

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056315.D
 Acq On : 17 Jan 2023 16:02
 Operator : CG/JU
 Sample : 01141-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EAST-WALL

Quant Time: Jan 18 02:40:07 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 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

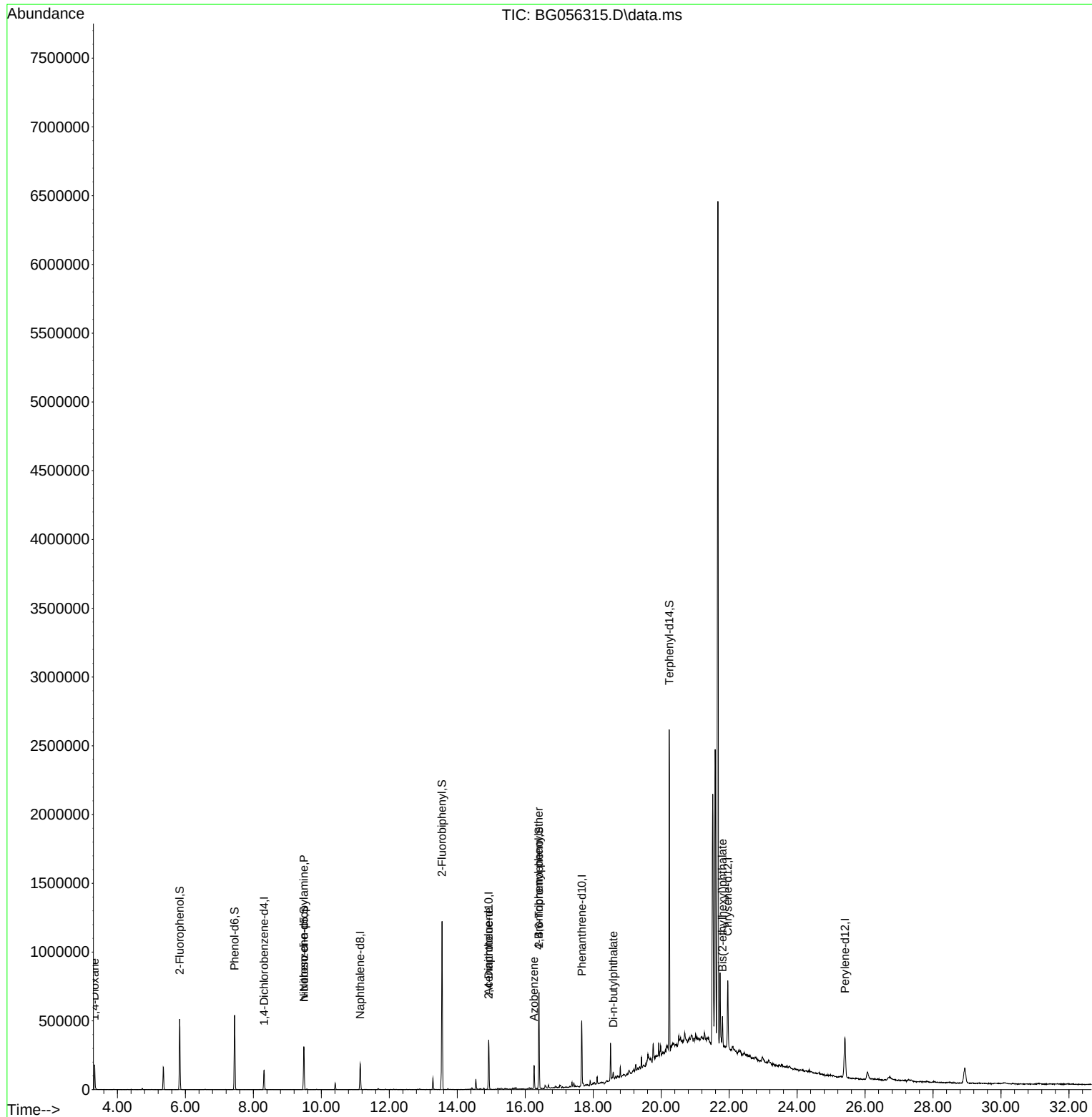
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	47687	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	175674	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	140384	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	340487	20.000	ng	0.00
76) Chrysene-d12	21.960	240	318764	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	362984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	278369	104.227	ng	0.00
7) Phenol-d6	7.448	99	418900	102.131	ng	0.00
23) Nitrobenzene-d5	9.486	82	229739	66.894	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	146191	82.225	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	696290	68.491	ng	0.00
79) Terphenyl-d14	20.239	244	1223027	68.719	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.329	88	2600	2.131	ng	# 1
19) n-Nitroso-di-n-propyla...	9.486	70	28217	11.313	ng	# 73
57) 2,4-Dinitrotoluene	14.921	165	19201	5.686	ng	# 28
63) Azobenzene	16.261	77	47348	5.773	ng	# 1
67) 4-Bromophenyl-phenylether	16.402	248	12465	2.875	ng	# 1
74) Di-n-butylphthalate	18.593	149	43028	2.821	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.807	149	97867	10.539	ng	96

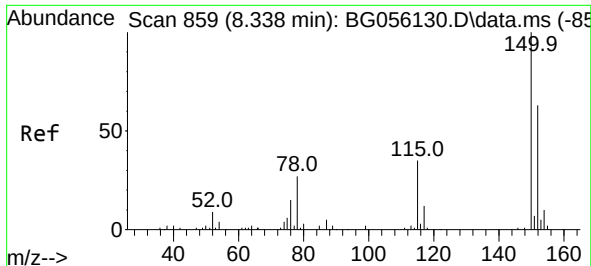
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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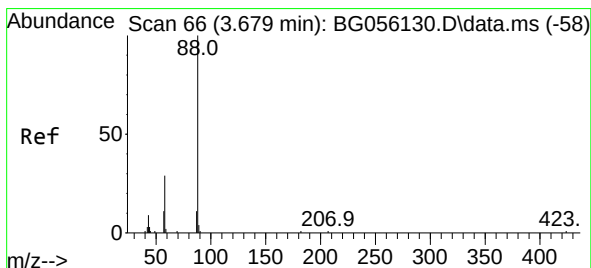
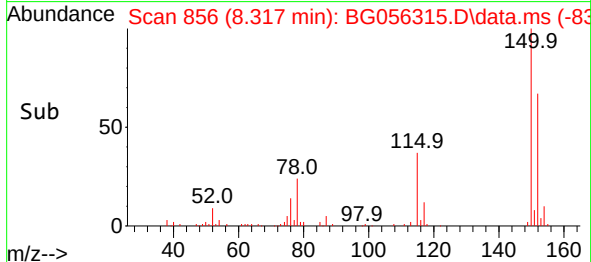
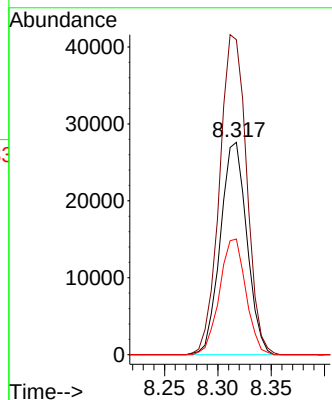
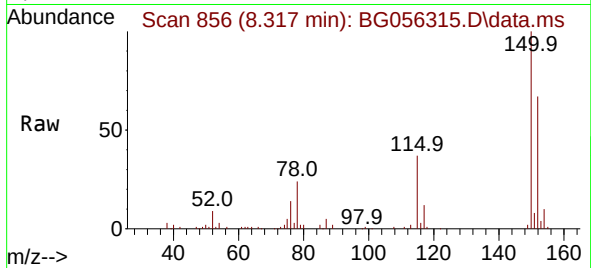




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.317 min Scan# 8
 Delta R.T. 0.000 min
 Lab File: BG056315.D
 Acq: 17 Jan 2023 16:02

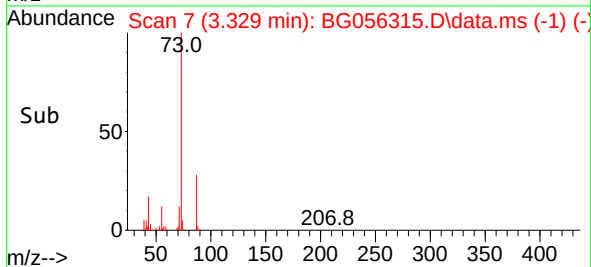
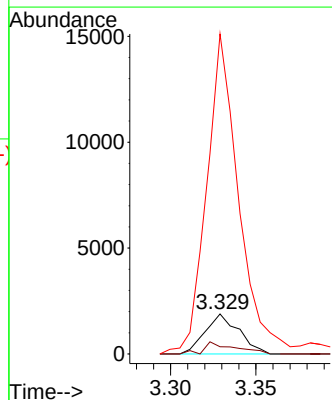
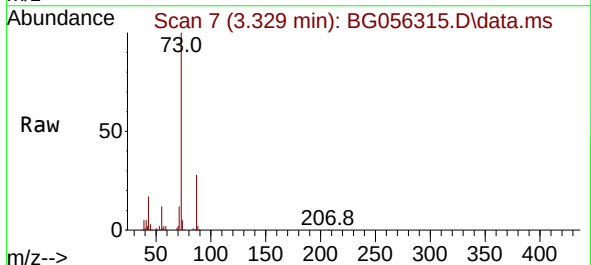
Instrument :
 BNA_G
 ClientSampleId :
 EAST-WALL

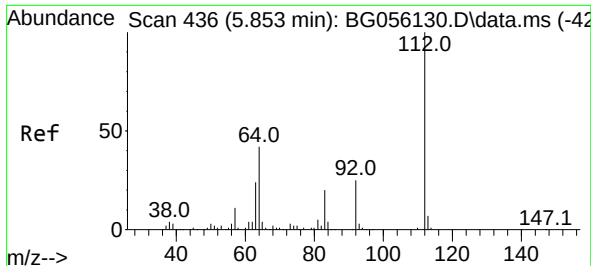
Tgt Ion:152 Resp: 47687
 Ion Ratio Lower Upper
 152 100
 150 148.3 127.9 191.9
 115 54.5 44.2 66.2



#2
 1,4-Dioxane
 Concen: 2.131 ng
 RT: 3.329 min Scan# 7
 Delta R.T. -0.317 min
 Lab File: BG056315.D
 Acq: 17 Jan 2023 16:02

Tgt Ion: 88 Resp: 2600
 Ion Ratio Lower Upper
 88 100
 58 27.6 21.4 32.0
 43 723.5 7.1 10.7#

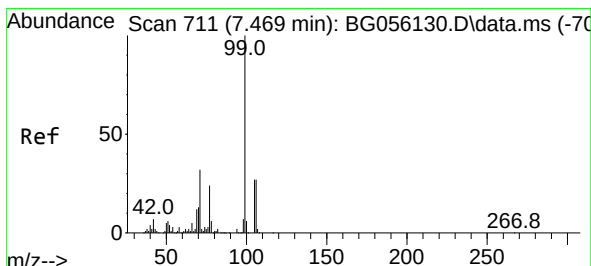
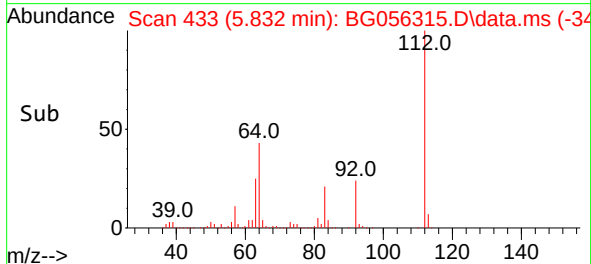
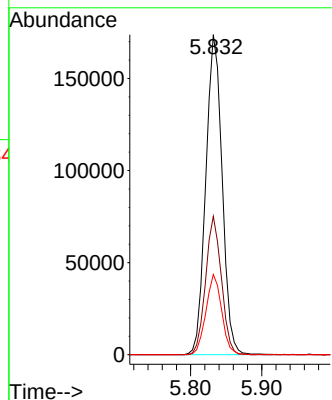
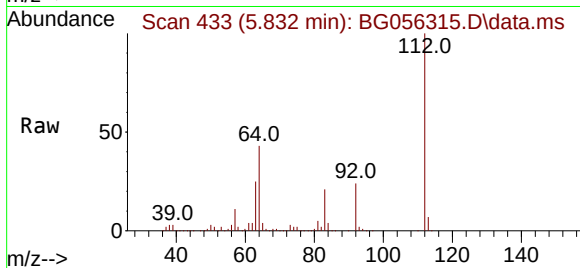




#5
2-Fluorophenol
Concen: 104.227 ng
RT: 5.832 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

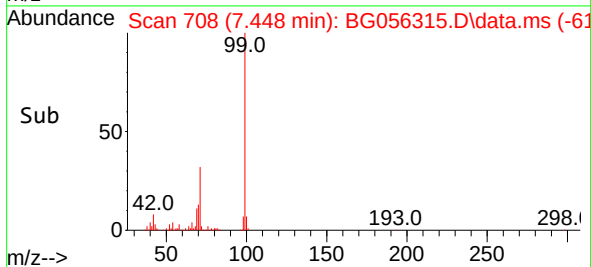
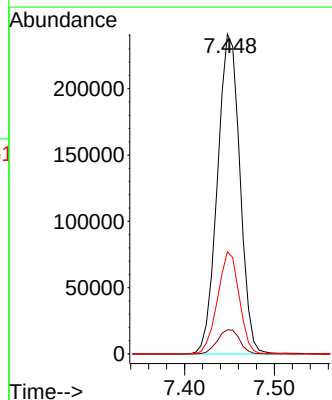
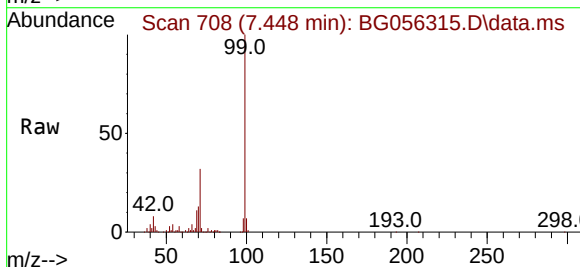
Instrument :
BNA_G
ClientSampleId :
EAST-WALL

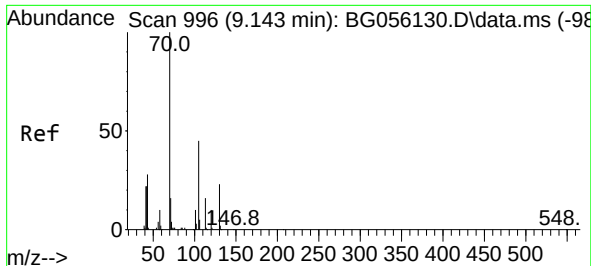
Tgt Ion:112 Resp: 278369
Ion Ratio Lower Upper
112 100
64 43.2 33.3 49.9
63 25.0 19.0 28.4



#7
Phenol-d6
Concen: 102.131 ng
RT: 7.448 min Scan# 708
Delta R.T. 0.001 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

Tgt Ion: 99 Resp: 418900
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 31.9 25.4 38.2

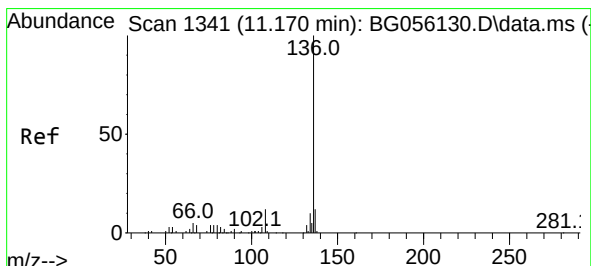
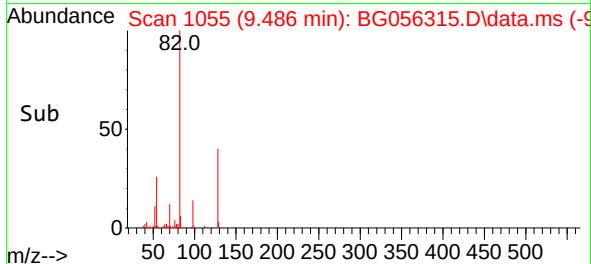
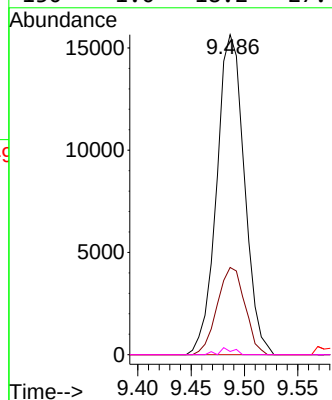
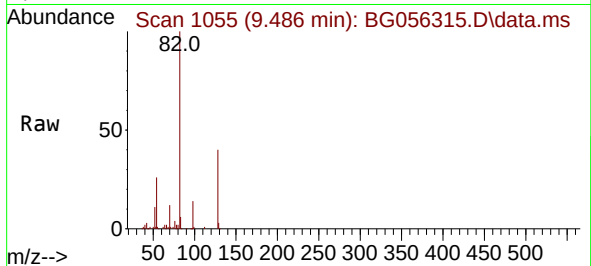




#19
n-Nitroso-di-n-propylamine
Concen: 11.313 ng
RT: 9.486 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

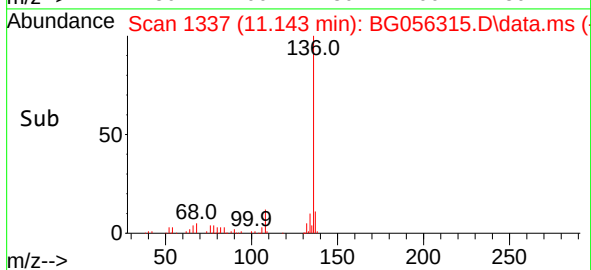
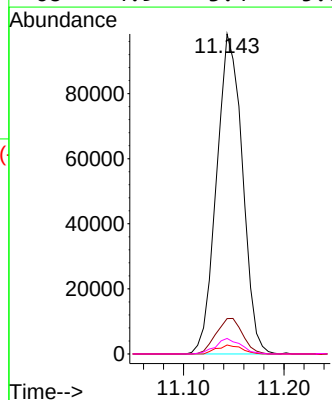
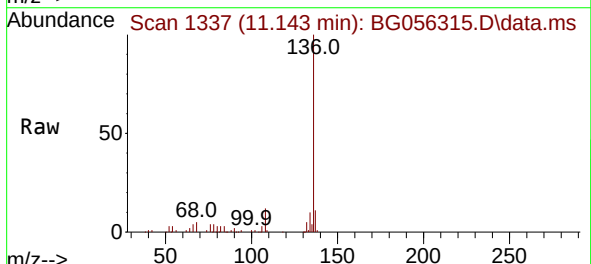
Instrument :
BNA_G
ClientSampleId :
EAST-WALL

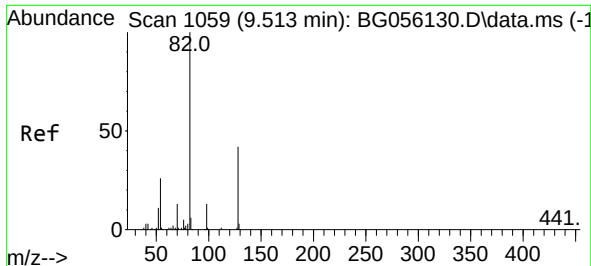
Tgt Ion: 70 Resp: 28217
Ion Ratio Lower Upper
70 100
42 27.3 18.2 27.2#
101 0.0 8.3 12.5#
130 1.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.143 min Scan# 1337
Delta R.T. -0.005 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

Tgt Ion: 136 Resp: 175674
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.8 2.2 3.2
68 4.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 66.894 ng

RT: 9.486 min Scan# 1055

Delta R.T. -0.005 min

Lab File: BG056315.D

Acq: 17 Jan 2023 16:02

Instrument :

BNA_G

ClientSampleId :

EAST-WALL

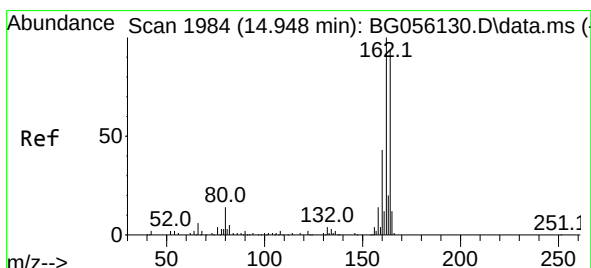
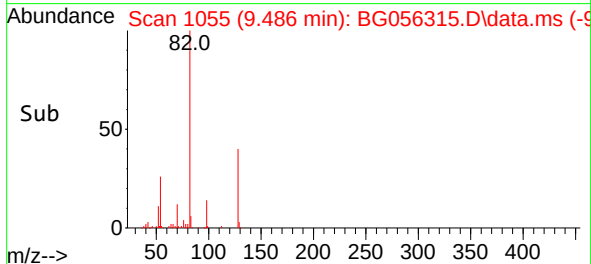
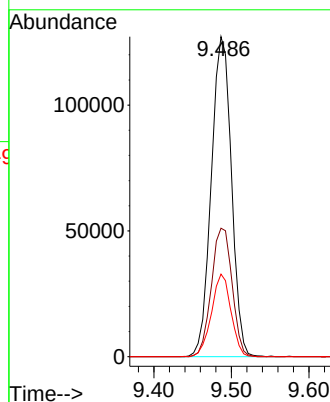
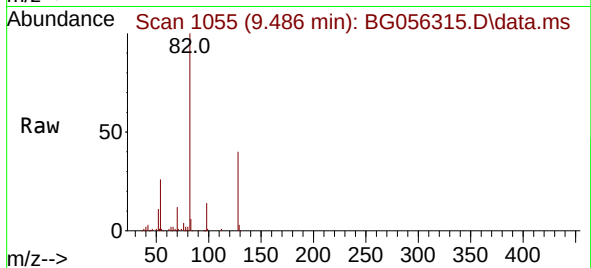
Tgt Ion: 82 Resp: 229739

Ion Ratio Lower Upper

82 100

128 40.1 33.4 50.2

54 25.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056315.D

Acq: 17 Jan 2023 16:02

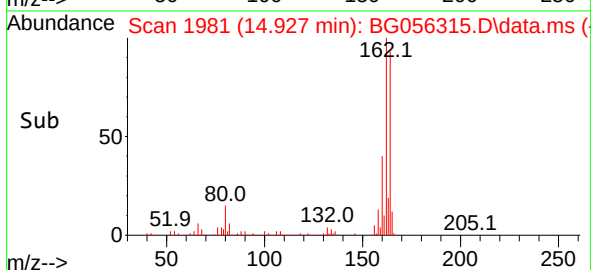
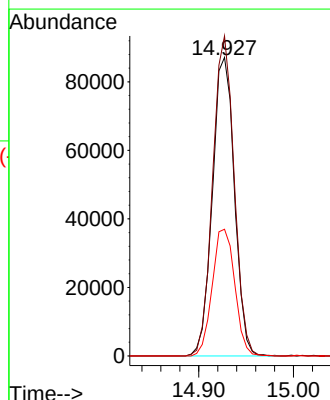
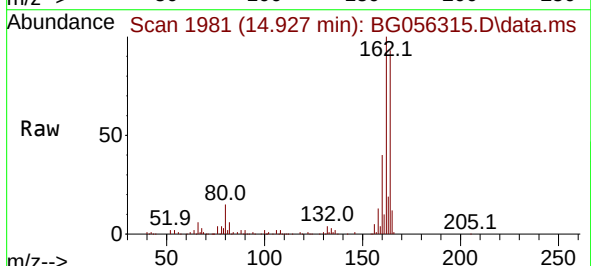
Tgt Ion:164 Resp: 140384

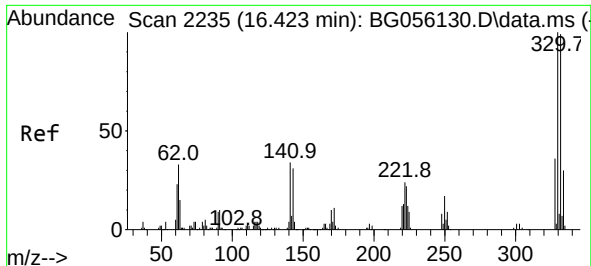
Ion Ratio Lower Upper

164 100

162 107.2 84.7 127.1

160 42.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 82.225 ng

RT: 16.408 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056315.D

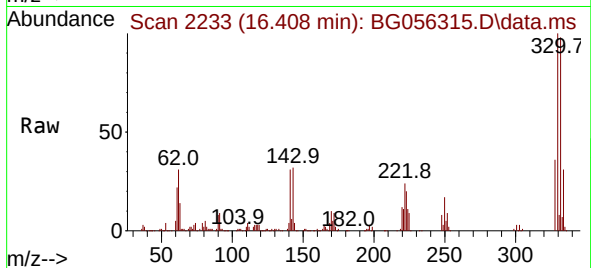
Acq: 17 Jan 2023 16:02

Instrument :

BNA_G

ClientSampleId :

EAST-WALL



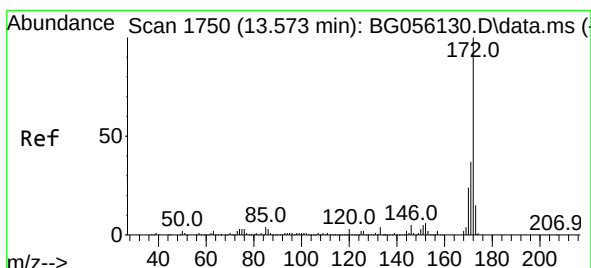
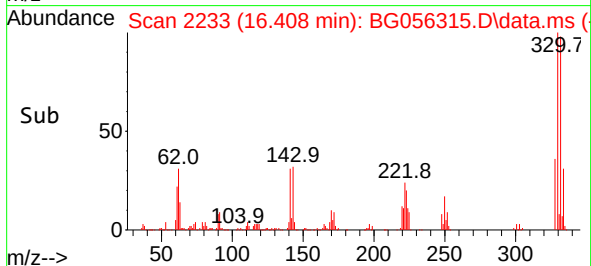
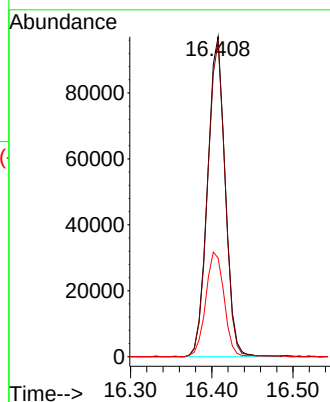
Tgt Ion:330 Resp: 146191

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 34.2 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 68.491 ng

RT: 13.552 min Scan# 1747

Delta R.T. -0.005 min

Lab File: BG056315.D

Acq: 17 Jan 2023 16:02

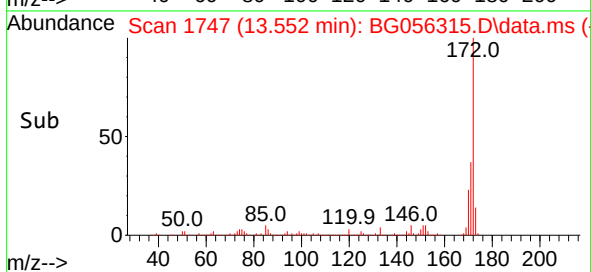
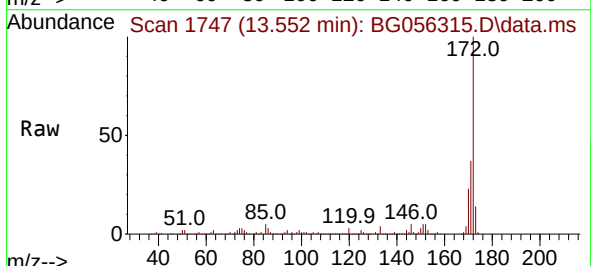
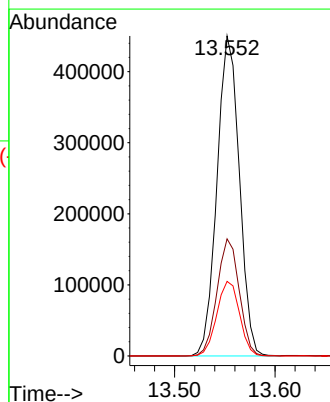
Tgt Ion:172 Resp: 696290

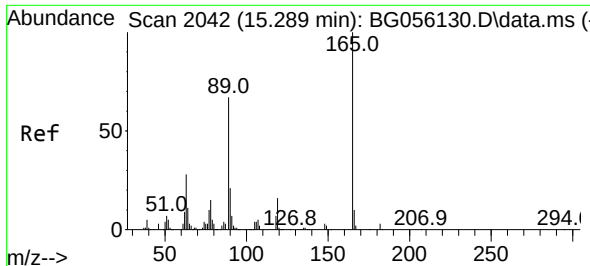
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 23.3 19.4 29.2

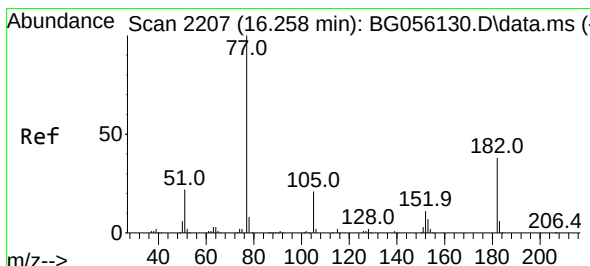
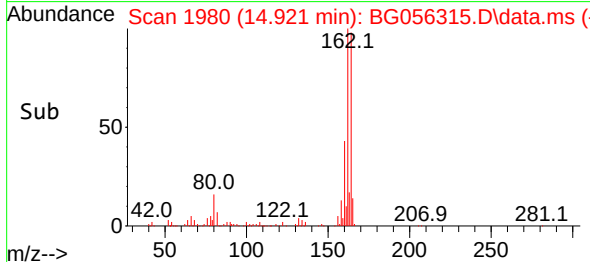
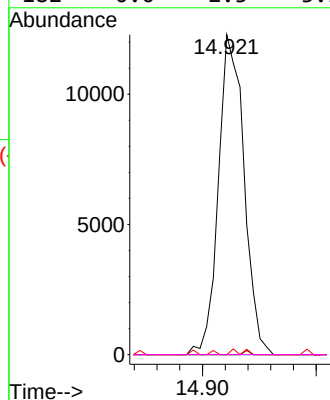
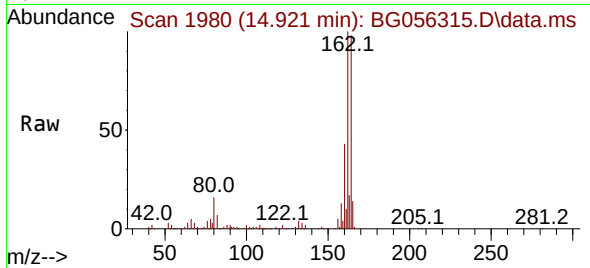




#57
2,4-Dinitrotoluene
Concen: 5.686 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.352 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

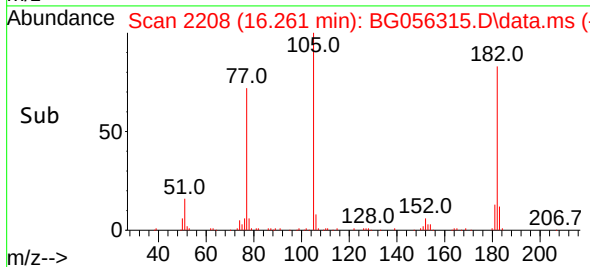
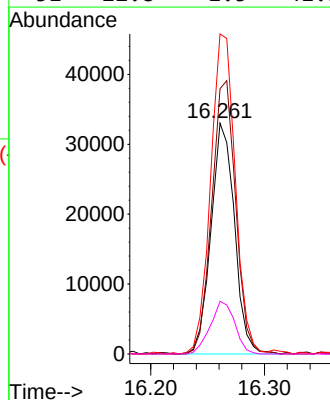
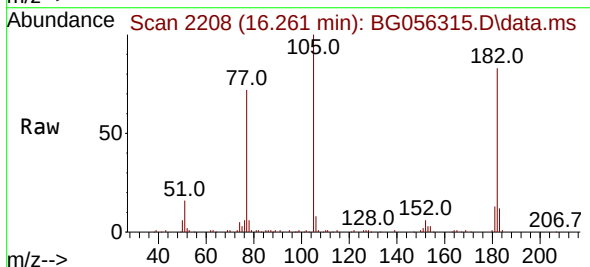
Instrument :
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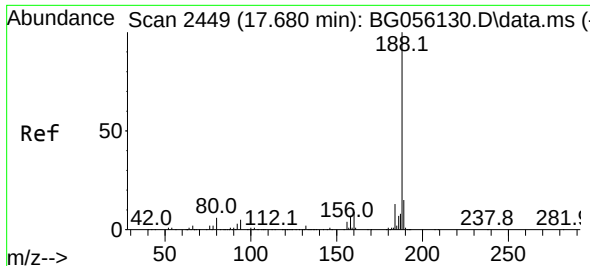
Tgt Ion:165 Resp: 19201
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 5.773 ng
RT: 16.261 min Scan# 2208
Delta R.T. 0.018 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

Tgt Ion: 77 Resp: 47348
Ion Ratio Lower Upper
77 100
182 115.0 18.5 58.5#
105 138.7 1.4 41.4#
51 22.8 1.5 41.5

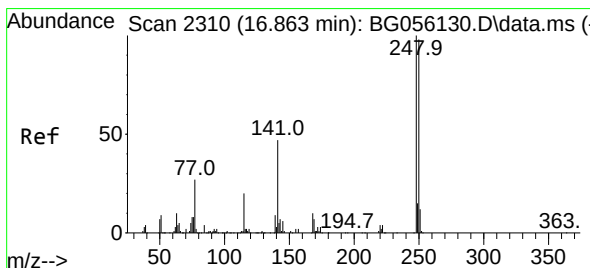
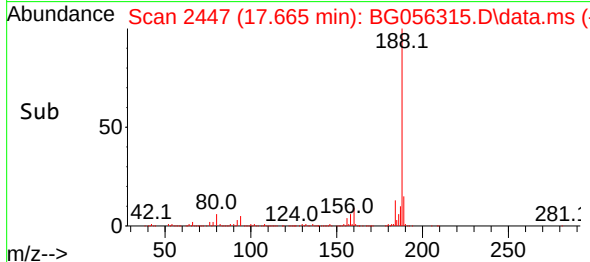
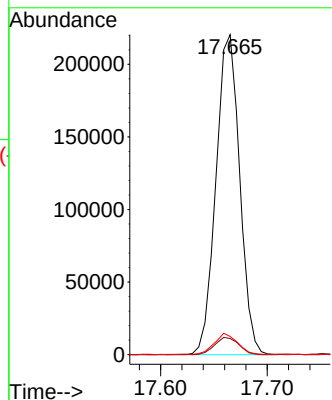
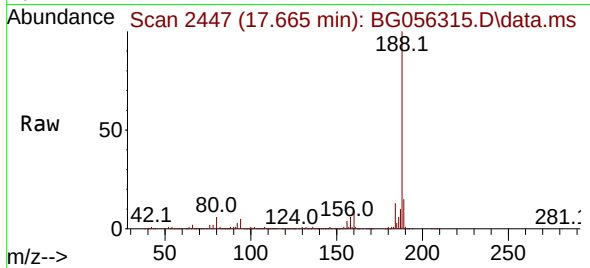




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

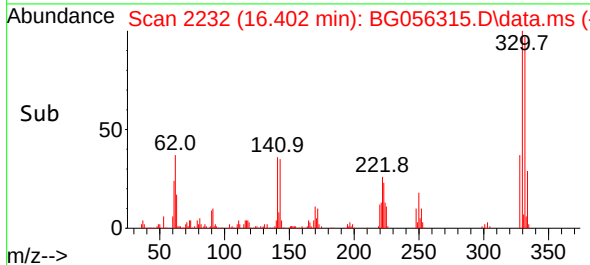
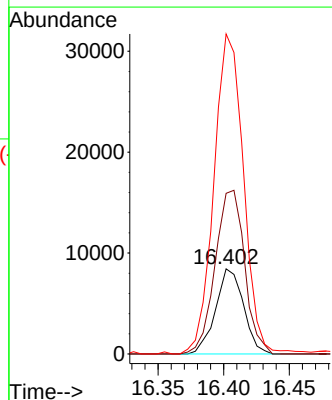
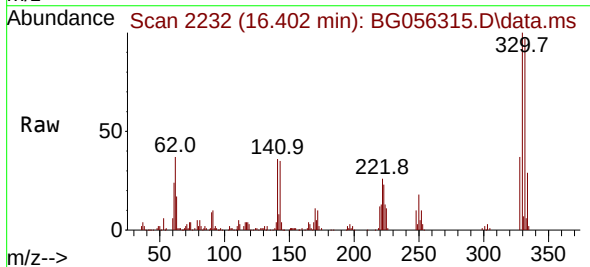
Instrument :
BNA_G
ClientSampleId :
EAST-WALL

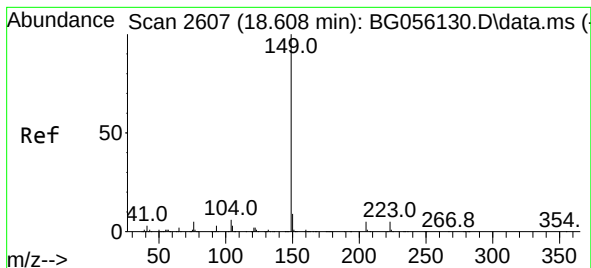
Tgt Ion:188 Resp: 340487
Ion Ratio Lower Upper
188 100
94 5.0 4.2 6.2
80 5.7 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 2.875 ng
RT: 16.402 min Scan# 2232
Delta R.T. -0.446 min
Lab File: BG056315.D
Acq: 17 Jan 2023 16:02

Tgt Ion:248 Resp: 12465
Ion Ratio Lower Upper
248 100
250 188.5 78.2 117.4#
141 375.7 37.6 56.4#





#74

Di-n-butylphthalate

Concen: 2.821 ng

RT: 18.593 min Scan# 2

Delta R.T. 0.000 min

Lab File: BG056315.D

Acq: 17 Jan 2023 16:02

Instrument :

BNA_G

ClientSampleId :

EAST-WALL

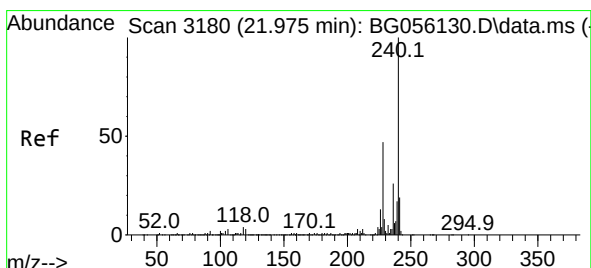
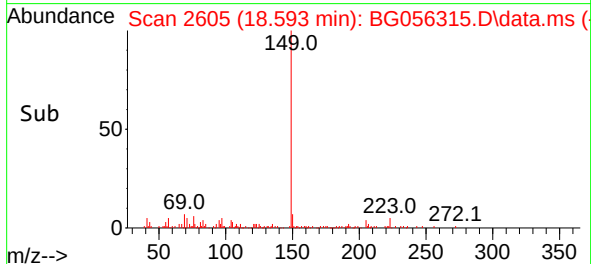
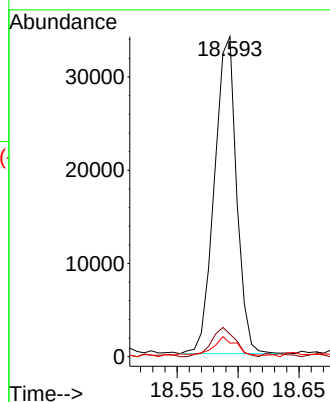
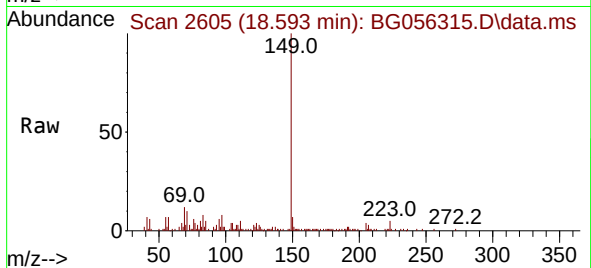
Tgt Ion:149 Resp: 43028

Ion Ratio Lower Upper

149 100

150 7.1 7.4 11.2#

104 4.3 4.4 6.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.960 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BG056315.D

Acq: 17 Jan 2023 16:02

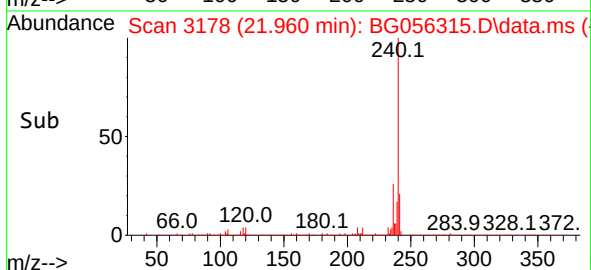
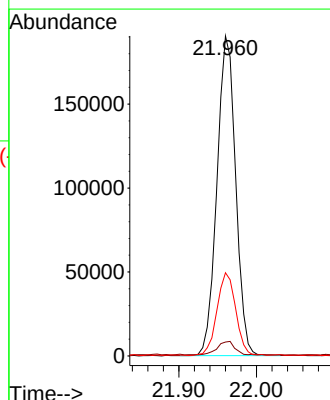
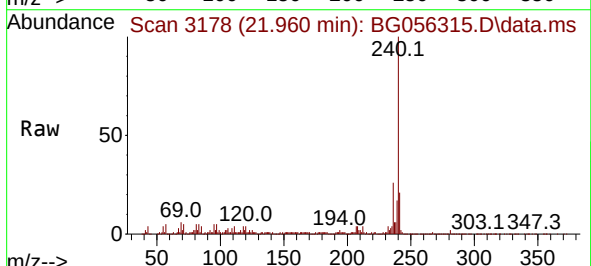
Tgt Ion:240 Resp: 318764

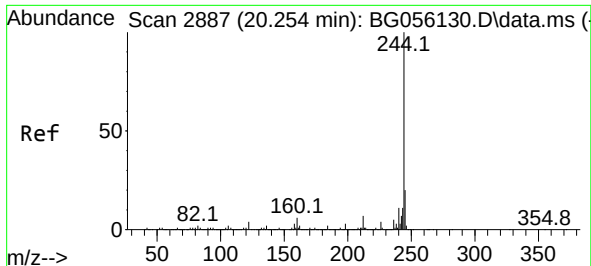
Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0#

236 26.0 20.8 31.2

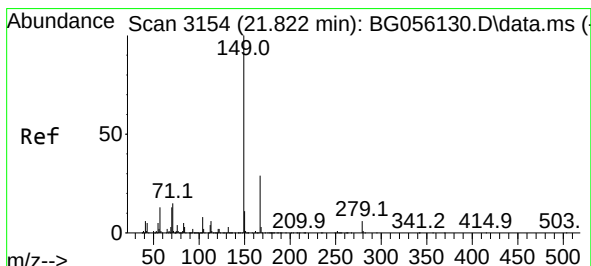
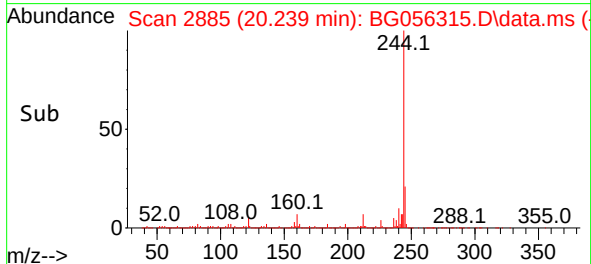
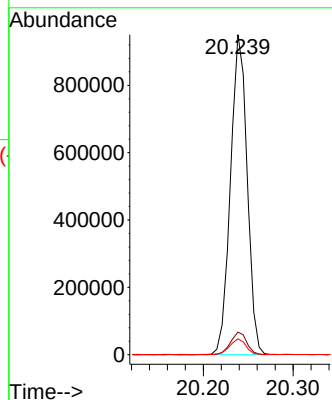
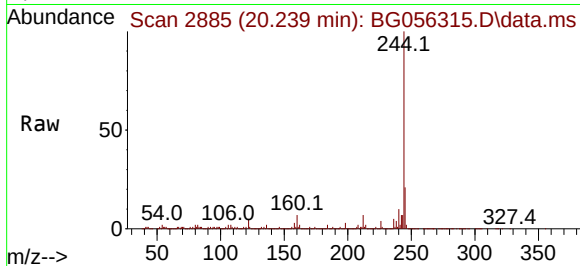




#79
 Terphenyl-d14
 Concen: 68.719 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056315.D
 Acq: 17 Jan 2023 16:02

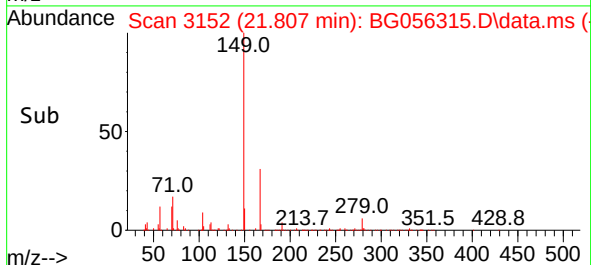
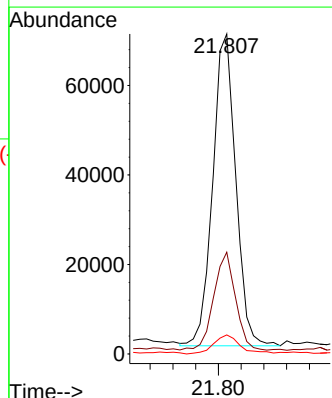
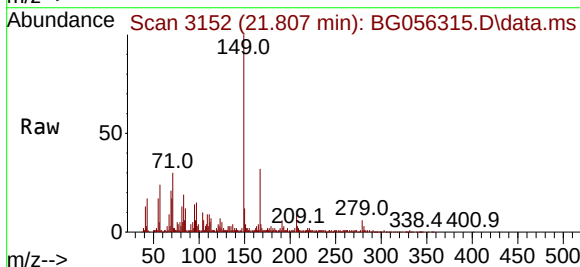
Instrument :
 BNA_G
 ClientSampleId :
 EAST-WALL

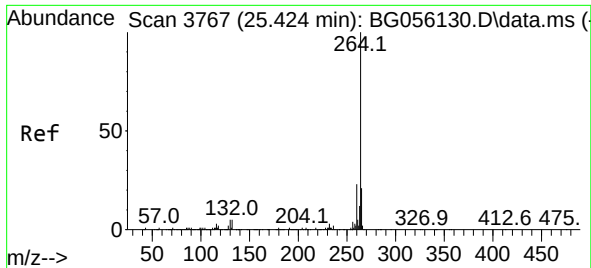
Tgt Ion:244 Resp: 1223027
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.9 3.5 5.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.539 ng
 RT: 21.807 min Scan# 3152
 Delta R.T. 0.001 min
 Lab File: BG056315.D
 Acq: 17 Jan 2023 16:02

Tgt Ion:149 Resp: 97867
 Ion Ratio Lower Upper
 149 100
 167 31.8 23.4 35.2
 279 5.9 4.7 7.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.409 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BG056315.D
 Acq: 17 Jan 2023 16:02

Instrument :
 BNA_G
 ClientSampleId :
 EAST-WALL

Tgt Ion:264 Resp: 362984
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.6 28.0
 265 20.1 16.7 25.1

