

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
 Data File : BG055117.D
 Acq On : 10 Oct 2022 18:04
 Operator : CG/JU
 Sample : N5054-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 510A-1

Quant Time: Oct 11 04:05:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

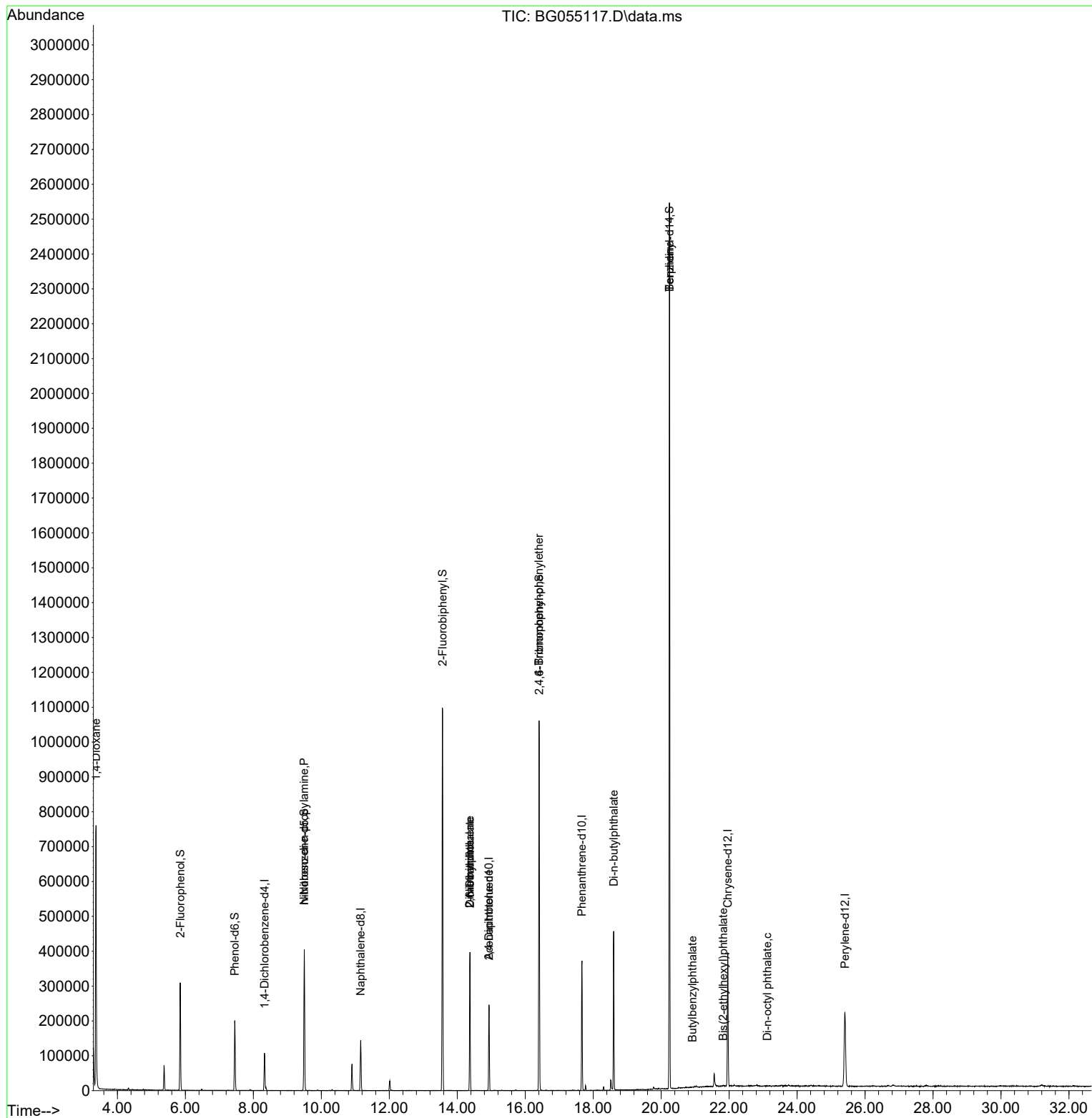
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	29984	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	123450	20.000	ng	0.00
39) Acenaphthene-d10	14.933	164	88395	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	237547	20.000	ng	0.00
76) Chrysene-d12	21.960	240	245260	20.000	ng	0.00
86) Perylene-d12	25.409	264	257830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.849	112	129926	96.246	ng	0.00
7) Phenol-d6	7.453	99	108769	53.776	ng	0.00
23) Nitrobenzene-d5	9.498	82	235823	114.146	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	214316	228.310	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	579731	102.385	ng	0.00
79) Terphenyl-d14	20.244	244	1275907	105.148	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	7154	9.366	ng	# 1
19) n-Nitroso-di-n-propyla...	9.498	70	33263	16.977	ng	# 76
48) 2-Nitroaniline	14.375	65	2605	5.816	ng	# 1
50) Dimethylphthalate	14.375	163	254033	42.342	ng	99
51) 2,6-Dinitrotoluene	14.375	165	2765	5.590	ng	# 20
57) 2,4-Dinitrotoluene	14.933	165	11705	10.057	ng	# 16
67) 4-Bromophenyl-phenylether	16.408	248	13387	5.329	ng	# 1
74) Di-n-butylphthalate	18.605	149	319951	28.773	ng	99
77) Benzidine	20.244	184	19160	4.535	ng	# 93
80) Butylbenzylphthalate	20.920	149	197	4.873	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.825	149	1394	4.268	ng	# 93
85) Di-n-octyl phthalate	23.123	149	236	4.358	ng	# 1

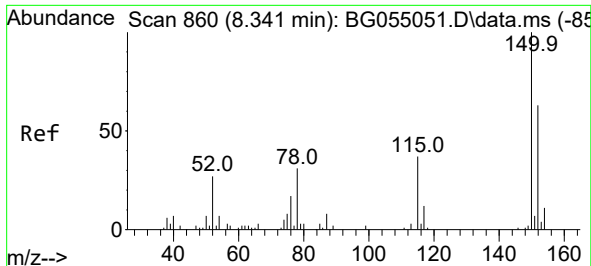
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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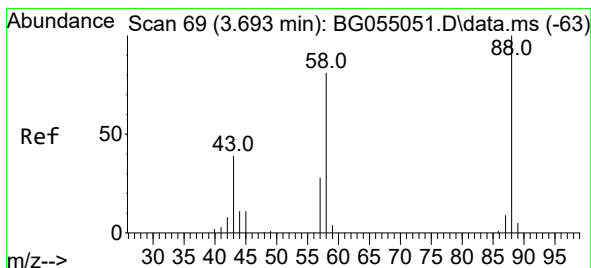
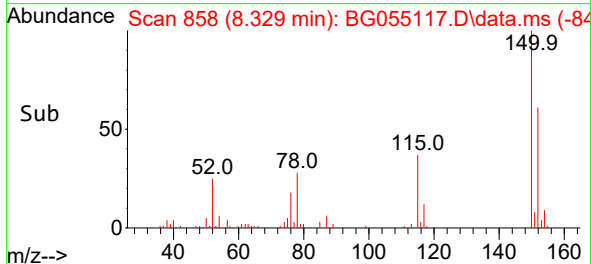
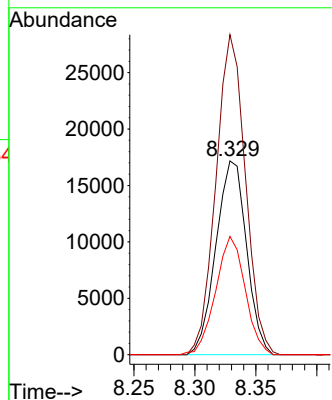
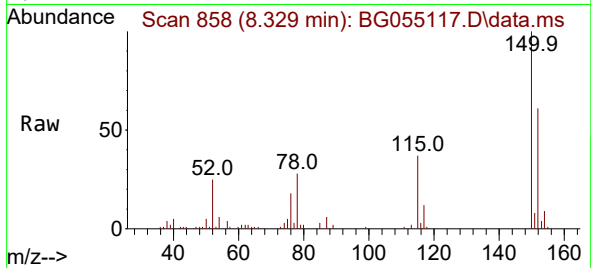




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

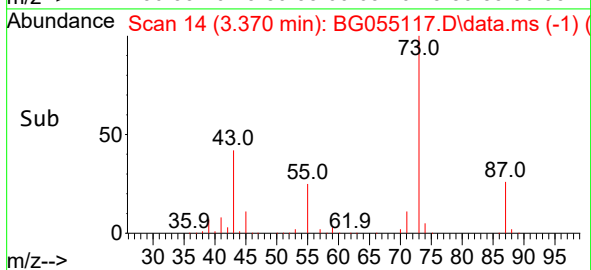
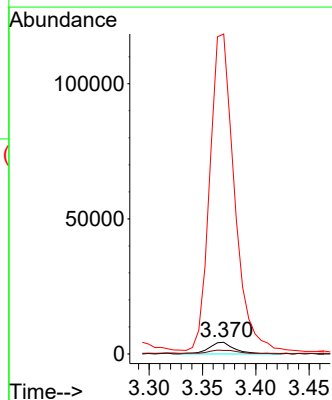
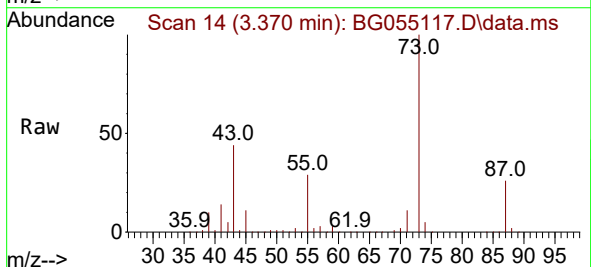
Instrument :
BNA_G
ClientSampleId :
510A-1

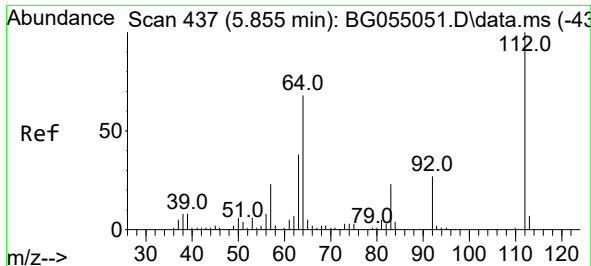
Tgt Ion:152 Resp: 29984
Ion Ratio Lower Upper
152 100
150 165.1 128.0 192.0
115 61.0 47.7 71.5



#2
1,4-Dioxane
Concen: 9.366 ng
RT: 3.370 min Scan# 14
Delta R.T. -0.314 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion: 88 Resp: 7154
Ion Ratio Lower Upper
88 100
58 46.6 62.6 94.0#
43 2640.6 29.0 43.6#

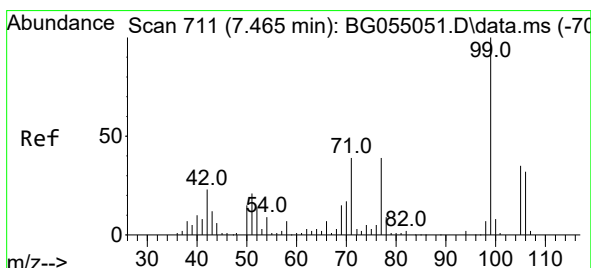
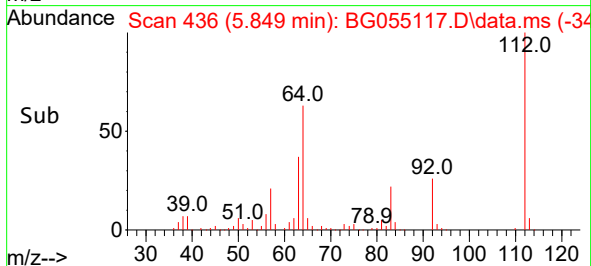
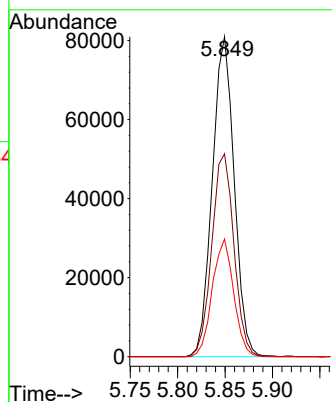
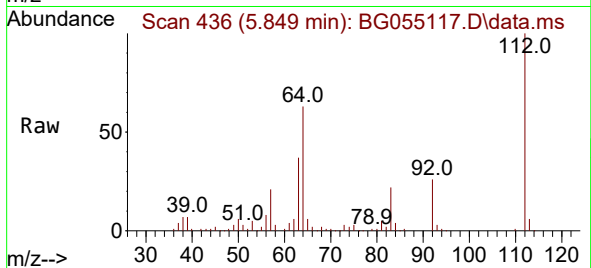




#5
2-Fluorophenol
Concen: 96.246 ng
RT: 5.849 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

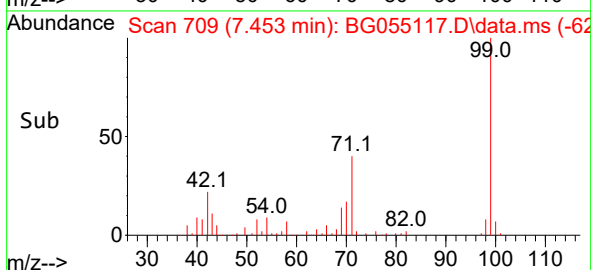
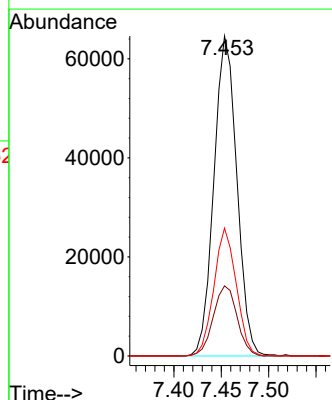
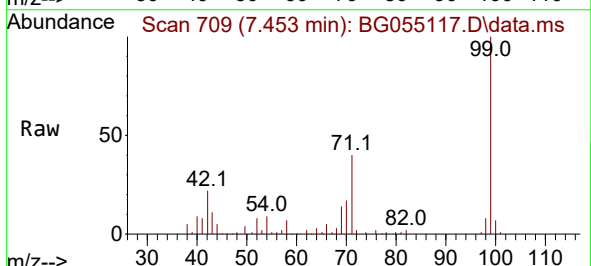
Instrument :
BNA_G
ClientSampleId :
510A-1

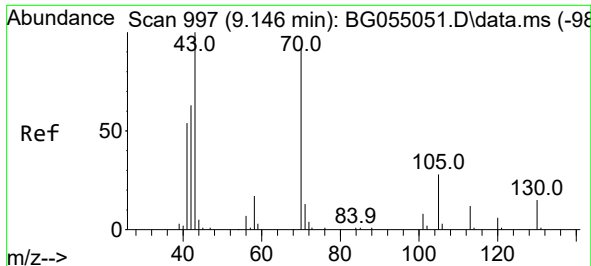
Tgt Ion:112 Resp: 129926
Ion Ratio Lower Upper
112 100
64 63.4 54.5 81.7
63 36.8 30.5 45.7



#7
Phenol-d6
Concen: 53.776 ng
RT: 7.453 min Scan# 709
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion: 99 Resp: 108769
Ion Ratio Lower Upper
99 100
42 21.9 18.6 28.0
71 40.0 31.2 46.8

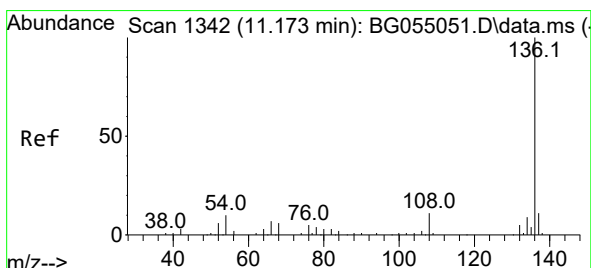
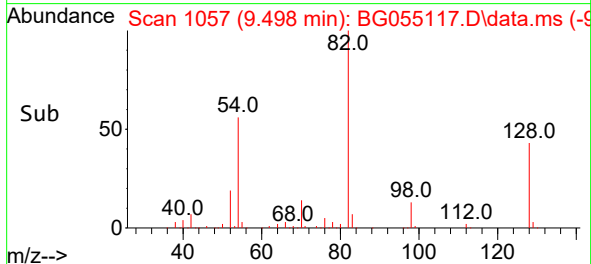
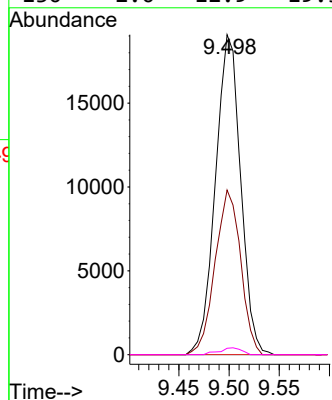
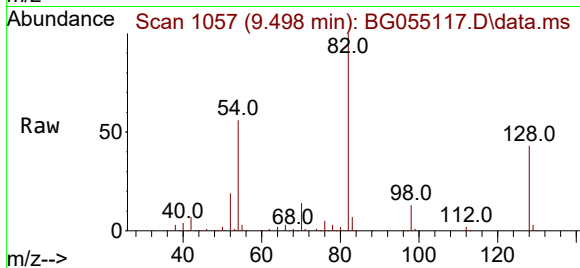




#19
n-Nitroso-di-n-propylamine
Concen: 16.977 ng
RT: 9.498 min Scan# 1057
Delta R.T. 0.361 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

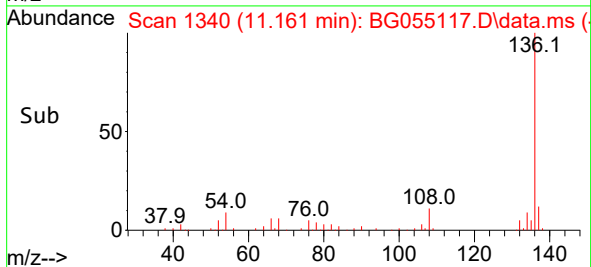
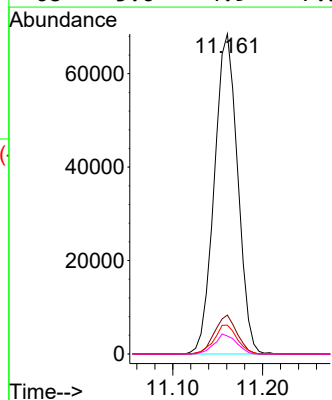
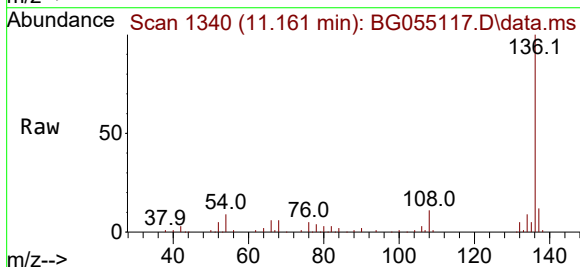
Instrument :
BNA_G
ClientSampleId :
510A-1

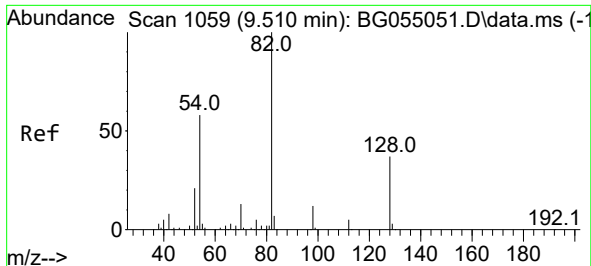
Tgt Ion: 70 Resp: 33263
Ion Ratio Lower Upper
70 100
42 51.5 55.8 83.6#
101 0.0 7.1 10.7#
130 2.0 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1340
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:136 Resp: 123450
Ion Ratio Lower Upper
136 100
137 12.1 8.7 13.1
54 9.0 8.2 12.4
68 5.6 4.9 7.3

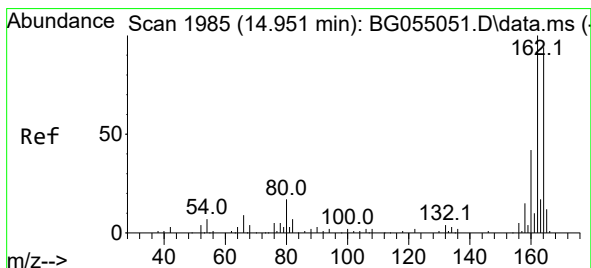
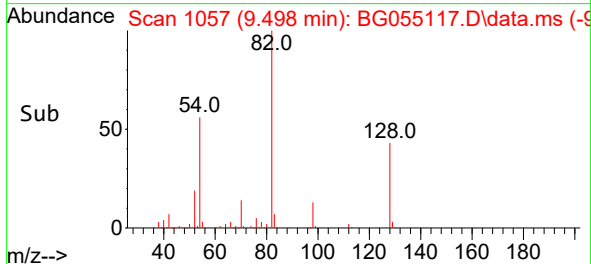
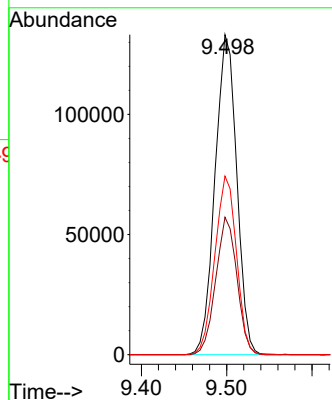
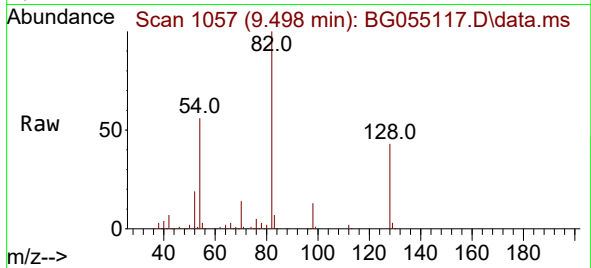




#23
Nitrobenzene-d5
Concen: 114.146 ng
RT: 9.498 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

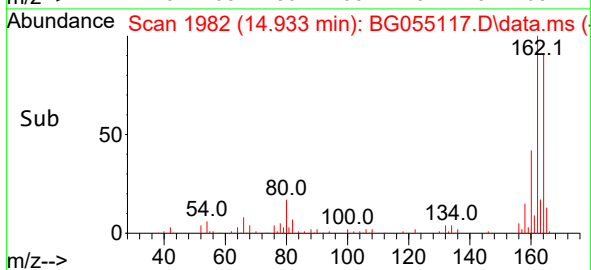
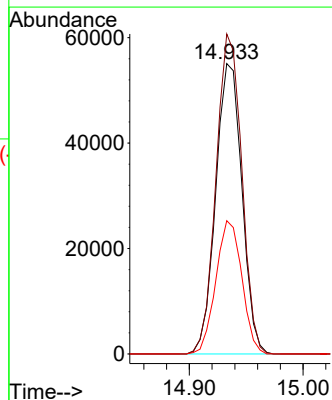
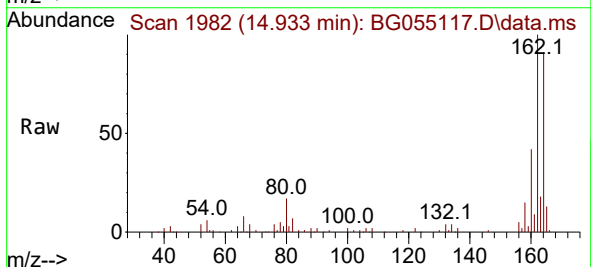
Instrument :
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ClientSampleId :
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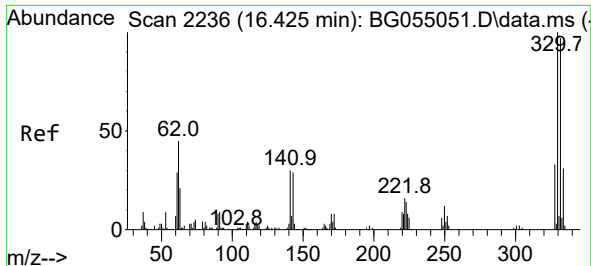
Tgt Ion: 82 Resp: 235823
Ion Ratio Lower Upper
82 100
128 42.9 29.5 44.3
54 55.8 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:164 Resp: 88395
Ion Ratio Lower Upper
164 100
162 110.2 85.5 128.3
160 45.9 35.5 53.3

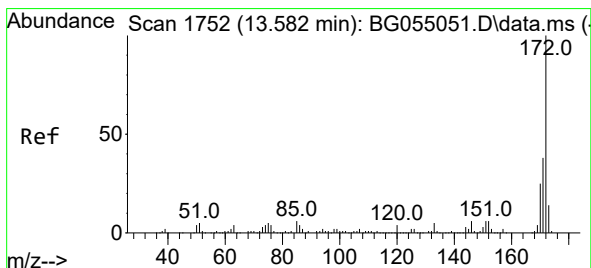
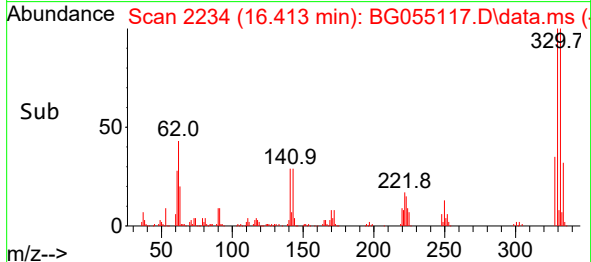
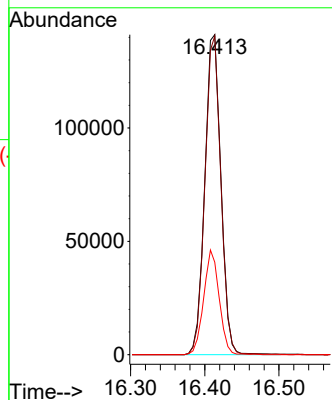
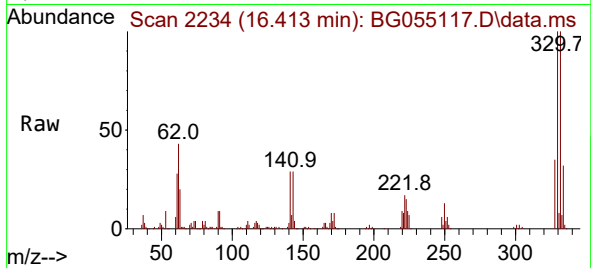




#42
2,4,6-Tribromophenol
Concen: 228.310 ng
RT: 16.413 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

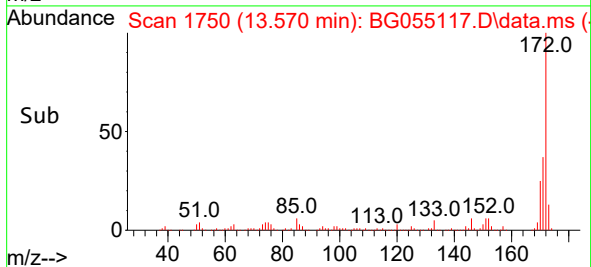
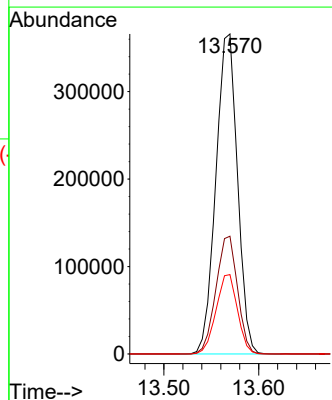
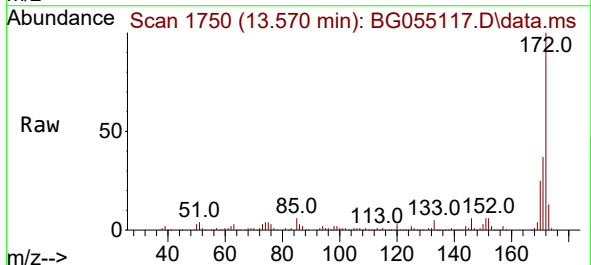
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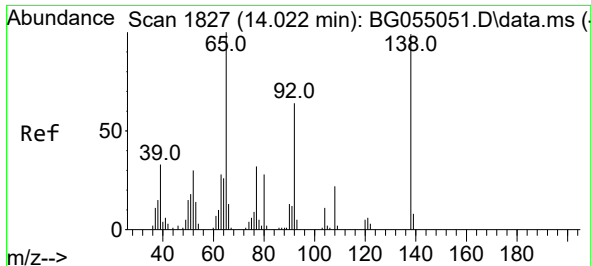
Tgt Ion:330 Resp: 214316
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 31.4 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 102.385 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:172 Resp: 579731
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 24.8 20.0 30.0

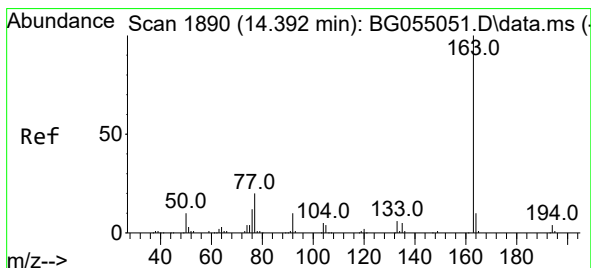
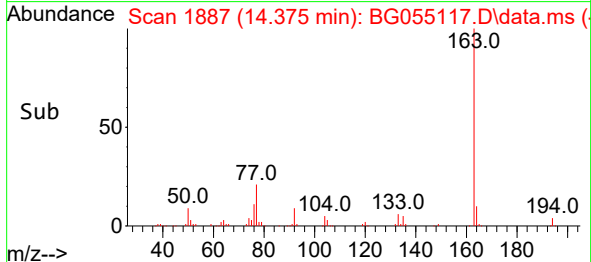
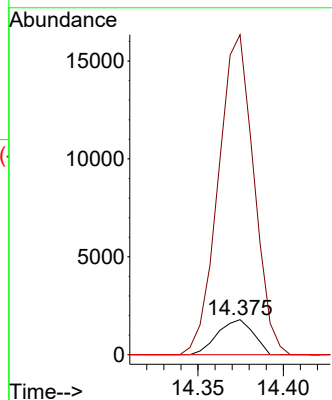
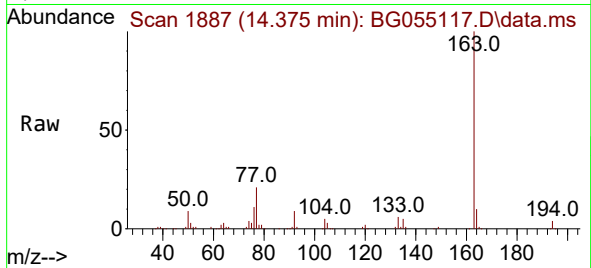




#48
2-Nitroaniline
Concen: 5.816 ng
RT: 14.375 min Scan# 1887
Delta R.T. 0.355 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

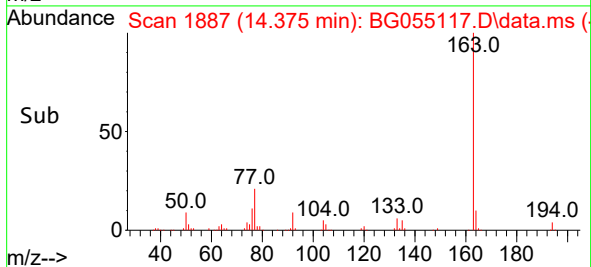
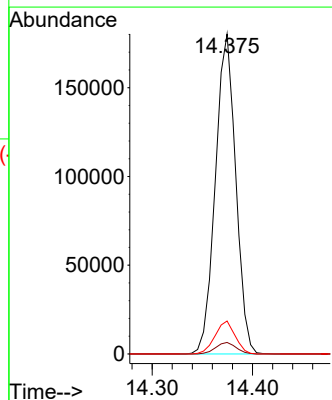
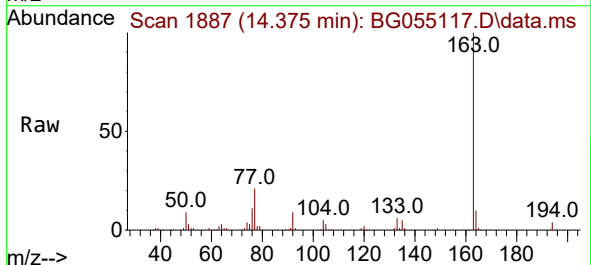
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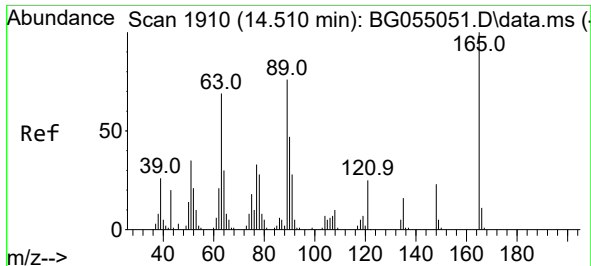
Tgt Ion: 65 Resp: 2605
Ion Ratio Lower Upper
65 100
92 911.6 50.9 76.3#
138 0.0 79.5 119.3#



#50
Dimethylphthalate
Concen: 42.342 ng
RT: 14.375 min Scan# 1887
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:163 Resp: 254033
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.3 7.9 11.9

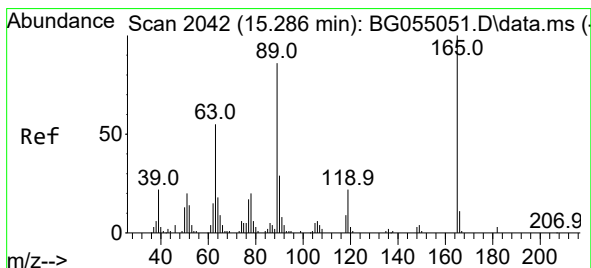
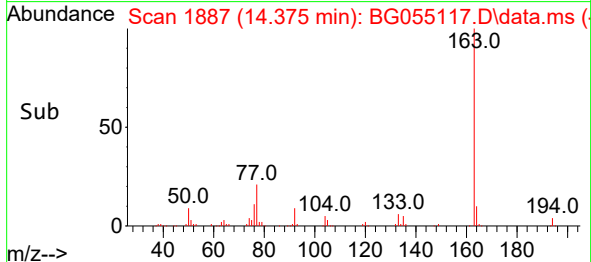
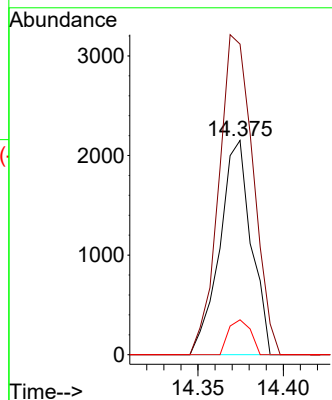
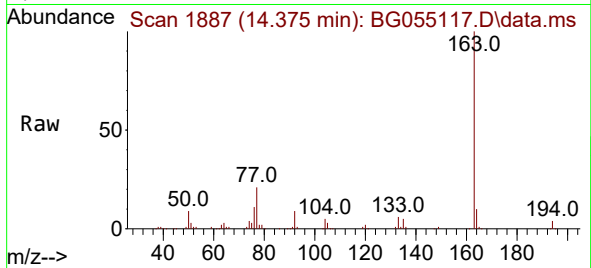




#51
2,6-Dinitrotoluene
Concen: 5.590 ng
RT: 14.375 min Scan# 11
Delta R.T. -0.132 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

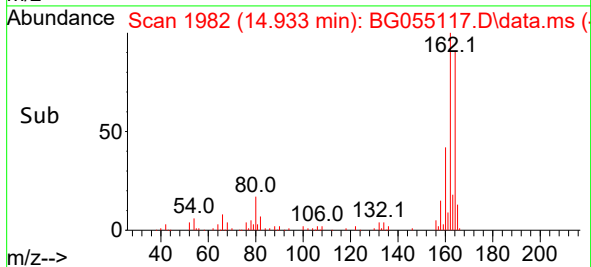
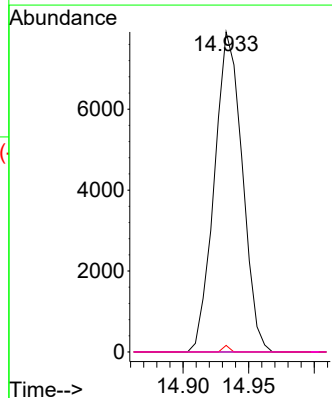
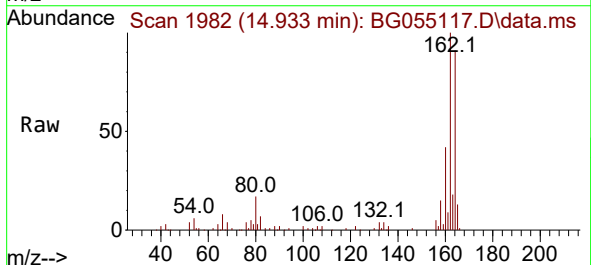
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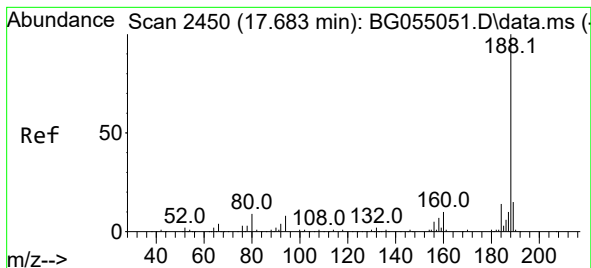
Tgt Ion:165 Resp: 2765
Ion Ratio Lower Upper
165 100
63 145.0 56.2 84.4#
89 16.3 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.057 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.350 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:165 Resp: 11705
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.0 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG055117.D

Acq: 10 Oct 2022 18:04

Instrument :

BNA_G

ClientSampleId :

510A-1

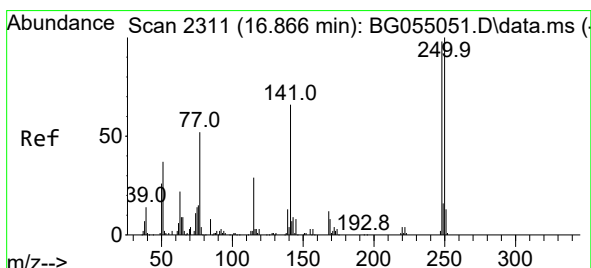
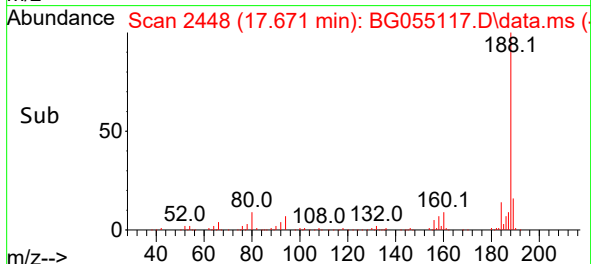
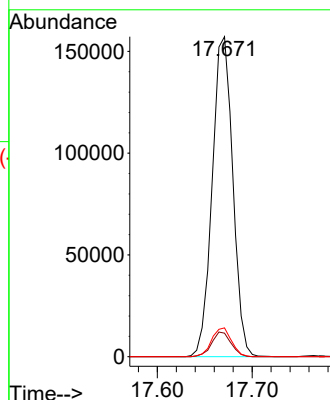
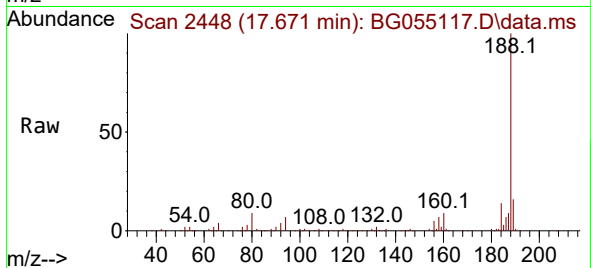
Tgt Ion:188 Resp: 237547

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.2

80 9.0 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 5.329 ng

RT: 16.408 min Scan# 2233

Delta R.T. -0.450 min

Lab File: BG055117.D

Acq: 10 Oct 2022 18:04

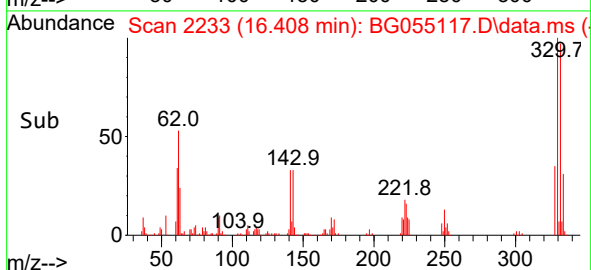
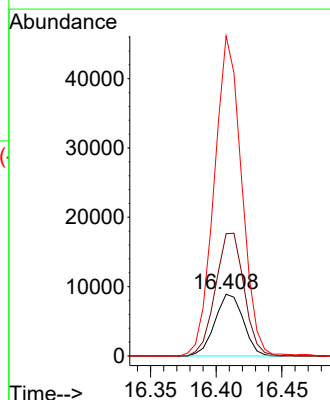
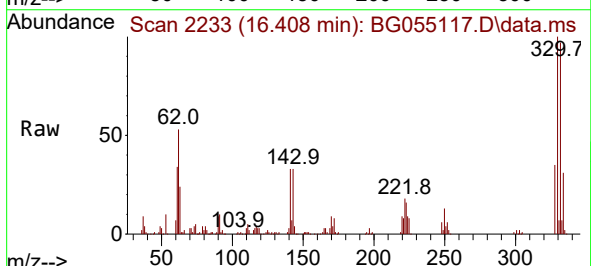
Tgt Ion:248 Resp: 13387

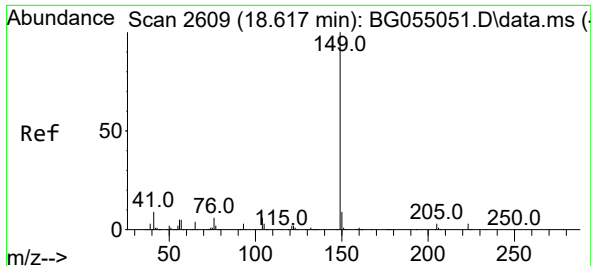
Ion Ratio Lower Upper

248 100

250 198.2 81.7 122.5#

141 518.7 53.7 80.5#

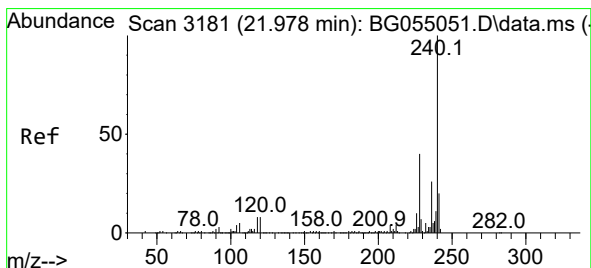
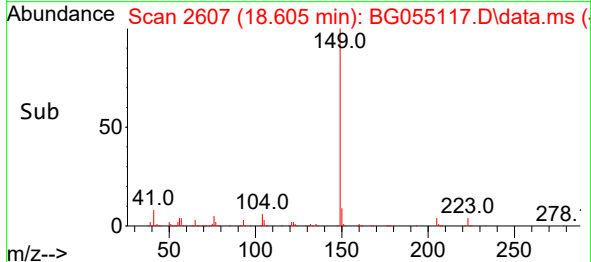
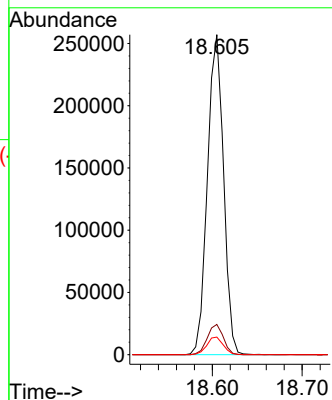
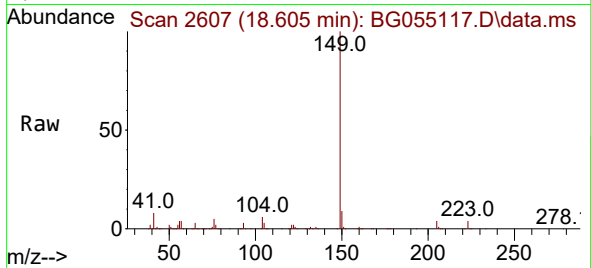




#74
Di-n-butylphthalate
Concen: 28.773 ng
RT: 18.605 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

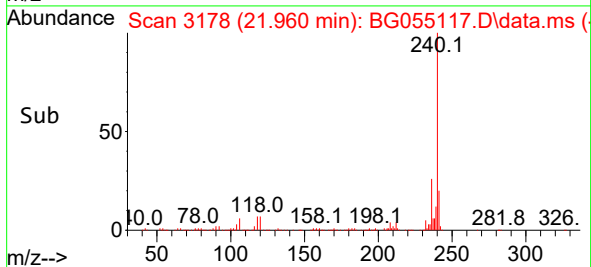
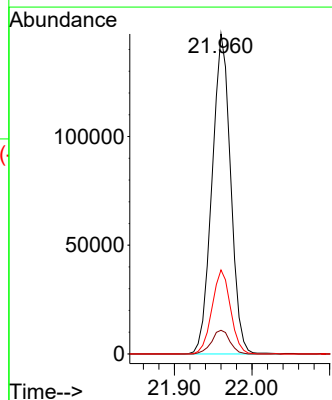
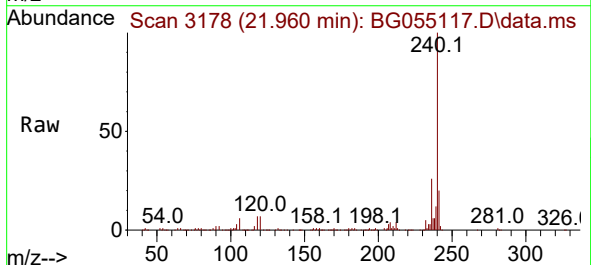
Instrument :
BNA_G
ClientSampleId :
510A-1

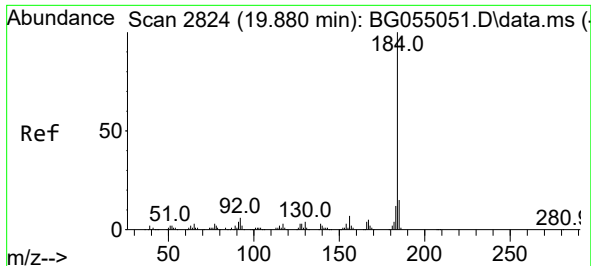
Tgt Ion:149 Resp: 319951
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.5 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3178
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:240 Resp: 245260
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 26.2 20.6 30.8

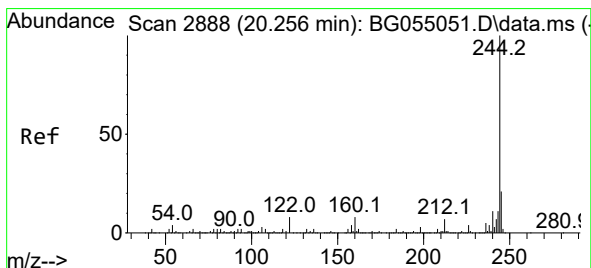
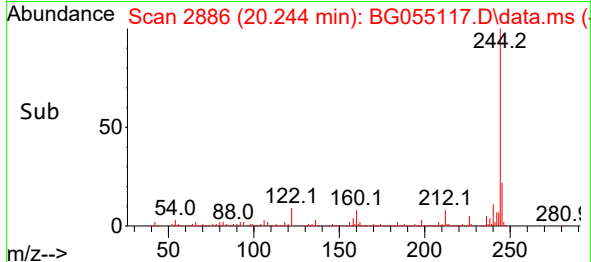
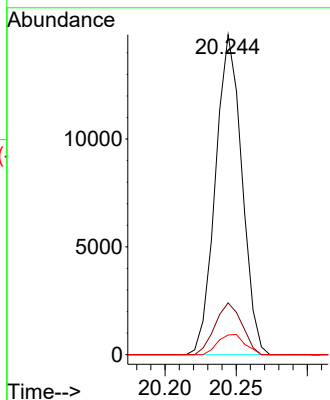
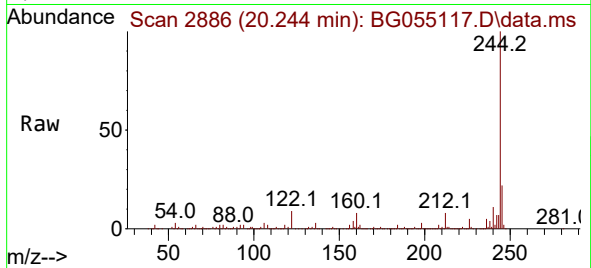




#77
Benzidine
Concen: 4.535 ng
RT: 20.244 min Scan# 2886
Delta R.T. 0.373 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

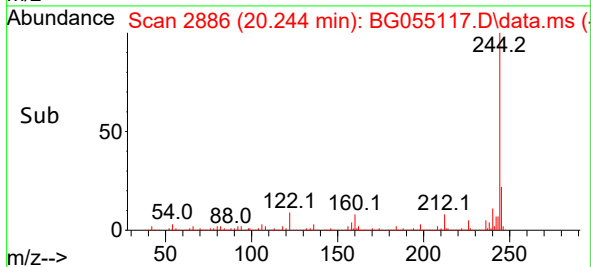
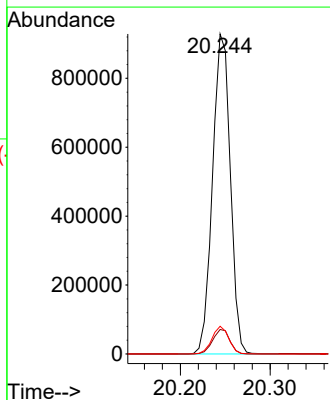
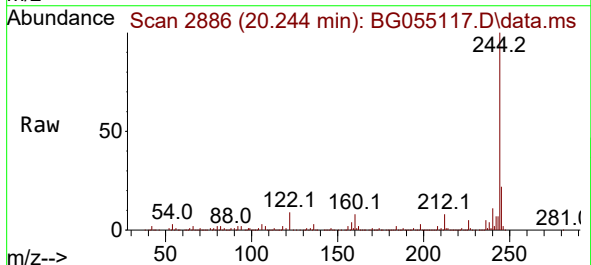
Instrument :
BNA_G
ClientSampleId :
510A-1

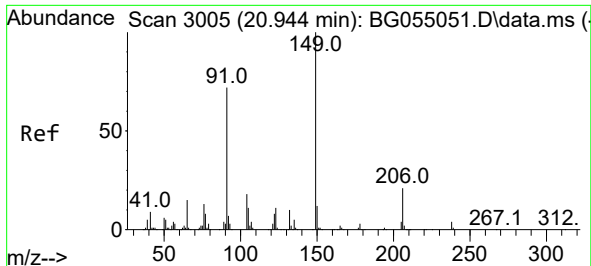
Tgt Ion:184 Resp: 19160
Ion Ratio Lower Upper
184 100
185 16.2 12.2 18.4
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 105.148 ng
RT: 20.244 min Scan# 2886
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:244 Resp: 1275907
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.6 6.6 10.0

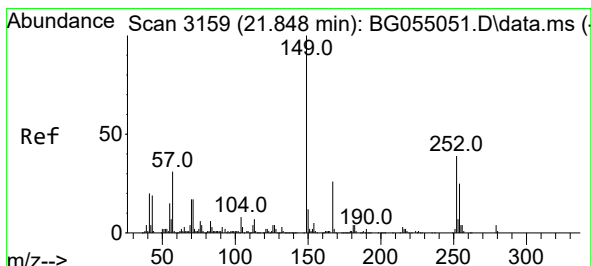
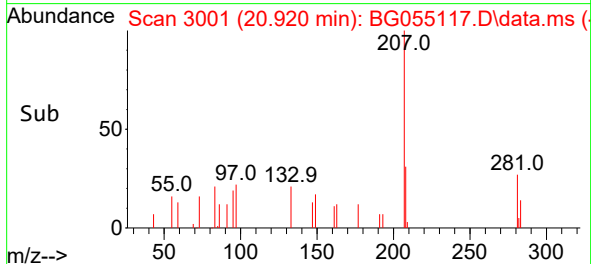
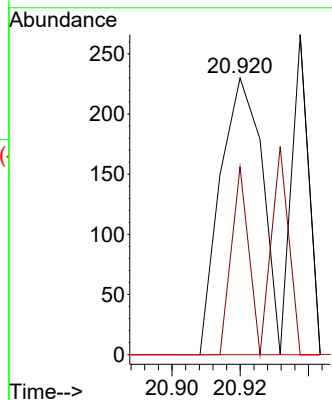
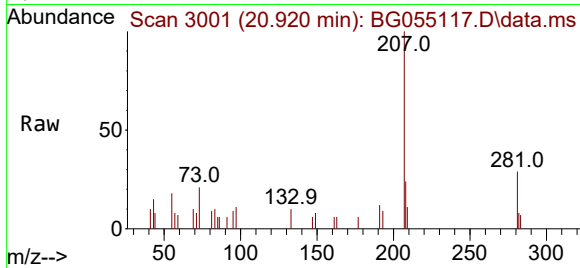




#80
 Butylbenzylphthalate
 Concen: 4.873 ng
 RT: 20.920 min Scan# 3005
 Delta R.T. -0.015 min
 Lab File: BG055117.D
 Acq: 10 Oct 2022 18:04

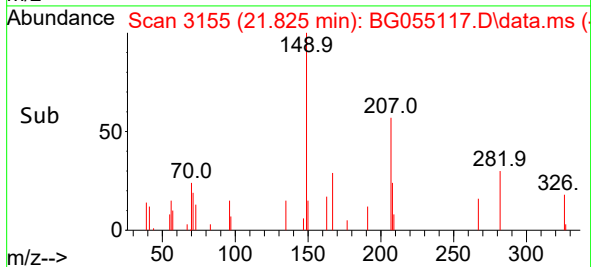
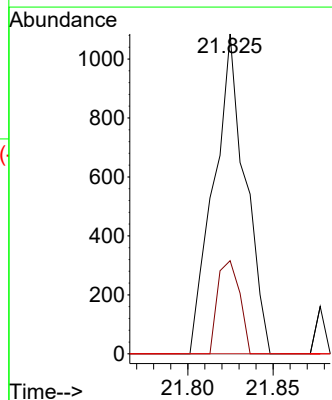
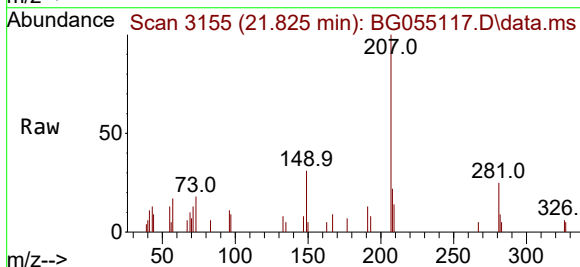
Instrument :
 BNA_G
 ClientSampleId :
 510A-1

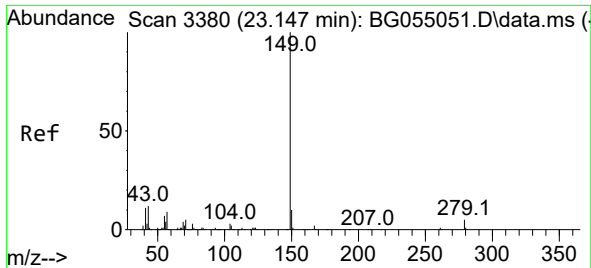
Tgt Ion:149 Resp: 197
 Ion Ratio Lower Upper
 149 100
 91 67.8 57.8 86.8
 206 0.0 16.9 25.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.268 ng
 RT: 21.825 min Scan# 3155
 Delta R.T. -0.009 min
 Lab File: BG055117.D
 Acq: 10 Oct 2022 18:04

Tgt Ion:149 Resp: 1394
 Ion Ratio Lower Upper
 149 100
 167 29.1 21.0 31.4
 279 0.0 3.4 5.2#

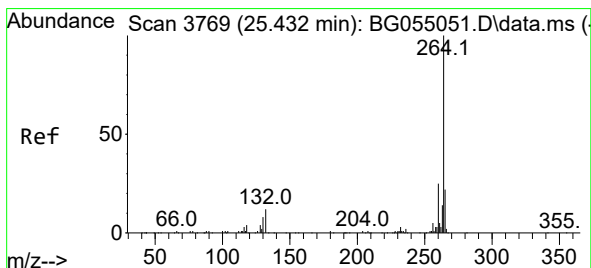
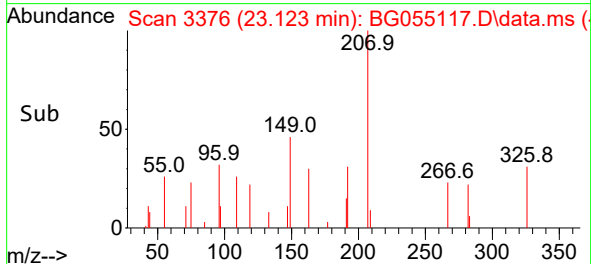
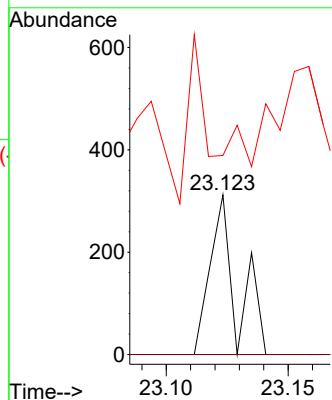
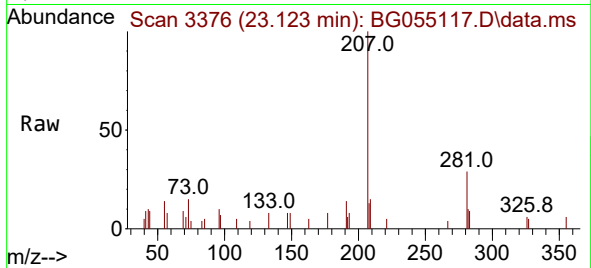




#85
Di-n-octyl phthalate
Concen: 4.358 ng
RT: 23.123 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Instrument :
BNA_G
ClientSampleId :
510A-1

Tgt Ion:149 Resp: 236
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 77.1 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 3765
Delta R.T. -0.009 min
Lab File: BG055117.D
Acq: 10 Oct 2022 18:04

Tgt Ion:264 Resp: 257830
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 22.5 17.8 26.6

