

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055095.D
 Acq On : 7 Oct 2022 11:05
 Operator : CG/JU
 Sample : PB148146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148146BL

Quant Time: Oct 08 03:08:16 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)

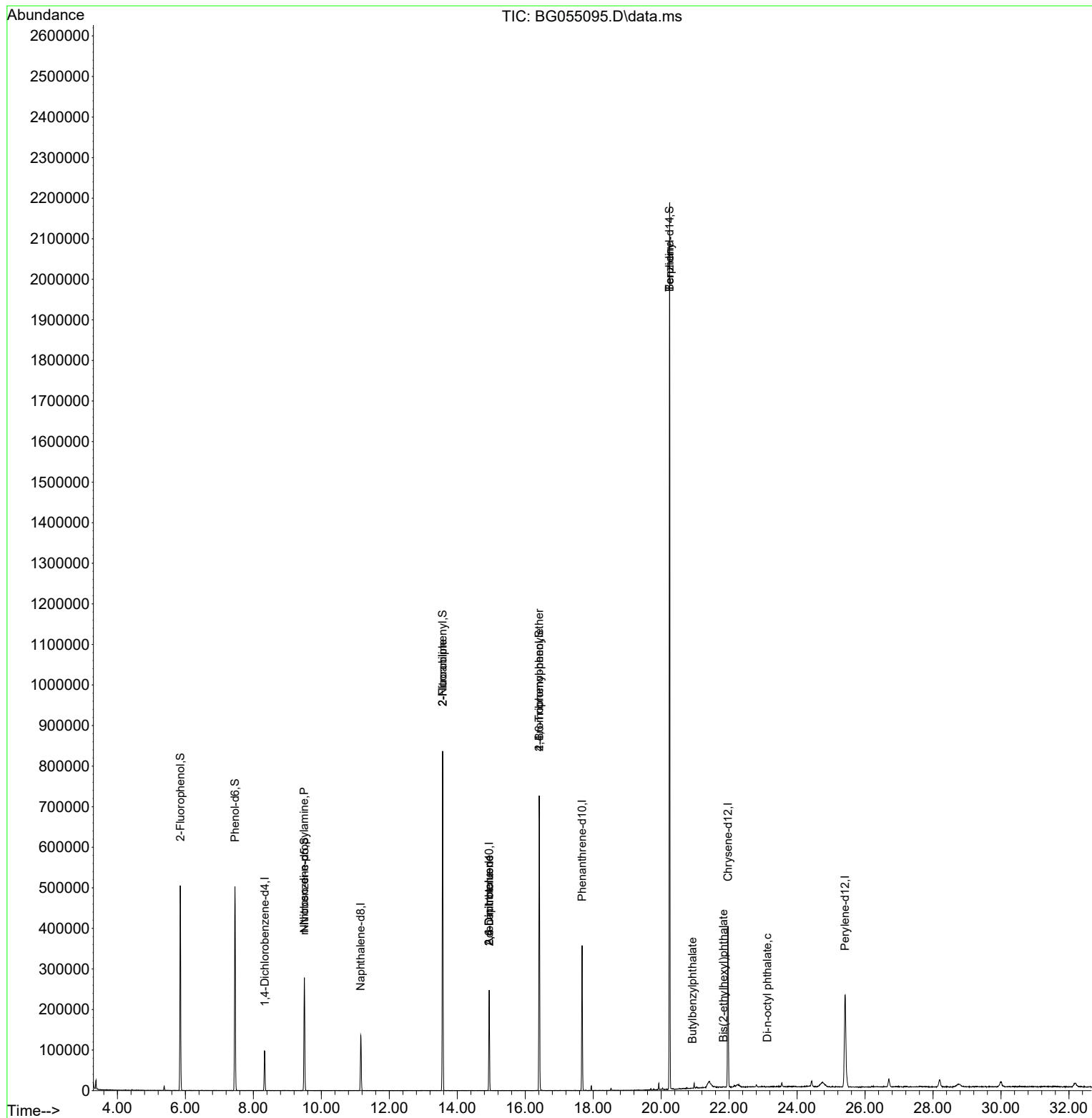
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	28960	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	118212	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	86830	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	233450	20.000	ng	0.00
76) Chrysene-d12	21.966	240	266076	20.000	ng	0.00
86) Perylene-d12	25.415	264	277269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	205963	157.967	ng	0.00
7) Phenol-d6	7.460	99	267587	136.974	ng	0.00
23) Nitrobenzene-d5	9.504	82	169624	85.742	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	150563	165.078	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	427888	76.930	ng	0.00
79) Terphenyl-d14	20.250	244	1061718	80.651	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.498	70	23851	12.604	ng	# 79
48) 2-Nitroaniline	13.570	65	717	4.568	ng	# 1
51) 2,6-Dinitrotoluene	14.939	165	11486	12.324	ng	# 13
57) 2,4-Dinitrotoluene	14.939	165	11486	10.051	ng	# 15
67) 4-Bromophenyl-phenylether	16.414	248	10002	4.051	ng	# 1
77) Benzidine	20.250	184	15528	3.388	ng	# 94
80) Butylbenzylphthalate	20.920	149	60	4.848	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.831	149	673	4.175	ng	# 54
85) Di-n-octyl phthalate	23.124	149	525	4.375	ng	# 1

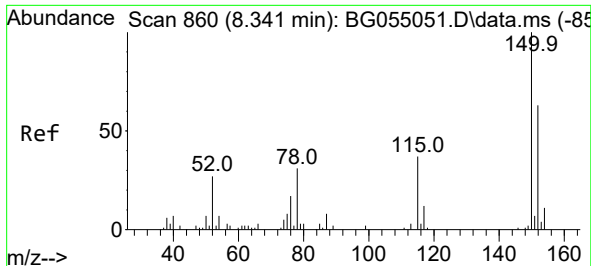
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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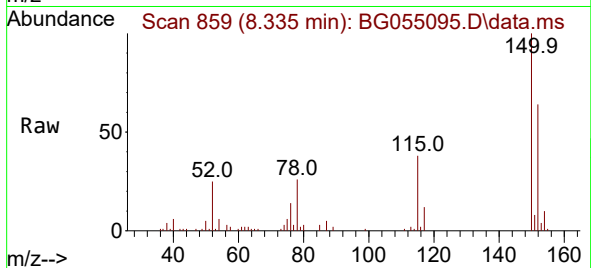
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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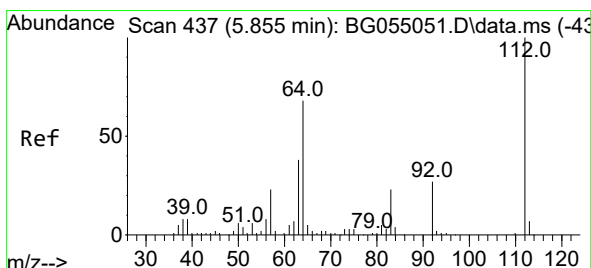
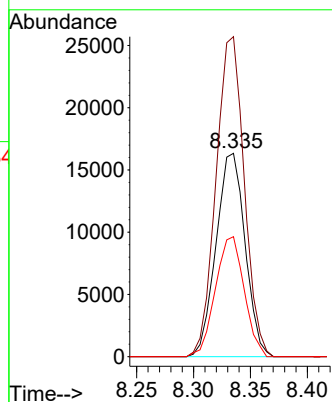
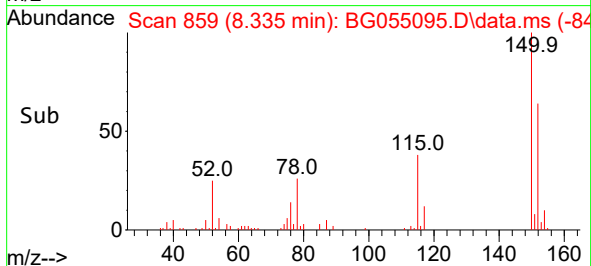


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

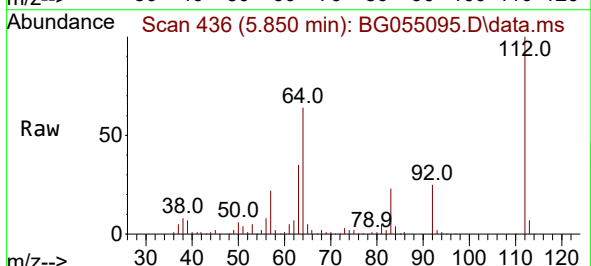
Instrument :
BNA_G
ClientSampleId :
PB148146BL



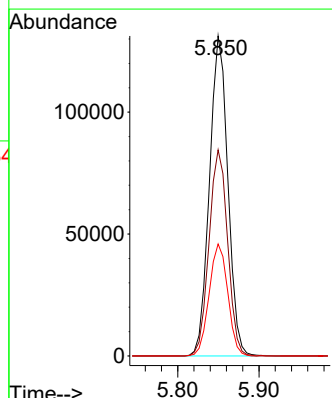
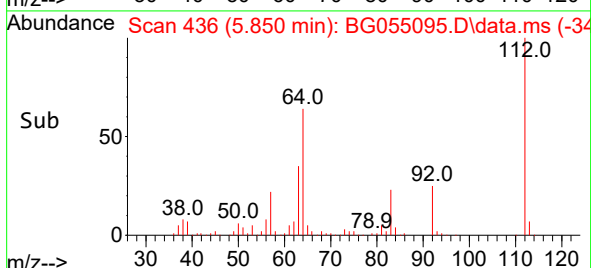
Tgt Ion:152 Resp: 28960
Ion Ratio Lower Upper
152 100
150 157.3 128.0 192.0
115 59.0 47.7 71.5

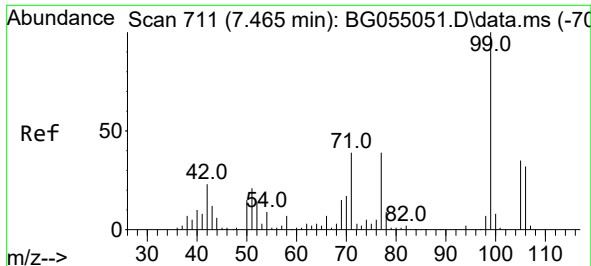


#5
2-Fluorophenol
Concen: 157.967 ng
RT: 5.850 min Scan# 436
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05



Tgt Ion:112 Resp: 205963
Ion Ratio Lower Upper
112 100
64 64.4 54.5 81.7
63 35.0 30.5 45.7

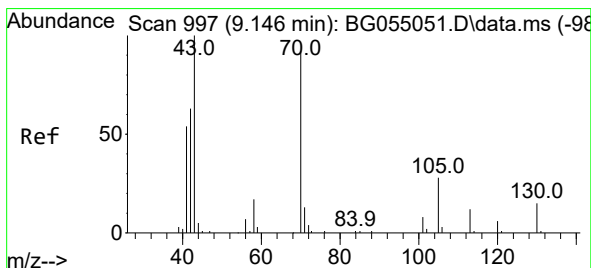
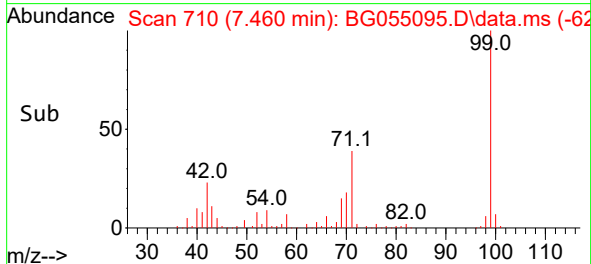
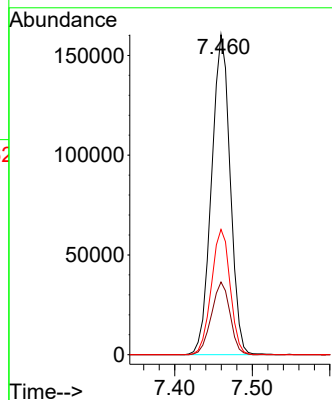
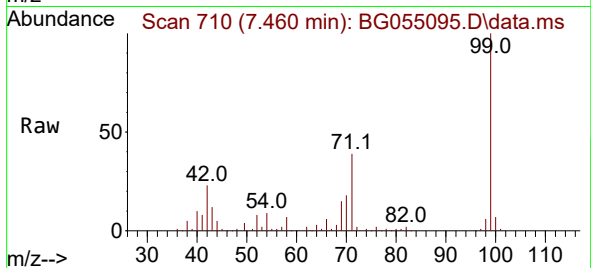




#7
Phenol-d6
Concen: 136.974 ng
RT: 7.460 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

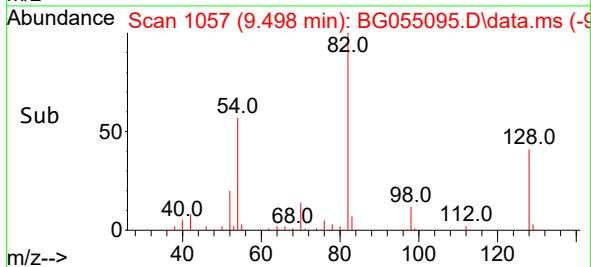
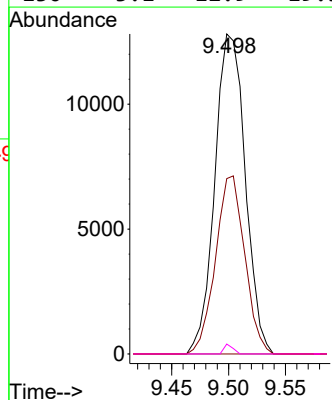
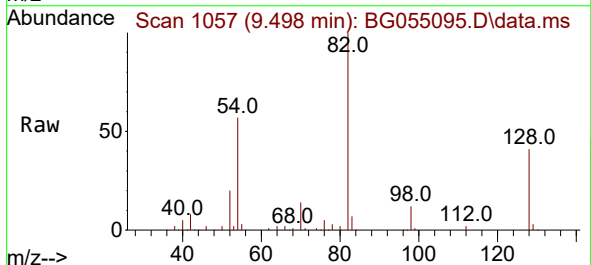
Instrument :
BNA_G
ClientSampleId :
PB148146BL

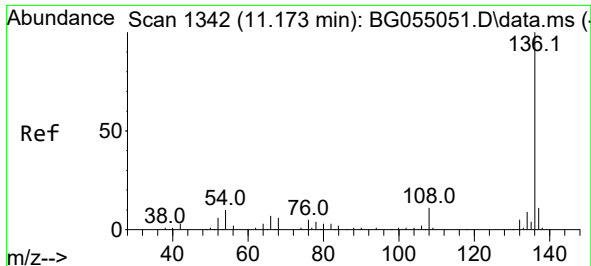
Tgt Ion: 99 Resp: 267587
Ion Ratio Lower Upper
99 100
42 22.7 18.6 28.0
71 39.2 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.604 ng
RT: 9.498 min Scan# 1057
Delta R.T. 0.362 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

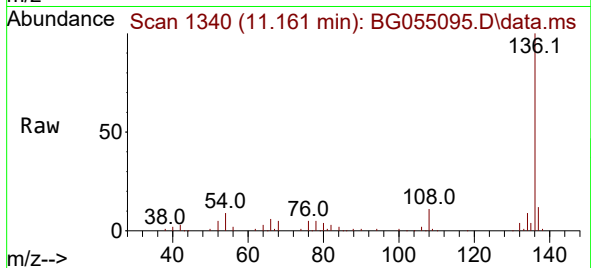
Tgt Ion: 70 Resp: 23851
Ion Ratio Lower Upper
70 100
42 54.8 55.8 83.6#
101 0.0 7.1 10.7#
130 3.1 12.9 19.3#



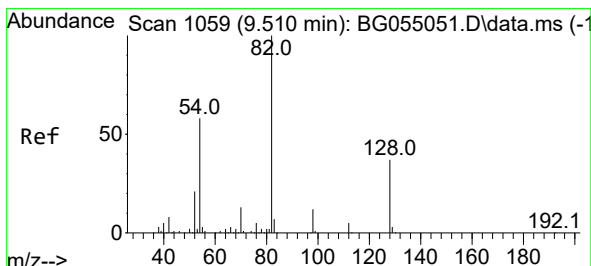
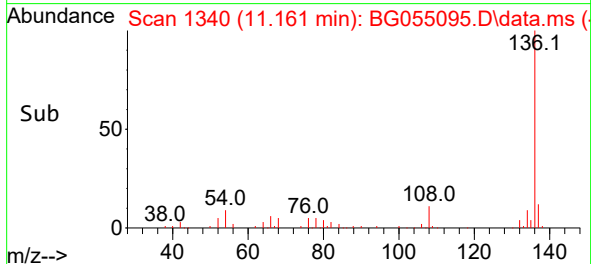
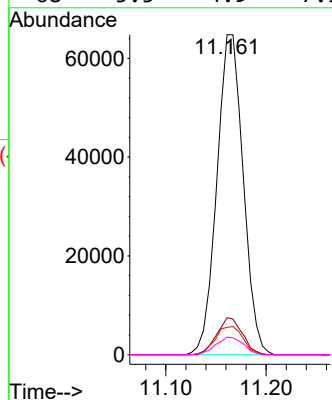


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Instrument :
BNA_G
ClientSampleId :
PB148146BL

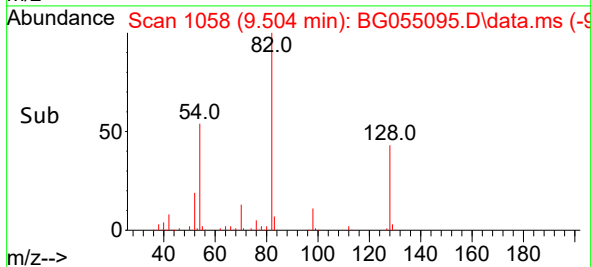
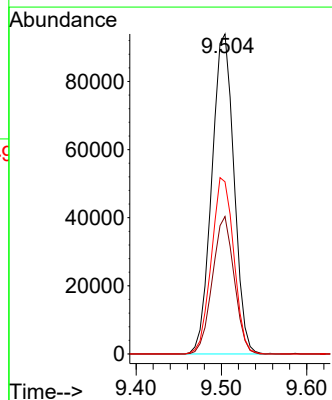
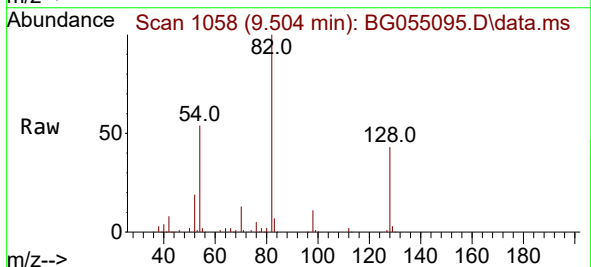


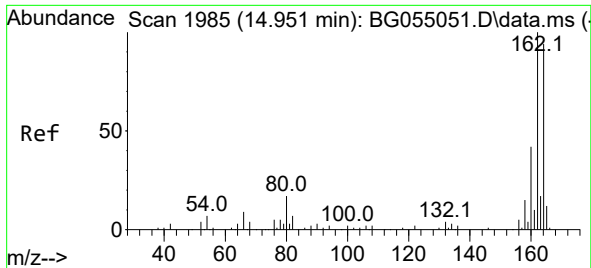
Tgt Ion:136 Resp: 118212
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 8.6 8.2 12.4
68 5.5 4.9 7.3



#23
Nitrobenzene-d5
Concen: 85.742 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Tgt Ion: 82 Resp: 169624
Ion Ratio Lower Upper
82 100
128 43.0 29.5 44.3
54 53.8 46.7 70.1

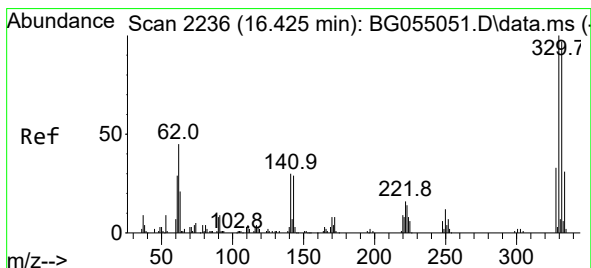
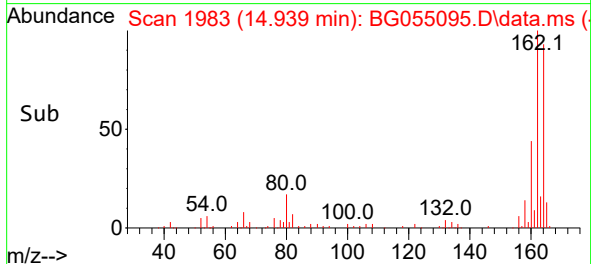
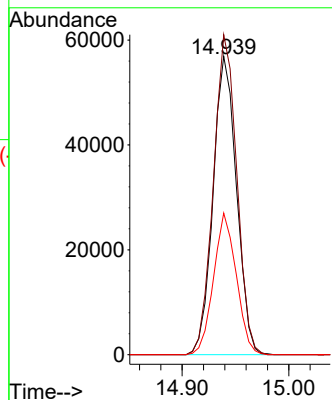
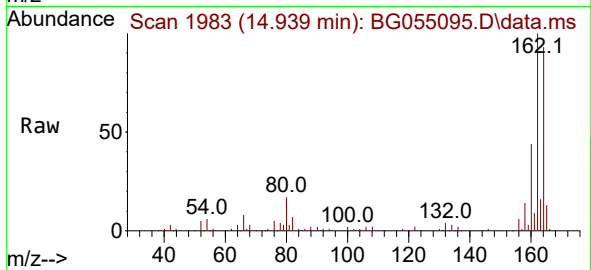




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

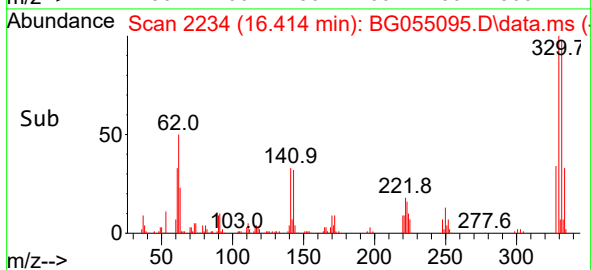
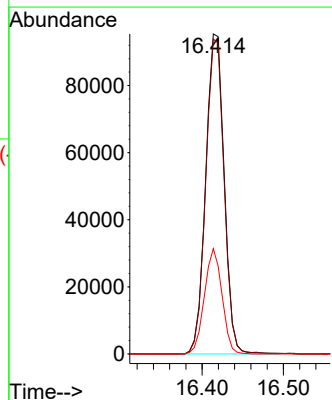
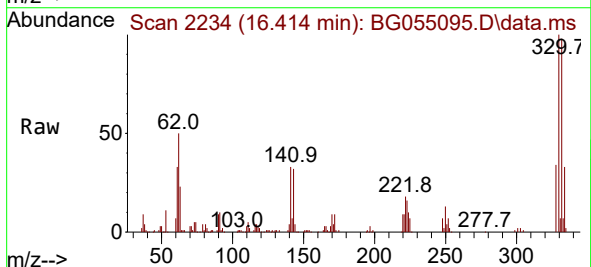
Instrument :
BNA_G
ClientSampleId :
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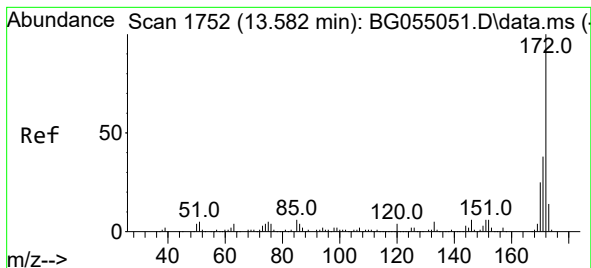
Tgt Ion:164 Resp: 86830
Ion Ratio Lower Upper
164 100
162 107.2 85.5 128.3
160 47.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 165.078 ng
RT: 16.414 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Tgt Ion:330 Resp: 150563
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 31.2 25.0 37.4

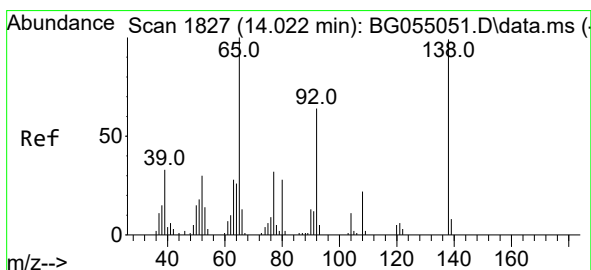
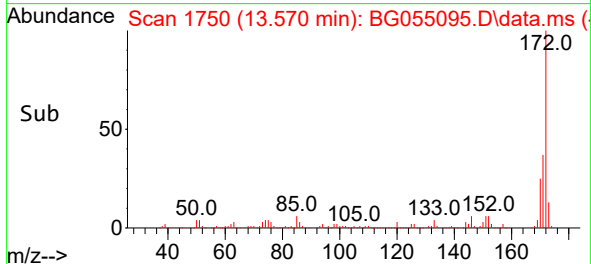
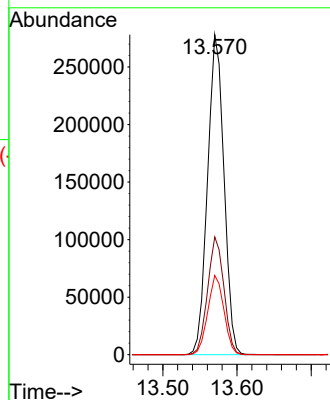
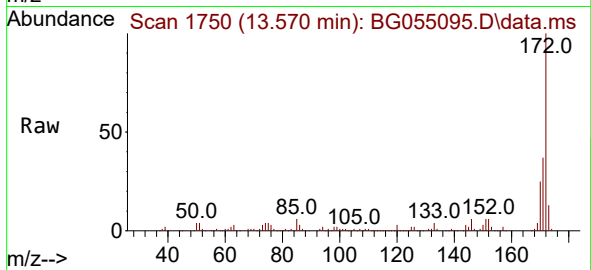




#45
2-Fluorobiphenyl
Concen: 76.930 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

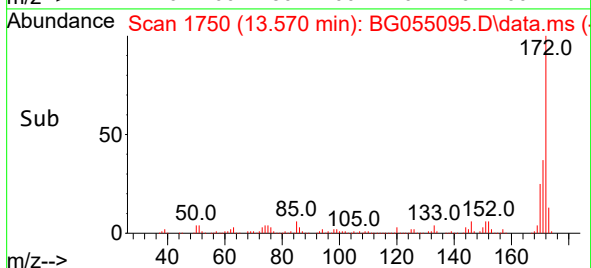
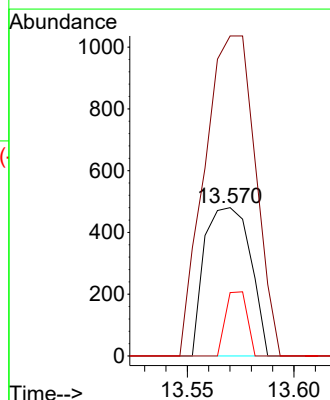
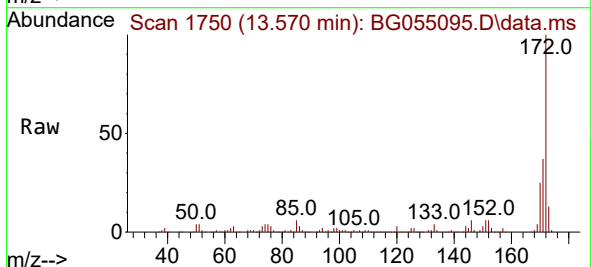
Instrument :
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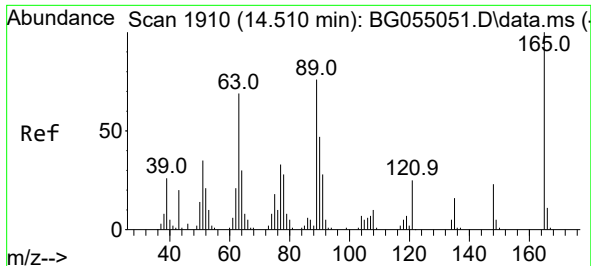
Tgt Ion:172 Resp: 427888
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 24.7 20.0 30.0



#48
2-Nitroaniline
Concen: 4.568 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.449 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Tgt Ion: 65 Resp: 717
Ion Ratio Lower Upper
65 100
92 215.8 50.9 76.3#
138 42.7 79.5 119.3#

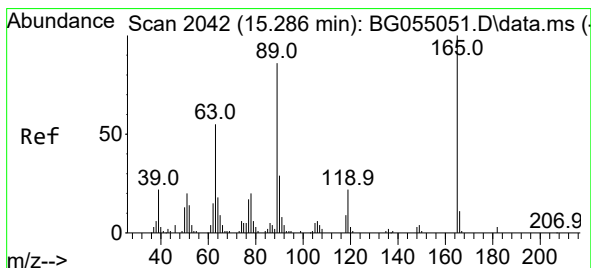
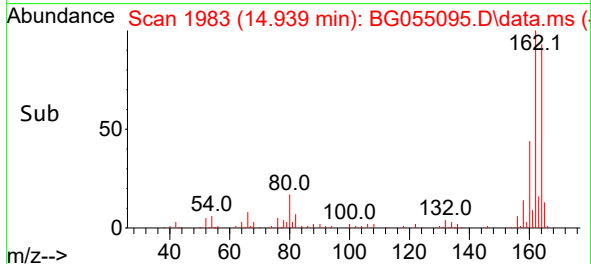
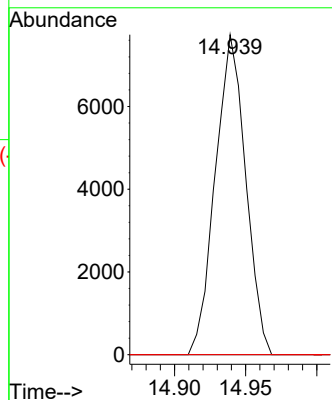
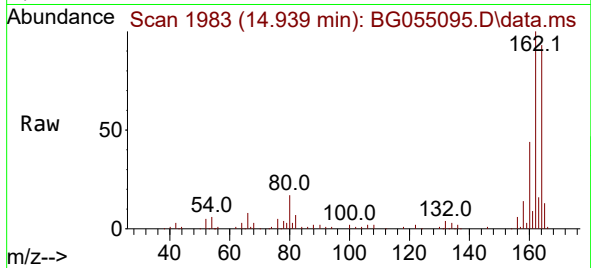




#51
2,6-Dinitrotoluene
Concen: 12.324 ng
RT: 14.939 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

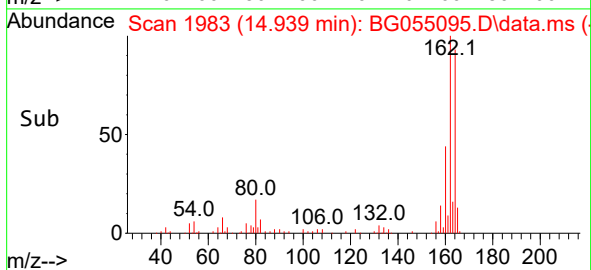
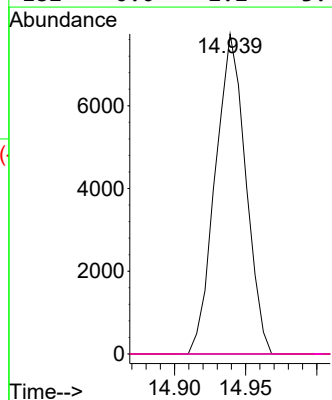
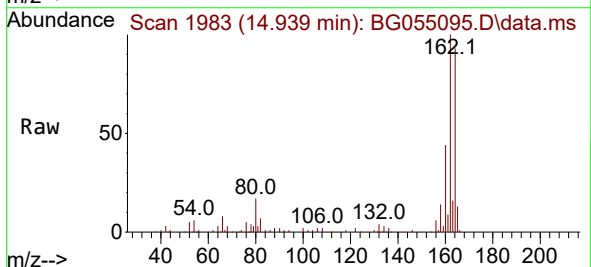
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ClientSampleId :
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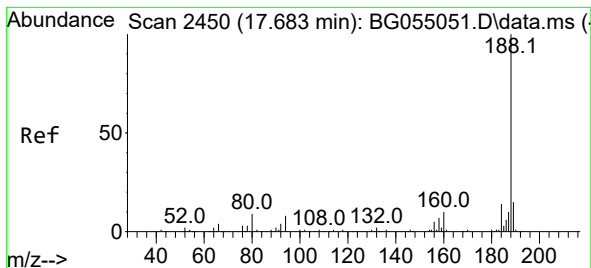
Tgt Ion:165 Resp: 11486
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.051 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.344 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Tgt Ion:165 Resp: 11486
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

Instrument :

BNA_G

ClientSampleId :

PB148146BL

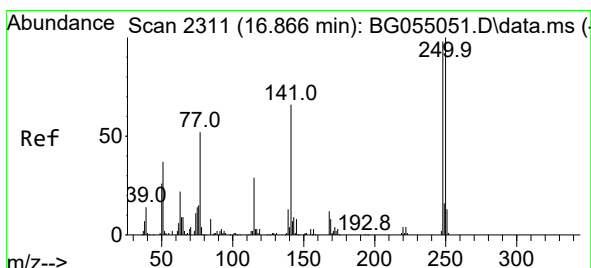
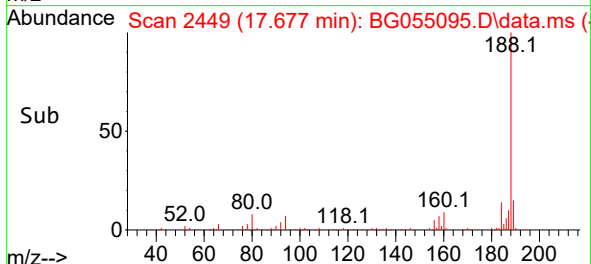
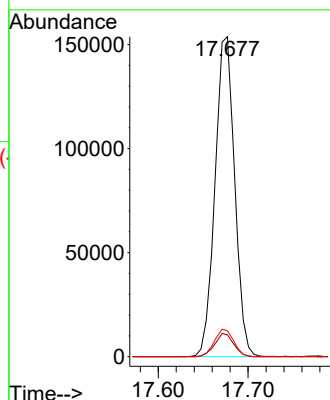
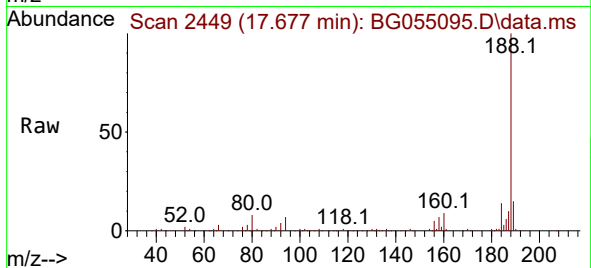
Tgt Ion:188 Resp: 233450

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 8.1 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.051 ng

RT: 16.414 min Scan# 2234

Delta R.T. -0.443 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

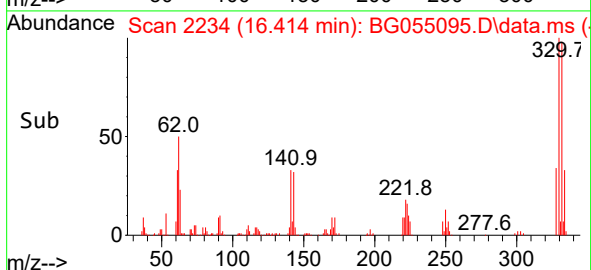
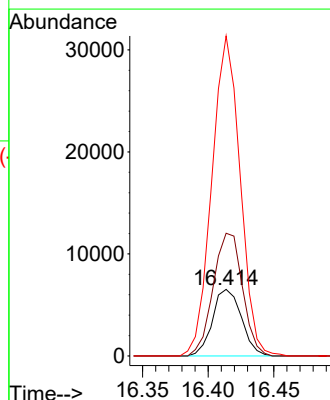
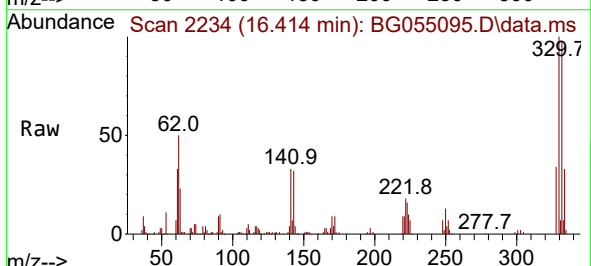
Tgt Ion:248 Resp: 10002

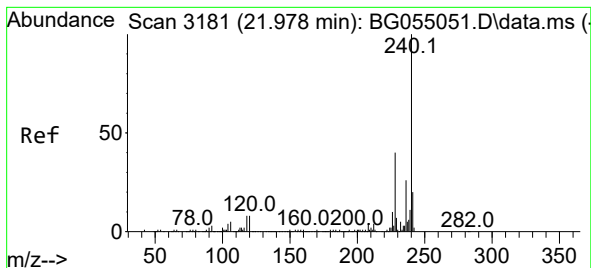
Ion Ratio Lower Upper

248 100

250 184.4 81.7 122.5#

141 480.8 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.966 min Scan# 3181

Delta R.T. -0.003 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

Instrument :

BNA_G

ClientSampleId :

PB148146BL

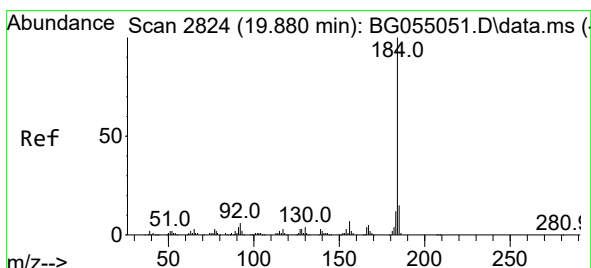
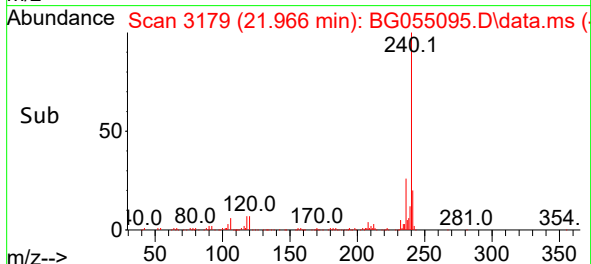
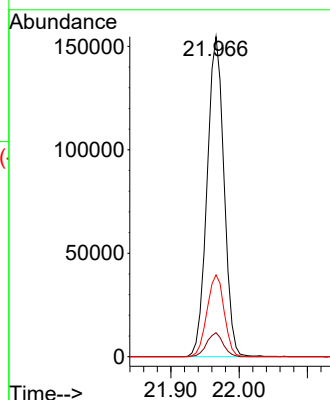
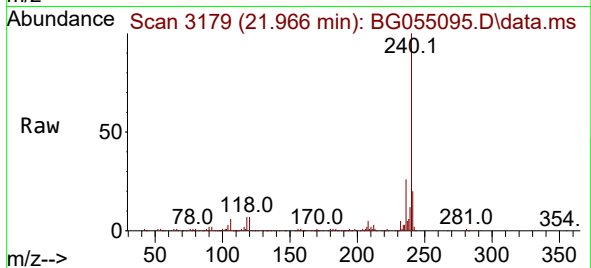
Tgt Ion:240 Resp: 266076

Ion Ratio Lower Upper

240 100

120 7.5 6.2 9.4

236 25.6 20.6 30.8



#77

Benzidine

Concen: 3.388 ng

RT: 20.250 min Scan# 2887

Delta R.T. 0.379 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

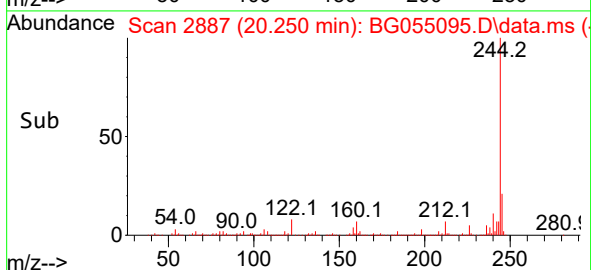
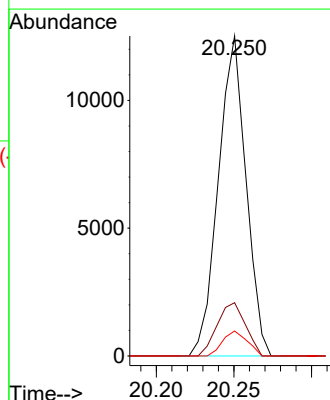
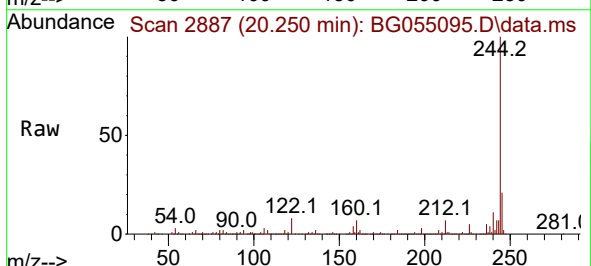
Tgt Ion:184 Resp: 15528

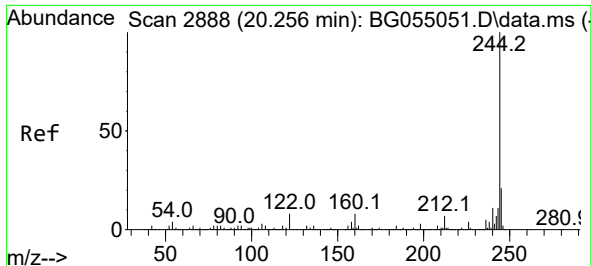
Ion Ratio Lower Upper

184 100

185 16.6 12.2 18.4

183 7.8 9.4 14.0#

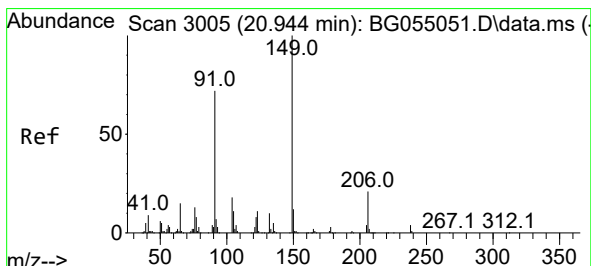
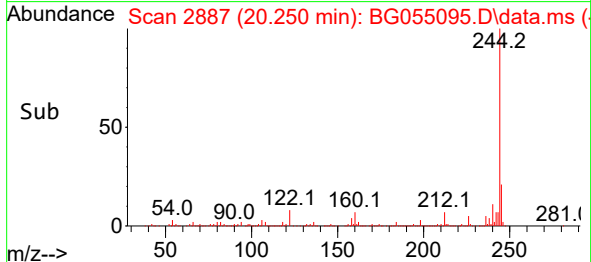
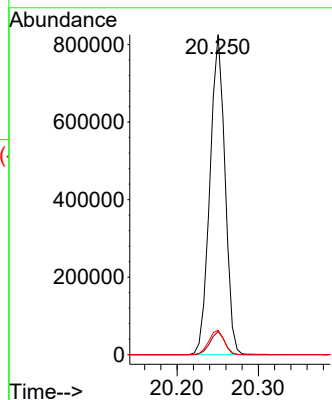
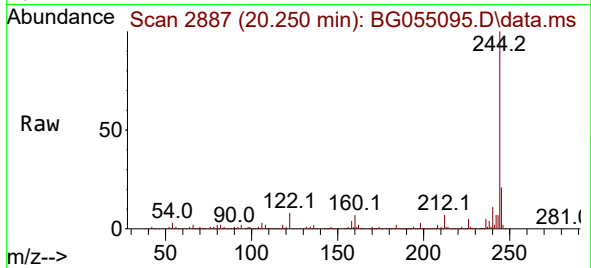




#79
 Terphenyl-d14
 Concen: 80.651 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055095.D
 Acq: 7 Oct 2022 11:05

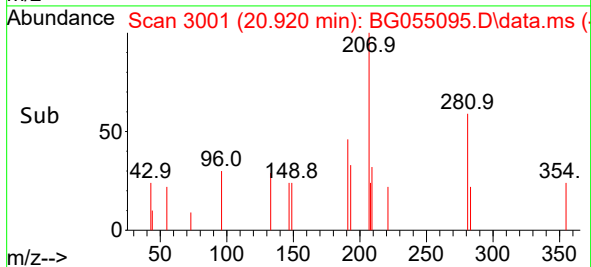
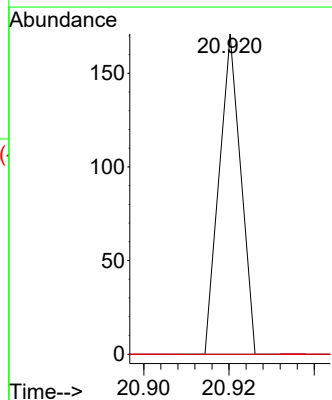
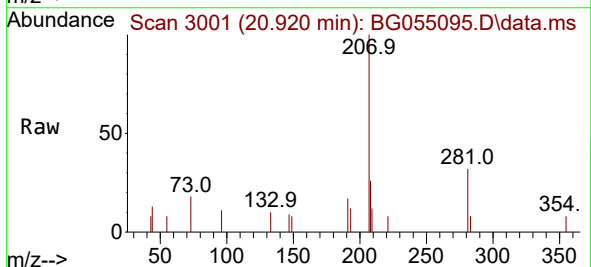
Instrument :
 BNA_G
 ClientSampleId :
 PB148146BL

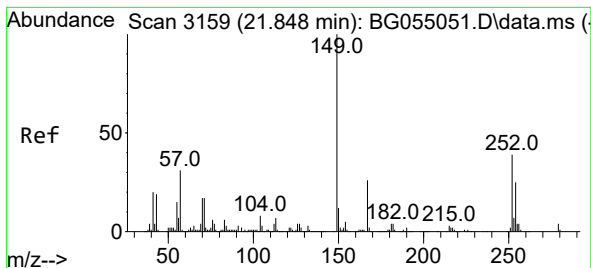
Tgt Ion:244 Resp: 1061718
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.7 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.848 ng
 RT: 20.920 min Scan# 3001
 Delta R.T. -0.014 min
 Lab File: BG055095.D
 Acq: 7 Oct 2022 11:05

Tgt Ion:149 Resp: 60
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.175 ng

RT: 21.831 min Scan# 3156

Delta R.T. -0.003 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

Instrument :

BNA_G

ClientSampleId :

PB148146BL

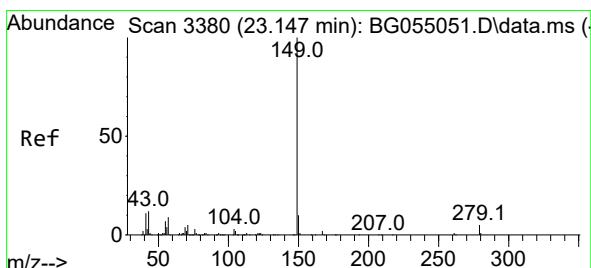
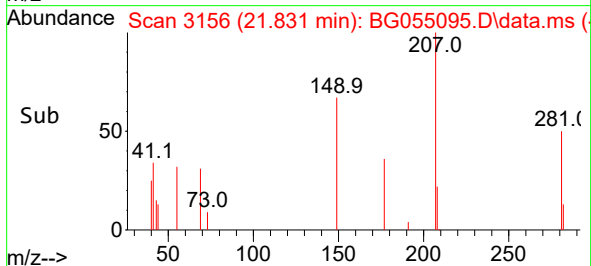
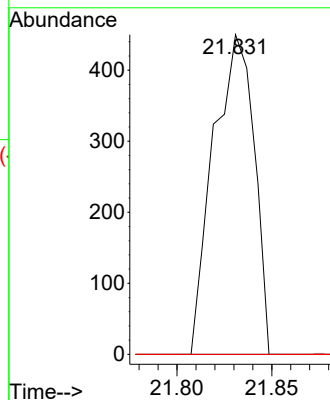
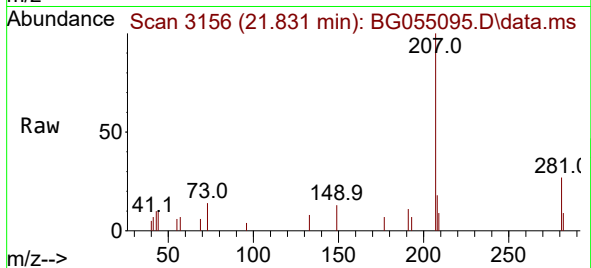
Tgt Ion:149 Resp: 673

Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.4#

279 0.0 3.4 5.2#



#85

Di-n-octyl phthalate

Concen: 4.375 ng

RT: 23.124 min Scan# 3376

Delta R.T. -0.003 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

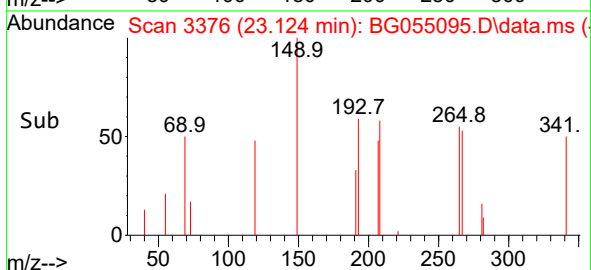
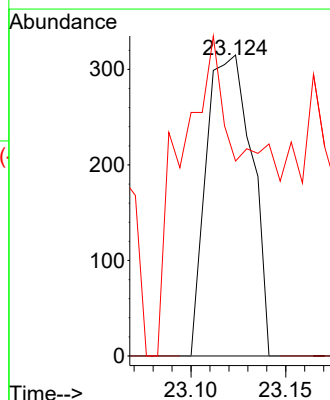
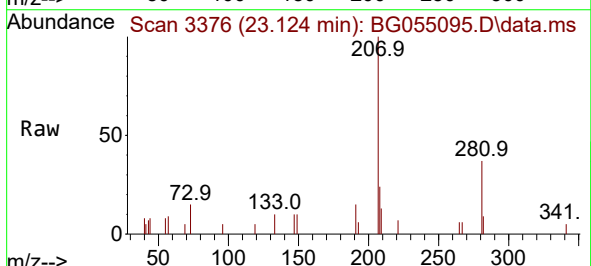
Tgt Ion:149 Resp: 525

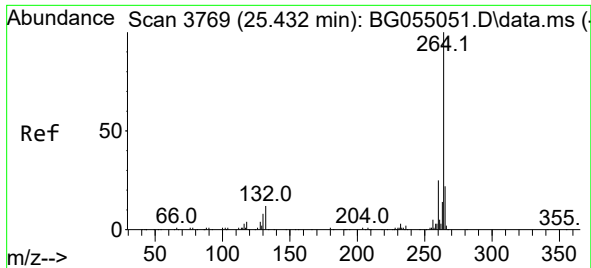
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

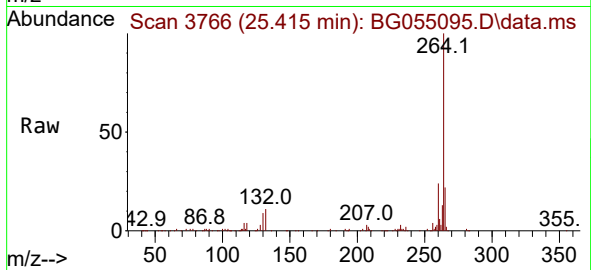
43 171.6 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.415 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG055095.D
 Acq: 7 Oct 2022 11:05

Instrument :
 BNA_G
 ClientSampleId :
 PB148146BL



Tgt Ion:264 Resp: 277269
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.7 29.5
 265 22.5 17.8 26.6

