

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055086.D
 Acq On : 6 Oct 2022 17:34
 Operator : CG/JU
 Sample : N5009-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 006-4

Quant Time: Oct 07 01:14:47 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)

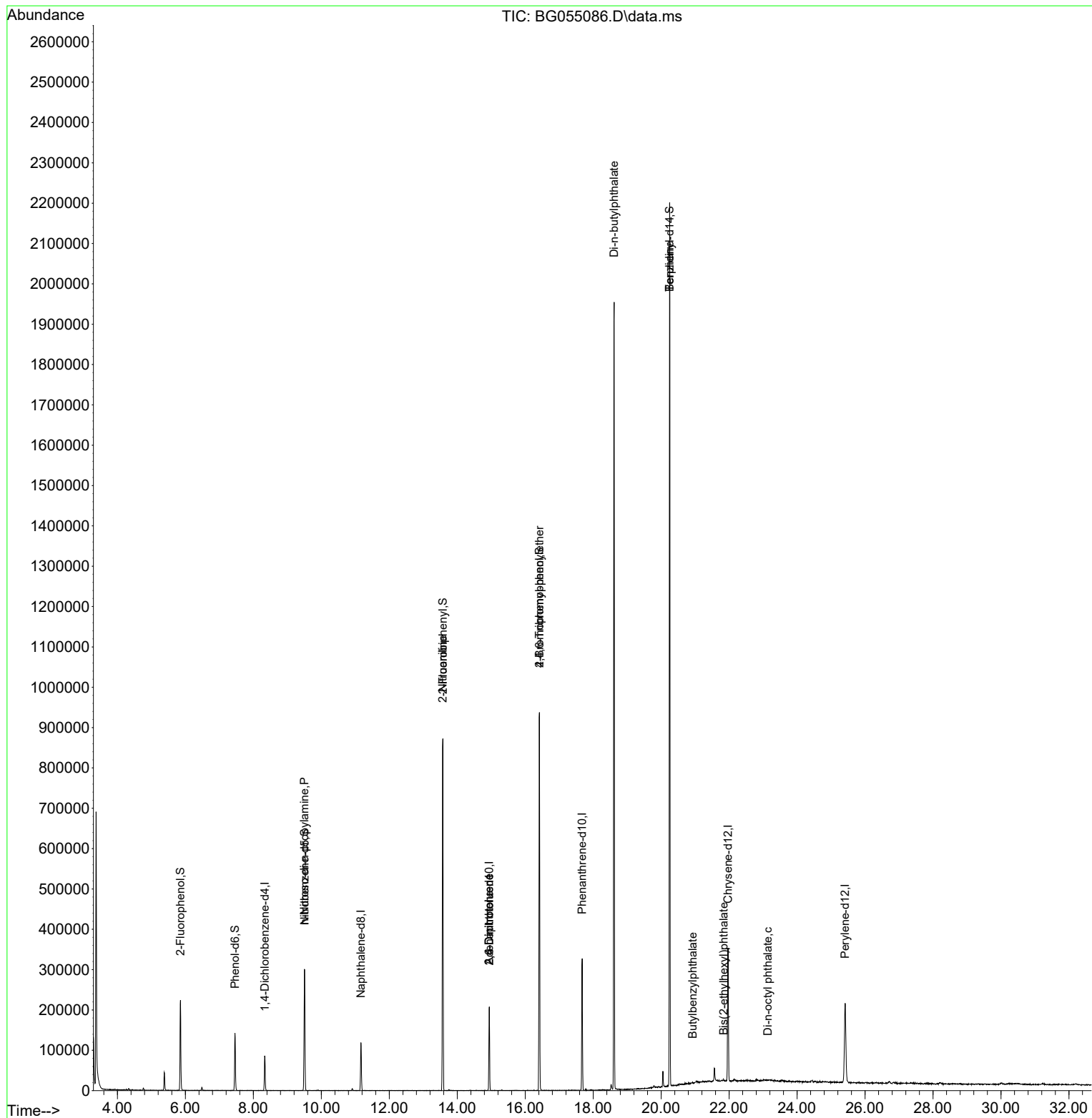
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	24306	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	99336	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	74451	20.000	ng	-0.01
64) Phenanthrene-d10	17.677	188	208807	20.000	ng	0.00
76) Chrysene-d12	21.966	240	217184	20.000	ng	-0.01
86) Perylene-d12	25.415	264	231463	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	95207	87.002	ng	0.00
7) Phenol-d6	7.459	99	76664	46.757	ng	0.00
23) Nitrobenzene-d5	9.510	82	184780	111.152	ng	0.00
42) 2,4,6-Tribromophenol	16.419	330	187887	237.385	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	453988	95.194	ng	0.00
79) Terphenyl-d14	20.250	244	1098953	102.272	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.504	70	26028	16.388	ng	# 76
48) 2-Nitroaniline	13.570	65	856	4.759	ng	# 6
51) 2,6-Dinitrotoluene	14.939	165	9737	12.224	ng	# 15
57) 2,4-Dinitrotoluene	14.939	165	9737	9.978	ng	# 16
67) 4-Bromophenyl-phenylether	16.419	248	11920	5.398	ng	# 1
74) Di-n-butylphthalate	18.617	149	1401057	143.337	ng	98
77) Benzidine	20.250	184	17126	4.577	ng	# 92
80) Butylbenzylphthalate	20.932	149	178	4.874	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.837	149	2168	4.394	ng	# 94
85) Di-n-octyl phthalate	23.141	149	237	4.360	ng	# 1

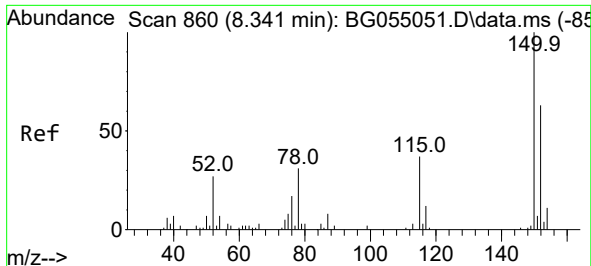
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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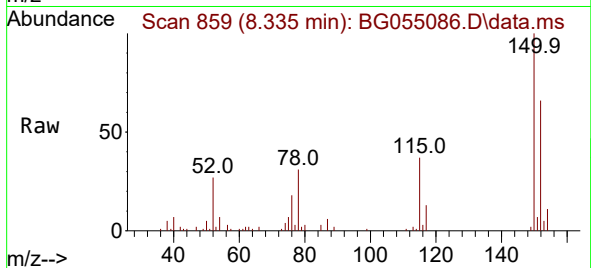
Quant Time: Oct 07 01:14:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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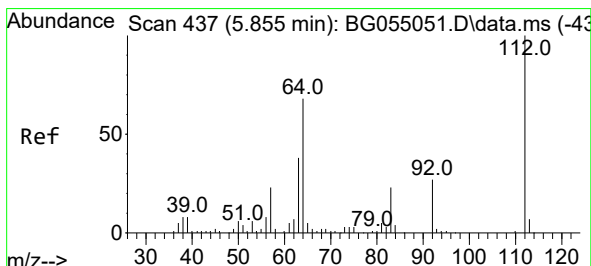
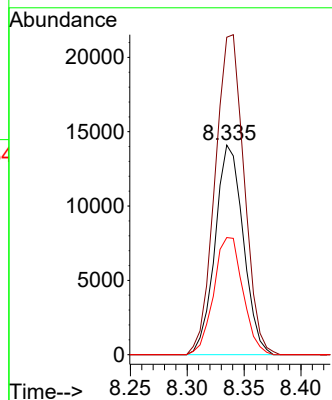
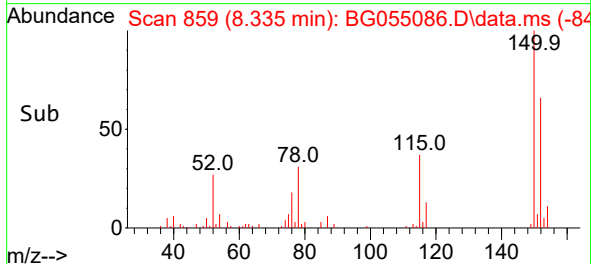


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

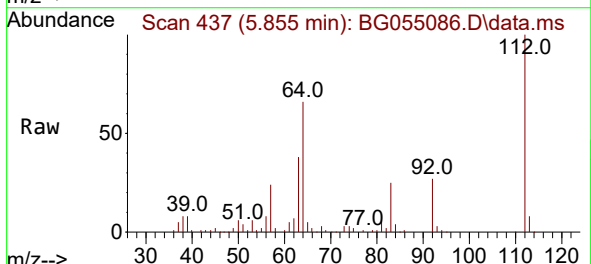
Instrument :
BNA_G
ClientSampleId :
006-4



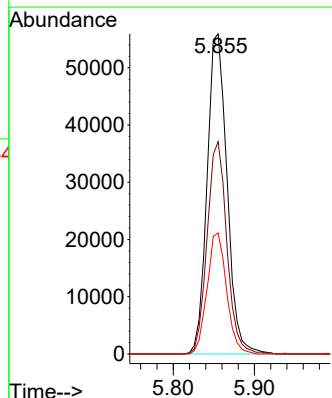
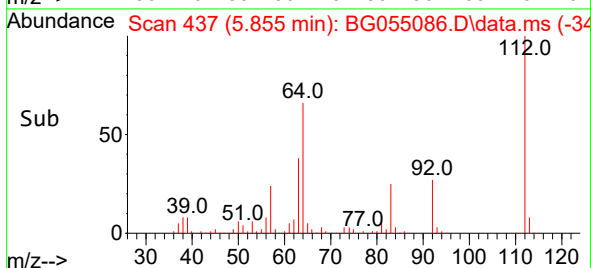
Tgt Ion:152 Resp: 24306
Ion Ratio Lower Upper
152 100
150 151.4 128.0 192.0
115 55.9 47.7 71.5

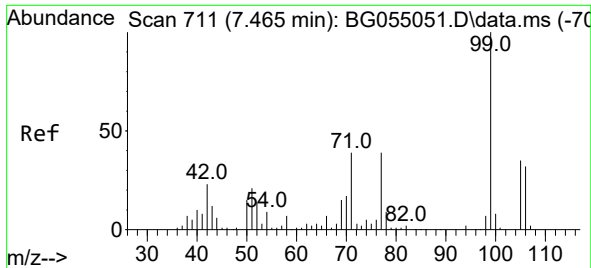


#5
2-Fluorophenol
Concen: 87.002 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34



Tgt Ion:112 Resp: 95207
Ion Ratio Lower Upper
112 100
64 66.4 54.5 81.7
63 37.9 30.5 45.7

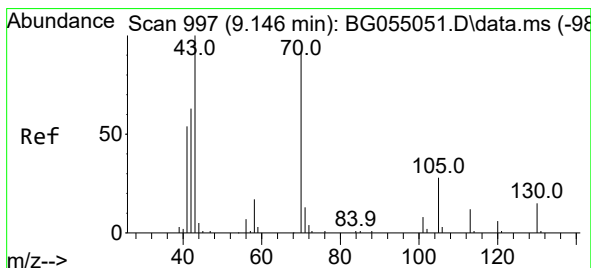
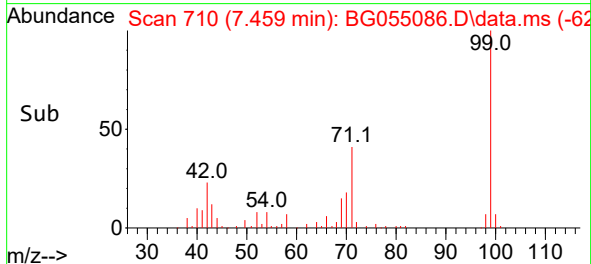
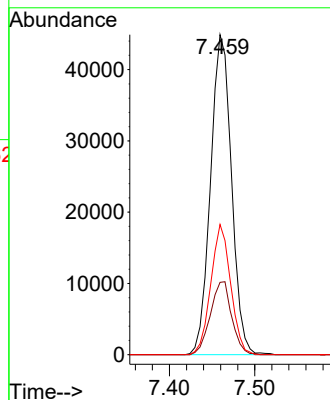
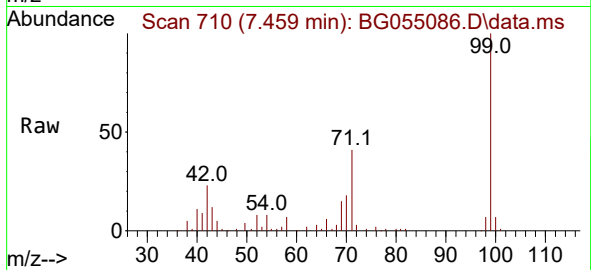




#7
Phenol-d6
Concen: 46.757 ng
RT: 7.459 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

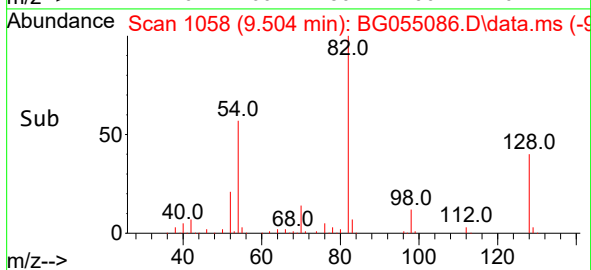
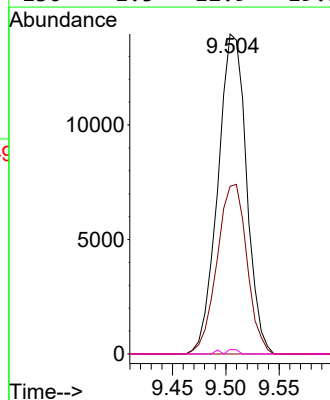
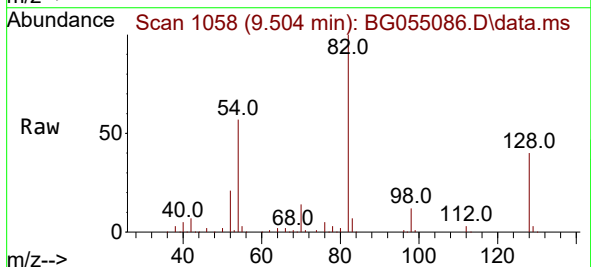
Instrument :
BNA_G
ClientSampleId :
006-4

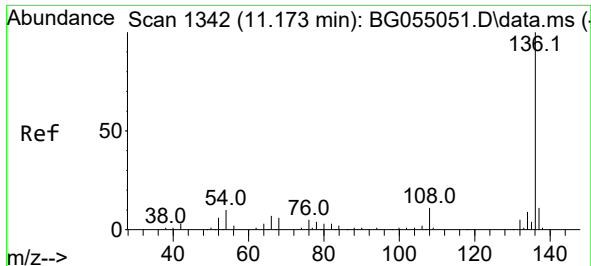
Tgt Ion: 99 Resp: 76664
Ion Ratio Lower Upper
99 100
42 22.6 18.6 28.0
71 40.7 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.388 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.358 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

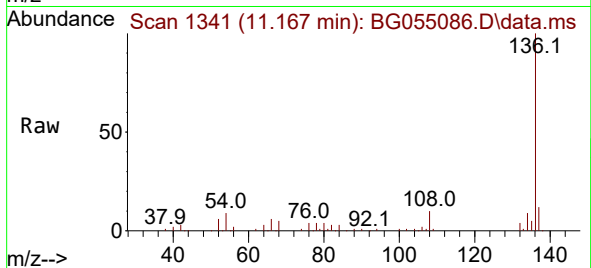
Tgt Ion: 70 Resp: 26028
Ion Ratio Lower Upper
70 100
42 52.4 55.8 83.6#
101 0.0 7.1 10.7#
130 1.5 12.9 19.3#



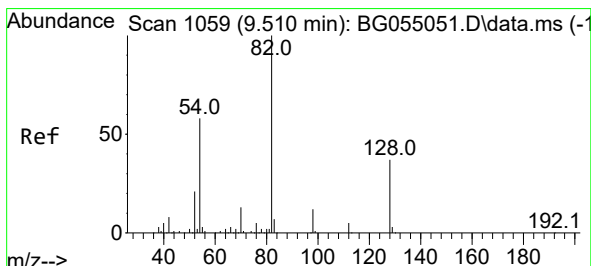
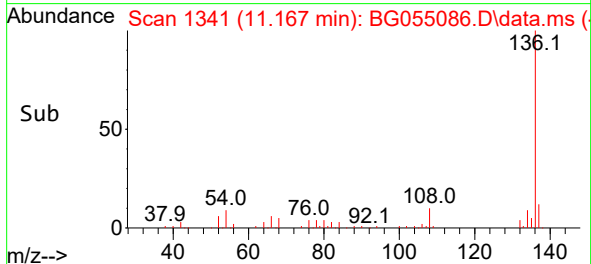
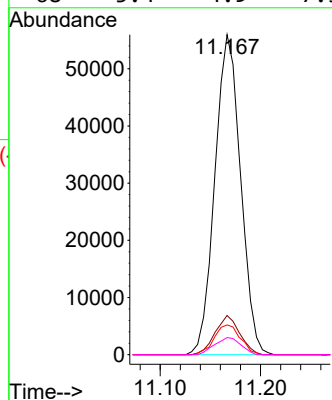


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

Instrument :
BNA_G
ClientSampleId :
006-4

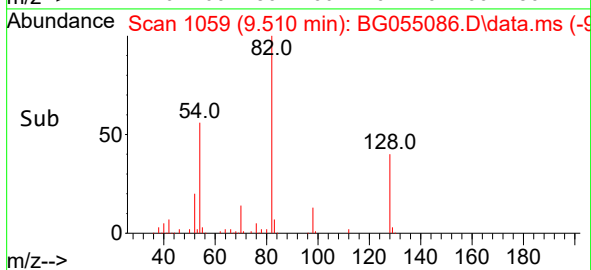
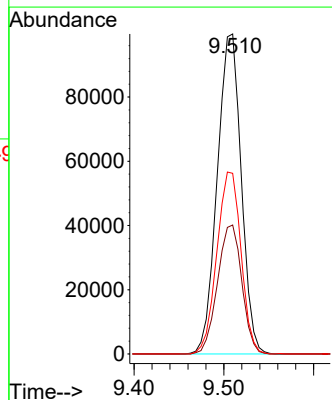
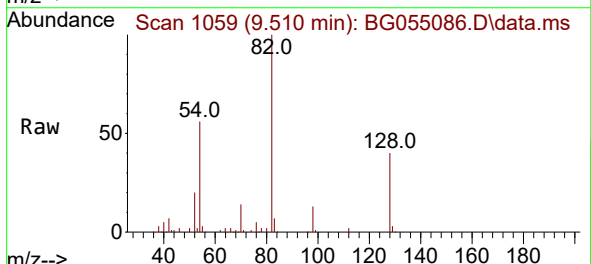


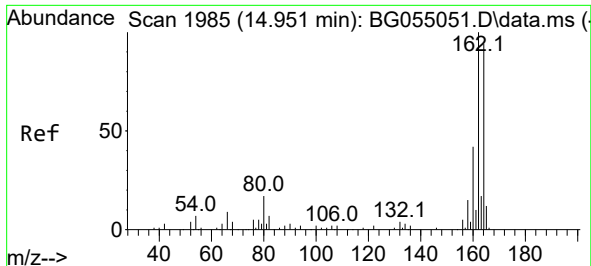
Tgt Ion:	136	Resp:	99336
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.7	13.1
54	9.3	8.2	12.4
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 111.152 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

Tgt Ion:	82	Resp:	184780
Ion Ratio	Lower	Upper	
82	100		
128	40.3	29.5	44.3
54	56.5	46.7	70.1

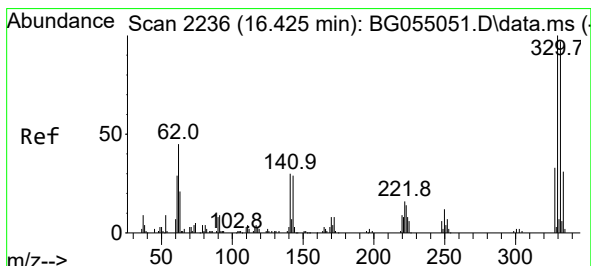
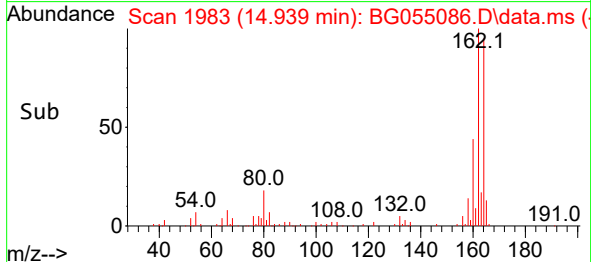
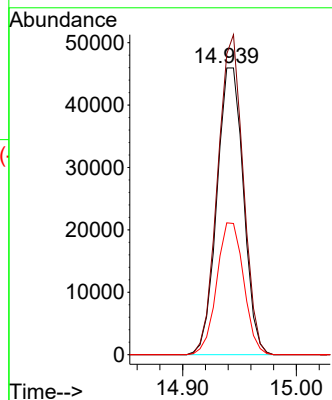
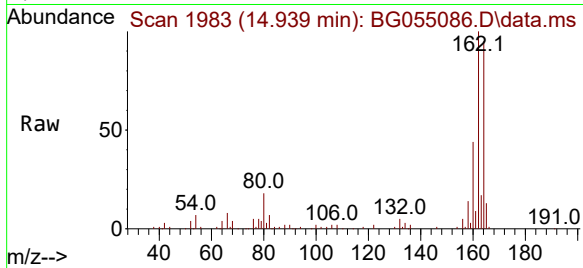




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

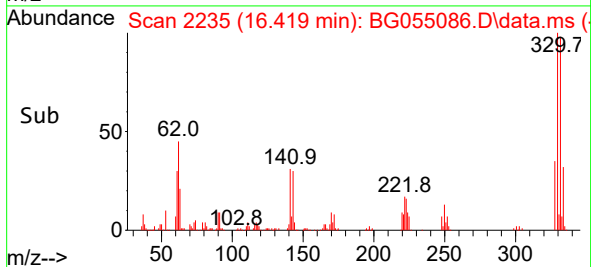
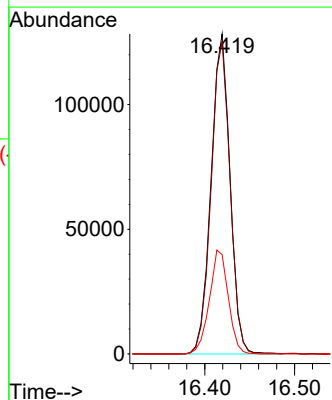
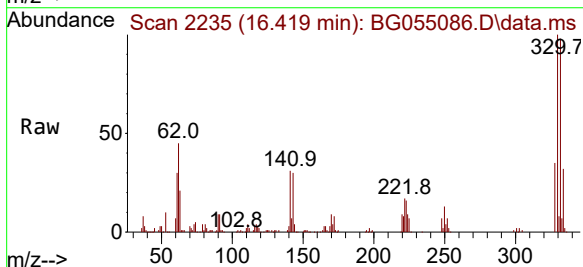
Instrument :
BNA_G
ClientSampleId :
006-4

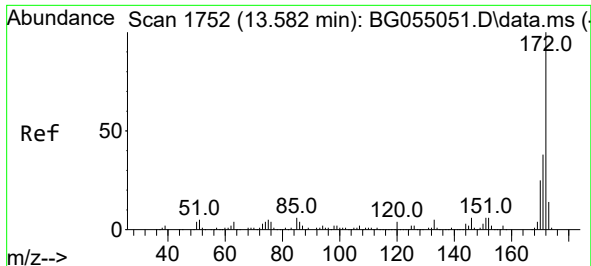
Tgt Ion:164 Resp: 74451
Ion Ratio Lower Upper
164 100
162 104.8 85.5 128.3
160 46.0 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 237.385 ng
RT: 16.419 min Scan# 2235
Delta R.T. -0.006 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

Tgt Ion:330 Resp: 187887
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 32.3 25.0 37.4

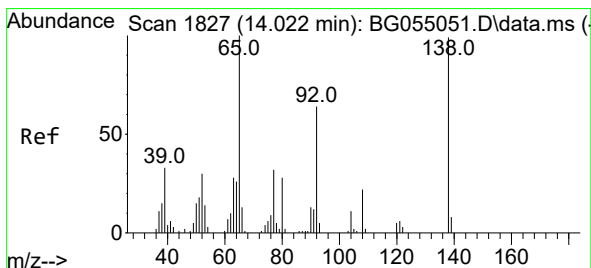
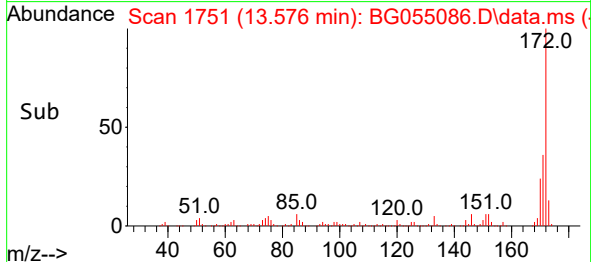
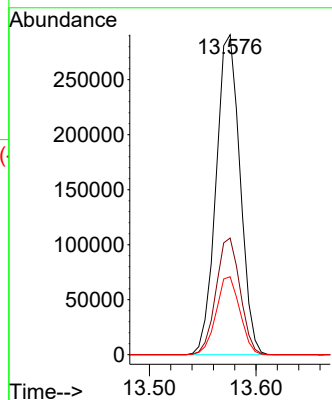
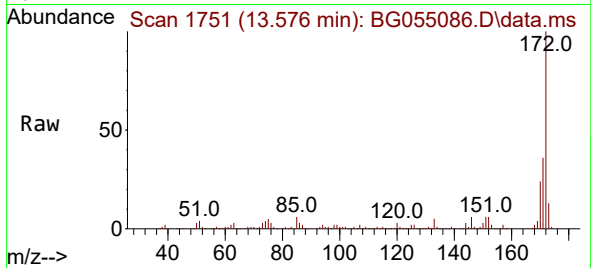




#45
2-Fluorobiphenyl
Concen: 95.194 ng
RT: 13.576 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

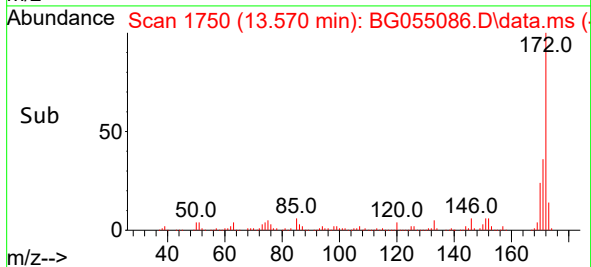
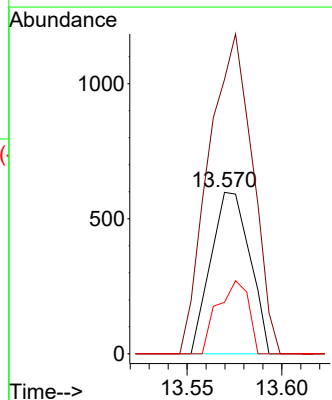
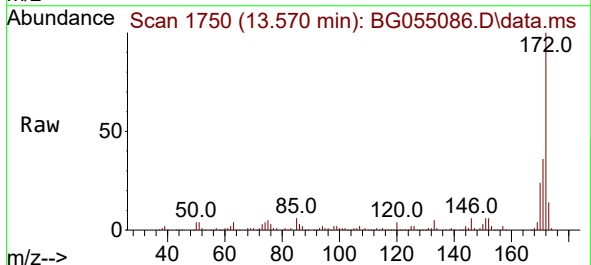
Instrument :
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ClientSampleId :
006-4

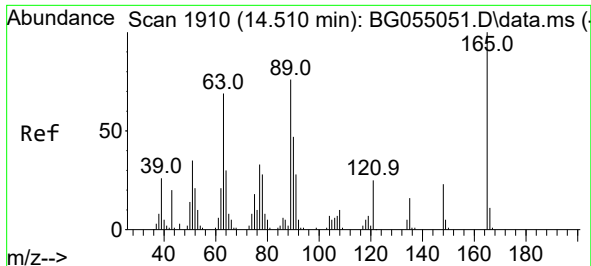
Tgt Ion:172 Resp: 453988
Ion Ratio Lower Upper
172 100
171 36.4 30.1 45.1
170 24.3 20.0 30.0



#48
2-Nitroaniline
Concen: 4.759 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.452 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

Tgt Ion: 65 Resp: 856
Ion Ratio Lower Upper
65 100
92 169.9 50.9 76.3#
138 31.9 79.5 119.3#

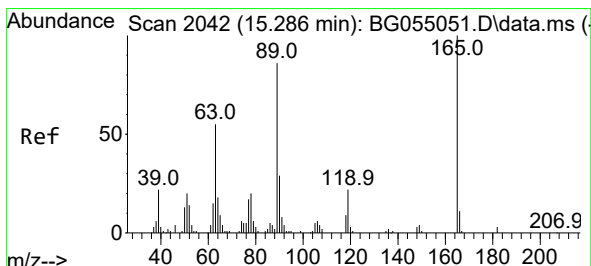
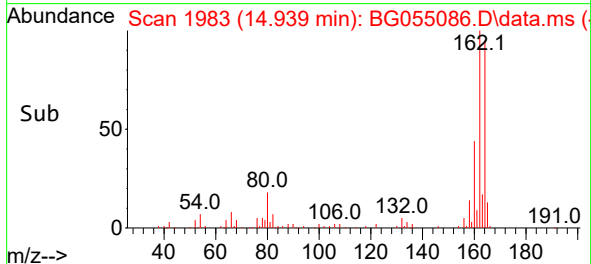
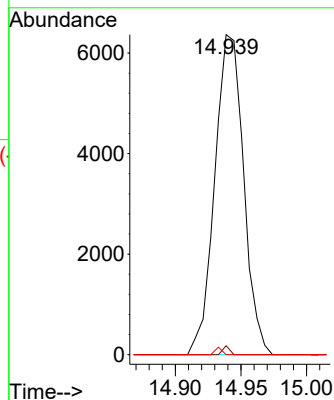
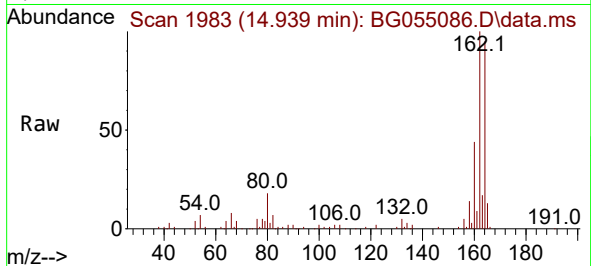




#51
2,6-Dinitrotoluene
Concen: 12.224 ng
RT: 14.939 min Scan# 1910
Delta R.T. 0.429 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

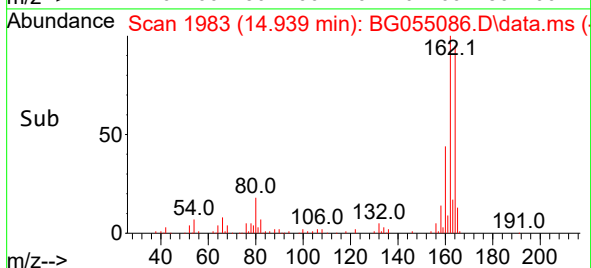
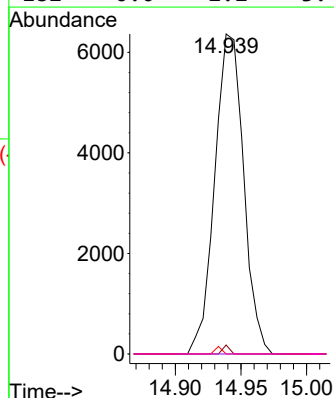
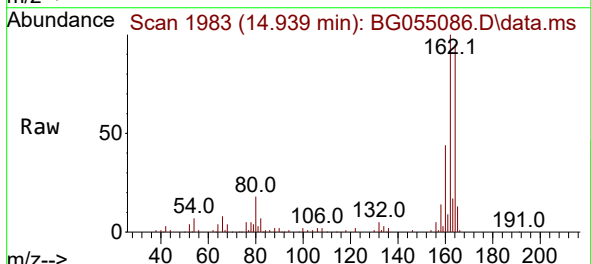
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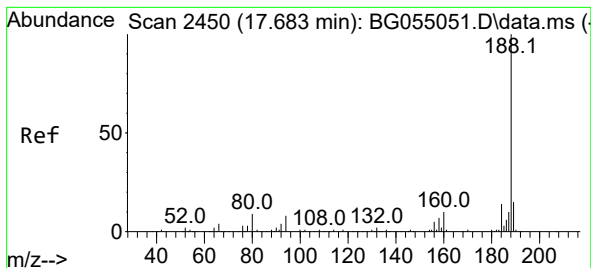
Tgt Ion:165 Resp: 9737
Ion Ratio Lower Upper
165 100
63 2.8 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.978 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.347 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

Tgt Ion:165 Resp: 9737
Ion Ratio Lower Upper
165 100
63 2.8 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. -0.006 min

Lab File: BG055086.D

Acq: 6 Oct 2022 17:34

Instrument :

BNA_G

ClientSampleId :

006-4

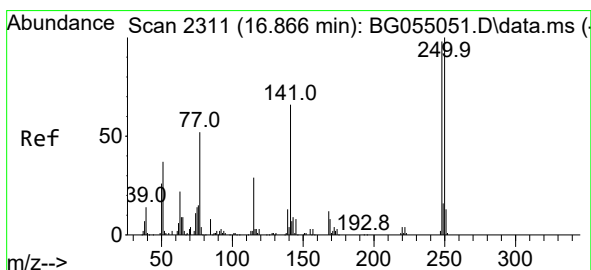
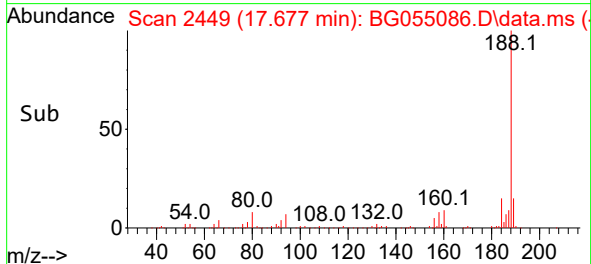
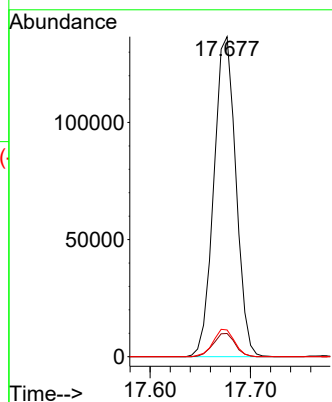
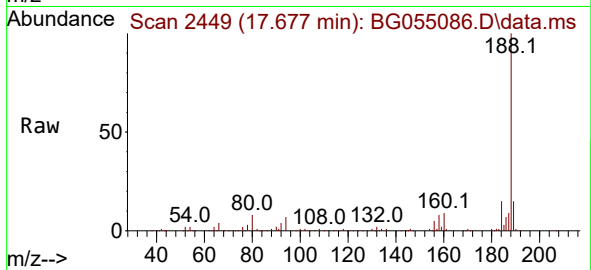
Tgt Ion:188 Resp: 208807

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.2

80 8.4 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 5.398 ng

RT: 16.419 min Scan# 2235

Delta R.T. -0.447 min

Lab File: BG055086.D

Acq: 6 Oct 2022 17:34

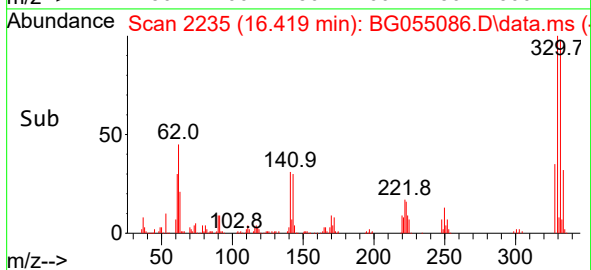
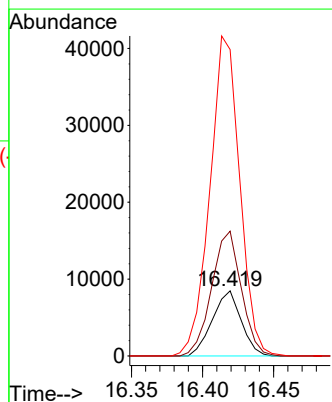
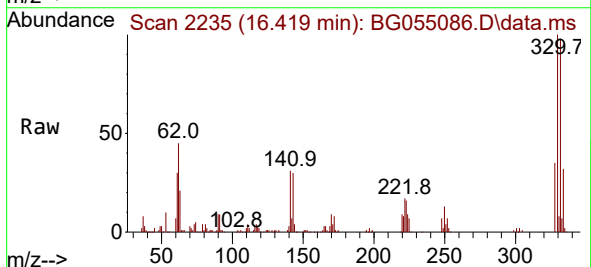
Tgt Ion:248 Resp: 11920

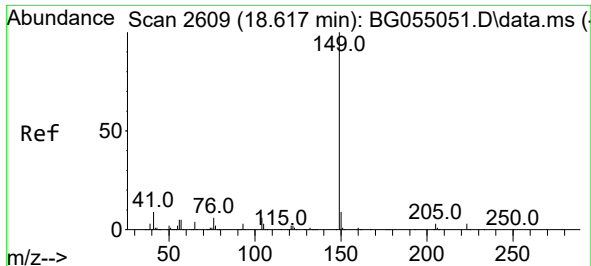
Ion Ratio Lower Upper

248 100

250 191.7 81.7 122.5#

141 471.0 53.7 80.5#

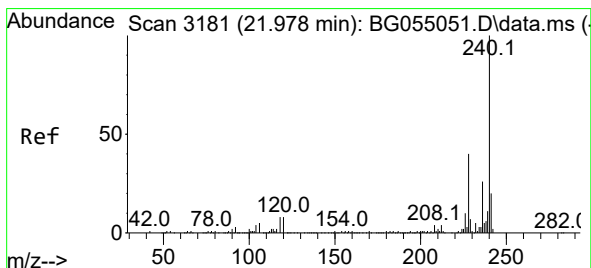
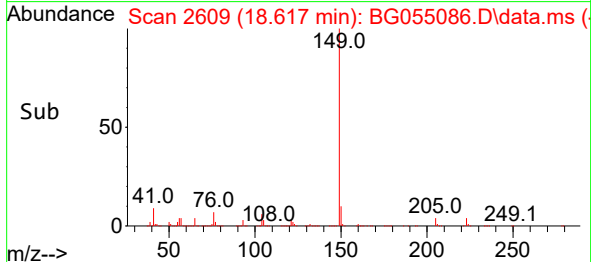
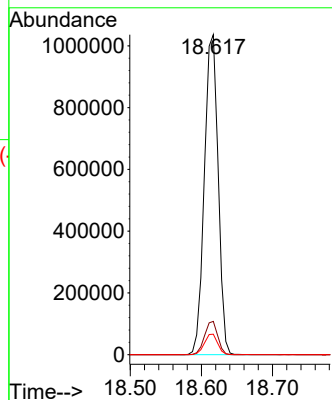
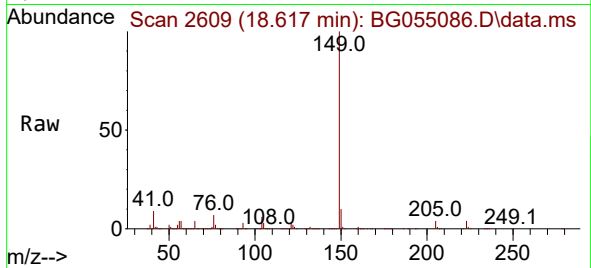




#74
Di-n-butylphthalate
Concen: 143.337 ng
RT: 18.617 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

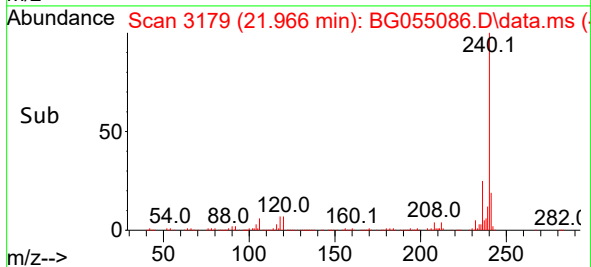
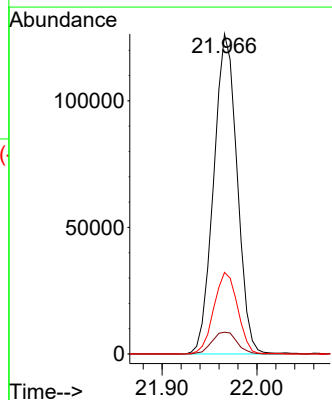
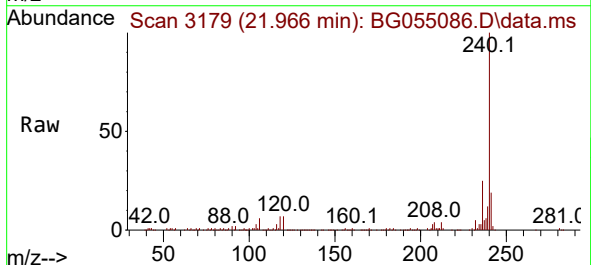
Instrument :
BNA_G
ClientSampleId :
006-4

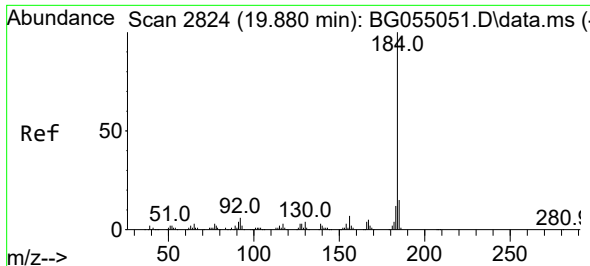
Tgt Ion:149 Resp: 1401057
Ion Ratio Lower Upper
149 100
150 10.4 7.5 11.3
104 6.4 4.8 7.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

Tgt Ion:240 Resp: 217184
Ion Ratio Lower Upper
240 100
120 6.8 6.2 9.4
236 25.5 20.6 30.8

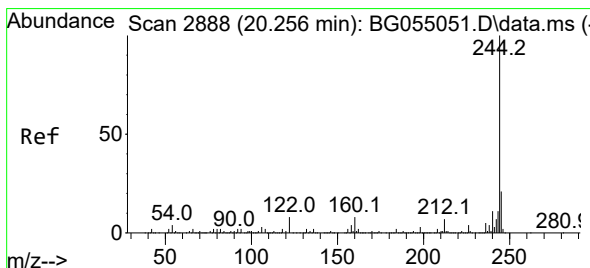
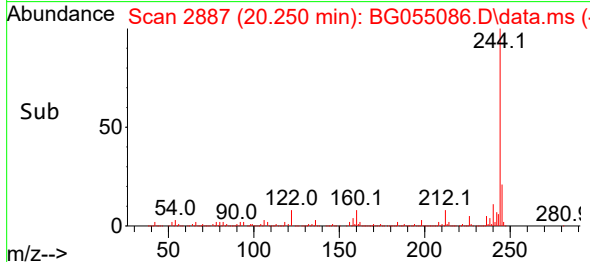
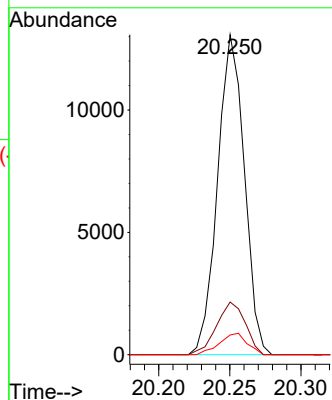
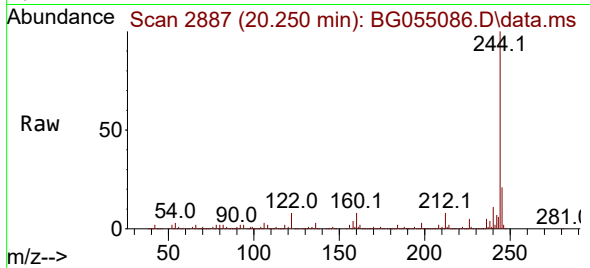




#77
Benzidine
Concen: 4.577 ng
RT: 20.250 min Scan# 2887
Delta R.T. 0.370 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

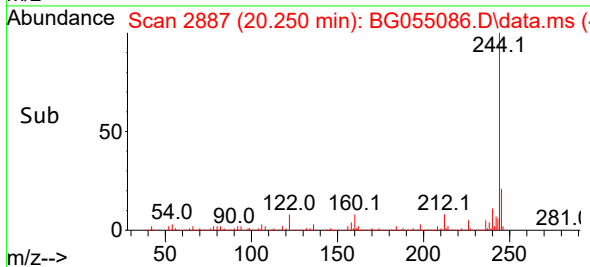
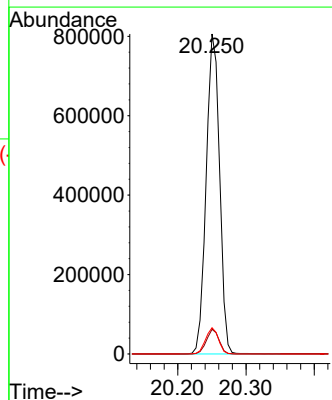
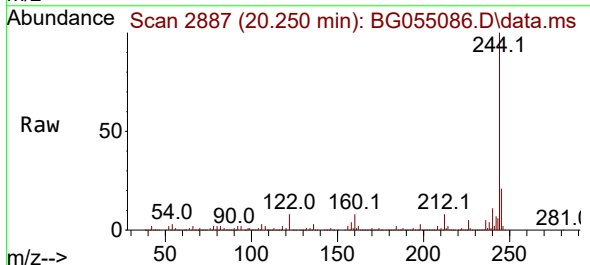
Instrument :
BNA_G
ClientSampleId :
006-4

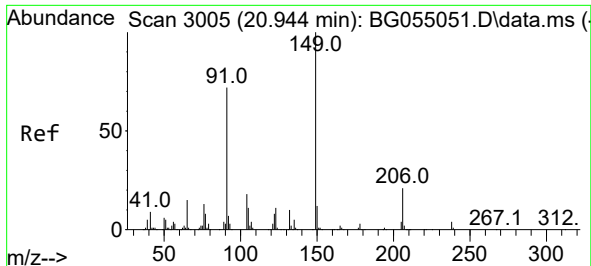
Tgt Ion:184 Resp: 17126
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.4
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 102.272 ng
RT: 20.250 min Scan# 2887
Delta R.T. -0.006 min
Lab File: BG055086.D
Acq: 6 Oct 2022 17:34

Tgt Ion:244 Resp: 1098953
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 8.2 6.6 10.0

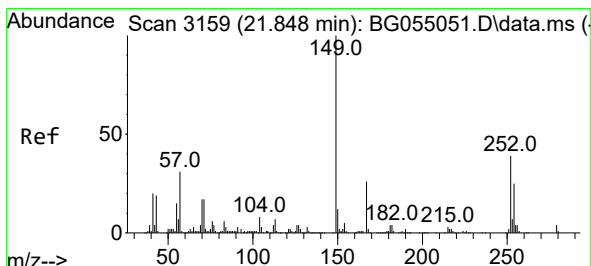
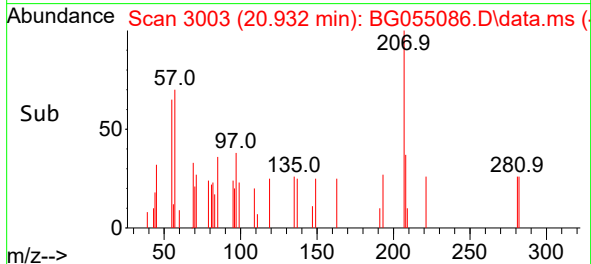
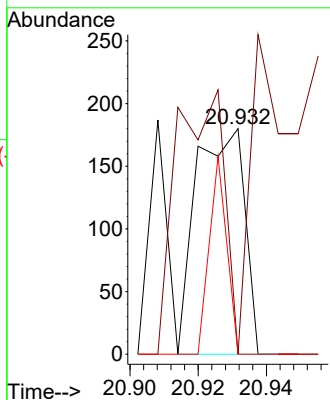
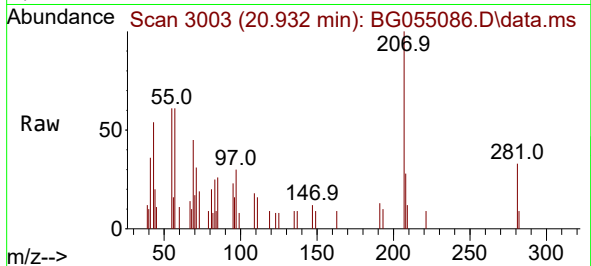




#80
 Butylbenzylphthalate
 Concen: 4.874 ng
 RT: 20.932 min Scan# 3005
 Delta R.T. -0.012 min
 Lab File: BG055086.D
 Acq: 6 Oct 2022 17:34

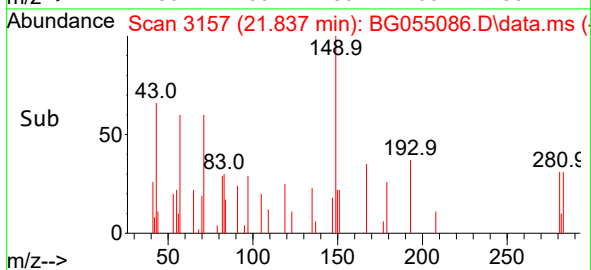
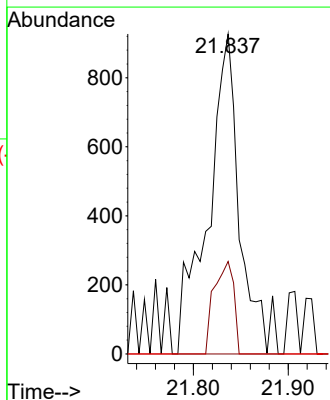
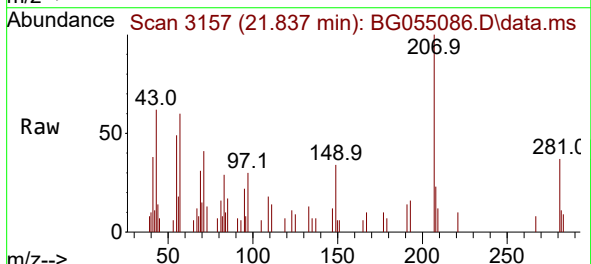
Instrument :
 BNA_G
 ClientSampleId :
 006-4

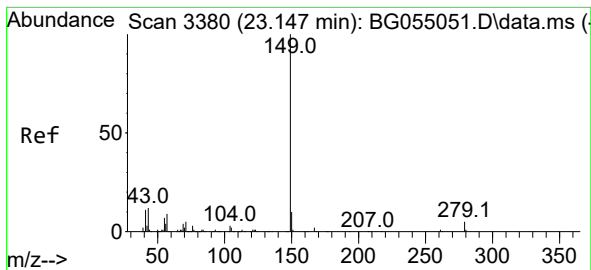
Tgt Ion:	149	Resp:	178
Ion	Ratio	Lower	Upper
149	100		
91	0.0	57.8	86.8#
206	0.0	16.9	25.3#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.394 ng
 RT: 21.837 min Scan# 3157
 Delta R.T. -0.011 min
 Lab File: BG055086.D
 Acq: 6 Oct 2022 17:34

Tgt Ion:	149	Resp:	2168
Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.0	31.4
279	0.0	3.4	5.2#





#85

Di-n-octyl phthalate

Concen: 4.360 ng

RT: 23.141 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055086.D

Acq: 6 Oct 2022 17:34

Instrument :

BNA_G

ClientSampleId :

006-4

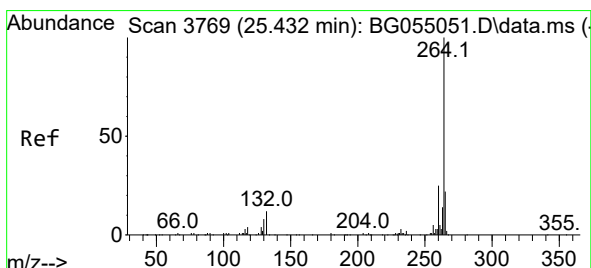
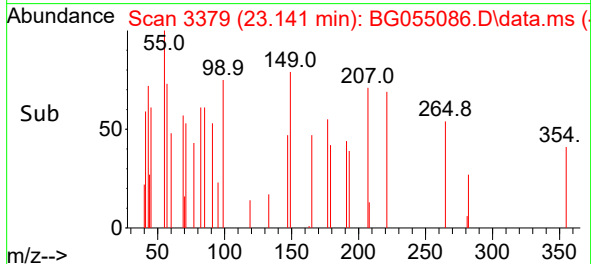
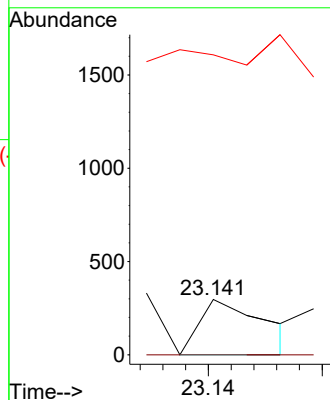
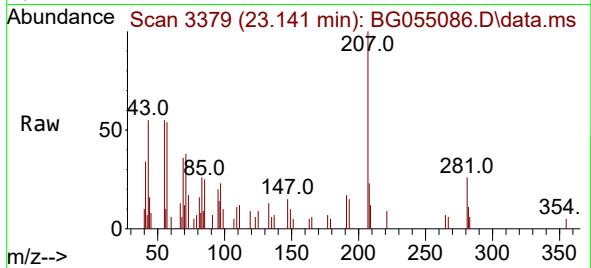
Tgt Ion:149 Resp: 237

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 143.5 10.2 15.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.415 min Scan# 3766

Delta R.T. -0.018 min

Lab File: BG055086.D

Acq: 6 Oct 2022 17:34

Tgt Ion:264 Resp: 231463

Ion Ratio Lower Upper

264 100

260 23.0 19.7 29.5

265 21.2 17.8 26.6

