

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056356.D
 Acq On : 19 Jan 2023 21:10
 Operator : CG/JU
 Sample : 01220-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Quant Time: Jan 20 01:37:28 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	8.306	152	38996	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	147813	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	116662	20.000	ng	0.00
64) Phenanthrene-d10	17.654	188	300791	20.000	ng	0.00
76) Chrysene-d12	21.949	240	279688	20.000	ng	# 0.00
86) Perylene-d12	25.386	264	300963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	211640	96.903	ng	0.00
7) Phenol-d6	7.443	99	294261	87.733	ng	0.00
23) Nitrobenzene-d5	9.475	82	155518	53.818	ng	-0.01
42) 2,4,6-Tribromophenol	16.397	330	144952	98.106	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	491045	58.124	ng	0.00
79) Terphenyl-d14	20.228	244	951052	60.903	ng	0.00

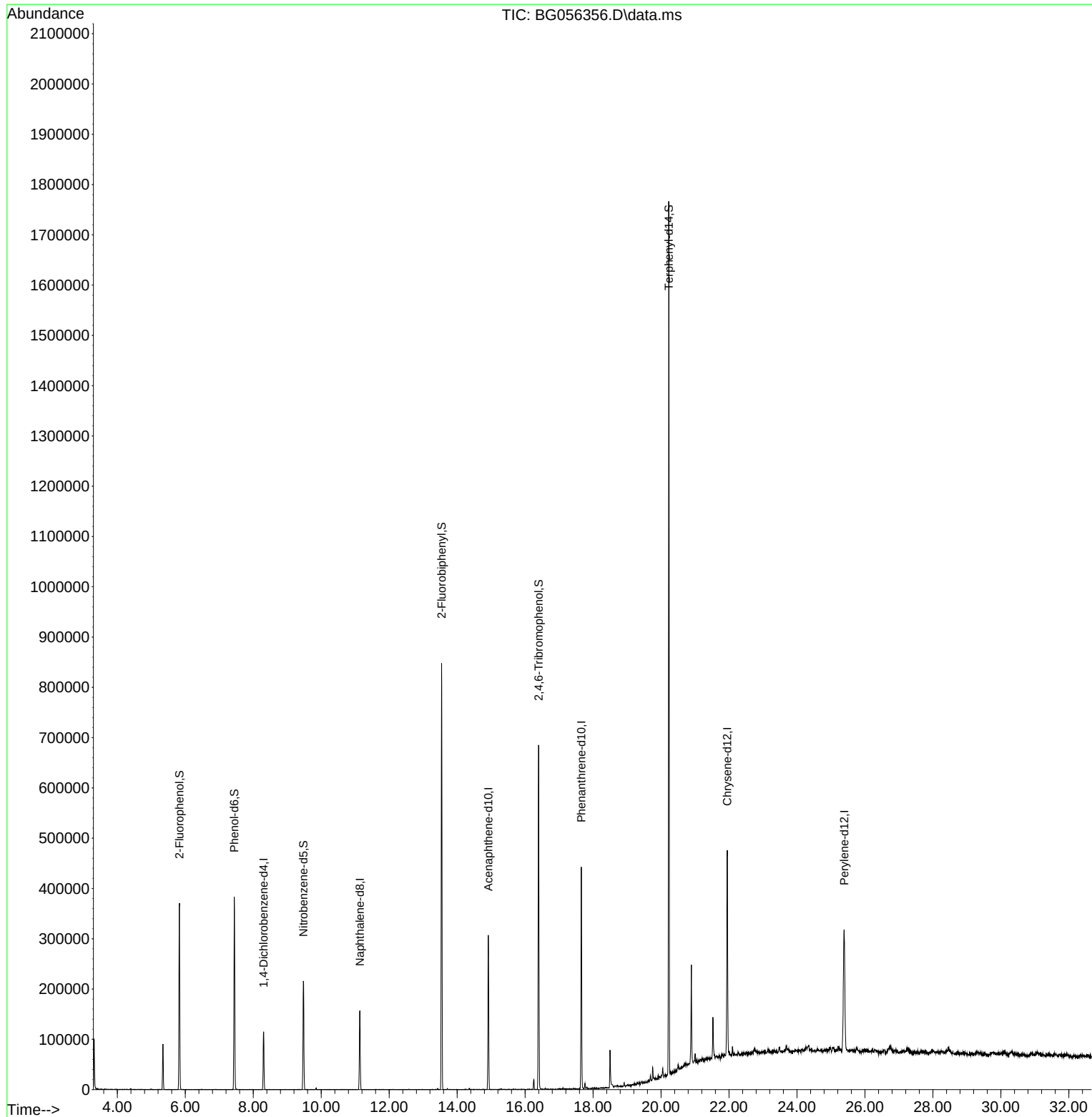
Target Compounds Qvalue

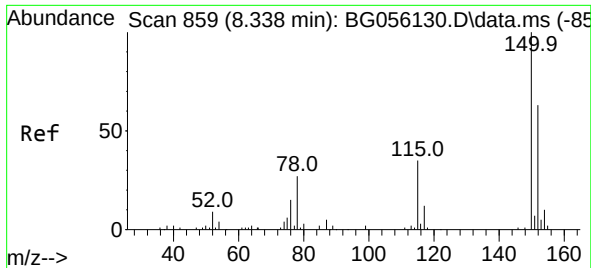
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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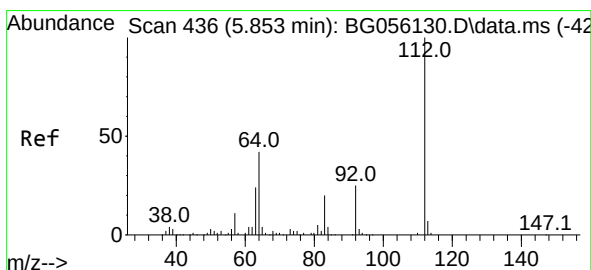
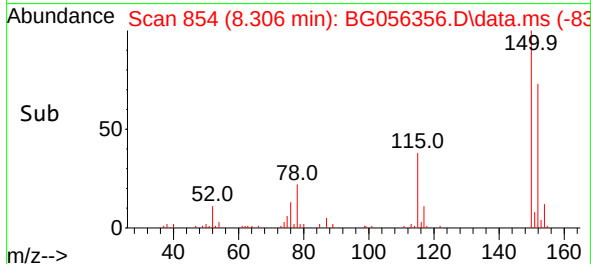
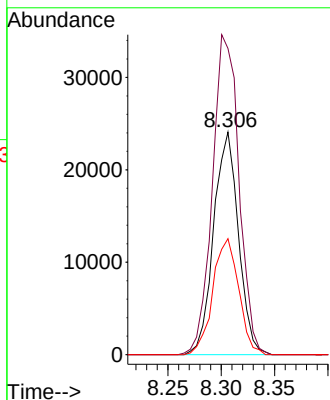
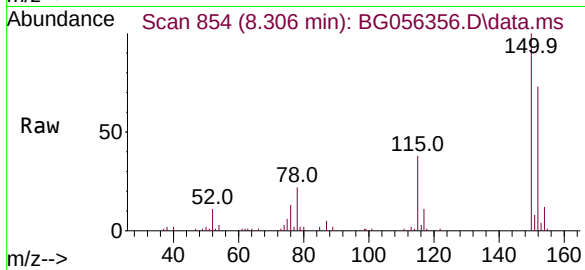




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056356.D
Acq: 19 Jan 2023 21:10

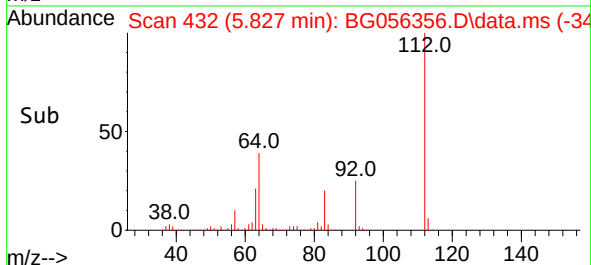
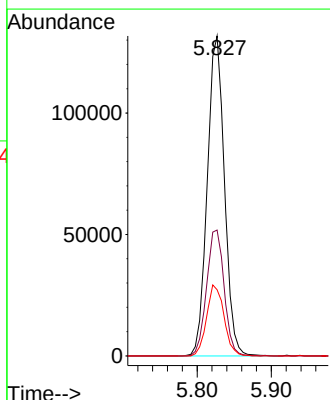
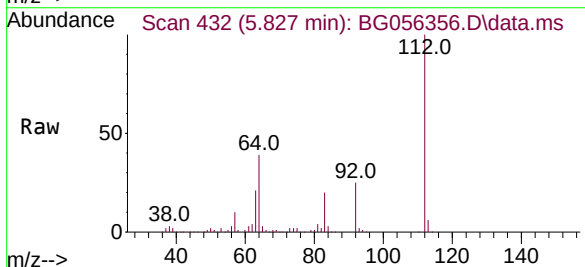
Instrument :
BNA_G
ClientSampleId :
TP-G

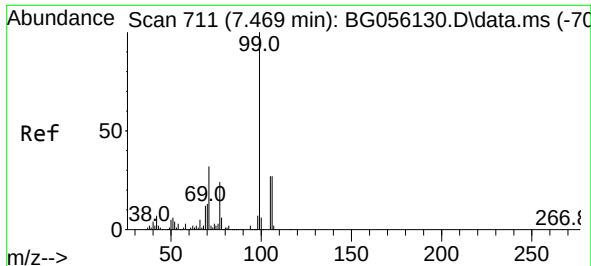
Tgt Ion:152 Resp: 38996
Ion Ratio Lower Upper
152 100
150 137.6 127.9 191.9
115 52.1 44.2 66.2



#5
2-Fluorophenol
Concen: 96.903 ng
RT: 5.827 min Scan# 432
Delta R.T. 0.000 min
Lab File: BG056356.D
Acq: 19 Jan 2023 21:10

Tgt Ion:112 Resp: 211640
Ion Ratio Lower Upper
112 100
64 39.3 33.3 49.9
63 20.7 19.0 28.4

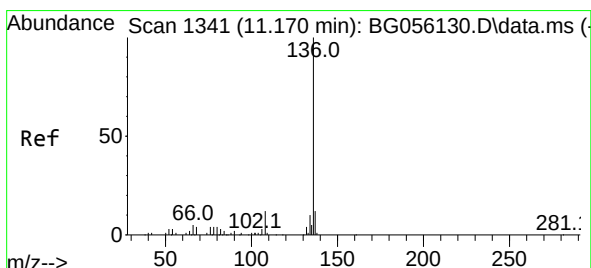
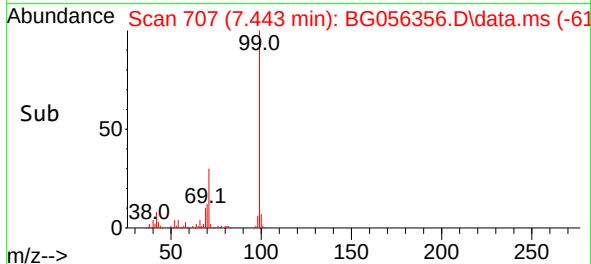
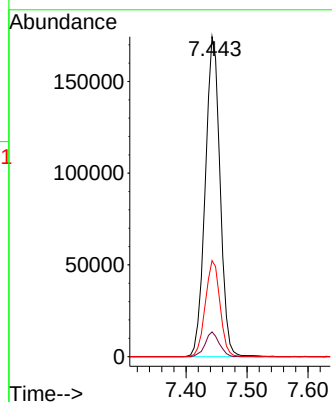
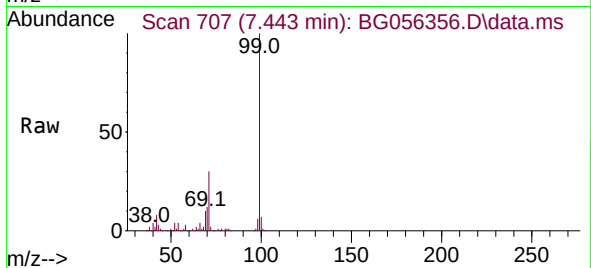




#7
Phenol-d6
Concen: 87.733 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG056356.D
Acq: 19 Jan 2023 21:10

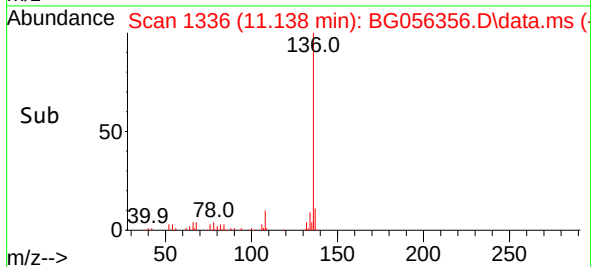
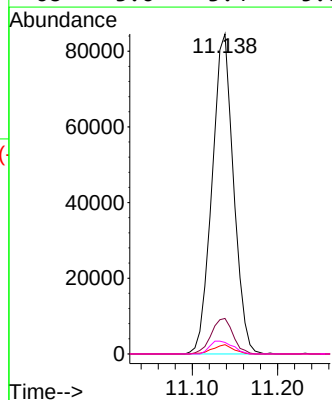
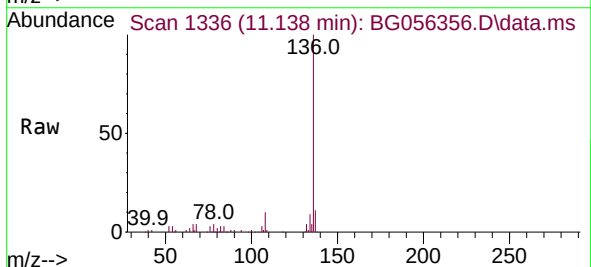
Instrument :
BNA_G
ClientSampleId :
TP-G

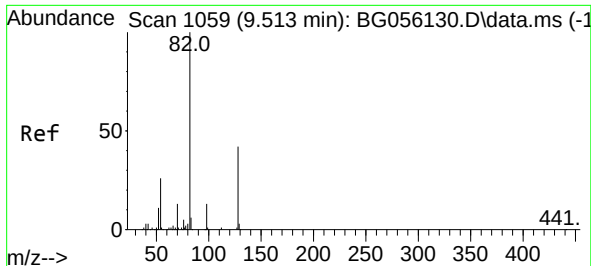
Tgt Ion: 99 Resp: 294261
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 30.0 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BG056356.D
Acq: 19 Jan 2023 21:10

Tgt Ion: 136 Resp: 147813
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.9 2.2 3.2
68 3.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 53.818 ng

RT: 9.475 min Scan# 1053

Delta R.T. -0.011 min

Lab File: BG056356.D

Acq: 19 Jan 2023 21:10

Instrument :

BNA_G

ClientSampleId :

TP-G

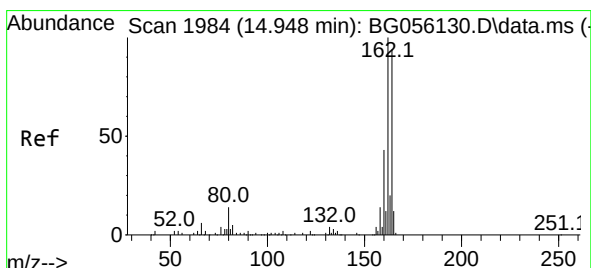
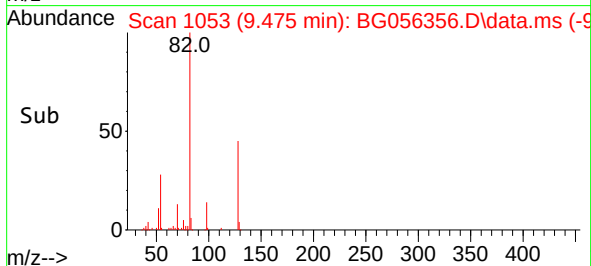
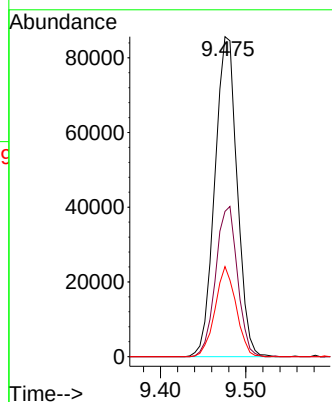
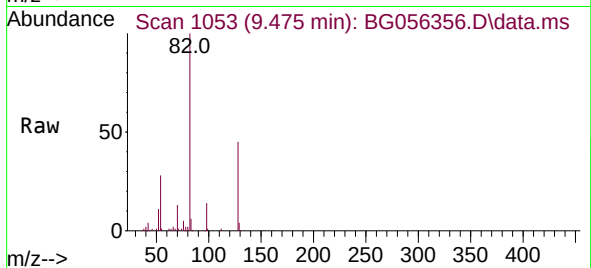
Tgt Ion: 82 Resp: 155518

Ion Ratio Lower Upper

82 100

128 45.4 33.4 50.2

54 28.1 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.916 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BG056356.D

Acq: 19 Jan 2023 21:10

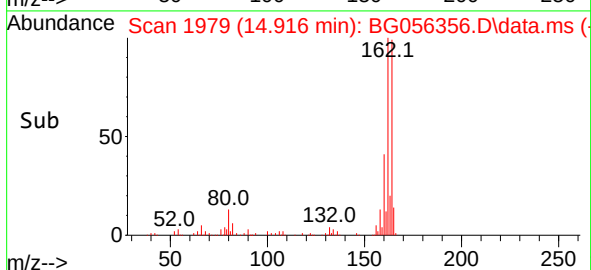
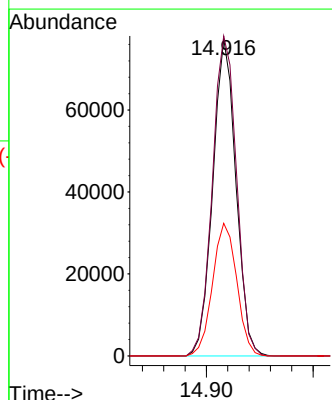
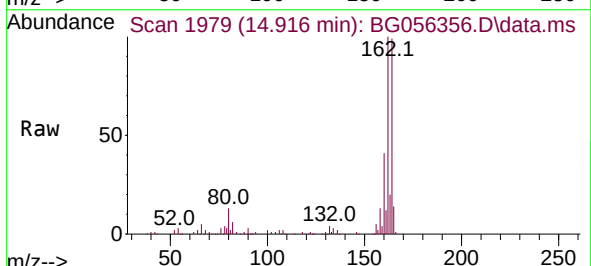
Tgt Ion:164 Resp: 116662

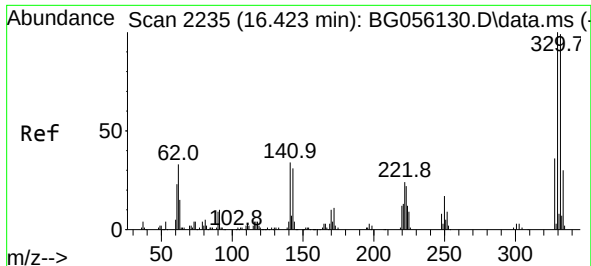
Ion Ratio Lower Upper

164 100

162 100.9 84.7 127.1

160 41.8 36.3 54.5

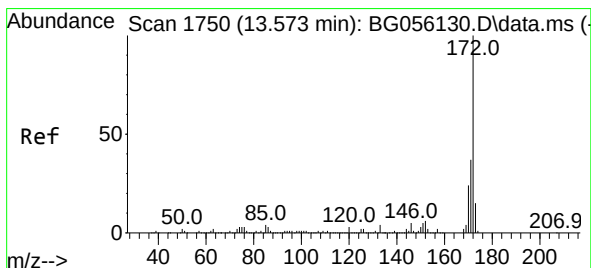
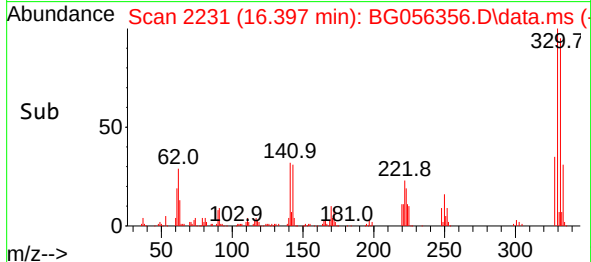
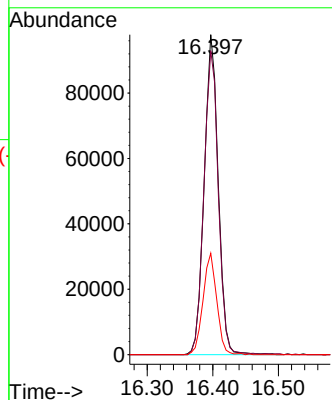
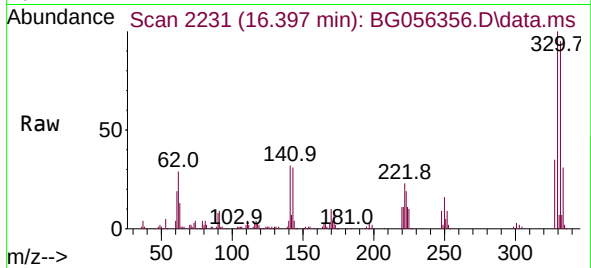




#42
 2,4,6-Tribromophenol
 Concen: 98.106 ng
 RT: 16.397 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056356.D
 Acq: 19 Jan 2023 21:10

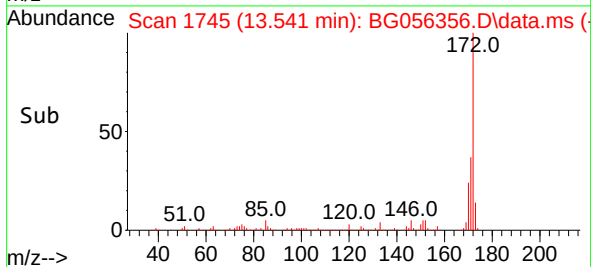
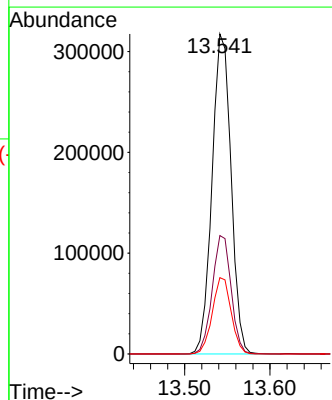
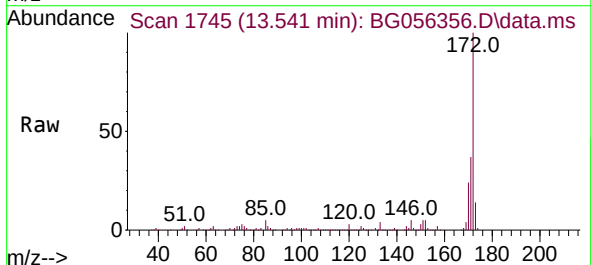
Instrument :
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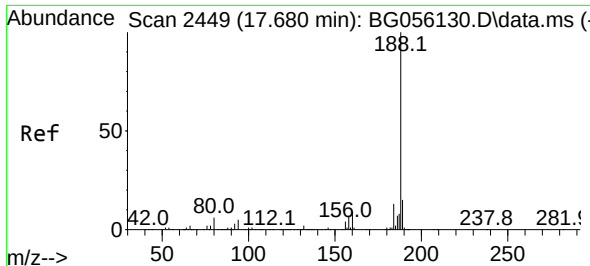
Tgt Ion:330 Resp: 144952
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.3 115.9
 141 30.8 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 58.124 ng
 RT: 13.541 min Scan# 1745
 Delta R.T. -0.006 min
 Lab File: BG056356.D
 Acq: 19 Jan 2023 21:10

Tgt Ion:172 Resp: 491045
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 23.8 19.4 29.2

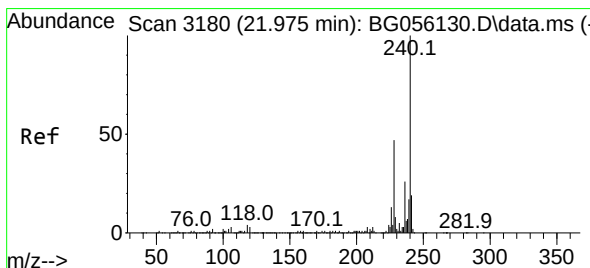
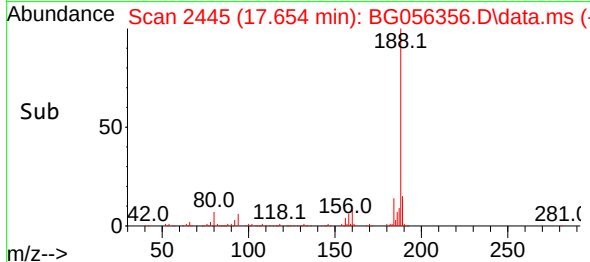
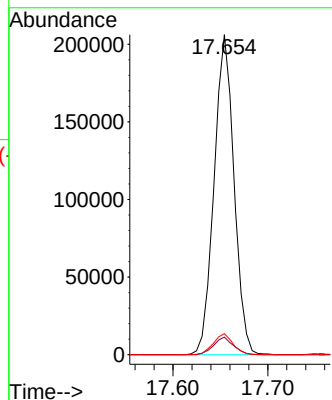
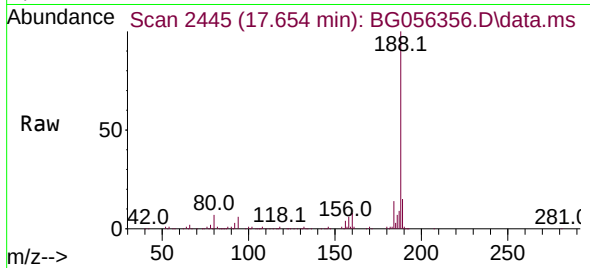




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.654 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056356.D
Acq: 19 Jan 2023 21:10

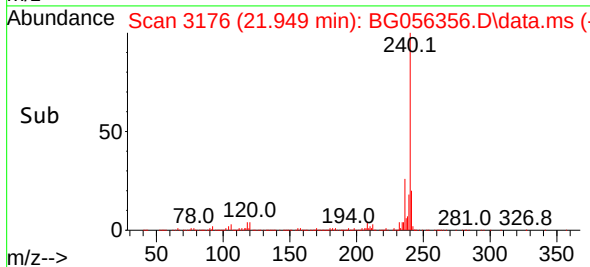
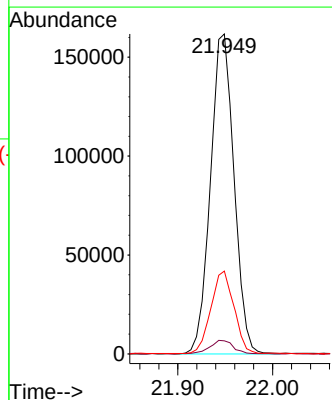
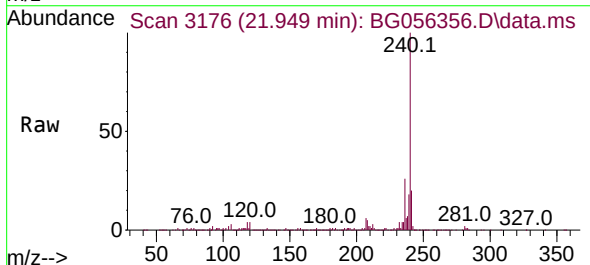
Instrument :
BNA_G
ClientSampleId :
TP-G

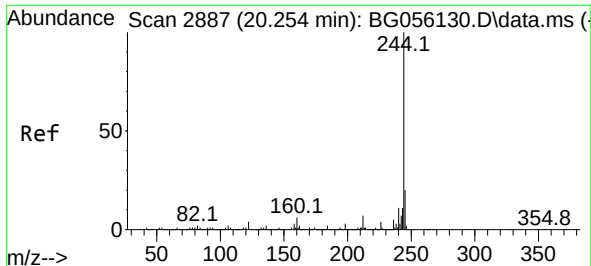
Tgt Ion:188 Resp: 300791
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 6.5 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.949 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056356.D
Acq: 19 Jan 2023 21:10

Tgt Ion:240 Resp: 279688
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 25.9 20.8 31.2



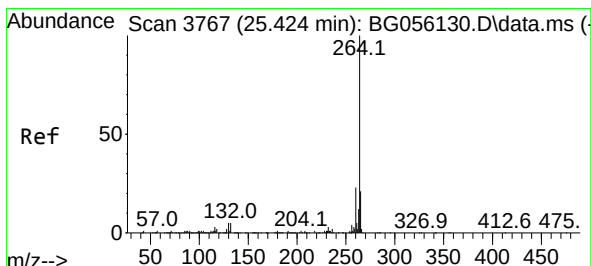
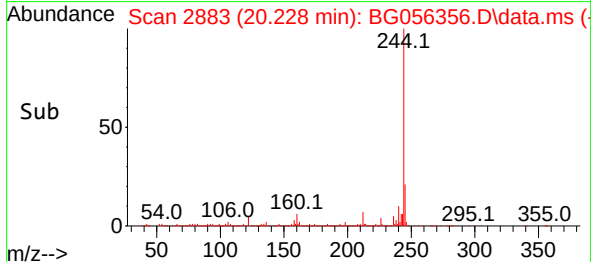
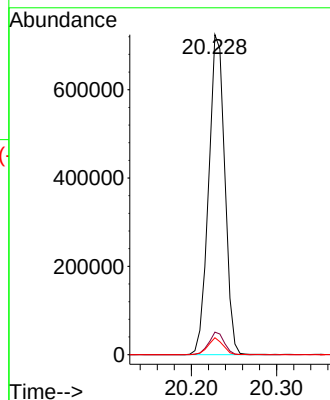
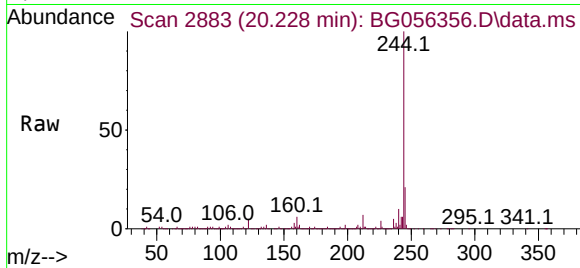


#79
 Terphenyl-d14
 Concen: 60.903 ng
 RT: 20.228 min Scan# 2883
 Delta R.T. -0.006 min
 Lab File: BG056356.D
 Acq: 19 Jan 2023 21:10

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 951052

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	5.3	3.5	5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.386 min Scan# 3761
 Delta R.T. -0.006 min
 Lab File: BG056356.D
 Acq: 19 Jan 2023 21:10

Tgt Ion:264 Resp: 300963

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.4	16.7	25.1

