

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101022\
 Data File : BG055111.D
 Acq On : 10 Oct 2022 13:43
 Operator : CG/JU
 Sample : PB148187BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148187BL

Quant Time: Oct 11 04:03:15 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)

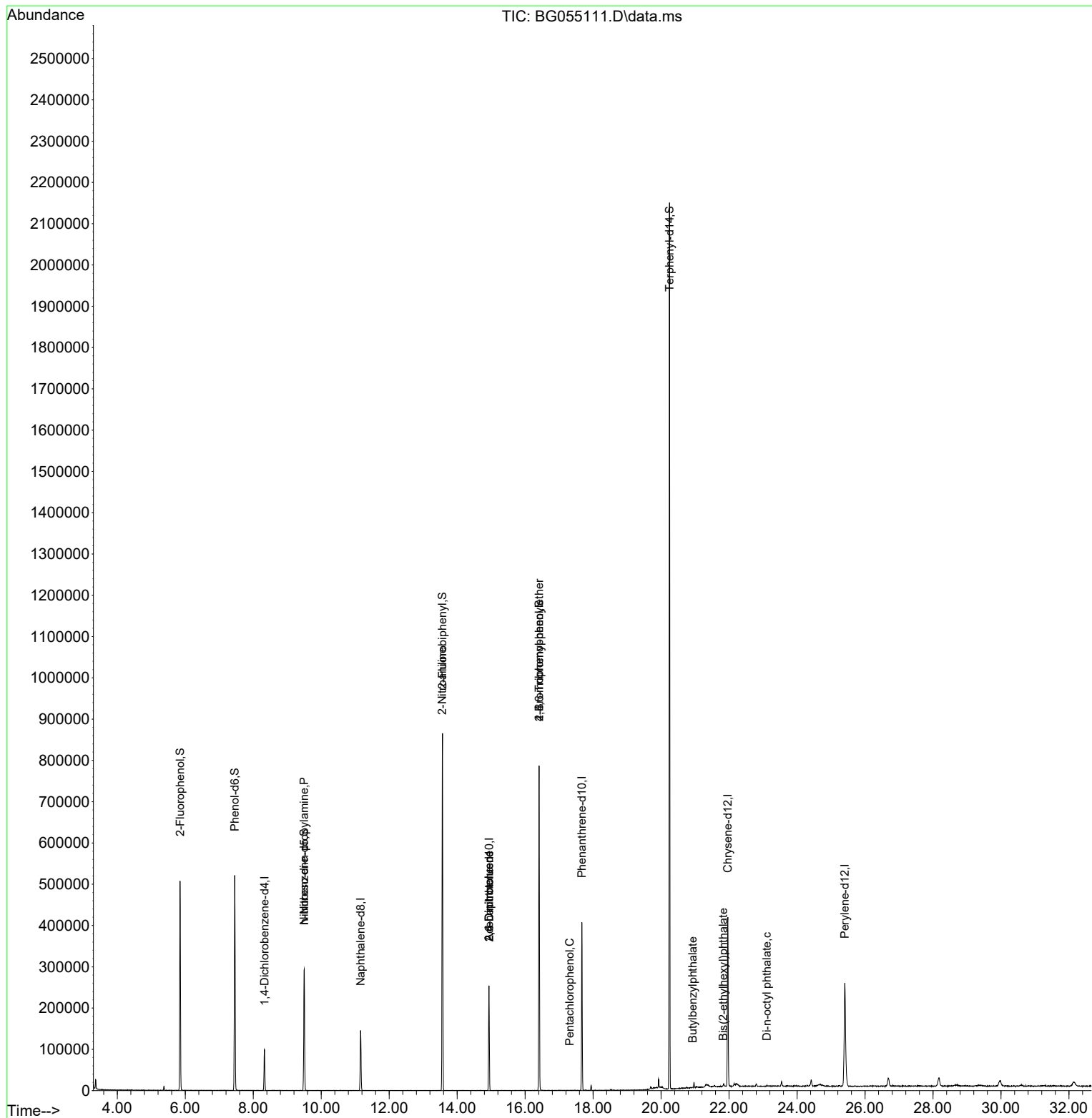
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	28033	20.000	ng	0.00
21) Naphthalene-d8	11.158	136	121071	20.000	ng	-0.01
39) Acenaphthene-d10	14.936	164	91763	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	253927	20.000	ng	0.00
76) Chrysene-d12	21.963	240	272180	20.000	ng	0.00
86) Perylene-d12	25.406	264	282299	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.847	112	208874	165.497	ng	0.00
7) Phenol-d6	7.457	99	276592	146.266	ng	0.00
23) Nitrobenzene-d5	9.502	82	172107	84.943	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	161088	167.045	ng	0.00
45) 2-Fluorobiphenyl	13.567	172	446985	76.044	ng	0.00
79) Terphenyl-d14	20.248	244	1084203	80.512	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.502	70	23870	13.031	ng	# 74
48) 2-Nitroaniline	13.562	65	811	4.602	ng	# 1
51) 2,6-Dinitrotoluene	14.936	165	12296	12.438	ng	# 14
57) 2,4-Dinitrotoluene	14.936	165	12296	10.134	ng	# 16
67) 4-Bromophenyl-phenylether	16.411	248	10047	3.741	ng	# 1
70) Pentachlorophenol	17.310	266	120	6.388	ng	# 18
80) Butylbenzylphthalate	20.929	149	505	4.919	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.828	149	723	4.179	ng	# 94
85) Di-n-octyl phthalate	23.115	149	817	4.393	ng	# 71

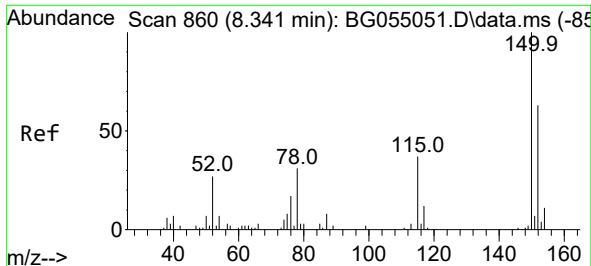
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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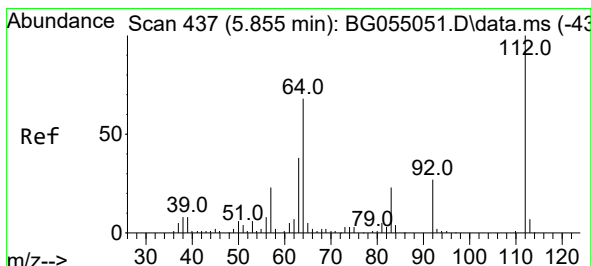
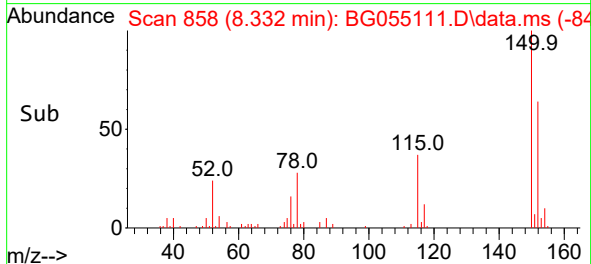
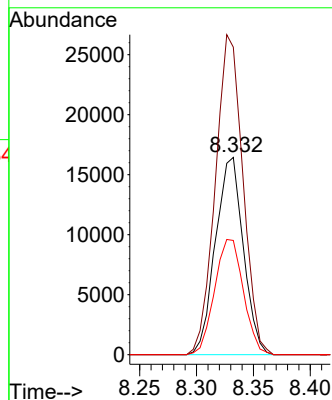
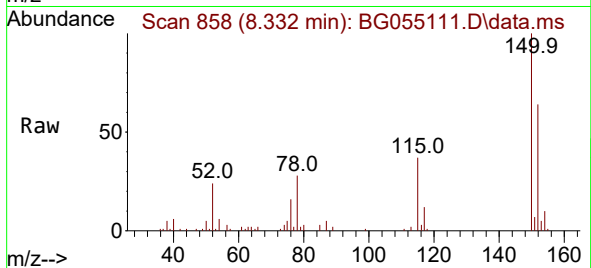




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.332 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

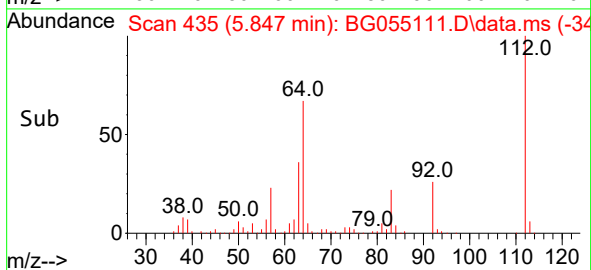
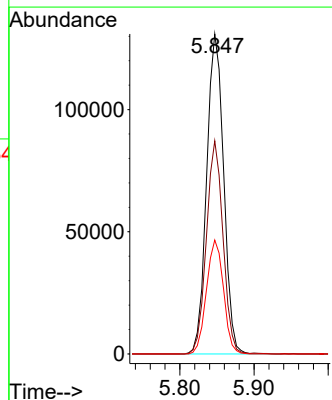
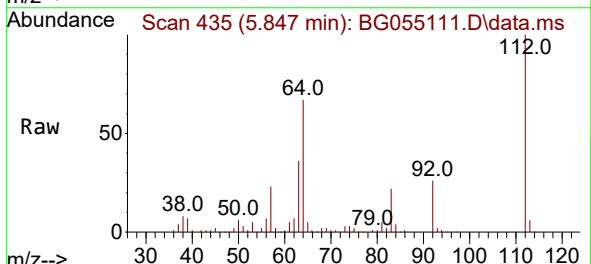
Instrument :
BNA_G
ClientSampleId :
PB148187BL

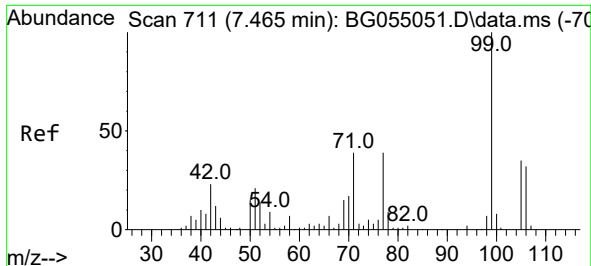
Tgt Ion:152 Resp: 28033
Ion Ratio Lower Upper
152 100
150 155.8 128.0 192.0
115 57.9 47.7 71.5



#5
2-Fluorophenol
Concen: 165.497 ng
RT: 5.847 min Scan# 435
Delta R.T. -0.005 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

Tgt Ion:112 Resp: 208874
Ion Ratio Lower Upper
112 100
64 66.6 54.5 81.7
63 35.6 30.5 45.7

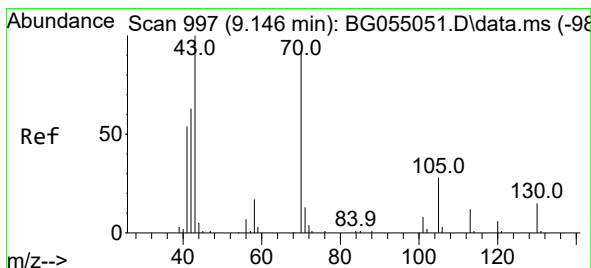
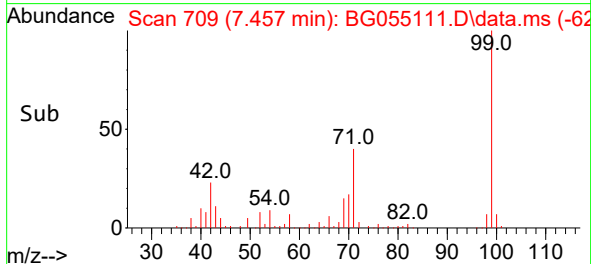
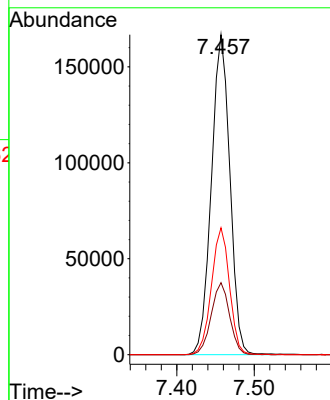
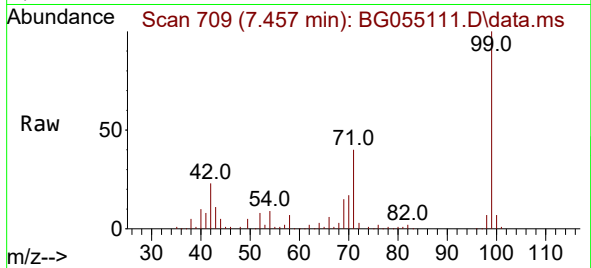




#7
Phenol-d6
Concen: 146.266 ng
RT: 7.457 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

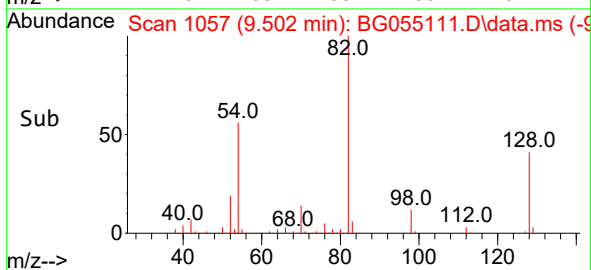
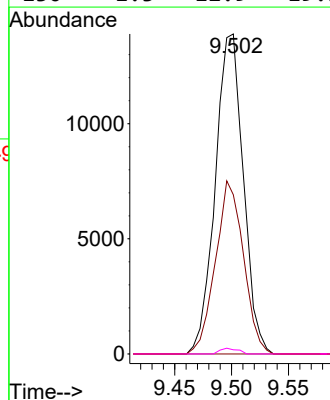
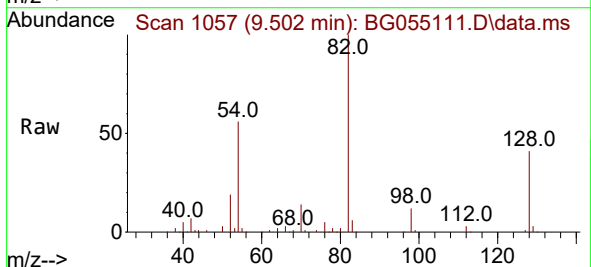
Instrument :
BNA_G
ClientSampleId :
PB148187BL

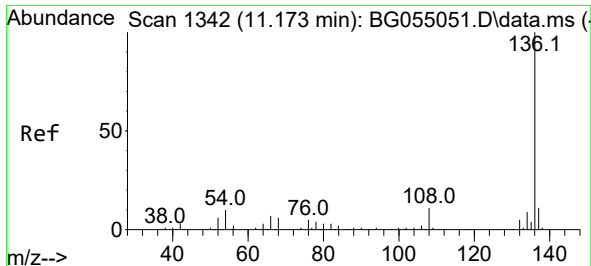
Tgt Ion: 99 Resp: 276592
Ion Ratio Lower Upper
99 100
42 22.5 18.6 28.0
71 39.7 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.031 ng
RT: 9.502 min Scan# 1057
Delta R.T. 0.365 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

Tgt Ion: 70 Resp: 23870
Ion Ratio Lower Upper
70 100
42 49.7 55.8 83.6#
101 0.0 7.1 10.7#
130 1.3 12.9 19.3#

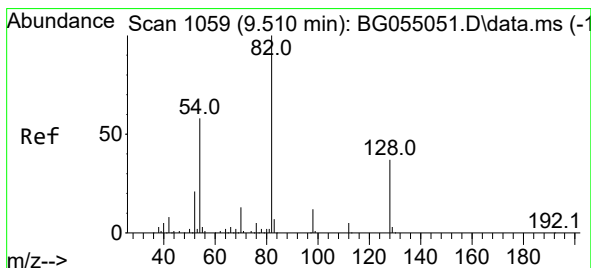
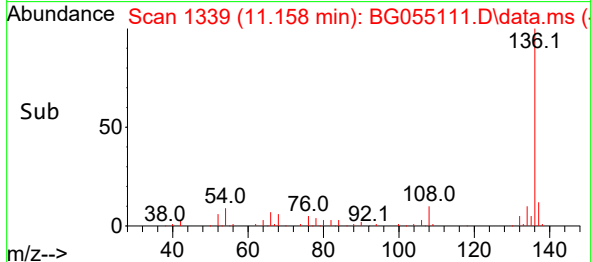
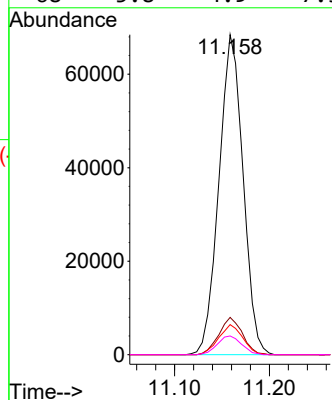
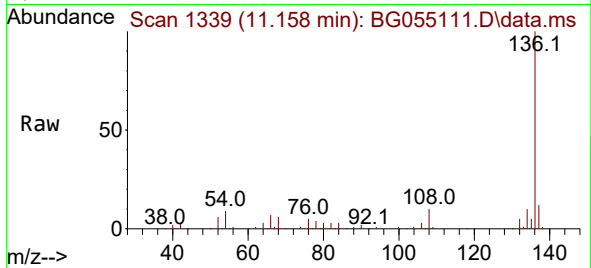




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.158 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

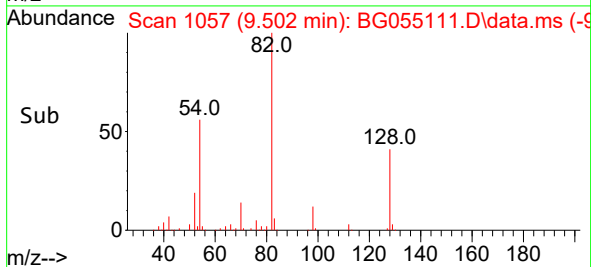
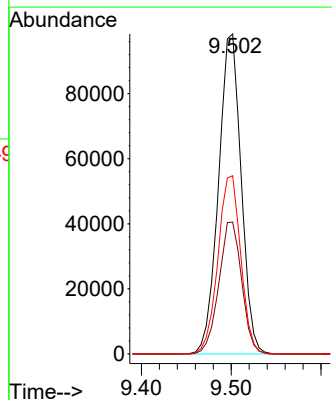
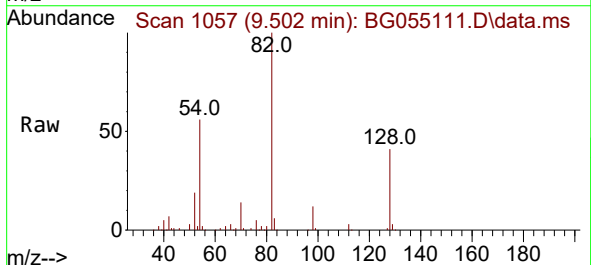
Instrument :
BNA_G
ClientSampleId :
PB148187BL

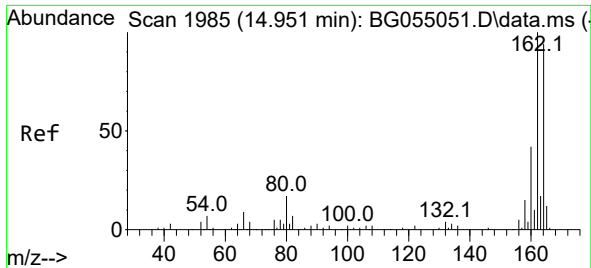
Tgt Ion:	136	Resp:	121071
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.7	13.1
54	9.4	8.2	12.4
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.943 ng
RT: 9.502 min Scan# 1057
Delta R.T. -0.005 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

Tgt Ion:	82	Resp:	172107
Ion	Ratio	Lower	Upper
82	100		
128	41.2	29.5	44.3
54	55.7	46.7	70.1

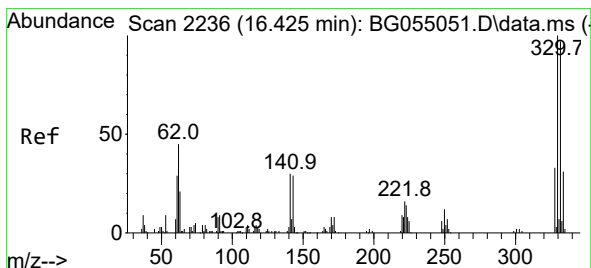
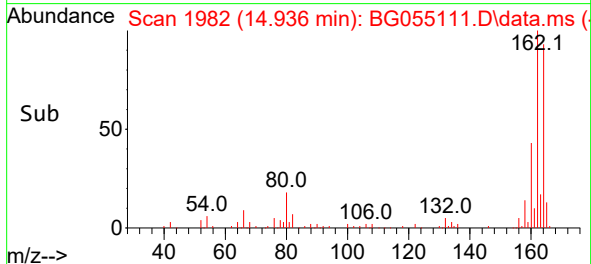
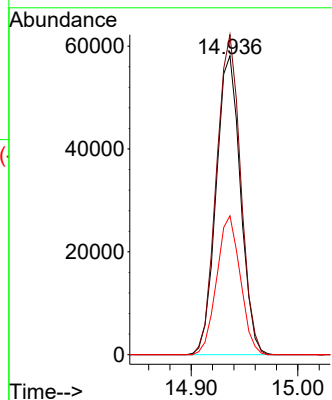
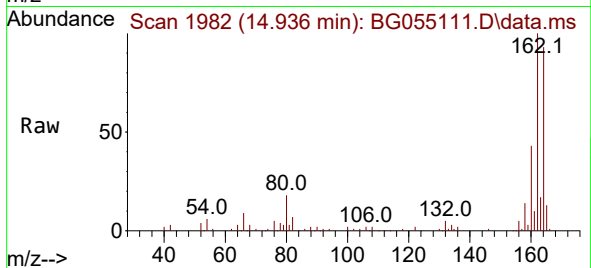




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.936 min Scan# 1982
Delta R.T. -0.005 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

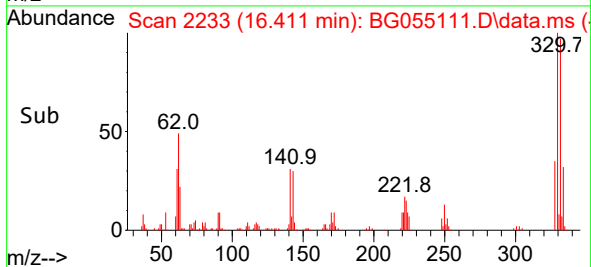
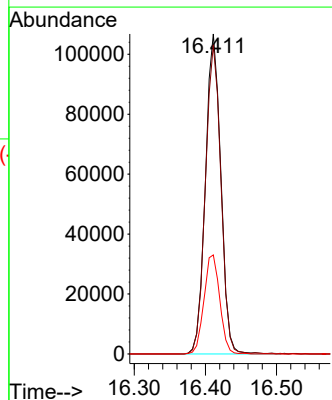
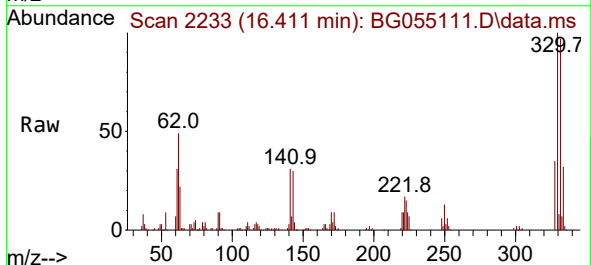
Instrument :
BNA_G
ClientSampleId :
PB148187BL

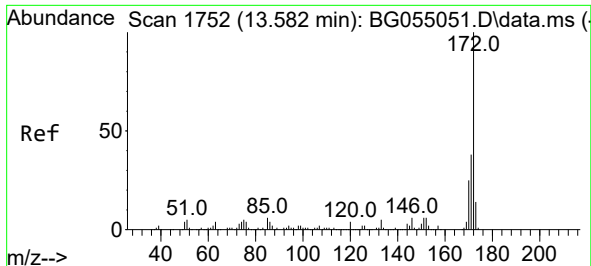
Tgt Ion:164 Resp: 91763
Ion Ratio Lower Upper
164 100
162 107.1 85.5 128.3
160 46.5 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 167.045 ng
RT: 16.411 min Scan# 2233
Delta R.T. -0.005 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

Tgt Ion:330 Resp: 161088
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 31.7 25.0 37.4

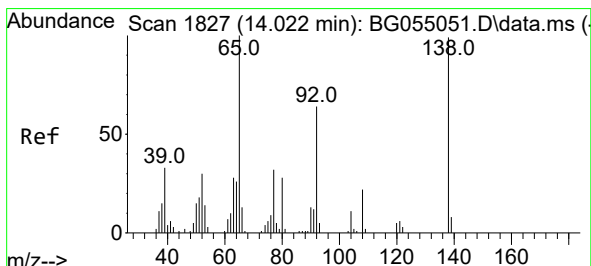
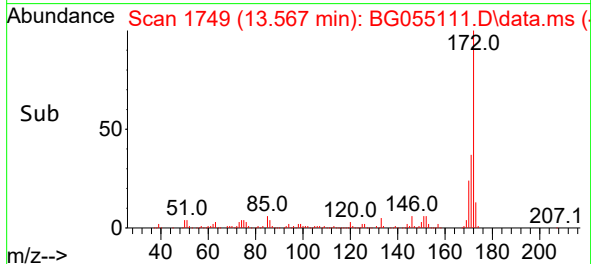
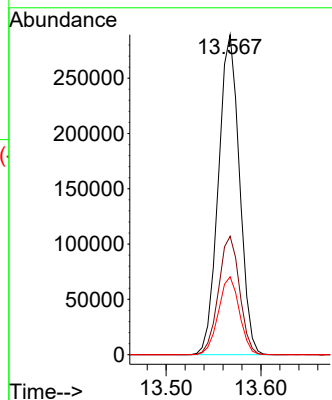
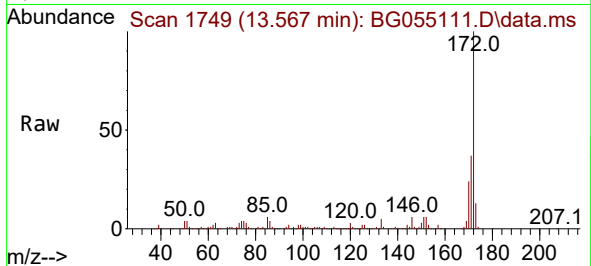




#45
2-Fluorobiphenyl
Concen: 76.044 ng
RT: 13.567 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

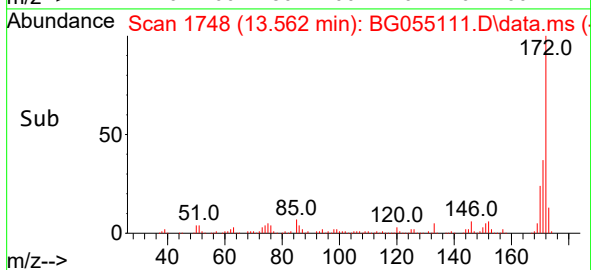
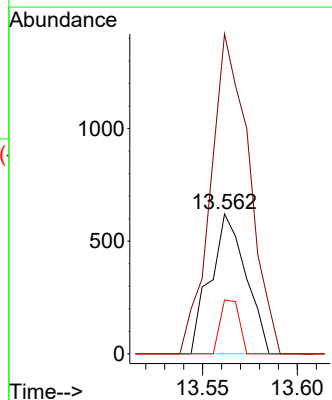
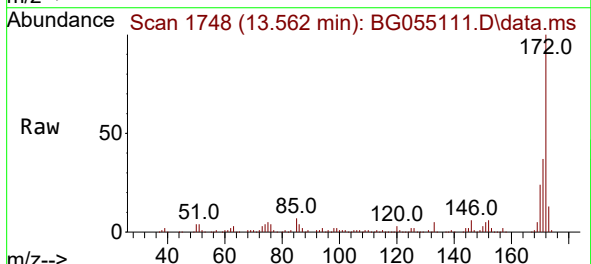
Instrument :
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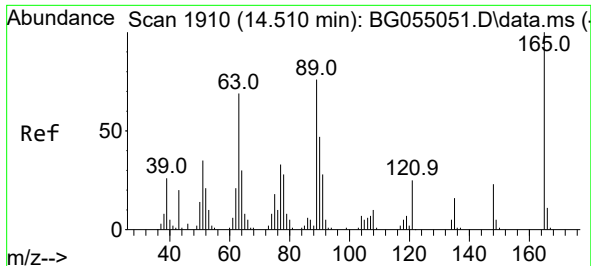
Tgt Ion:172 Resp: 446985
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 24.4 20.0 30.0



#48
2-Nitroaniline
Concen: 4.602 ng
RT: 13.562 min Scan# 1748
Delta R.T. -0.458 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

Tgt Ion: 65 Resp: 811
Ion Ratio Lower Upper
65 100
92 228.7 50.9 76.3#
138 38.5 79.5 119.3#

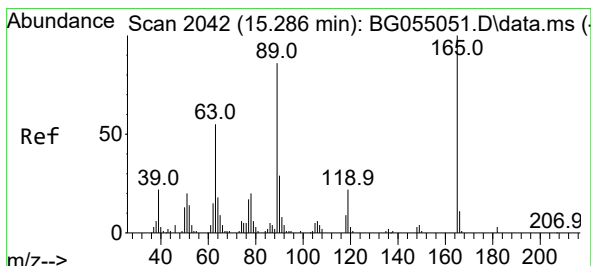
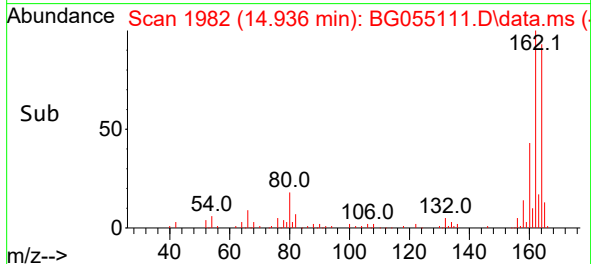
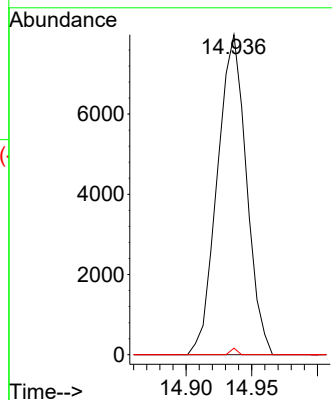
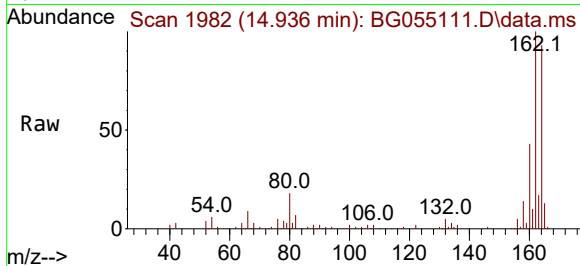




#51
2,6-Dinitrotoluene
Concen: 12.438 ng
RT: 14.936 min Scan# 1910
Delta R.T. 0.429 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

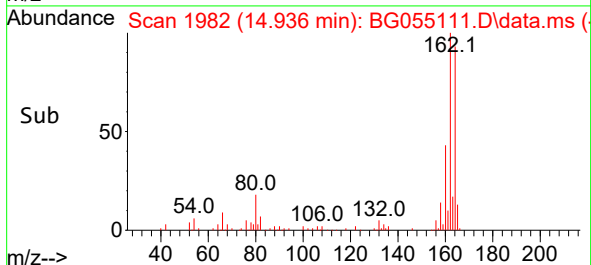
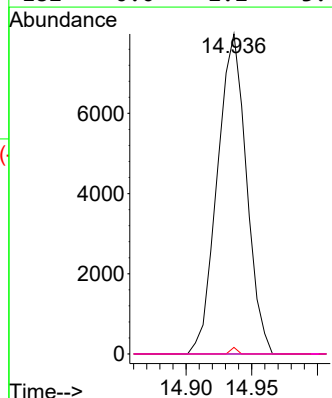
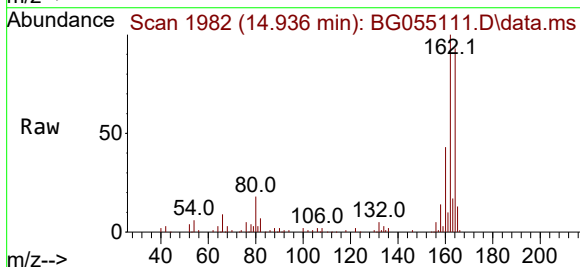
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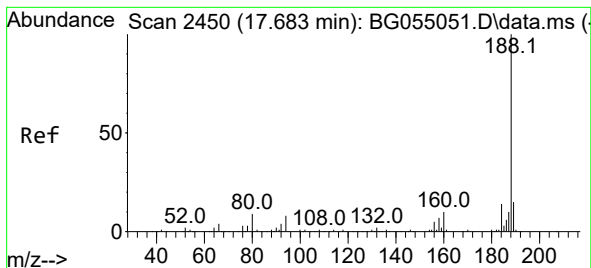
Tgt Ion:165 Resp: 12296
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 2.1 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.134 ng
RT: 14.936 min Scan# 1982
Delta R.T. -0.346 min
Lab File: BG055111.D
Acq: 10 Oct 2022 13:43

Tgt Ion:165 Resp: 12296
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.1 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. -0.005 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

Instrument :

BNA_G

ClientSampleId :

PB148187BL

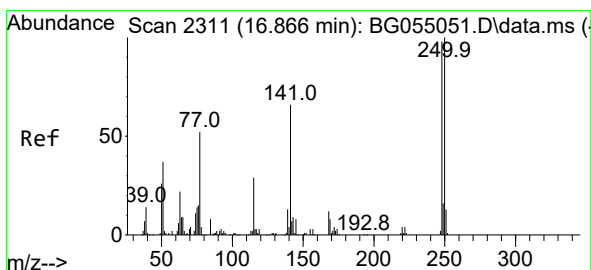
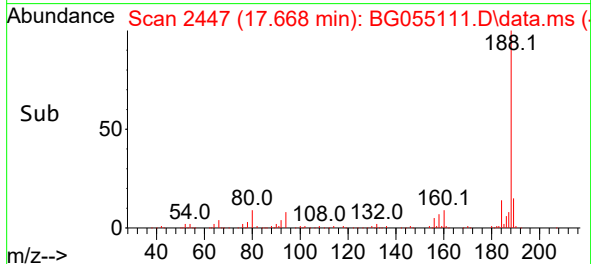
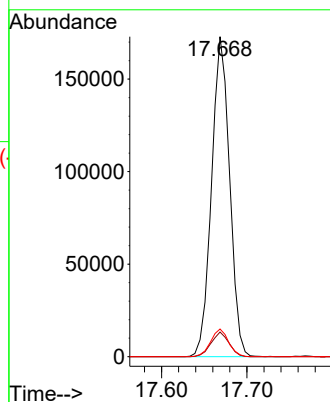
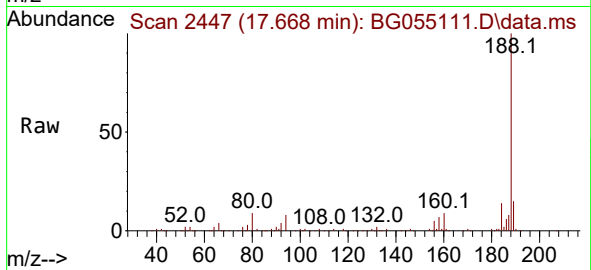
Tgt Ion:188 Resp: 253927

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.2

80 8.6 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.741 ng

RT: 16.411 min Scan# 2233

Delta R.T. -0.446 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

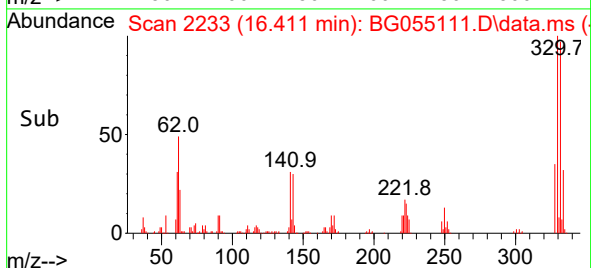
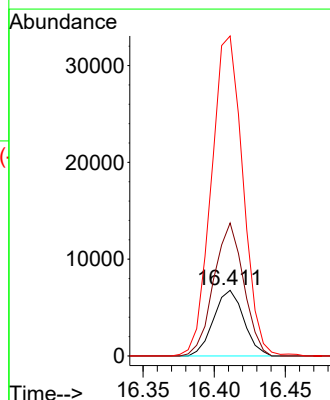
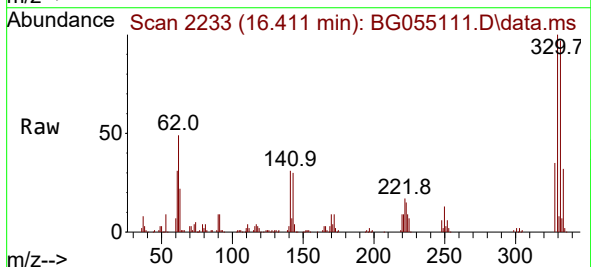
Tgt Ion:248 Resp: 10047

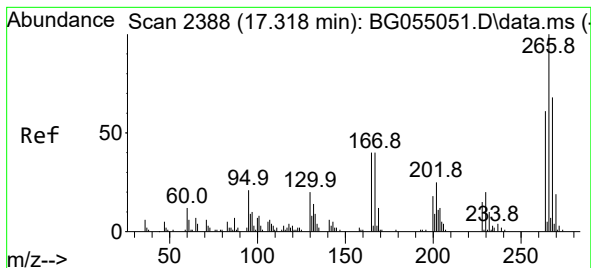
Ion Ratio Lower Upper

248 100

250 202.6 81.7 122.5#

141 487.4 53.7 80.5#





#70

Pentachlorophenol

Concen: 6.388 ng

RT: 17.310 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055111.D

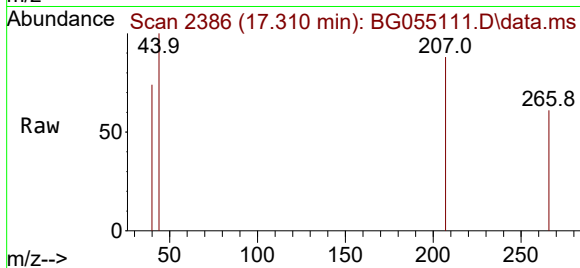
Acq: 10 Oct 2022 13:43

Instrument :

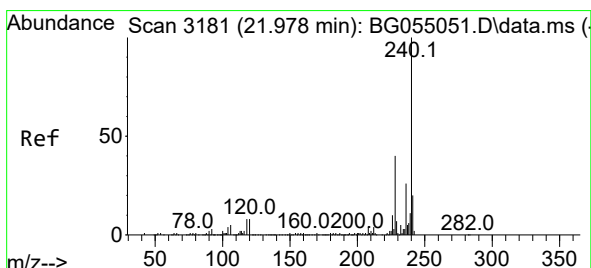
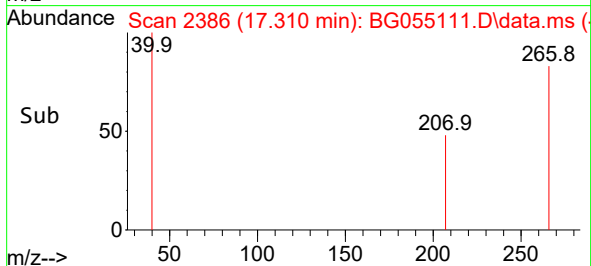
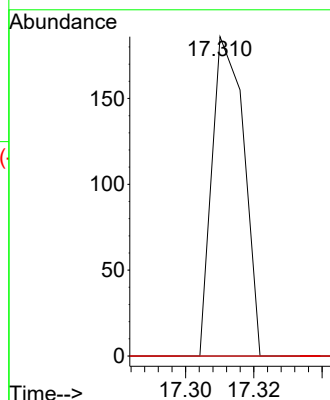
BNA_G

ClientSampleId :

PB148187BL



Tgt Ion:	266	Resp:	120
Ion Ratio	Lower	Upper	
266	100		
268	0.0	54.0	81.0#
264	0.0	48.6	73.0#



#76

Chrysene-d12

Concen: 20.000 ng

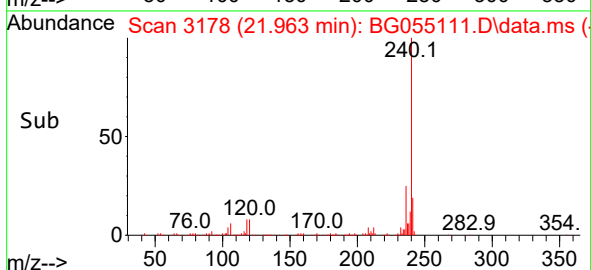
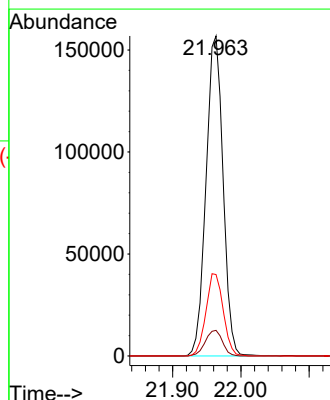
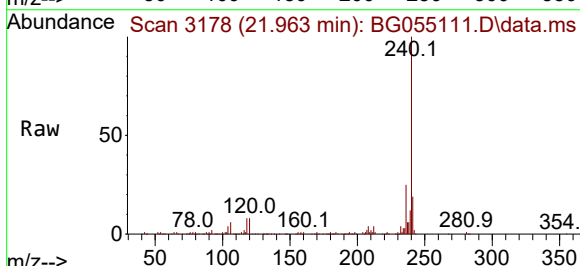
RT: 21.963 min Scan# 3178

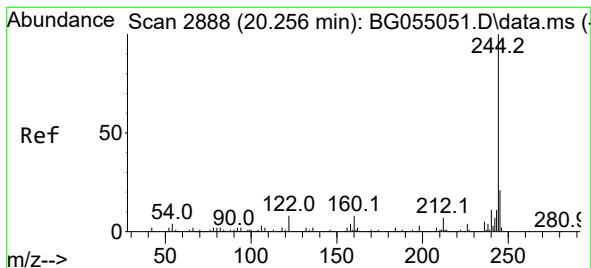
Delta R.T. -0.005 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

Tgt Ion:	240	Resp:	272180
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.2	9.4
236	25.4	20.6	30.8





#79

Terphenyl-d14

Concen: 80.512 ng

RT: 20.248 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

Instrument :

BNA_G

ClientSampleId :

PB148187BL

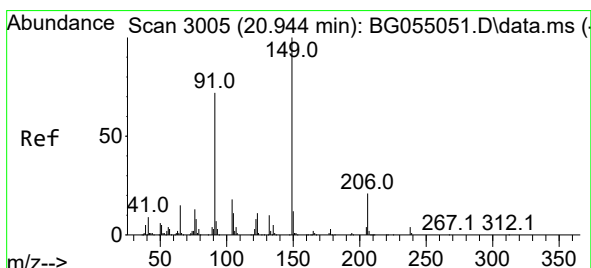
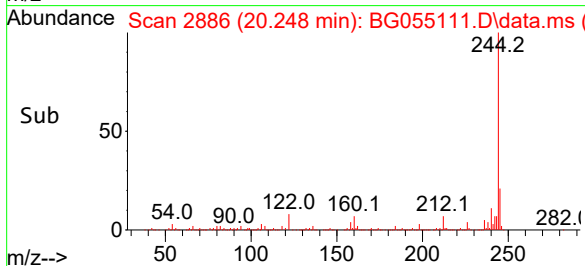
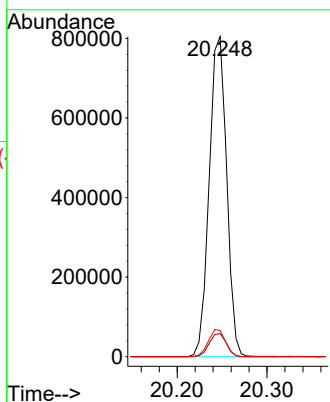
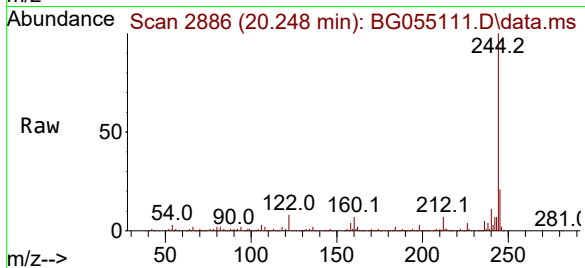
Tgt Ion:244 Resp: 1084203

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.2 6.6 10.0



#80

Butylbenzylphthalate

Concen: 4.919 ng

RT: 20.929 min Scan# 3002

Delta R.T. -0.005 min

Lab File: BG055111.D

Acq: 10 Oct 2022 13:43

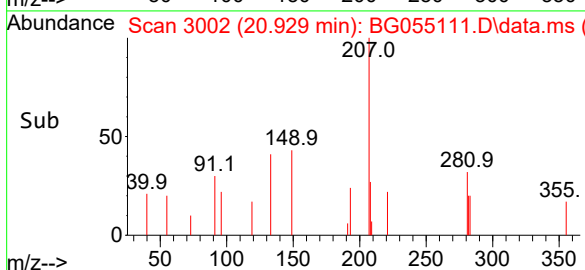
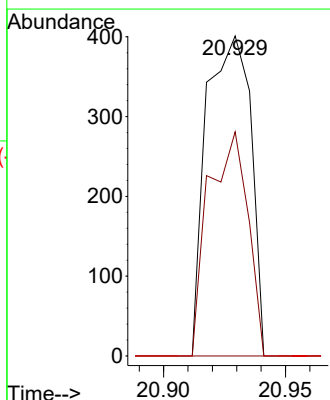
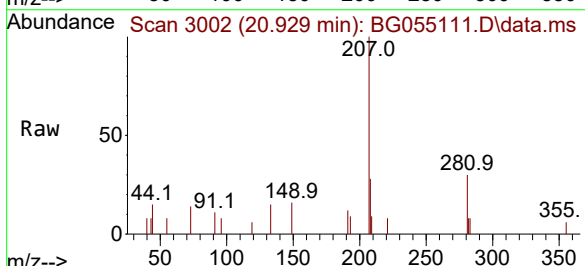
Tgt Ion:149 Resp: 505

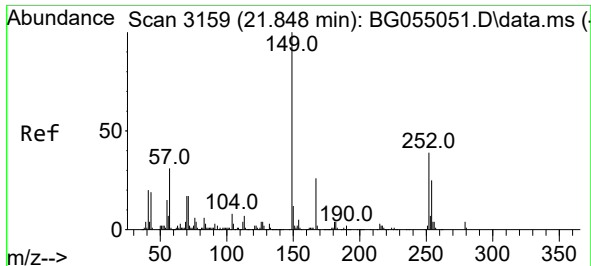
Ion Ratio Lower Upper

149 100

91 70.1 57.8 86.8

206 0.0 16.9 25.3#

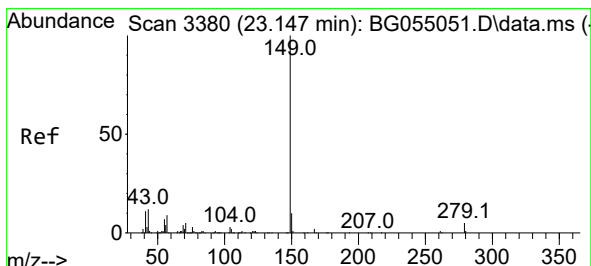
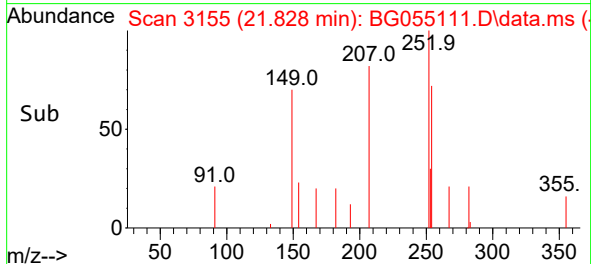
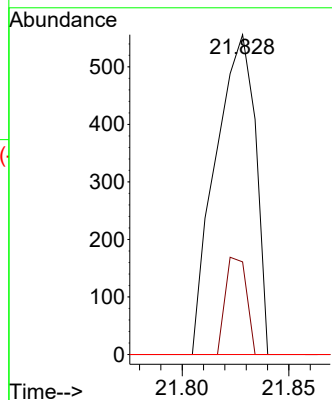
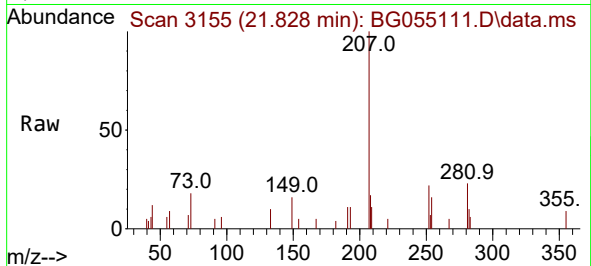




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.179 ng
 RT: 21.828 min Scan# 3155
 Delta R.T. -0.005 min
 Lab File: BG055111.D
 Acq: 10 Oct 2022 13:43

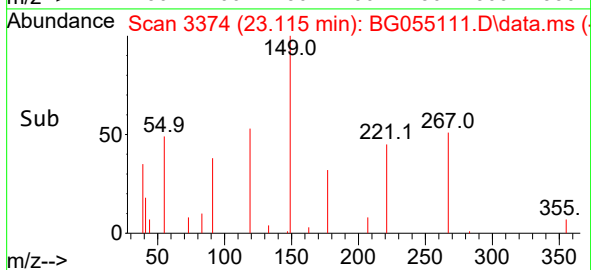
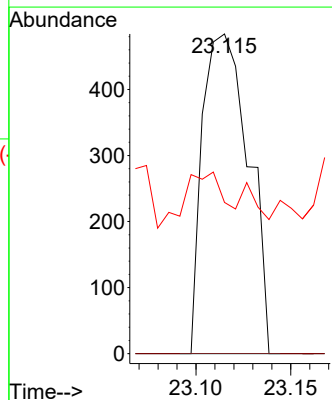
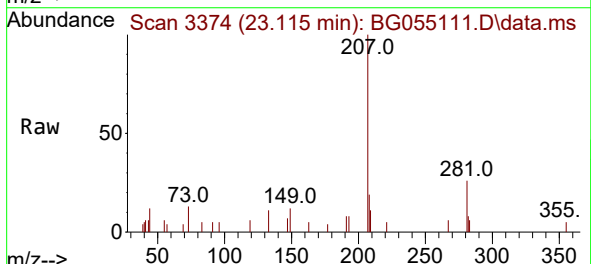
Instrument :
 BNA_G
 ClientSampleId :
 PB148187BL

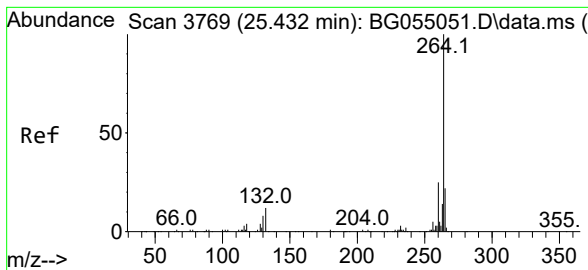
Tgt Ion:149 Resp: 723
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.0 31.4
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.393 ng
 RT: 23.115 min Scan# 3374
 Delta R.T. -0.011 min
 Lab File: BG055111.D
 Acq: 10 Oct 2022 13:43

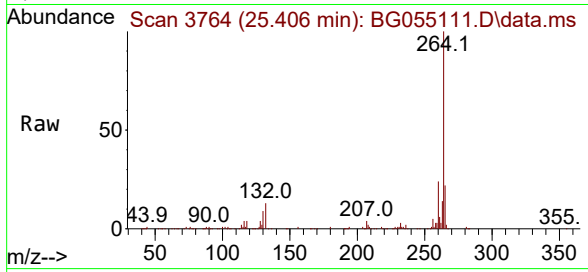
Tgt Ion:149 Resp: 817
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 10.2 15.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.406 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG055111.D
 Acq: 10 Oct 2022 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB148187BL



Tgt Ion:264 Resp: 282299

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.1	17.8	26.6

