

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056349.D
 Acq On : 19 Jan 2023 16:20
 Operator : CG/JU
 Sample : 01209-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP-03

Quant Time: Jan 20 01:35:10 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	8.305	152	41258	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	148055	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	111212	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	282395	20.000	ng	0.00
76) Chrysene-d12	21.948	240	279805	20.000	ng	# 0.00
86) Perylene-d12	25.385	264	308872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	154067	66.675	ng	0.00
7) Phenol-d6	7.442	99	126976	35.782	ng	0.00
23) Nitrobenzene-d5	9.480	82	239779	82.841	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	206718	146.767	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	714600	88.731	ng	0.00
79) Terphenyl-d14	20.233	244	1313822	84.099	ng	0.00

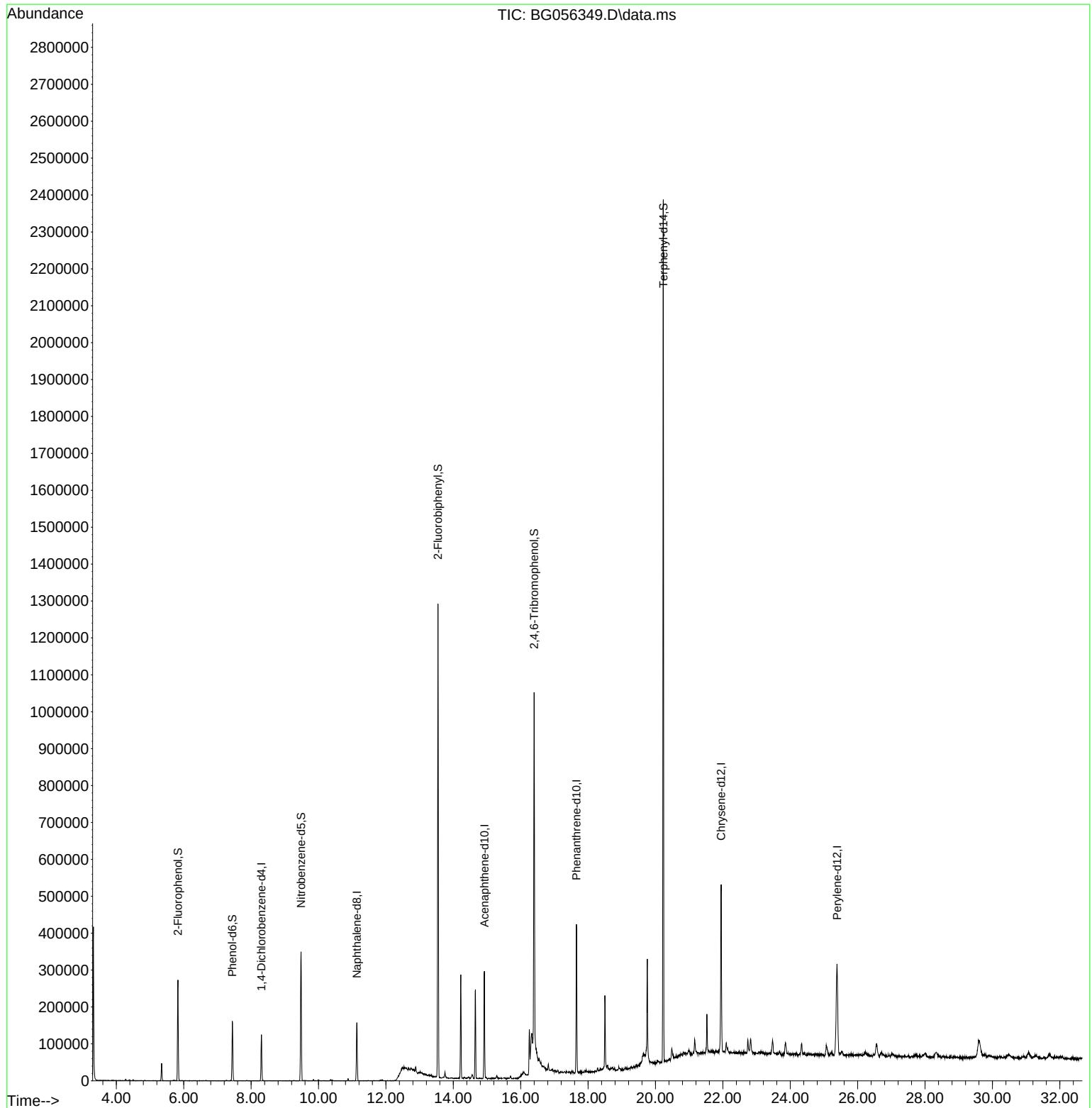
Target Compounds Qvalue

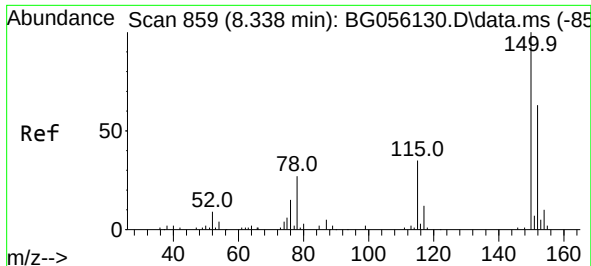
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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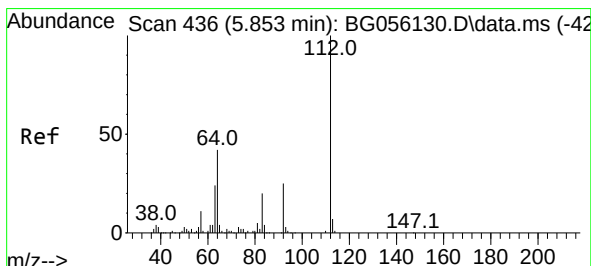
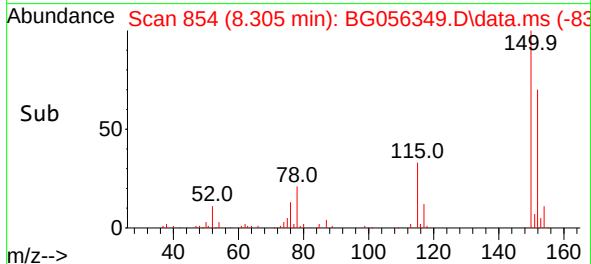
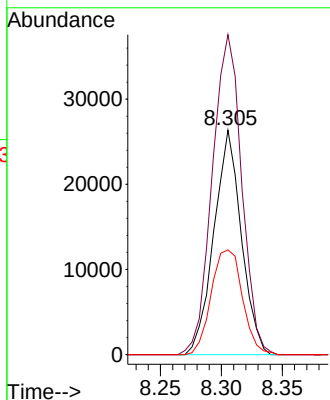
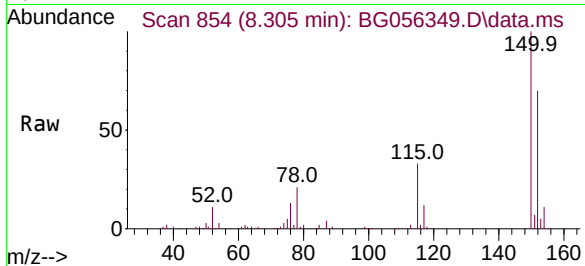




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 859
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

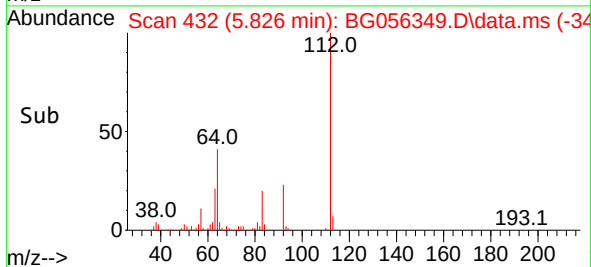
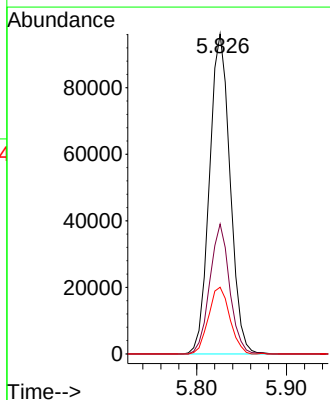
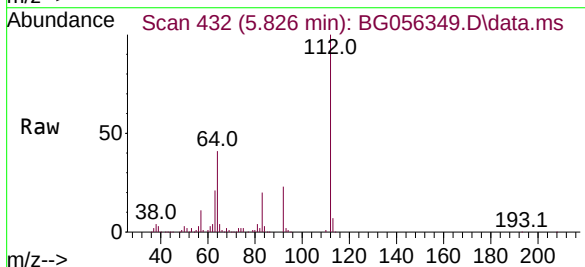
Instrument :
BNA_G
ClientSampleId :
TWP-03

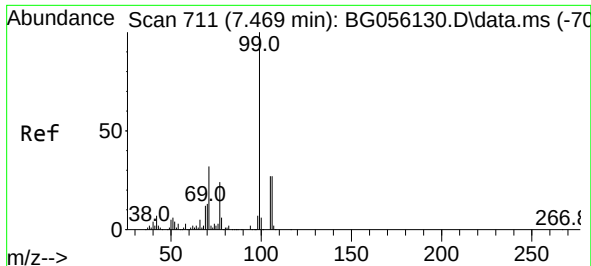
Tgt Ion:152 Resp: 41258
Ion Ratio Lower Upper
152 100
150 142.6 127.9 191.9
115 46.7 44.2 66.2



#5
2-Fluorophenol
Concen: 66.675 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

Tgt Ion:112 Resp: 154067
Ion Ratio Lower Upper
112 100
64 40.6 33.3 49.9
63 20.8 19.0 28.4

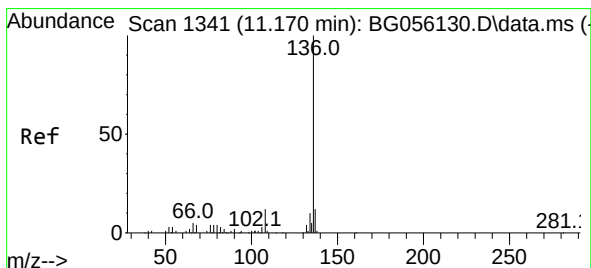
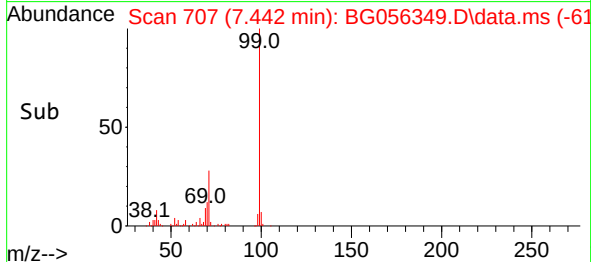
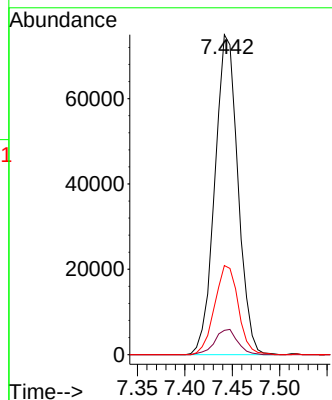
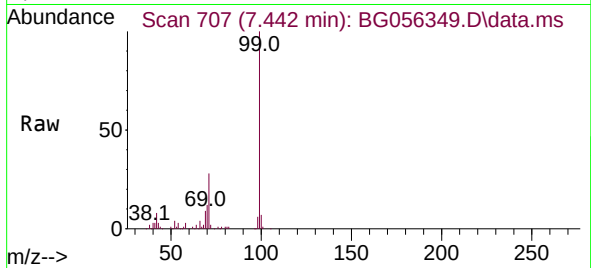




#7
Phenol-d6
Concen: 35.782 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

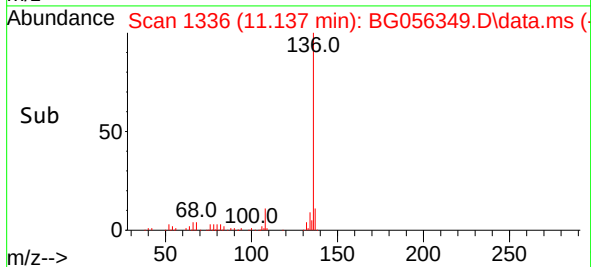
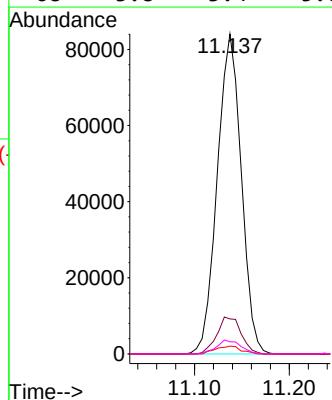
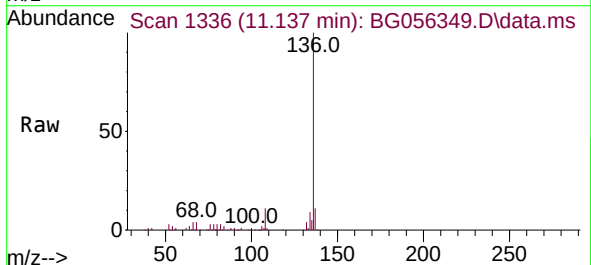
Instrument :
BNA_G
ClientSampleId :
TWP-03

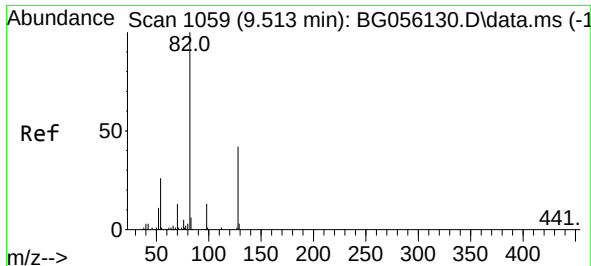
Tgt Ion: 99 Resp: 126976
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 27.8 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

Tgt Ion: 136 Resp: 148055
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.4 2.2 3.2
68 3.8 3.4 5.0





#23

Nitrobenzene-d5

Concen: 82.841 ng

RT: 9.480 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BG056349.D

Acq: 19 Jan 2023 16:20

Instrument :

BNA_G

ClientSampleId :

TWP-03

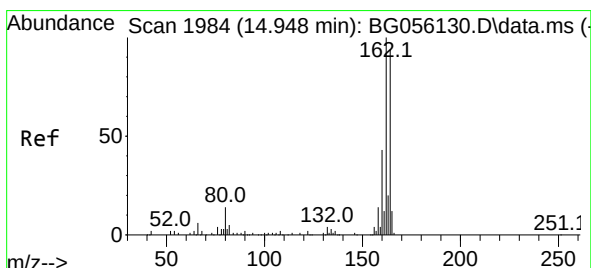
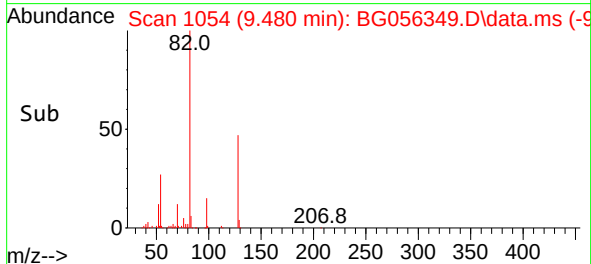
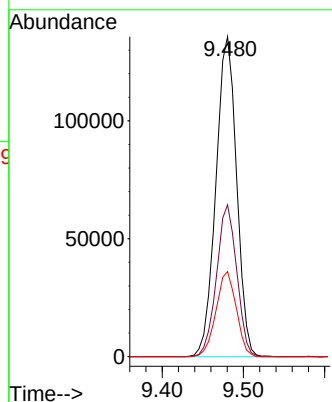
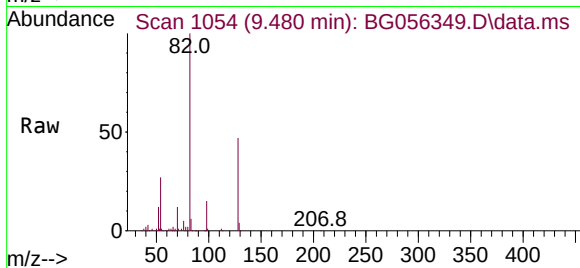
Tgt Ion: 82 Resp: 239779

Ion Ratio Lower Upper

82 100

128 47.4 33.4 50.2

54 26.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1980

Delta R.T. -0.001 min

Lab File: BG056349.D

Acq: 19 Jan 2023 16:20

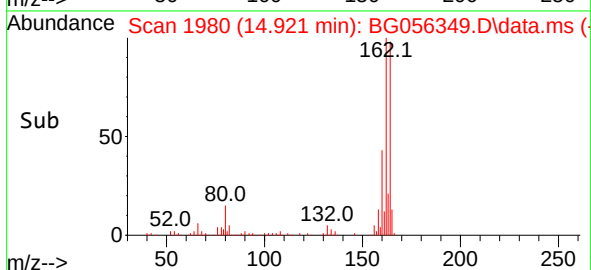
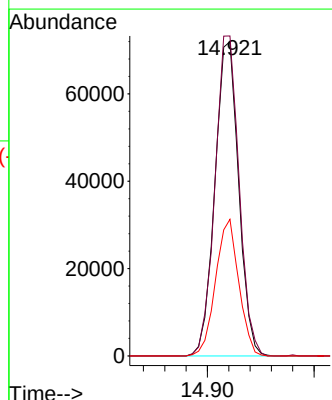
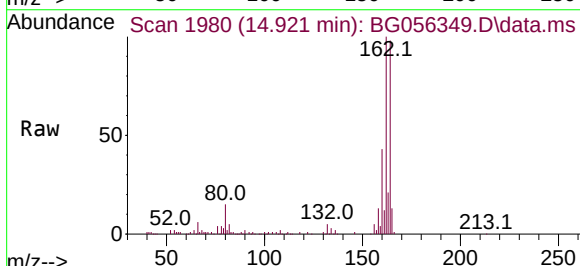
Tgt Ion: 164 Resp: 111212

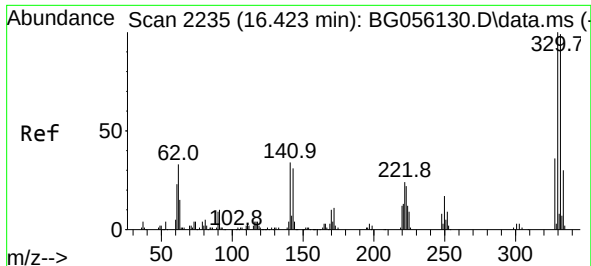
Ion Ratio Lower Upper

164 100

162 101.8 84.7 127.1

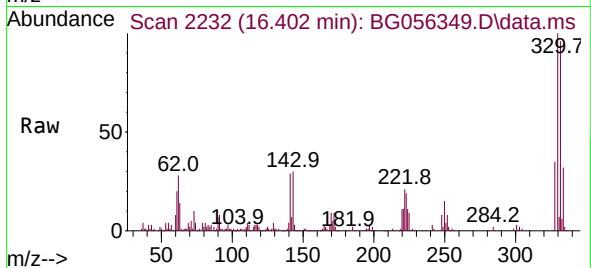
160 43.5 36.3 54.5



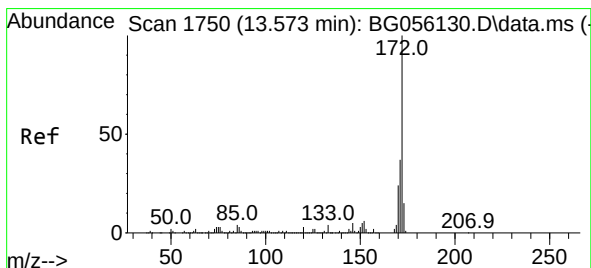
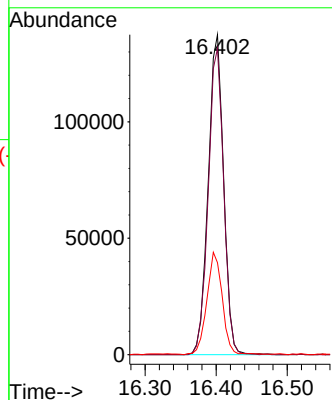
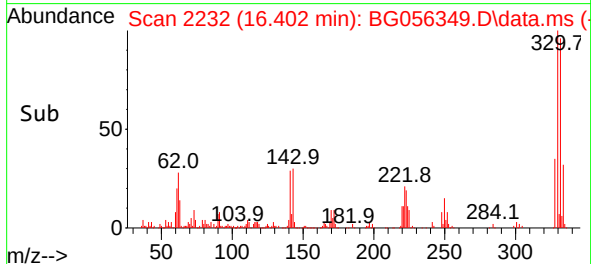


#42
2,4,6-Tribromophenol
Concen: 146.767 ng
RT: 16.402 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

Instrument :
BNA_G
ClientSampleId :
TWP-03

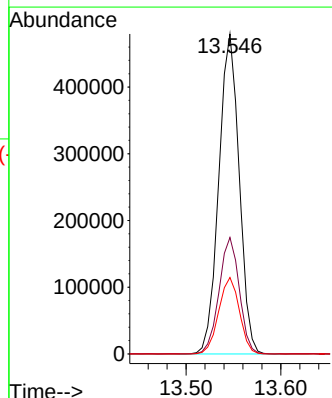
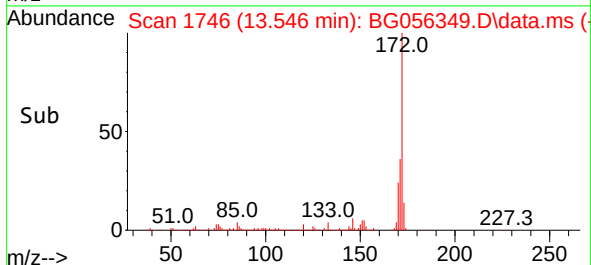
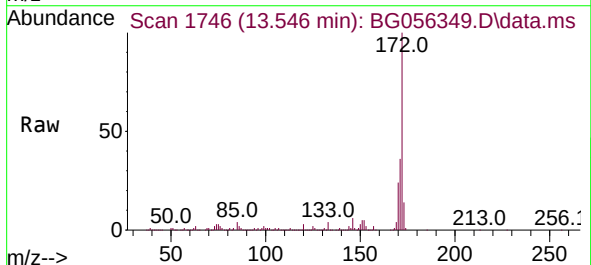


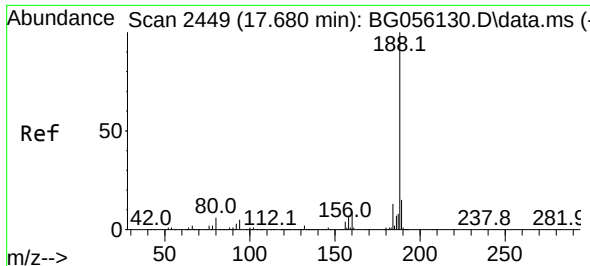
Tgt Ion:330 Resp: 206718
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 32.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 88.731 ng
RT: 13.546 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

Tgt Ion:172 Resp: 714600
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.9 19.4 29.2

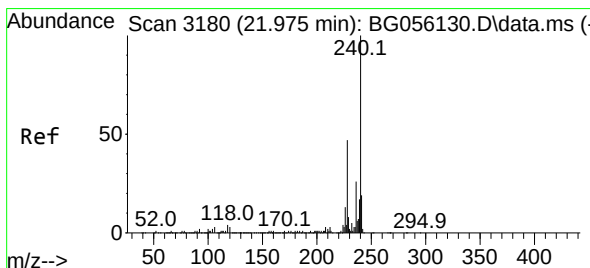
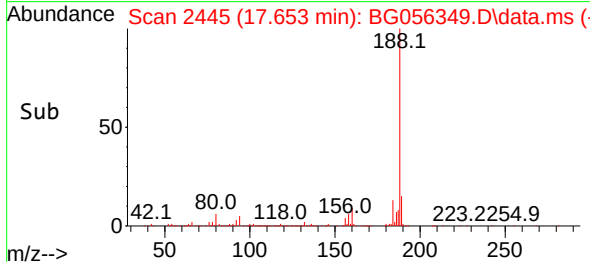
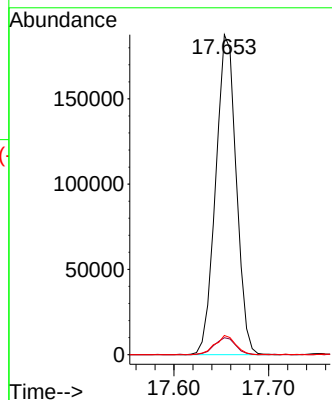
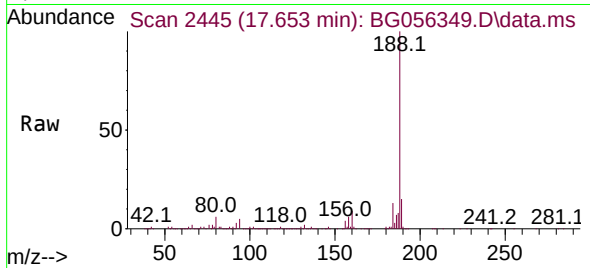




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

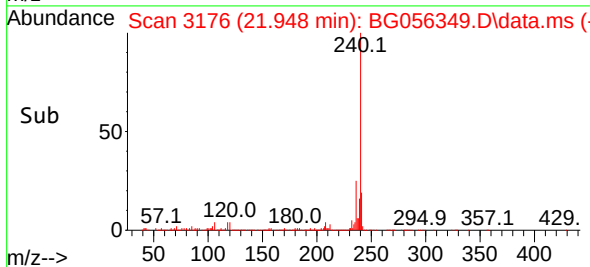
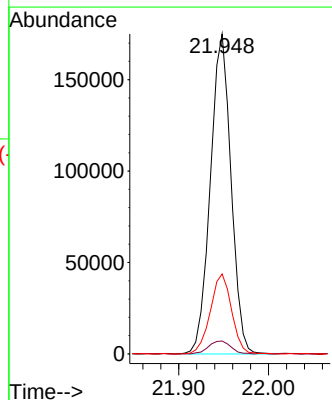
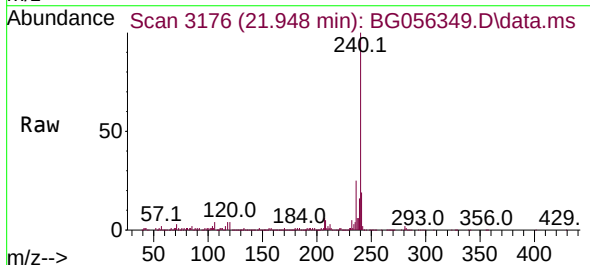
Instrument :
BNA_G
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TWP-03

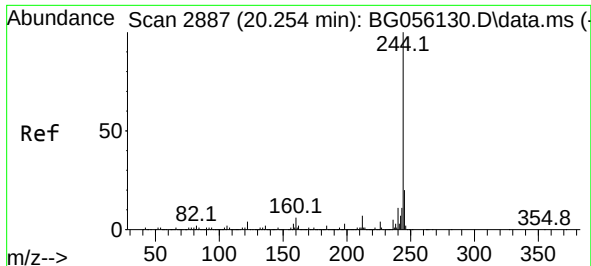
Tgt Ion:188 Resp: 282395
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 6.0 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

Tgt Ion:240 Resp: 279805
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 25.0 20.8 31.2

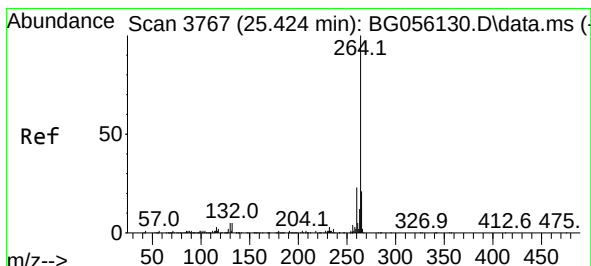
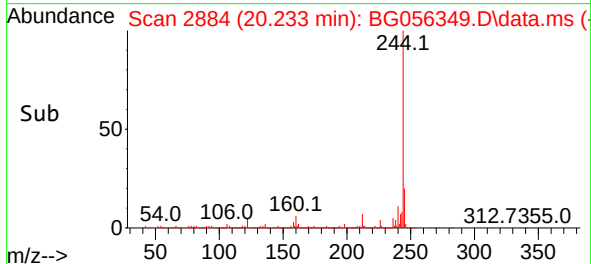
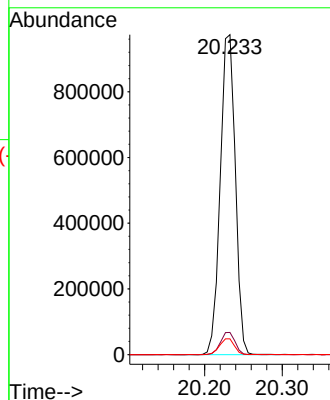
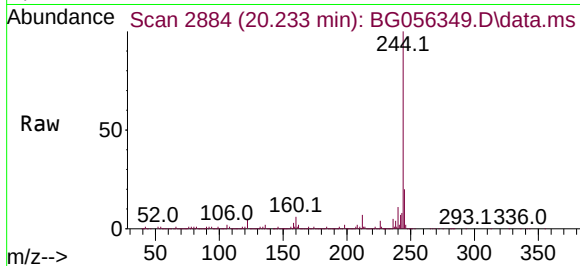




#79
 Terphenyl-d14
 Concen: 84.099 ng
 RT: 20.233 min Scan# 2884
 Delta R.T. -0.001 min
 Lab File: BG056349.D
 Acq: 19 Jan 2023 16:20

Instrument :
 BNA_G
 ClientSampleId :
 TWP-03

Tgt Ion:244 Resp: 1313822
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 3761
 Delta R.T. -0.006 min
 Lab File: BG056349.D
 Acq: 19 Jan 2023 16:20

Tgt Ion:264 Resp: 308872
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 20.9 16.7 25.1

