

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055083.D
 Acq On : 6 Oct 2022 15:14
 Operator : CG/JU
 Sample : PB148149BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148149BL

Quant Time: Oct 07 01:14:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 07:12:22 2022
 Response via : Initial Calibration

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

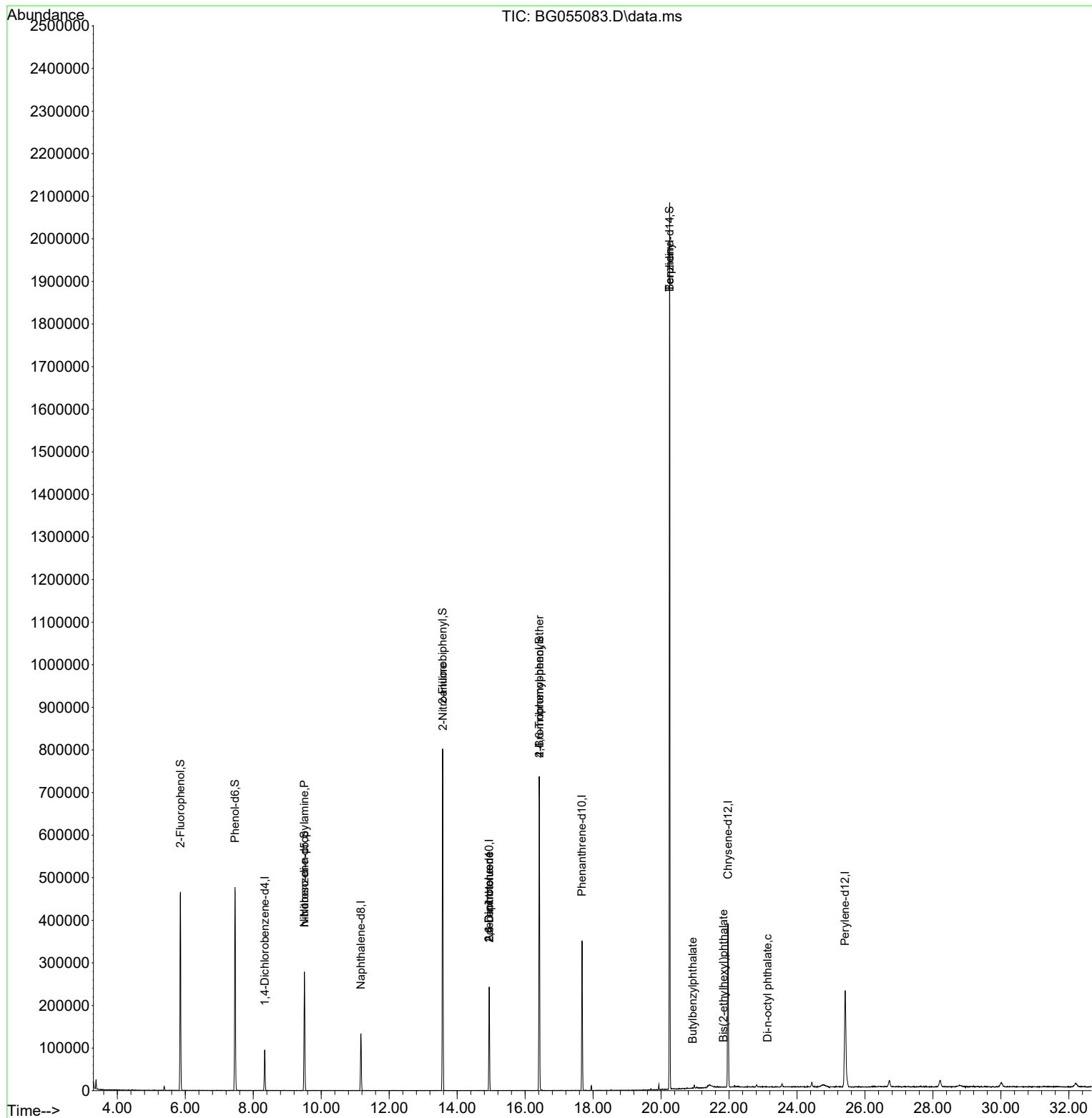
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	26940	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	112630	20.000	ng	0.00
39) Acenaphthene-d10	14.940	164	85475	20.000	ng	-0.01
64) Phenanthrene-d10	17.673	188	230217	20.000	ng	-0.01
76) Chrysene-d12	21.968	240	252716	20.000	ng	-0.01
86) Perylene-d12	25.416	264	264761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.857	112	192895	159.037	ng	0.00
7) Phenol-d6	7.461	99	260938	143.586	ng	0.00
23) Nitrobenzene-d5	9.506	82	160628	85.219	ng	0.00
42) 2,4,6-Tribromophenol	16.421	330	144224	160.804	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	416674	76.102	ng	-0.01
79) Terphenyl-d14	20.252	244	999093	79.906	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.506	70	22874	12.994	ng	# 76
48) 2-Nitroaniline	13.577	65	819	4.646	ng	# 12
51) 2,6-Dinitrotoluene	14.940	165	11083	12.149	ng	# 13
57) 2,4-Dinitrotoluene	14.940	165	11083	9.923	ng	# 15
67) 4-Bromophenyl-phenylether	16.421	248	9170	3.766	ng	# 1
77) Benzidine	20.252	184	16036	3.683	ng	# 92
80) Butylbenzylphthalate	20.933	149	53	4.847	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.832	149	224	4.127	ng	# 10
85) Di-n-octyl phthalate	23.137	149	165	4.352	ng	# 1

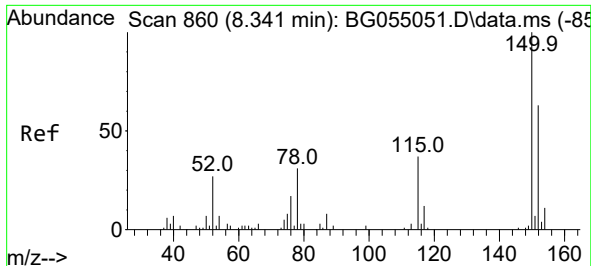
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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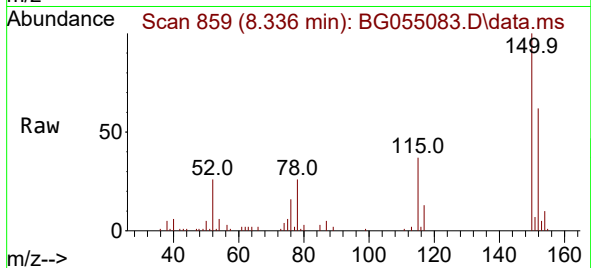
Quant Time: Oct 07 01:14:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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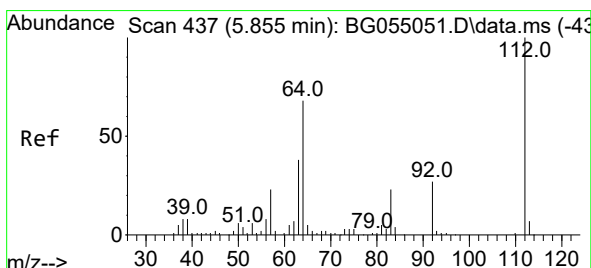
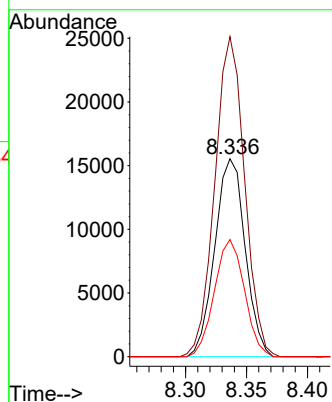
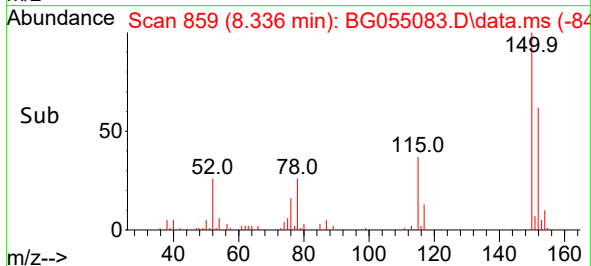


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

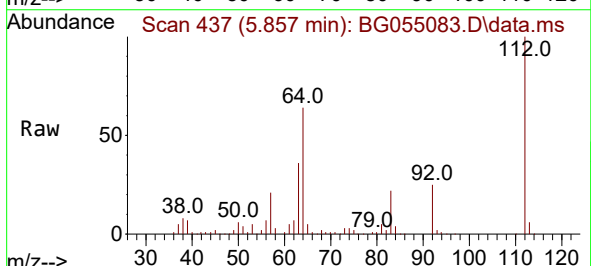
Instrument :
BNA_G
ClientSampleId :
PB148149BL



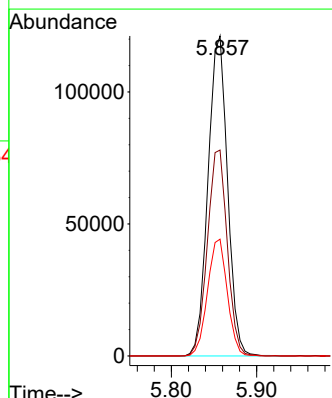
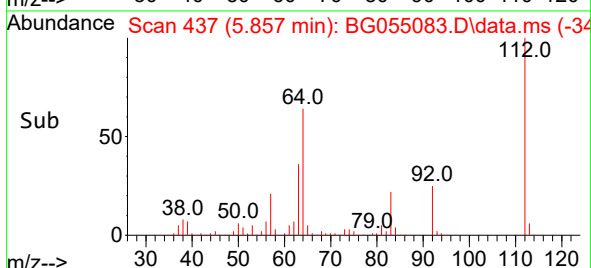
Tgt Ion:152 Resp: 26940
Ion Ratio Lower Upper
152 100
150 161.7 128.0 192.0
115 59.2 47.7 71.5

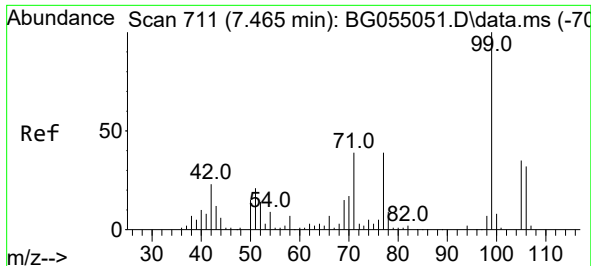


#5
2-Fluorophenol
Concen: 159.037 ng
RT: 5.857 min Scan# 437
Delta R.T. 0.002 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14



Tgt Ion:112 Resp: 192895
Ion Ratio Lower Upper
112 100
64 64.3 54.5 81.7
63 36.5 30.5 45.7

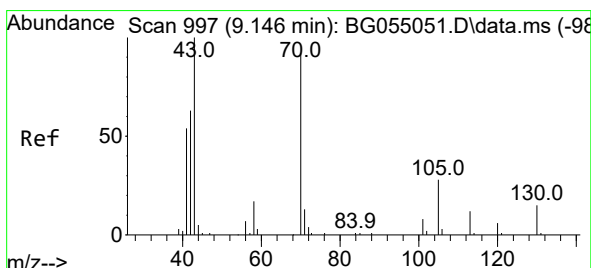
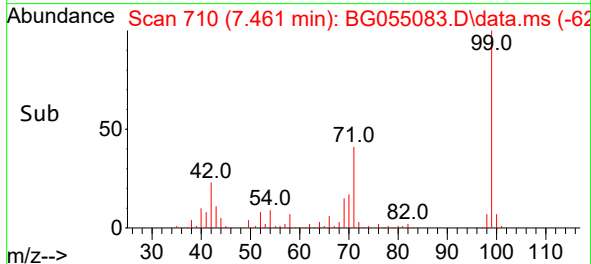
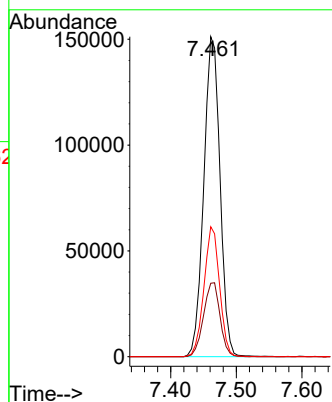
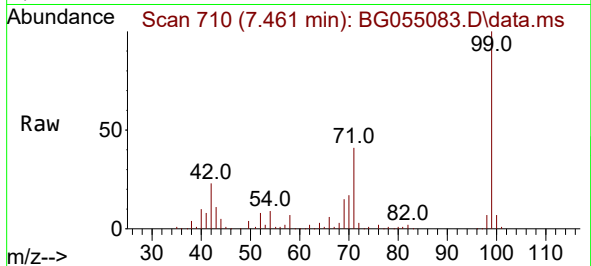




#7
Phenol-d6
Concen: 143.586 ng
RT: 7.461 min Scan# 711
Delta R.T. -0.004 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

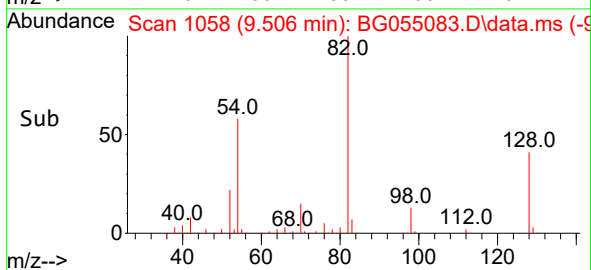
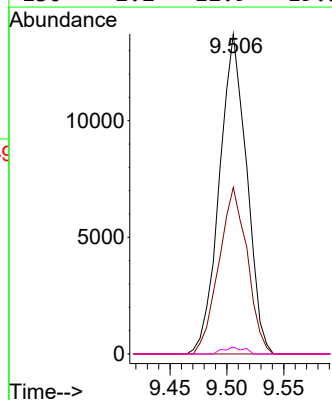
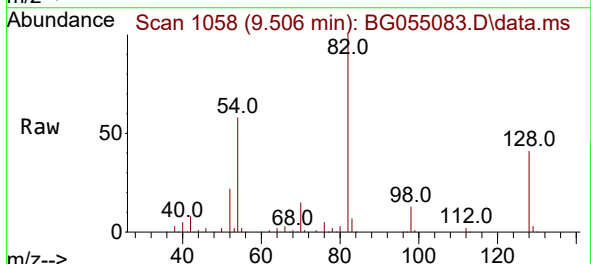
Instrument :
BNA_G
ClientSampleId :
PB148149BL

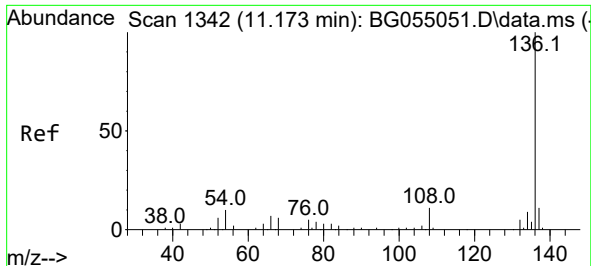
Tgt Ion: 99 Resp: 260938
Ion Ratio Lower Upper
99 100
42 23.0 18.6 28.0
71 40.6 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.994 ng
RT: 9.506 min Scan# 1058
Delta R.T. 0.360 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

Tgt Ion: 70 Resp: 22874
Ion Ratio Lower Upper
70 100
42 52.0 55.8 83.6#
101 0.0 7.1 10.7#
130 2.2 12.9 19.3#

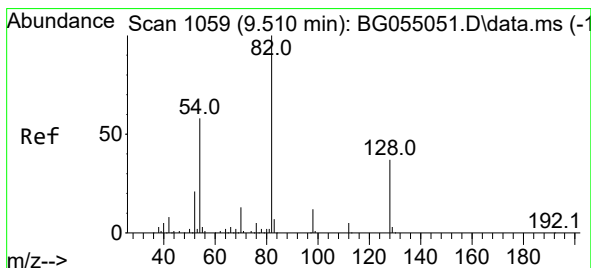
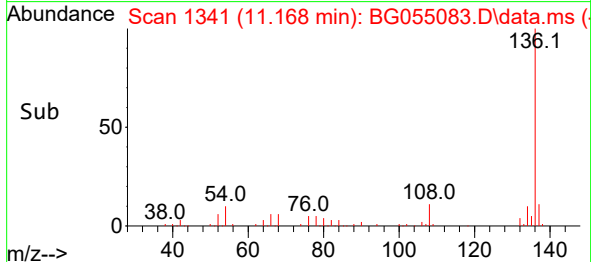
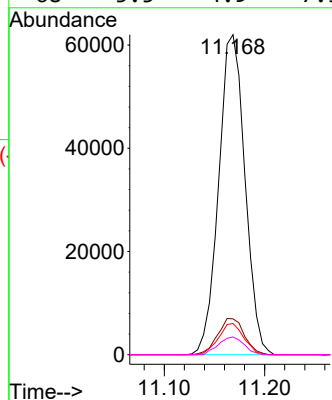
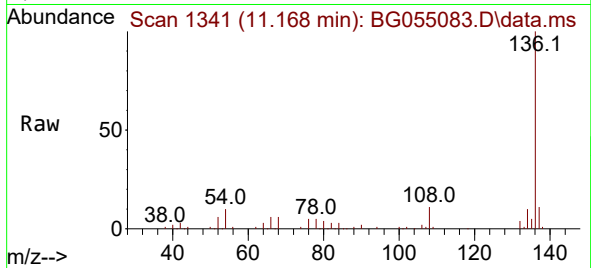




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

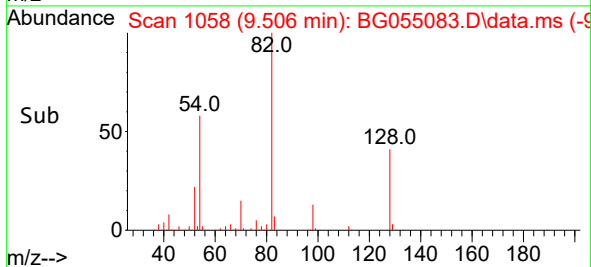
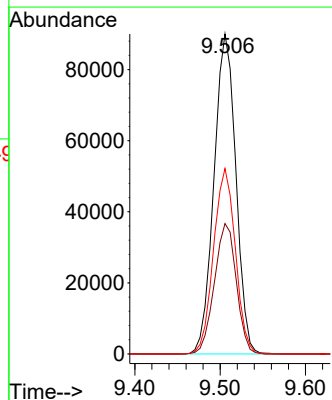
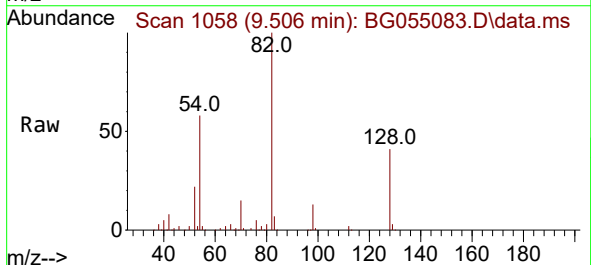
Instrument :
BNA_G
ClientSampleId :
PB148149BL

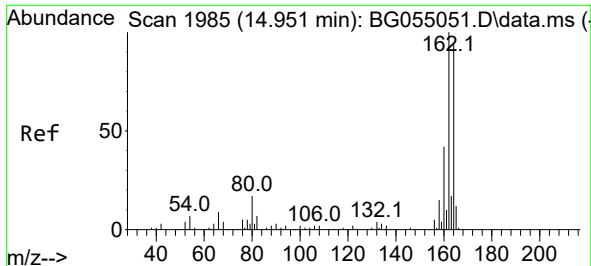
Tgt Ion:136 Resp: 112630
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.8 8.2 12.4
68 5.5 4.9 7.3



#23
Nitrobenzene-d5
Concen: 85.219 ng
RT: 9.506 min Scan# 1058
Delta R.T. -0.004 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

Tgt Ion: 82 Resp: 160628
Ion Ratio Lower Upper
82 100
128 40.8 29.5 44.3
54 58.0 46.7 70.1

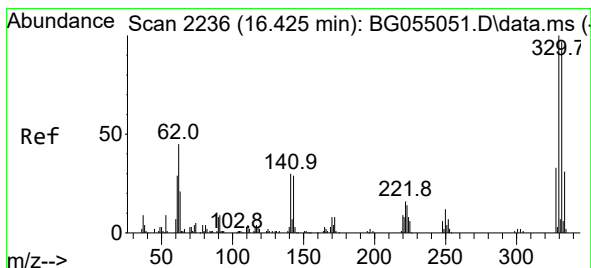
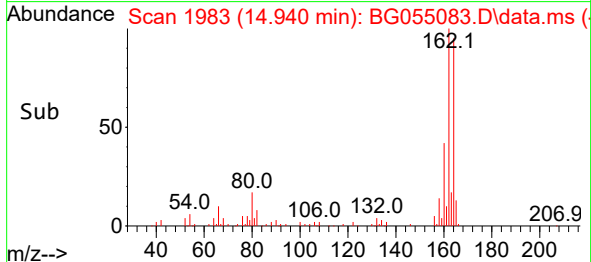
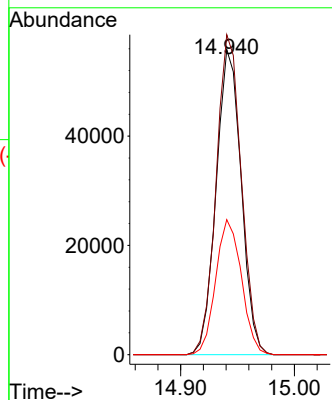
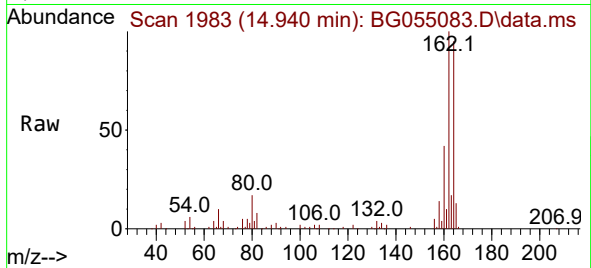




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.940 min Scan# 1985
Delta R.T. -0.010 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

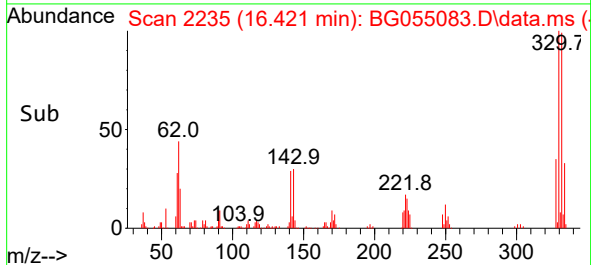
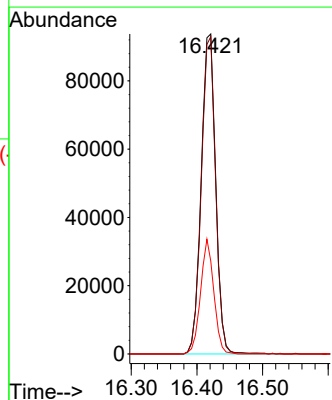
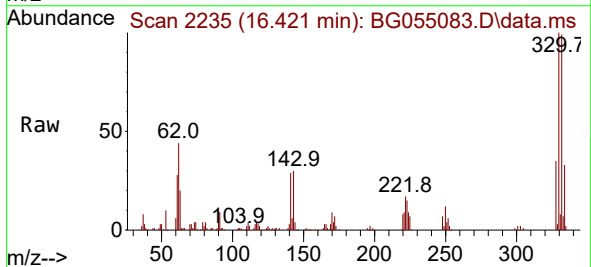
Instrument :
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ClientSampleId :
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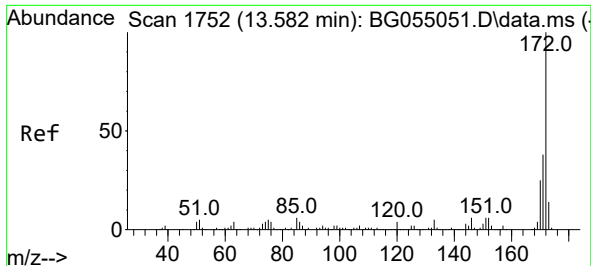
Tgt Ion:164 Resp: 85475
Ion Ratio Lower Upper
164 100
162 104.9 85.5 128.3
160 44.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 160.804 ng
RT: 16.421 min Scan# 2235
Delta R.T. -0.004 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

Tgt Ion:330 Resp: 144224
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 32.8 25.0 37.4

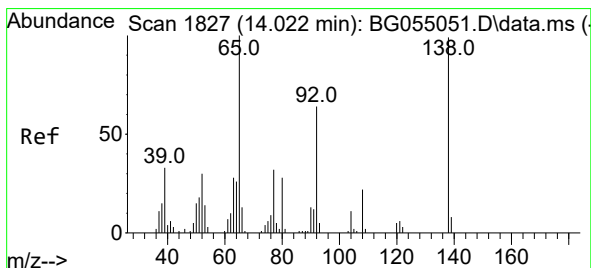
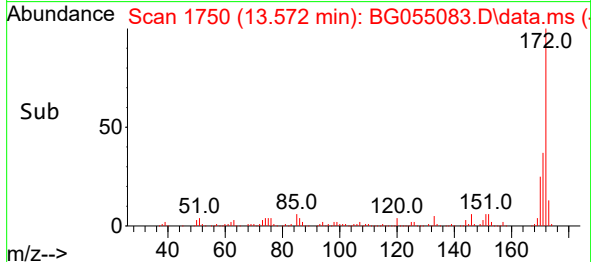
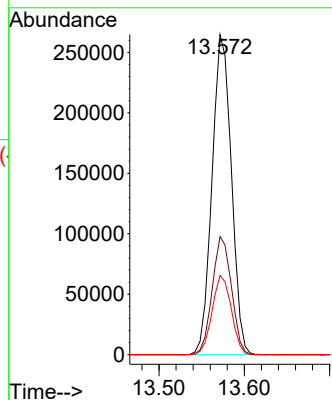
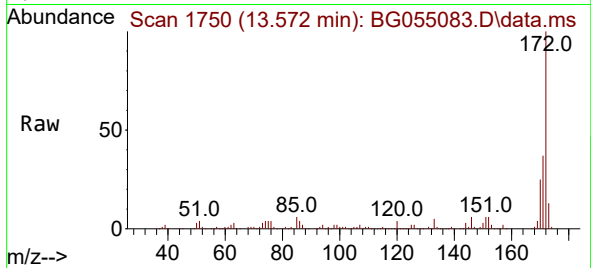




#45
2-Fluorobiphenyl
Concen: 76.102 ng
RT: 13.572 min Scan# 1751
Delta R.T. -0.011 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

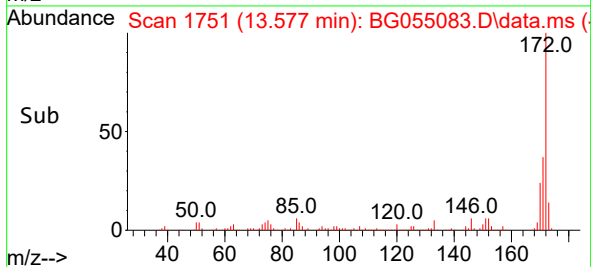
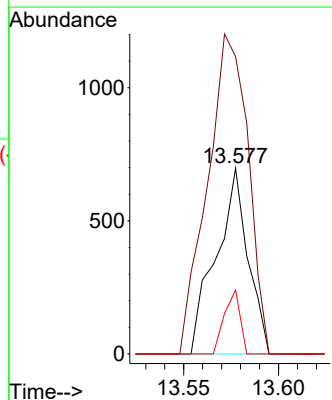
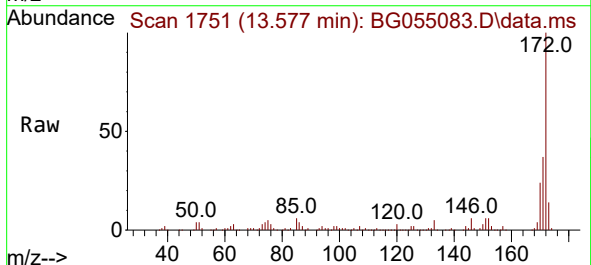
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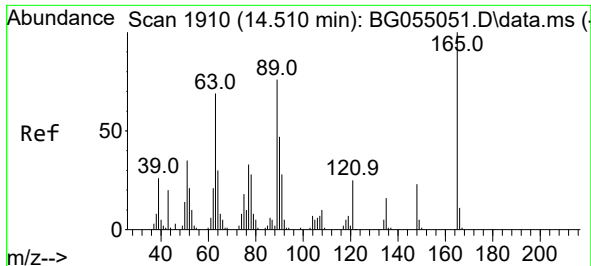
Tgt Ion:172 Resp: 416674
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 24.8 20.0 30.0



#48
2-Nitroaniline
Concen: 4.646 ng
RT: 13.577 min Scan# 1751
Delta R.T. -0.445 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

Tgt Ion: 65 Resp: 819
Ion Ratio Lower Upper
65 100
92 160.0 50.9 76.3#
138 34.4 79.5 119.3#

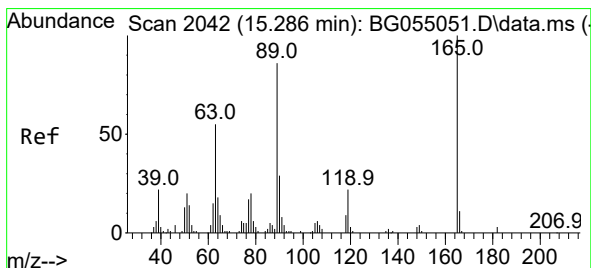
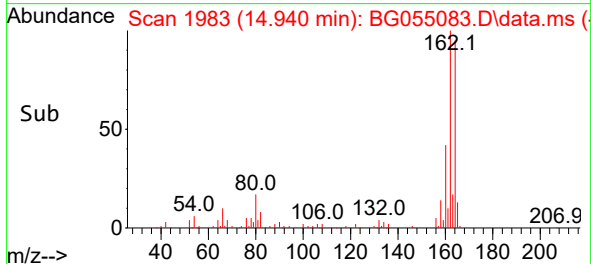
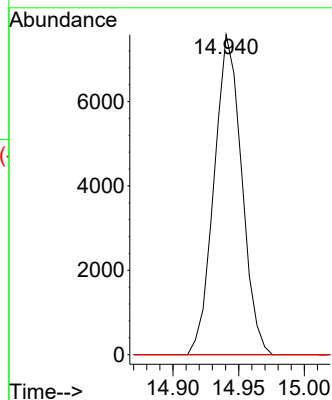
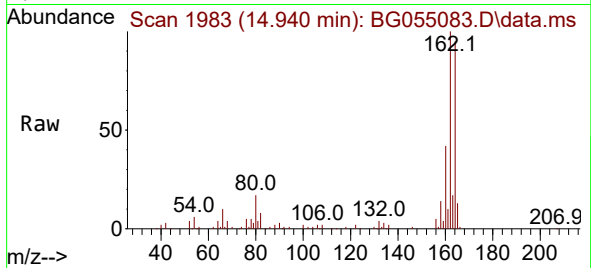




#51
2,6-Dinitrotoluene
Concen: 12.149 ng
RT: 14.940 min Scan# 1910
Delta R.T. 0.430 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

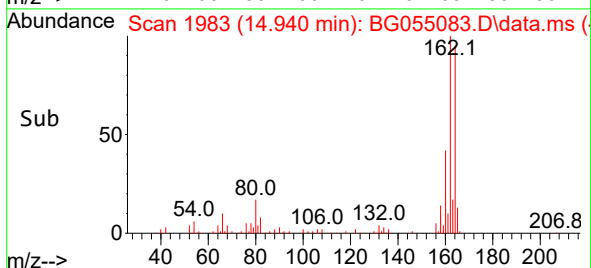
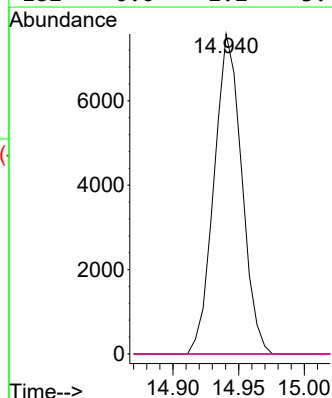
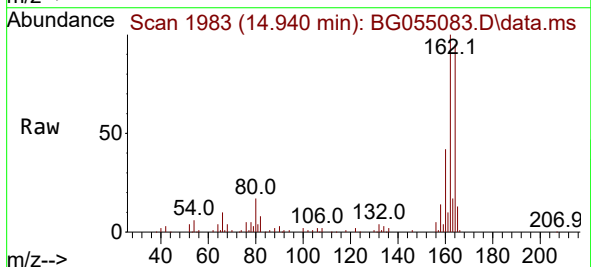
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BNA_G
ClientSampleId :
PB148149BL

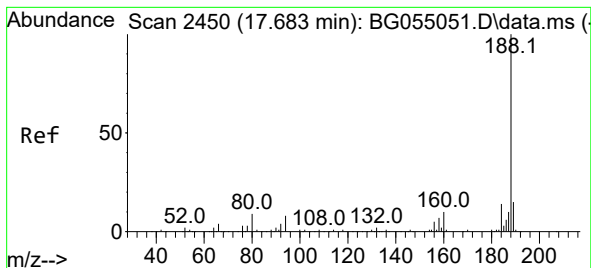
Tgt Ion:165 Resp: 11083
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.923 ng
RT: 14.940 min Scan# 1983
Delta R.T. -0.346 min
Lab File: BG055083.D
Acq: 6 Oct 2022 15:14

Tgt Ion:165 Resp: 11083
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: 17.673 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG055083.D

Acq: 6 Oct 2022 15:14

Instrument :

BNA_G

ClientSampleId :

PB148149BL

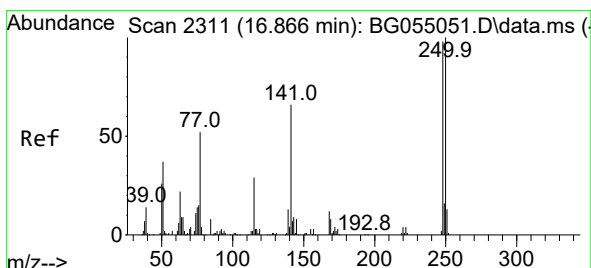
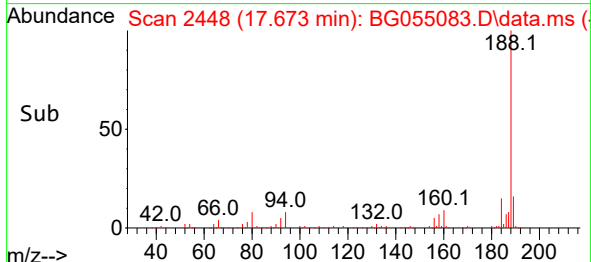
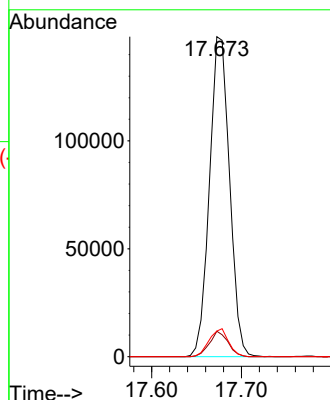
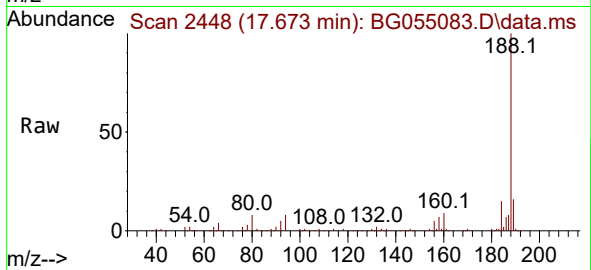
Tgt Ion:188 Resp: 230217

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.2

80 8.0 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.766 ng

RT: 16.421 min Scan# 2235

Delta R.T. -0.445 min

Lab File: BG055083.D

Acq: 6 Oct 2022 15:14

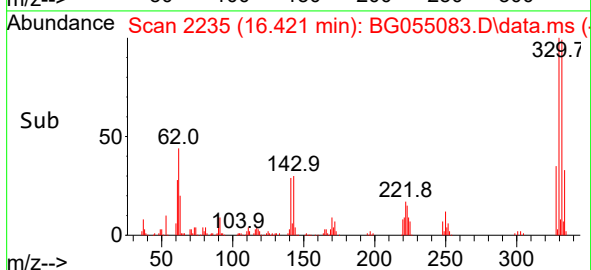
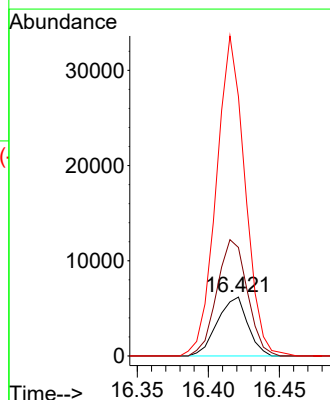
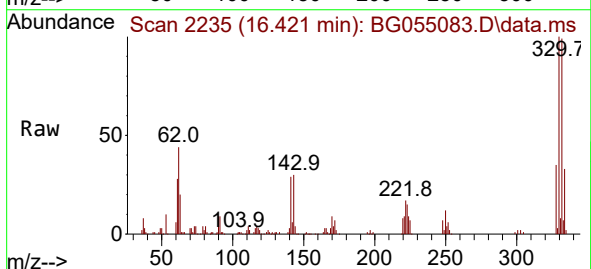
Tgt Ion:248 Resp: 9170

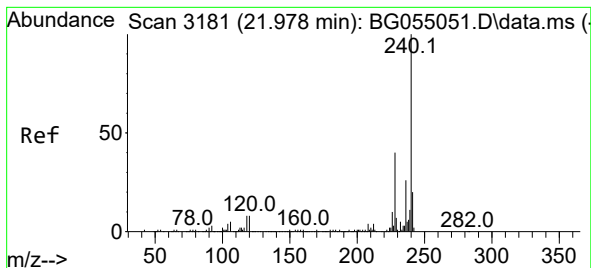
Ion Ratio Lower Upper

248 100

250 184.2 81.7 122.5#

141 440.3 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.968 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG055083.D

Acq: 6 Oct 2022 15:14

Instrument :

BNA_G

ClientSampleId :

PB148149BL

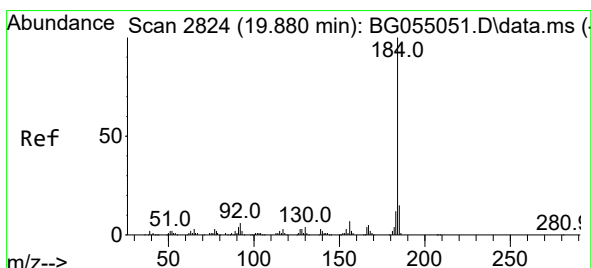
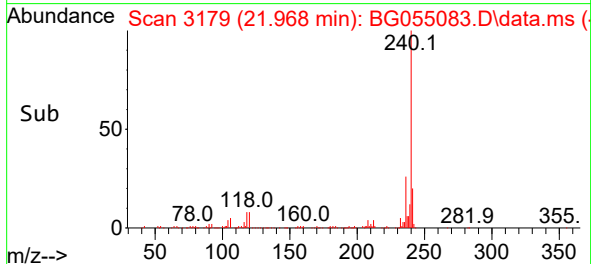
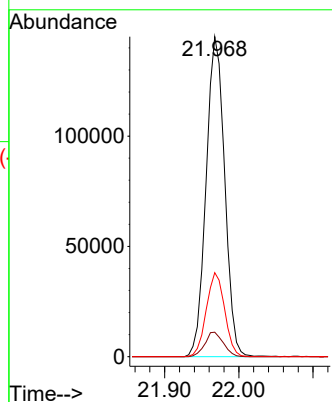
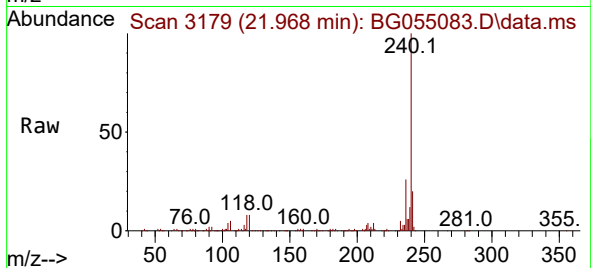
Tgt Ion:240 Resp: 252716

Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.4

236 26.2 20.6 30.8



#77

Benzidine

Concen: 3.683 ng

RT: 20.252 min Scan# 2887

Delta R.T. 0.372 min

Lab File: BG055083.D

Acq: 6 Oct 2022 15:14

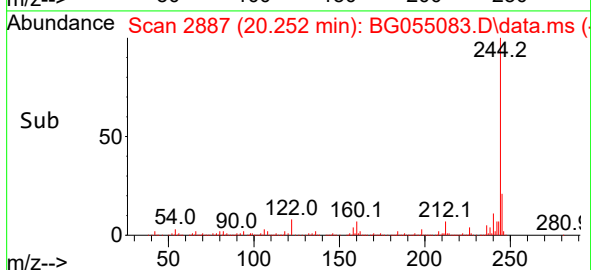
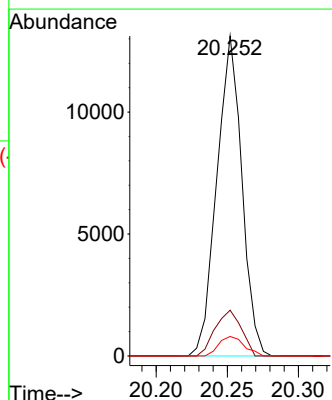
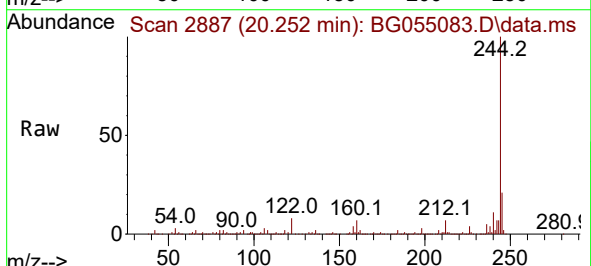
Tgt Ion:184 Resp: 16036

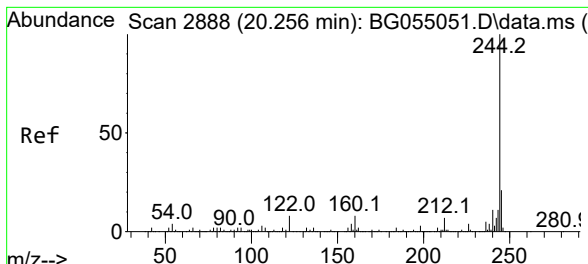
Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

183 6.1 9.4 14.0#



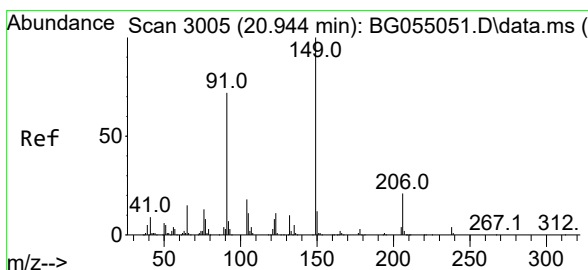
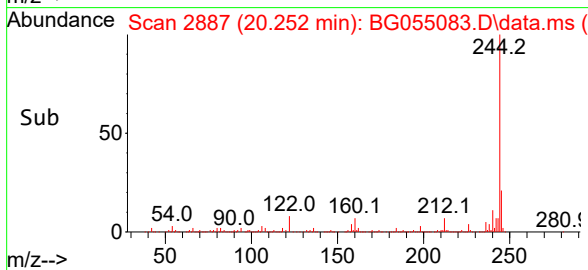
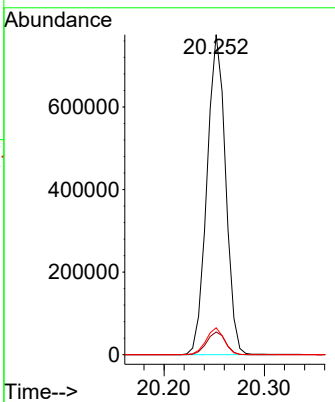
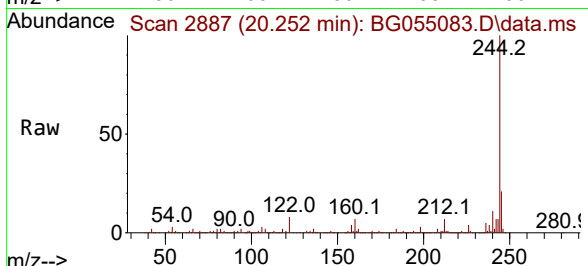


#79
 Terphenyl-d14
 Concen: 79.906 ng
 RT: 20.252 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055083.D
 Acq: 6 Oct 2022 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB148149BL

Tgt Ion:244 Resp: 999093

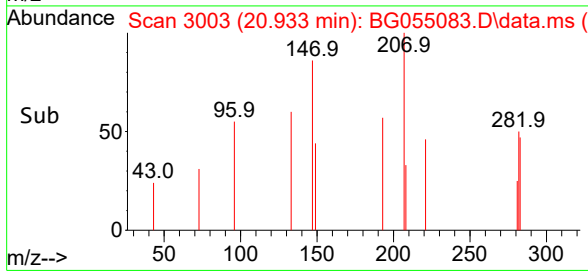
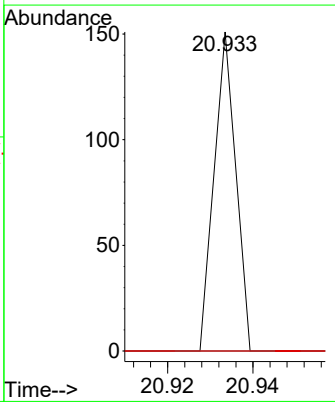
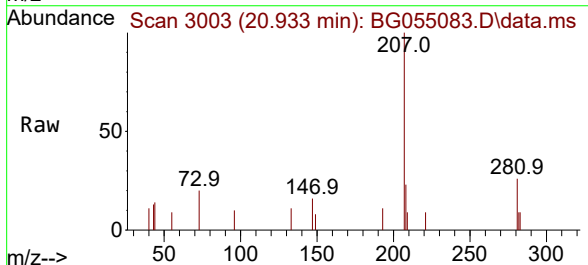
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.4	6.6	10.0

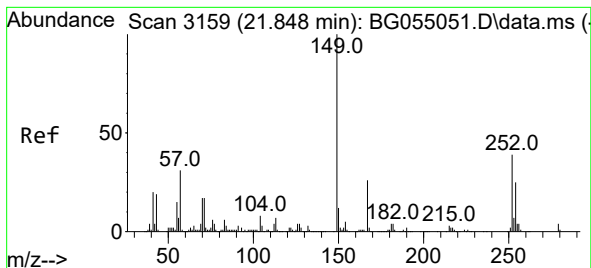


#80
 Butylbenzylphthalate
 Concen: 4.847 ng
 RT: 20.933 min Scan# 3003
 Delta R.T. -0.011 min
 Lab File: BG055083.D
 Acq: 6 Oct 2022 15:14

Tgt Ion:149 Resp: 53

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: 4.127 ng

RT: 21.832 min Scan# 3159

Delta R.T. -0.016 min

Lab File: BG055083.D

Acq: 6 Oct 2022 15:14

Instrument :

BNA_G

ClientSampleId :

PB148149BL

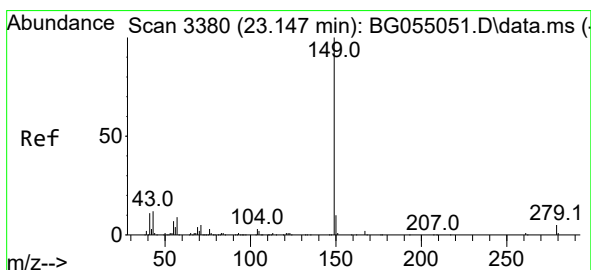
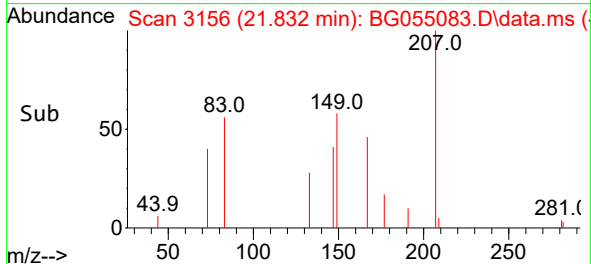
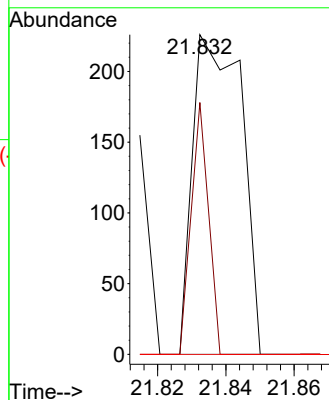
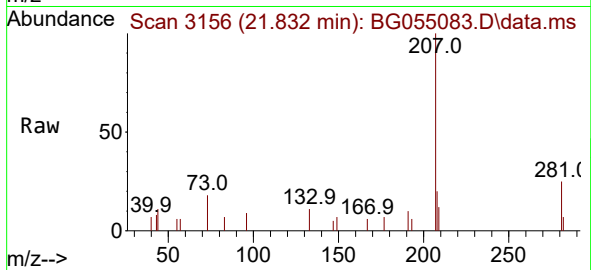
Tgt Ion:149 Resp: 224

Ion Ratio Lower Upper

149 100

167 78.8 21.0 31.4#

279 0.0 3.4 5.2#



#85

Di-n-octyl phthalate

Concen: 4.352 ng

RT: 23.137 min Scan# 3378

Delta R.T. -0.010 min

Lab File: BG055083.D

Acq: 6 Oct 2022 15:14

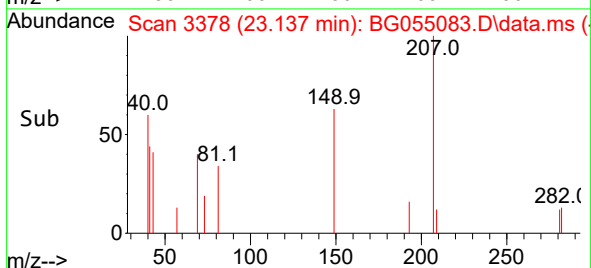
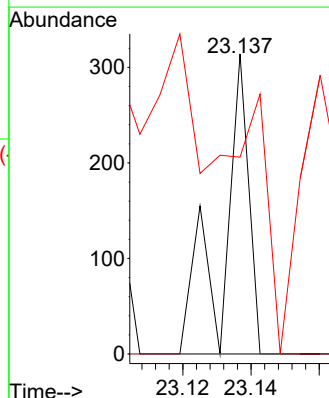
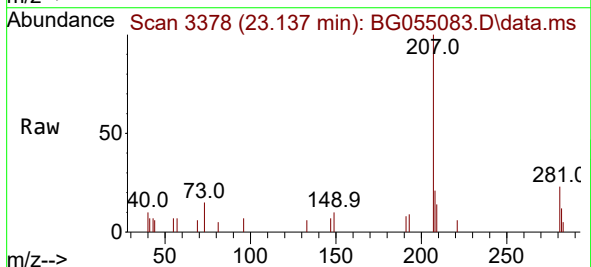
Tgt Ion:149 Resp: 165

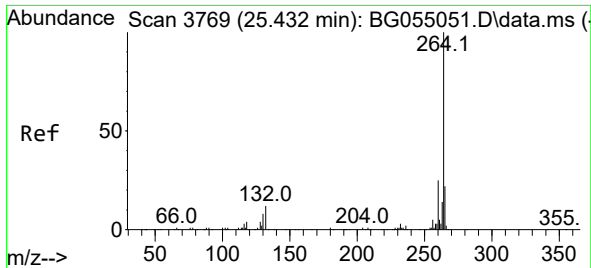
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

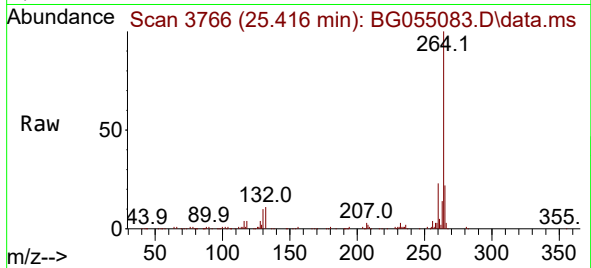
43 636.4 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.416 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: BG055083.D
 Acq: 6 Oct 2022 15:14

Instrument :
 BNA_G
 ClientSampleId :
 PB148149BL



Tgt Ion:264 Resp: 264761
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.7 29.5
 265 21.7 17.8 26.6

