

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101222\
 Data File : BG055138.D
 Acq On : 12 Oct 2022 11:51
 Operator : CG/JU
 Sample : PB148276BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148276BL

Quant Time: Oct 13 04:48:56 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)

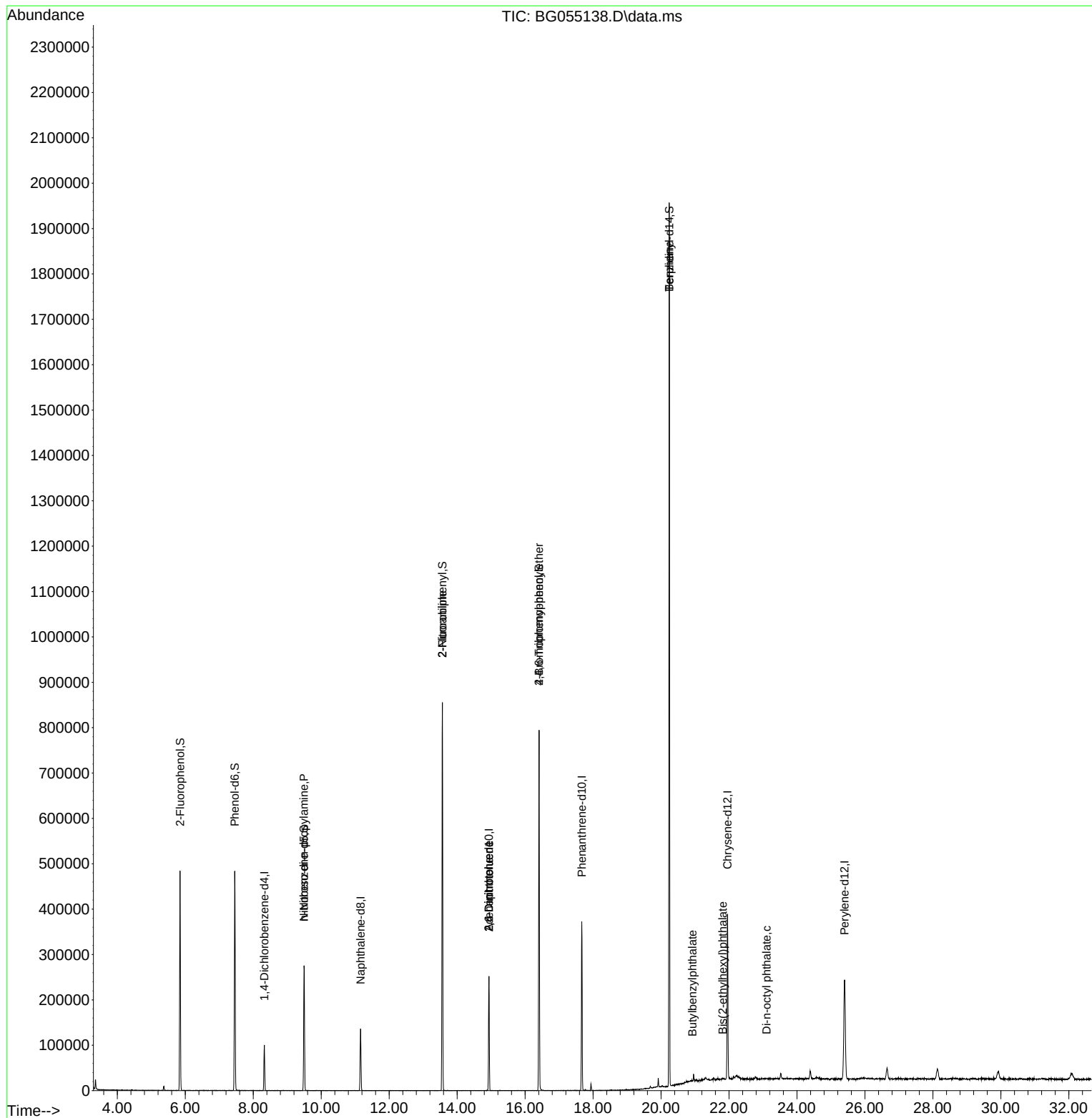
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	28841	20.000	ng	-0.01
21) Naphthalene-d8	11.158	136	119636	20.000	ng	-0.01
39) Acenaphthene-d10	14.936	164	92750	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	244234	20.000	ng	0.00
76) Chrysene-d12	21.957	240	237180	20.000	ng	-0.01
86) Perylene-d12	25.400	264	247284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.846	112	200354	154.299	ng	0.00
7) Phenol-d6	7.456	99	265414	136.422	ng	0.00
23) Nitrobenzene-d5	9.495	82	164108	81.966	ng	-0.01
42) 2,4,6-Tribromophenol	16.410	330	165778	169.965	ng	0.00
45) 2-Fluorobiphenyl	13.567	172	448591	75.505	ng	0.00
79) Terphenyl-d14	20.241	244	960946	81.889	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.495	70	23276	12.351	ng	# 73
48) 2-Nitroaniline	13.567	65	685	4.516	ng	# 1
51) 2,6-Dinitrotoluene	14.936	165	12108	12.208	ng	# 13
57) 2,4-Dinitrotoluene	14.936	165	12108	9.966	ng	# 15
67) 4-Bromophenyl-phenylether	16.410	248	10377	4.017	ng	# 1
77) Benzidine	20.241	184	14282	3.495	ng	# 90
80) Butylbenzylphthalate	20.923	149	695	4.965	ng	# 83
84) Bis(2-ethylhexyl)phtha...	21.816	149	858	4.207	ng	# 96
85) Di-n-octyl phthalate	23.103	149	1225	4.431	ng	# 82

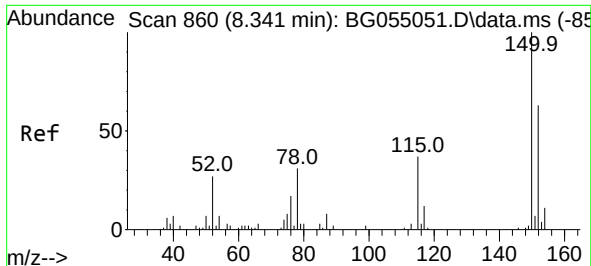
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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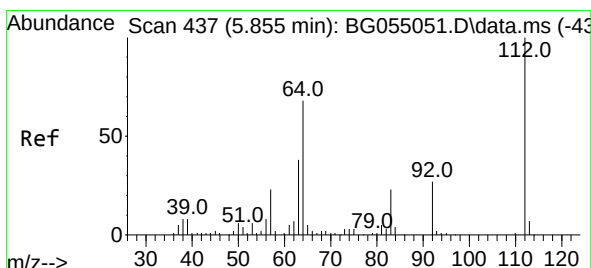
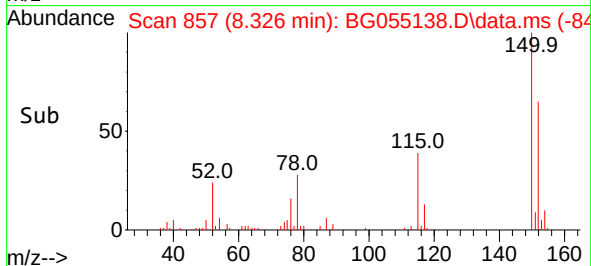
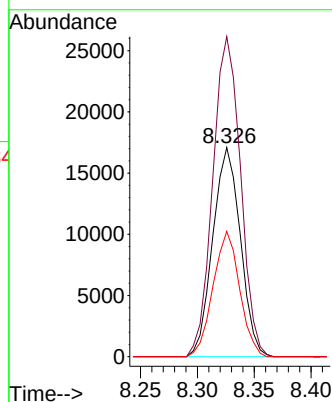
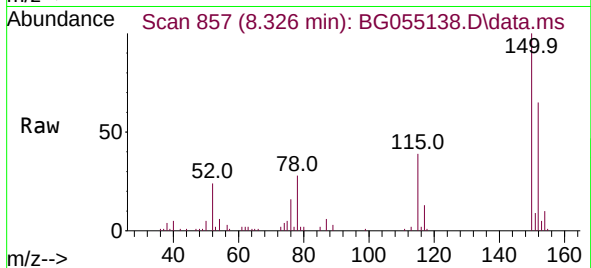




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.326 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

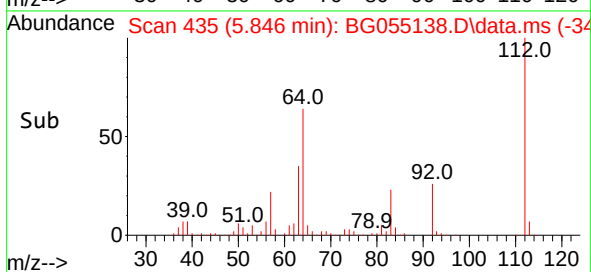
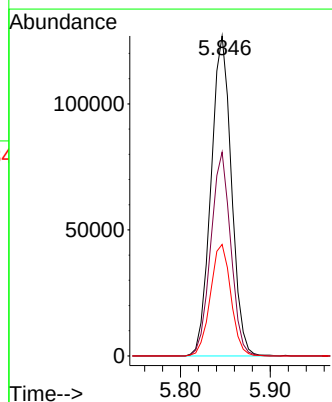
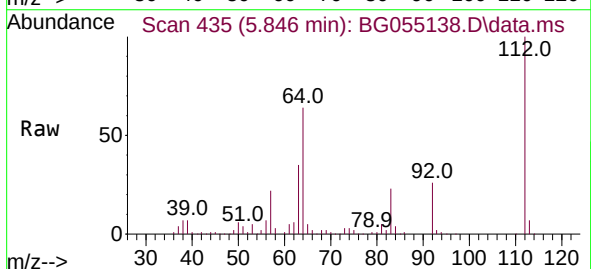
Instrument :
BNA_G
ClientSampleId :
PB148276BL

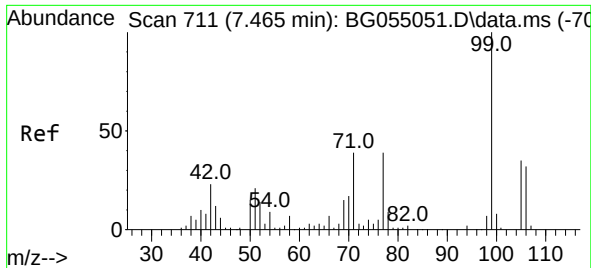
Tgt Ion:152 Resp: 28841
Ion Ratio Lower Upper
152 100
150 153.1 128.0 192.0
115 59.9 47.7 71.5



#5
2-Fluorophenol
Concen: 154.299 ng
RT: 5.846 min Scan# 435
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion:112 Resp: 200354
Ion Ratio Lower Upper
112 100
64 63.7 54.5 81.7
63 34.8 30.5 45.7

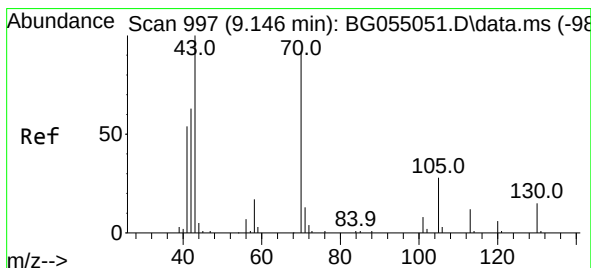
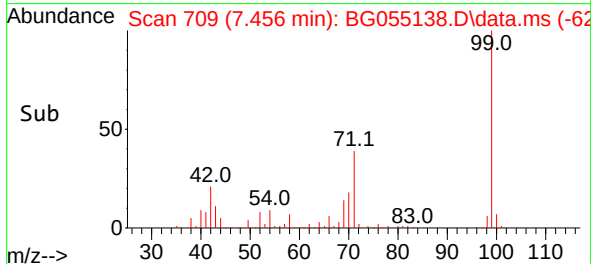
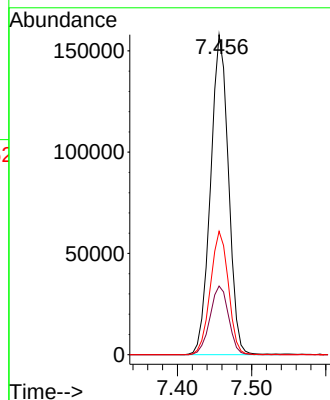
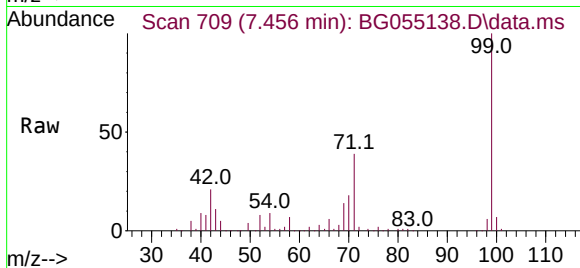




#7
Phenol-d6
Concen: 136.422 ng
RT: 7.456 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

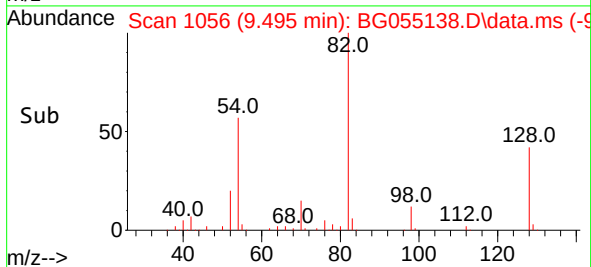
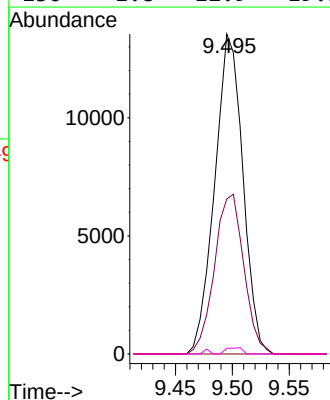
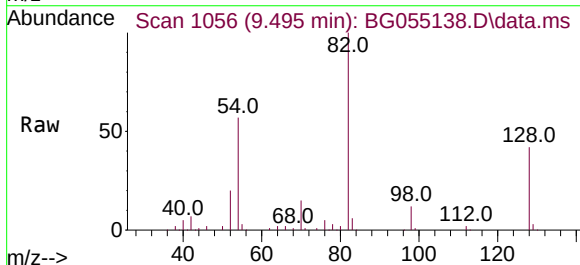
Instrument :
BNA_G
ClientSampleId :
PB148276BL

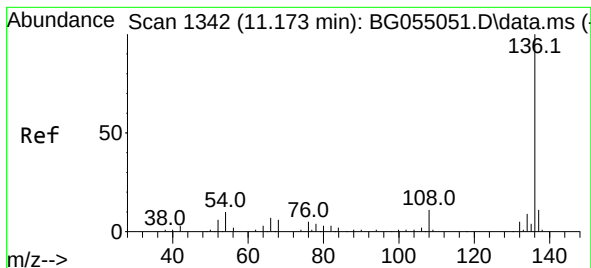
Tgt Ion: 99 Resp: 265414
Ion Ratio Lower Upper
99 100
42 21.4 18.6 28.0
71 38.5 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.351 ng
RT: 9.495 min Scan# 1056
Delta R.T. 0.358 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion: 70 Resp: 23276
Ion Ratio Lower Upper
70 100
42 48.4 55.8 83.6#
101 0.0 7.1 10.7#
130 1.8 12.9 19.3#

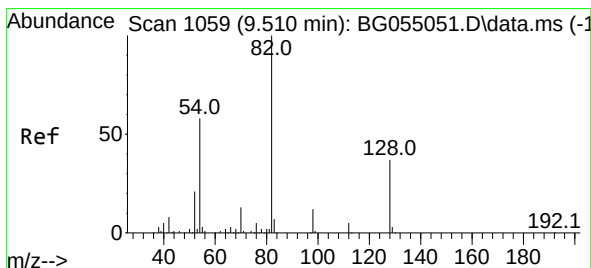
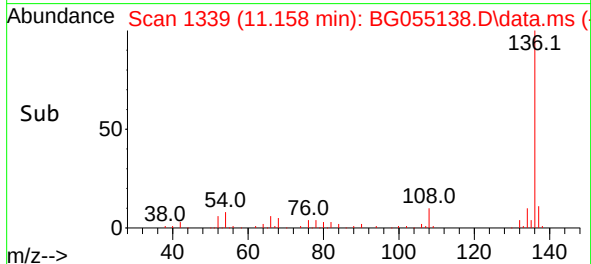
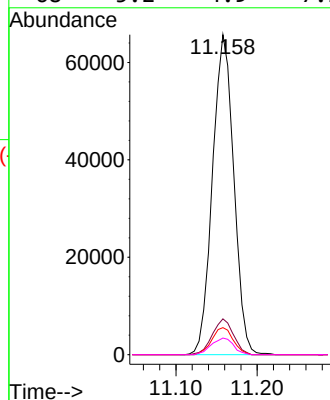
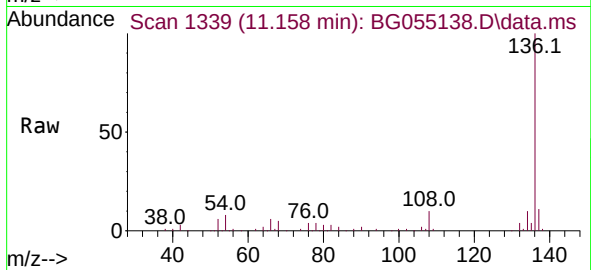




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.158 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

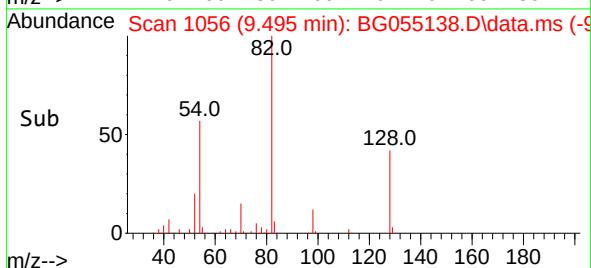
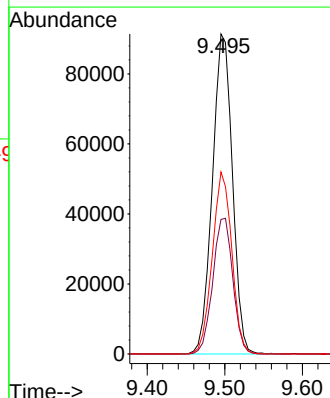
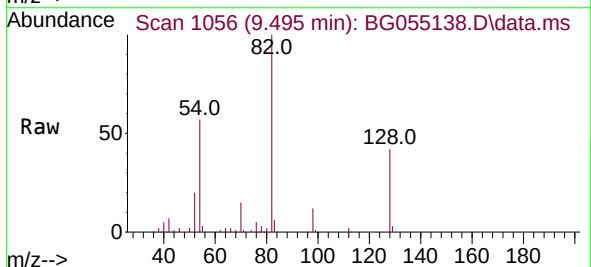
Instrument :
BNA_G
ClientSampleId :
PB148276BL

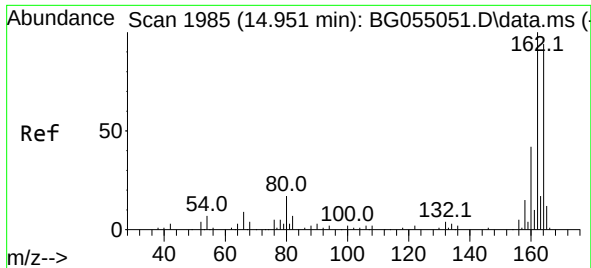
Tgt Ion:	136	Resp:	119636
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.5	8.2	12.4
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 81.966 ng
RT: 9.495 min Scan# 1056
Delta R.T. -0.012 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion:	82	Resp:	164108
Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.5	44.3
54	56.8	46.7	70.1

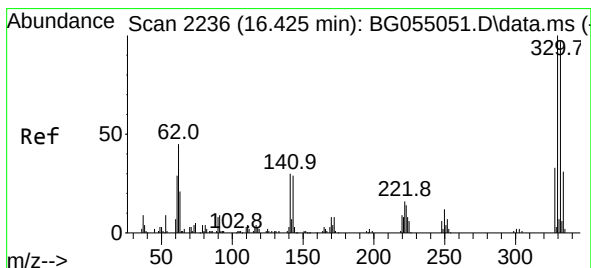
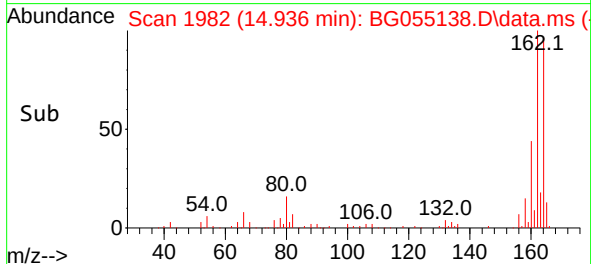
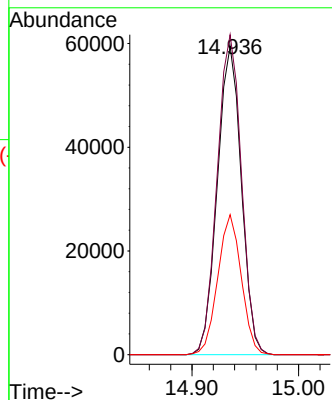
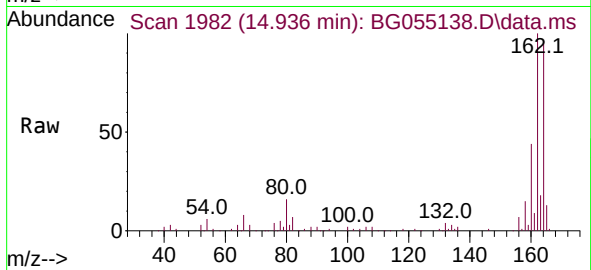




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.936 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

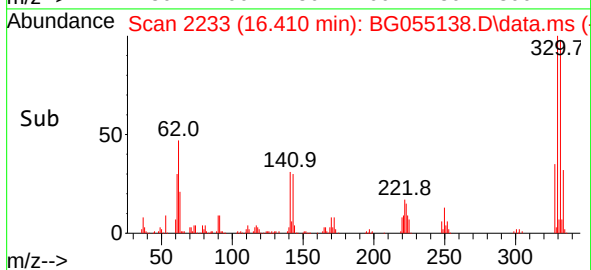
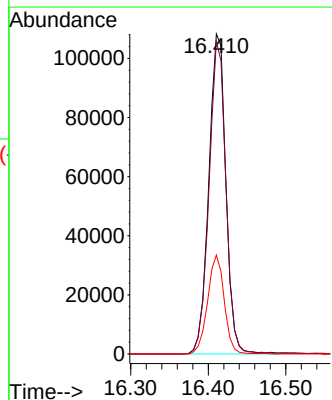
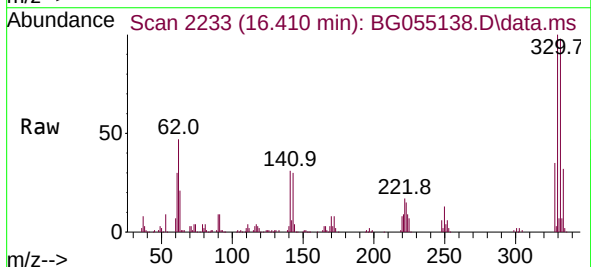
Instrument :
BNA_G
ClientSampleId :
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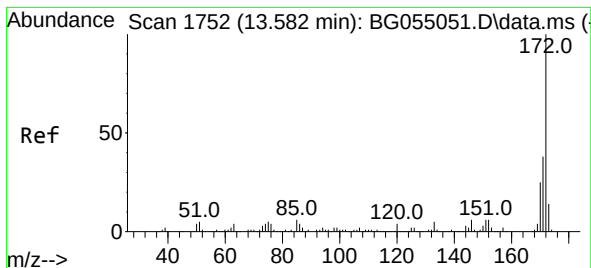
Tgt Ion:164 Resp: 92750
Ion Ratio Lower Upper
164 100
162 103.7 85.5 128.3
160 45.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 169.965 ng
RT: 16.410 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion:330 Resp: 165778
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 30.1 25.0 37.4

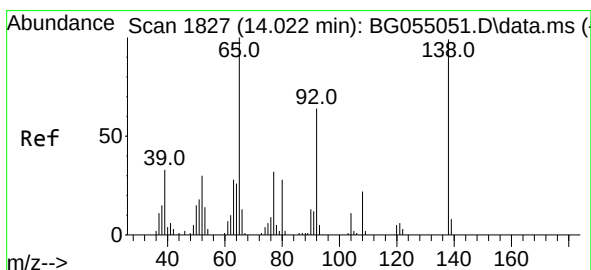
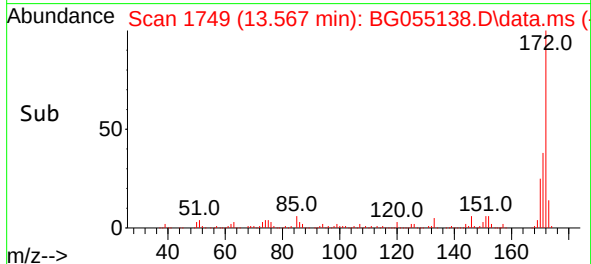
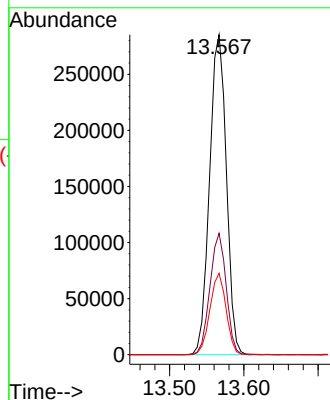
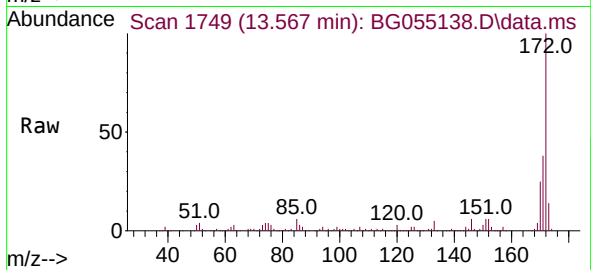




#45
2-Fluorobiphenyl
Concen: 75.505 ng
RT: 13.567 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

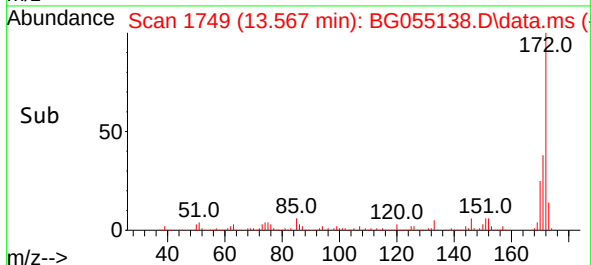
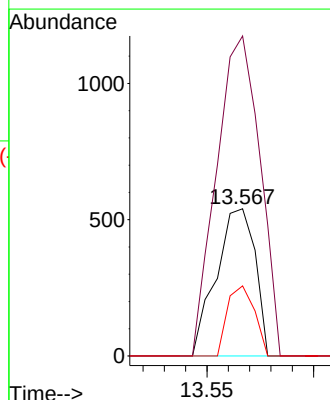
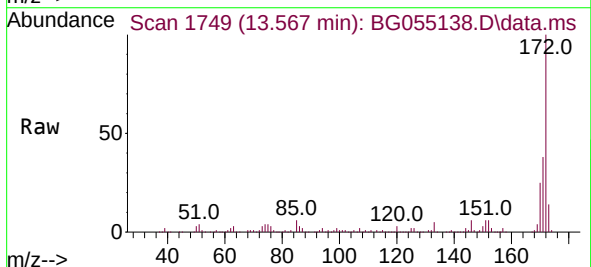
Instrument :
BNA_G
ClientSampleId :
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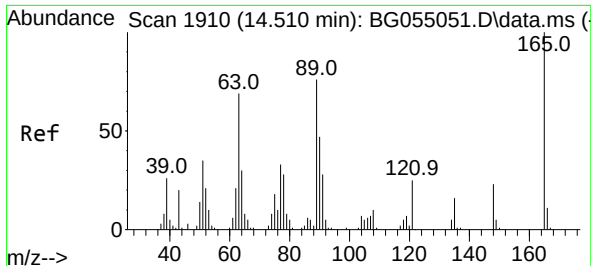
Tgt Ion:172 Resp: 448591
Ion Ratio Lower Upper
172 100
171 37.9 30.1 45.1
170 25.4 20.0 30.0



#48
2-Nitroaniline
Concen: 4.516 ng
RT: 13.567 min Scan# 1749
Delta R.T. -0.453 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion: 65 Resp: 685
Ion Ratio Lower Upper
65 100
92 217.4 50.9 76.3#
138 47.6 79.5 119.3#

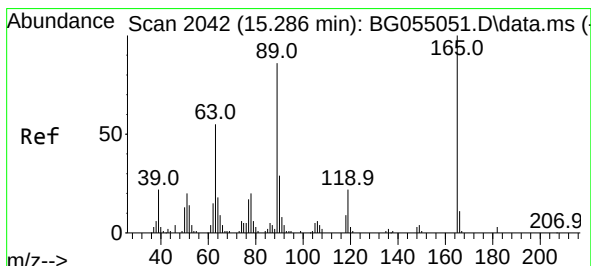
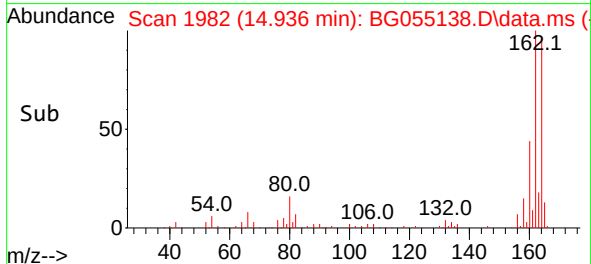
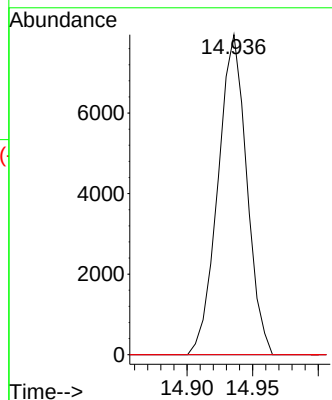
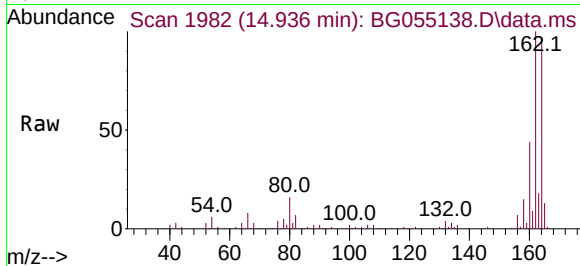




#51
2,6-Dinitrotoluene
Concen: 12.208 ng
RT: 14.936 min Scan# 1910
Delta R.T. 0.429 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

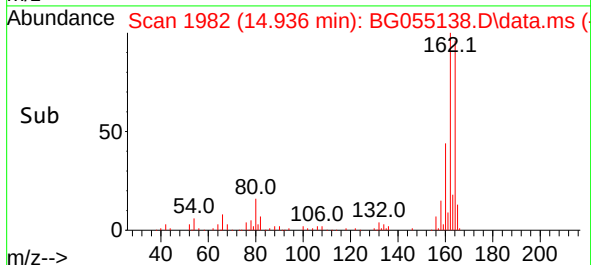
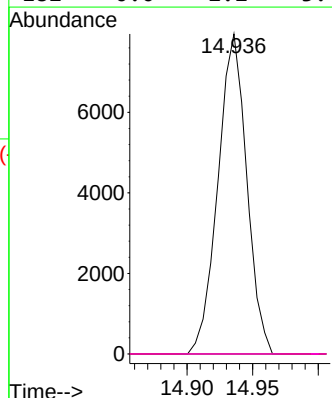
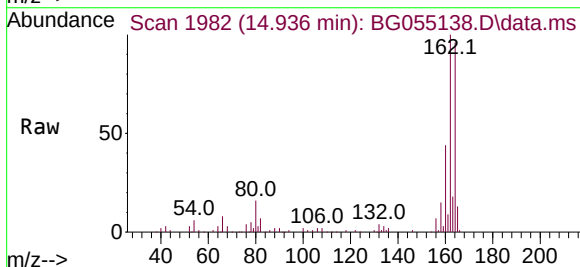
Instrument :
BNA_G
ClientSampleId :
PB148276BL

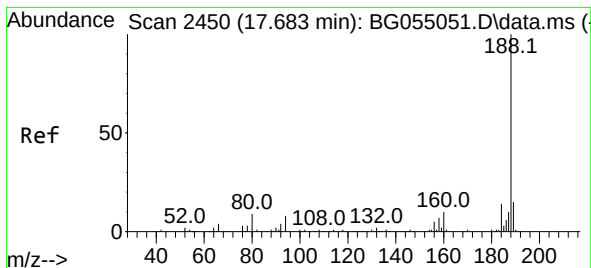
Tgt Ion:165 Resp: 12108
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.966 ng
RT: 14.936 min Scan# 1982
Delta R.T. -0.347 min
Lab File: BG055138.D
Acq: 12 Oct 2022 11:51

Tgt Ion:165 Resp: 12108
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: 17.668 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

Instrument :

BNA_G

ClientSampleId :

PB148276BL

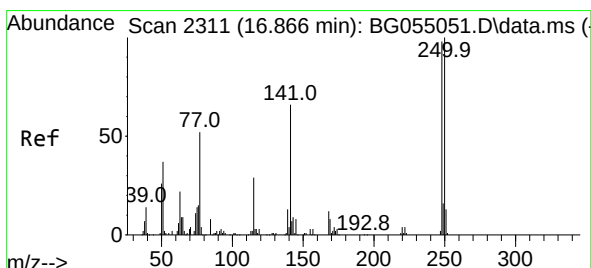
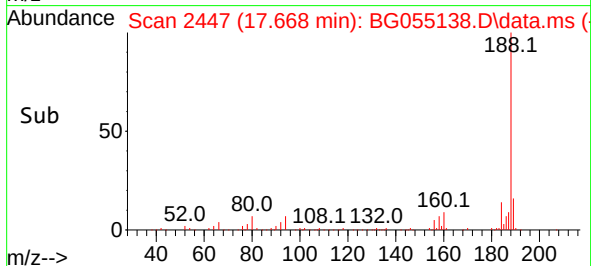
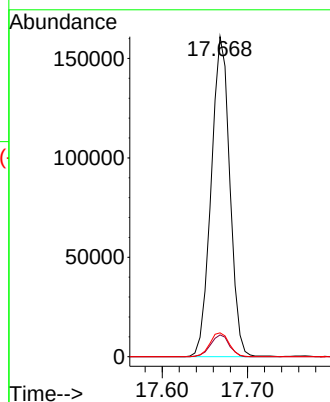
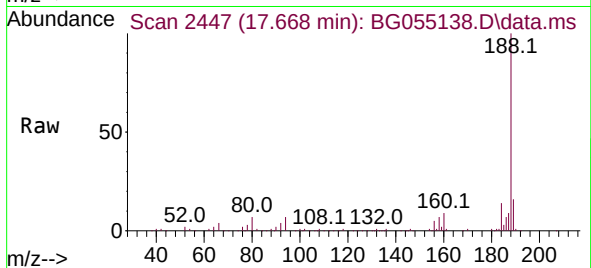
Tgt Ion:188 Resp: 244234

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 7.4 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.017 ng

RT: 16.410 min Scan# 2233

Delta R.T. -0.447 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

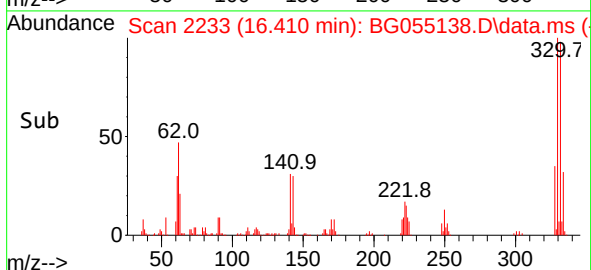
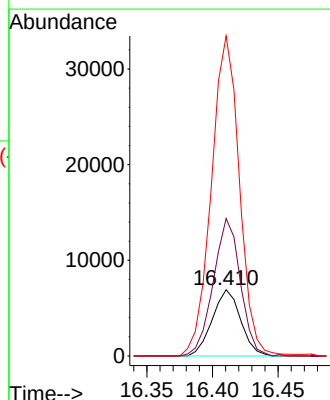
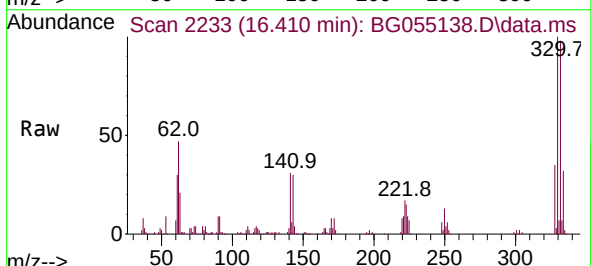
Tgt Ion:248 Resp: 10377

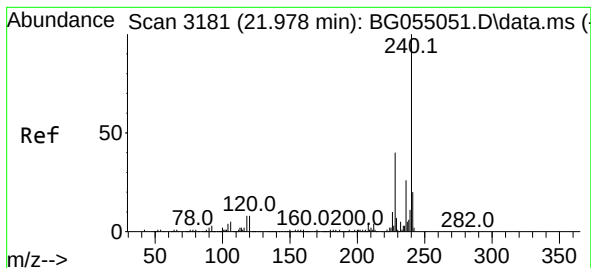
Ion Ratio Lower Upper

248 100

250 207.8 81.7 122.5#

141 483.6 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.957 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

Instrument :

BNA_G

ClientSampleId :

PB148276BL

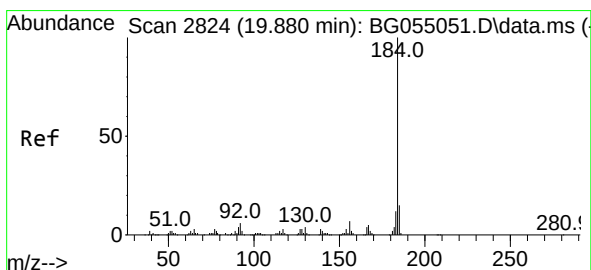
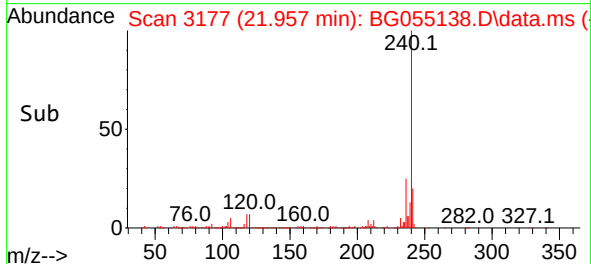
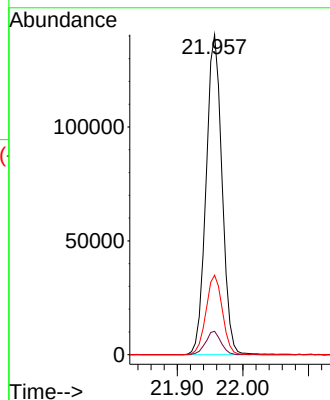
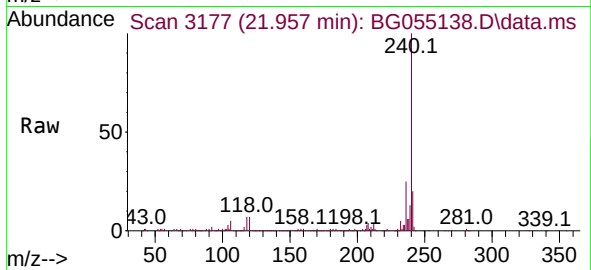
Tgt Ion:240 Resp: 237180

Ion Ratio Lower Upper

240 100

120 7.3 6.2 9.4

236 24.8 20.6 30.8



#77

Benzidine

Concen: 3.495 ng

RT: 20.241 min Scan# 2885

Delta R.T. 0.370 min

Lab File: BG055138.D

Acq: 12 Oct 2022 11:51

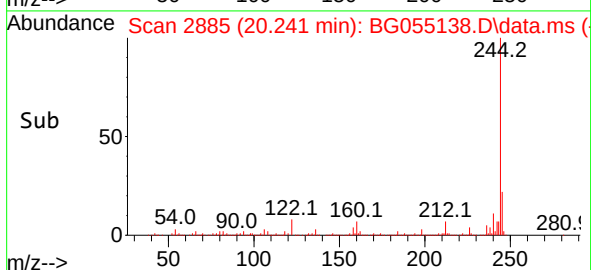
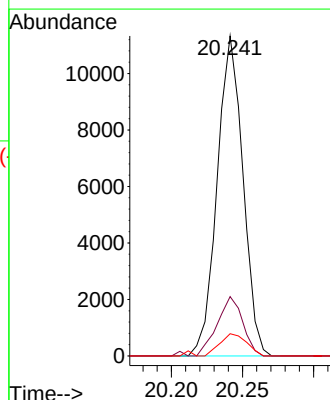
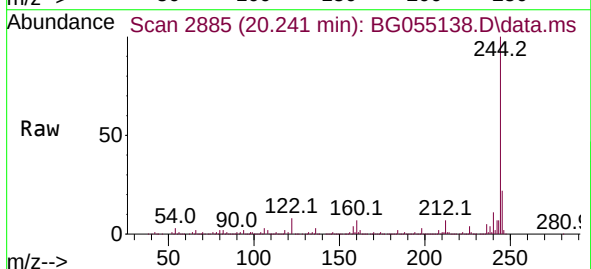
Tgt Ion:184 Resp: 14282

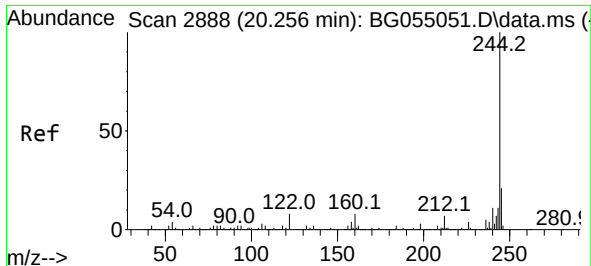
Ion Ratio Lower Upper

184 100

185 18.6 12.2 18.4#

183 7.0 9.4 14.0#

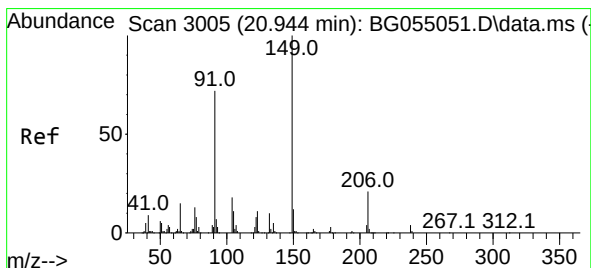
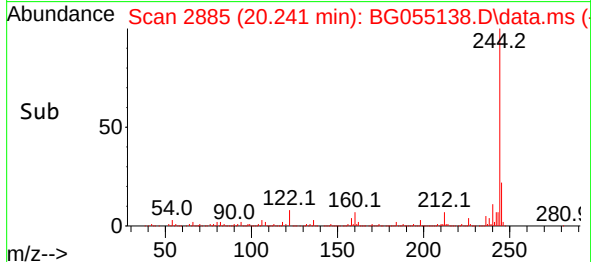
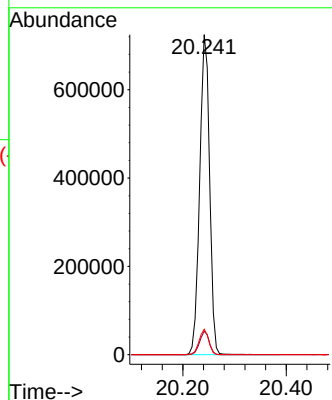
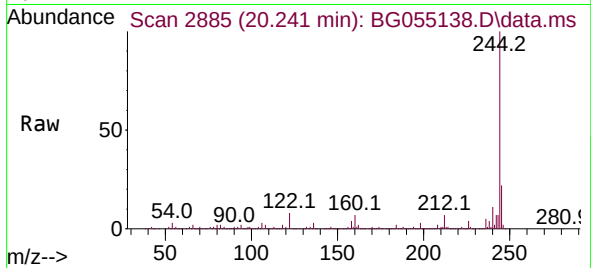




#79
 Terphenyl-d14
 Concen: 81.889 ng
 RT: 20.241 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG055138.D
 Acq: 12 Oct 2022 11:51

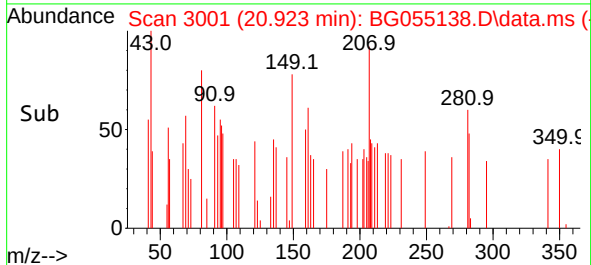
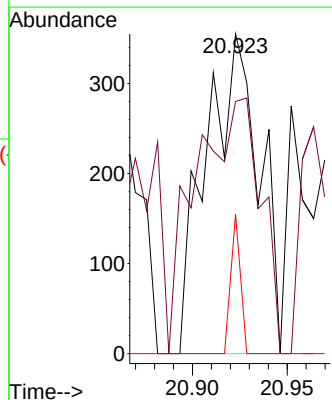
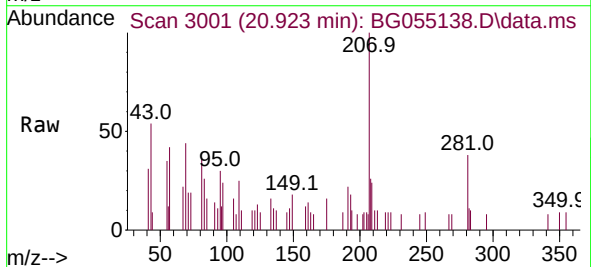
Instrument :
 BNA_G
 ClientSampleId :
 PB148276BL

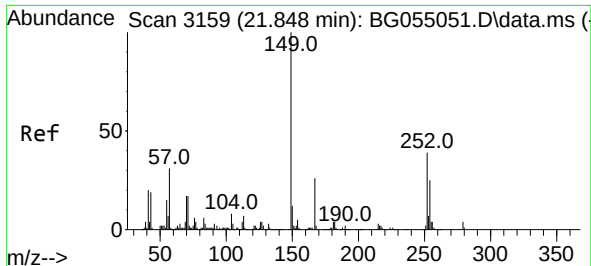
Tgt Ion:244 Resp: 960946
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 8.0 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.965 ng
 RT: 20.923 min Scan# 3001
 Delta R.T. -0.012 min
 Lab File: BG055138.D
 Acq: 12 Oct 2022 11:51

Tgt Ion:149 Resp: 695
 Ion Ratio Lower Upper
 149 100
 91 78.9 57.8 86.8
 206 43.7 16.9 25.3#

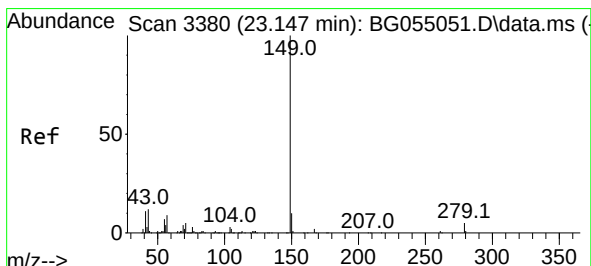
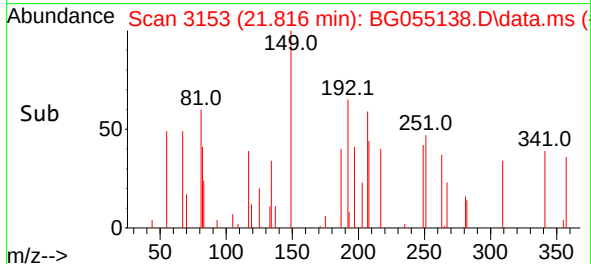
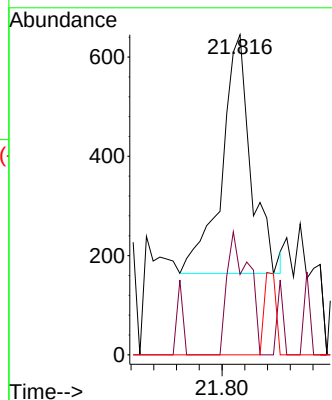
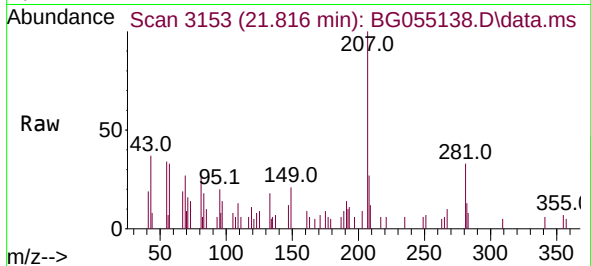




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.207 ng
 RT: 21.816 min Scan# 3153
 Delta R.T. -0.018 min
 Lab File: BG055138.D
 Acq: 12 Oct 2022 11:51

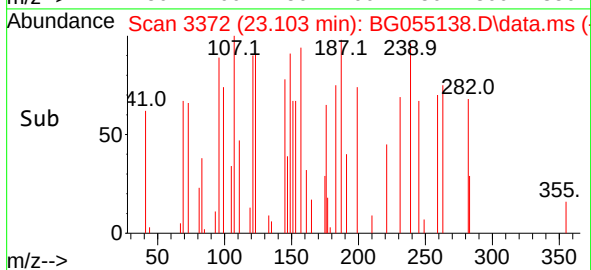
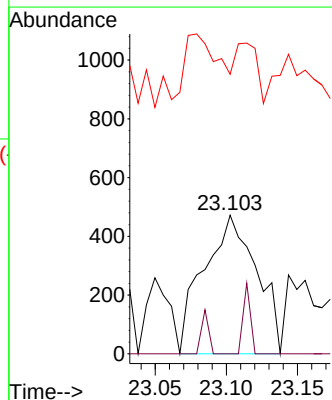
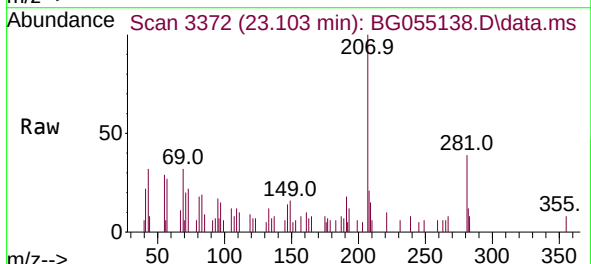
Instrument :
 BNA_G
 ClientSampleId :
 PB148276BL

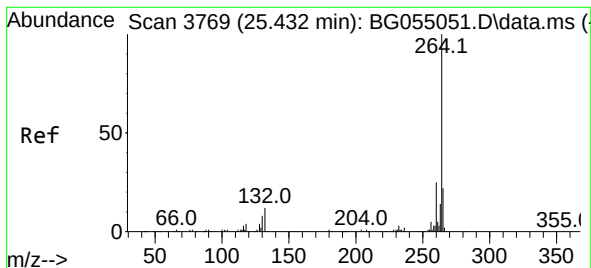
Tgt Ion:149 Resp: 858
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.0 31.4
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.431 ng
 RT: 23.103 min Scan# 3372
 Delta R.T. -0.024 min
 Lab File: BG055138.D
 Acq: 12 Oct 2022 11:51

Tgt Ion:149 Resp: 1225
 Ion Ratio Lower Upper
 149 100
 167 6.9 1.3 1.9#
 43 20.3 10.2 15.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.400 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG055138.D

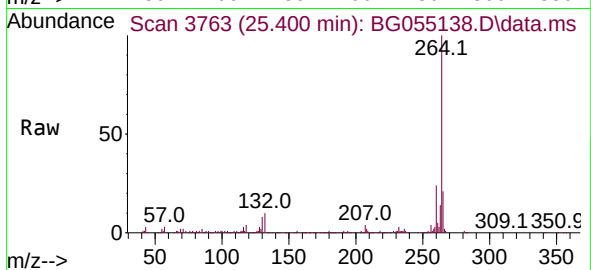
Acq: 12 Oct 2022 11:51

Instrument :

BNA_G

ClientSampleId :

PB148276BL



Tgt Ion:264 Resp: 247284

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.0 17.8 26.6

