

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
 Data File : BG055090.D
 Acq On : 6 Oct 2022 20:24
 Operator : CG/JU
 Sample : N5014-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Oct 07 01:15:38 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)

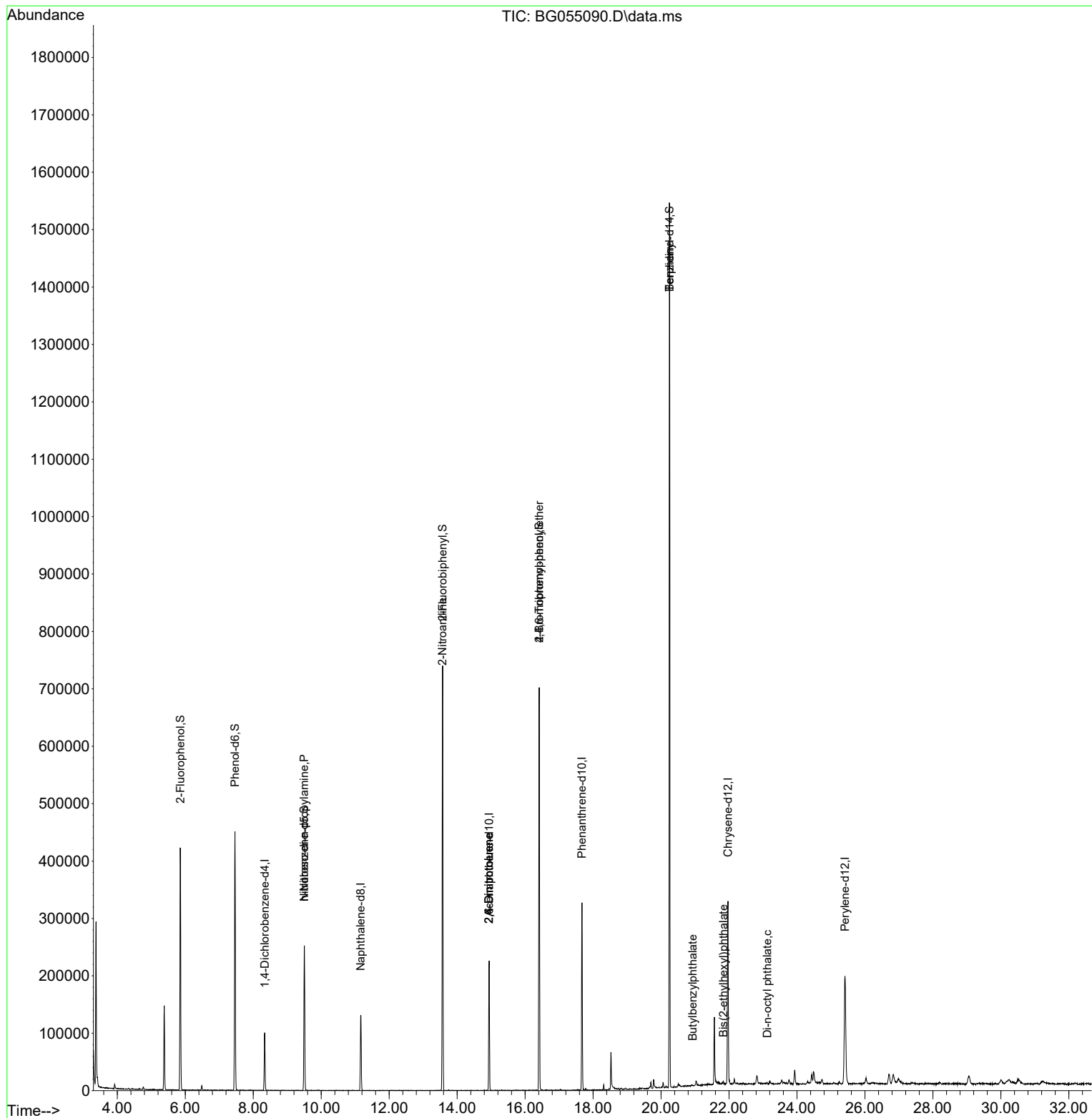
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	27499	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	113450	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	83512	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	209495	20.000	ng	0.00
76) Chrysene-d12	21.969	240	214548	20.000	ng	0.00
86) Perylene-d12	25.412	264	228505	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.853	112	173317	139.991	ng	0.00
7) Phenol-d6	7.463	99	236803	127.656	ng	0.00
23) Nitrobenzene-d5	9.501	82	150030	79.021	ng	0.00
42) 2,4,6-Tribromophenol	16.417	330	143251	163.369	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	382750	71.549	ng	0.00
79) Terphenyl-d14	20.248	244	792004	74.612	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.501	70	20717	11.529	ng	# 79
48) 2-Nitroaniline	13.567	65	476	4.417	ng	# 1
51) 2,6-Dinitrotoluene	14.936	165	10830	12.150	ng	# 13
57) 2,4-Dinitrotoluene	14.936	165	10830	9.924	ng	# 15
67) 4-Bromophenyl-phenylether	16.417	248	8832	3.986	ng	# 1
77) Benzidine	20.248	184	12117	3.278	ng	# 92
80) Butylbenzylphthalate	20.929	149	137	4.866	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.834	149	1974	4.371	ng	# 98
85) Di-n-octyl phthalate	23.127	149	304	4.365	ng	# 1

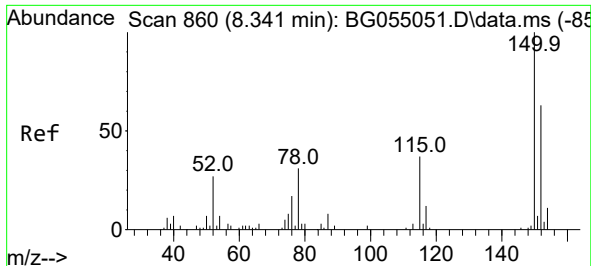
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100622\
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Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

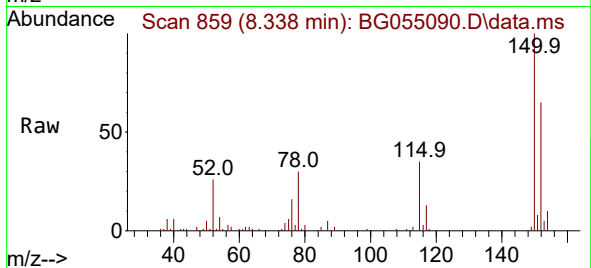
Quant Time: Oct 07 01:15:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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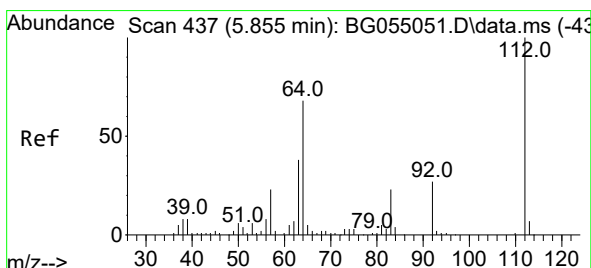
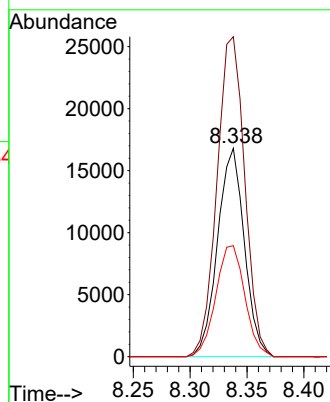
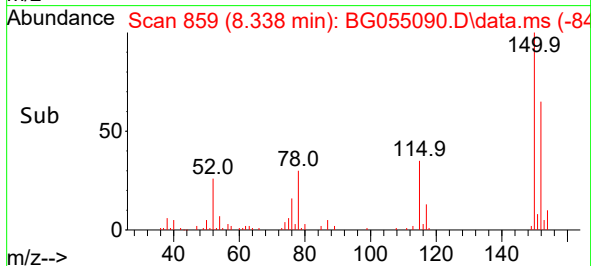


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

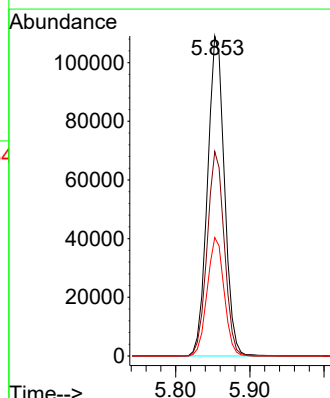
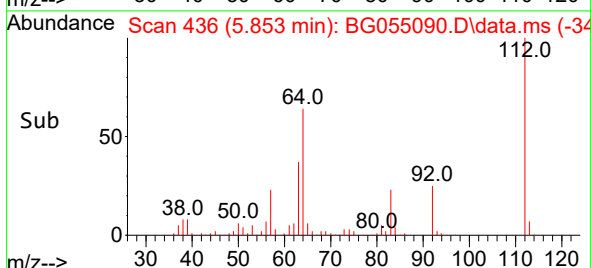
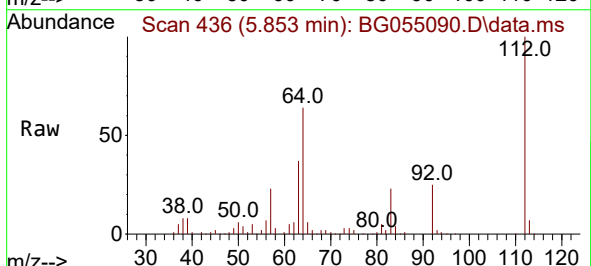


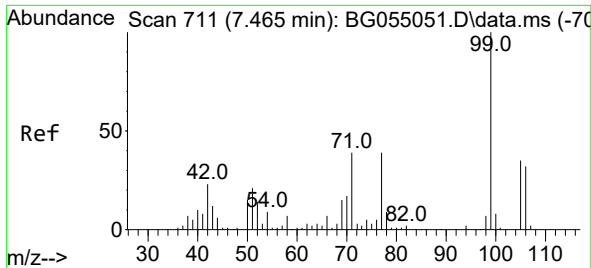
Tgt Ion:152 Resp: 27499
Ion Ratio Lower Upper
152 100
150 153.6 128.0 192.0
115 53.3 47.7 71.5



#5
2-Fluorophenol
Concen: 139.991 ng
RT: 5.853 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

Tgt Ion:112 Resp: 173317
Ion Ratio Lower Upper
112 100
64 63.9 54.5 81.7
63 37.0 30.5 45.7

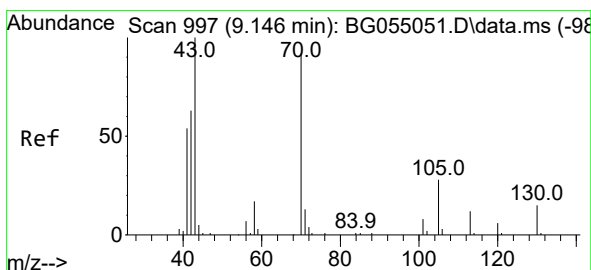
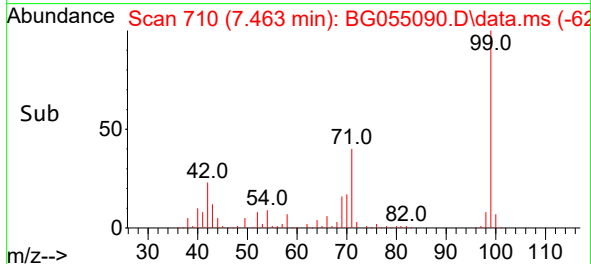
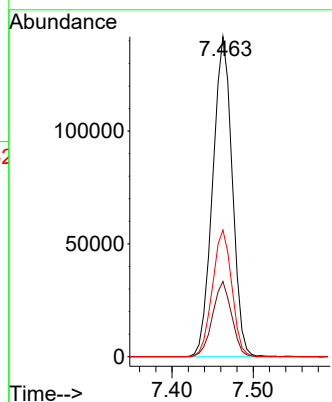
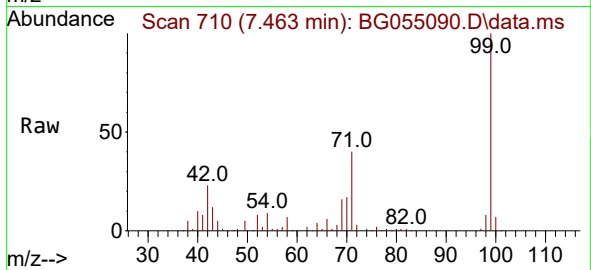




#7
Phenol-d6
Concen: 127.656 ng
RT: 7.463 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

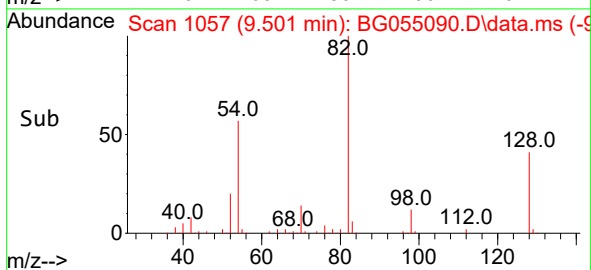
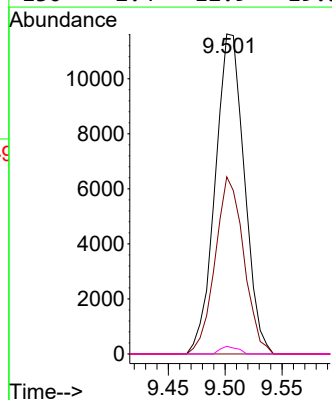
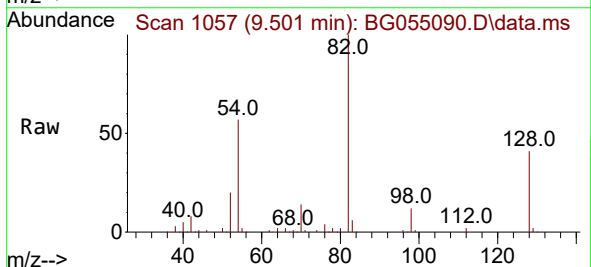
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

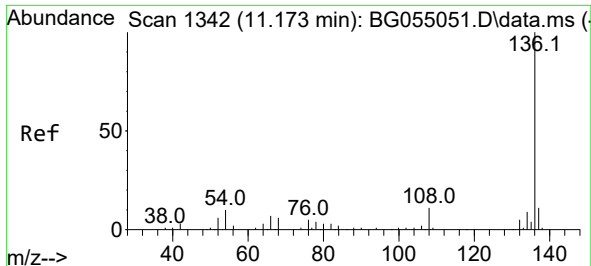
Tgt Ion: 99 Resp: 236803
Ion Ratio Lower Upper
99 100
42 23.5 18.6 28.0
71 39.6 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.529 ng
RT: 9.501 min Scan# 1057
Delta R.T. 0.356 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

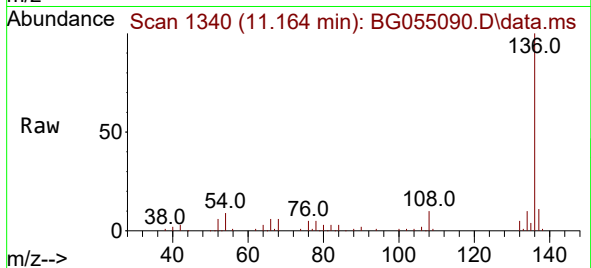
Tgt Ion: 70 Resp: 20717
Ion Ratio Lower Upper
70 100
42 55.3 55.8 83.6#
101 0.0 7.1 10.7#
130 2.4 12.9 19.3#



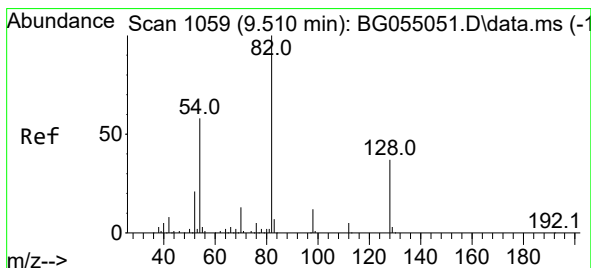
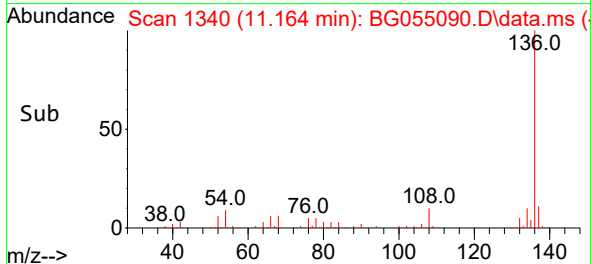
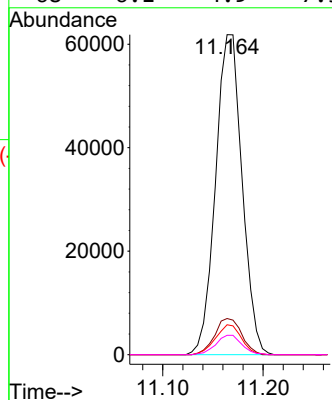


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 1134
Delta R.T. -0.009 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

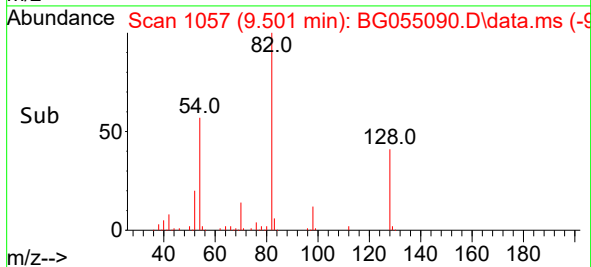
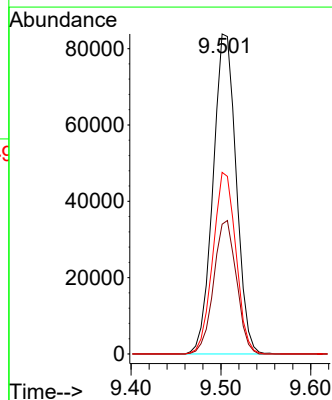
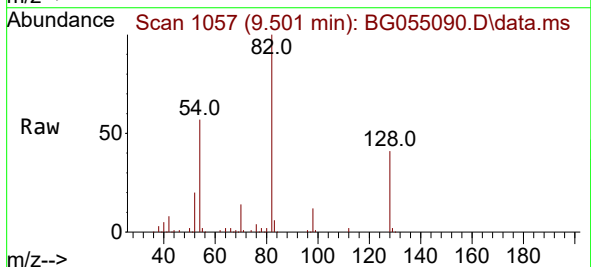


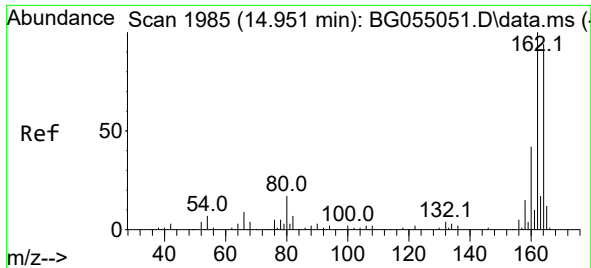
Tgt Ion:136 Resp: 113450
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 9.3 8.2 12.4
68 6.1 4.9 7.3



#23
Nitrobenzene-d5
Concen: 79.021 ng
RT: 9.501 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

Tgt Ion: 82 Resp: 150030
Ion Ratio Lower Upper
82 100
128 40.5 29.5 44.3
54 56.8 46.7 70.1

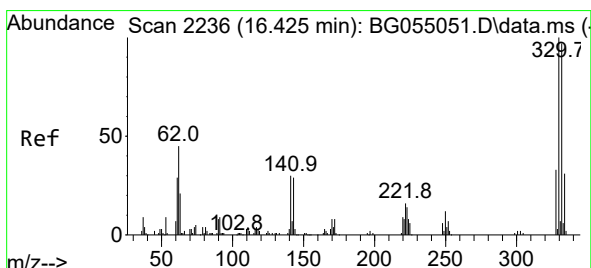
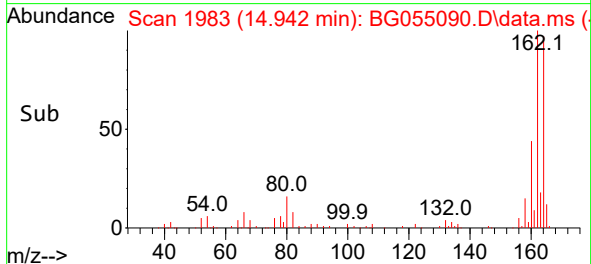
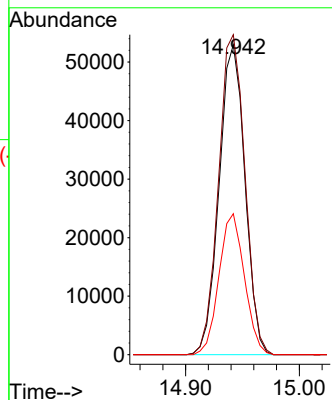
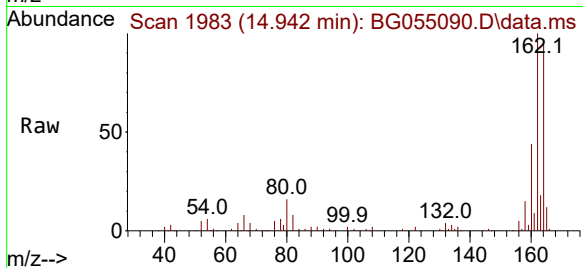




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

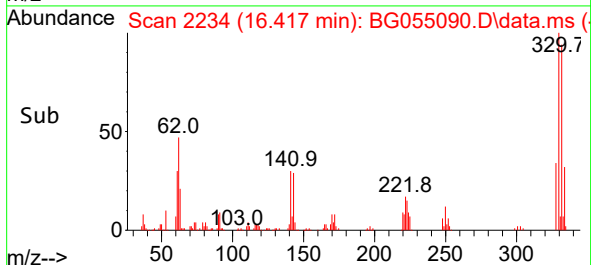
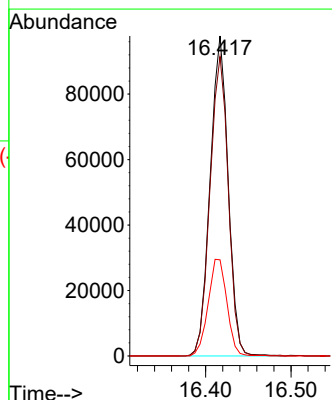
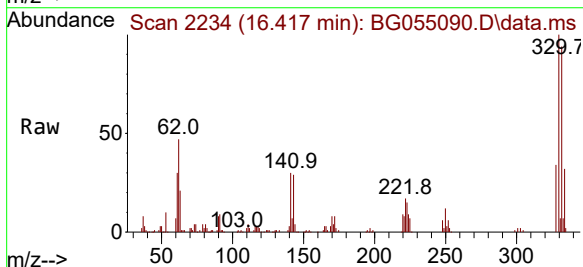
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

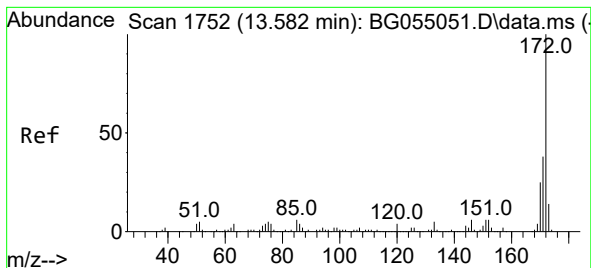
Tgt Ion:164 Resp: 83512
Ion Ratio Lower Upper
164 100
162 103.2 85.5 128.3
160 45.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 163.369 ng
RT: 16.417 min Scan# 2234
Delta R.T. -0.008 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

Tgt Ion:330 Resp: 143251
Ion Ratio Lower Upper
330 100
332 95.0 77.4 116.0
141 31.5 25.0 37.4





#45

2-Fluorobiphenyl

Concen: 71.549 ng

RT: 13.573 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG055090.D

Acq: 6 Oct 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

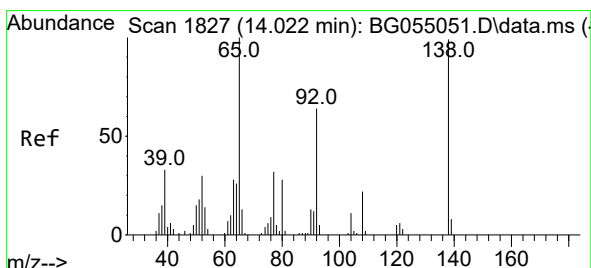
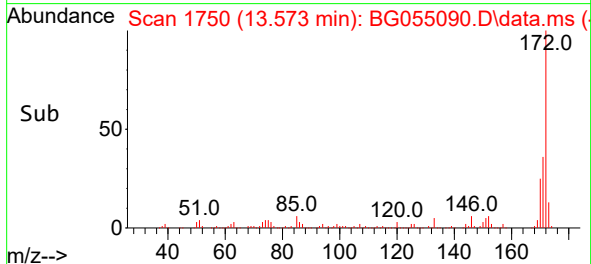
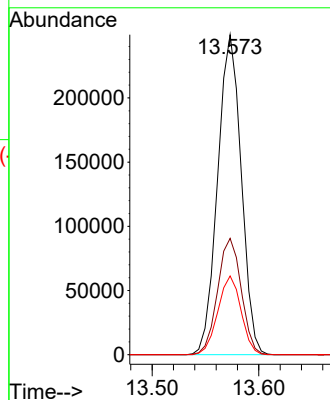
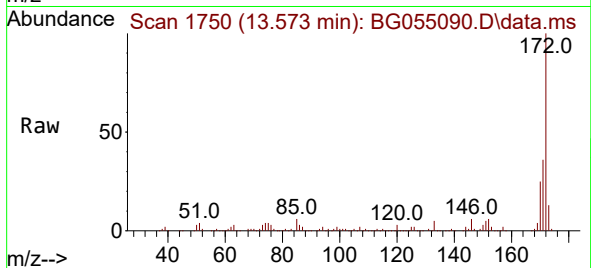
Tgt Ion:172 Resp: 382750

Ion Ratio Lower Upper

172 100

171 36.3 30.1 45.1

170 24.6 20.0 30.0



#48

2-Nitroaniline

Concen: 4.417 ng

RT: 13.567 min Scan# 1749

Delta R.T. -0.455 min

Lab File: BG055090.D

Acq: 6 Oct 2022 20:24

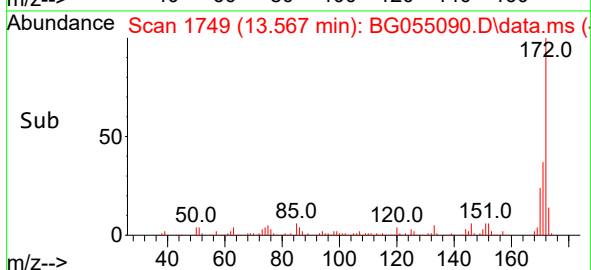
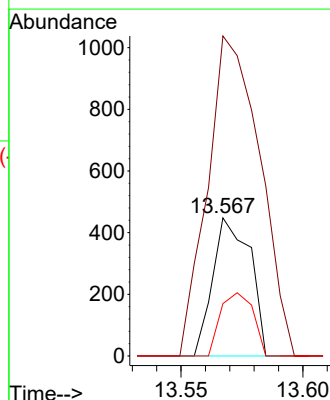
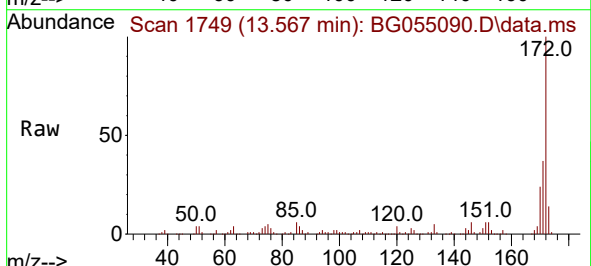
Tgt Ion: 65 Resp: 476

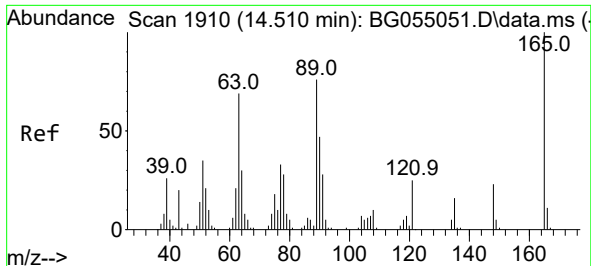
Ion Ratio Lower Upper

65 100

92 231.7 50.9 76.3#

138 37.9 79.5 119.3#

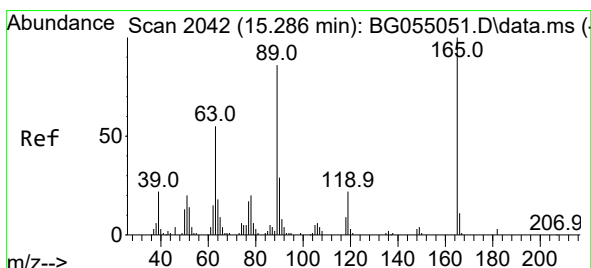
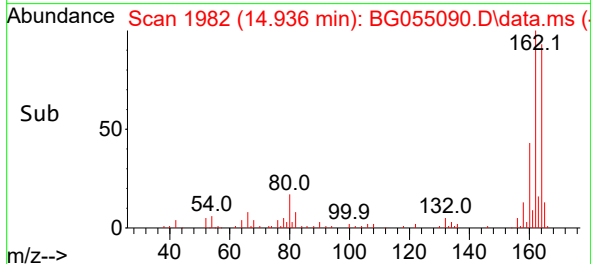
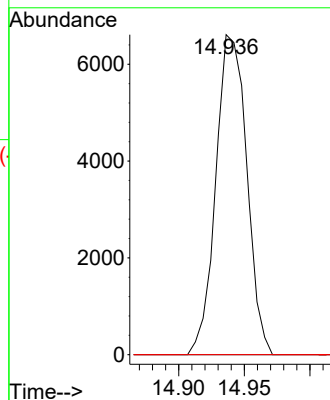
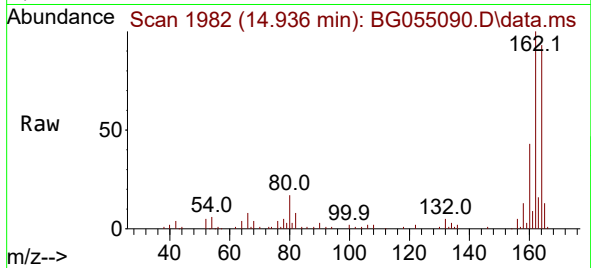




#51
2,6-Dinitrotoluene
Concen: 12.150 ng
RT: 14.936 min Scan# 1910
Delta R.T. 0.426 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

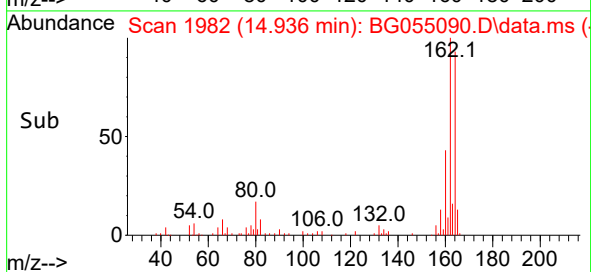
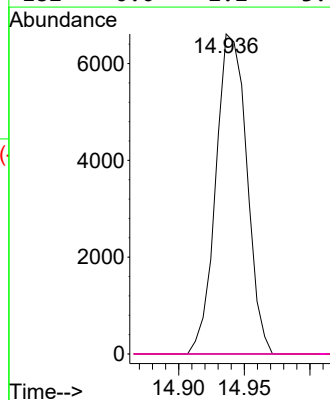
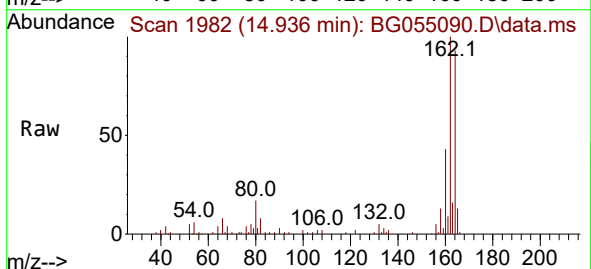
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

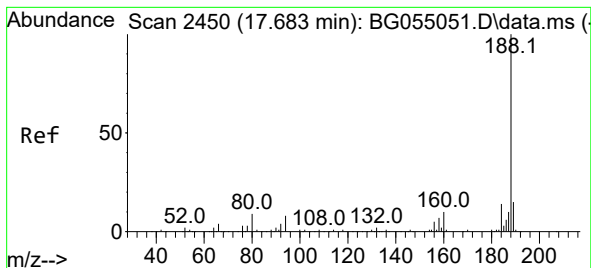
Tgt Ion:165 Resp: 10830
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.924 ng
RT: 14.936 min Scan# 1982
Delta R.T. -0.350 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

Tgt Ion:165 Resp: 10830
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: 17.674 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG055090.D

Acq: 6 Oct 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

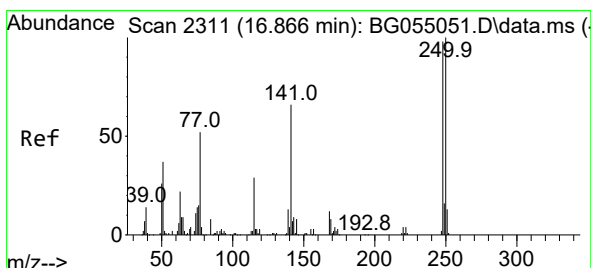
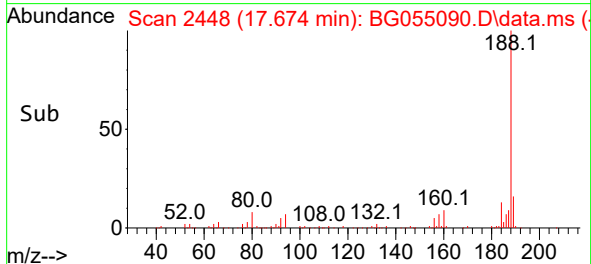
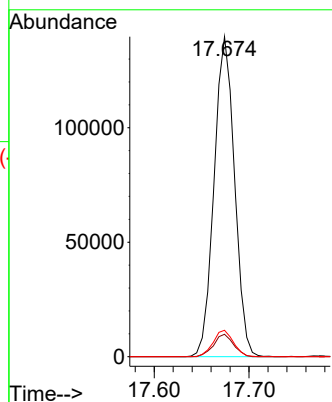
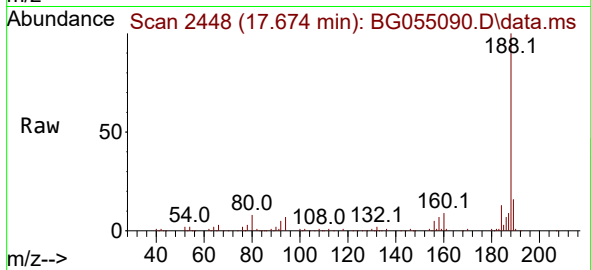
Tgt Ion:188 Resp: 209495

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.2

80 8.3 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.986 ng

RT: 16.417 min Scan# 2234

Delta R.T. -0.449 min

Lab File: BG055090.D

Acq: 6 Oct 2022 20:24

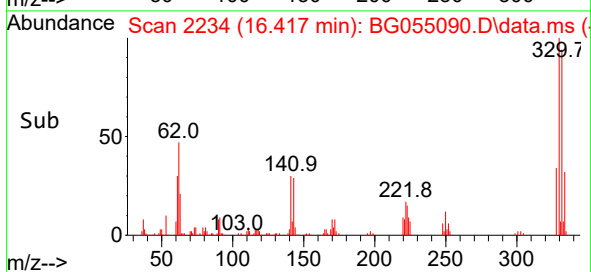
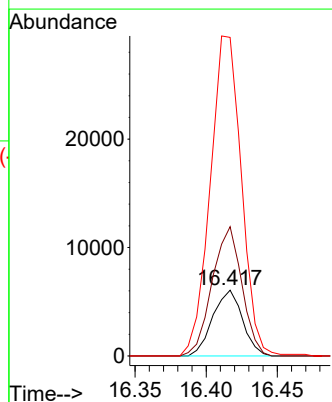
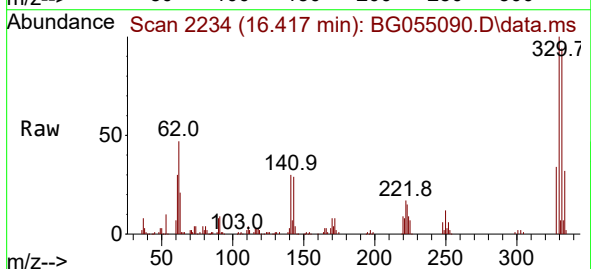
Tgt Ion:248 Resp: 8832

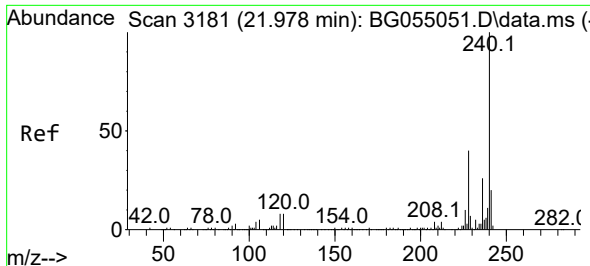
Ion Ratio Lower Upper

248 100

250 196.6 81.7 122.5#

141 484.4 53.7 80.5#

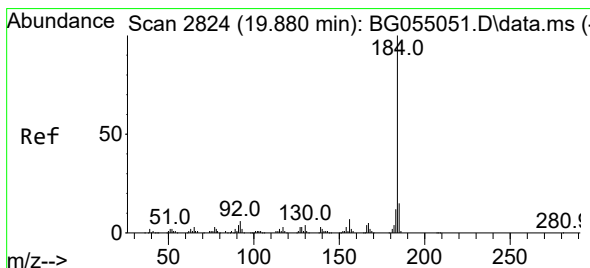
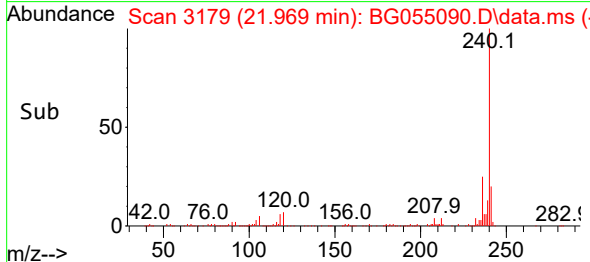
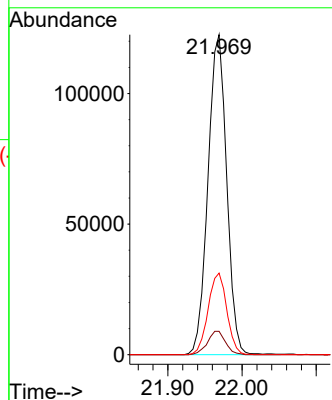
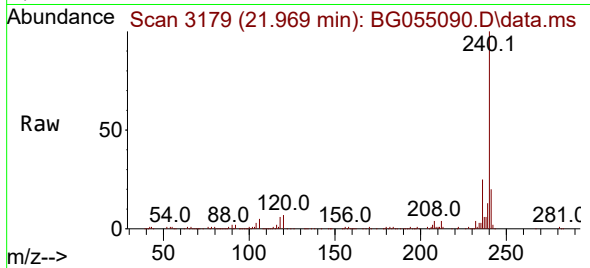




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.969 min Scan# 3181
Delta R.T. -0.009 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

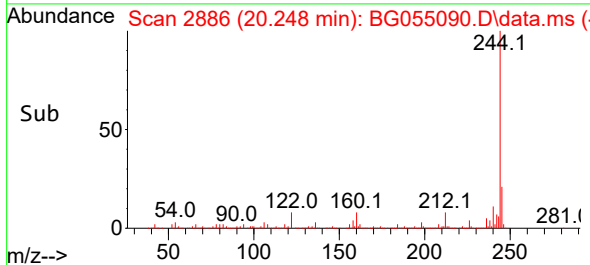
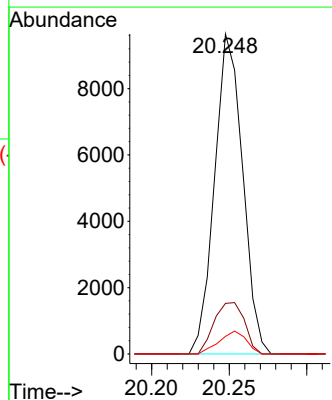
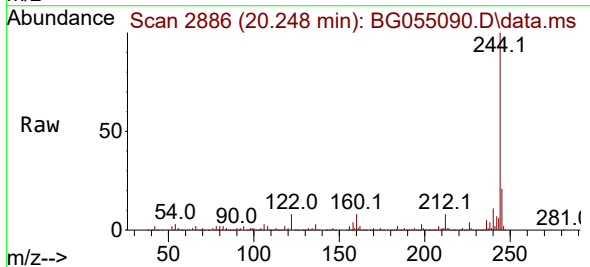
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

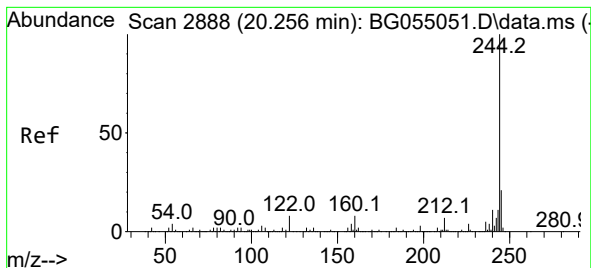
Tgt Ion:240 Resp: 214548
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 25.5 20.6 30.8



#77
Benzidine
Concen: 3.278 ng
RT: 20.248 min Scan# 2886
Delta R.T. 0.368 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

Tgt Ion:184 Resp: 12117
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.4
183 5.5 9.4 14.0#





#79

Terphenyl-d14

Concen: 74.612 ng

RT: 20.248 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG055090.D

Acq: 6 Oct 2022 20:24

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

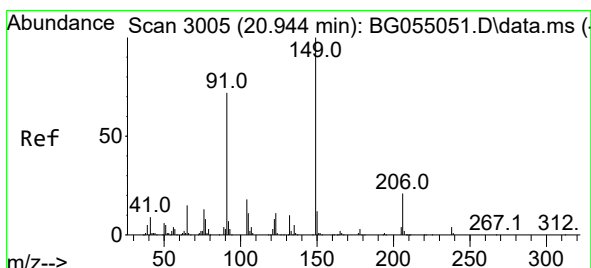
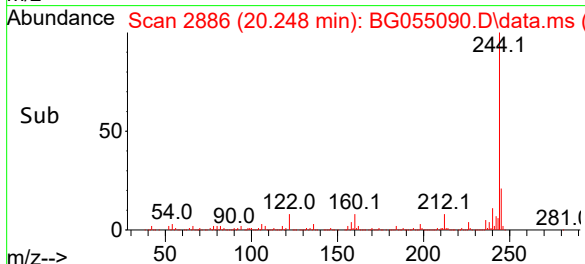
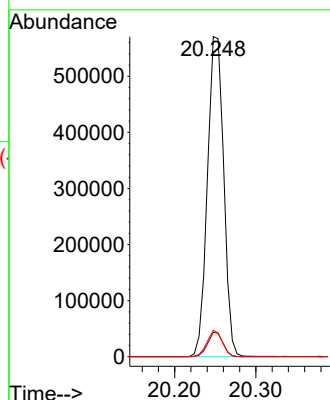
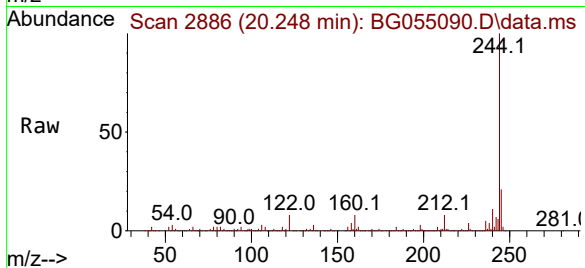
Tgt Ion:244 Resp: 792004

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 8.2 6.6 10.0



#80

Butylbenzylphthalate

Concen: 4.866 ng

RT: 20.929 min Scan# 3002

Delta R.T. -0.015 min

Lab File: BG055090.D

Acq: 6 Oct 2022 20:24

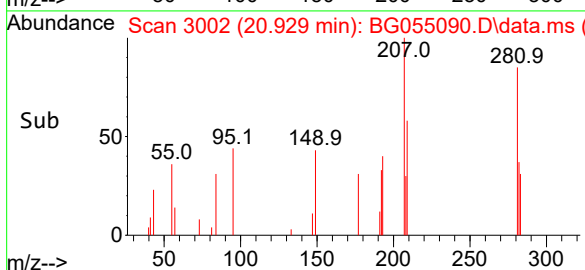
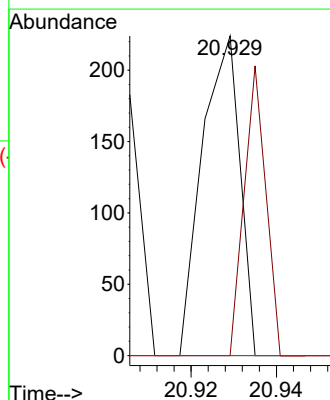
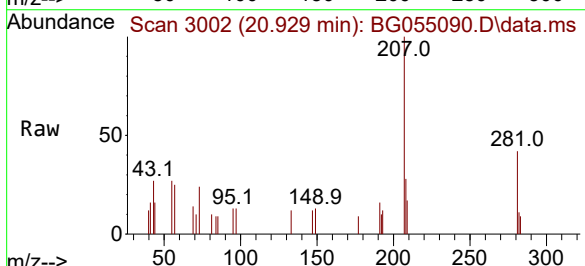
Tgt Ion:149 Resp: 137

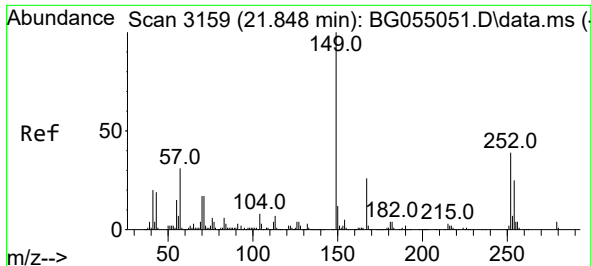
Ion Ratio Lower Upper

149 100

91 0.0 57.8 86.8#

206 0.0 16.9 25.3#

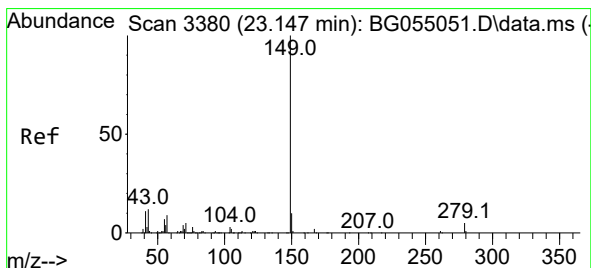
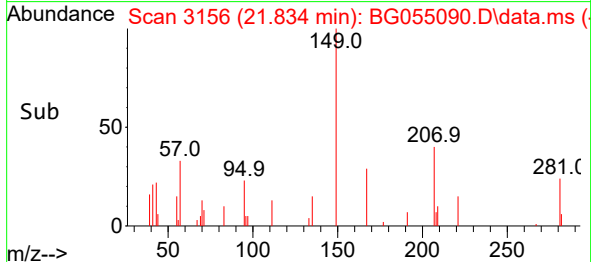
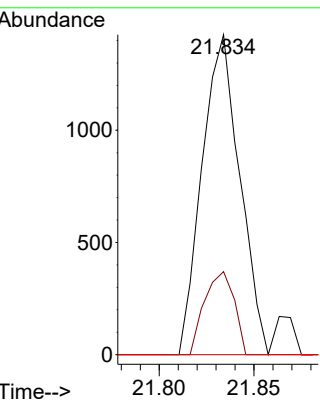
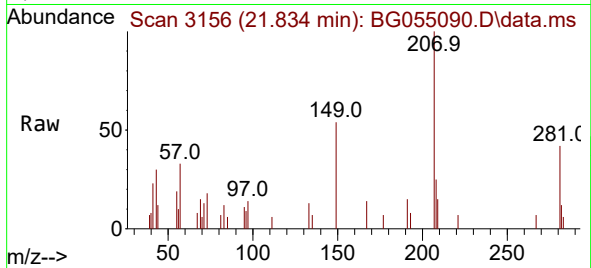




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.371 ng
RT: 21.834 min Scan# 3156
Delta R.T. -0.014 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

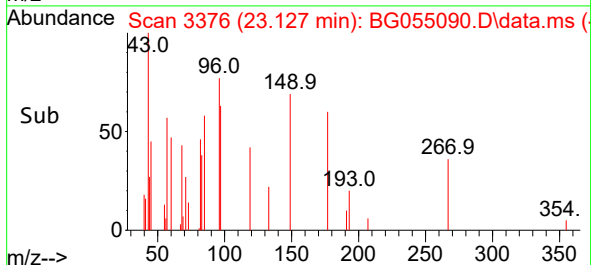
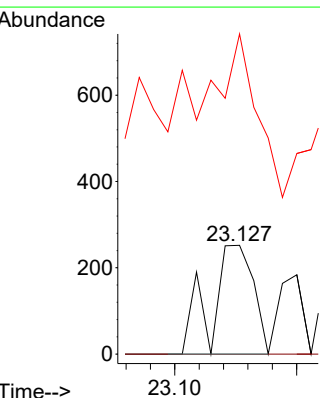
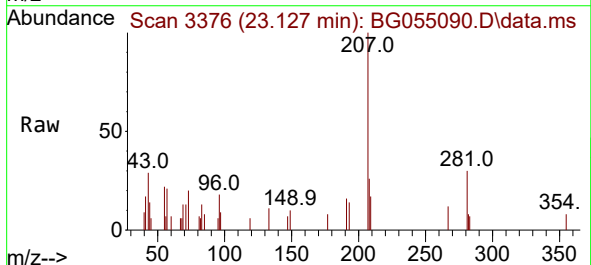
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

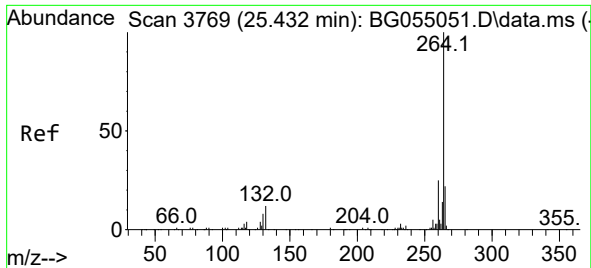
Tgt Ion:149 Resp: 1974
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 0.0 3.4 5.2#



#85
Di-n-octyl phthalate
Concen: 4.365 ng
RT: 23.127 min Scan# 3376
Delta R.T. -0.020 min
Lab File: BG055090.D
Acq: 6 Oct 2022 20:24

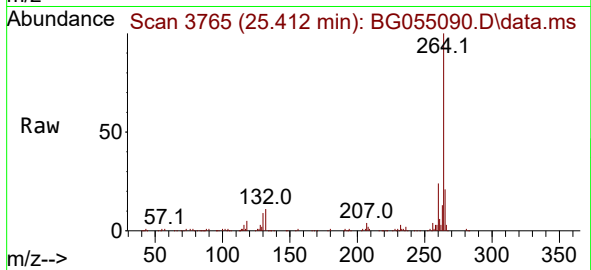
Tgt Ion:149 Resp: 304
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 142.4 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.412 min Scan# 31
 Delta R.T. -0.020 min
 Lab File: BG055090.D
 Acq: 6 Oct 2022 20:24

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0



Tgt Ion:264 Resp: 228505

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.2	17.8	26.6

