

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)

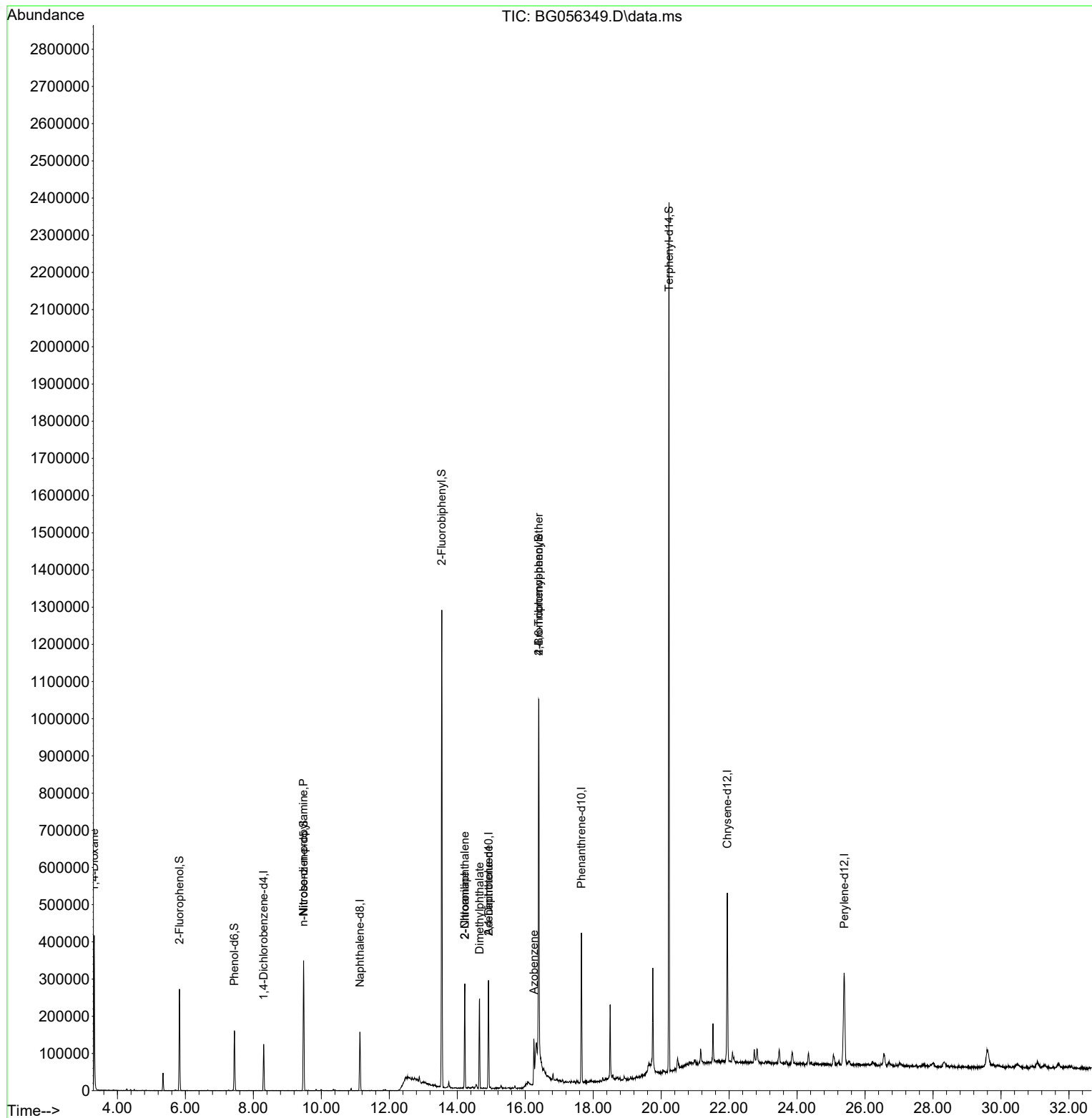
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	41258	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	148055	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	111212	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	282395	20.000	ng	0.00
76) Chrysene-d12	21.948	240	279805	20.000	ng	# 0.00
86) Perylene-d12	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
2) 1,4-Dioxane	3.317	88	4171	3.952	ng	# 1
19) n-Nitroso-di-n-propyla...	9.475	70	29722	13.774	ng	# 76
47) 2-Chloronaphthalene	14.222	162	20655	3.286	ng	# 43
48) 2-Nitroaniline	14.222	65	6019	4.494	ng	# 12
50) Dimethylphthalate	14.657	163	147403	16.419	ng	# 96
57) 2,4-Dinitrotoluene	14.921	165	14660	5.480	ng	# 29
63) Azobenzene	16.255	77	32045	4.932	ng	# 1
67) 4-Bromophenyl-phenylether	16.402	248	15904	4.423	ng	# 1

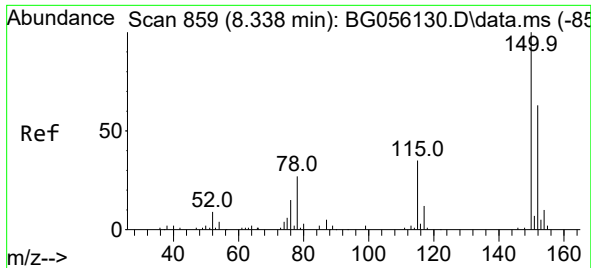
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
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Quant Time: Jan 20 01:35:10 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

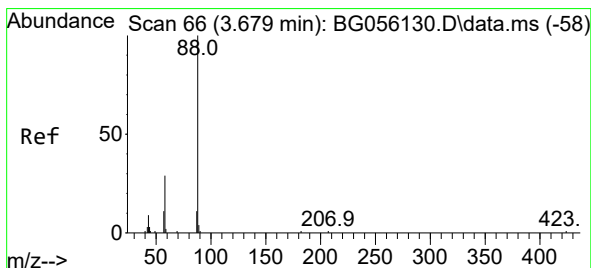
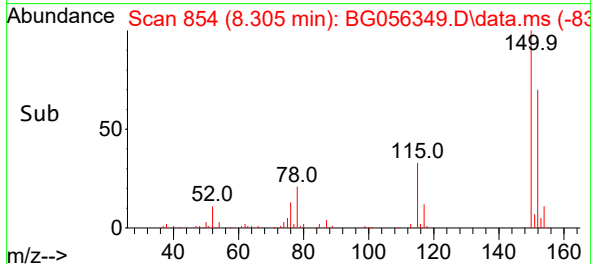
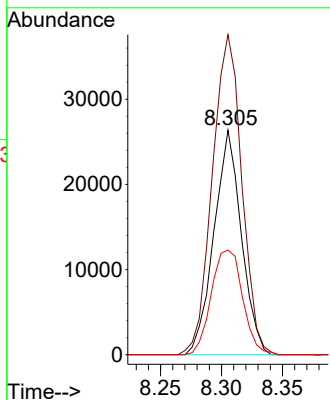
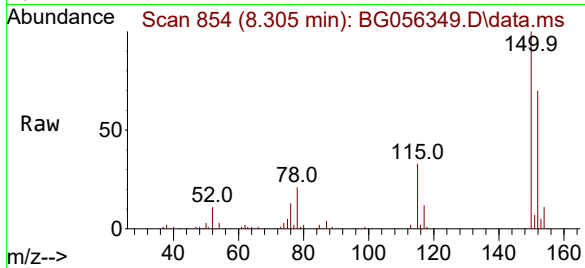




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

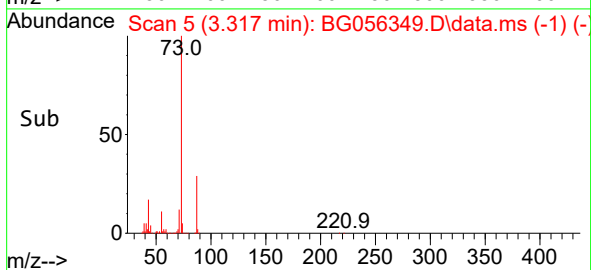
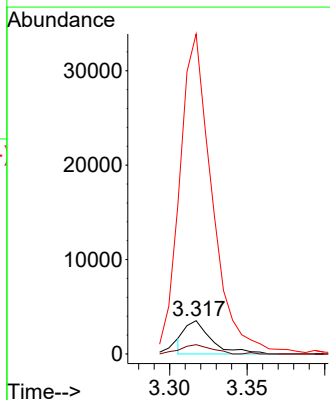
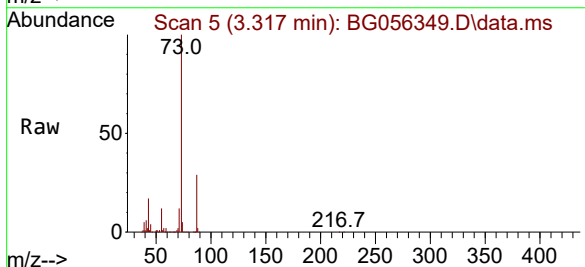
Instrument :
BNA_G
ClientSampleId :
TWP-03

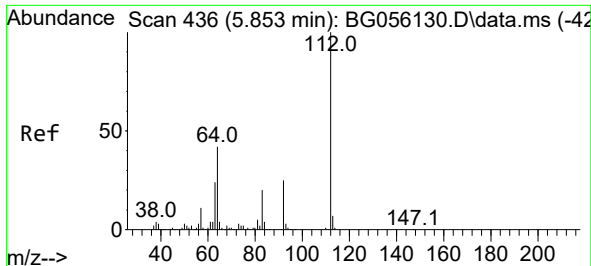
Tgt Ion:152 Resp: 41258
Ion Ratio Lower Upper
152 100
150 142.6 127.9 191.9
115 46.7 44.2 66.2



#2
1,4-Dioxane
Concen: 3.952 ng
RT: 3.317 min Scan# 5
Delta R.T. -0.318 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

Tgt Ion: 88 Resp: 4171
Ion Ratio Lower Upper
88 100
58 27.8 21.4 32.0
43 988.6 7.1 10.7#

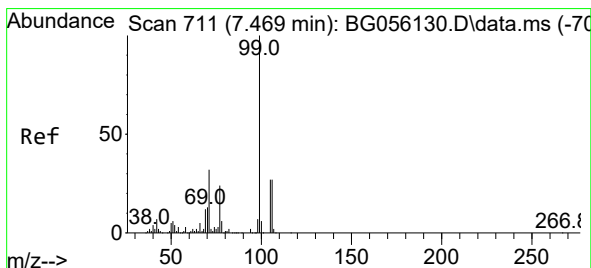
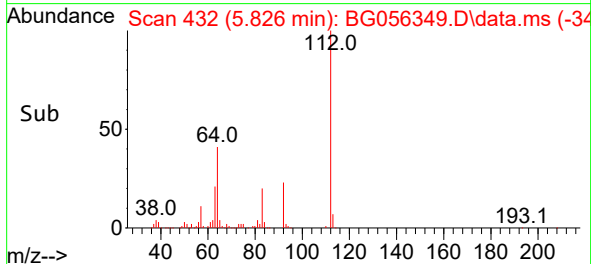
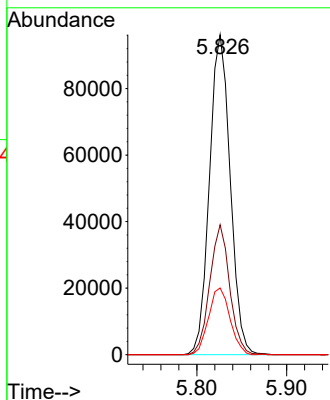
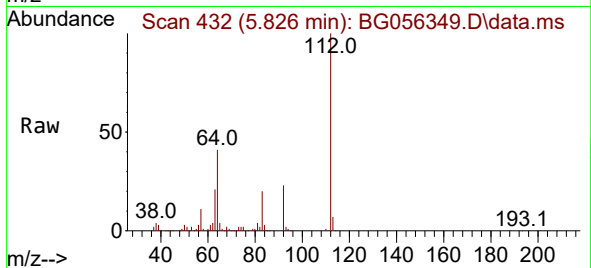




#5
2-Fluorophenol
Concen: 66.675 ng
RT: 5.826 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

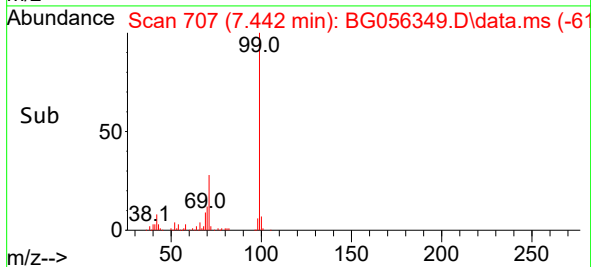
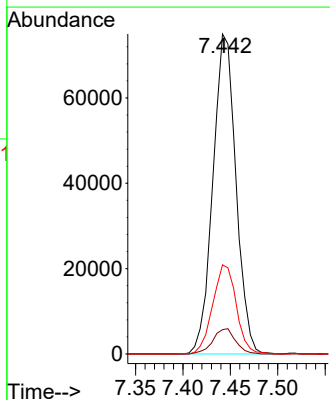
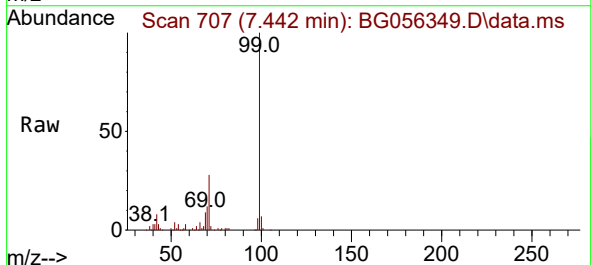
Instrument :
BNA_G
ClientSampleId :
TWP-03

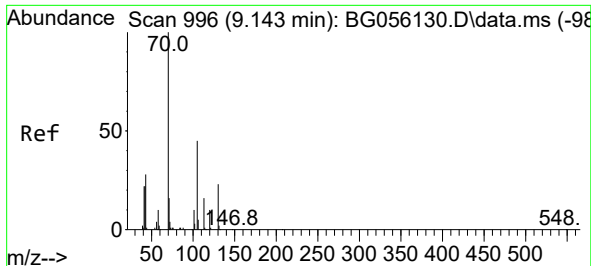
Tgt Ion:112 Resp: 154067
Ion Ratio Lower Upper
112 100
64 40.6 33.3 49.9
63 20.8 19.0 28.4



#7
Phenol-d6
Concen: 35.782 ng
RT: 7.442 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

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

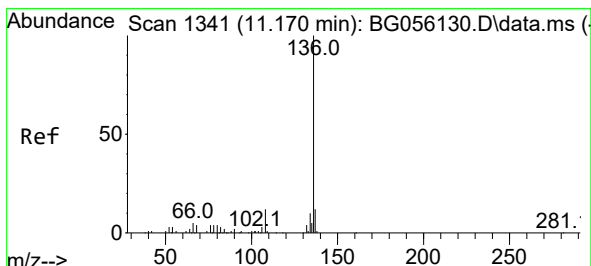
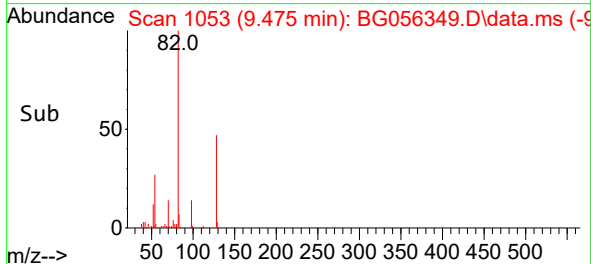
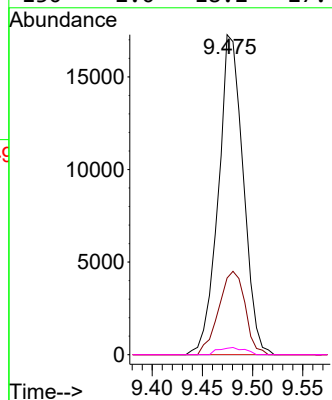
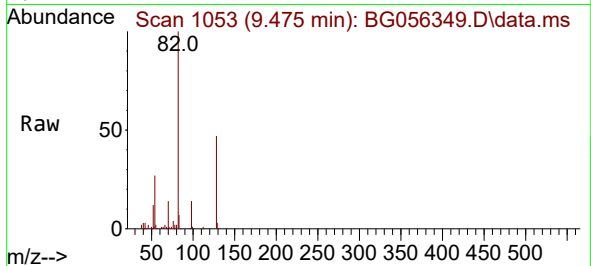




#19
n-Nitroso-di-n-propylamine
Concen: 13.774 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

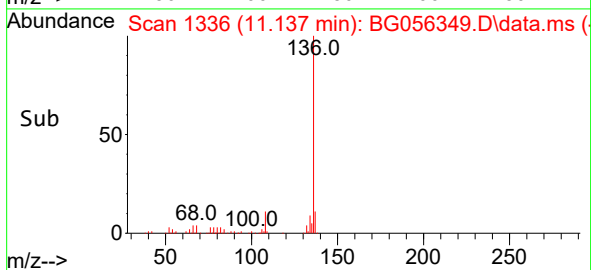
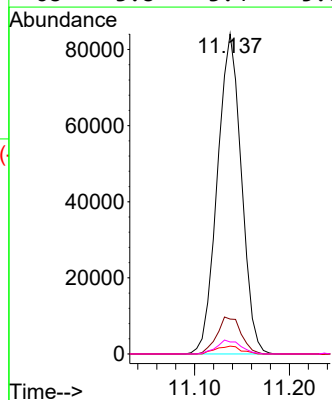
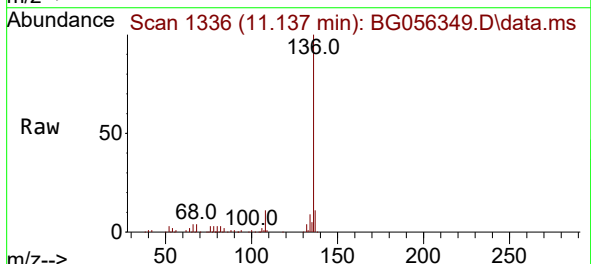
Instrument :
BNA_G
ClientSampleId :
TWP-03

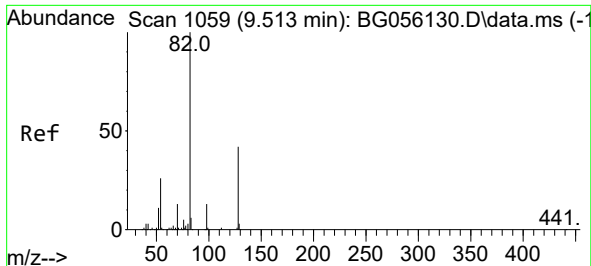
Tgt Ion: 70	Resp: 29722
Ion Ratio	Lower Upper
70	100
42	23.9 18.2 27.2
101	0.0 8.3 12.5#
130	2.0 18.2 27.4#



#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

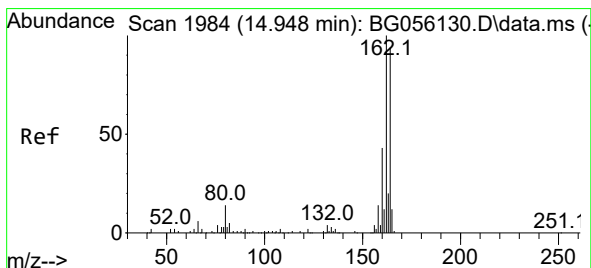
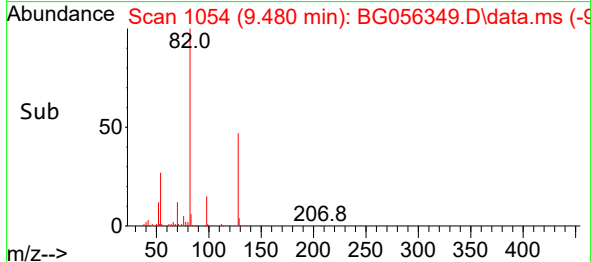
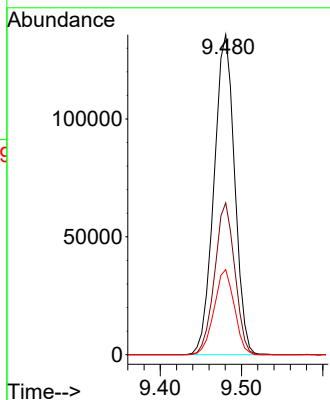
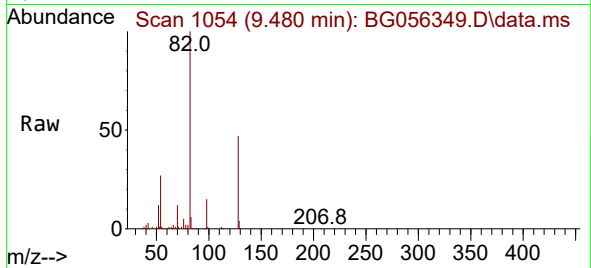




#23
Nitrobenzene-d5
Concen: 82.841 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

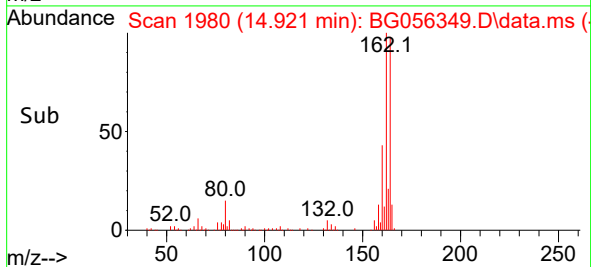
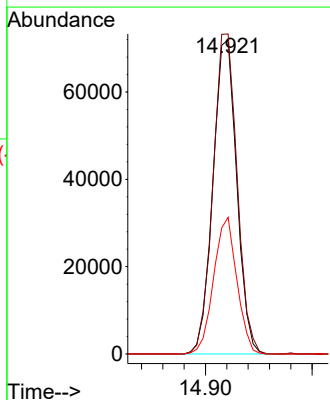
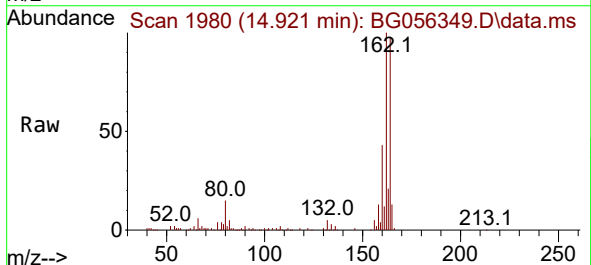
Instrument :
BNA_G
ClientSampleId :
TWP-03

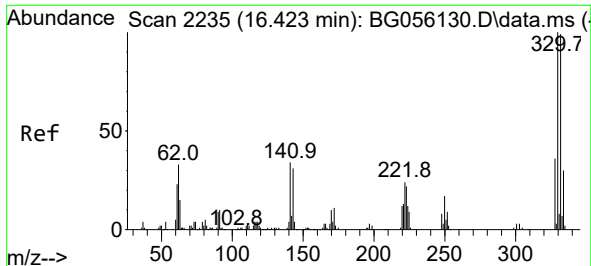
Tgt Ion: 82 Resp: 239779
Ion Ratio Lower Upper
82 100
128 47.4 33.4 50.2
54 26.6 20.3 30.5



#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

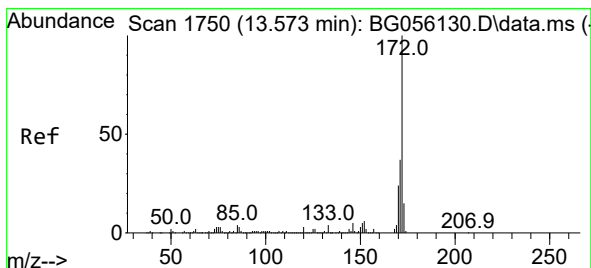
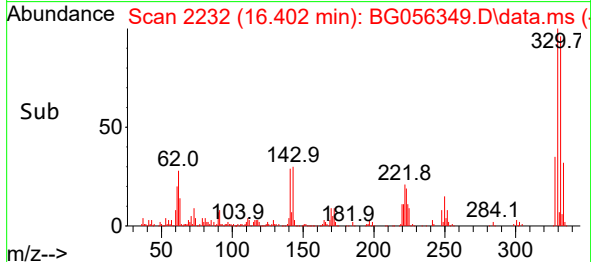
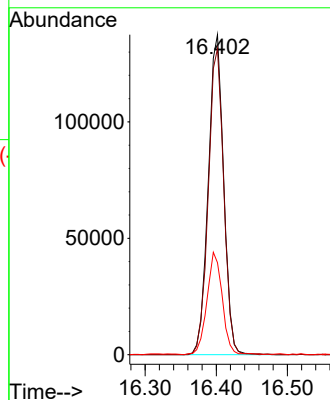
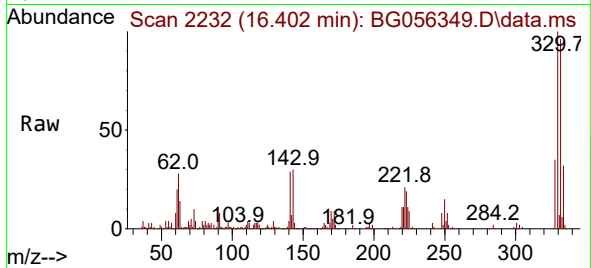




#42
2,4,6-Tribromophenol
Concen: 146.767 ng
RT: 16.402 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

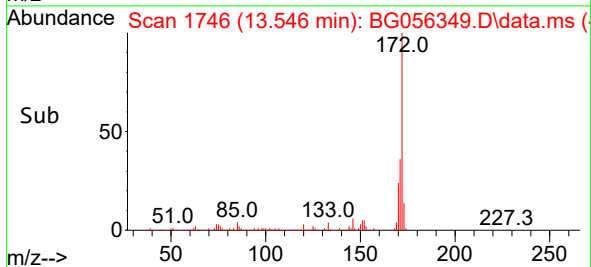
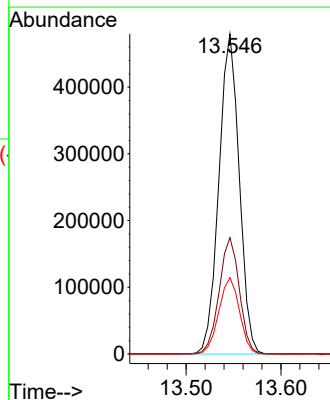
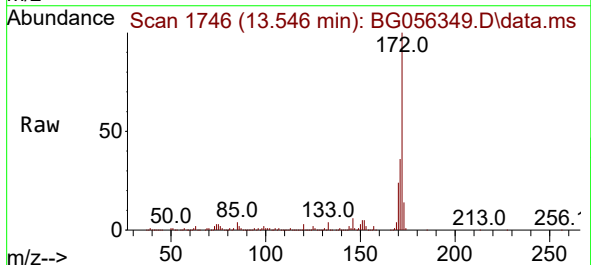
Instrument :
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ClientSampleId :
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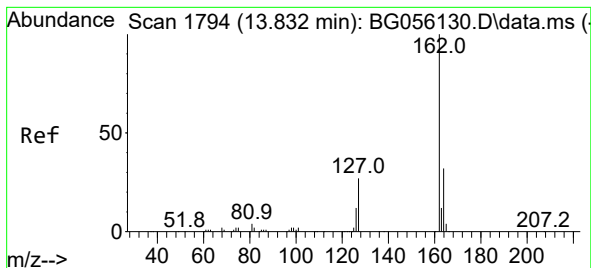
Tgt Ion:330 Resp: 206718
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 32.1 27.9 41.9



#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





#47

2-Chloronaphthalene

Concen: 3.286 ng

RT: 14.222 min Scan# 1861

Delta R.T. 0.411 min

Lab File: BG056349.D

Acq: 19 Jan 2023 16:20

Instrument :

BNA_G

ClientSampleId :

TWP-03

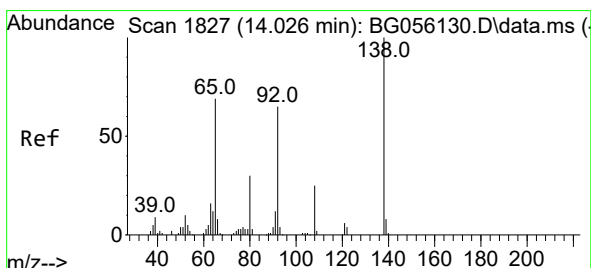
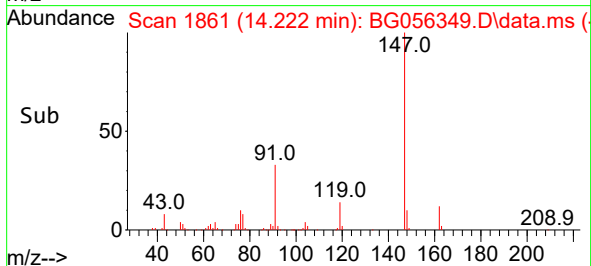
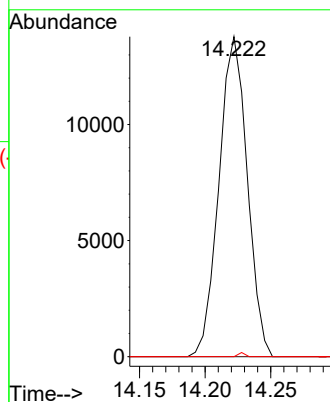
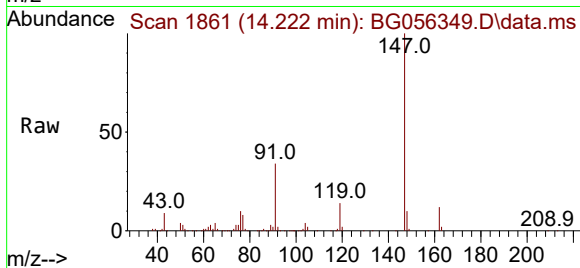
Tgt Ion:162 Resp: 20655

Ion Ratio Lower Upper

162 100

127 0.0 24.6 36.8#

164 0.0 25.8 38.8#



#48

2-Nitroaniline

Concen: 4.494 ng

RT: 14.222 min Scan# 1861

Delta R.T. 0.217 min

Lab File: BG056349.D

Acq: 19 Jan 2023 16:20

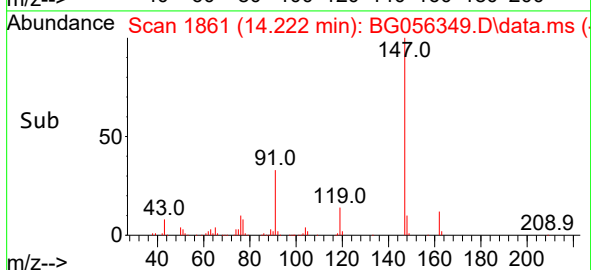
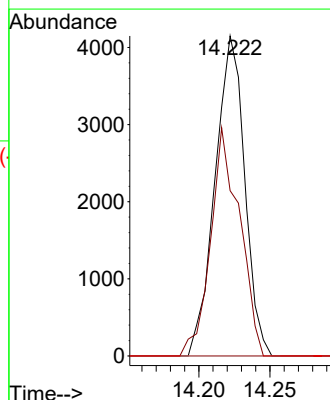
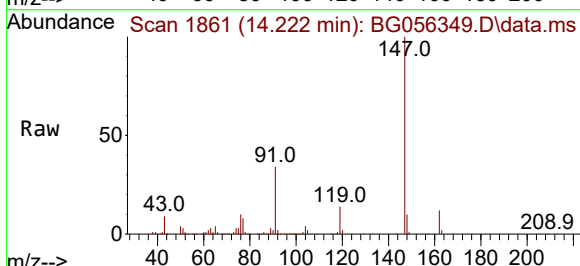
Tgt Ion: 65 Resp: 6019

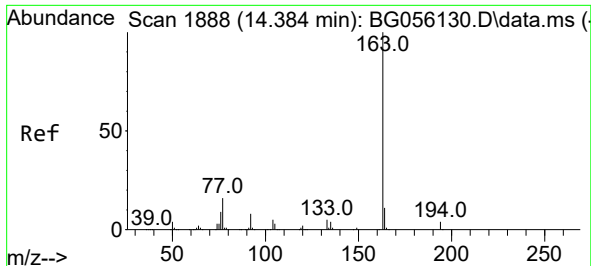
Ion Ratio Lower Upper

65 100

92 51.7 76.0 114.0#

138 0.0 116.6 174.8#

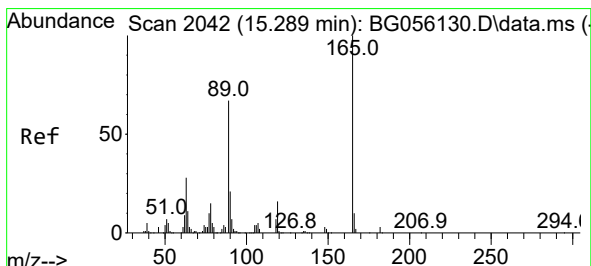
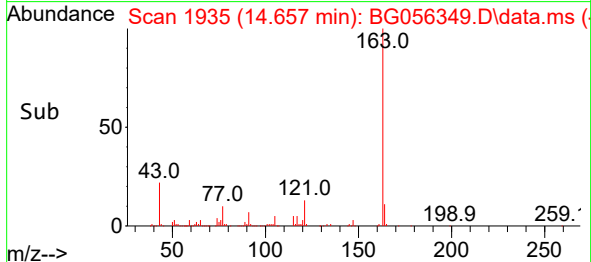
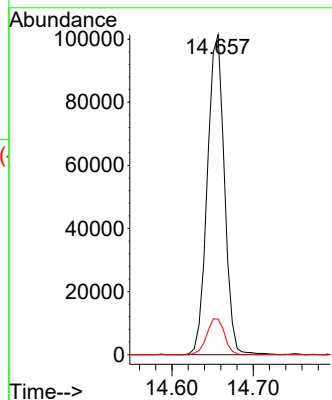
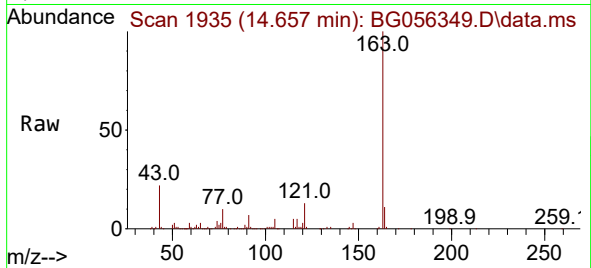




#50
Dimethylphthalate
Concen: 16.419 ng
RT: 14.657 min Scan# 1935
Delta R.T. 0.293 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

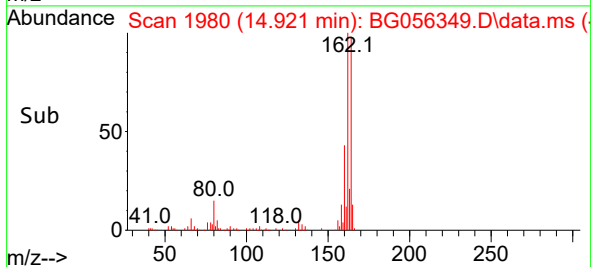
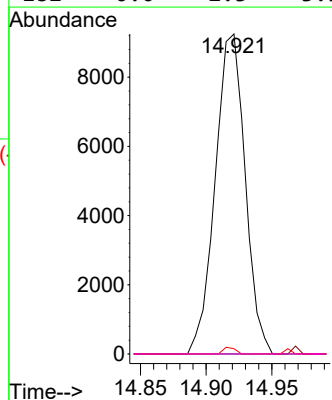
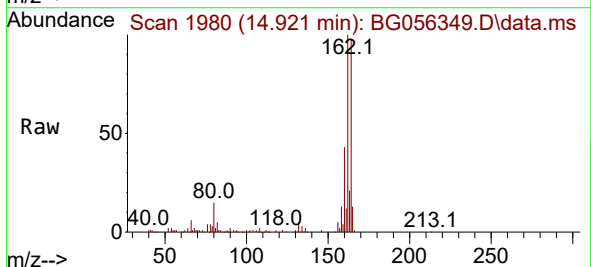
Instrument :
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TWP-03

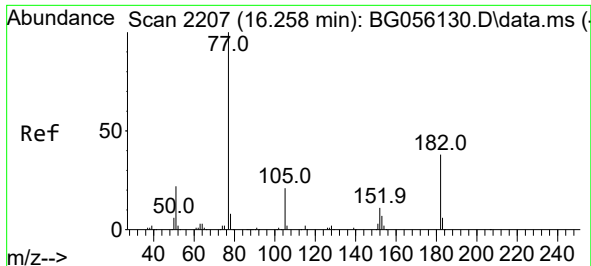
Tgt Ion:163 Resp: 147403
Ion Ratio Lower Upper
163 100
194 0.0 3.5 5.3#
164 11.1 8.7 13.1



#57
2,4-Dinitrotoluene
Concen: 5.480 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.353 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

Tgt Ion:165 Resp: 14660
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.7 53.2 79.8#
182 0.0 2.3 3.5#

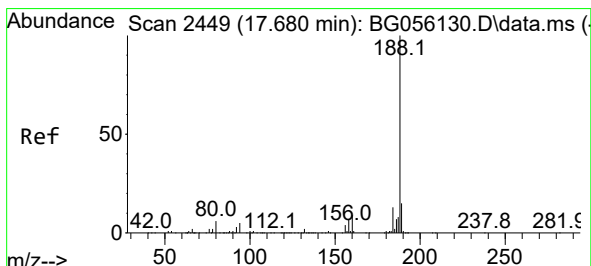
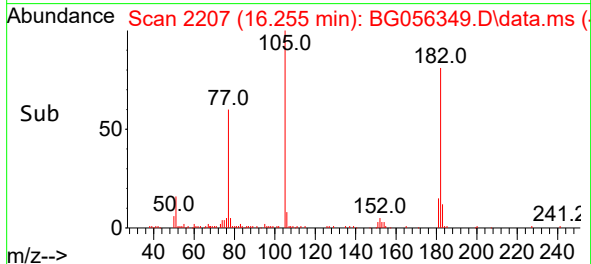
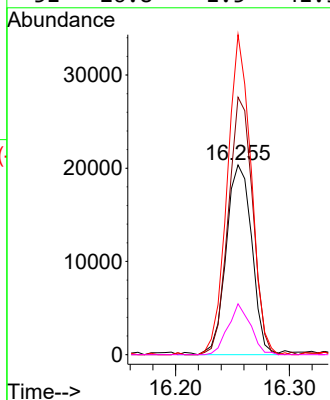
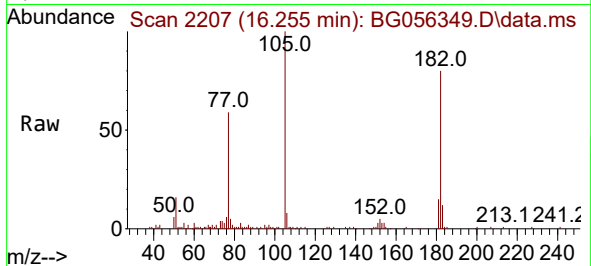




#63
Azobenzene
Concen: 4.932 ng
RT: 16.255 min Scan# 21
Delta R.T. 0.017 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

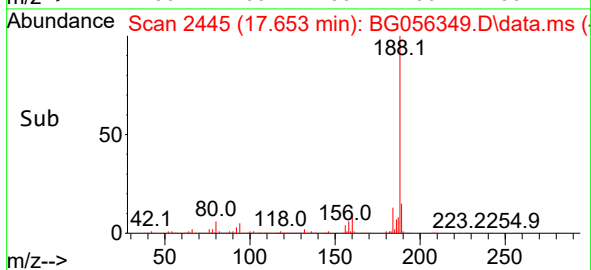
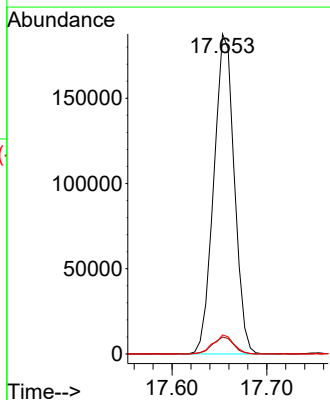
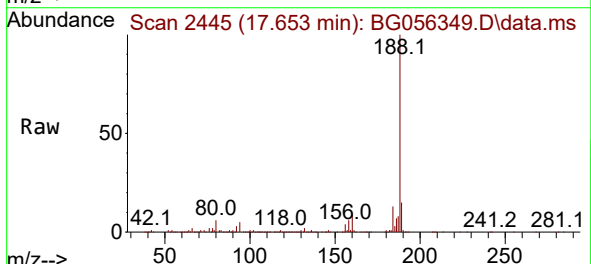
Instrument :
BNA_G
ClientSampleId :
TWP-03

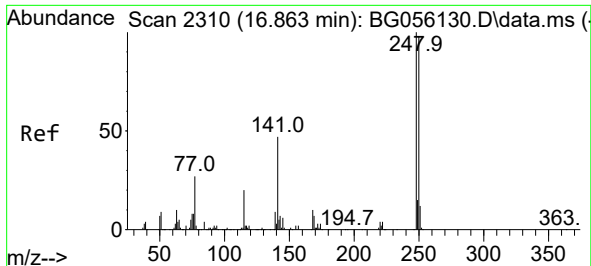
Tgt Ion: 77	Resp: 32045
Ion Ratio	Lower Upper
77 100	
182 135.7	18.5 58.5#
105 168.7	1.4 41.4#
51 26.8	1.5 41.5



#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

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

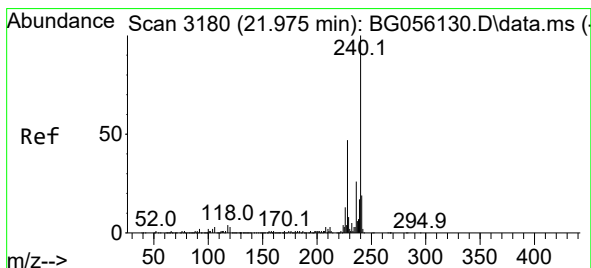
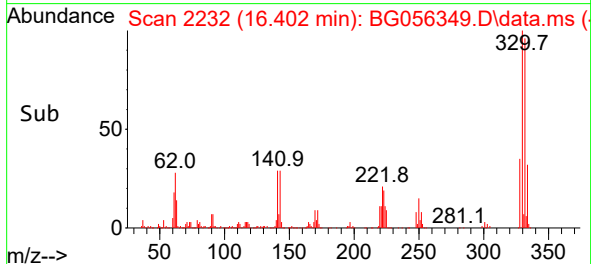
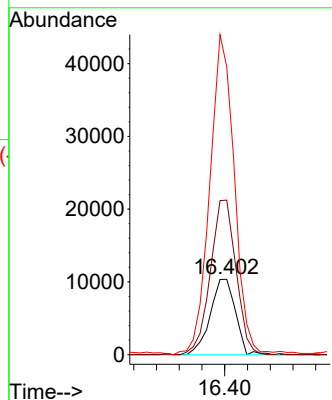
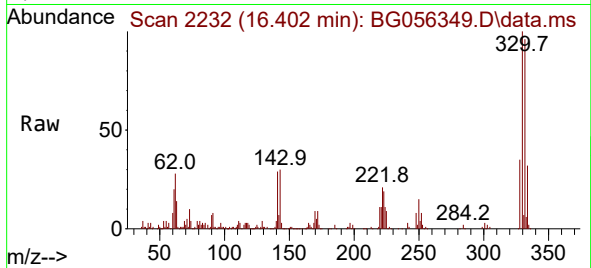




#67
4-Bromophenyl-phenylether
Concen: 4.423 ng
RT: 16.402 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG056349.D
Acq: 19 Jan 2023 16:20

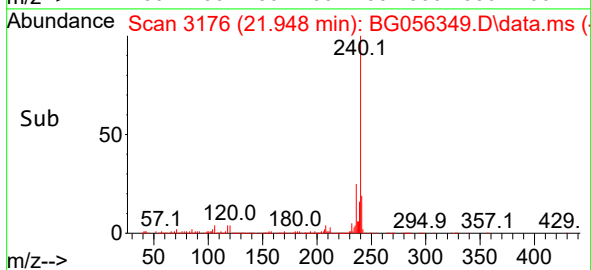
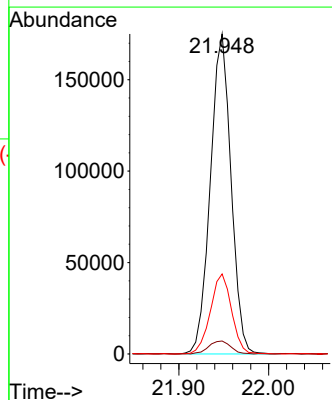
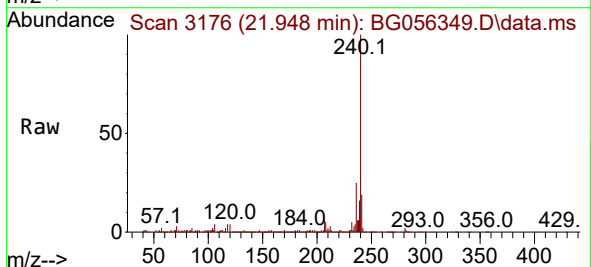
Instrument :
BNA_G
ClientSampleId :
TWP-03

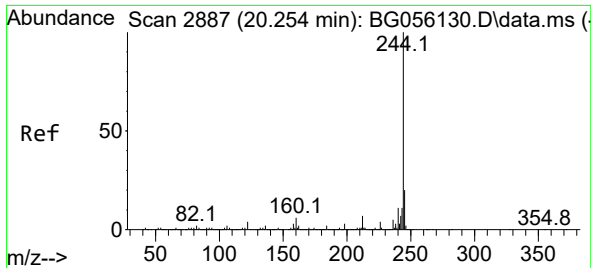
Tgt Ion:248 Resp: 15904
Ion Ratio Lower Upper
248 100
250 204.8 78.2 117.4#
141 381.4 37.6 56.4#



#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

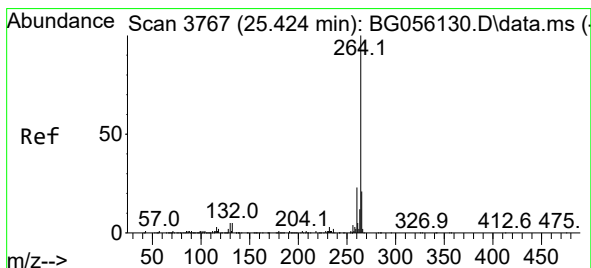
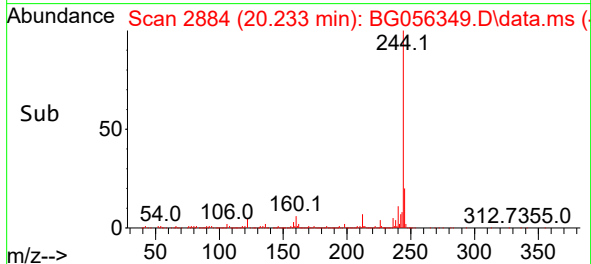
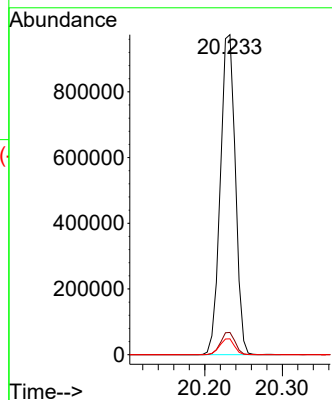
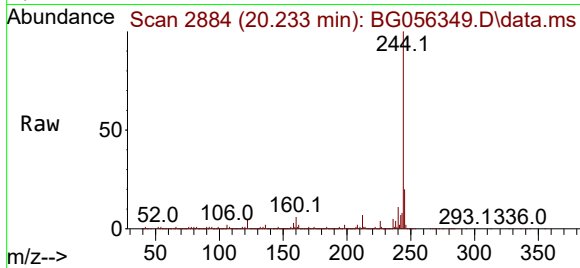




#79
 Terphenyl-d14
 Concen: 84.099 ng
 RT: 20.233 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056349.D
 Acq: 19 Jan 2023 16:20

Instrument :
 BNA_G
 ClientSampleId :
 TWP-03

Tgt Ion: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

