

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055091.D
 Acq On : 6 Oct 2022 21:06
 Operator : CG/JU
 Sample : N5014-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Oct 07 01:15:50 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)

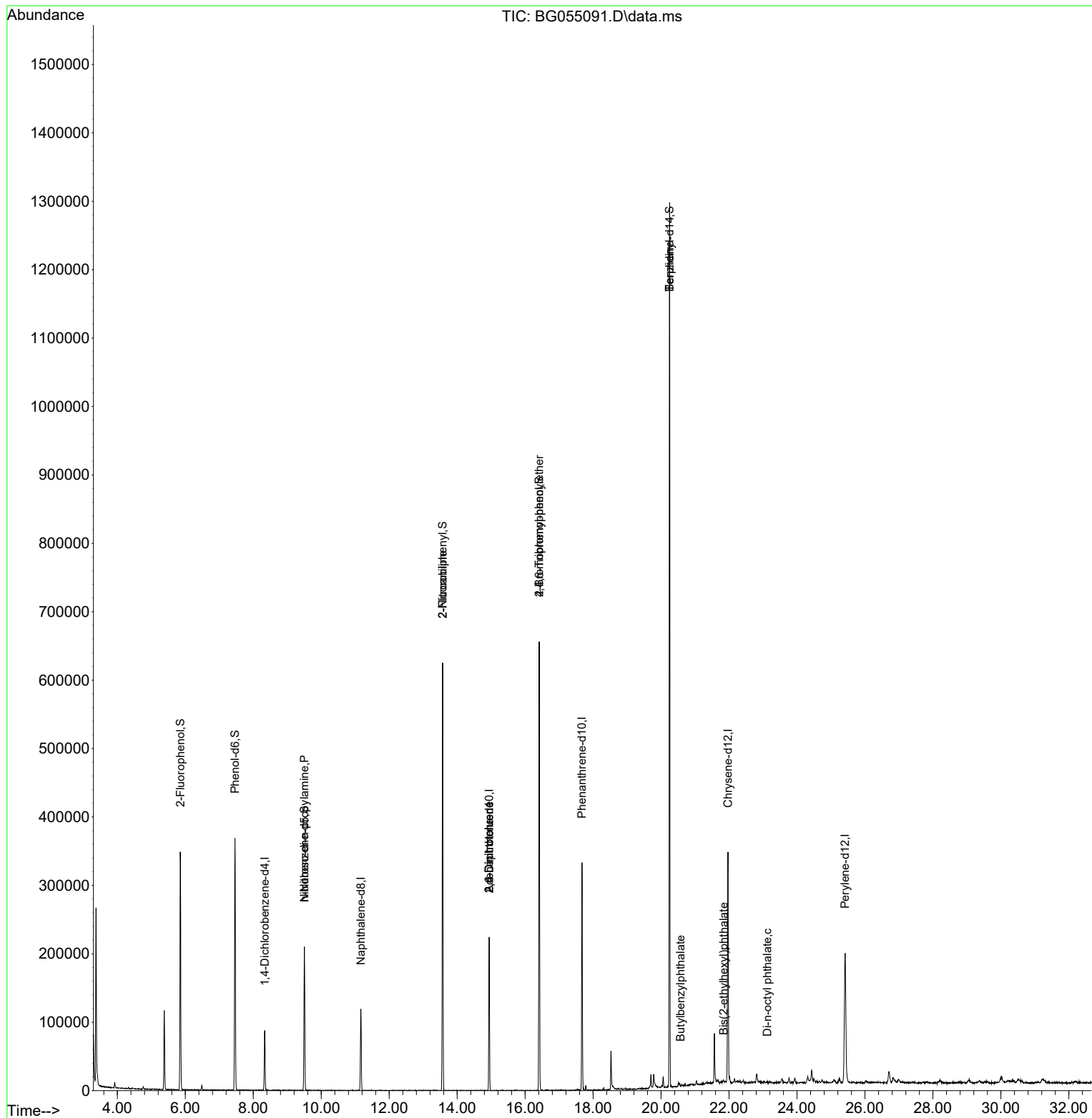
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	23836	20.000	ng	0.00
21) Naphthalene-d8	11.168	136	103089	20.000	ng	# 0.00
39) Acenaphthene-d10	14.940	164	77790	20.000	ng	-0.01
64) Phenanthrene-d10	17.672	188	209204	20.000	ng	-0.01
76) Chrysene-d12	21.967	240	215009	20.000	ng	-0.01
86) Perylene-d12	25.416	264	227939	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.851	112	145234	135.335	ng	0.00
7) Phenol-d6	7.460	99	197757	122.990	ng	0.00
23) Nitrobenzene-d5	9.505	82	123077	71.340	ng	0.00
42) 2,4,6-Tribromophenol	16.415	330	129163	158.339	ng	-0.01
45) 2-Fluorobiphenyl	13.571	172	311628	62.539	ng	-0.01
79) Terphenyl-d14	20.251	244	659122	61.961	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.505	70	17400	11.172	ng	# 78
48) 2-Nitroaniline	13.571	65	481	4.446	ng	# 1
51) 2,6-Dinitrotoluene	14.940	165	10037	12.107	ng	# 15
57) 2,4-Dinitrotoluene	14.940	165	10037	9.892	ng	# 16
67) 4-Bromophenyl-phenylether	16.415	248	8073	3.649	ng	# 1
77) Benzidine	20.245	184	9895	2.671	ng	# 94
80) Butylbenzylphthalate	20.575	149	54	4.849	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.838	149	1544	4.312	ng	# 96
85) Di-n-octyl phthalate	23.130	149	68	4.346	ng	# 1

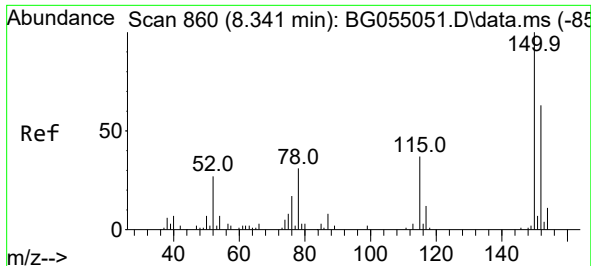
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
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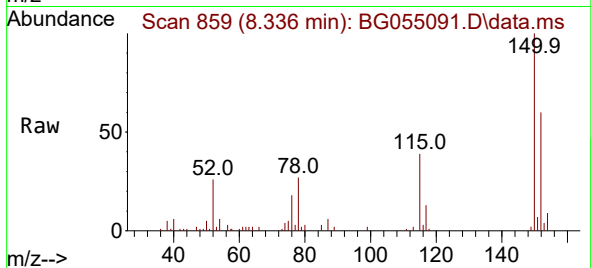
Quant Time: Oct 07 01:15:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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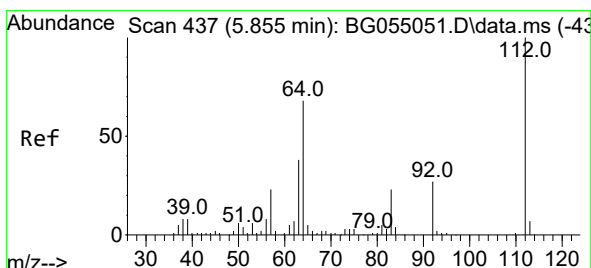
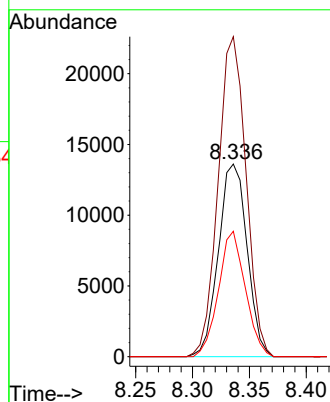
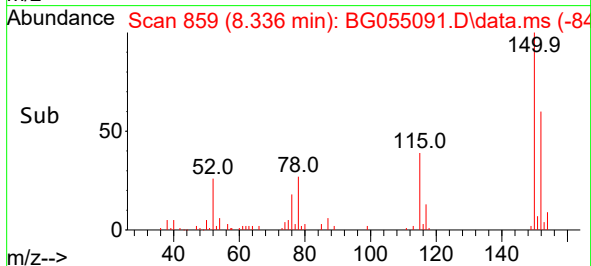


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

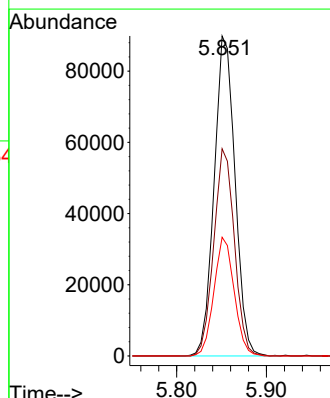
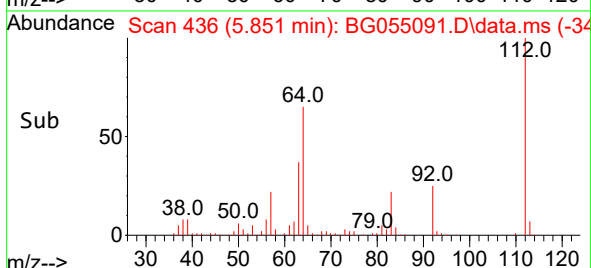
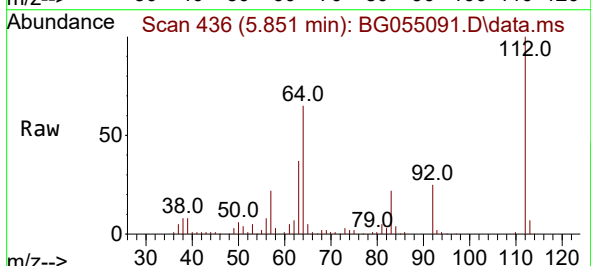


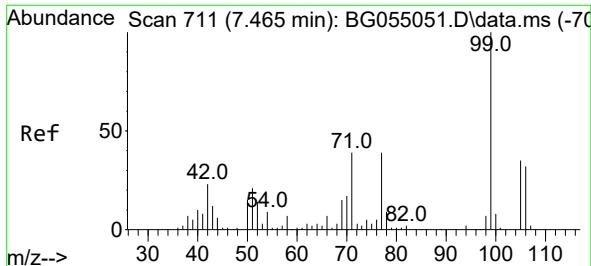
Tgt Ion:152 Resp: 23836
Ion Ratio Lower Upper
152 100
150 166.2 128.0 192.0
115 65.2 47.7 71.5



#5
2-Fluorophenol
Concen: 135.335 ng
RT: 5.851 min Scan# 436
Delta R.T. -0.004 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Tgt Ion:112 Resp: 145234
Ion Ratio Lower Upper
112 100
64 64.8 54.5 81.7
63 37.1 30.5 45.7

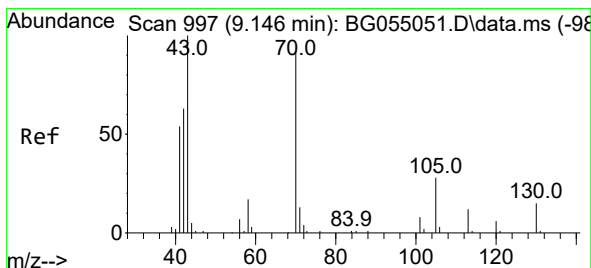
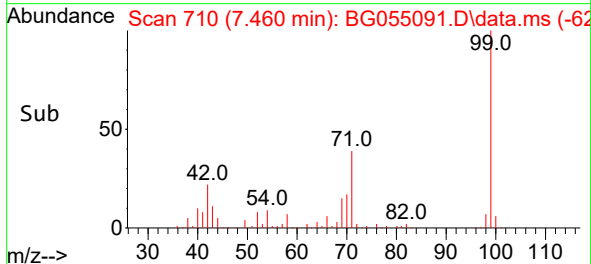
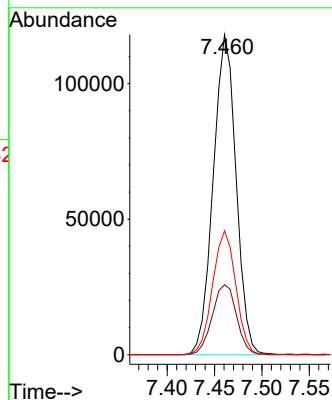
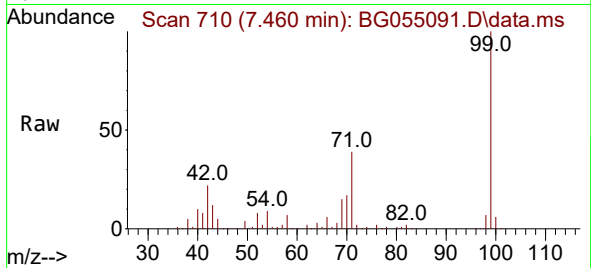




#7
Phenol-d6
Concen: 122.990 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

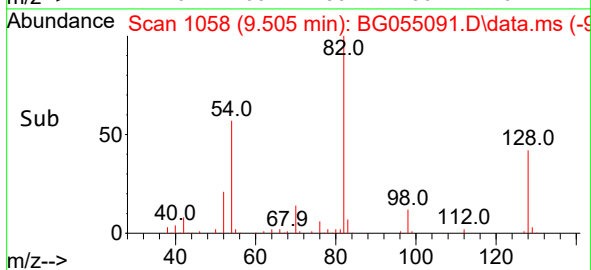
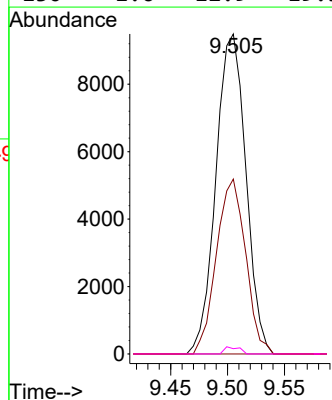
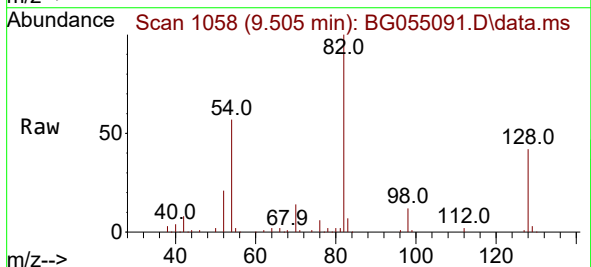
Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

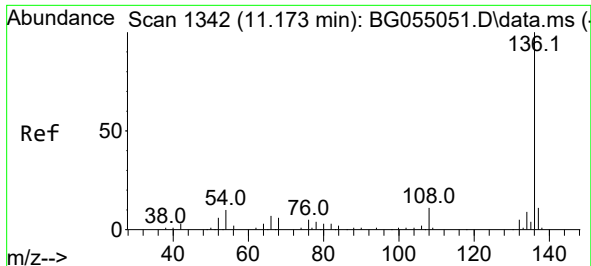
Tgt Ion: 99 Resp: 197757
Ion Ratio Lower Upper
99 100
42 21.8 18.6 28.0
71 38.7 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.172 ng
RT: 9.505 min Scan# 1058
Delta R.T. 0.359 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Tgt Ion: 70 Resp: 17400
Ion Ratio Lower Upper
70 100
42 54.7 55.8 83.6#
101 0.0 7.1 10.7#
130 1.6 12.9 19.3#

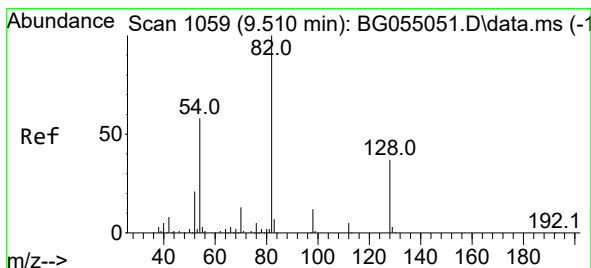
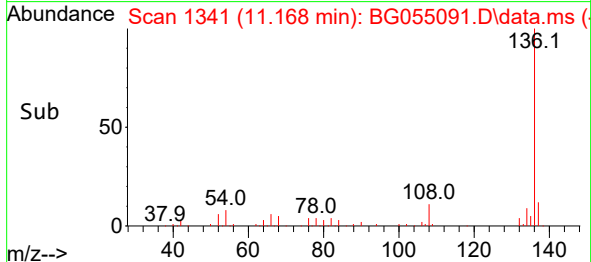
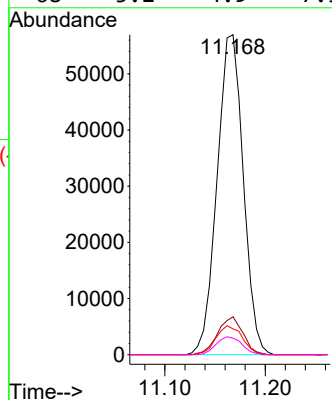
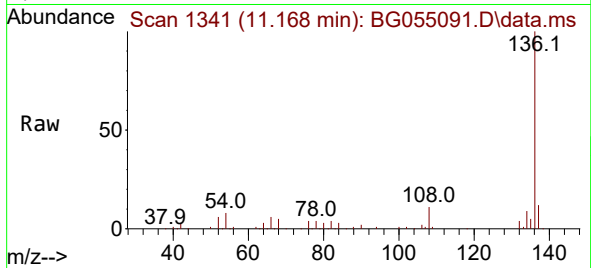




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

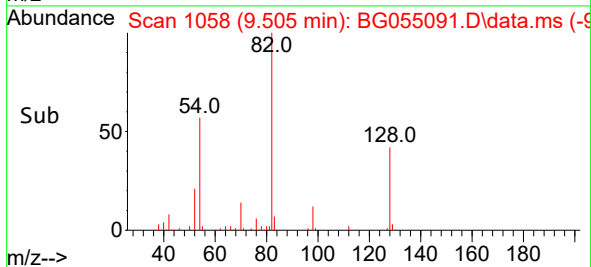
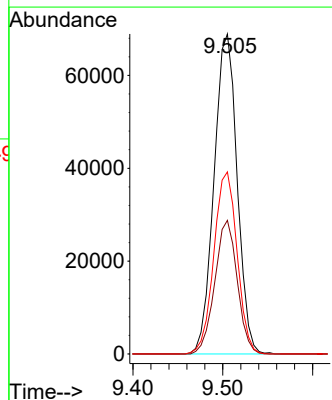
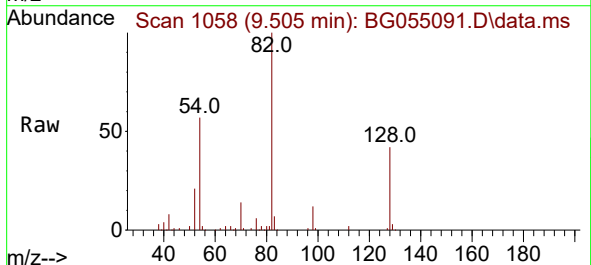
Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

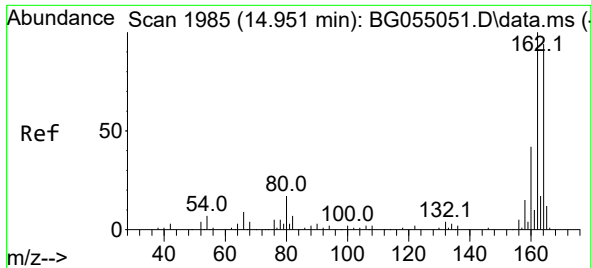
Tgt Ion:136 Resp: 103089
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 8.0 8.2 12.4#
68 5.2 4.9 7.3



#23
Nitrobenzene-d5
Concen: 71.340 ng
RT: 9.505 min Scan# 1058
Delta R.T. -0.005 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Tgt Ion: 82 Resp: 123077
Ion Ratio Lower Upper
82 100
128 41.8 29.5 44.3
54 56.9 46.7 70.1

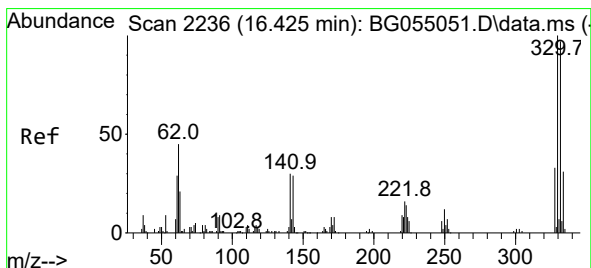
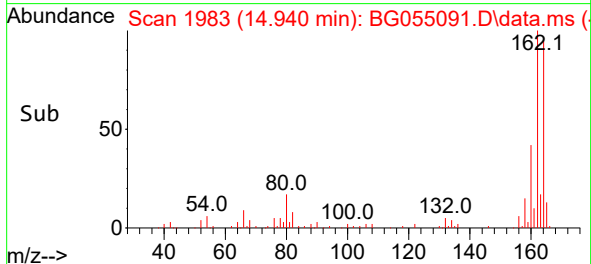
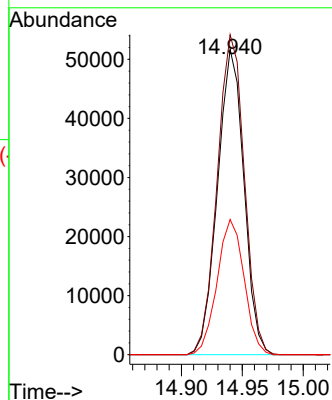
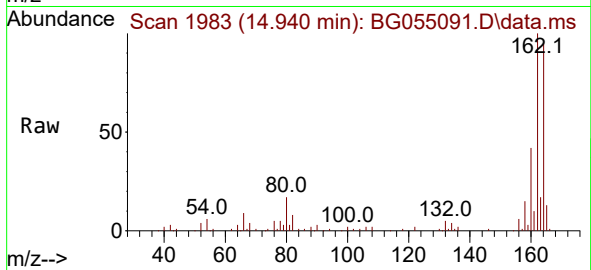




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.940 min Scan# 1983
Delta R.T. -0.011 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

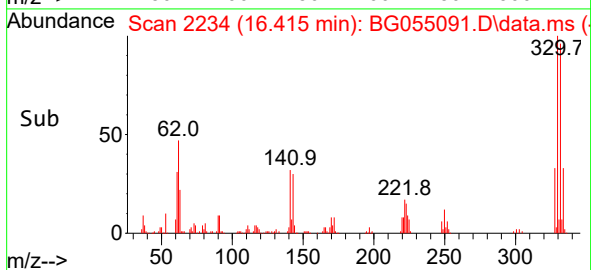
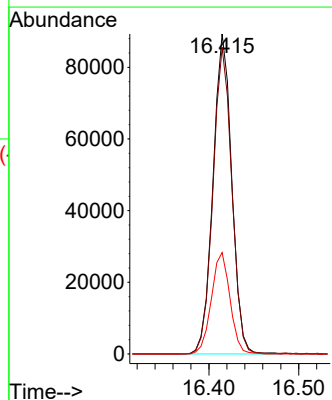
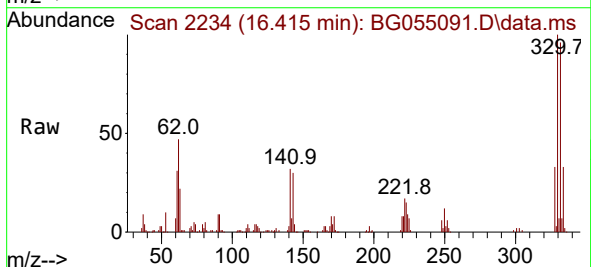
Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

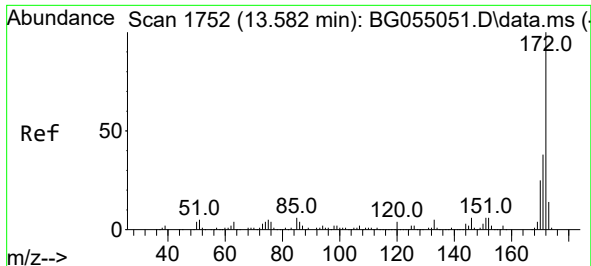
Tgt Ion:164 Resp: 77790
Ion Ratio Lower Upper
164 100
162 104.8 85.5 128.3
160 44.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 158.339 ng
RT: 16.415 min Scan# 2234
Delta R.T. -0.010 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Tgt Ion:330 Resp: 129163
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 31.5 25.0 37.4

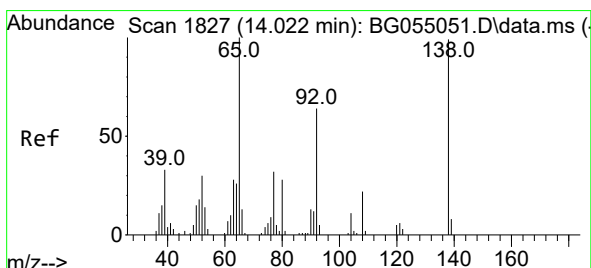
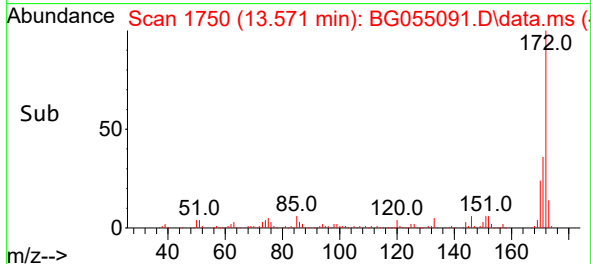
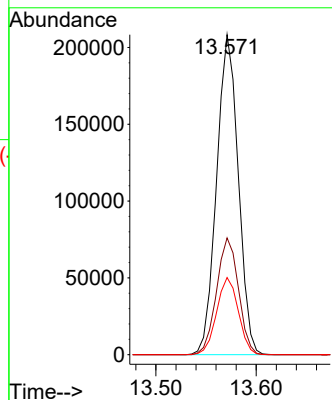
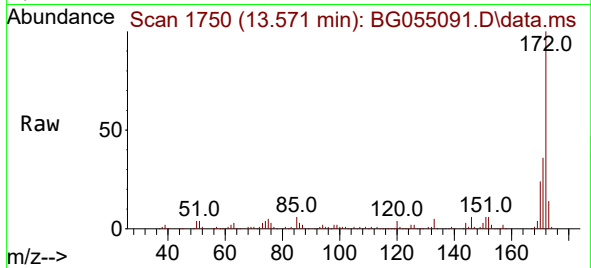




#45
2-Fluorobiphenyl
Concen: 62.539 ng
RT: 13.571 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

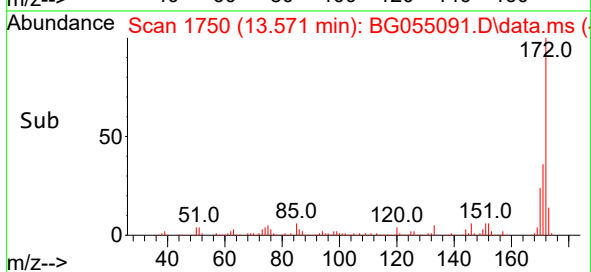
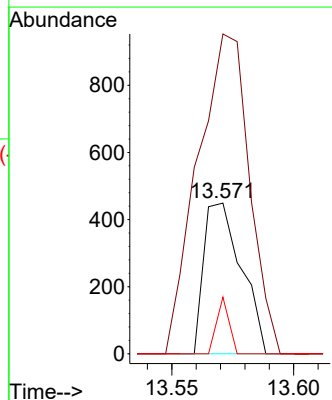
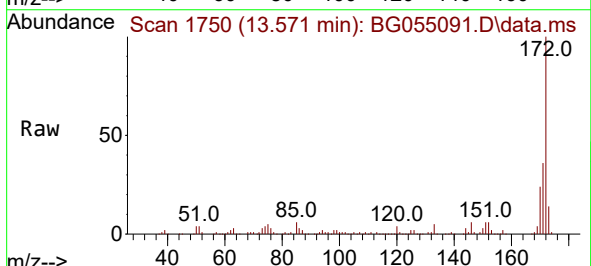
Instrument :
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ClientSampleId :
SB-03-0-2.0

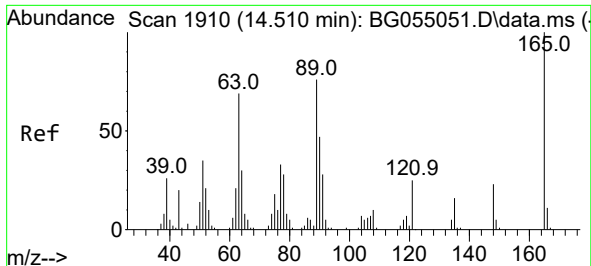
Tgt Ion:172 Resp: 311628
Ion Ratio Lower Upper
172 100
171 36.5 30.1 45.1
170 24.1 20.0 30.0



#48
2-Nitroaniline
Concen: 4.446 ng
RT: 13.571 min Scan# 1750
Delta R.T. -0.451 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Tgt Ion: 65 Resp: 481
Ion Ratio Lower Upper
65 100
92 212.2 50.9 76.3#
138 37.6 79.5 119.3#

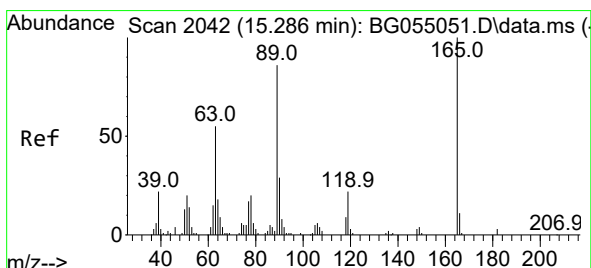
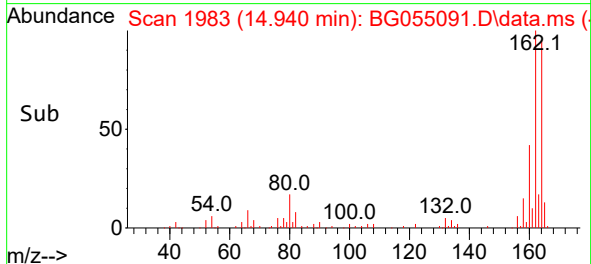
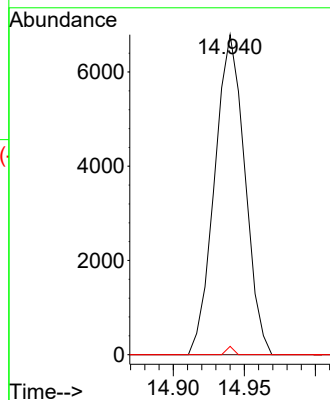
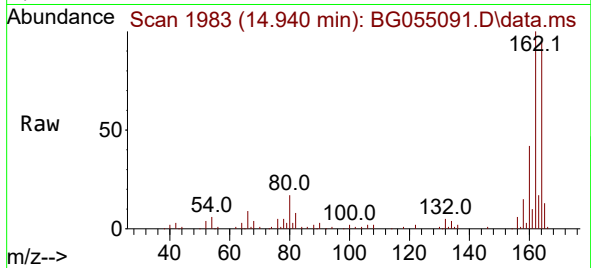




#51
2,6-Dinitrotoluene
Concen: 12.107 ng
RT: 14.940 min Scan# 1910
Delta R.T. 0.430 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

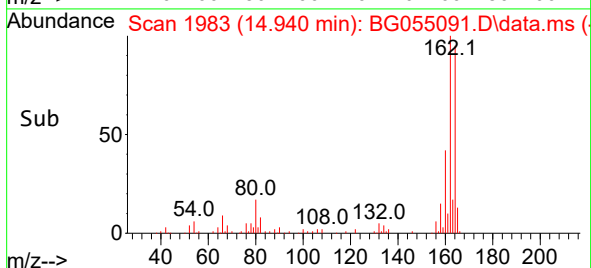
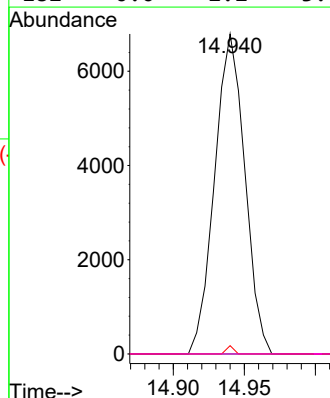
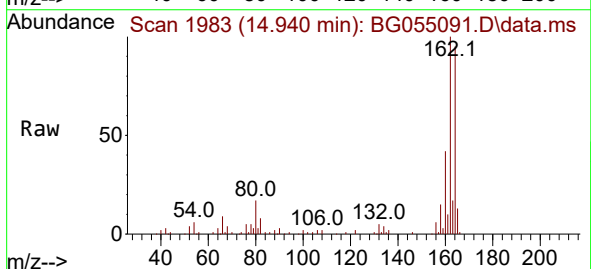
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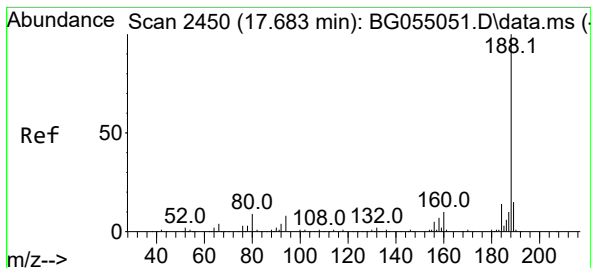
Tgt Ion:165 Resp: 10037
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 2.6 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.892 ng
RT: 14.940 min Scan# 1983
Delta R.T. -0.346 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Tgt Ion:165 Resp: 10037
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.6 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.672 min Scan# 24

Delta R.T. -0.011 min

Lab File: BG055091.D

Acq: 6 Oct 2022 21:06

Instrument :

BNA_G

ClientSampleId :

SB-03-0-2.0

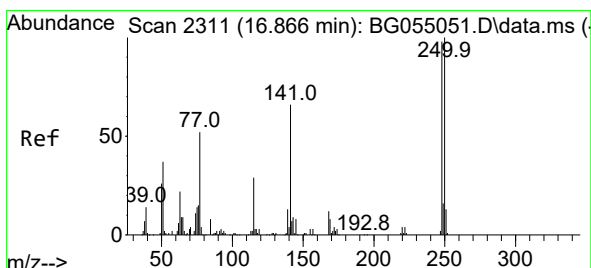
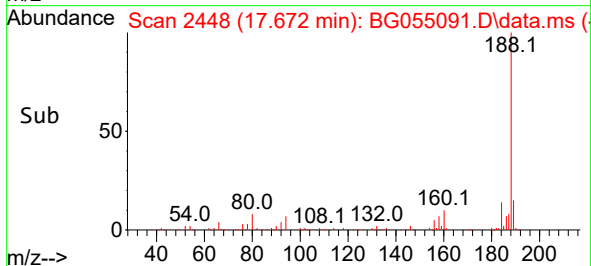
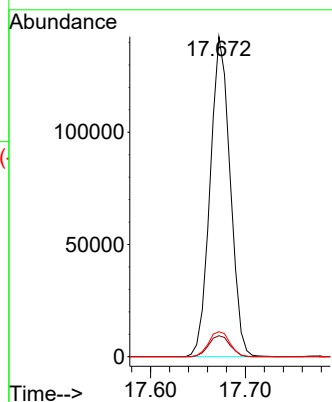
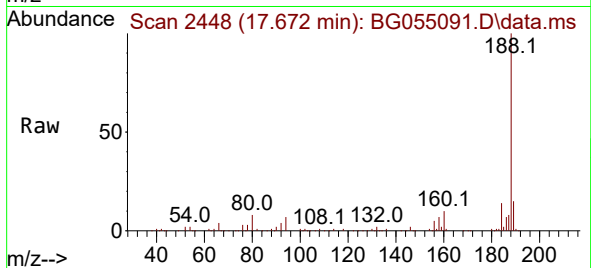
Tgt Ion:188 Resp: 209204

Ion Ratio Lower Upper

188 100

94 6.6 6.2 9.2

80 7.8 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.649 ng

RT: 16.415 min Scan# 2234

Delta R.T. -0.451 min

Lab File: BG055091.D

Acq: 6 Oct 2022 21:06

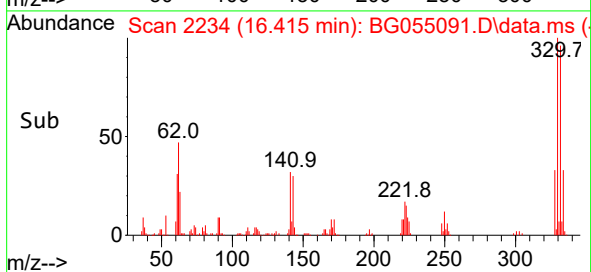
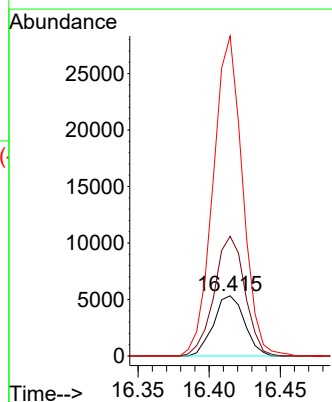
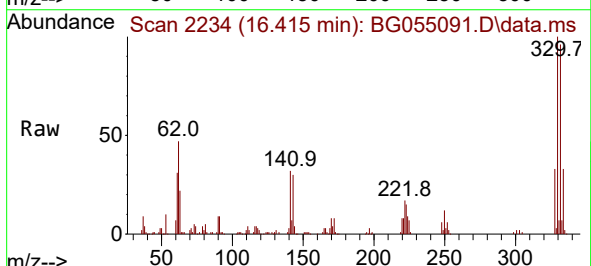
Tgt Ion:248 Resp: 8073

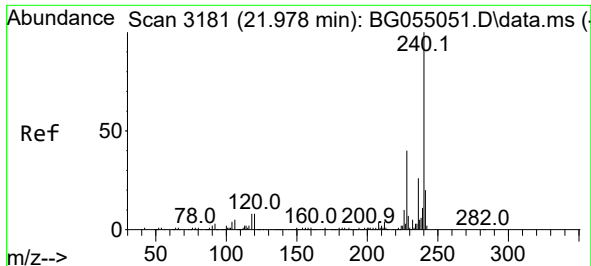
Ion Ratio Lower Upper

248 100

250 199.0 81.7 122.5#

141 532.2 53.7 80.5#

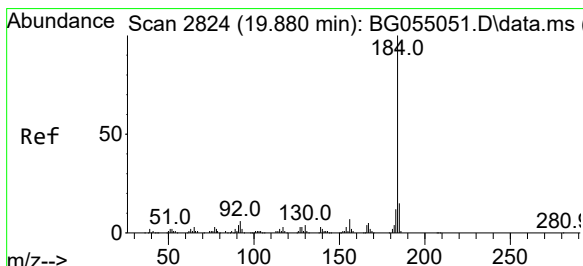
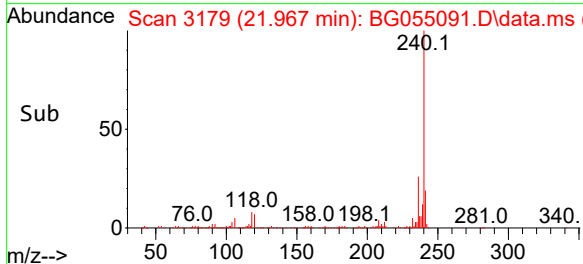
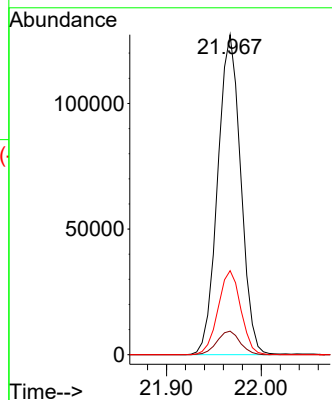
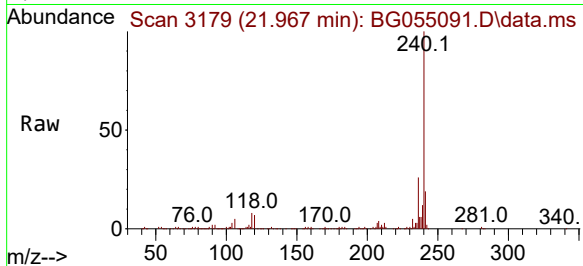




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.967 min Scan# 3181
Delta R.T. -0.011 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

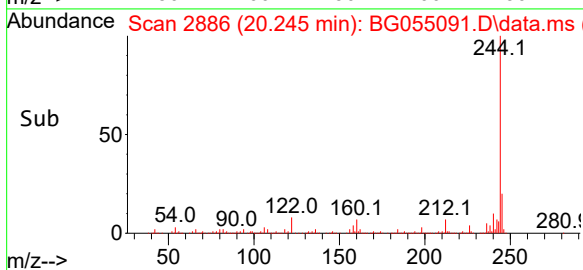
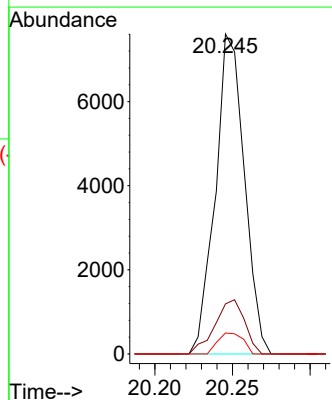
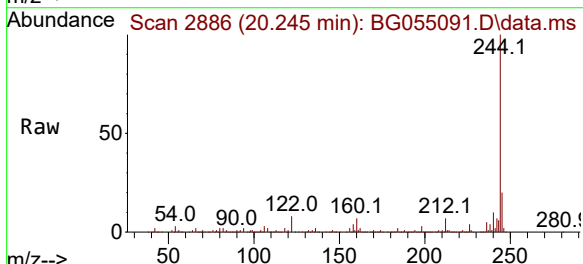
Instrument :
BNA_G
ClientSampleId :
SB-03-0-2.0

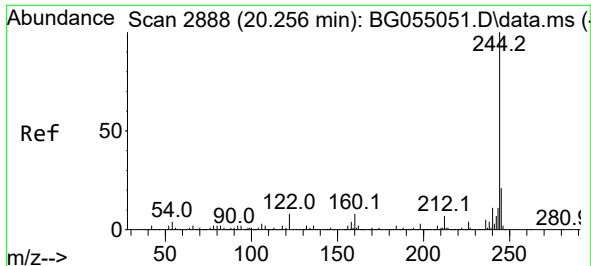
Tgt Ion:240 Resp: 215009
Ion Ratio Lower Upper
240 100
120 7.4 6.2 9.4
236 26.3 20.6 30.8



#77
Benzidine
Concen: 2.671 ng
RT: 20.245 min Scan# 2886
Delta R.T. 0.365 min
Lab File: BG055091.D
Acq: 6 Oct 2022 21:06

Tgt Ion:184 Resp: 9895
Ion Ratio Lower Upper
184 100
185 15.7 12.2 18.4
183 6.6 9.4 14.0#

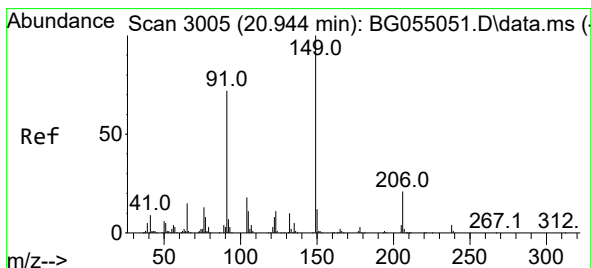
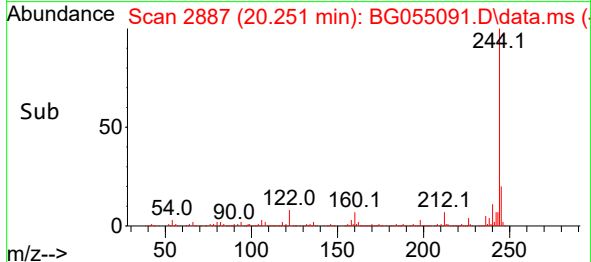
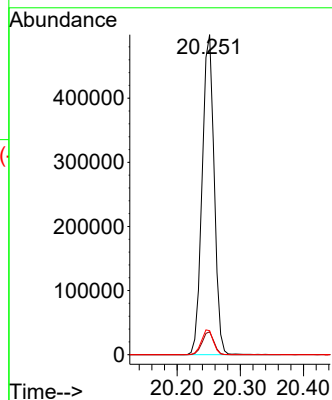
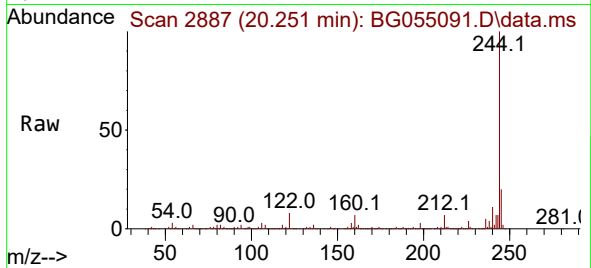




#79
 Terphenyl-d14
 Concen: 61.961 ng
 RT: 20.251 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055091.D
 Acq: 6 Oct 2022 21:06

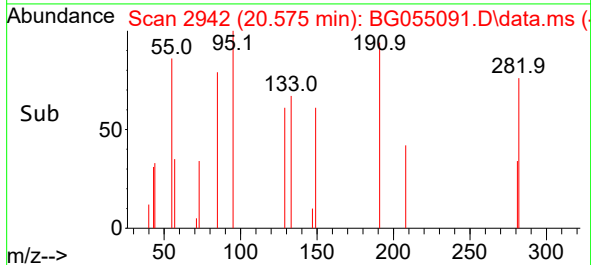
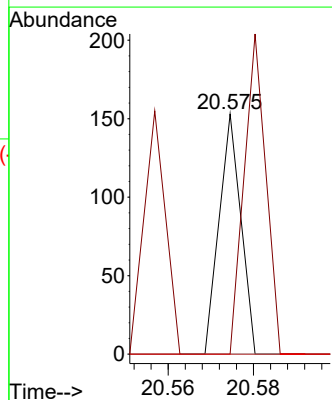
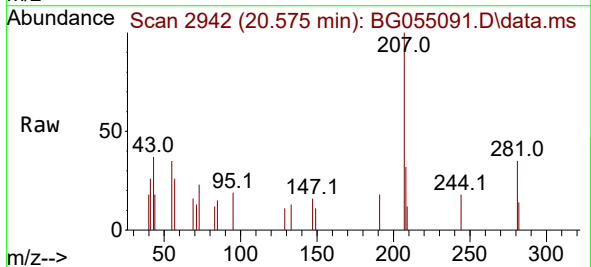
Instrument :
 BNA_G
 ClientSampleId :
 SB-03-0-2.0

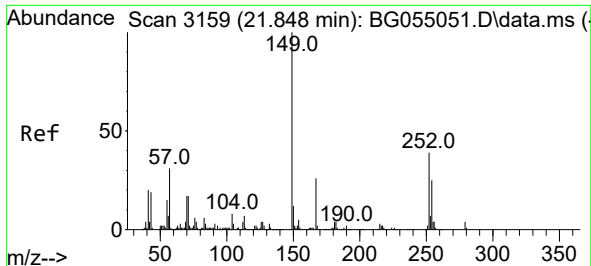
Tgt Ion:244 Resp: 659122
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.5 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.849 ng
 RT: 20.575 min Scan# 2942
 Delta R.T. -0.369 min
 Lab File: BG055091.D
 Acq: 6 Oct 2022 21:06

Tgt Ion:149 Resp: 54
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

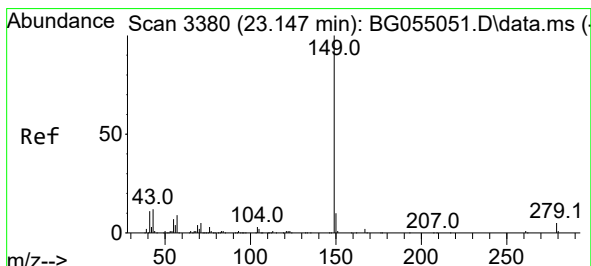
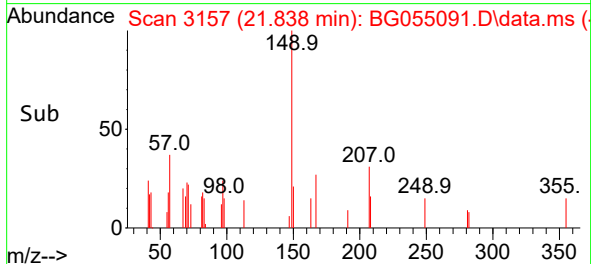
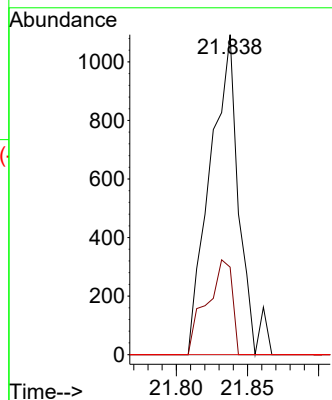
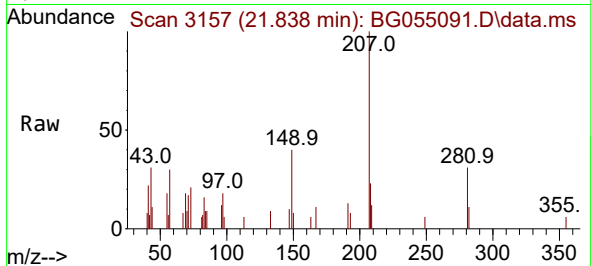




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.312 ng
 RT: 21.838 min Scan# 3157
 Delta R.T. -0.010 min
 Lab File: BG055091.D
 Acq: 6 Oct 2022 21:06

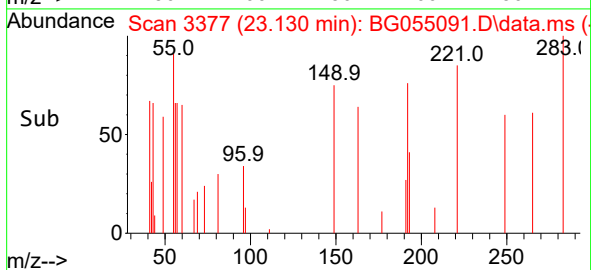
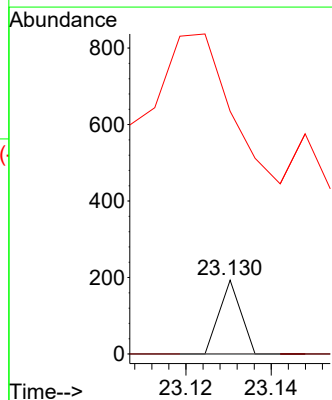
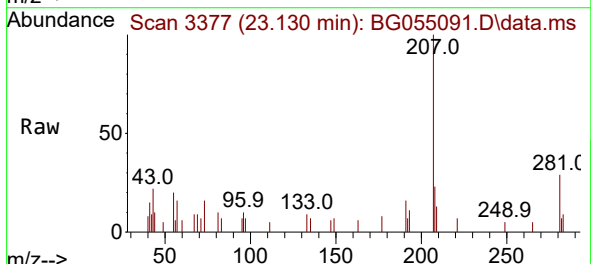
Instrument :
 BNA_G
 ClientSampleId :
 SB-03-0-2.0

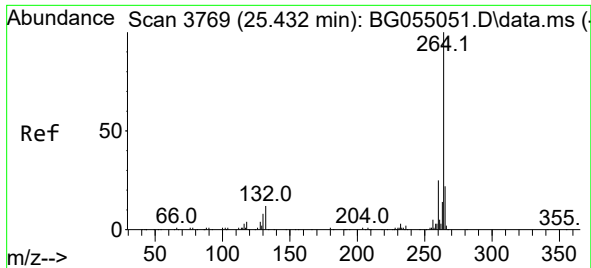
Tgt Ion:149 Resp: 1544
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.0 31.4
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.346 ng
 RT: 23.130 min Scan# 3377
 Delta R.T. -0.017 min
 Lab File: BG055091.D
 Acq: 6 Oct 2022 21:06

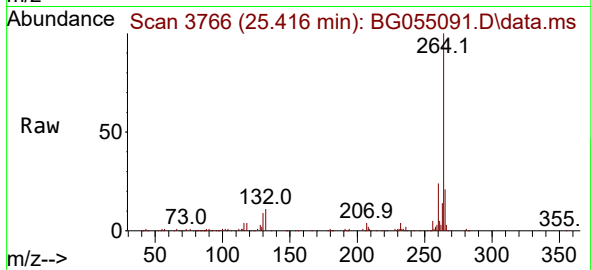
Tgt Ion:149 Resp: 68
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 1030.9 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.416 min Scan# 31
 Delta R.T. -0.017 min
 Lab File: BG055091.D
 Acq: 6 Oct 2022 21:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-0-2.0



Tgt Ion:264 Resp: 227939
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.7 29.5
 265 21.3 17.8 26.6

