

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
 Data File : BG055072.D
 Acq On : 4 Oct 2022 21:01
 Operator : CG/JU
 Sample : N4936-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 00:34:14 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)

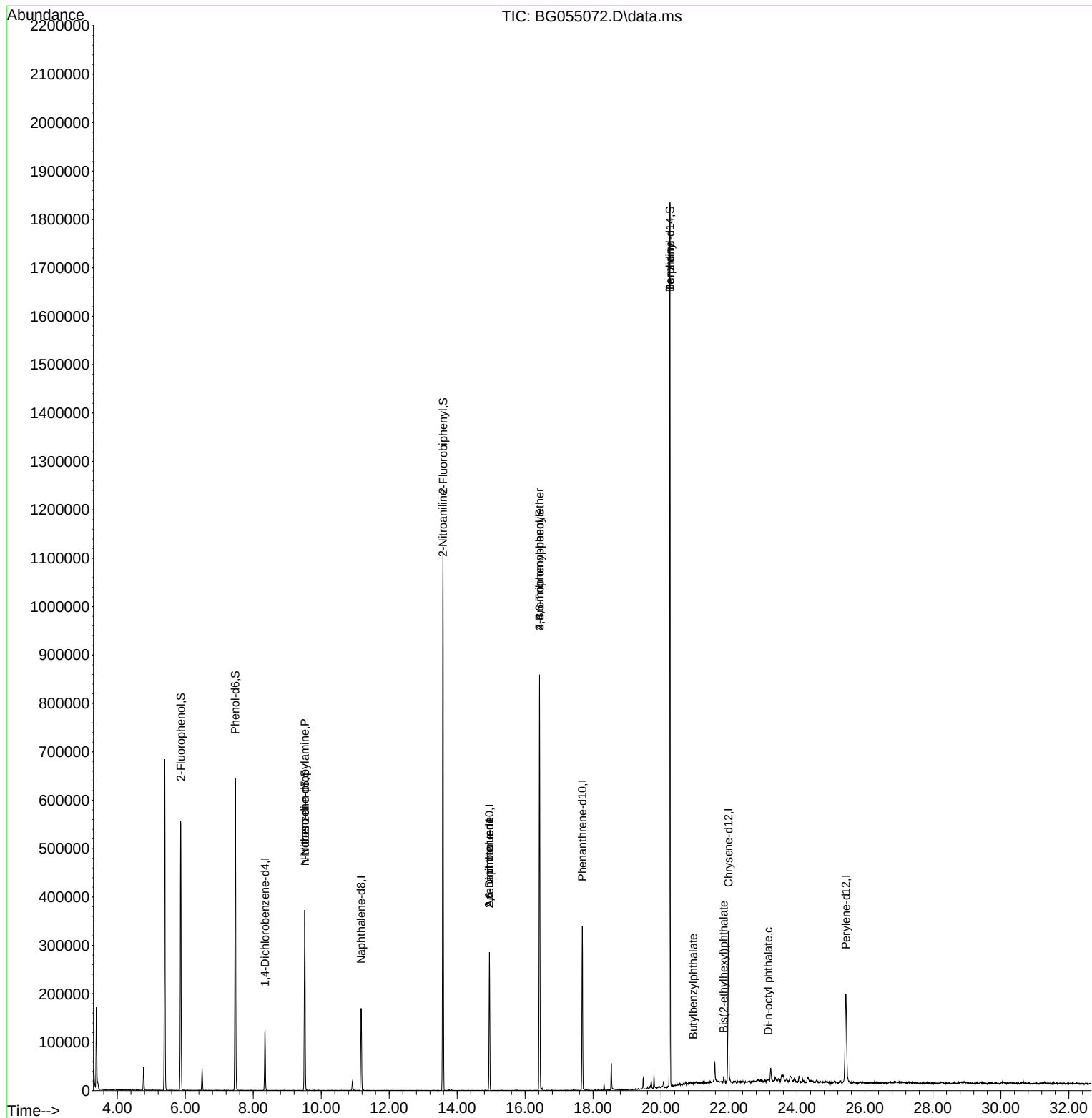
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	34736	20.000	ng	0.00
21) Naphthalene-d8	11.172	136	145873	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	101450	20.000	ng	0.00
64) Phenanthrene-d10	17.682	188	217533	20.000	ng	0.00
76) Chrysene-d12	21.977	240	204393	20.000	ng	0.00
86) Perylene-d12	25.438	264	218312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.866	112	234048	149.658	ng	0.01
7) Phenol-d6	7.470	99	336379	143.556	ng	0.00
23) Nitrobenzene-d5	9.515	82	215775	88.388	ng	0.00
42) 2,4,6-Tribromophenol	16.425	330	174993	164.247	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	561296	86.373	ng	0.00
79) Terphenyl-d14	20.261	244	903353	89.330	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.515	70	30356	13.374	ng	# 82
48) 2-Nitroaniline	13.575	65	904	4.606	ng	# 1
51) 2,6-Dinitrotoluene	14.950	165	13289	12.238	ng	# 13
57) 2,4-Dinitrotoluene	14.950	165	13289	9.988	ng	# 15
67) 4-Bromophenyl-phenylether	16.425	248	11112	4.830	ng	# 1
77) Benzidine	20.261	184	13962	3.965	ng	# 93
80) Butylbenzylphthalate	20.943	149	286	4.899	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.842	149	4363	4.728	ng	# 93
85) Di-n-octyl phthalate	23.152	149	3631	4.650	ng	# 60

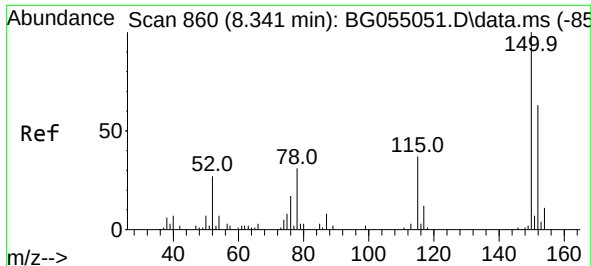
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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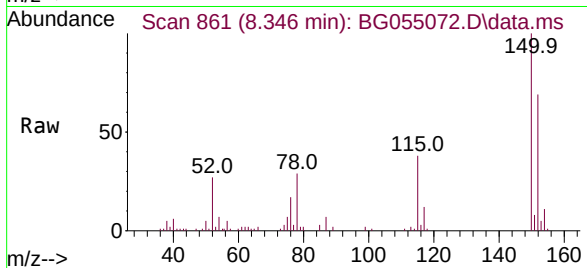
Quant Time: Oct 05 00:34:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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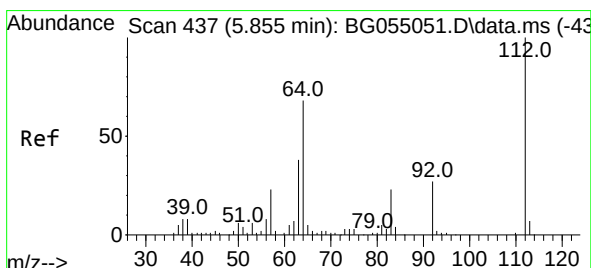
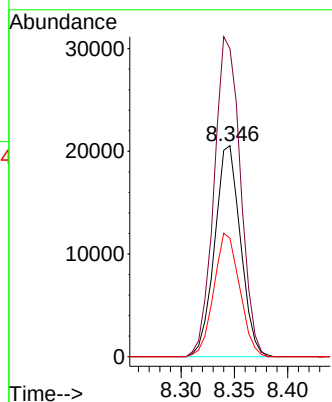
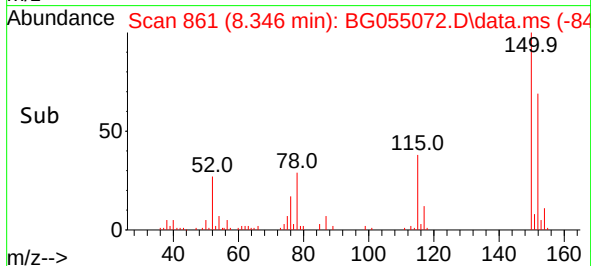


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.346 min Scan# 860
Delta R.T. 0.005 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

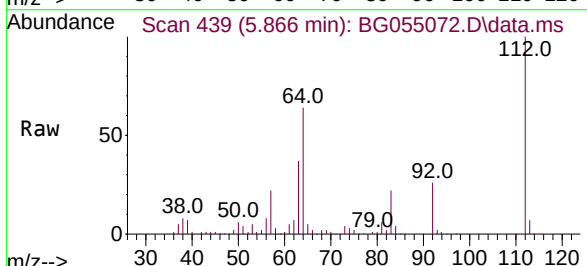
Instrument :
BNA_G
ClientSampleId :



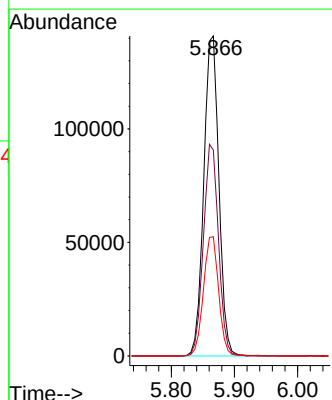
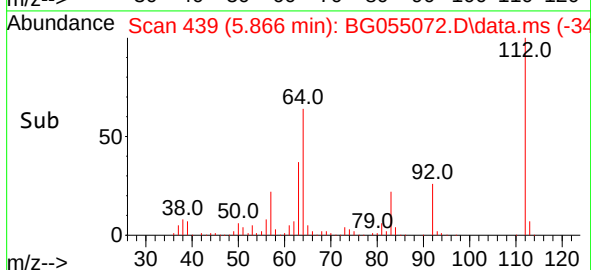
Tgt Ion:152 Resp: 34736
Ion Ratio Lower Upper
152 100
150 146.0 128.0 192.0
115 56.1 47.7 71.5

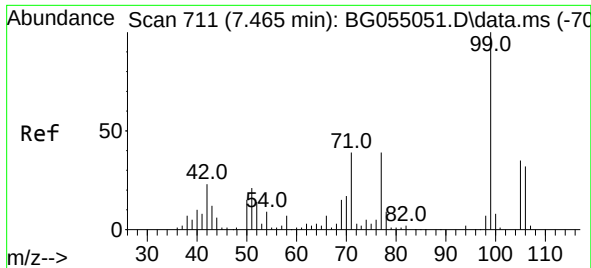


#5
2-Fluorophenol
Concen: 149.658 ng
RT: 5.866 min Scan# 439
Delta R.T. 0.011 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01



Tgt Ion:112 Resp: 234048
Ion Ratio Lower Upper
112 100
64 64.3 54.5 81.7
63 37.3 30.5 45.7

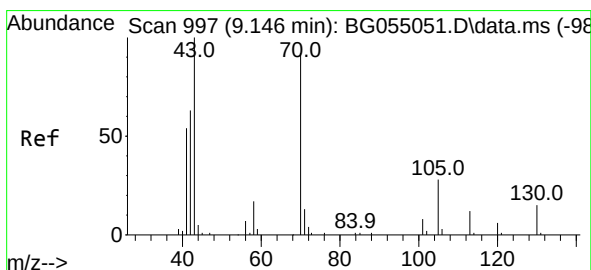
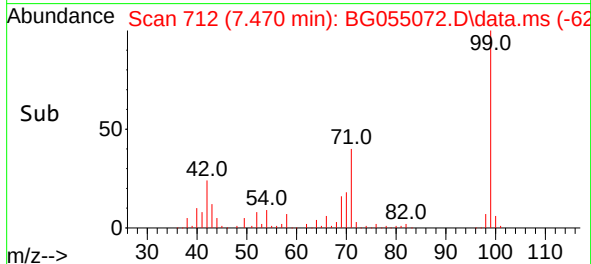
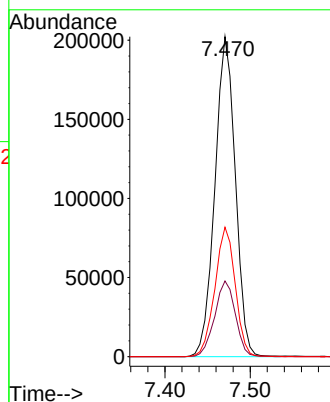
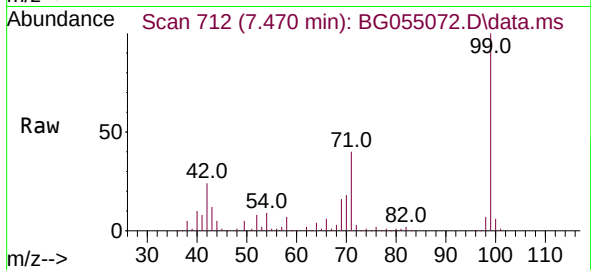




#7
Phenol-d6
Concen: 143.556 ng
RT: 7.470 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

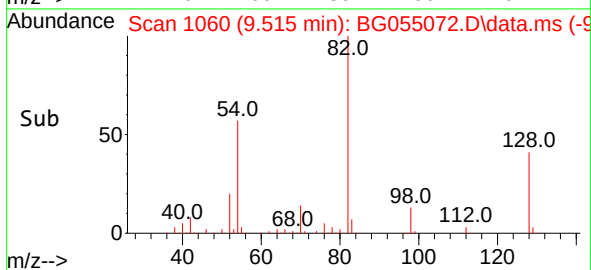
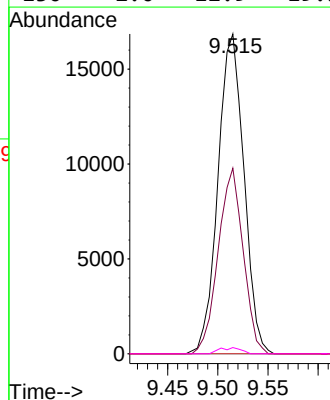
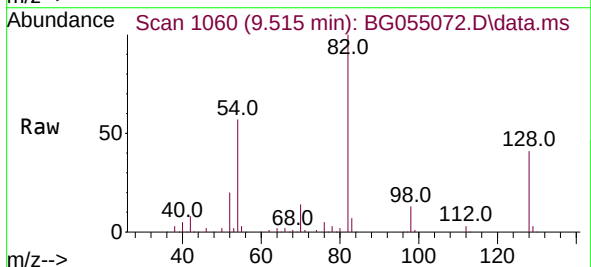
Instrument :
BNA_G
ClientSampleId :

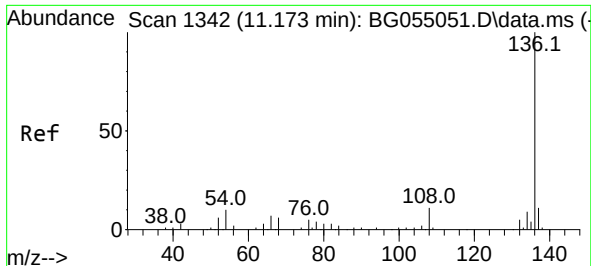
Tgt Ion: 99 Resp: 336379
Ion Ratio Lower Upper
99 100
42 23.6 18.6 28.0
71 40.4 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.374 ng
RT: 9.515 min Scan# 1060
Delta R.T. 0.369 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

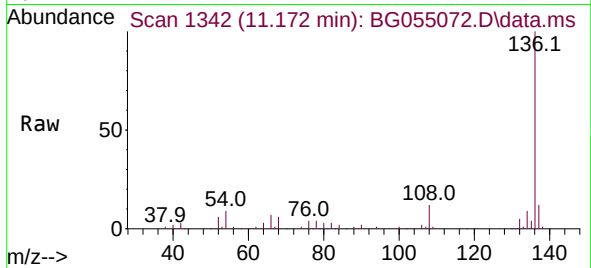
Tgt Ion: 70 Resp: 30356
Ion Ratio Lower Upper
70 100
42 58.0 55.8 83.6
101 0.0 7.1 10.7#
130 2.0 12.9 19.3#



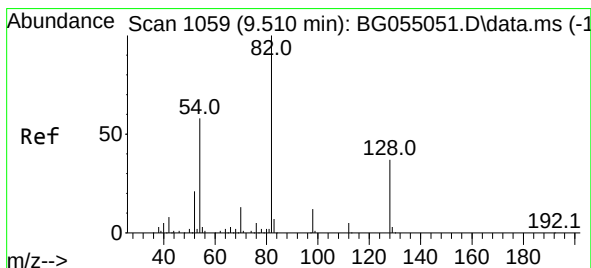
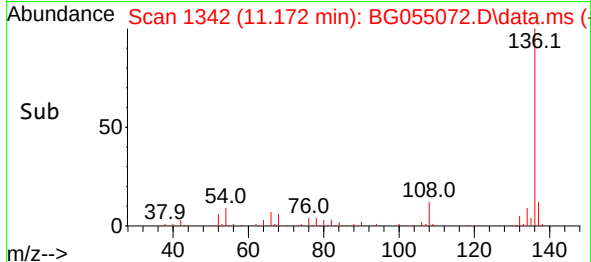
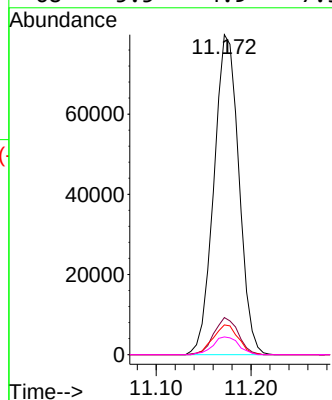


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.172 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

Instrument :
BNA_G
ClientSampleId :

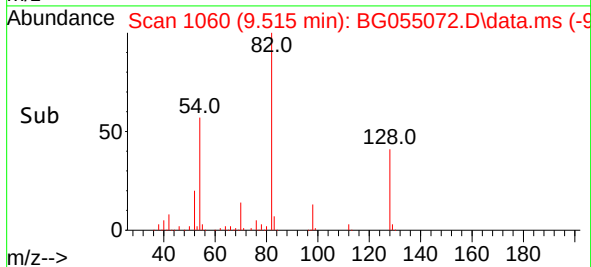
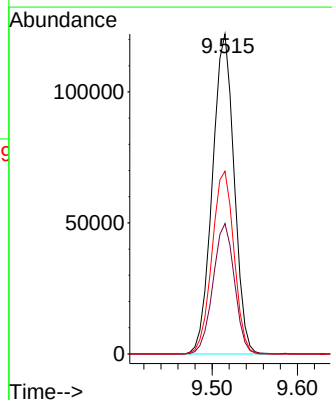
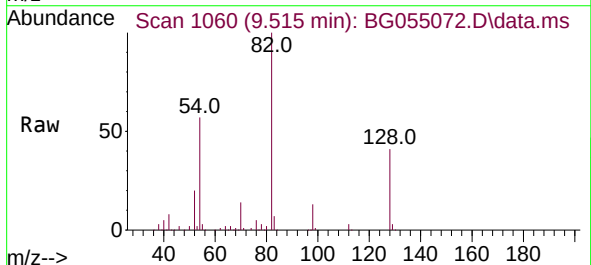


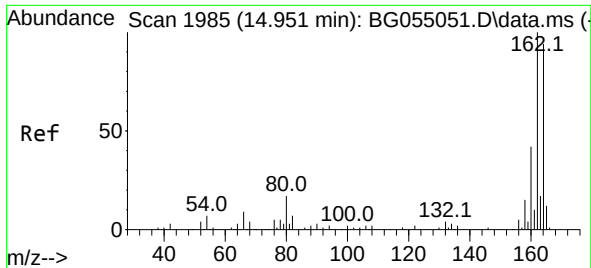
Tgt Ion:	136	Resp:	145873
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.7	13.1
54	9.3	8.2	12.4
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 88.388 ng
RT: 9.515 min Scan# 1060
Delta R.T. 0.005 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

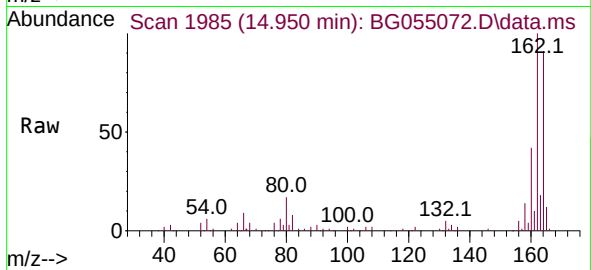
Tgt Ion:	82	Resp:	215775
Ion Ratio	Lower	Upper	
82	100		
128	40.7	29.5	44.3
54	57.1	46.7	70.1



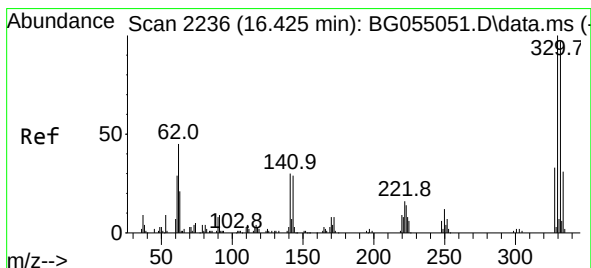
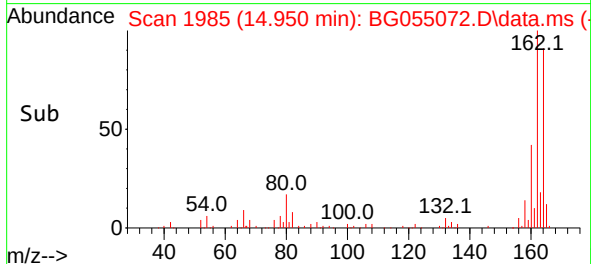
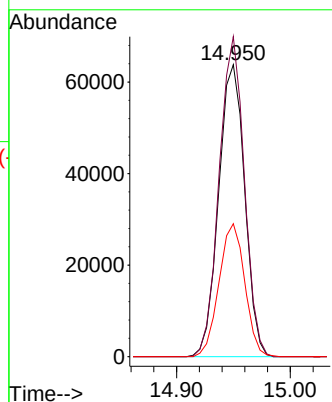


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

Instrument :
BNA_G
ClientSampleId :

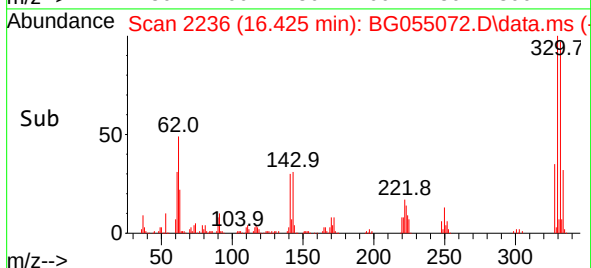
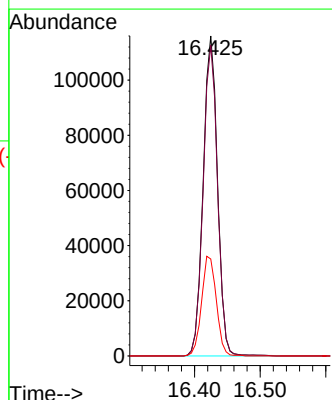
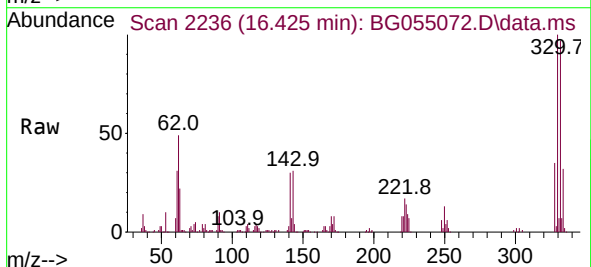


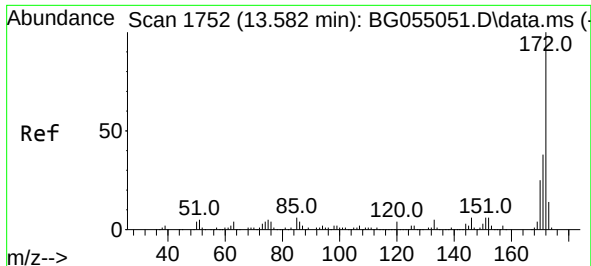
Tgt Ion:164 Resp: 101450
Ion Ratio Lower Upper
164 100
162 109.6 85.5 128.3
160 45.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 164.247 ng
RT: 16.425 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

Tgt Ion:330 Resp: 174993
Ion Ratio Lower Upper
330 100
332 97.5 77.4 116.0
141 31.9 25.0 37.4

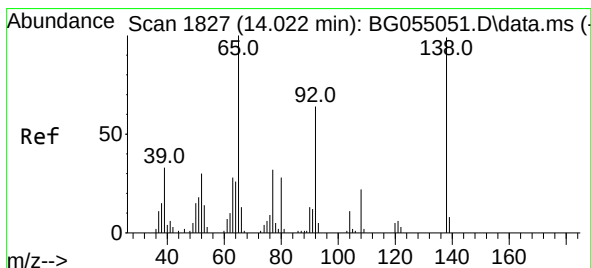
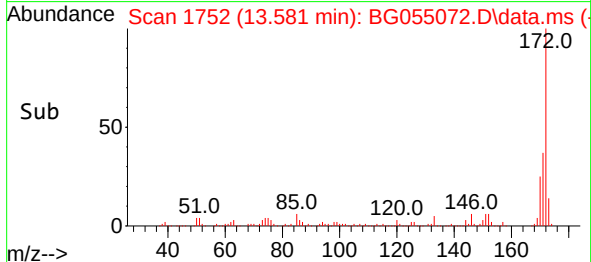
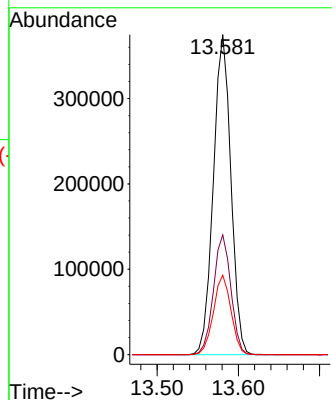
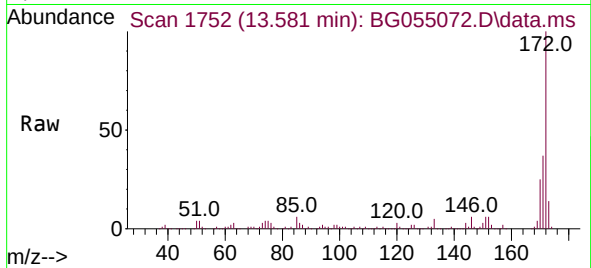




#45
2-Fluorobiphenyl
Concen: 86.373 ng
RT: 13.581 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

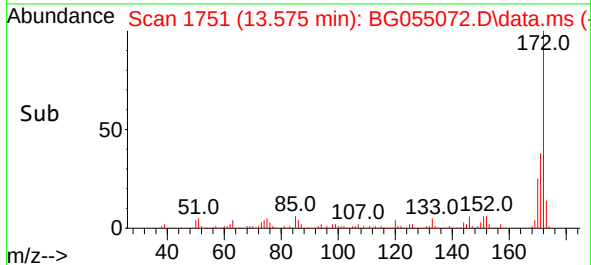
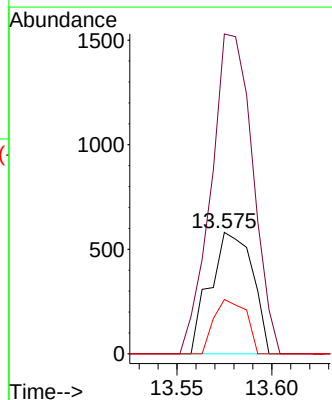
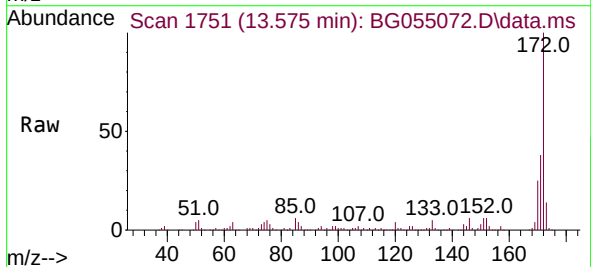
Instrument :
BNA_G
ClientSampleId :

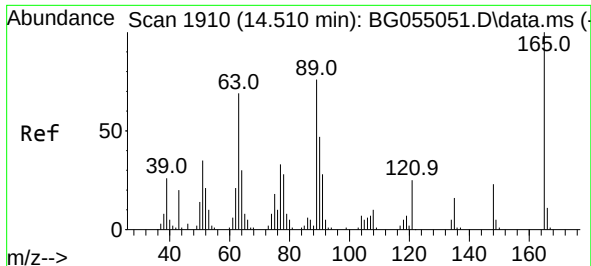
Tgt Ion:172 Resp: 561296
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 24.8 20.0 30.0



#48
2-Nitroaniline
Concen: 4.606 ng
RT: 13.575 min Scan# 1751
Delta R.T. -0.447 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

Tgt Ion: 65 Resp: 904
Ion Ratio Lower Upper
65 100
92 263.3 50.9 76.3#
138 44.8 79.5 119.3#

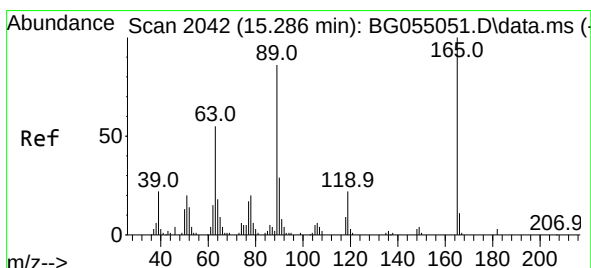
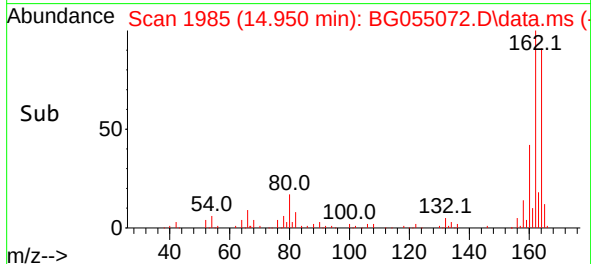
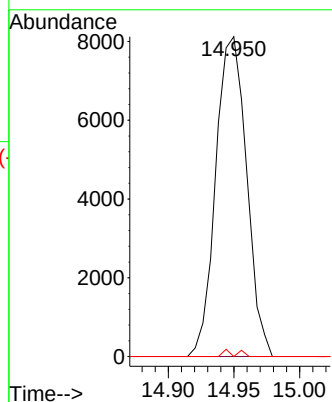
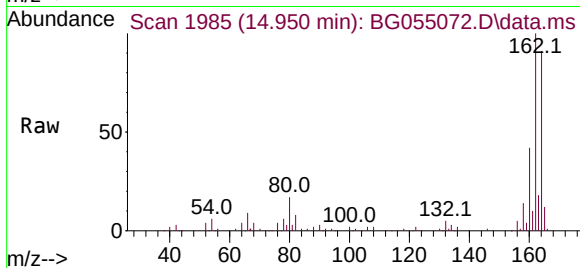




#51
2,6-Dinitrotoluene
Concen: 12.238 ng
RT: 14.950 min Scan# 1910
Delta R.T. 0.440 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

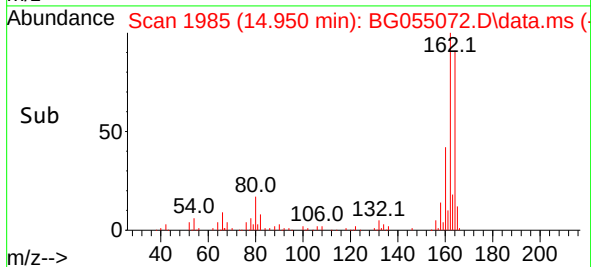
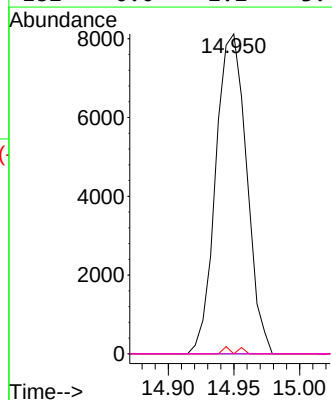
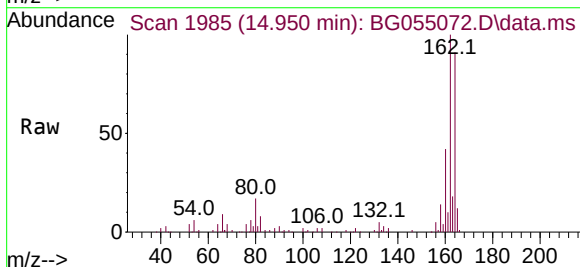
Instrument :
BNA_G
ClientSampleId :

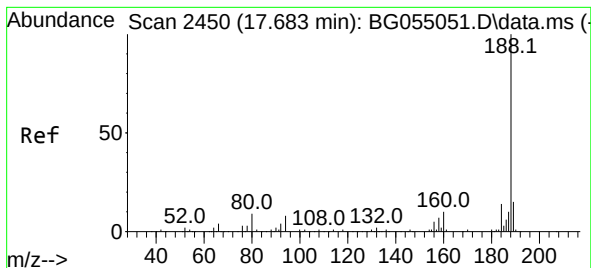
Tgt Ion:165 Resp: 13289
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.988 ng
RT: 14.950 min Scan# 1985
Delta R.T. -0.336 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

Tgt Ion:165 Resp: 13289
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: 17.682 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG055072.D

Acq: 4 Oct 2022 21:01

Instrument :

BNA_G

ClientSampleId :

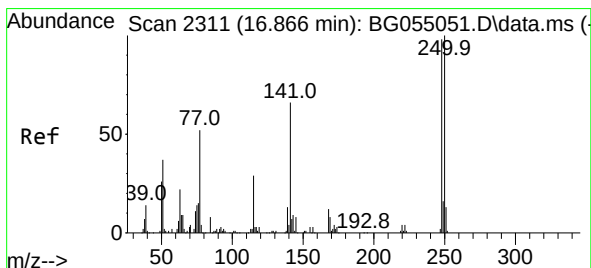
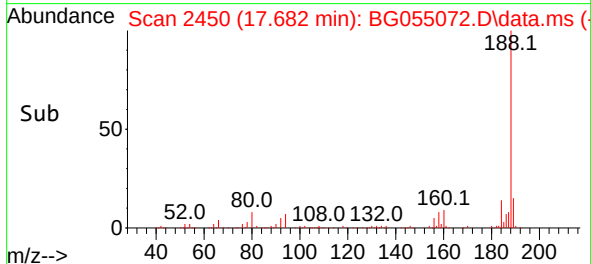
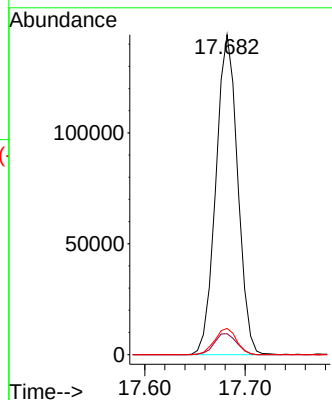
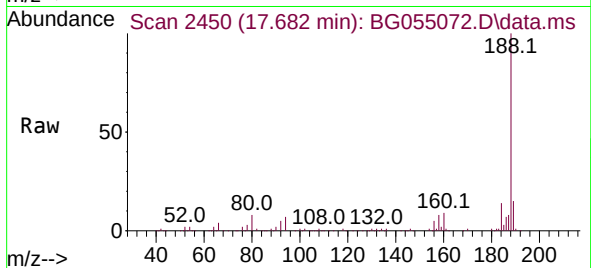
Tgt Ion:188 Resp: 217533

Ion Ratio Lower Upper

188 100

94 6.5 6.2 9.2

80 8.2 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.830 ng

RT: 16.425 min Scan# 2236

Delta R.T. -0.441 min

Lab File: BG055072.D

Acq: 4 Oct 2022 21:01

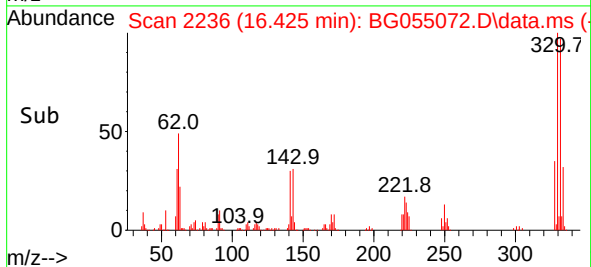
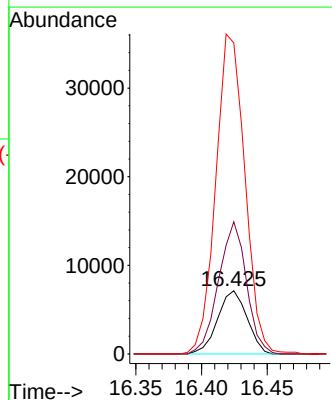
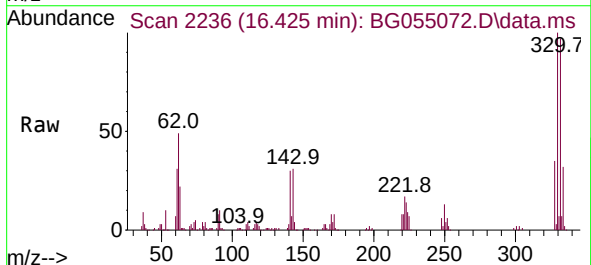
Tgt Ion:248 Resp: 11112

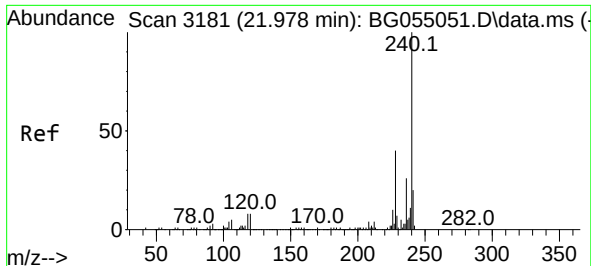
Ion Ratio Lower Upper

248 100

250 209.0 81.7 122.5#

141 492.2 53.7 80.5#

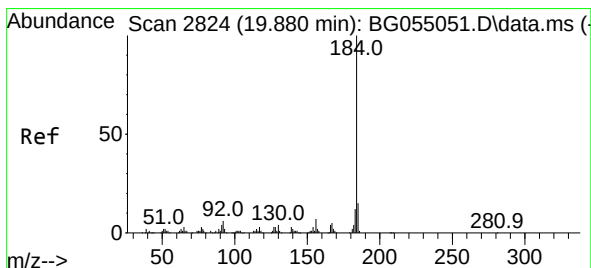
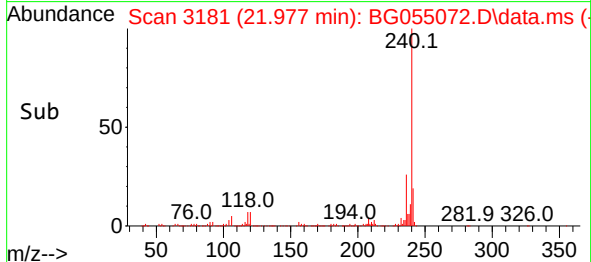
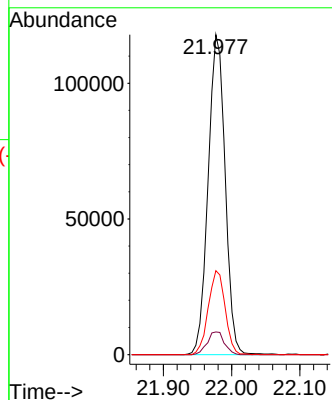
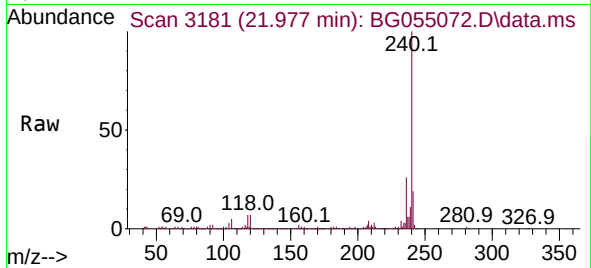




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.977 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

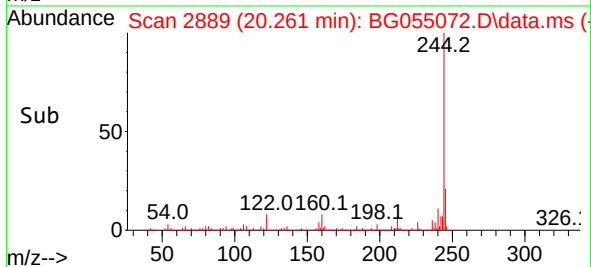
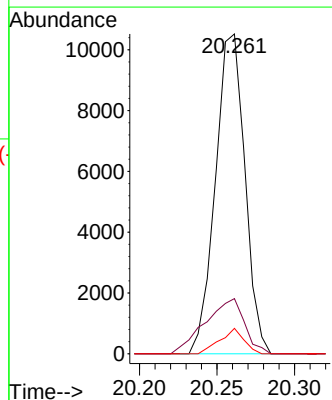
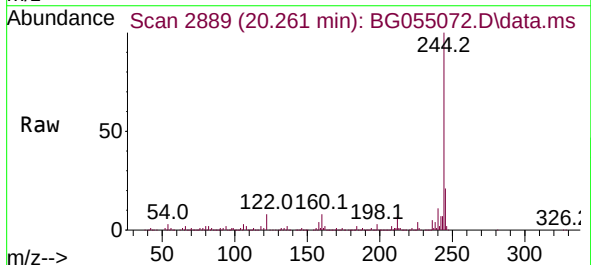
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BNA_G
ClientSampleId :

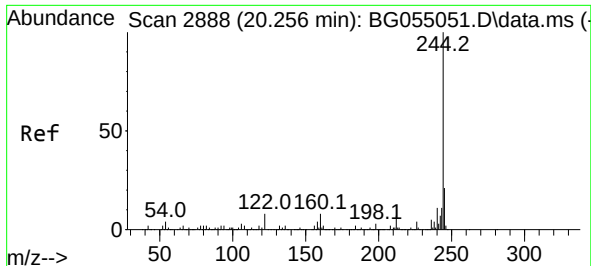
Tgt Ion:240 Resp: 204393
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.4
236 26.2 20.6 30.8



#77
Benzidine
Concen: 3.965 ng
RT: 20.261 min Scan# 2889
Delta R.T. 0.381 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

Tgt Ion:184 Resp: 13962
Ion Ratio Lower Upper
184 100
185 17.3 12.2 18.4
183 8.0 9.4 14.0#

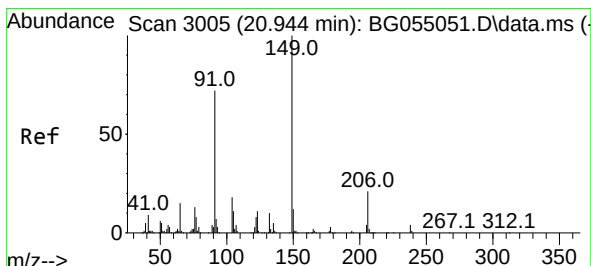
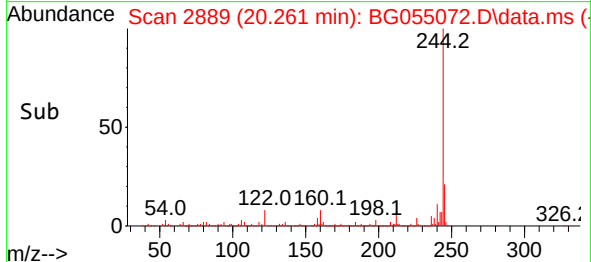
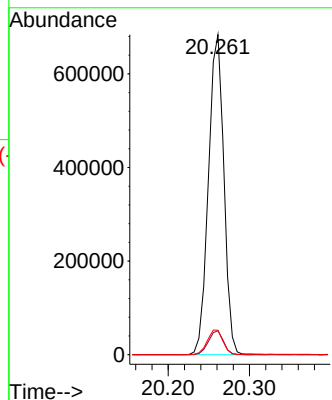
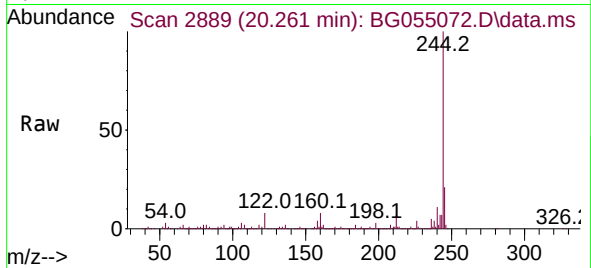




#79
 Terphenyl-d14
 Concen: 89.330 ng
 RT: 20.261 min Scan# 2888
 Delta R.T. 0.005 min
 Lab File: BG055072.D
 Acq: 4 Oct 2022 21:01

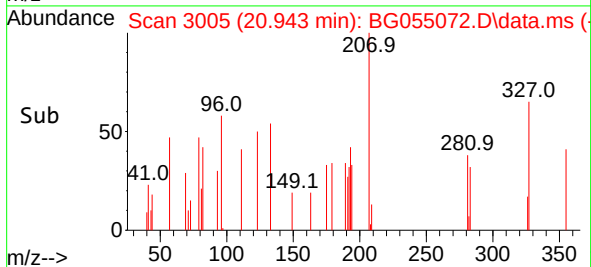
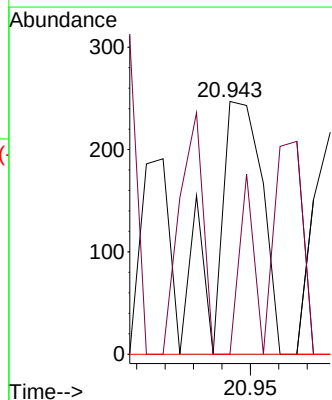
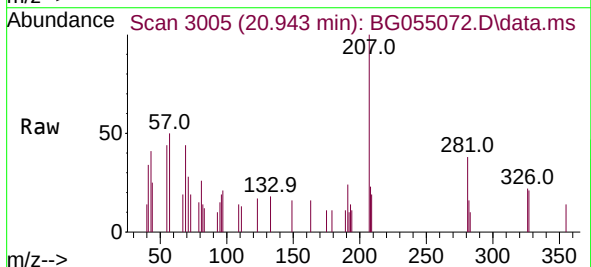
Instrument :
 BNA_G
 ClientSampleId :

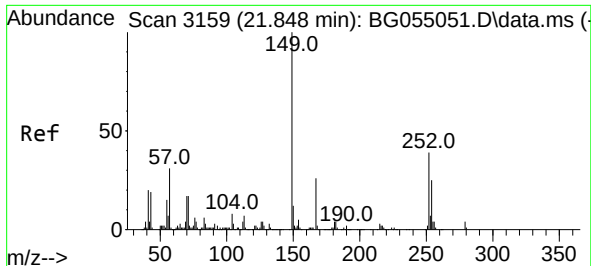
Tgt Ion:244 Resp: 903353
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 7.6 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.899 ng
 RT: 20.943 min Scan# 3005
 Delta R.T. -0.001 min
 Lab File: BG055072.D
 Acq: 4 Oct 2022 21:01

Tgt Ion:149 Resp: 286
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

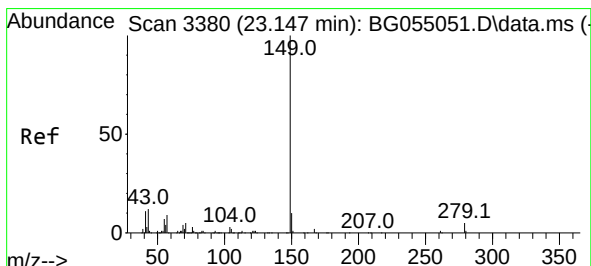
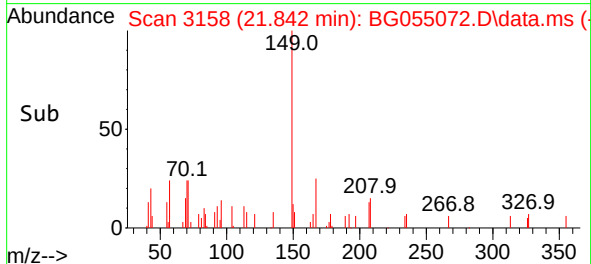
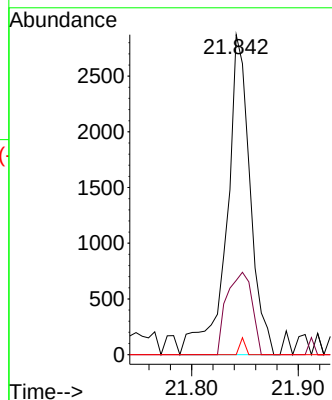
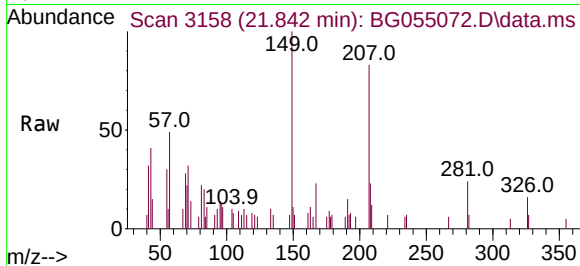




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.728 ng
RT: 21.842 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

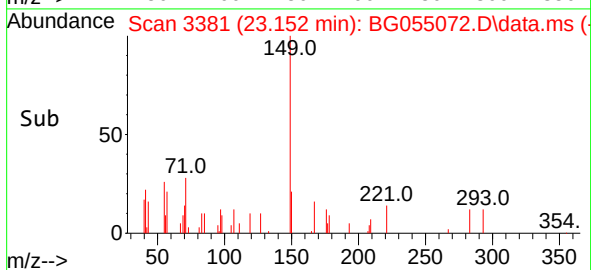
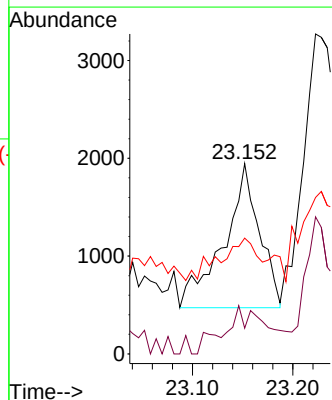
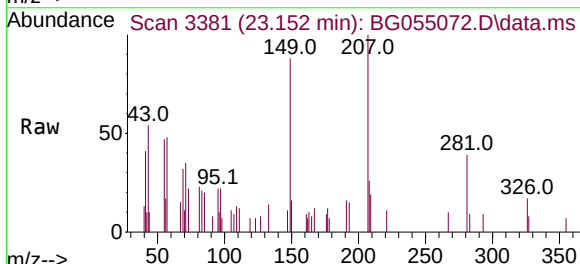
Instrument :
BNA_G
ClientSampleId :

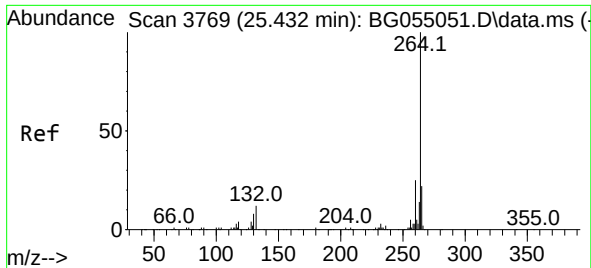
Tgt Ion:149 Resp: 4363
Ion Ratio Lower Upper
149 100
167 23.2 21.0 31.4
279 0.0 3.4 5.2#



#85
Di-n-octyl phthalate
Concen: 4.650 ng
RT: 23.152 min Scan# 3381
Delta R.T. 0.005 min
Lab File: BG055072.D
Acq: 4 Oct 2022 21:01

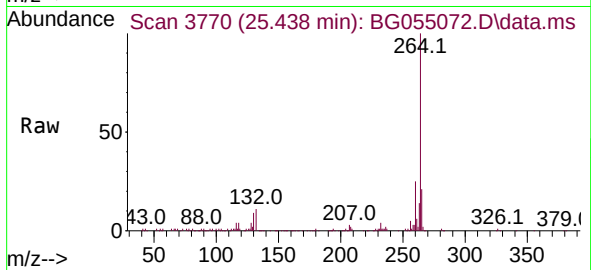
Tgt Ion:149 Resp: 3631
Ion Ratio Lower Upper
149 100
167 5.7 1.3 1.9#
43 30.2 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.438 min Scan# 31
 Delta R.T. 0.005 min
 Lab File: BG055072.D
 Acq: 4 Oct 2022 21:01

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 218312

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.3	17.8	26.6

