Jan 2023 13:43

Tgt Ion:264 Resp: 304435
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.3 16.7 25.1

