

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056332.D
 Acq On : 18 Jan 2023 17:25
 Operator : CG/JU
 Sample : 01186-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP04

Quant Time: Jan 19 00:33:18 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)

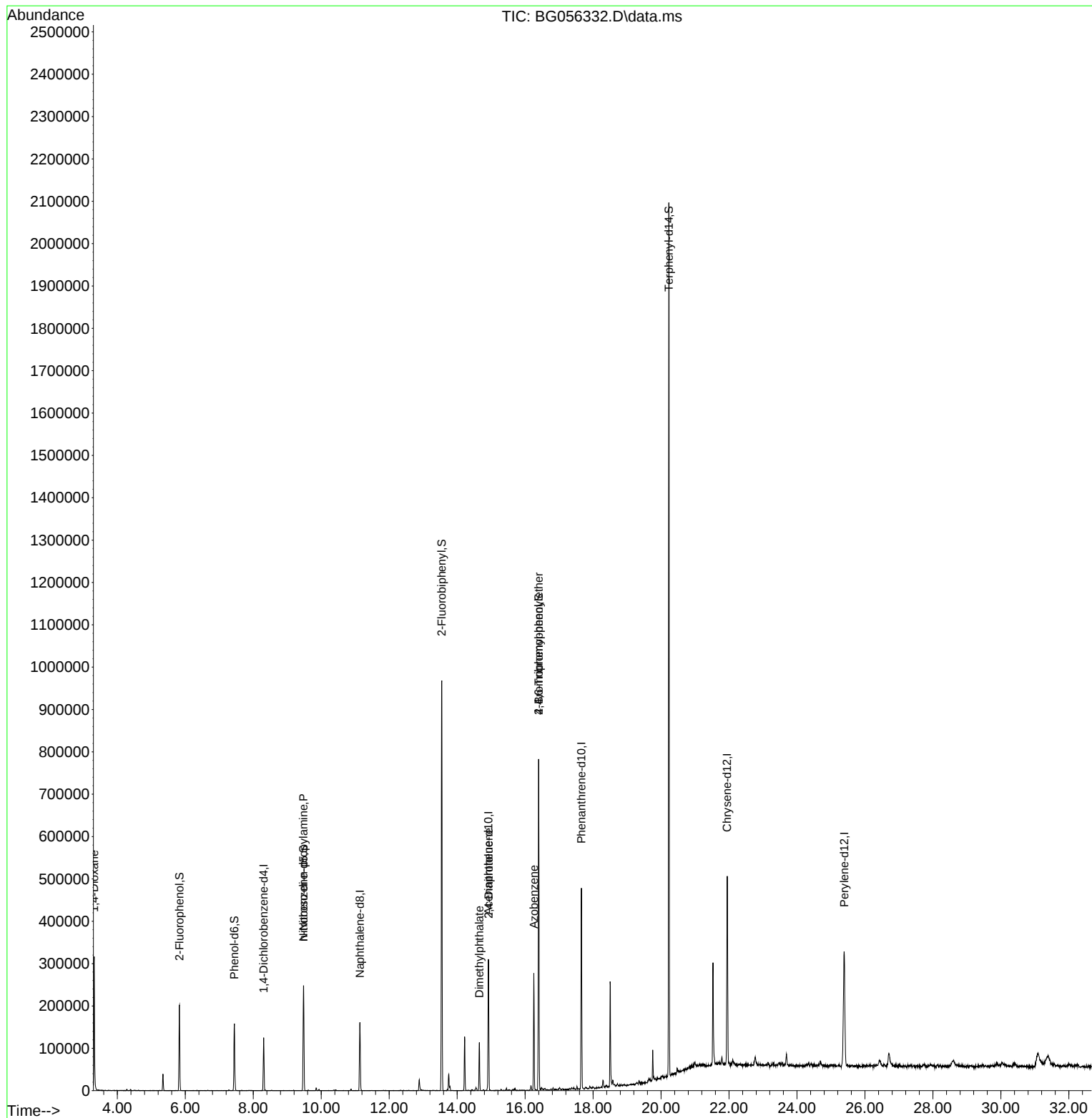
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.308	152	39702	20.000	ng	0.00
21) Naphthalene-d8	11.140	136	149497	20.000	ng	# 0.00
39) Acenaphthene-d10	14.917	164	121304	20.000	ng	0.00
64) Phenanthrene-d10	17.655	188	326707	20.000	ng	0.00
76) Chrysene-d12	21.945	240	309180	20.000	ng	#-0.01
86) Perylene-d12	25.388	264	335906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	113523	51.054	ng	0.00
7) Phenol-d6	7.444	99	120769	35.366	ng	0.00
23) Nitrobenzene-d5	9.477	82	183719	62.861	ng	-0.01
42) 2,4,6-Tribromophenol	16.398	330	157585	102.575	ng	0.00
45) 2-Fluorobiphenyl	13.548	172	562688	64.055	ng	0.00
79) Terphenyl-d14	20.229	244	1115794	64.637	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.319	88	2236	2.202	ng	# 1
19) n-Nitroso-di-n-propyla...	9.477	70	22805	10.982	ng	# 75
50) Dimethylphthalate	14.653	163	68688	7.014	ng	# 94
57) 2,4-Dinitrotoluene	14.923	165	16020	5.490	ng	# 28
63) Azobenzene	16.257	77	71610	10.105	ng	# 1
67) 4-Bromophenyl-phenylether	16.398	248	12736	3.061	ng	# 1

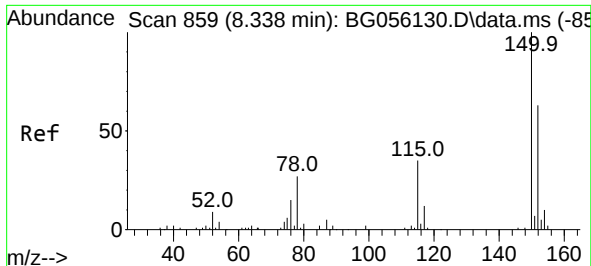
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
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Quant Time: Jan 19 00:33:18 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

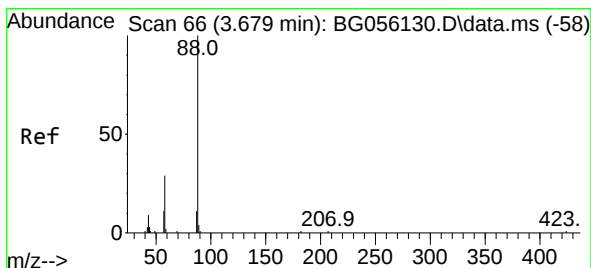
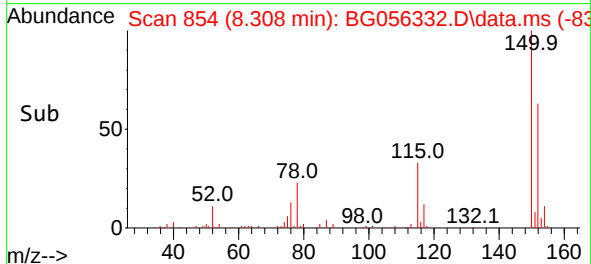
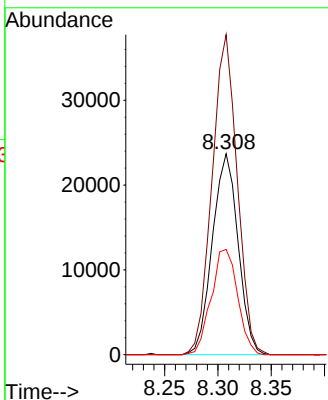
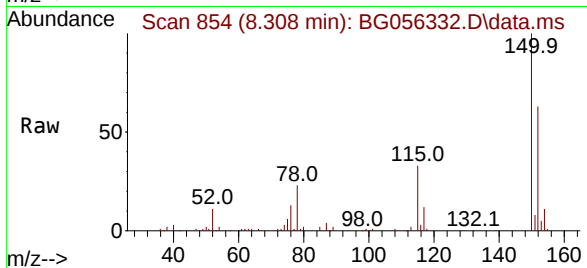




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.308 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

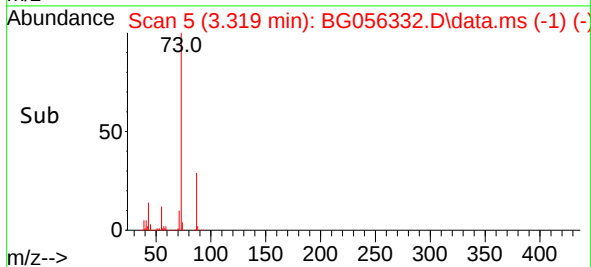
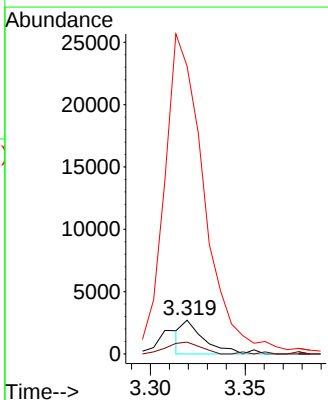
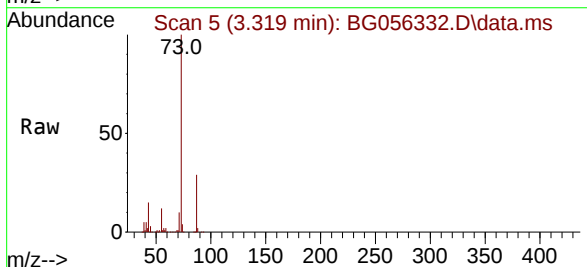
Instrument :
BNA_G
ClientSampleId :
TWP04

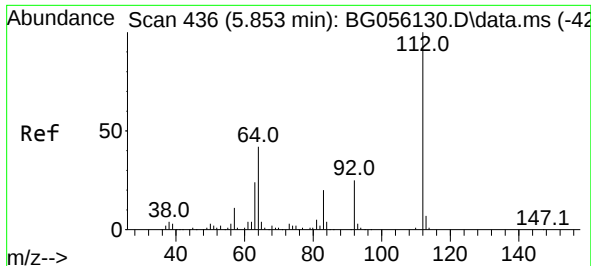
Tgt Ion:152 Resp: 39702
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 52.4 44.2 66.2



#2
1,4-Dioxane
Concen: 2.202 ng
RT: 3.319 min Scan# 5
Delta R.T. -0.316 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

Tgt Ion: 88 Resp: 2236
Ion Ratio Lower Upper
88 100
58 42.7 21.4 32.0#
43 1387.6 7.1 10.7#

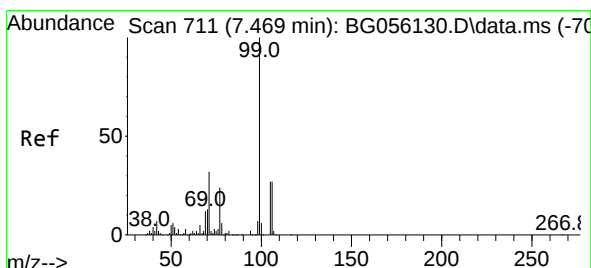
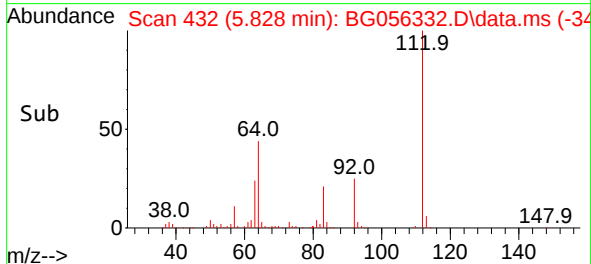
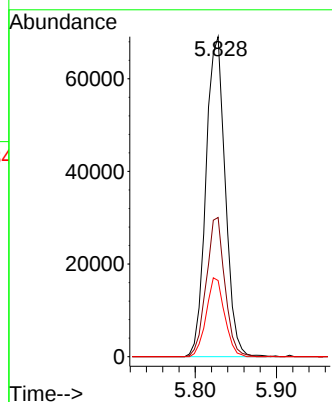
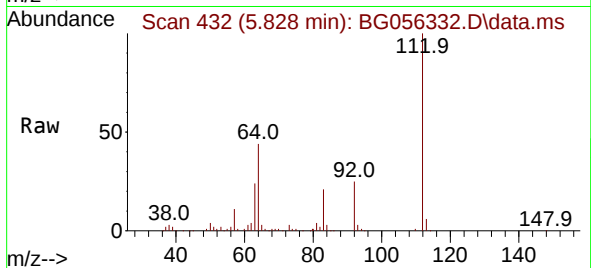




#5
2-Fluorophenol
Concen: 51.054 ng
RT: 5.828 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

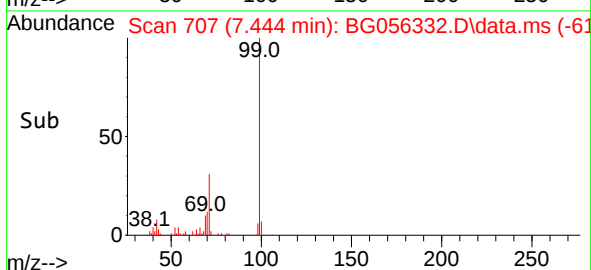
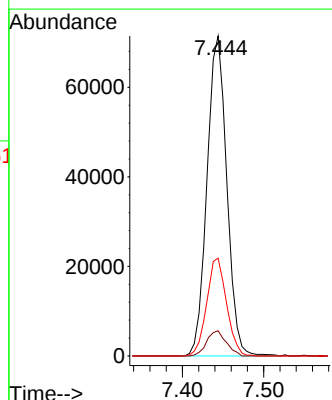
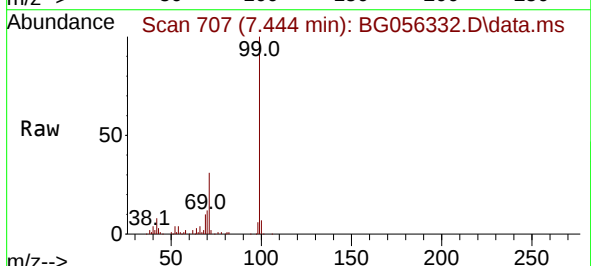
Instrument :
BNA_G
ClientSampleId :
TWP04

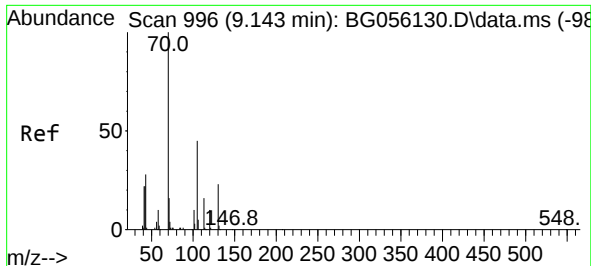
Tgt Ion:112 Resp: 113523
Ion Ratio Lower Upper
112 100
64 43.5 33.3 49.9
63 23.8 19.0 28.4



#7
Phenol-d6
Concen: 35.366 ng
RT: 7.444 min Scan# 707
Delta R.T. -0.004 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

Tgt Ion: 99 Resp: 120769
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 30.5 25.4 38.2

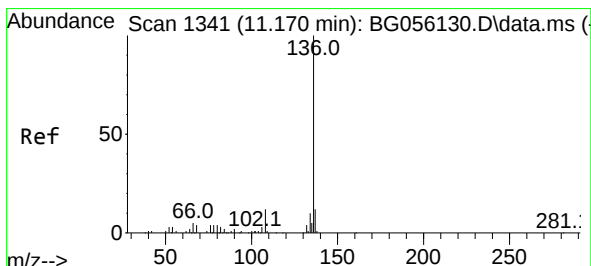
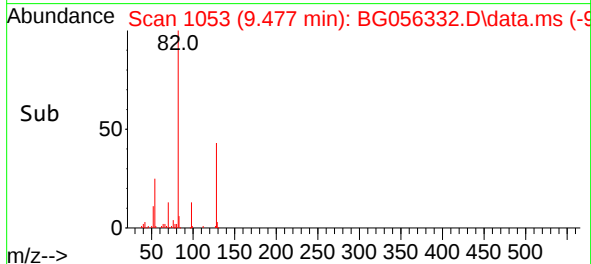
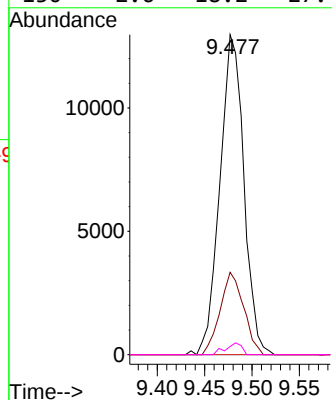
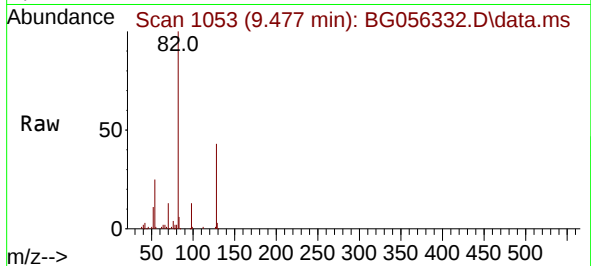




#19
n-Nitroso-di-n-propylamine
Concen: 10.982 ng
RT: 9.477 min Scan# 1053
Delta R.T. 0.366 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

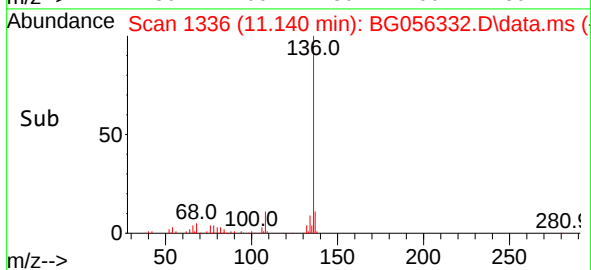
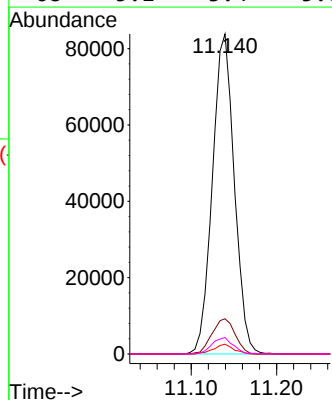
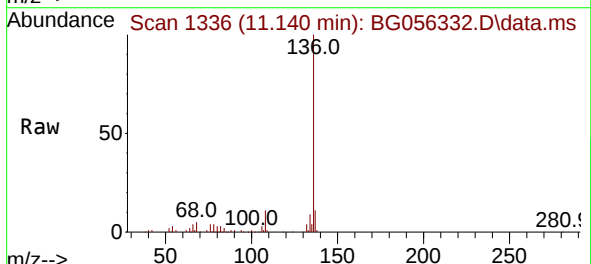
Instrument :
BNA_G
ClientSampleId :
TWP04

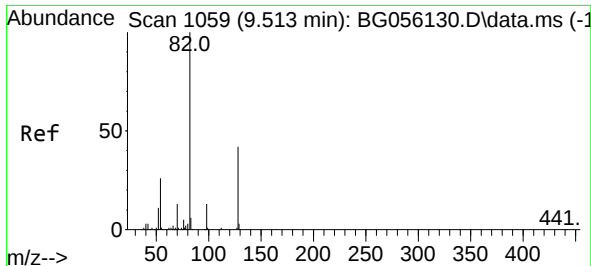
Tgt Ion: 70	Resp: 22805
Ion Ratio	Lower Upper
70 100	
42 25.7	18.2 27.2
101 0.0	8.3 12.5#
130 2.6	18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.140 min Scan# 1336
Delta R.T. 0.002 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

Tgt Ion: 136	Resp: 149497
Ion Ratio	Lower Upper
136 100	
137 11.0	9.4 14.0
54 3.0	2.2 3.2
68 5.1	3.4 5.0#





#23

Nitrobenzene-d5

Concen: 62.861 ng

RT: 9.477 min Scan# 1053

Delta R.T. -0.010 min

Lab File: BG056332.D

Acq: 18 Jan 2023 17:25

Instrument :

BNA_G

ClientSampleId :

TWP04

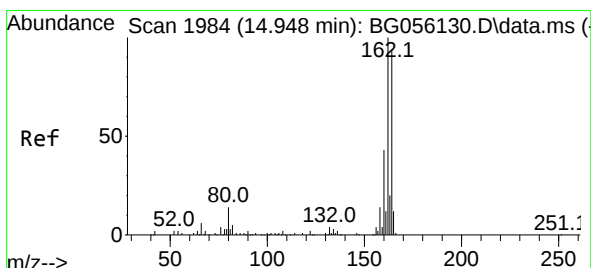
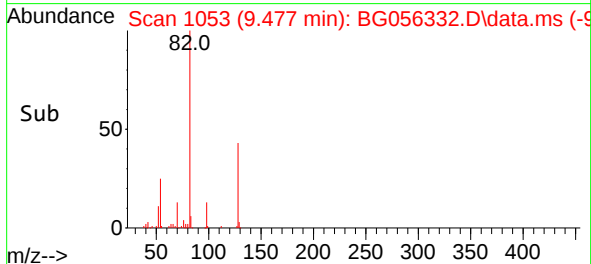
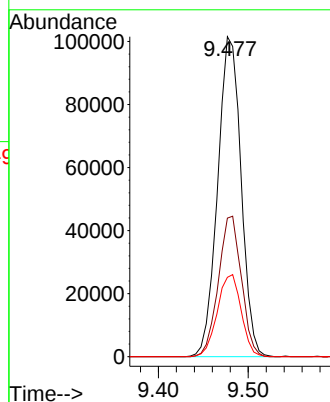
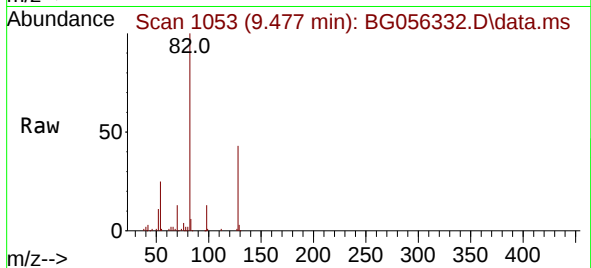
Tgt Ion: 82 Resp: 183719

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.2

54 24.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.917 min Scan# 1979

Delta R.T. -0.004 min

Lab File: BG056332.D

Acq: 18 Jan 2023 17:25

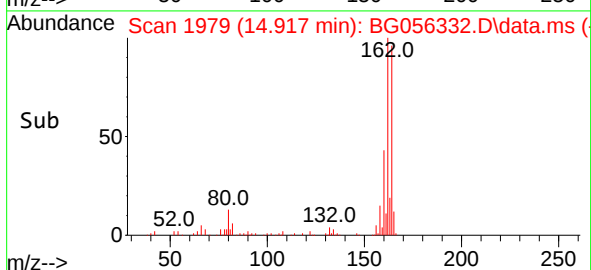
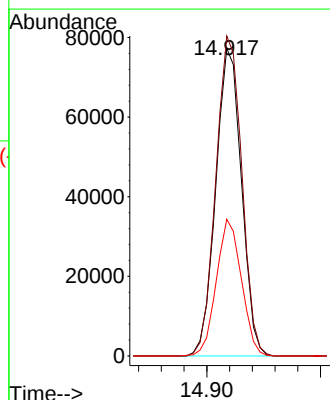
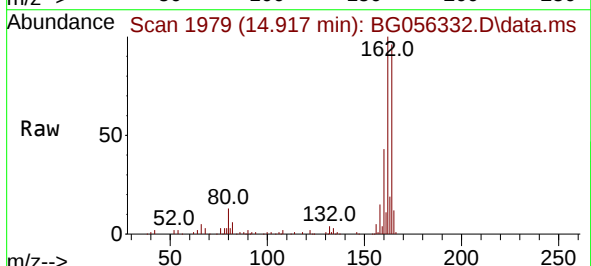
Tgt Ion:164 Resp: 121304

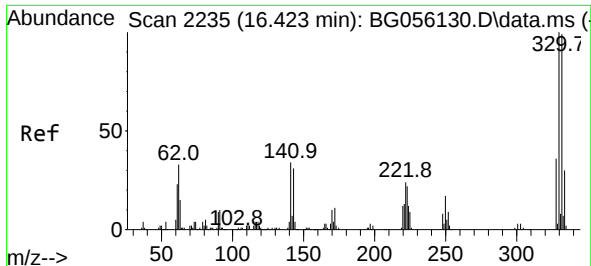
Ion Ratio Lower Upper

164 100

162 104.0 84.7 127.1

160 44.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 102.575 ng

RT: 16.398 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG056332.D

Acq: 18 Jan 2023 17:25

Instrument :

BNA_G

ClientSampleId :

TWP04

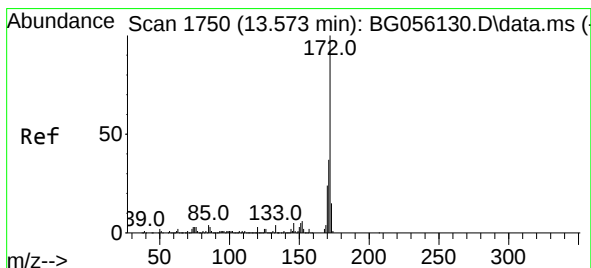
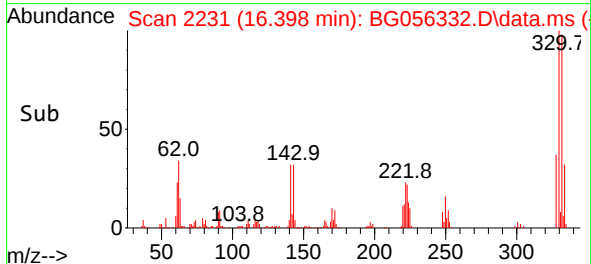
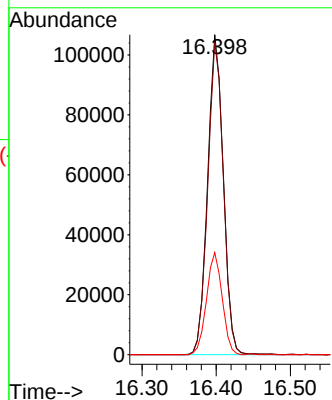
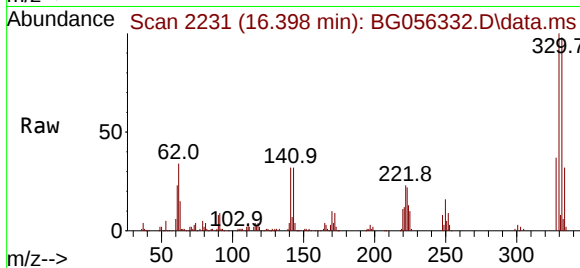
Tgt Ion:330 Resp: 157585

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 31.8 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 64.055 ng

RT: 13.548 min Scan# 1746

Delta R.T. 0.002 min

Lab File: BG056332.D

Acq: 18 Jan 2023 17:25

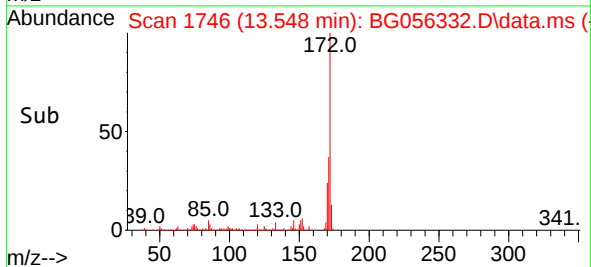
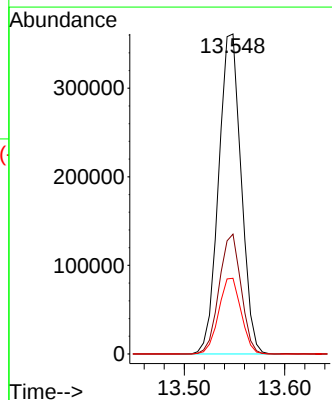
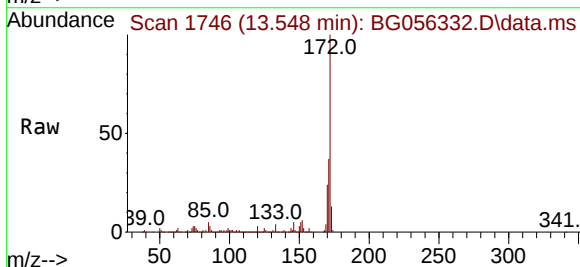
Tgt Ion:172 Resp: 562688

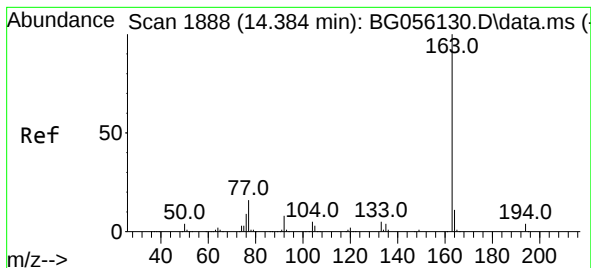
Ion Ratio Lower Upper

172 100

171 37.4 29.6 44.4

170 23.7 19.4 29.2





#50

Dimethylphthalate

Concen: 7.014 ng

RT: 14.653 min Scan# 1934

Delta R.T. 0.290 min

Lab File: BG056332.D

Acq: 18 Jan 2023 17:25

Instrument :

BNA_G

ClientSampleId :

TWP04

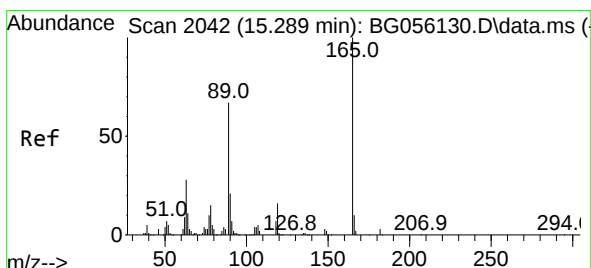
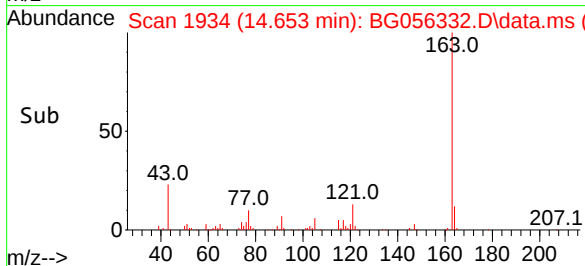
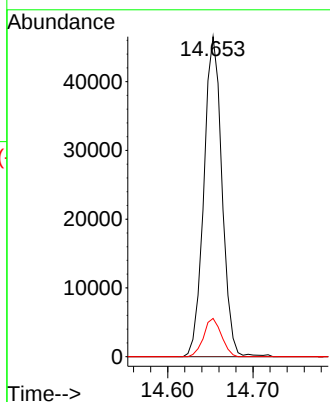
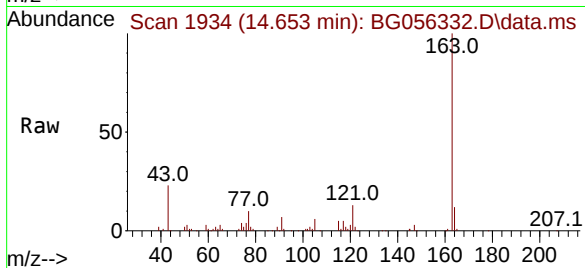
Tgt Ion:163 Resp: 68688

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

164 11.9 8.7 13.1



#57

2,4-Dinitrotoluene

Concen: 5.490 ng

RT: 14.923 min Scan# 1980

Delta R.T. -0.351 min

Lab File: BG056332.D

Acq: 18 Jan 2023 17:25

Tgt Ion:165 Resp: 16020

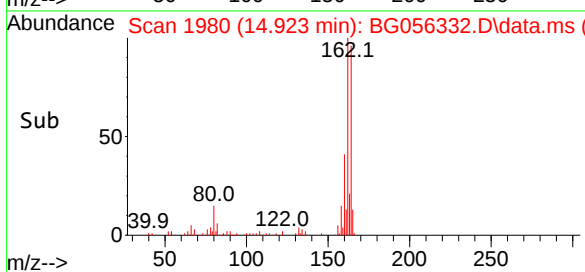
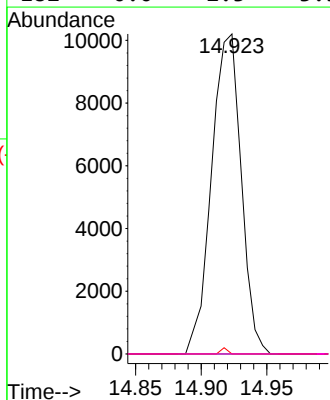
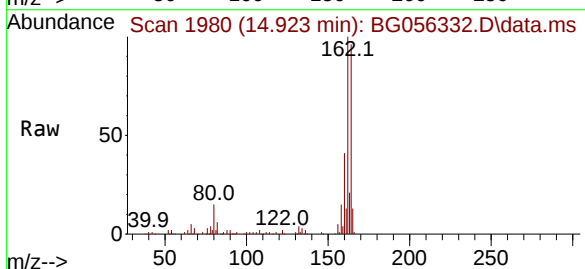
Ion Ratio Lower Upper

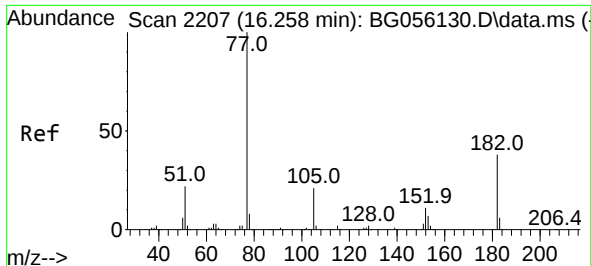
165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#

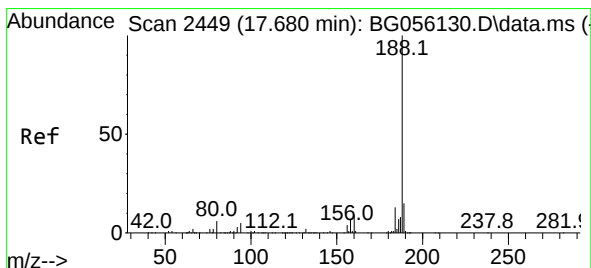
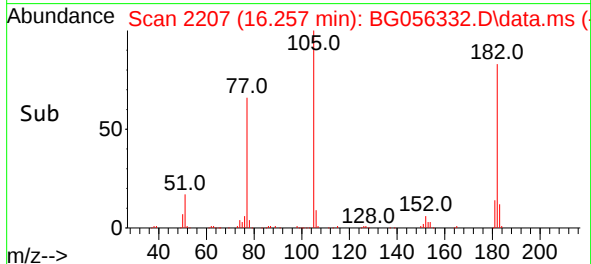
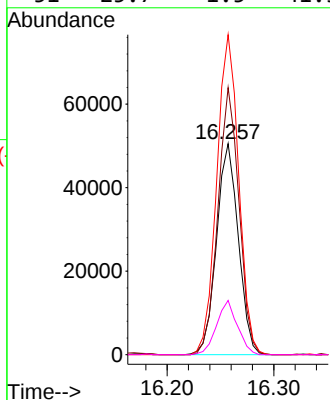
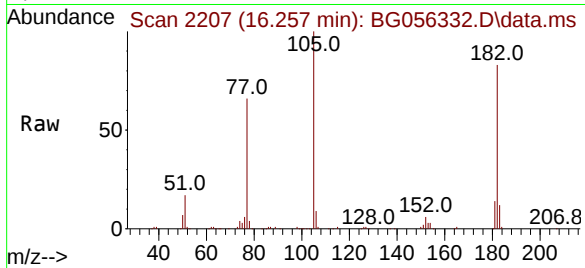




#63
Azobenzene
Concen: 10.105 ng
RT: 16.257 min Scan# 21
Delta R.T. 0.019 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

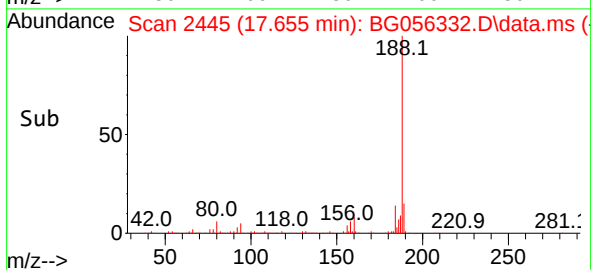
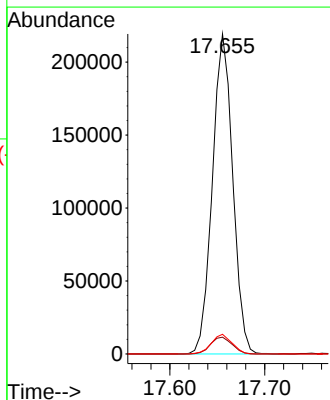
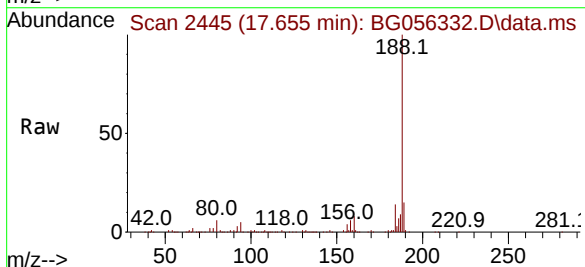
Instrument :
BNA_G
ClientSampleId :
TWP04

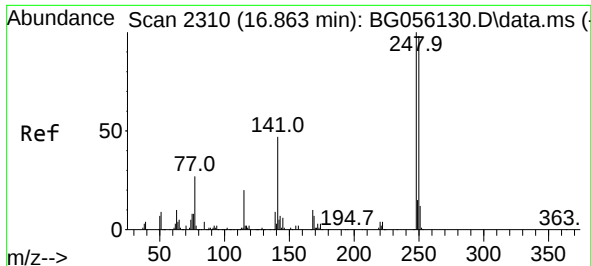
Tgt Ion: 77	Resp: 71610
Ion Ratio	Lower Upper
77 100	
182 126.6	18.5 58.5#
105 151.6	1.4 41.4#
51 25.7	1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.655 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

Tgt Ion: 188	Resp: 326707
Ion Ratio	Lower Upper
188 100	
94 5.3	4.2 6.2
80 6.1	5.0 7.4

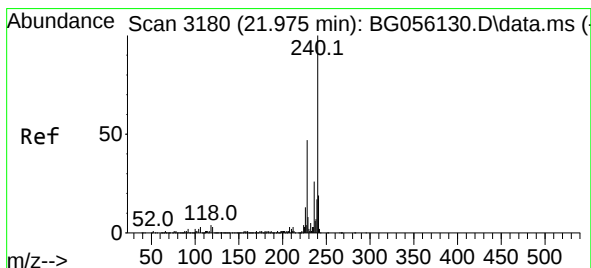
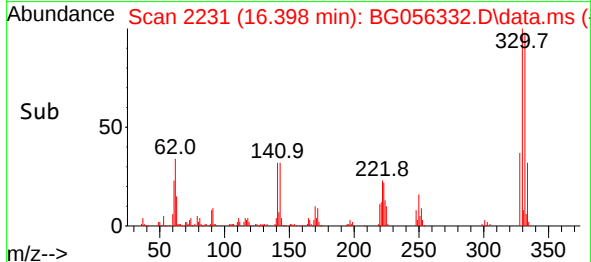
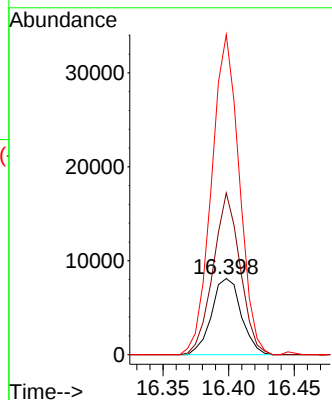
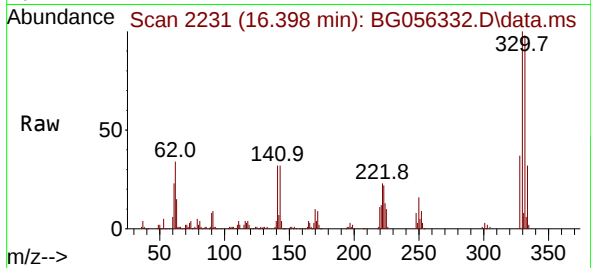




#67
4-Bromophenyl-phenylether
Concen: 3.061 ng
RT: 16.398 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

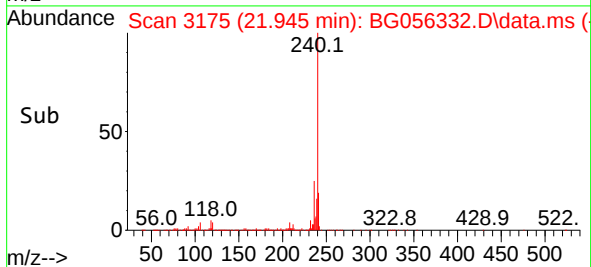
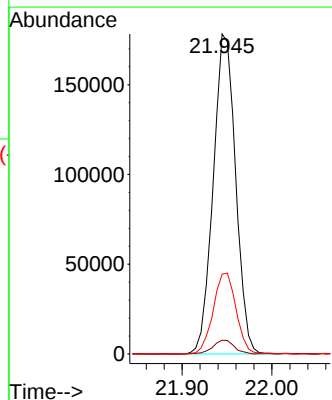
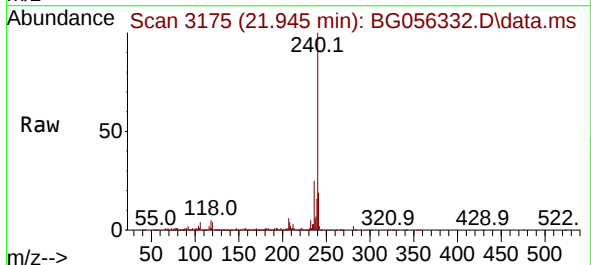
Instrument :
BNA_G
ClientSampleId :
TWP04

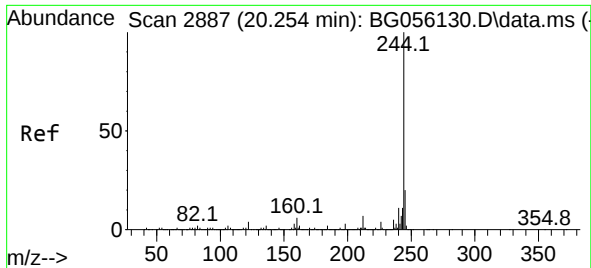
Tgt Ion:248 Resp: 12736
Ion Ratio Lower Upper
248 100
250 278.4 78.2 117.4#
141 420.0 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG056332.D
Acq: 18 Jan 2023 17:25

Tgt Ion:240 Resp: 309180
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 25.0 20.8 31.2

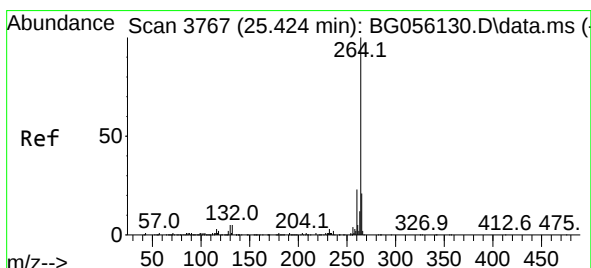
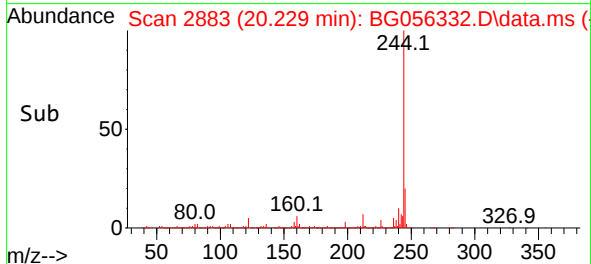
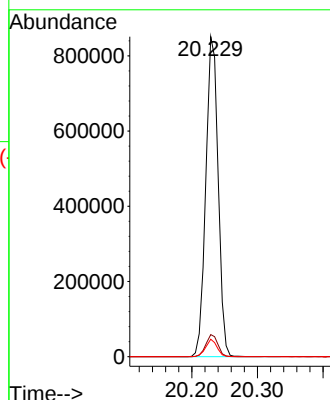
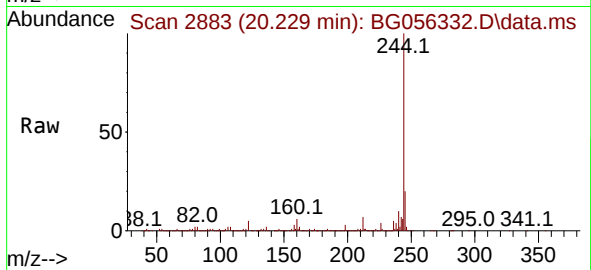




#79
 Terphenyl-d14
 Concen: 64.637 ng
 RT: 20.229 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056332.D
 Acq: 18 Jan 2023 17:25

Instrument :
 BNA_G
 ClientSampleId :
 TWP04

Tgt Ion:244 Resp: 1115794
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.5 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.388 min Scan# 3761
 Delta R.T. -0.004 min
 Lab File: BG056332.D
 Acq: 18 Jan 2023 17:25

Tgt Ion:264 Resp: 335906
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 21.4 16.7 25.1

