

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055562.D
 Acq On : 11 Nov 2022 11:34
 Operator : CG/JU
 Sample : N5506-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9

Quant Time: Nov 11 16:30:48 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)

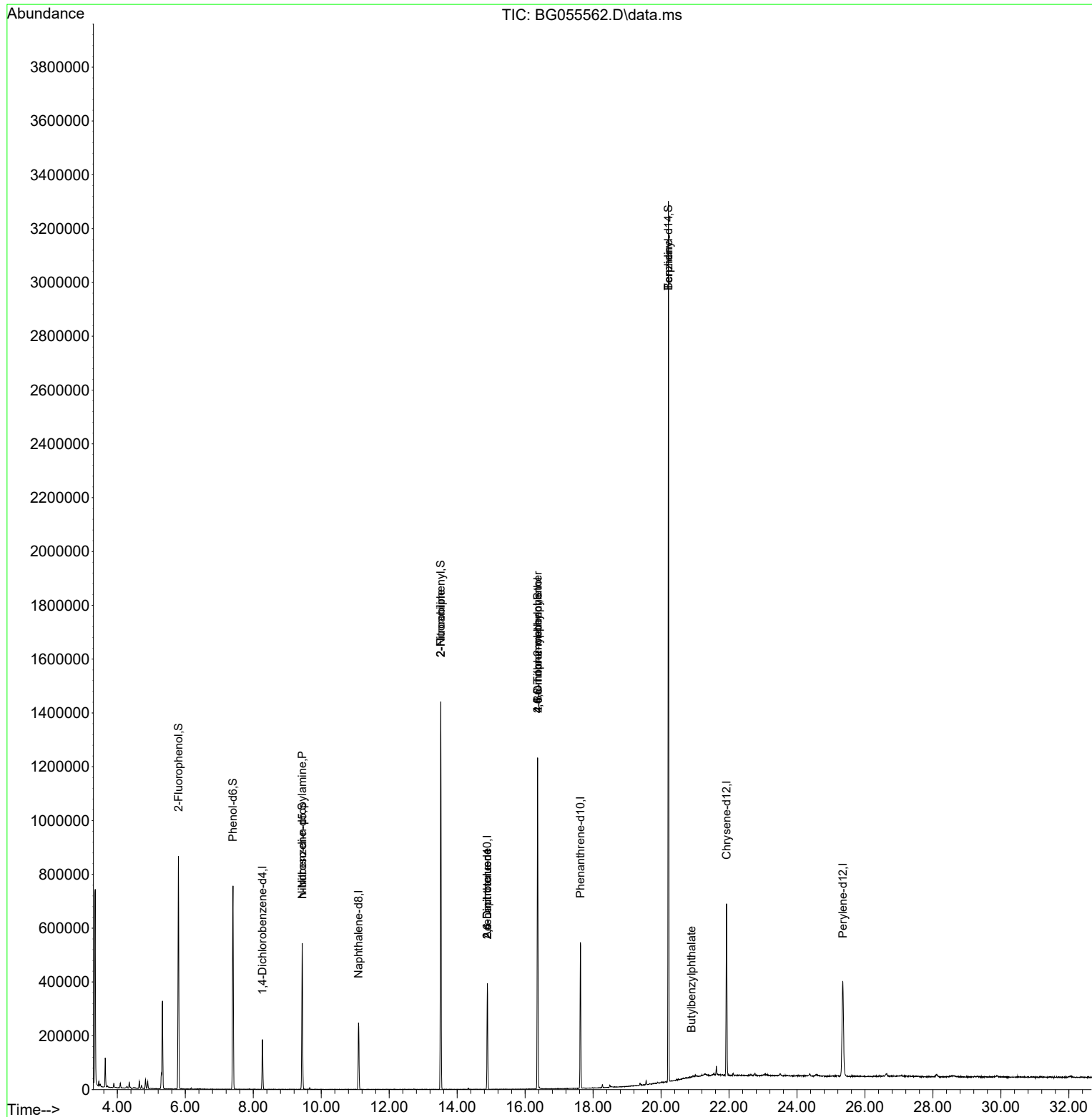
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	51925	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	206921	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	141011	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	355227	20.000	ng	0.00
76) Chrysene-d12	21.926	240	406542	20.000	ng	0.00
86) Perylene-d12	25.351	264	425184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	361590	132.639	ng	0.00
7) Phenol-d6	7.402	99	415059	110.222	ng	0.00
23) Nitrobenzene-d5	9.440	82	317716	104.091	ng	0.00
42) 2,4,6-Tribromophenol	16.368	330	250913	182.369	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	744391	79.628	ng	0.00
79) Terphenyl-d14	20.216	244	1607331	79.412	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	42923	13.792	ng	# 78
48) 2-Nitroaniline	13.518	65	1294	4.368	ng	# 1
51) 2,6-Dinitrotoluene	14.887	165	18644	12.401	ng	# 21
57) 2,4-Dinitrotoluene	14.887	165	18644	10.551	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.368	198	656	2.659	ng	# 1
67) 4-Bromophenyl-phenylether	16.368	248	15869	4.379	ng	# 1
77) Benzidine	20.216	184	26715	2.429	ng	# 91
80) Butylbenzylphthalate	20.892	149	696	3.426	ng	# 74

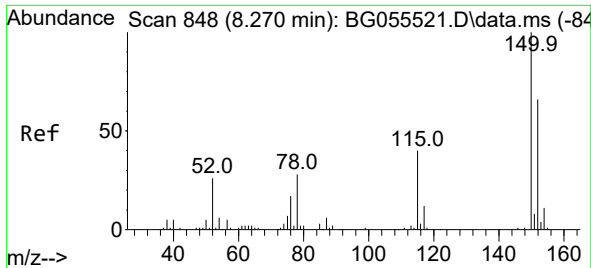
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055562.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
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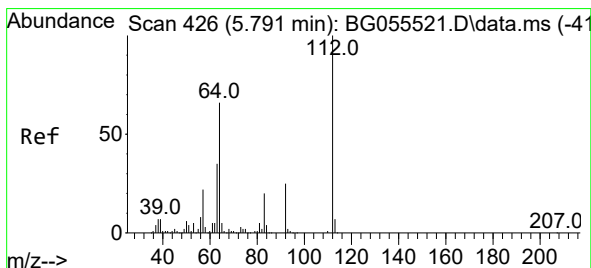
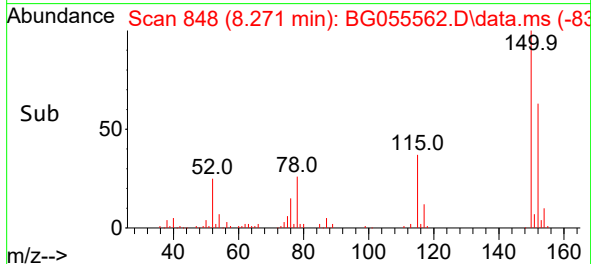
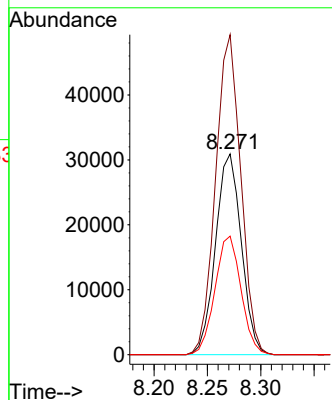
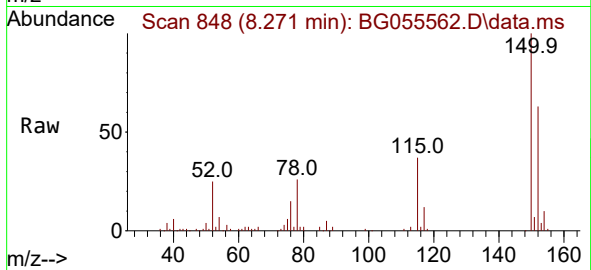




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

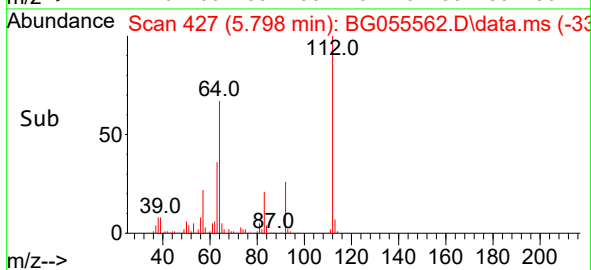
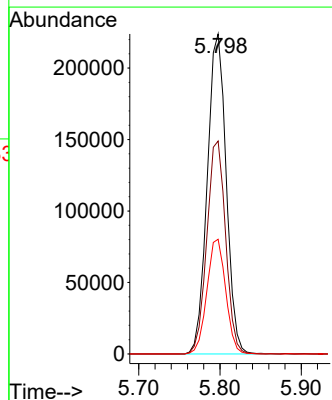
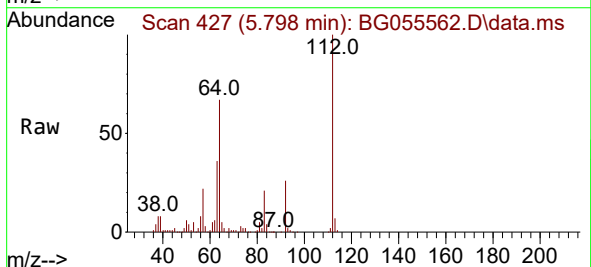
Instrument :
BNA_G
ClientSampleId :
TP-9

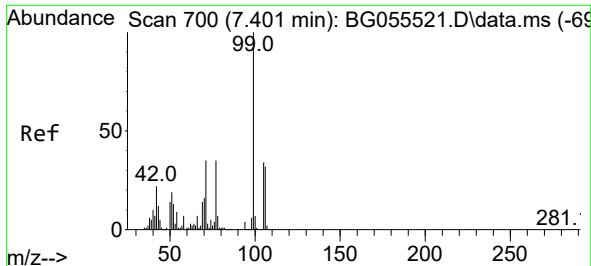
Tgt Ion:152 Resp: 51925
Ion Ratio Lower Upper
152 100
150 159.4 121.0 181.4
115 59.1 47.8 71.8



#5
2-Fluorophenol
Concen: 132.639 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion:112 Resp: 361590
Ion Ratio Lower Upper
112 100
64 66.6 52.6 78.8
63 35.8 28.3 42.5

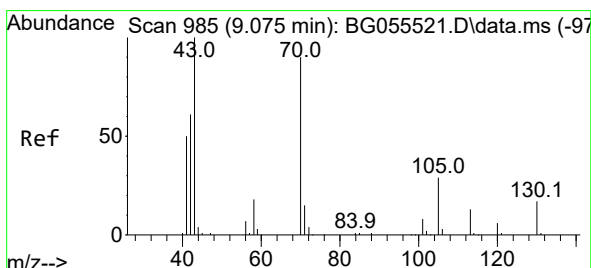
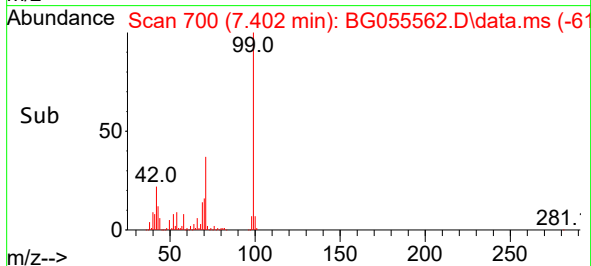
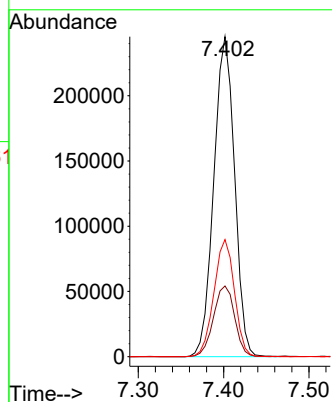
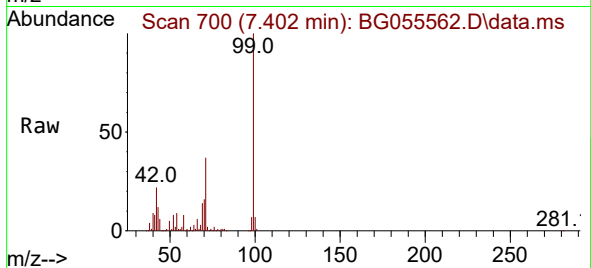




#7
Phenol-d6
Concen: 110.222 ng
RT: 7.402 min Scan# 700
Delta R.T. 0.001 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

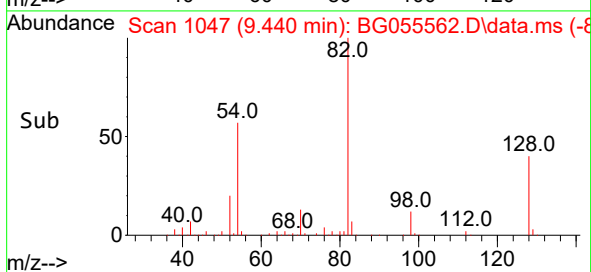
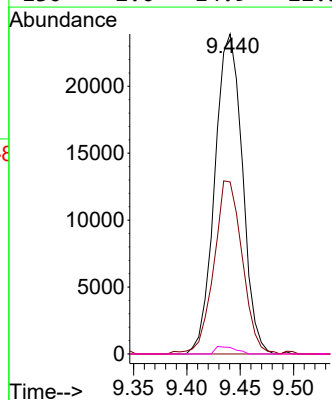
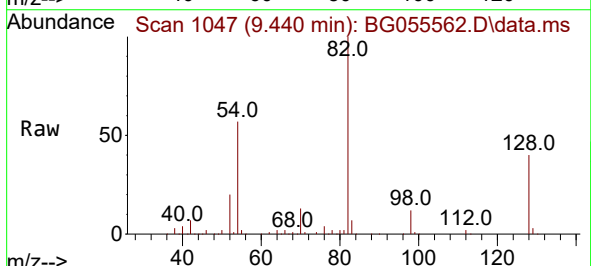
Instrument :
BNA_G
ClientSampleId :
TP-9

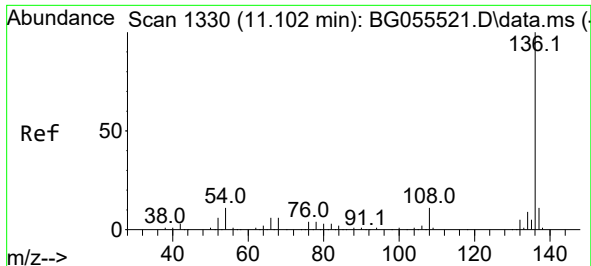
Tgt Ion: 99 Resp: 415059
Ion Ratio Lower Upper
99 100
42 22.1 17.5 26.3
71 36.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.792 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion: 70 Resp: 42923
Ion Ratio Lower Upper
70 100
42 53.7 54.8 82.2#
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#

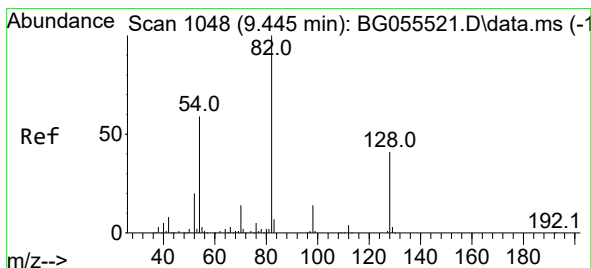
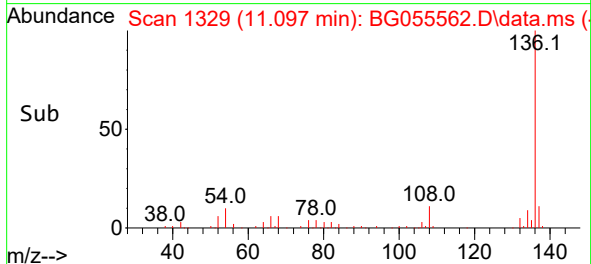
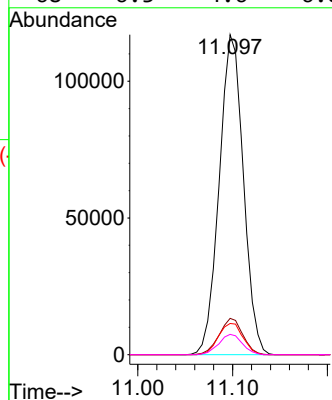
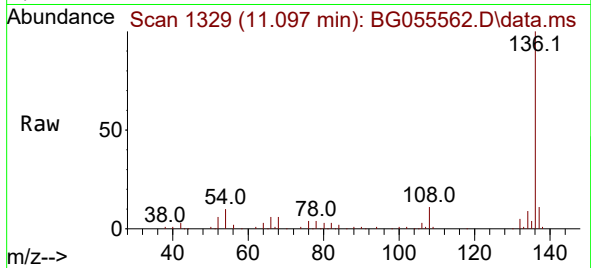




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

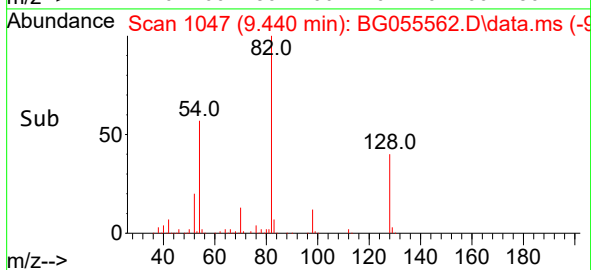
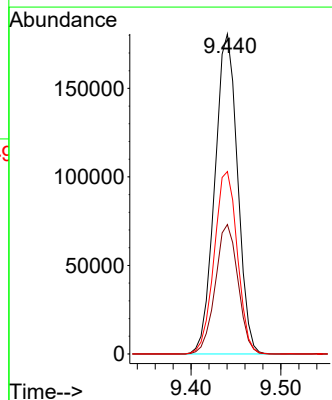
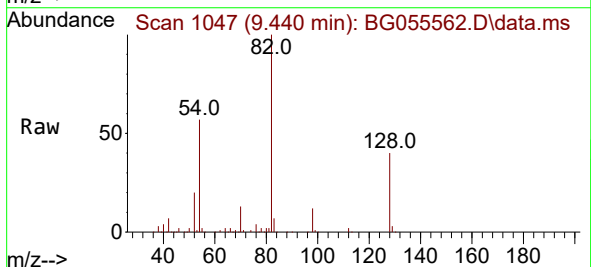
Instrument :
BNA_G
ClientSampleId :
TP-9

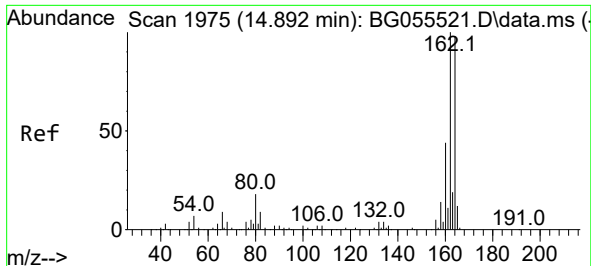
Tgt Ion:136 Resp: 206921
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.8 8.6 12.8
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 104.091 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion: 82 Resp: 317716
Ion Ratio Lower Upper
82 100
128 40.5 32.6 49.0
54 57.0 47.3 70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

Instrument :

BNA_G

ClientSampleId :

TP-9

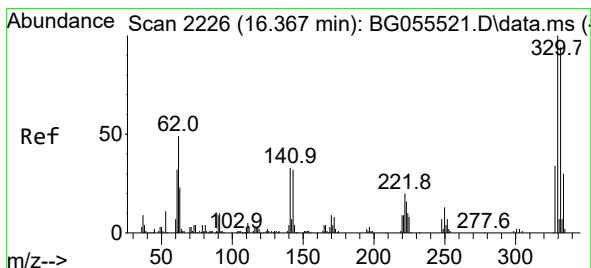
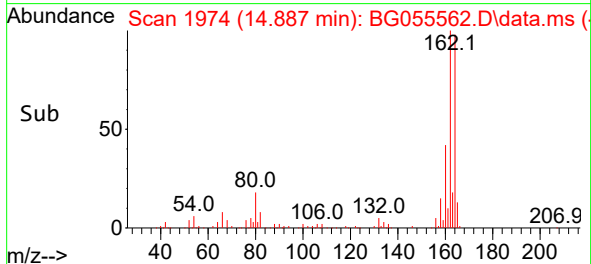
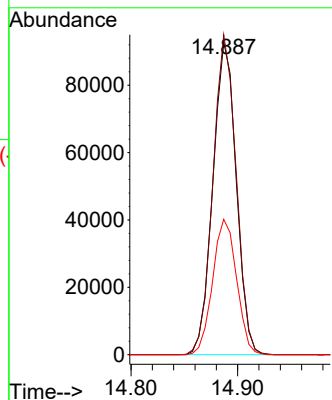
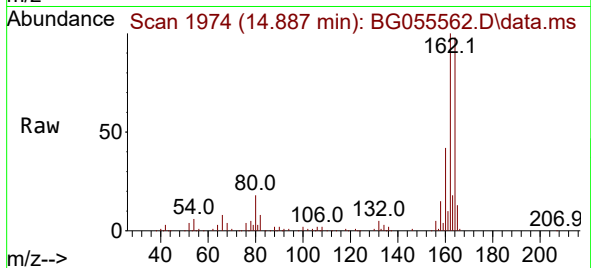
Tgt Ion:164 Resp: 141011

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 43.3 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 182.369 ng

RT: 16.368 min Scan# 2226

Delta R.T. 0.001 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

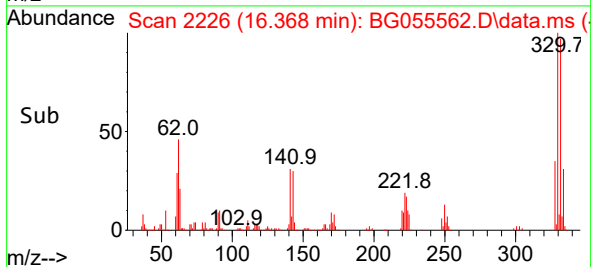
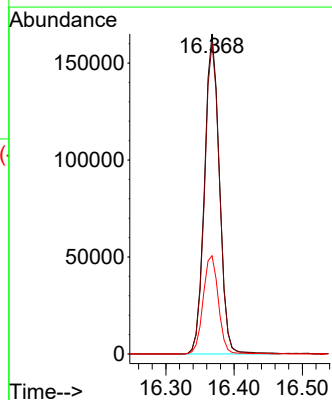
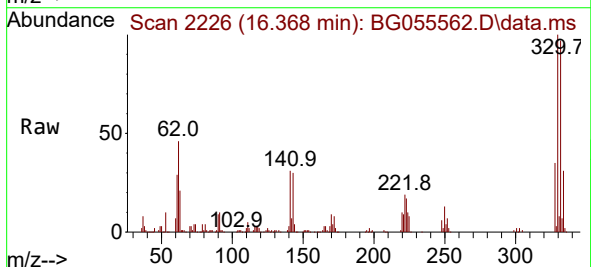
Tgt Ion:330 Resp: 250913

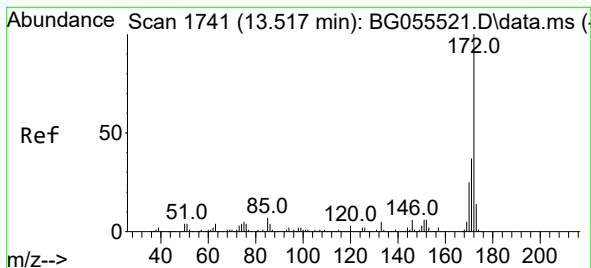
Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

141 31.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 79.628 ng

RT: 13.518 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

Instrument :

BNA_G

ClientSampleId :

TP-9

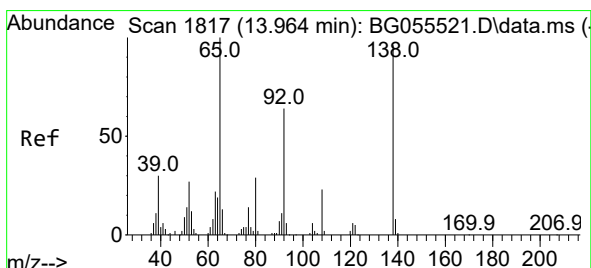
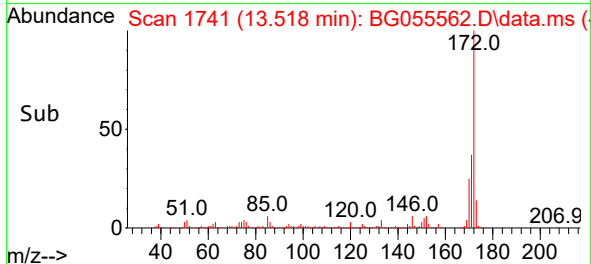
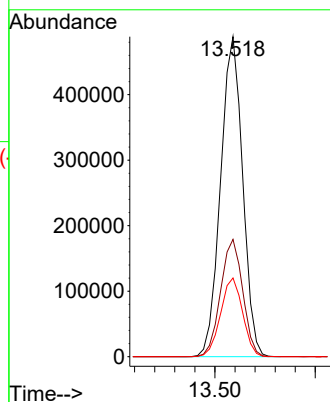
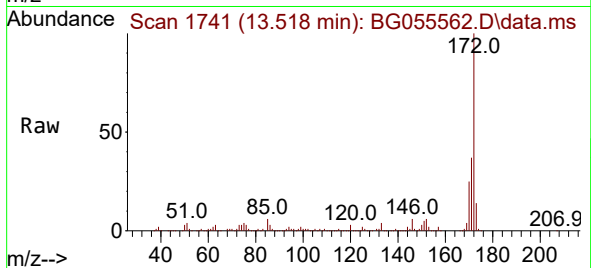
Tgt Ion:172 Resp: 744391

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 24.6 19.8 29.6



#48

2-Nitroaniline

Concen: 4.368 ng

RT: 13.518 min Scan# 1741

Delta R.T. -0.446 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

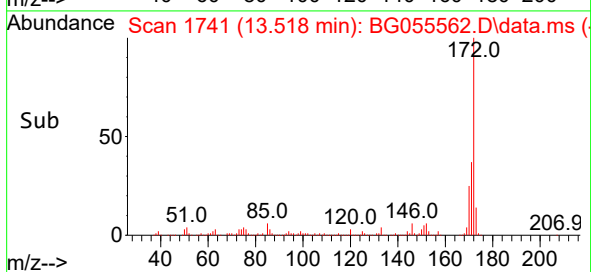
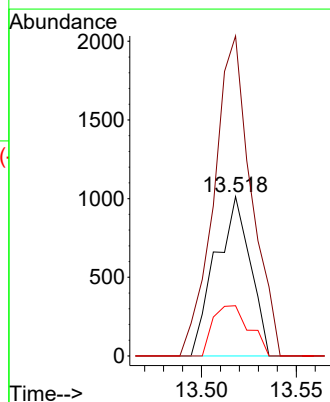
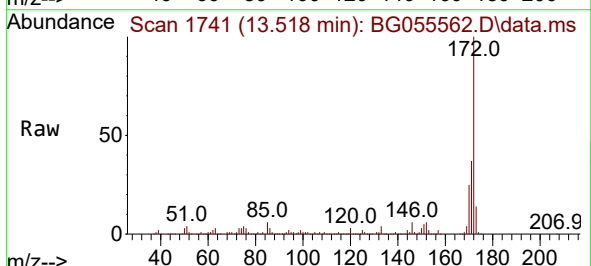
Tgt Ion: 65 Resp: 1294

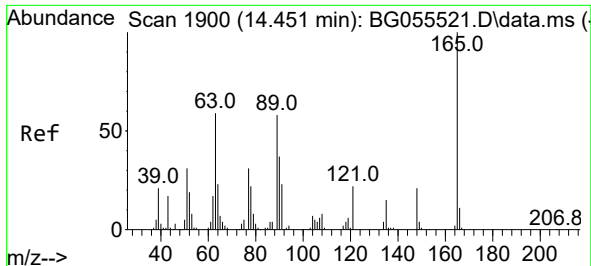
Ion Ratio Lower Upper

65 100

92 200.8 51.6 77.4#

138 31.5 77.0 115.4#

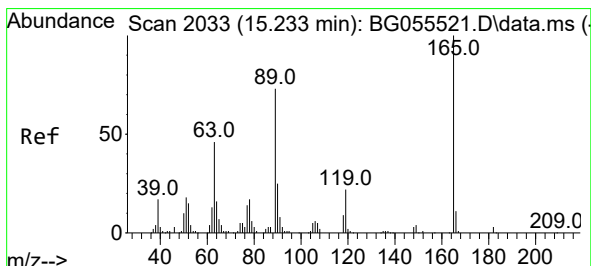
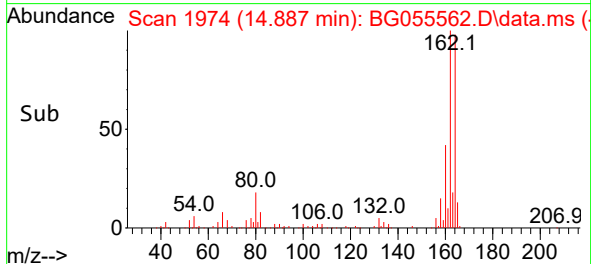
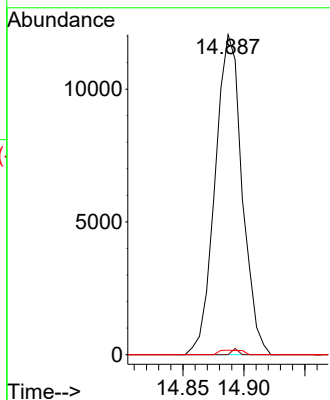
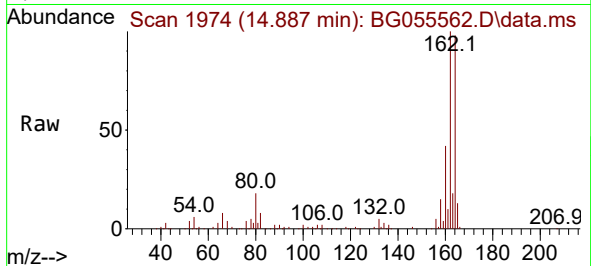




#51
2,6-Dinitrotoluene
Concen: 12.401 ng
RT: 14.887 min Scan# 1900
Delta R.T. 0.436 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

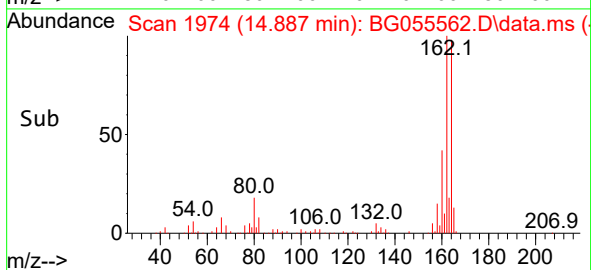
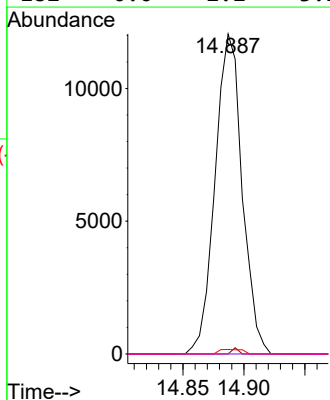
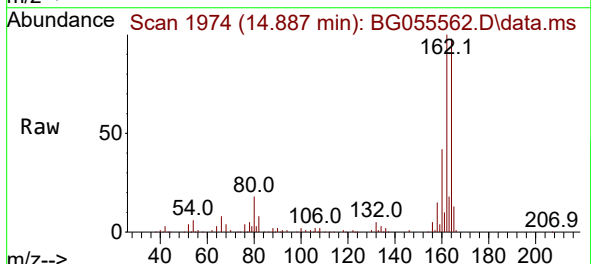
Instrument :
BNA_G
ClientSampleId :
TP-9

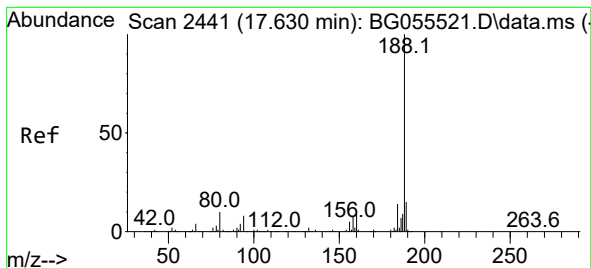
Tgt Ion:165 Resp: 18644
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.4 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.551 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.346 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion:165 Resp: 18644
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.4 58.6 87.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.625 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

Instrument :

BNA_G

ClientSampleId :

TP-9

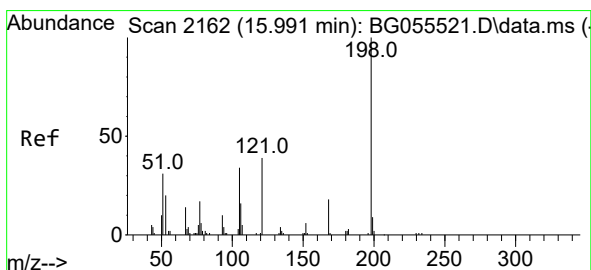
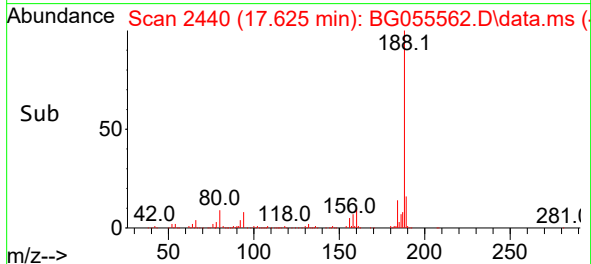
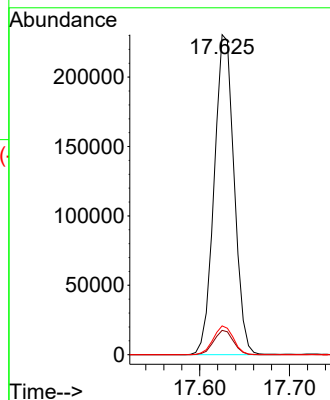
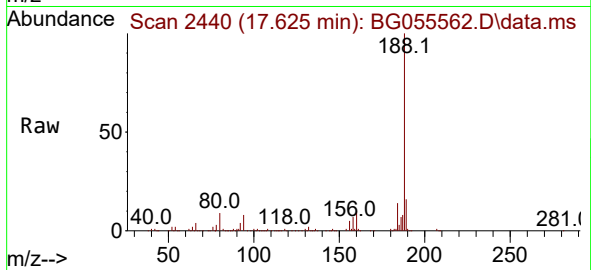
Tgt Ion:188 Resp: 355227

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 9.0 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.659 ng

RT: 16.368 min Scan# 2226

Delta R.T. 0.377 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

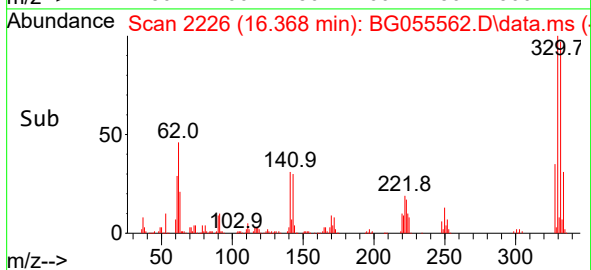
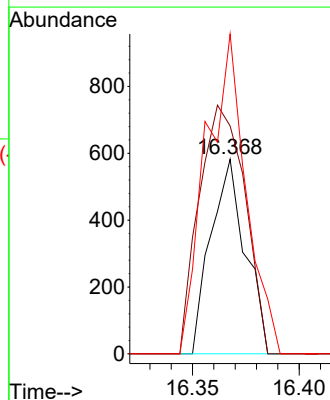
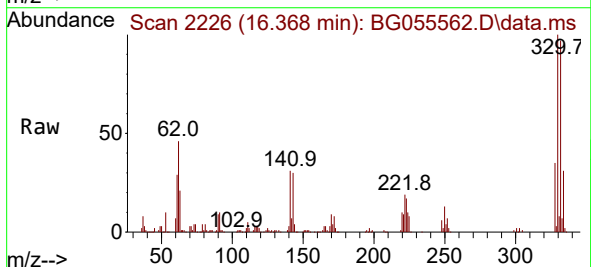
Tgt Ion:198 Resp: 656

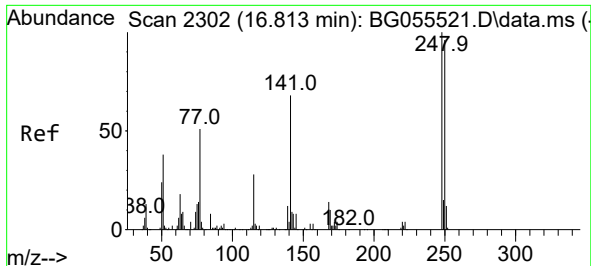
Ion Ratio Lower Upper

198 100

51 117.2 24.7 64.7#

105 164.4 17.6 57.6#

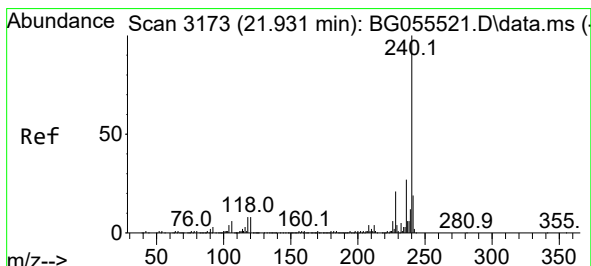
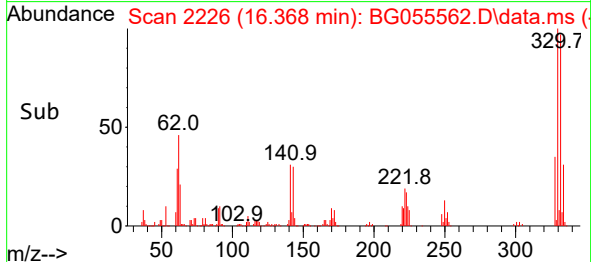
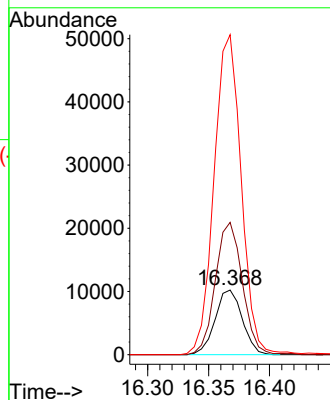
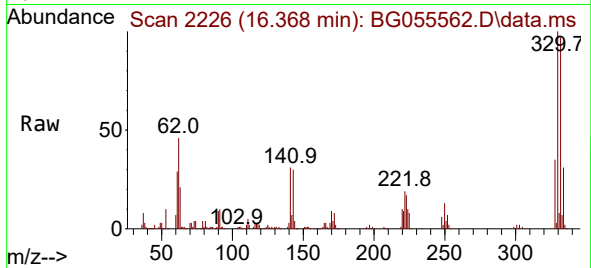




#67
4-Bromophenyl-phenylether
Concen: 4.379 ng
RT: 16.368 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

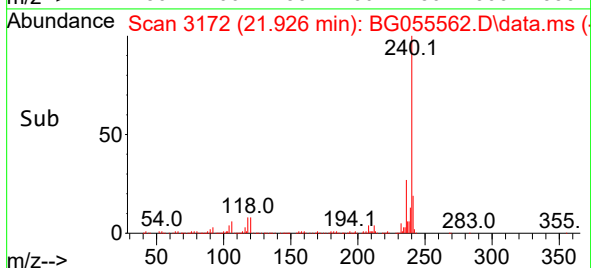
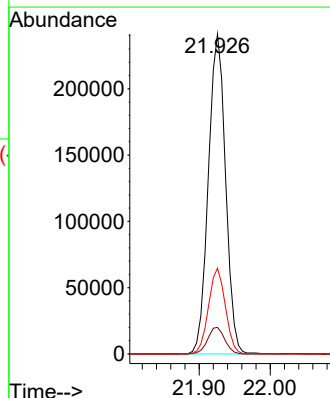
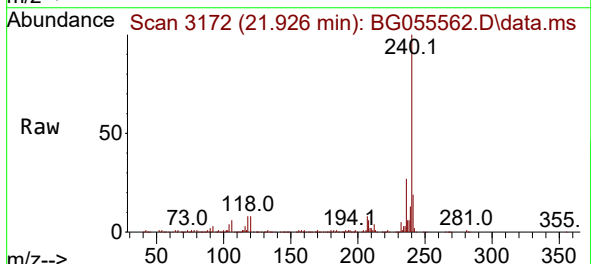
Instrument :
BNA_G
ClientSampleId :
TP-9

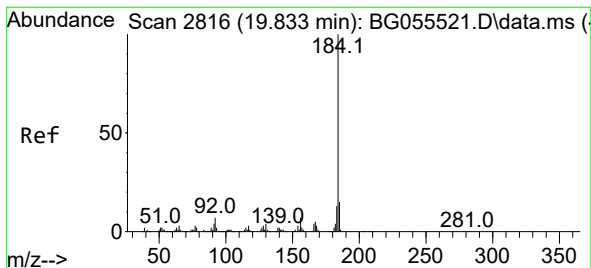
Tgt Ion:248 Resp: 15869
Ion Ratio Lower Upper
248 100
250 204.4 76.9 115.3#
141 494.5 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG055562.D
Acq: 11 Nov 2022 11:34

Tgt Ion:240 Resp: 406542
Ion Ratio Lower Upper
240 100
120 8.3 6.1 9.1
236 26.8 21.4 32.0





#77

Benzidine

Concen: 2.429 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.383 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

Instrument :

BNA_G

ClientSampleId :

TP-9

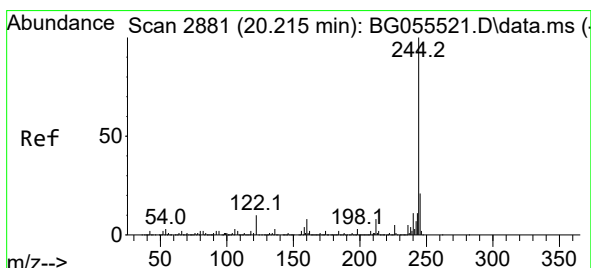
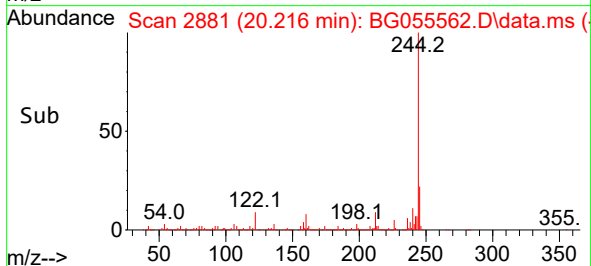
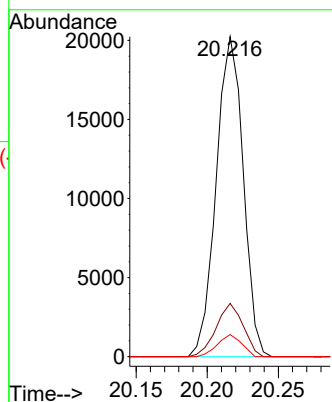
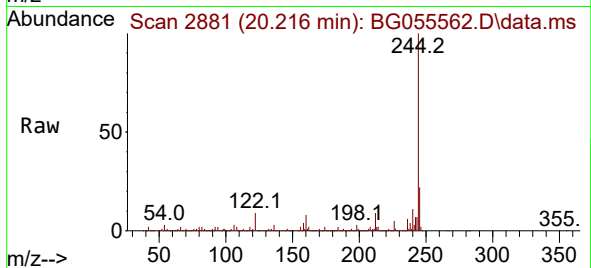
Tgt Ion:184 Resp: 26715

Ion Ratio Lower Upper

184 100

185 16.7 12.0 18.0

183 6.9 10.2 15.2#



#79

Terphenyl-d14

Concen: 79.412 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

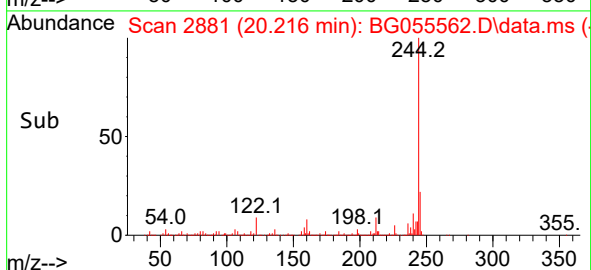
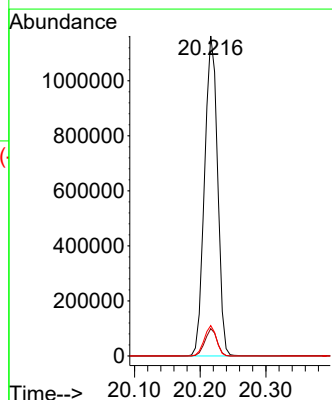
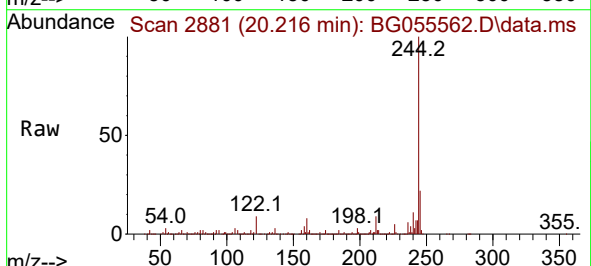
Tgt Ion:244 Resp: 1607331

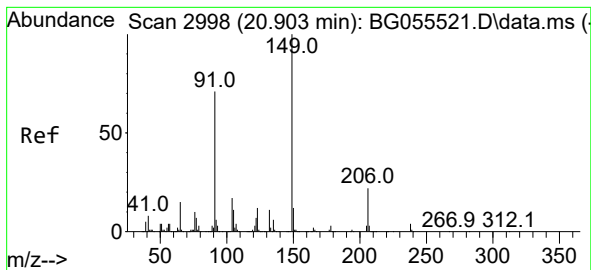
Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 9.5 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.426 ng

RT: 20.892 min Scan# 2998

Delta R.T. -0.011 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

Instrument :

BNA_G

ClientSampleId :

TP-9

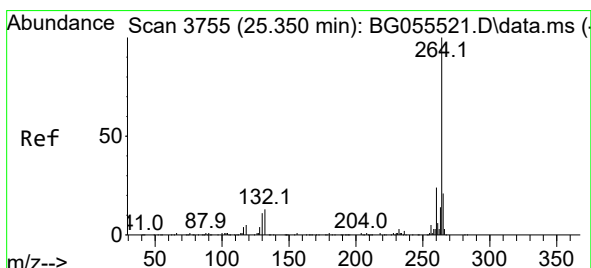
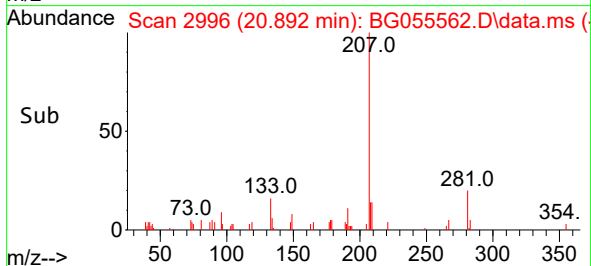
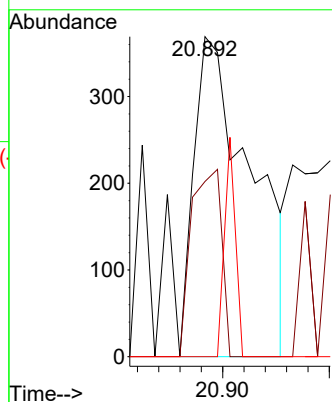
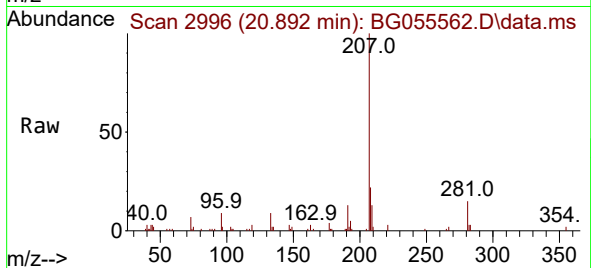
Tgt Ion:149 Resp: 696

Ion Ratio Lower Upper

149 100

91 54.7 56.8 85.2#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.351 min Scan# 3755

Delta R.T. 0.001 min

Lab File: BG055562.D

Acq: 11 Nov 2022 11:34

Tgt Ion:264 Resp: 425184

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 20.3 17.1 25.7

