

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055543.D
 Acq On : 10 Nov 2022 17:25
 Operator : CG/JU
 Sample : PB148969BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148969BL

Quant Time: Nov 11 02:01:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

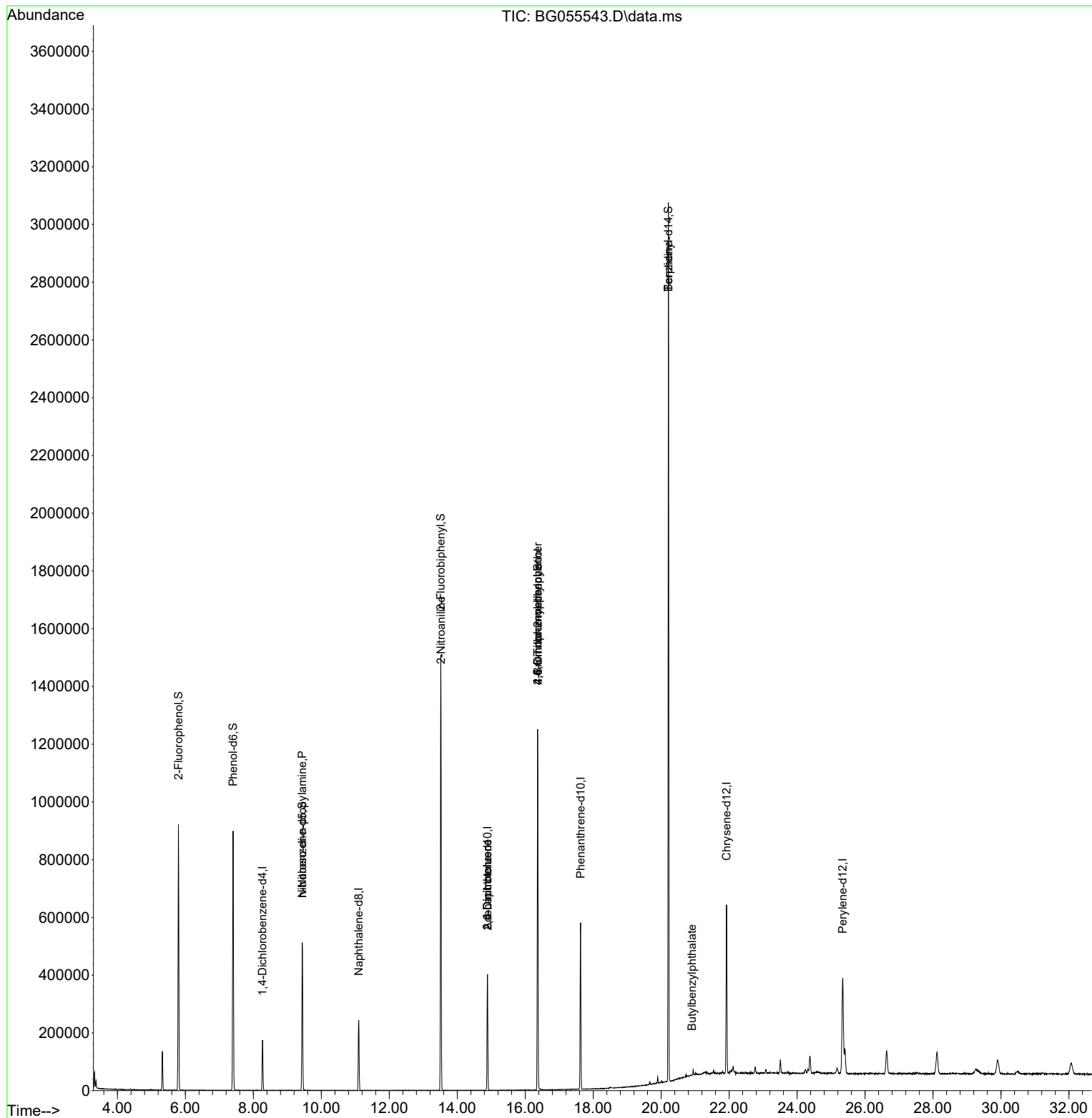
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	50252	20.000	ng	0.00
21) Naphthalene-d8	11.101	136	202113	20.000	ng	# 0.00
39) Acenaphthene-d10	14.891	164	149303	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	371433	20.000	ng	0.00
76) Chrysene-d12	21.924	240	363050	20.000	ng	0.00
86) Perylene-d12	25.343	264	372579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	376698	142.782	ng	0.00
7) Phenol-d6	7.406	99	493056	135.294	ng	0.00
23) Nitrobenzene-d5	9.439	82	293783	98.539	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	241216	165.584	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	759983	76.780	ng	0.00
79) Terphenyl-d14	20.214	244	1427241	78.961	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	38843	12.897	ng	# 80
48) 2-Nitroaniline	13.522	65	1289	4.333	ng	# 1
51) 2,6-Dinitrotoluene	14.891	165	19169	12.133	ng	# 22
57) 2,4-Dinitrotoluene	14.891	165	19169	10.350	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.366	198	599	2.561	ng	# 1
67) 4-Bromophenyl-phenylether	16.366	248	15507	4.092	ng	# 1
77) Benzidine	20.214	184	24659	2.511	ng	# 90
80) Butylbenzylphthalate	20.908	149	959	3.460	ng	# 22

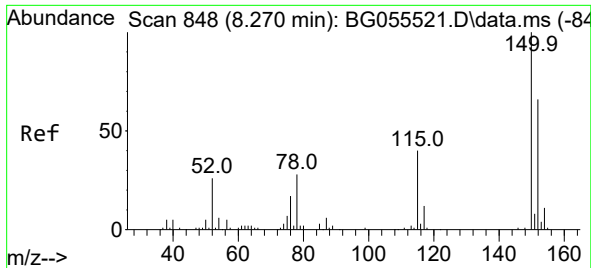
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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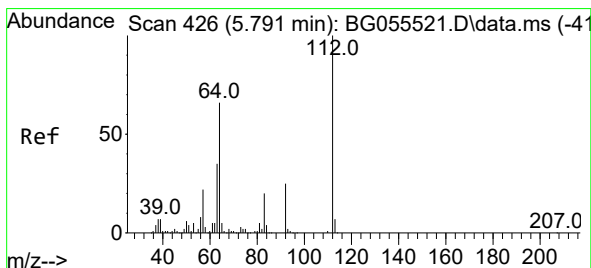
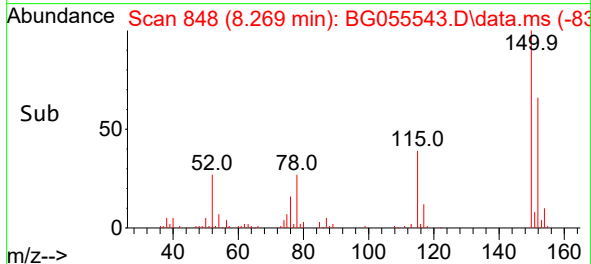
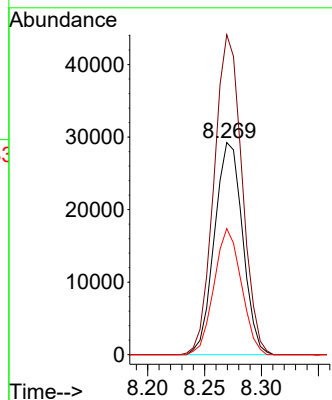
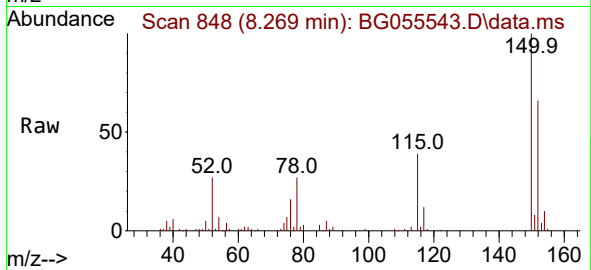




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.269 min Scan# 84
 Delta R.T. -0.001 min
 Lab File: BG055543.D
 Acq: 10 Nov 2022 17:25

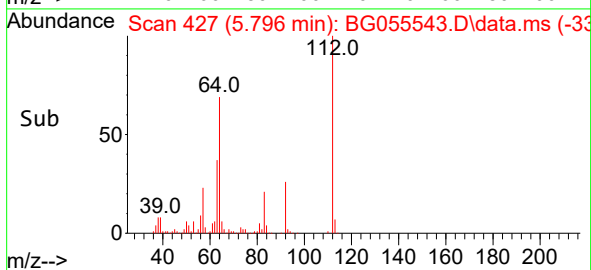
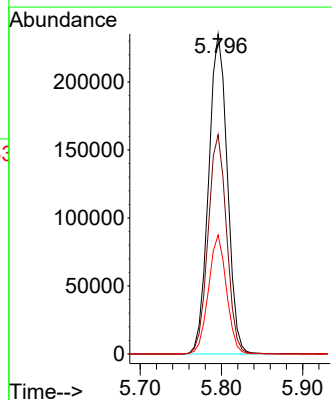
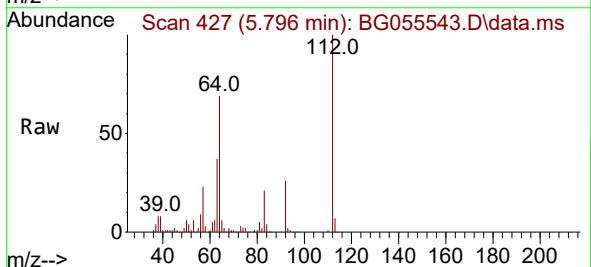
Instrument :
 BNA_G
 ClientSampleId :
 PB148969BL

Tgt Ion:152 Resp: 50252
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.0 181.4
 115 59.5 47.8 71.8



#5
 2-Fluorophenol
 Concen: 142.782 ng
 RT: 5.796 min Scan# 427
 Delta R.T. 0.005 min
 Lab File: BG055543.D
 Acq: 10 Nov 2022 17:25

Tgt Ion:112 Resp: 376698
 Ion Ratio Lower Upper
 112 100
 64 68.5 52.6 78.8
 63 37.2 28.3 42.5

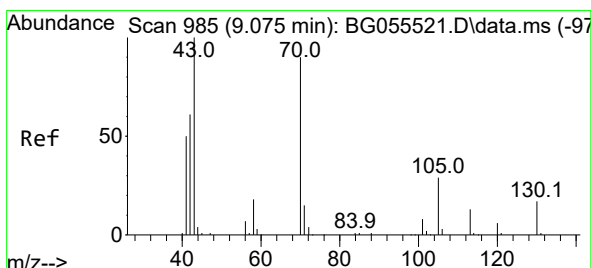
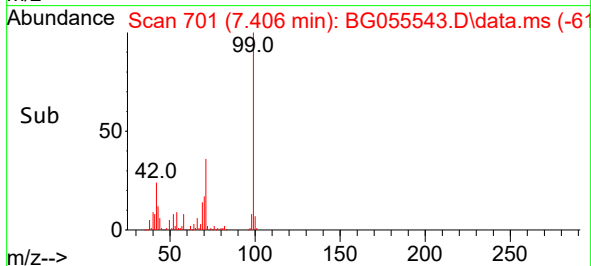
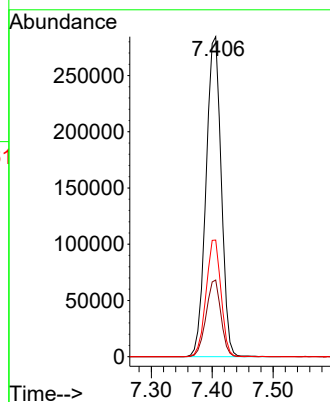
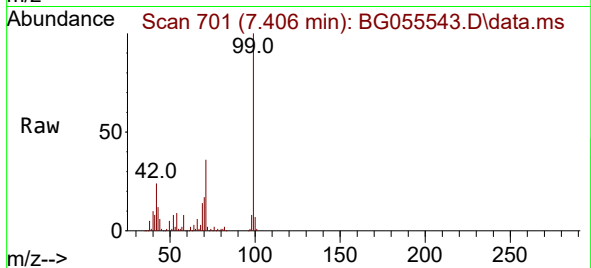




#7
Phenol-d6
Concen: 135.294 ng
RT: 7.406 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

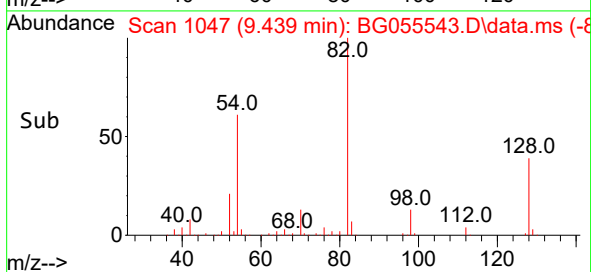
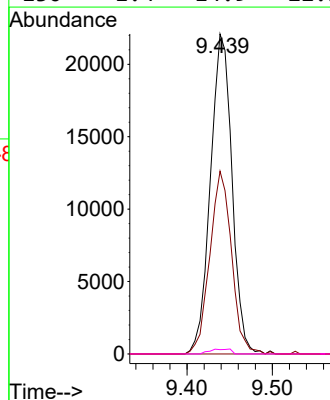
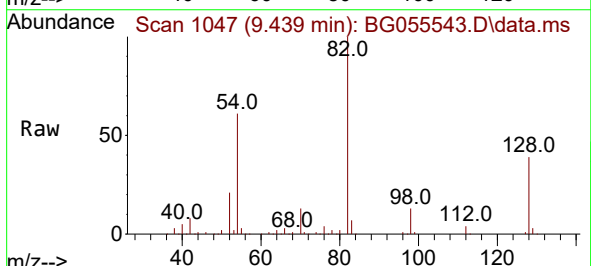
Instrument :
BNA_G
ClientSampleId :
PB148969BL

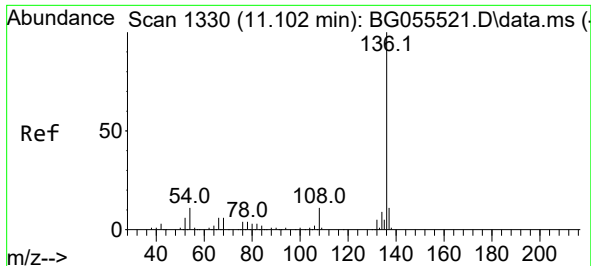
Tgt Ion: 99 Resp: 493056
Ion Ratio Lower Upper
99 100
42 24.0 17.5 26.3
71 36.5 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.897 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

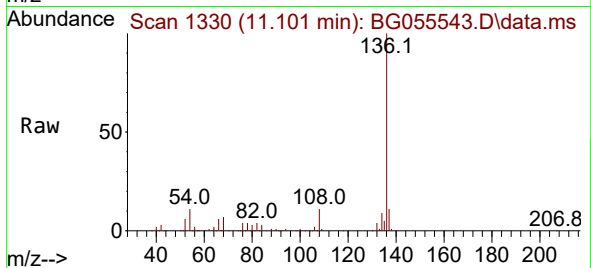
Tgt Ion: 70 Resp: 38843
Ion Ratio Lower Upper
70 100
42 57.1 54.8 82.2
101 0.0 6.8 10.2#
130 1.4 14.9 22.3#



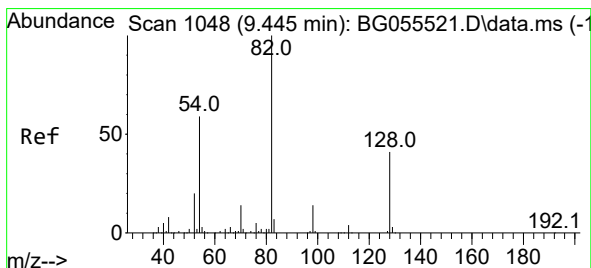
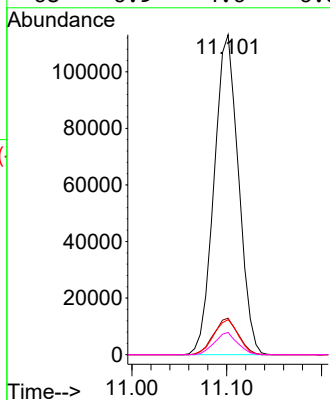
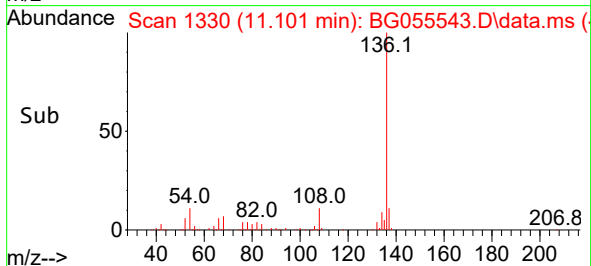


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.101 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

Instrument :
BNA_G
ClientSampleId :
PB148969BL

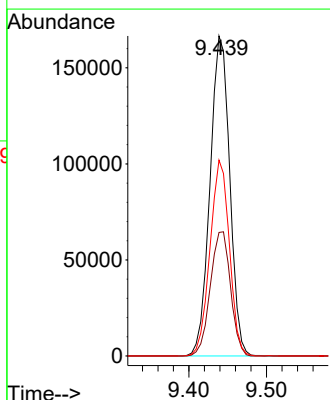
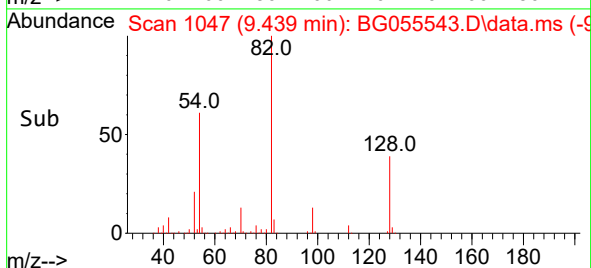
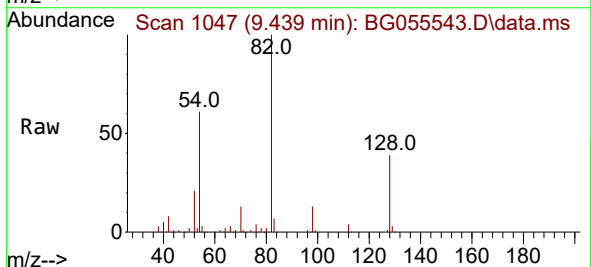


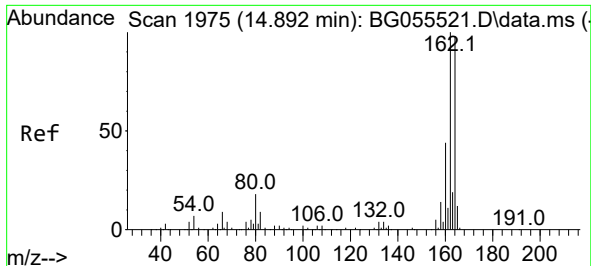
Tgt Ion:136 Resp: 202113
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.9 8.6 12.8
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 98.539 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

Tgt Ion: 82 Resp: 293783
Ion Ratio Lower Upper
82 100
128 38.6 32.6 49.0
54 61.2 47.3 70.9

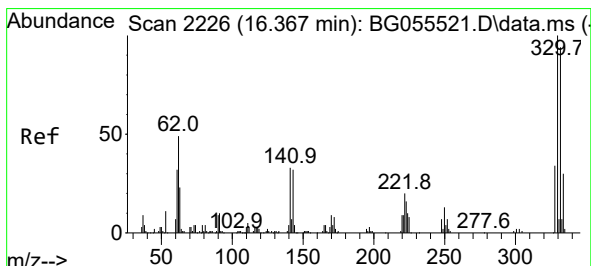
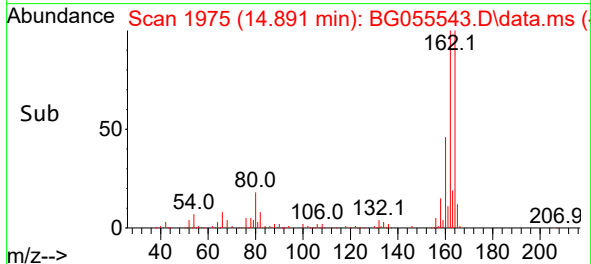
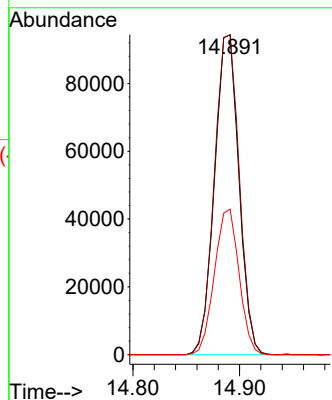
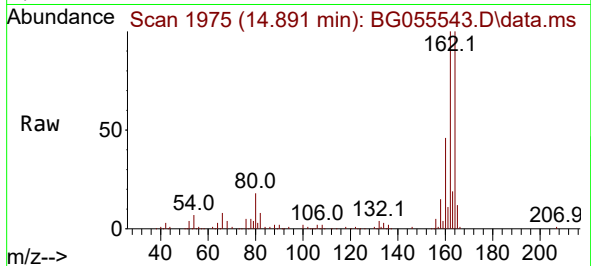




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.891 min Scan# 14891
Delta R.T. -0.001 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

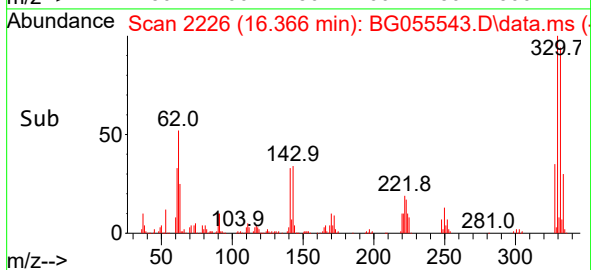
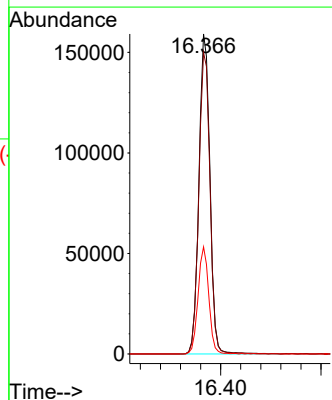
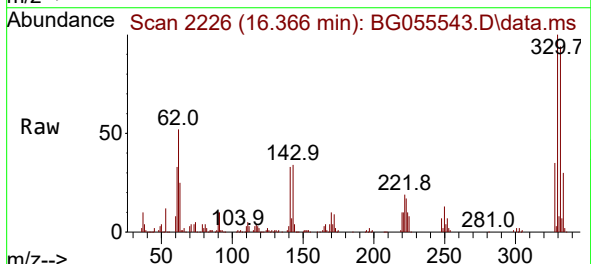
Instrument :
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ClientSampleId :
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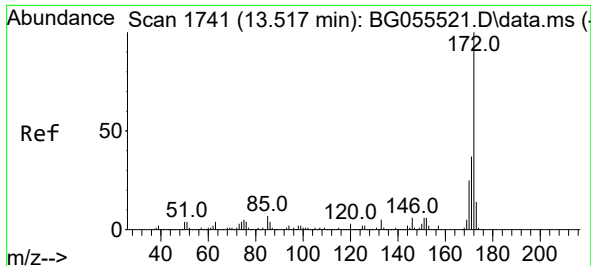
Tgt Ion:164 Resp: 149303
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 165.584 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

Tgt Ion:330 Resp: 241216
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.2
141 32.6 25.4 38.2

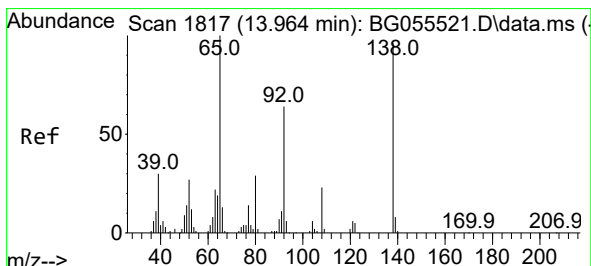
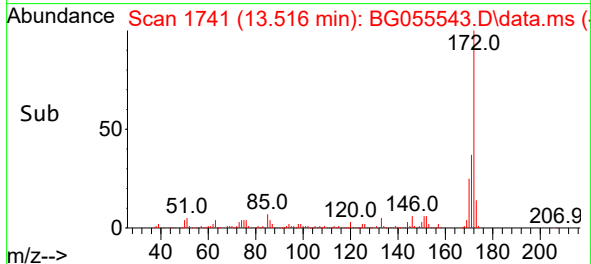
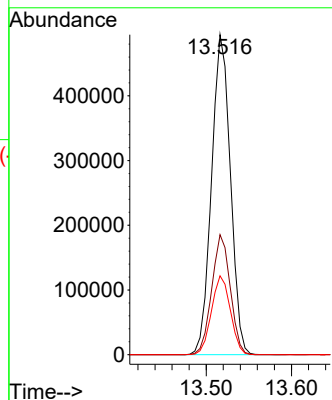
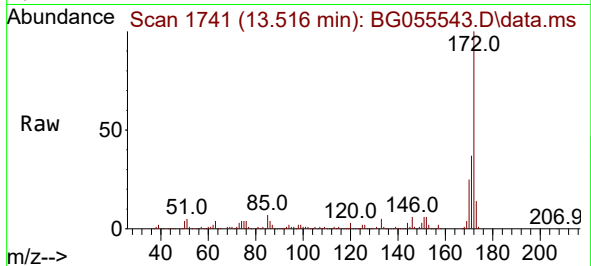




#45
2-Fluorobiphenyl
Concen: 76.780 ng
RT: 13.516 min Scan# 1741
Delta R.T. -0.001 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

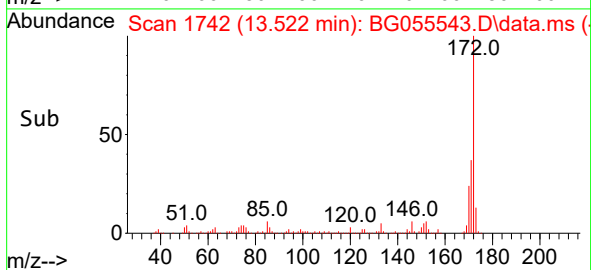
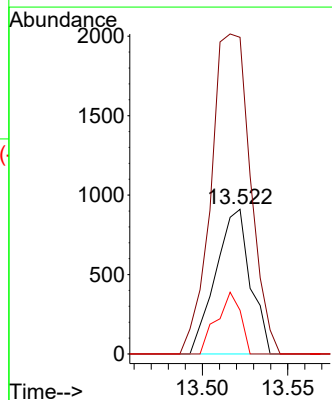
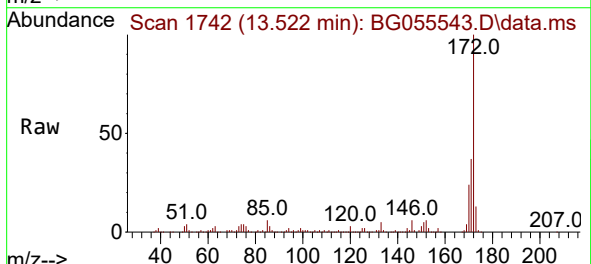
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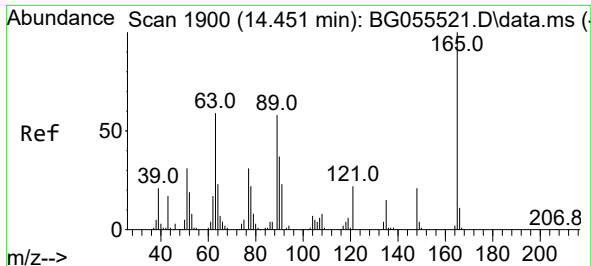
Tgt Ion:172 Resp: 759983
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.7 19.8 29.6



#48
2-Nitroaniline
Concen: 4.333 ng
RT: 13.522 min Scan# 1742
Delta R.T. -0.442 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

Tgt Ion: 65 Resp: 1289
Ion Ratio Lower Upper
65 100
92 218.8 51.6 77.4#
138 30.2 77.0 115.4#

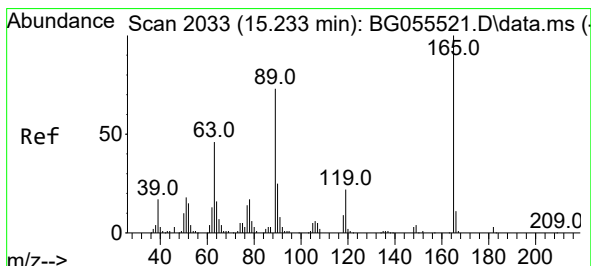
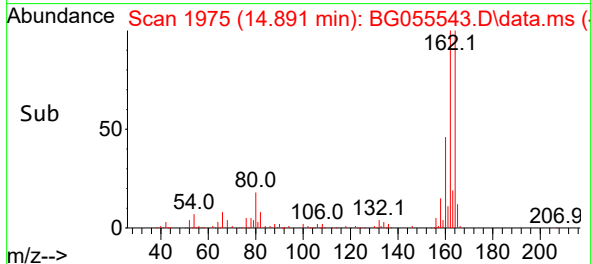
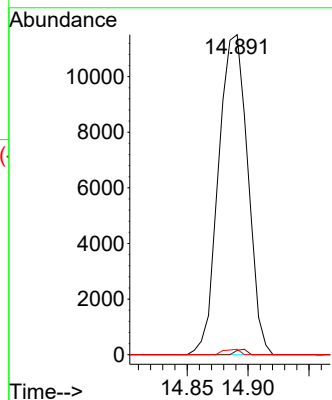
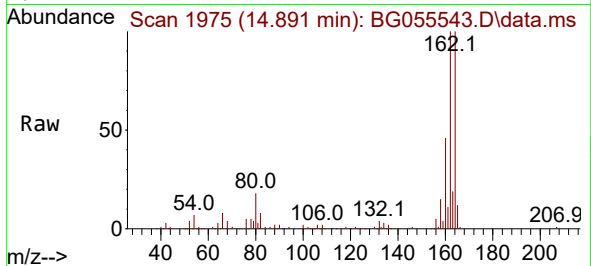




#51
2,6-Dinitrotoluene
Concen: 12.133 ng
RT: 14.891 min Scan# 1900
Delta R.T. 0.440 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

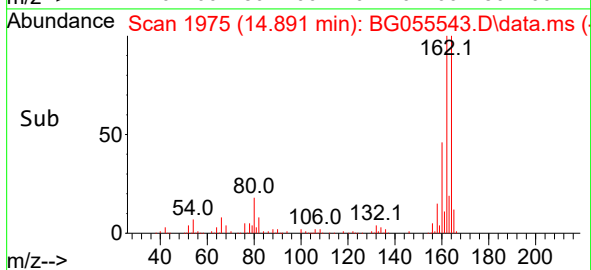
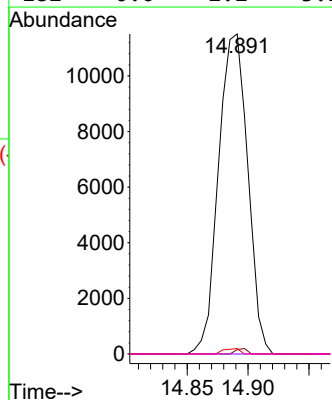
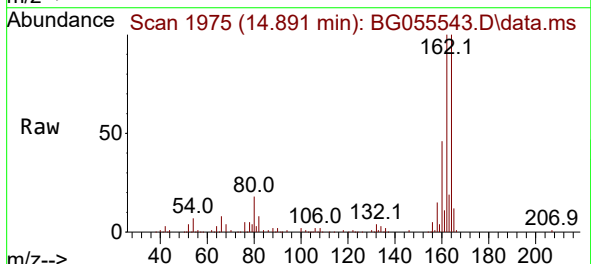
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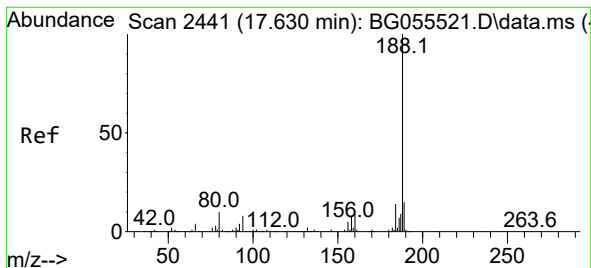
Tgt Ion:165 Resp: 19169
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.7 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.350 ng
RT: 14.891 min Scan# 1975
Delta R.T. -0.342 min
Lab File: BG055543.D
Acq: 10 Nov 2022 17:25

Tgt Ion:165 Resp: 19169
Ion Ratio Lower Upper
165 100
63 1.3 37.0 55.4#
89 1.7 58.6 87.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.629 min Scan# 2441

Delta R.T. -0.001 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

Instrument :

BNA_G

ClientSampleId :

PB148969BL

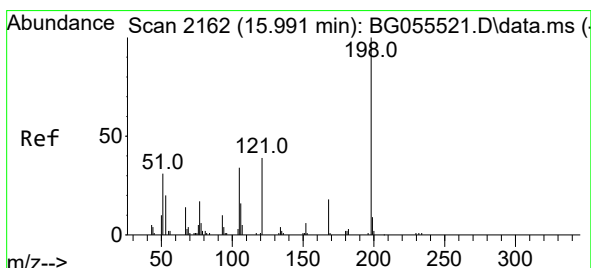
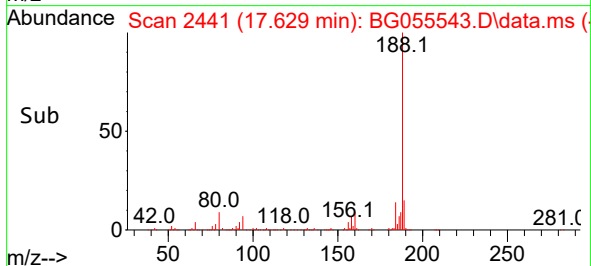
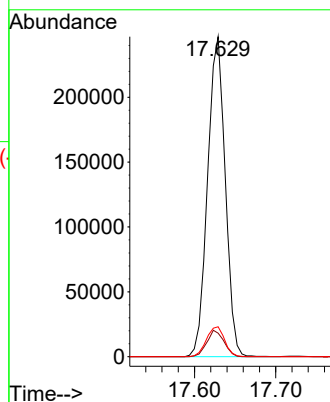
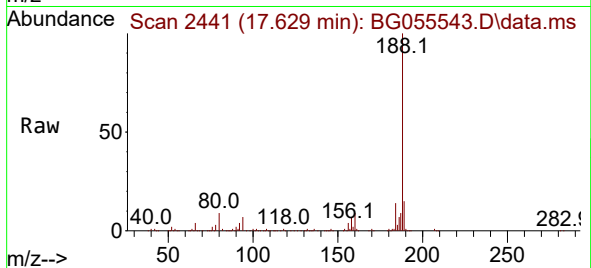
Tgt Ion:188 Resp: 371433

Ion Ratio Lower Upper

188 100

94 7.4 6.4 9.6

80 9.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.561 ng

RT: 16.366 min Scan# 2226

Delta R.T. 0.375 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

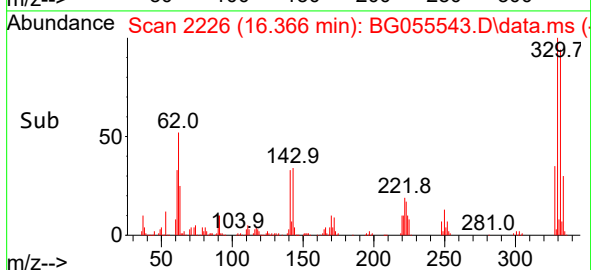
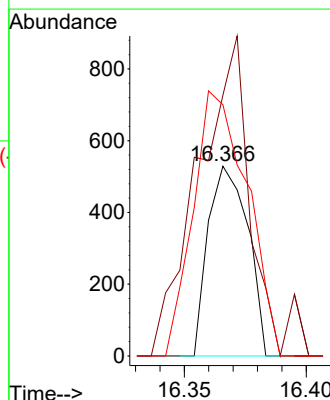
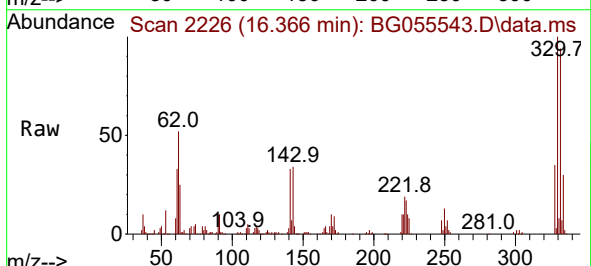
Tgt Ion:198 Resp: 599

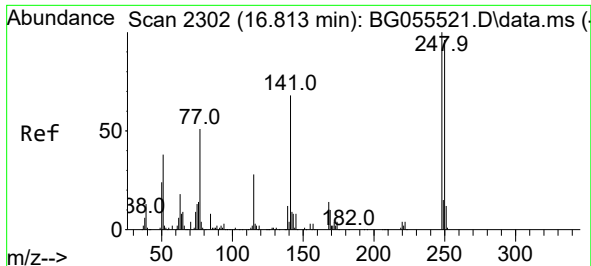
Ion Ratio Lower Upper

198 100

51 137.4 24.7 64.7#

105 132.3 17.6 57.6#





#67

4-Bromophenyl-phenylether

Concen: 4.092 ng

RT: 16.366 min Scan# 21

Delta R.T. -0.447 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

Instrument :

BNA_G

ClientSampleId :

PB148969BL

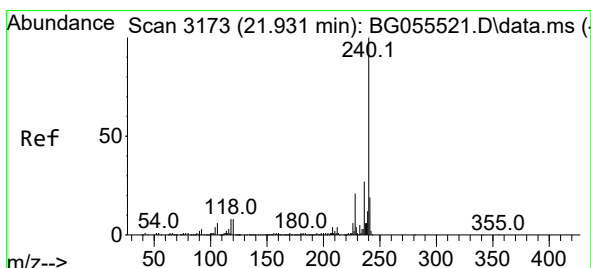
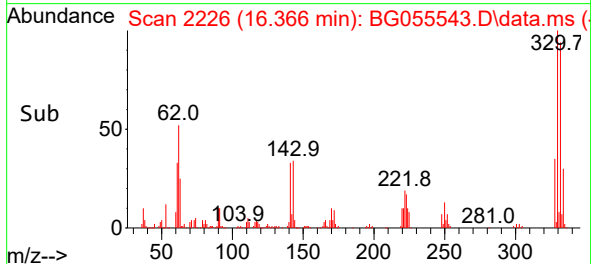
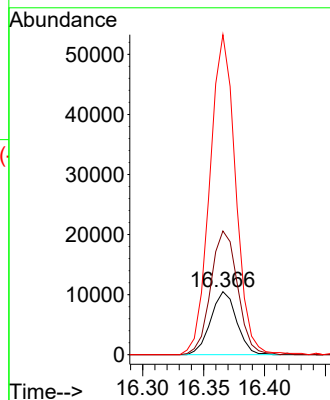
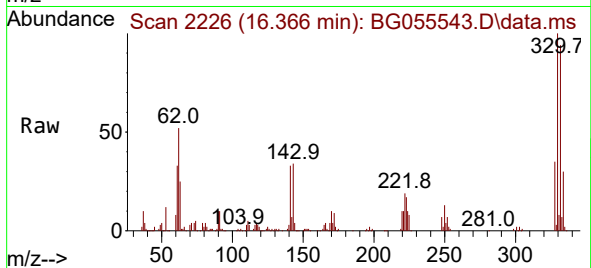
Tgt Ion:248 Resp: 15507

Ion Ratio Lower Upper

248 100

250 196.2 76.9 115.3#

141 507.5 54.3 81.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.924 min Scan# 3172

Delta R.T. -0.007 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

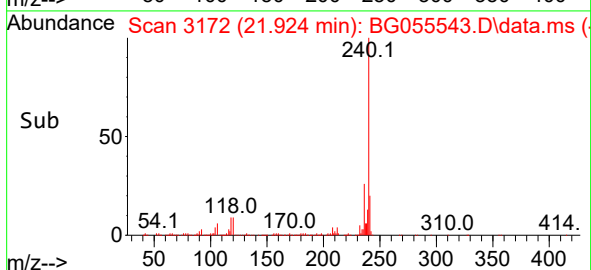
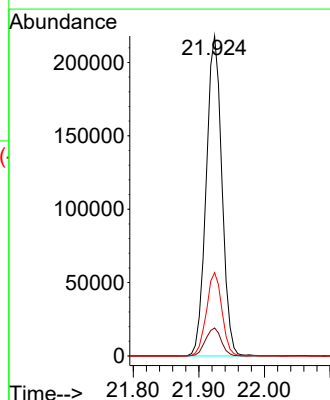
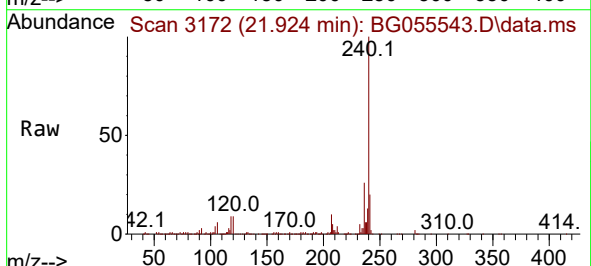
Tgt Ion:240 Resp: 363050

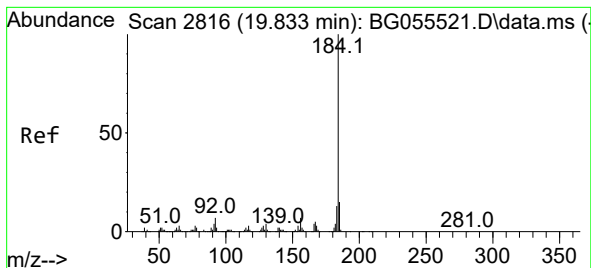
Ion Ratio Lower Upper

240 100

120 8.7 6.1 9.1

236 26.1 21.4 32.0





#77

Benzidine

Concen: 2.511 ng

RT: 20.214 min Scan# 2881

Delta R.T. 0.381 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

Instrument :

BNA_G

ClientSampleId :

PB148969BL

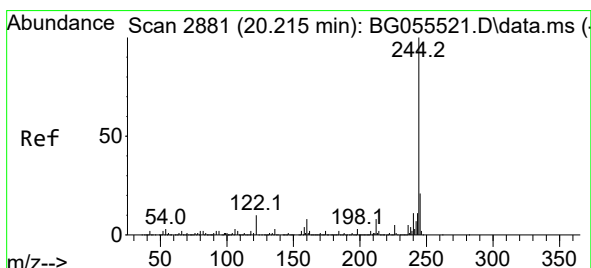
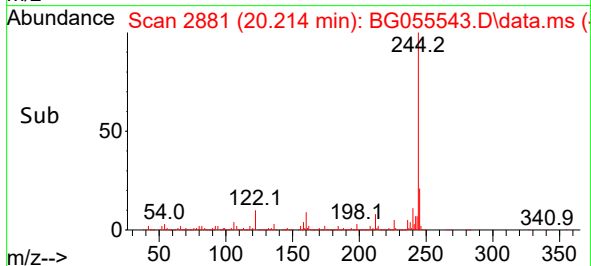
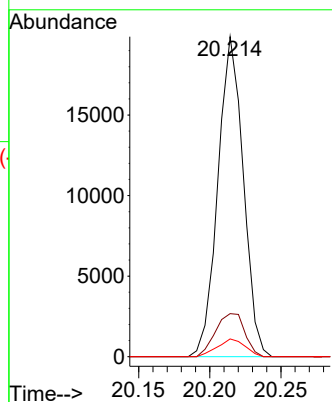
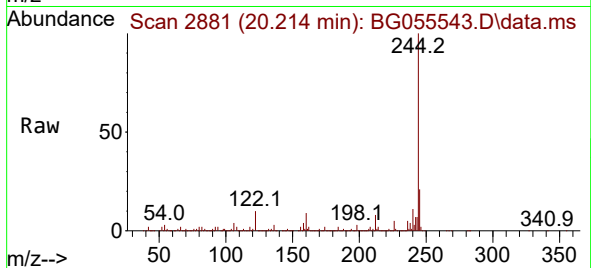
Tgt Ion:184 Resp: 24659

Ion Ratio Lower Upper

184 100

185 13.4 12.0 18.0

183 5.5 10.2 15.2#



#79

Terphenyl-d14

Concen: 78.961 ng

RT: 20.214 min Scan# 2881

Delta R.T. -0.001 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

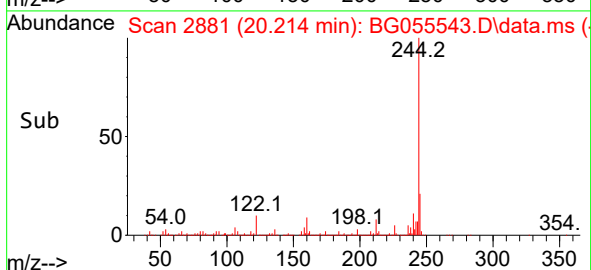
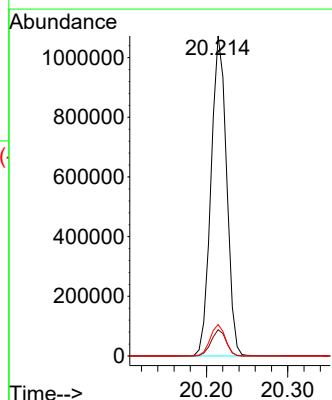
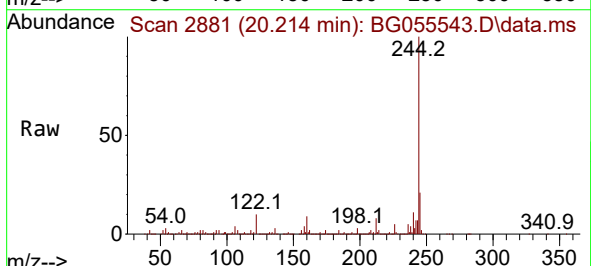
Tgt Ion:244 Resp: 1427241

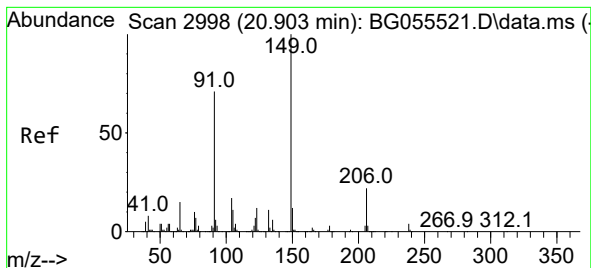
Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.8 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.460 ng

RT: 20.908 min Scan# 2999

Delta R.T. 0.005 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

Instrument :

BNA_G

ClientSampleId :

PB148969BL

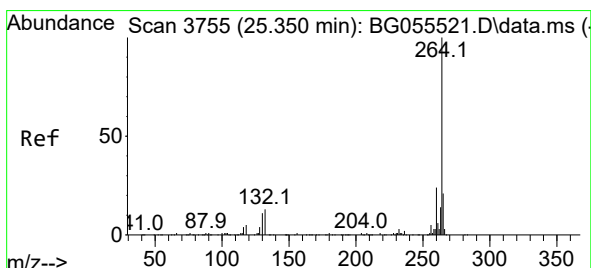
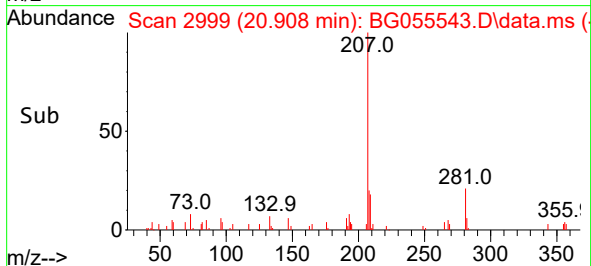
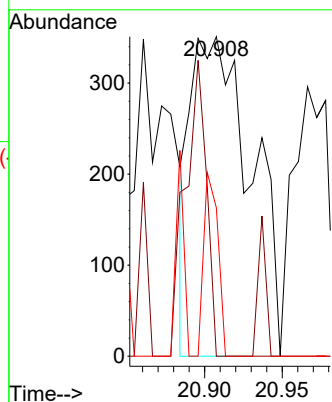
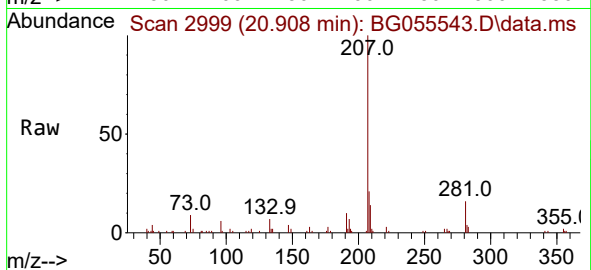
Tgt Ion:149 Resp: 959

Ion Ratio Lower Upper

149 100

91 0.0 56.8 85.2#

206 46.4 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.343 min Scan# 3754

Delta R.T. -0.007 min

Lab File: BG055543.D

Acq: 10 Nov 2022 17:25

Tgt Ion:264 Resp: 372579

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.0 17.1 25.7

