

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
 Data File : BG055059.D
 Acq On : 4 Oct 2022 11:56
 Operator : CG/JU
 Sample : PB148039BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 00:28:44 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)

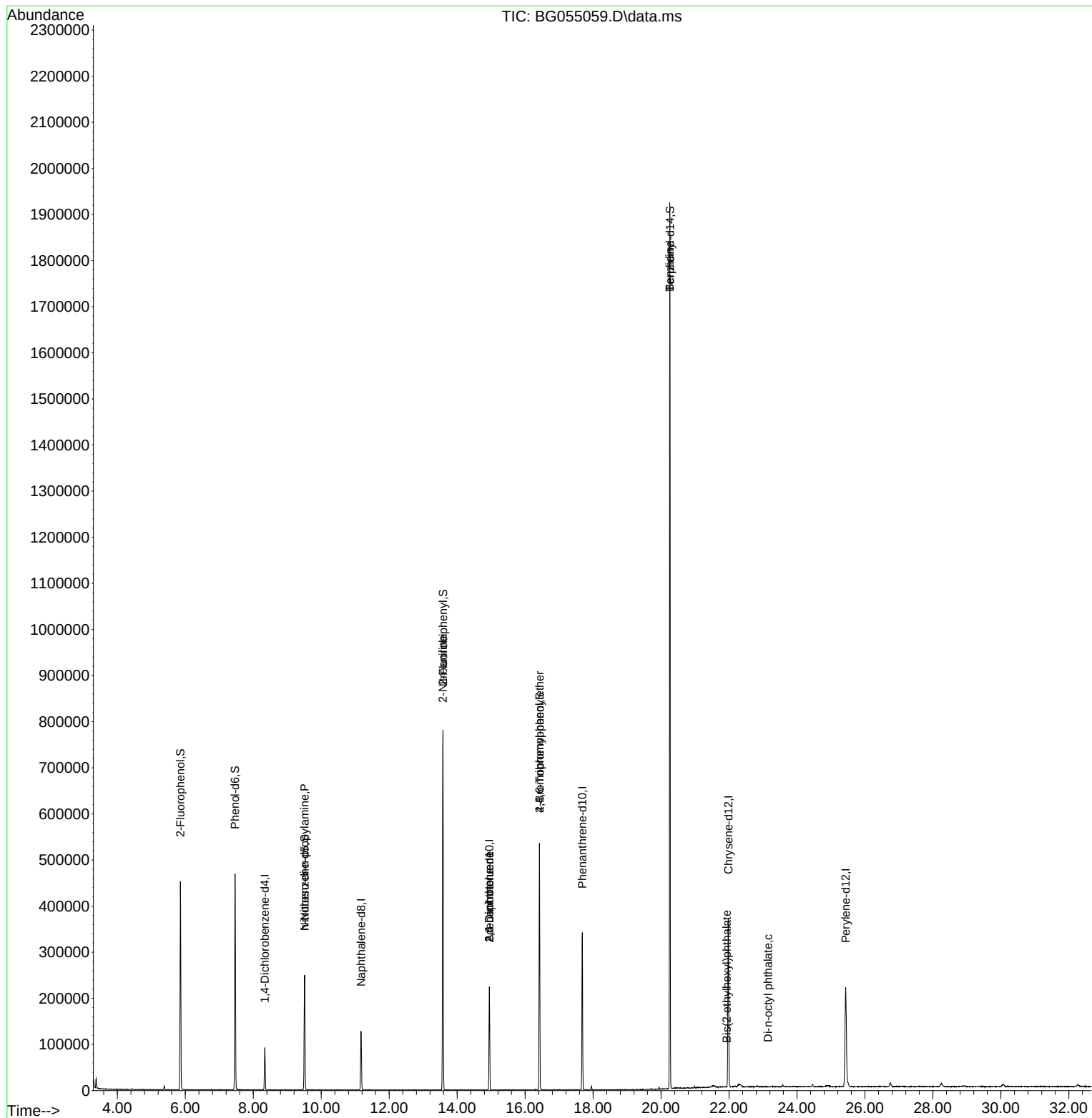
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	24697	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	108504	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	80984	20.000	ng	0.00
64) Phenanthrene-d10	17.682	188	216907	20.000	ng	0.00
76) Chrysene-d12	21.977	240	240893	20.000	ng	0.00
86) Perylene-d12	25.432	264	252994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	183713	165.223	ng	0.00
7) Phenol-d6	7.465	99	247171	148.363	ng	0.00
23) Nitrobenzene-d5	9.509	82	146820	80.855	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	106256	126.441	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	392319	75.627	ng	0.00
79) Terphenyl-d14	20.261	244	960554	80.594	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.509	70	19625	12.161	ng	# 75
48) 2-Nitroaniline	13.575	65	731	4.613	ng	# 1
51) 2,6-Dinitrotoluene	14.944	165	10213	11.912	ng	# 14
57) 2,4-Dinitrotoluene	14.944	165	10213	9.750	ng	# 16
67) 4-Bromophenyl-phenylether	16.425	248	6394	2.787	ng	# 1
77) Benzidine	20.255	184	15068	3.631	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.930	149	56	4.108	ng	# 54
85) Di-n-octyl phthalate	23.146	149	58	4.345	ng	# 1

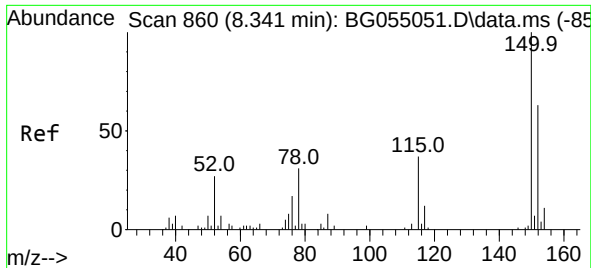
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
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BNA_G
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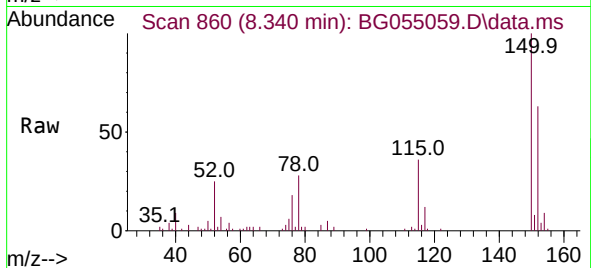
Quant Time: Oct 05 00:28:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



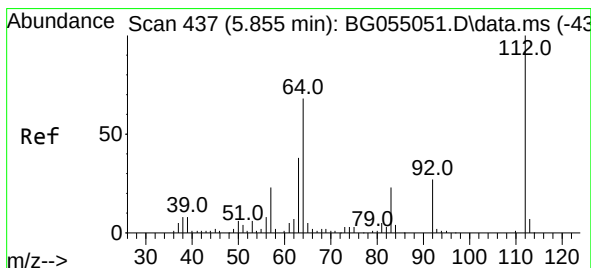
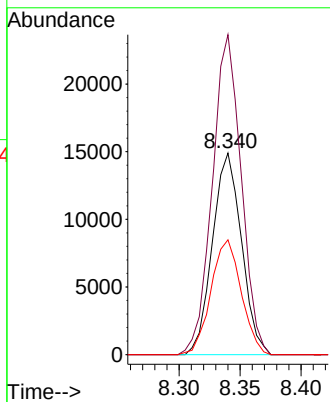
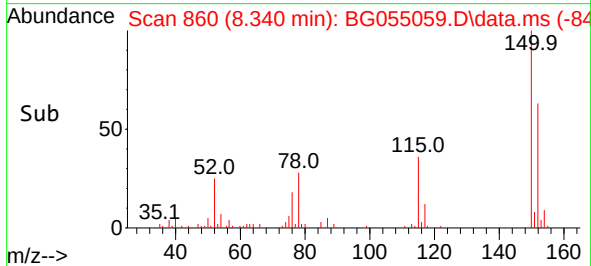


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

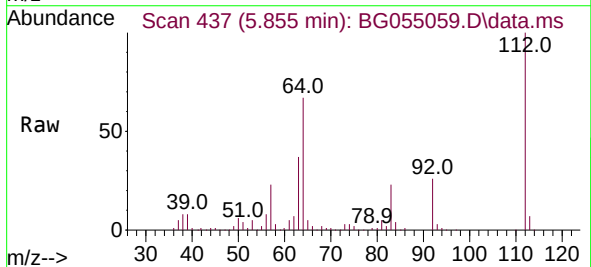
Instrument :
BNA_G
ClientSampleId :



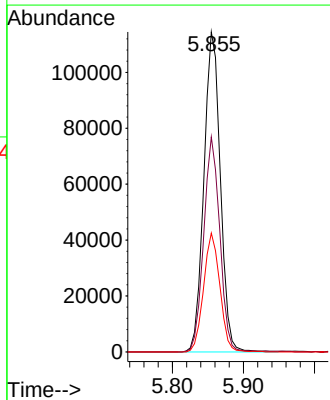
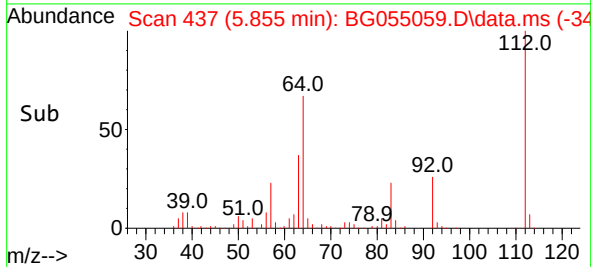
Tgt Ion:152 Resp: 24697
Ion Ratio Lower Upper
152 100
150 158.8 128.0 192.0
115 57.0 47.7 71.5

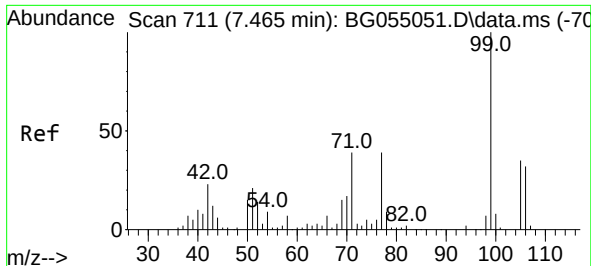


#5
2-Fluorophenol
Concen: 165.223 ng
RT: 5.855 min Scan# 437
Delta R.T. -0.000 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56



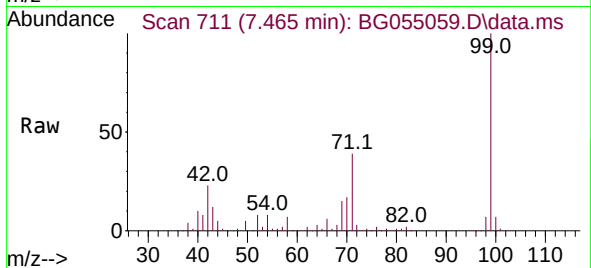
Tgt Ion:112 Resp: 183713
Ion Ratio Lower Upper
112 100
64 67.2 54.5 81.7
63 37.1 30.5 45.7



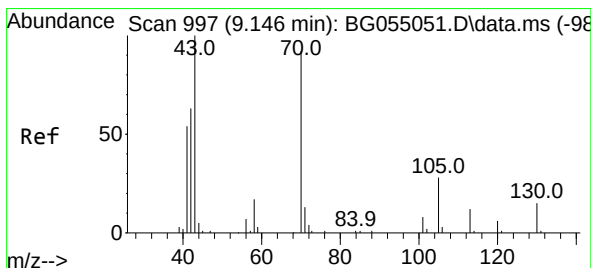
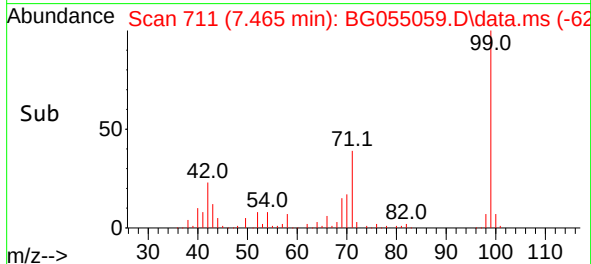
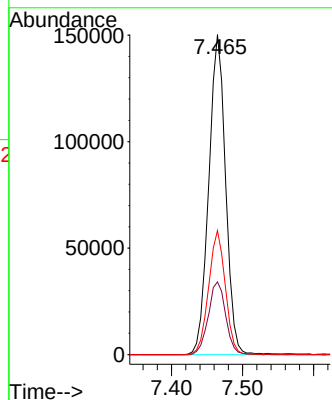


#7
Phenol-d6
Concen: 148.363 ng
RT: 7.465 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Instrument :
BNA_G
ClientSampleId :

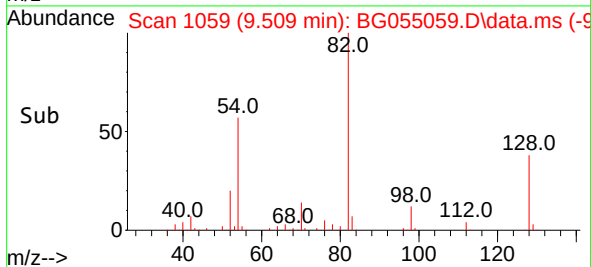
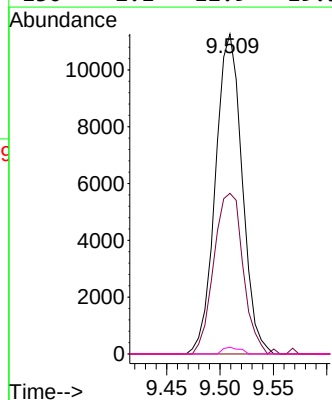
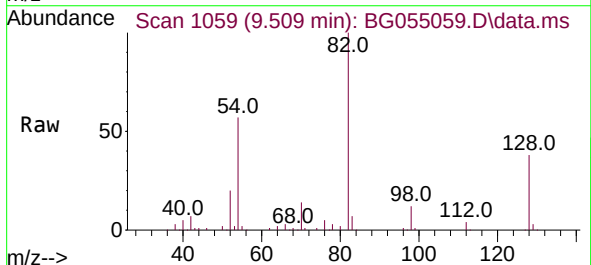


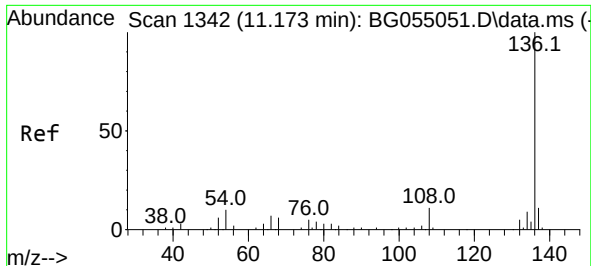
Tgt Ion: 99 Resp: 247171
Ion Ratio Lower Upper
99 100
42 22.7 18.6 28.0
71 38.8 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.161 ng
RT: 9.509 min Scan# 1059
Delta R.T. 0.364 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

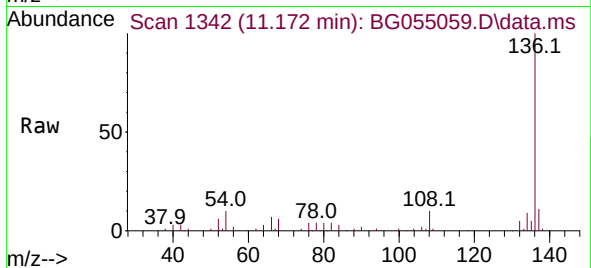
Tgt Ion: 70 Resp: 19625
Ion Ratio Lower Upper
70 100
42 50.2 55.8 83.6#
101 0.0 7.1 10.7#
130 2.1 12.9 19.3#



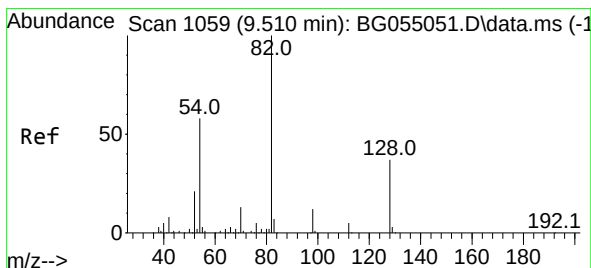
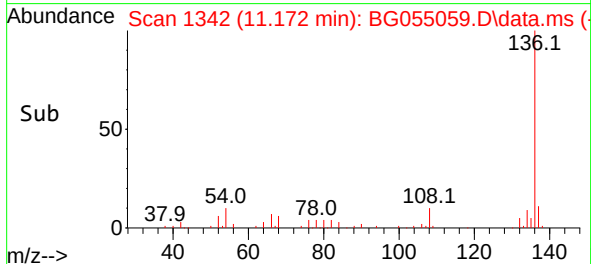
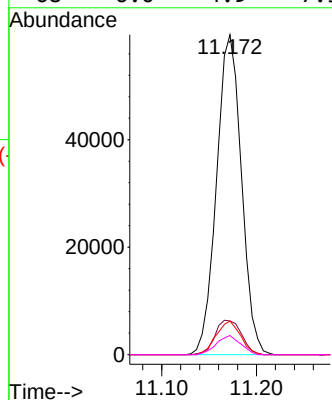


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Instrument :
BNA_G
ClientSampleId :

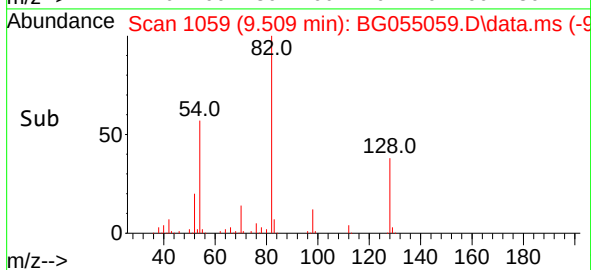
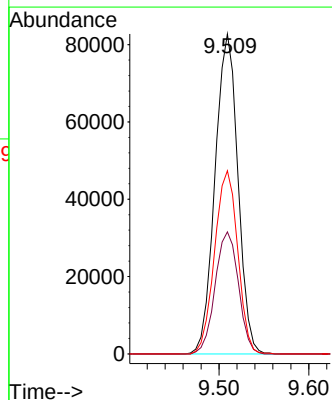
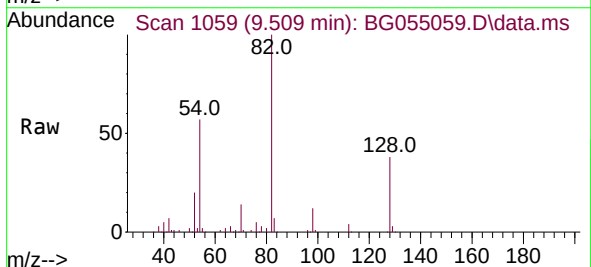


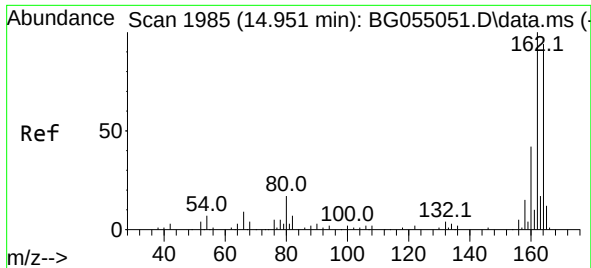
Tgt Ion:	136	Resp:	108504
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	10.5	8.2	12.4
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 80.855 ng
RT: 9.509 min Scan# 1059
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

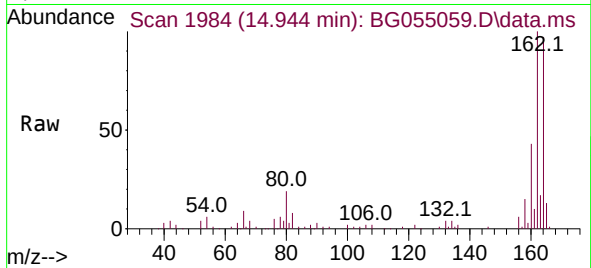
Tgt Ion:	82	Resp:	146820
Ion Ratio	Lower	Upper	
82	100		
128	38.1	29.5	44.3
54	57.2	46.7	70.1



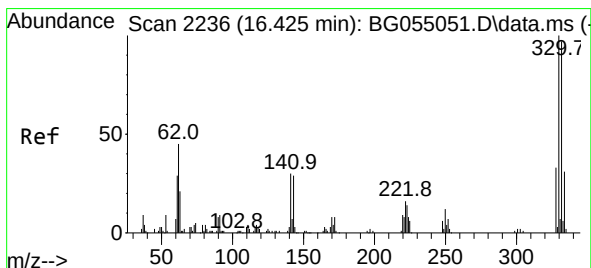
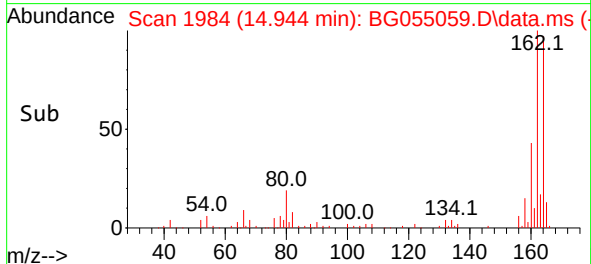
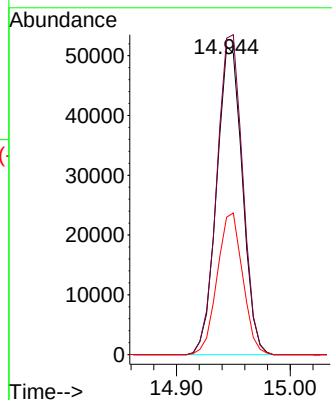


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Instrument :
BNA_G
ClientSampleId :

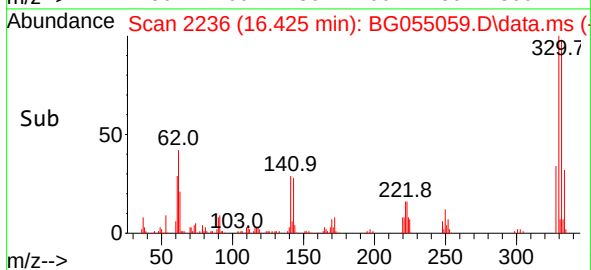
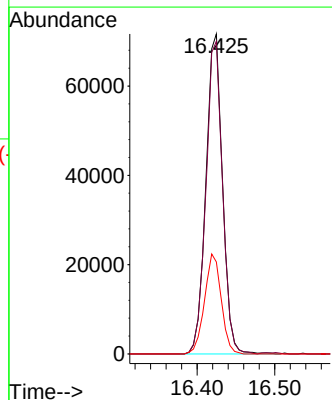
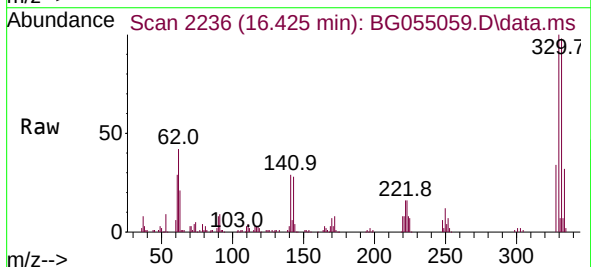


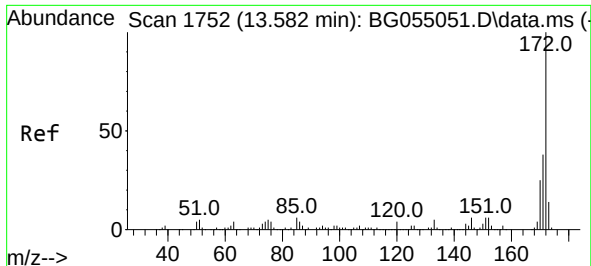
Tgt Ion:164 Resp: 80984
Ion Ratio Lower Upper
164 100
162 102.7 85.5 128.3
160 44.6 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 126.441 ng
RT: 16.425 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

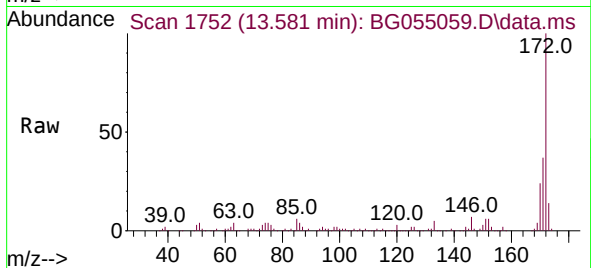
Tgt Ion:330 Resp: 106256
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 31.4 25.0 37.4



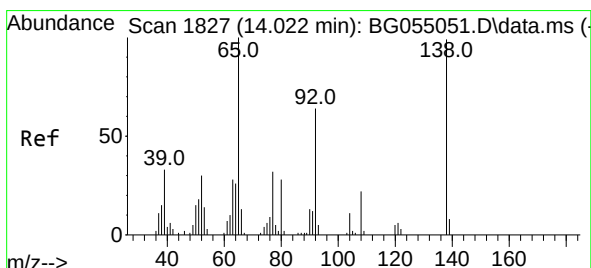
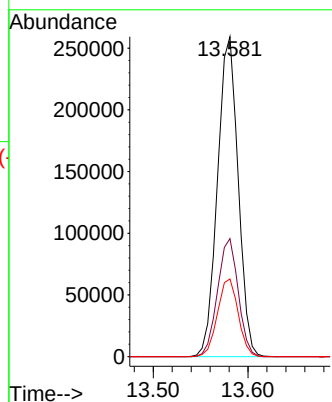
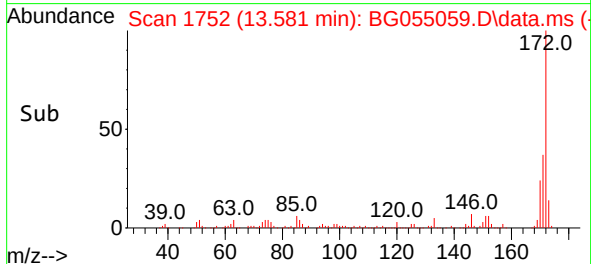


#45
2-Fluorobiphenyl
Concen: 75.627 ng
RT: 13.581 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Instrument :
BNA_G
ClientSampleId :

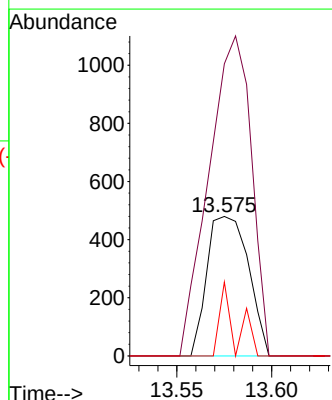
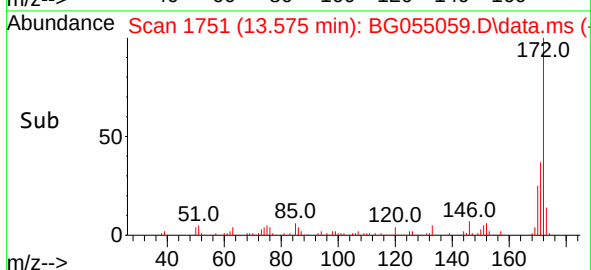
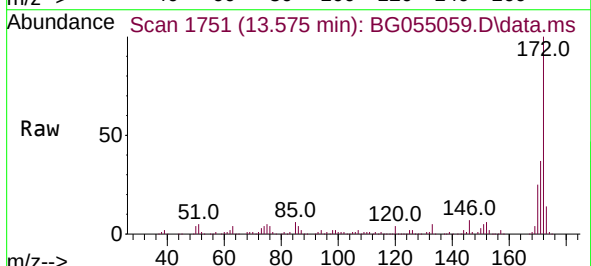


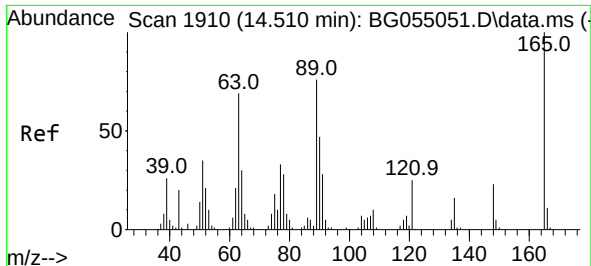
Tgt Ion:172 Resp: 392319
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 24.3 20.0 30.0



#48
2-Nitroaniline
Concen: 4.613 ng
RT: 13.575 min Scan# 1751
Delta R.T. -0.447 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

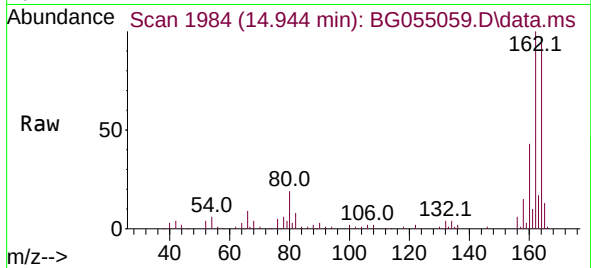
Tgt Ion: 65 Resp: 731
Ion Ratio Lower Upper
65 100
92 209.4 50.9 76.3#
138 52.9 79.5 119.3#



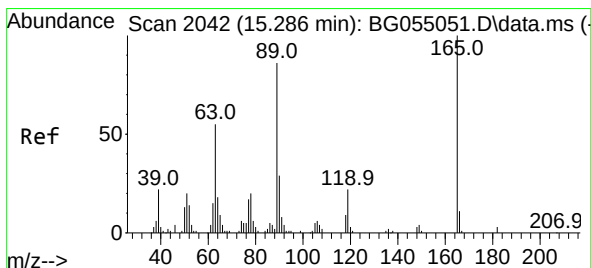
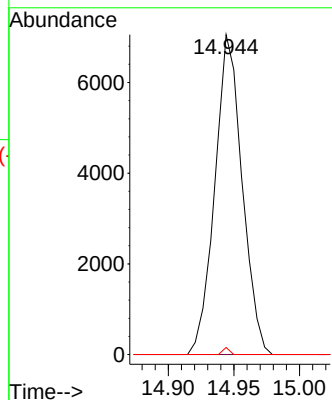
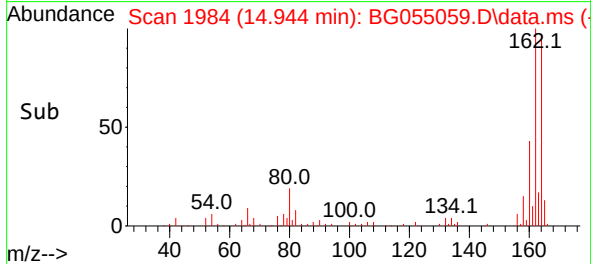


#51
2,6-Dinitrotoluene
Concen: 11.912 ng
RT: 14.944 min Scan# 1910
Delta R.T. 0.434 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

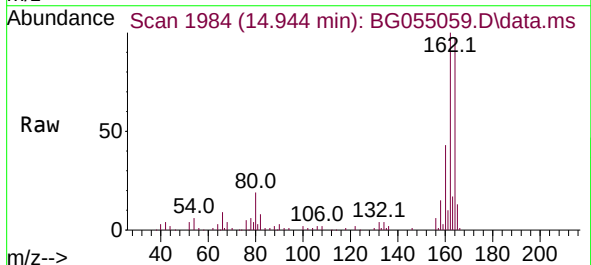
Instrument :
BNA_G
ClientSampleId :



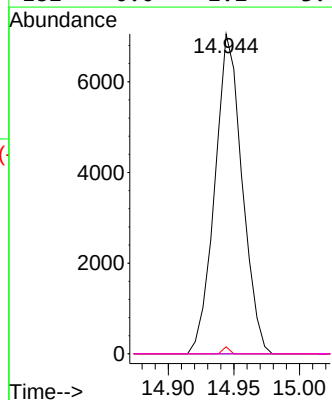
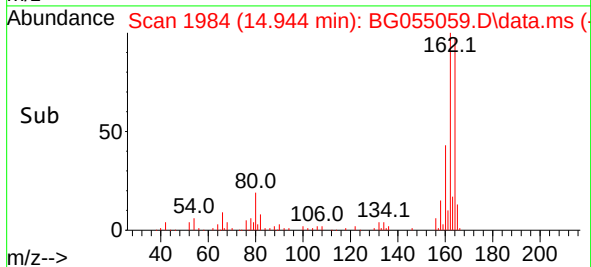
Tgt Ion:165 Resp: 10213
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 2.2 60.4 90.6#

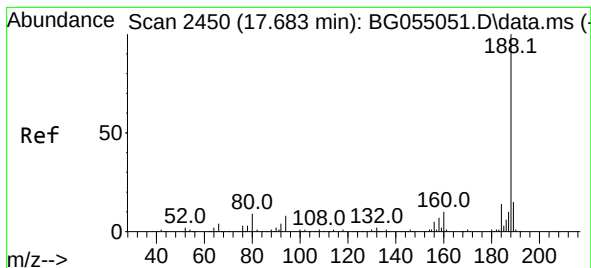


#57
2,4-Dinitrotoluene
Concen: 9.750 ng
RT: 14.944 min Scan# 1984
Delta R.T. -0.342 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56



Tgt Ion:165 Resp: 10213
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.2 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.682 min Scan# 24

Delta R.T. -0.001 min

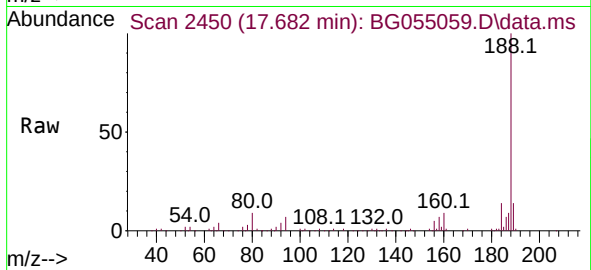
Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

Instrument :

BNA_G

ClientSampleId :



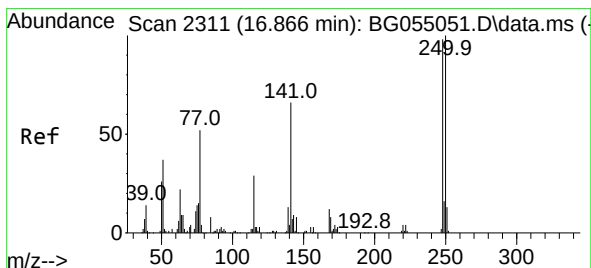
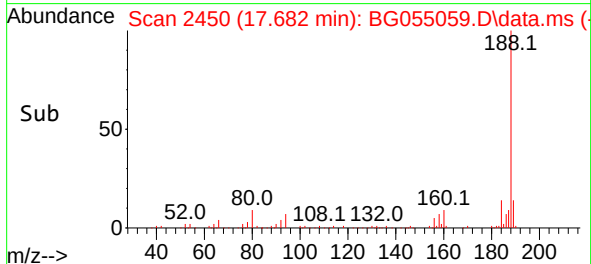
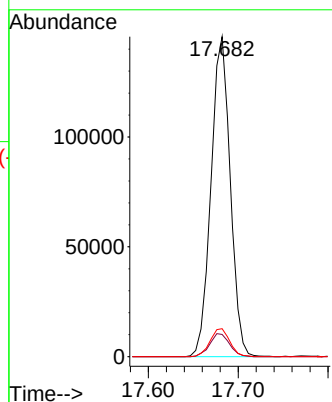
Tgt Ion:188 Resp: 216907

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.2

80 8.7 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 2.787 ng

RT: 16.425 min Scan# 2236

Delta R.T. -0.441 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

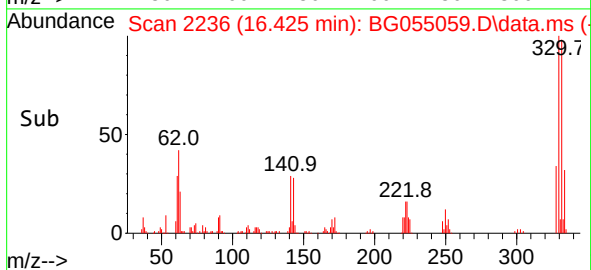
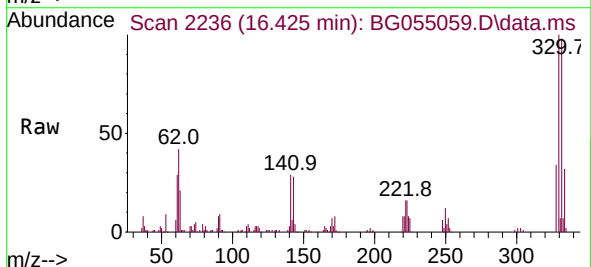
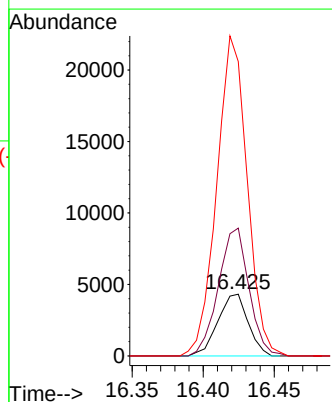
Tgt Ion:248 Resp: 6394

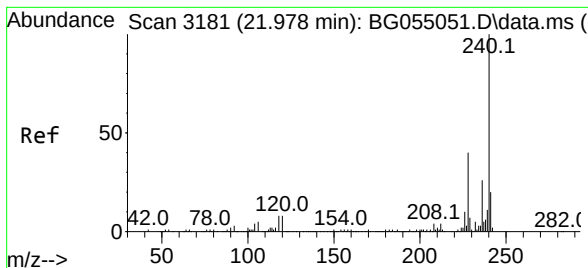
Ion Ratio Lower Upper

248 100

250 207.1 81.7 122.5#

141 477.1 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.977 min Scan# 31

Delta R.T. -0.001 min

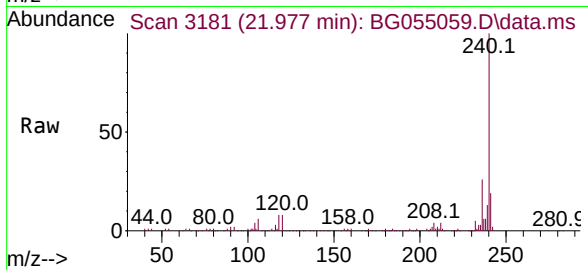
Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

Instrument :

BNA_G

ClientSampleId :



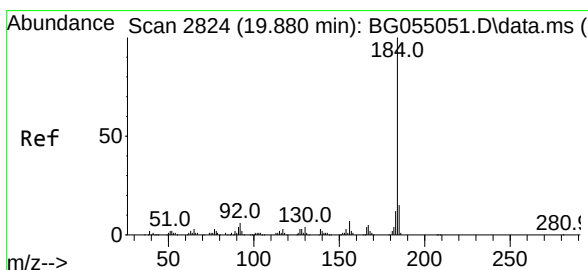
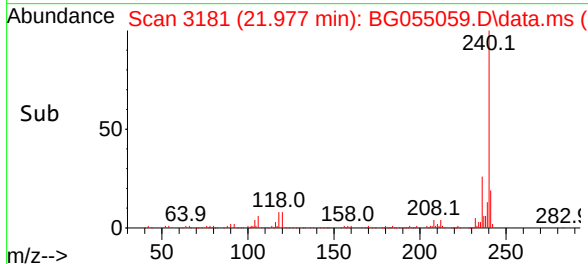
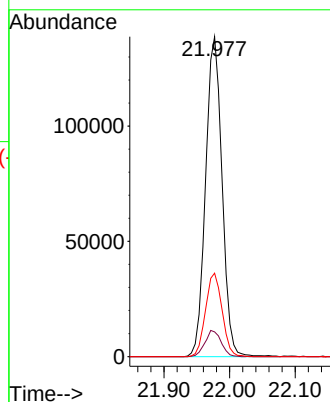
Tgt Ion:240 Resp: 240893

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

236 26.1 20.6 30.8



#77

Benzidine

Concen: 3.631 ng

RT: 20.255 min Scan# 2888

Delta R.T. 0.375 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

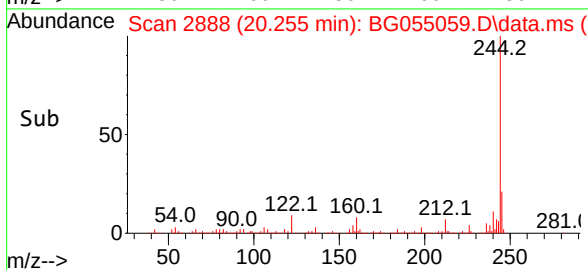
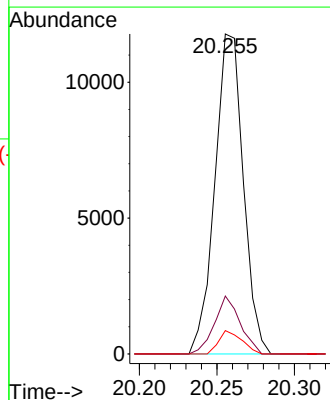
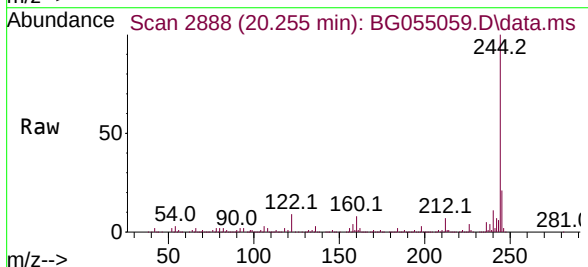
Tgt Ion:184 Resp: 15068

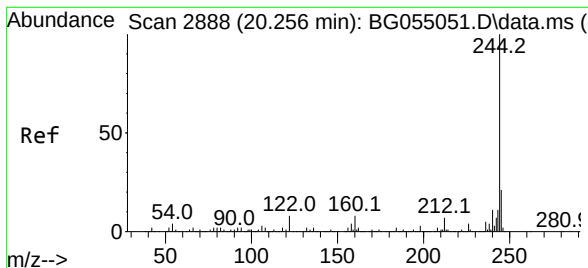
Ion Ratio Lower Upper

184 100

185 18.1 12.2 18.4

183 7.3 9.4 14.0#





#79

Terphenyl-d14

Concen: 80.594 ng

RT: 20.261 min Scan# 2889

Delta R.T. 0.005 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

Instrument :

BNA_G

ClientSampleId :

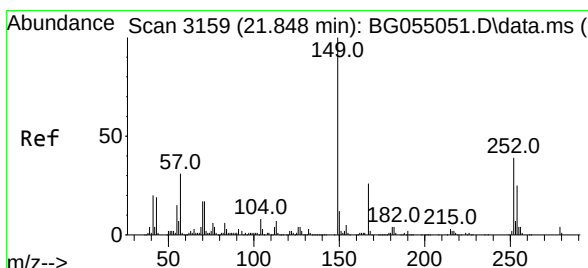
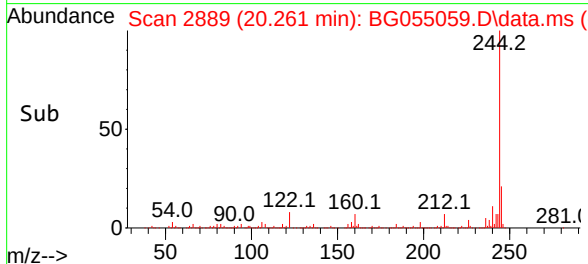
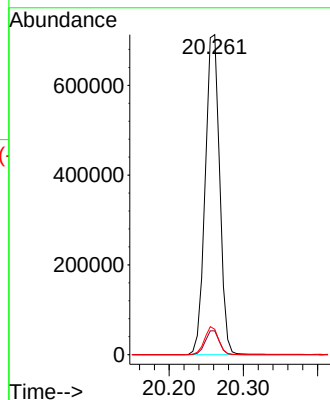
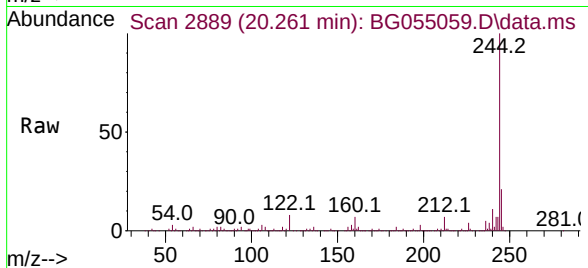
Tgt Ion:244 Resp: 960554

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.9 6.6 10.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.108 ng

RT: 21.930 min Scan# 3173

Delta R.T. 0.082 min

Lab File: BG055059.D

Acq: 4 Oct 2022 11:56

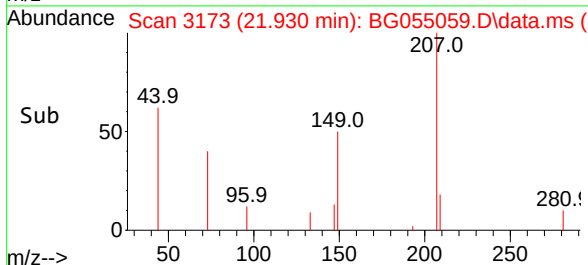
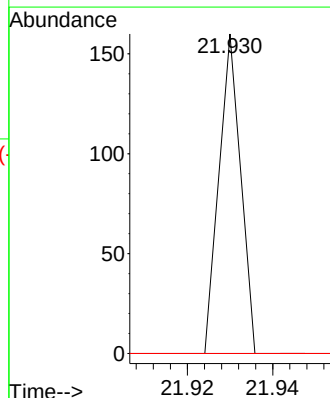
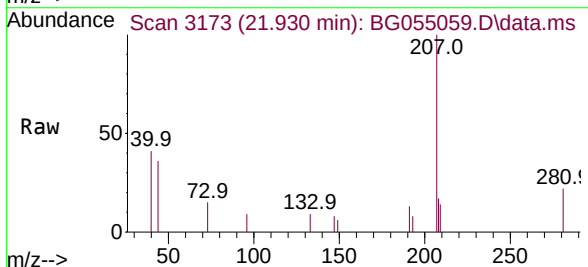
Tgt Ion:149 Resp: 56

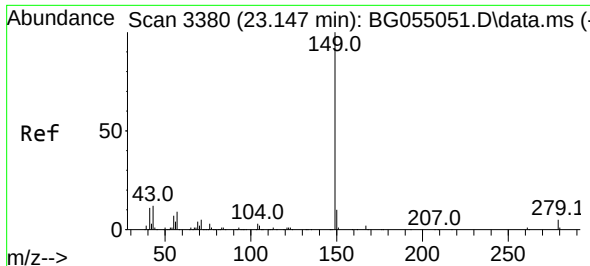
Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.4#

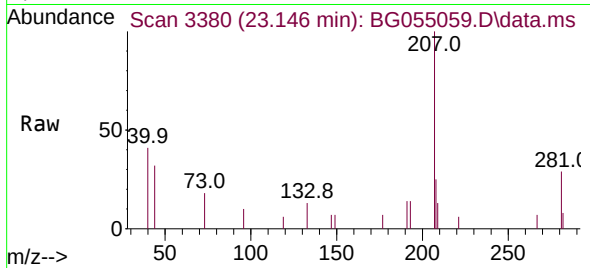
279 0.0 3.4 5.2#



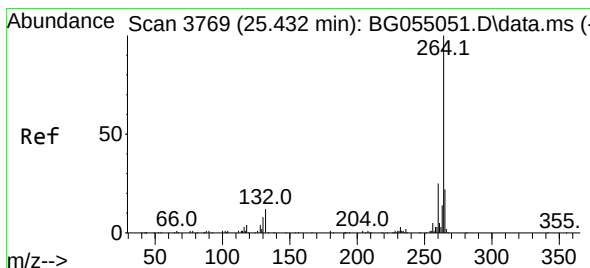
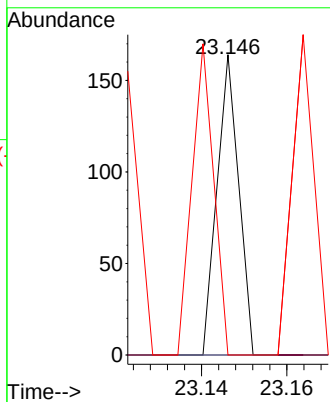
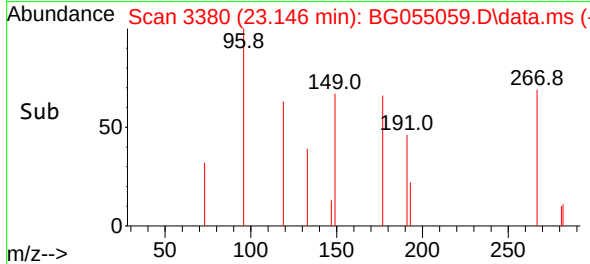


#85
Di-n-octyl phthalate
Concen: 4.345 ng
RT: 23.146 min Scan# 3380
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:149 Resp: 58
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 103.4 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.432 min Scan# 3769
Delta R.T. -0.001 min
Lab File: BG055059.D
Acq: 4 Oct 2022 11:56

Tgt Ion:264 Resp: 252994
Ion Ratio Lower Upper
264 100
260 24.9 19.7 29.5
265 21.4 17.8 26.6

