

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055563.D
 Acq On : 11 Nov 2022 12:15
 Operator : CG/JU
 Sample : N5506-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Nov 11 16:31:02 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)

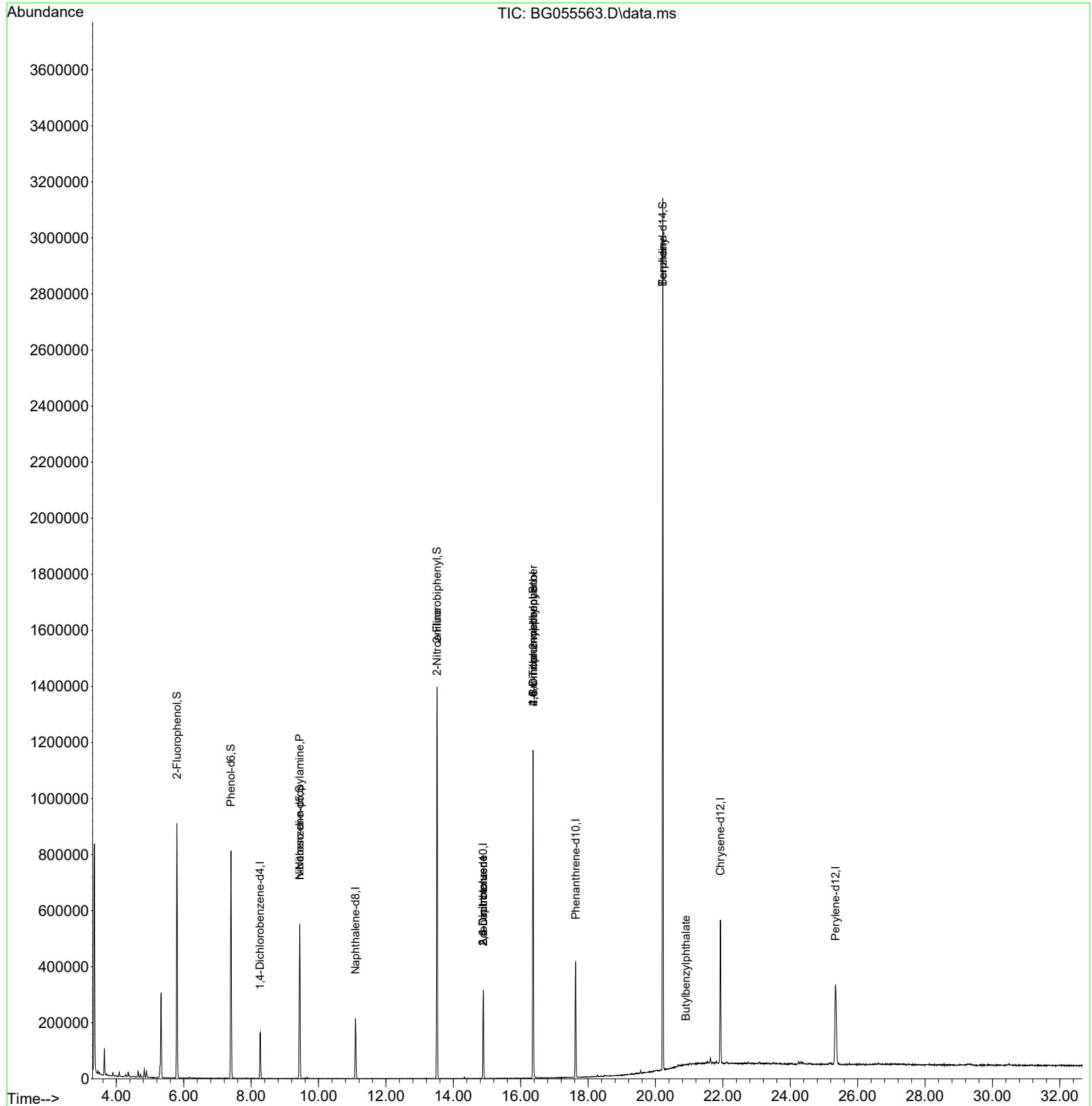
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	47176	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	173966	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	113360	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	278480	20.000	ng	0.00
76) Chrysene-d12	21.926	240	332717	20.000	ng	0.00
86) Perylene-d12	25.345	264	339867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	377174	152.284	ng	0.00
7) Phenol-d6	7.401	99	439792	128.547	ng	0.00
23) Nitrobenzene-d5	9.440	82	317058	123.552	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	235303	212.740	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	733686	97.626	ng	0.00
79) Terphenyl-d14	20.216	244	1506472	90.943	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	42734	15.114	ng	# 80
48) 2-Nitroaniline	13.512	65	1076	4.388	ng	# 14
51) 2,6-Dinitrotoluene	14.887	165	14941	12.372	ng	# 22
57) 2,4-Dinitrotoluene	14.887	165	14941	10.529	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.367	198	619	2.817	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	15092	5.312	ng	# 1
77) Benzidine	20.216	184	25381	2.820	ng	# 94
80) Butylbenzylphthalate	20.903	149	802	3.451	ng	# 75

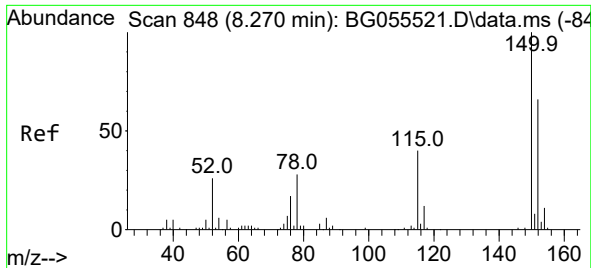
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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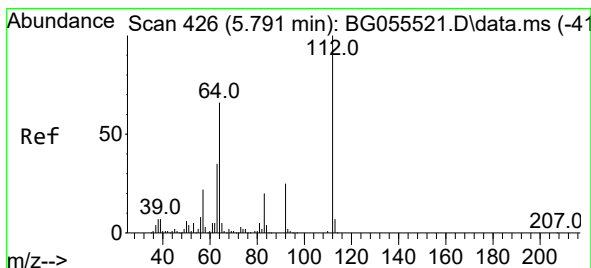
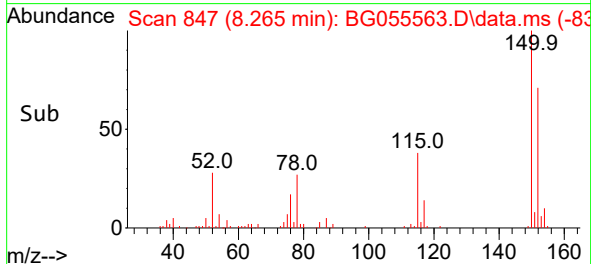
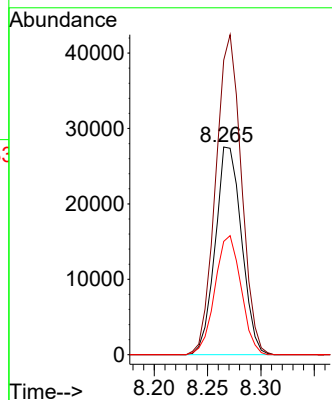
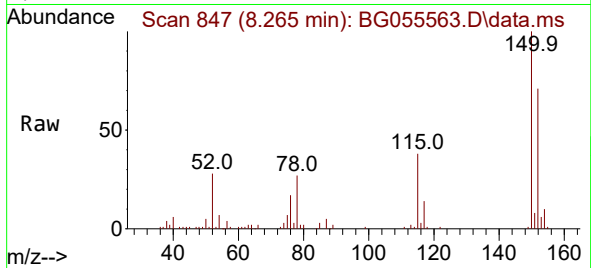




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

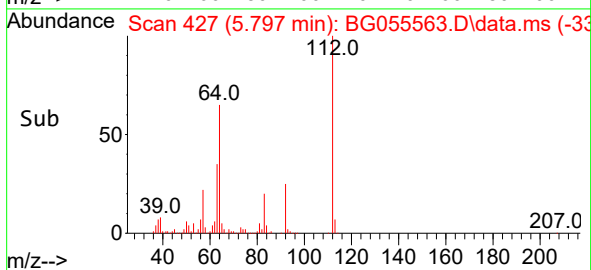
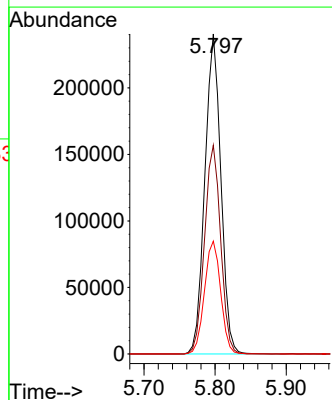
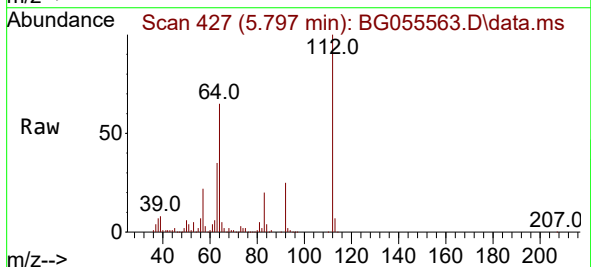
Instrument :
BNA_G
ClientSampleId :
TP-5

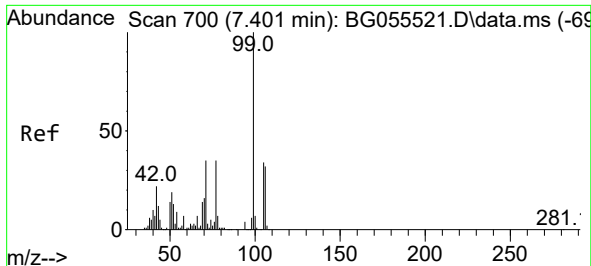
Tgt Ion:152 Resp: 47176
Ion Ratio Lower Upper
152 100
150 141.8 121.0 181.4
115 54.5 47.8 71.8



#5
2-Fluorophenol
Concen: 152.284 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

Tgt Ion:112 Resp: 377174
Ion Ratio Lower Upper
112 100
64 65.2 52.6 78.8
63 35.3 28.3 42.5

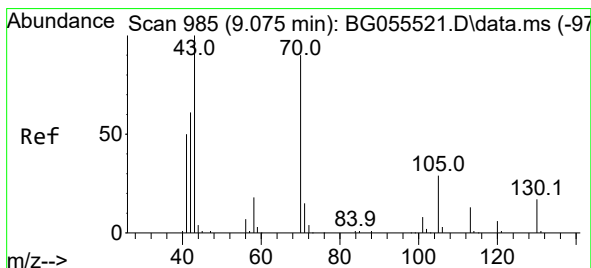
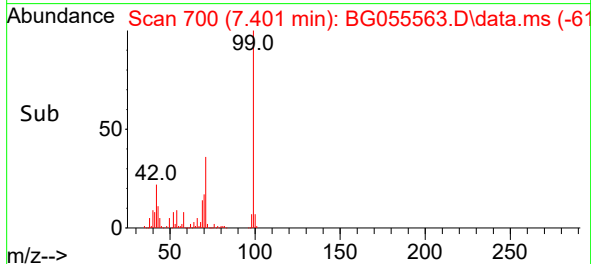
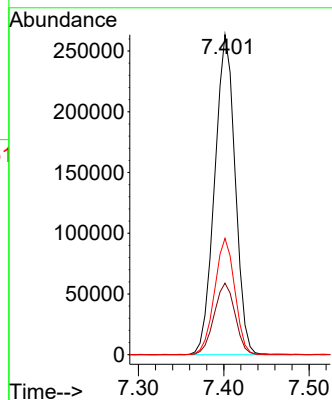
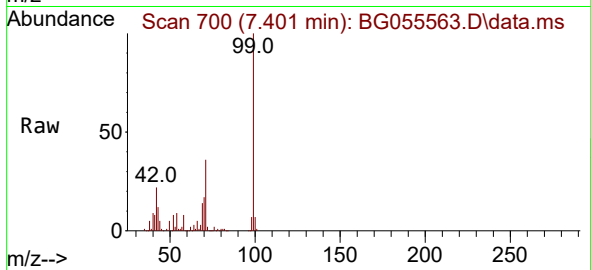




#7
Phenol-d6
Concen: 128.547 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.000 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

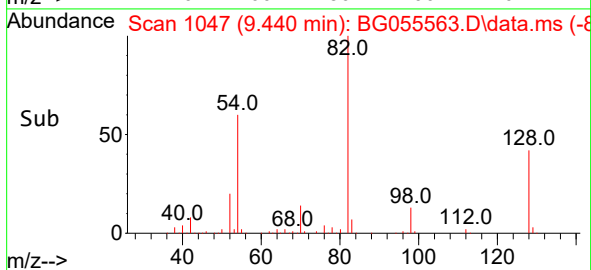
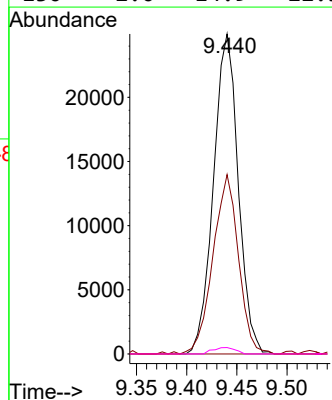
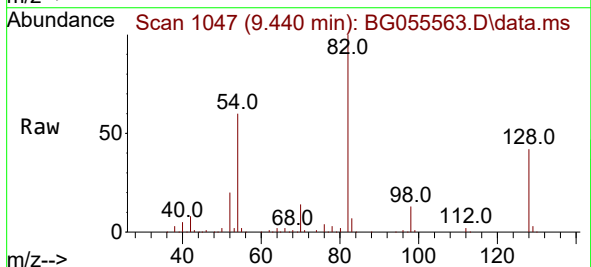
Instrument :
BNA_G
ClientSampleId :
TP-5

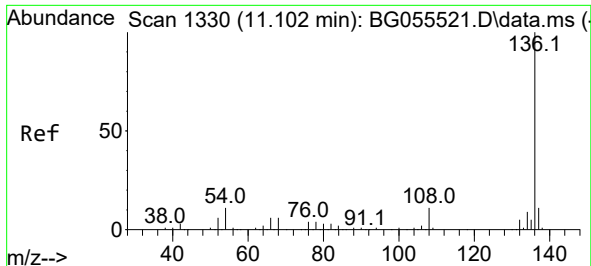
Tgt Ion: 99 Resp: 439792
Ion Ratio Lower Upper
99 100
42 22.4 17.5 26.3
71 36.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.114 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

Tgt Ion: 70 Resp: 42734
Ion Ratio Lower Upper
70 100
42 56.0 54.8 82.2
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#

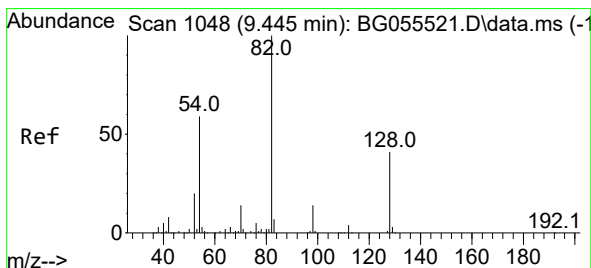
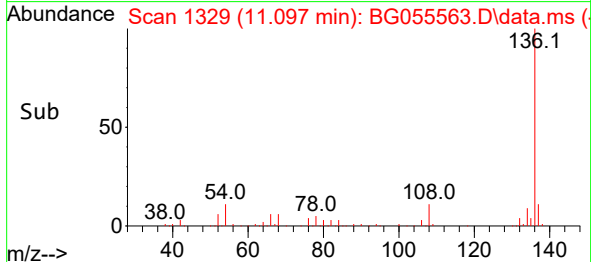
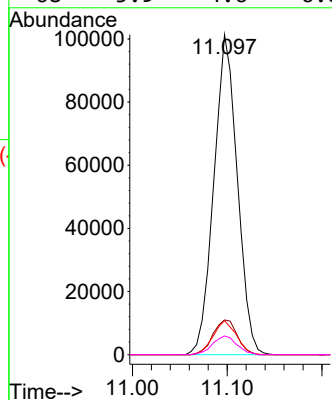
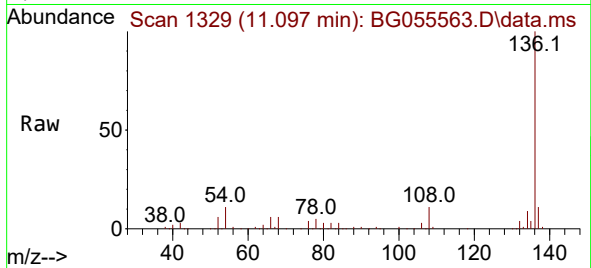




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

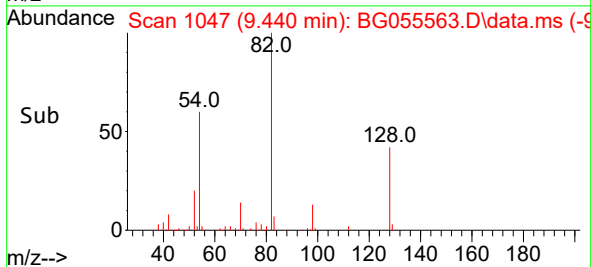
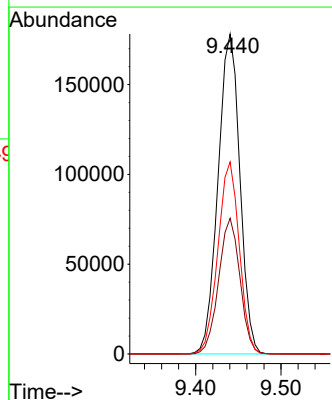
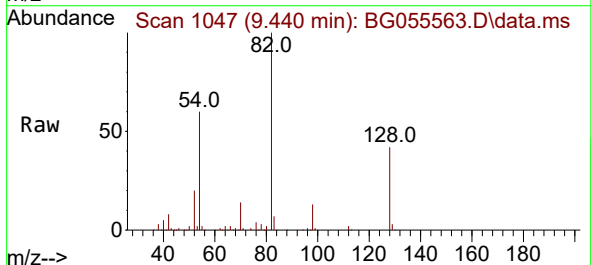
Instrument :
BNA_G
ClientSampleId :
TP-5

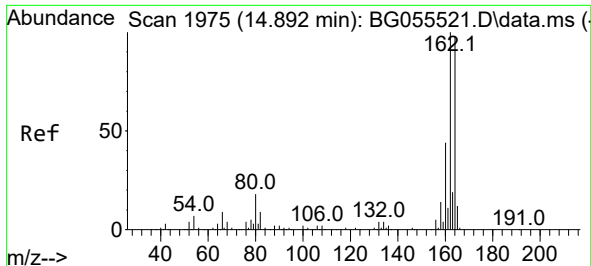
Tgt Ion:136 Resp: 173966
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.6 8.6 12.8
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 123.552 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

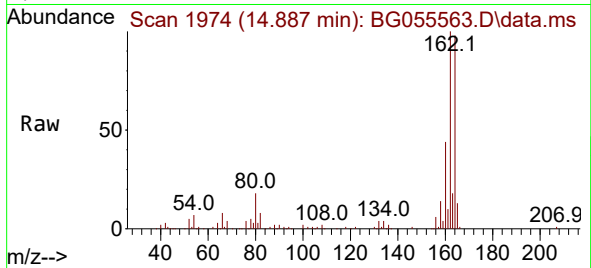
Tgt Ion: 82 Resp: 317058
Ion Ratio Lower Upper
82 100
128 42.4 32.6 49.0
54 60.0 47.3 70.9



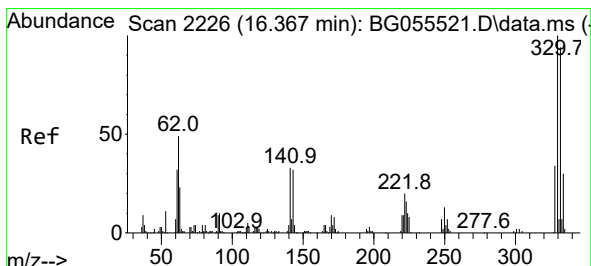
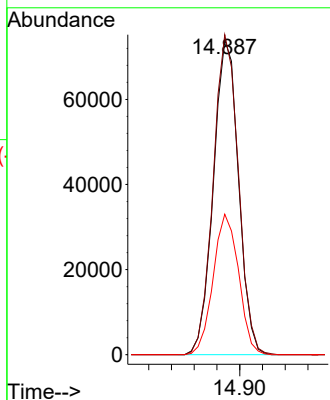
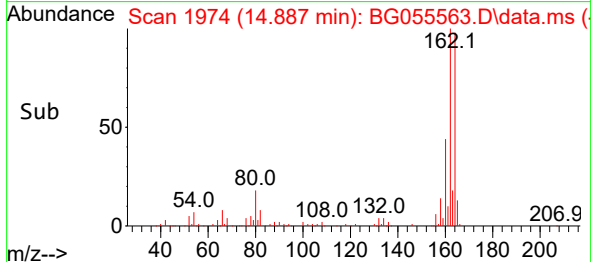


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

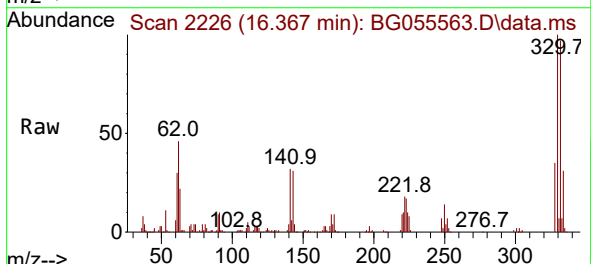
Instrument :
BNA_G
ClientSampleId :
TP-5



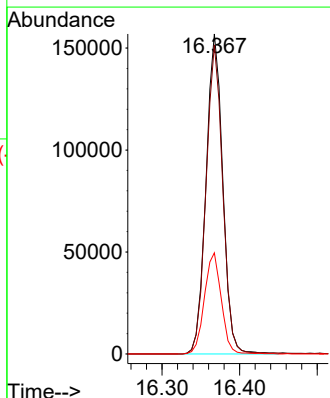
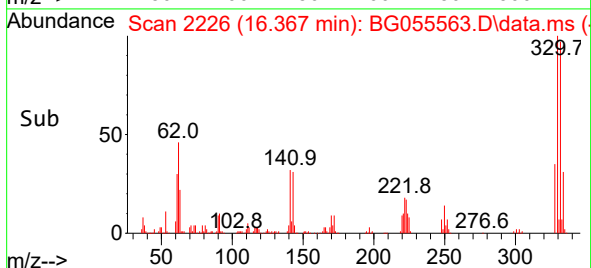
Tgt Ion:164 Resp: 113360
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 44.6 35.9 53.9

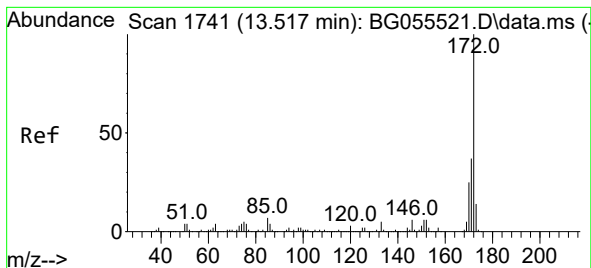


#42
2,4,6-Tribromophenol
Concen: 212.740 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15



Tgt Ion:330 Resp: 235303
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 31.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 97.626 ng

RT: 13.518 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055563.D

Acq: 11 Nov 2022 12:15

Instrument :

BNA_G

ClientSampleId :

TP-5

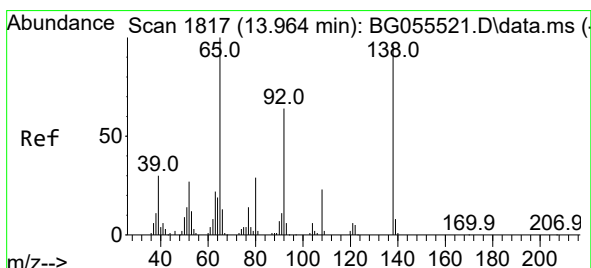
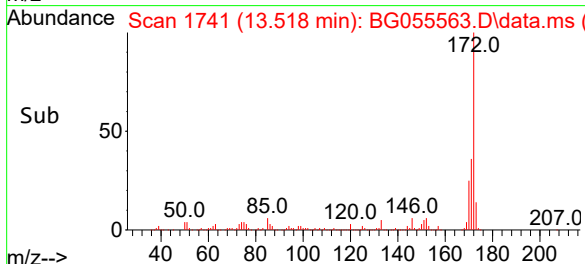
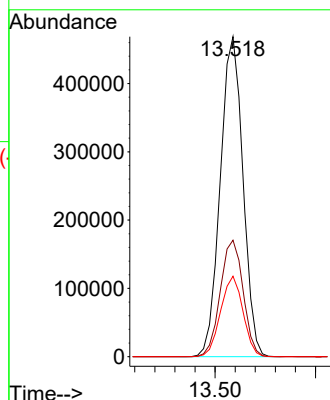
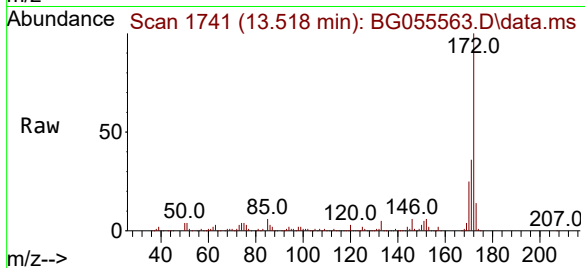
Tgt Ion:172 Resp: 733686

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 25.1 19.8 29.6



#48

2-Nitroaniline

Concen: 4.388 ng

RT: 13.512 min Scan# 1740

Delta R.T. -0.452 min

Lab File: BG055563.D

Acq: 11 Nov 2022 12:15

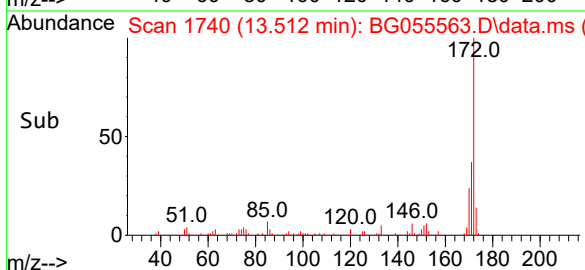
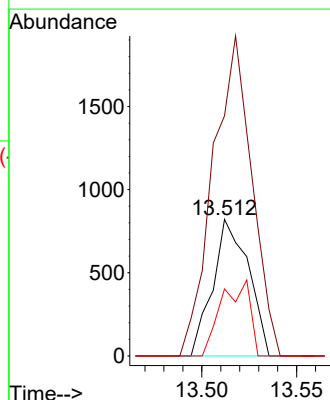
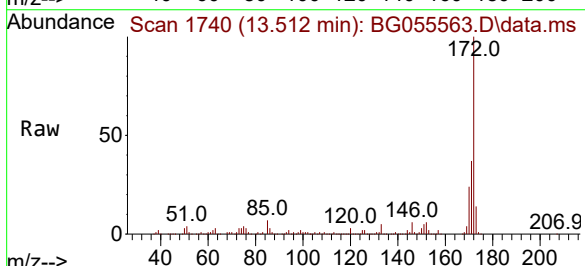
Tgt Ion: 65 Resp: 1076

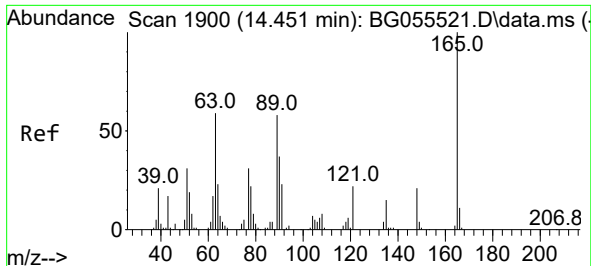
Ion Ratio Lower Upper

65 100

92 175.9 51.6 77.4#

138 49.1 77.0 115.4#

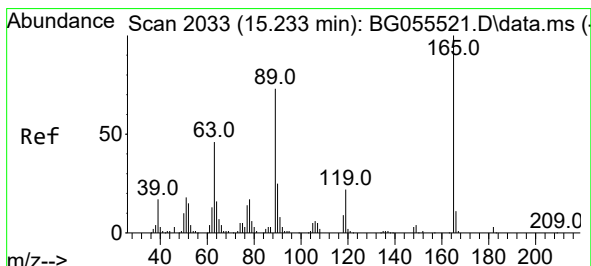
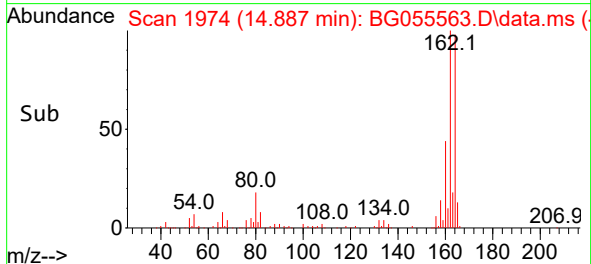
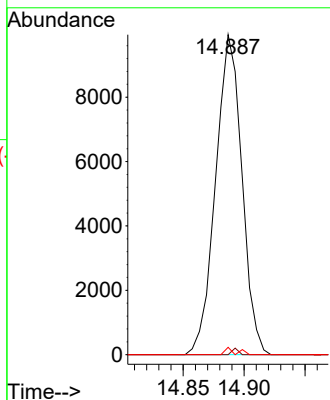
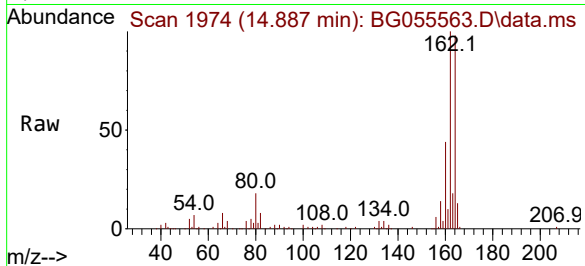




#51
2,6-Dinitrotoluene
Concen: 12.372 ng
RT: 14.887 min Scan# 1900
Delta R.T. 0.436 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

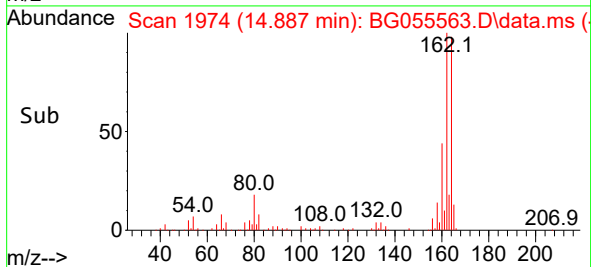
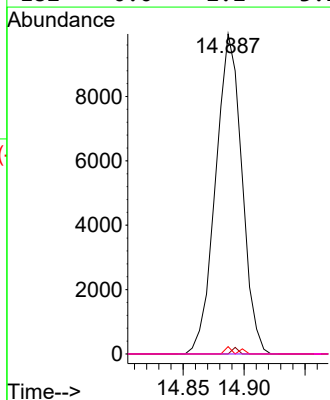
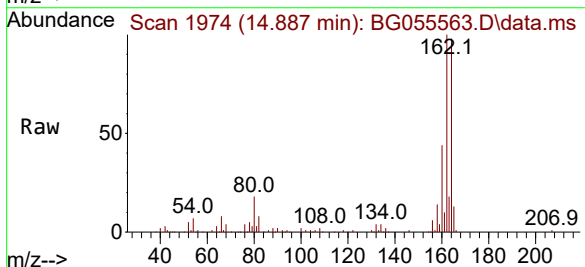
Instrument :
BNA_G
ClientSampleId :
TP-5

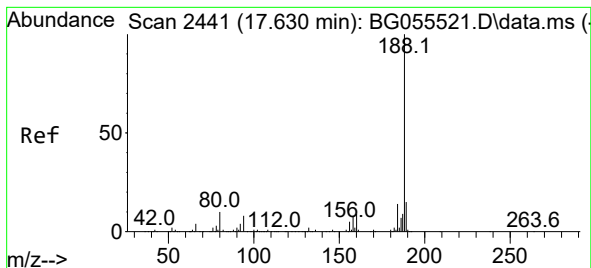
Tgt Ion:165 Resp: 14941
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 2.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.529 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.346 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

Tgt Ion:165 Resp: 14941
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 2.3 58.6 87.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.631 min Scan# 2441

Delta R.T. 0.001 min

Lab File: BG055563.D

Acq: 11 Nov 2022 12:15

Instrument :

BNA_G

ClientSampleId :

TP-5

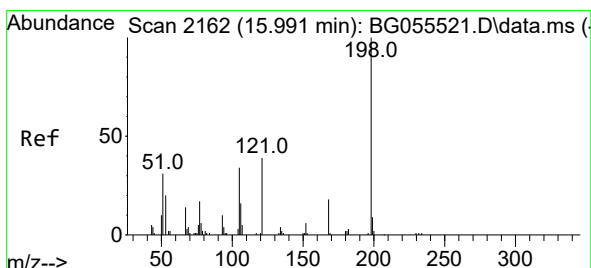
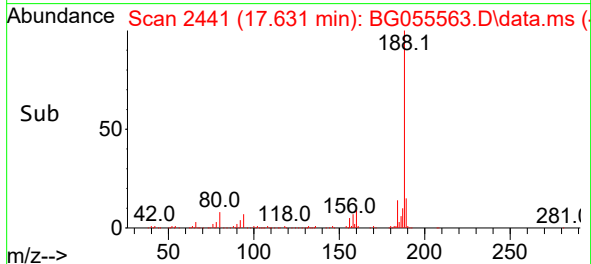
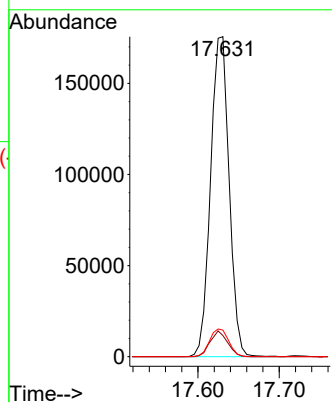
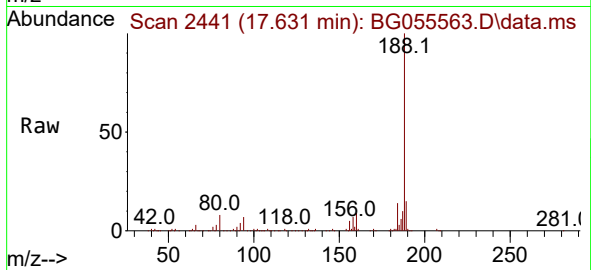
Tgt Ion:188 Resp: 278480

Ion Ratio Lower Upper

188 100

94 6.6 6.4 9.6

80 8.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.817 ng

RT: 16.367 min Scan# 2226

Delta R.T. 0.376 min

Lab File: BG055563.D

Acq: 11 Nov 2022 12:15

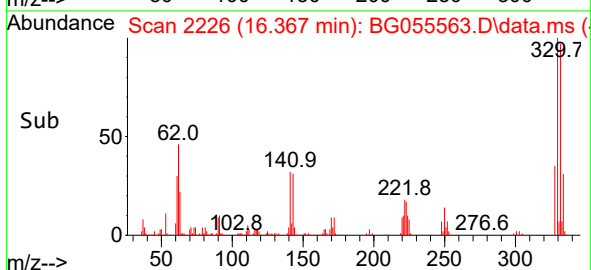
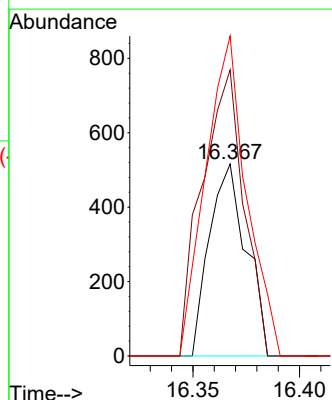
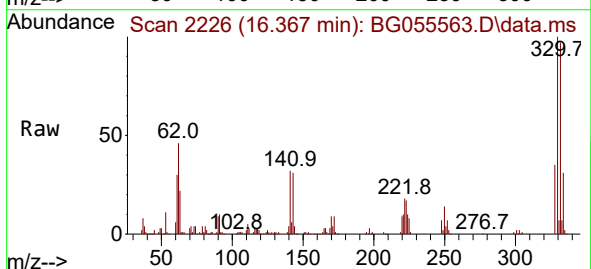
Tgt Ion:198 Resp: 619

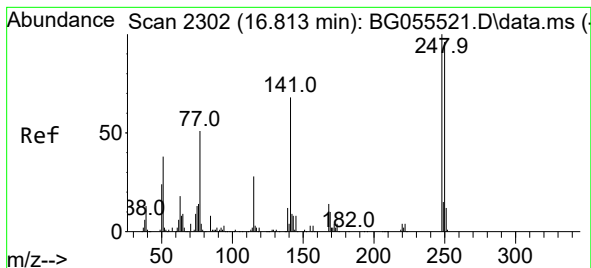
Ion Ratio Lower Upper

198 100

51 149.0 24.7 64.7#

105 166.7 17.6 57.6#

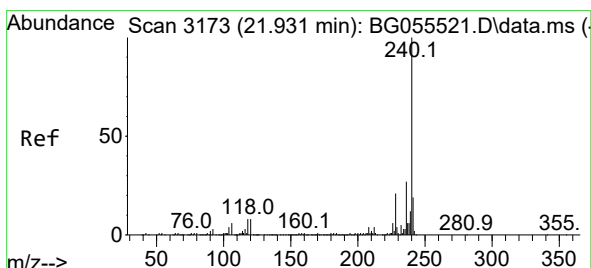
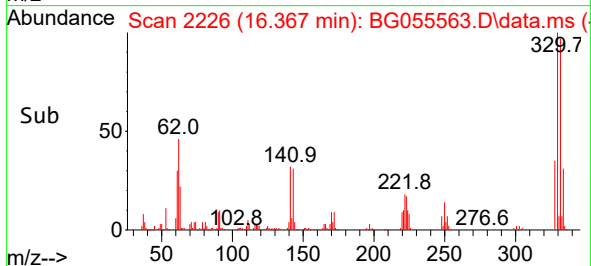
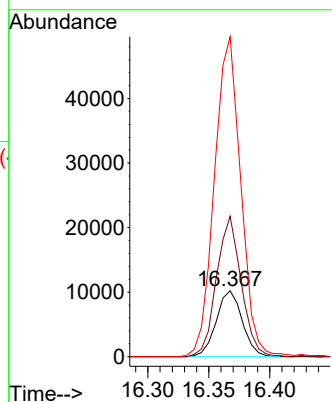
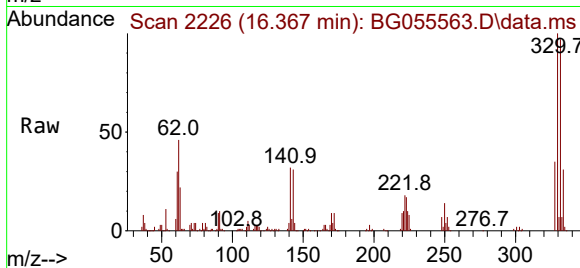




#67
4-Bromophenyl-phenylether
Concen: 5.312 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

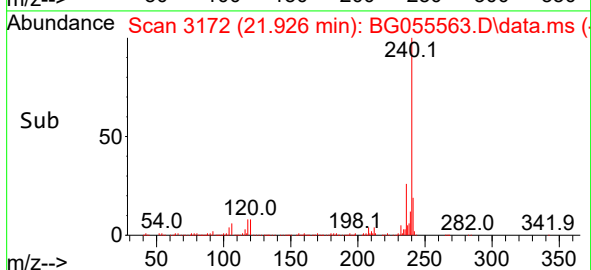
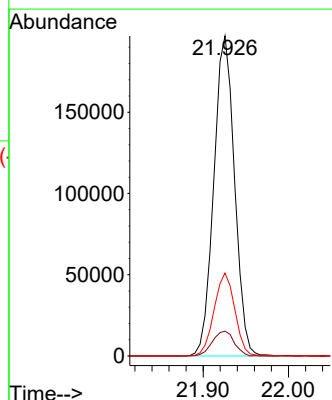
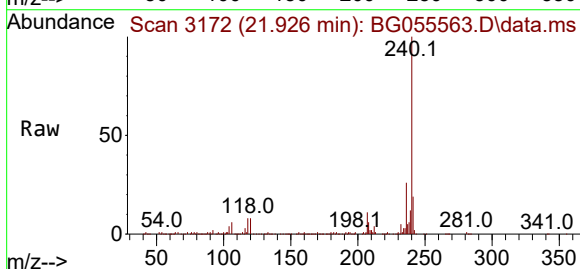
Instrument :
BNA_G
ClientSampleId :
TP-5

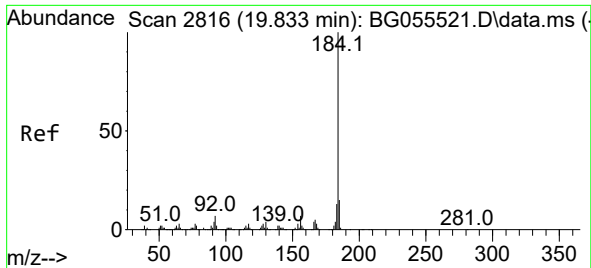
Tgt Ion:248 Resp: 15092
Ion Ratio Lower Upper
248 100
250 213.2 76.9 115.3#
141 485.6 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

Tgt Ion:240 Resp: 332717
Ion Ratio Lower Upper
240 100
120 7.8 6.1 9.1
236 25.9 21.4 32.0

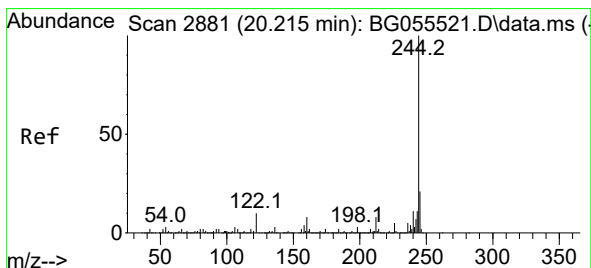
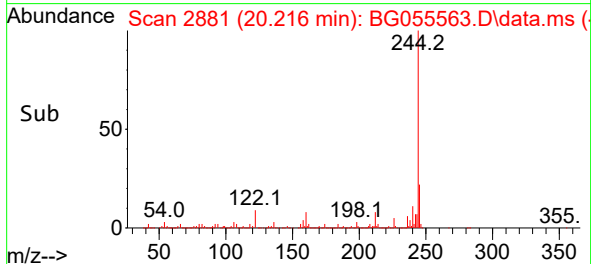
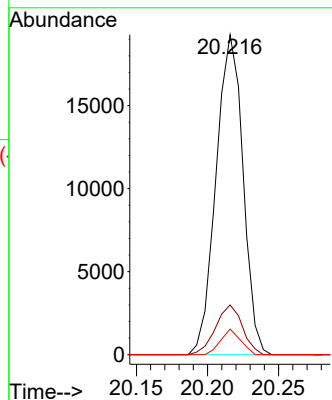
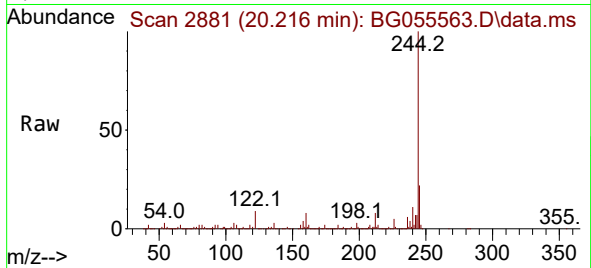




#77
Benzidine
Concen: 2.820 ng
RT: 20.216 min Scan# 2816
Delta R.T. 0.383 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

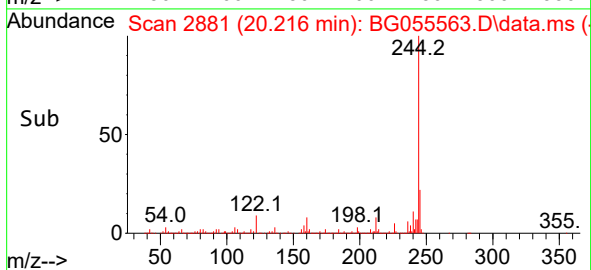
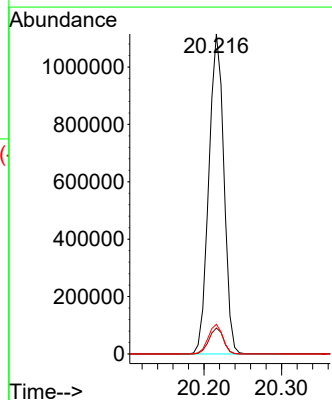
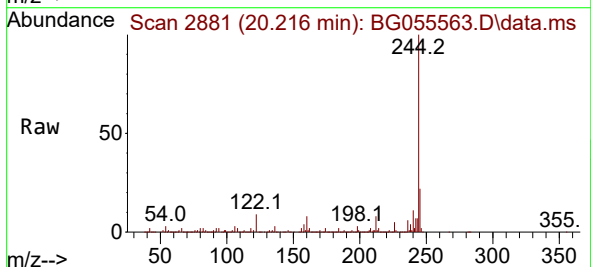
Instrument :
BNA_G
ClientSampleId :
TP-5

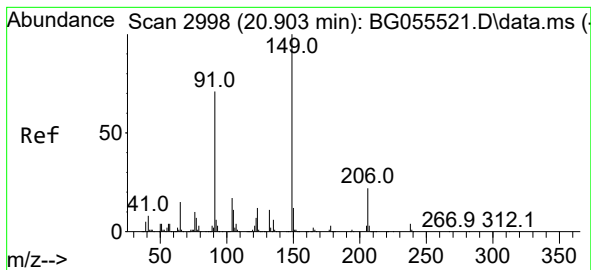
Tgt Ion:184 Resp: 25381
Ion Ratio Lower Upper
184 100
185 15.6 12.0 18.0
183 8.0 10.2 15.2#



#79
Terphenyl-d14
Concen: 90.943 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055563.D
Acq: 11 Nov 2022 12:15

Tgt Ion:244 Resp: 1506472
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.2 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.451 ng

RT: 20.903 min Scan# 2998

Delta R.T. 0.000 min

Lab File: BG055563.D

Acq: 11 Nov 2022 12:15

Instrument :

BNA_G

ClientSampleId :

TP-5

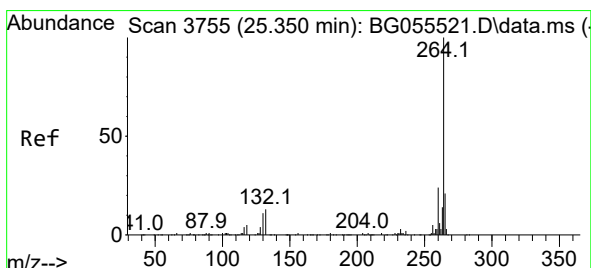
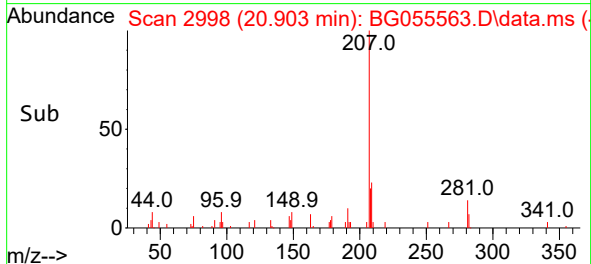
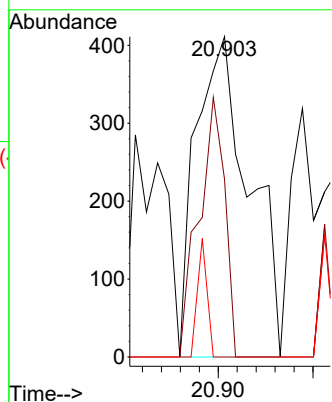
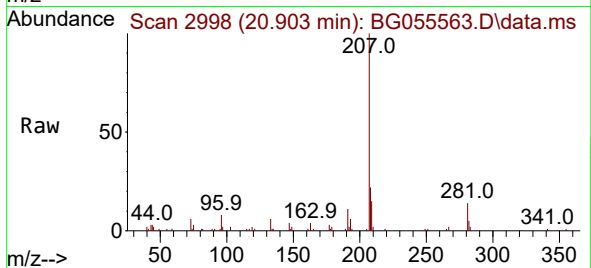
Tgt Ion:149 Resp: 802

Ion Ratio Lower Upper

149 100

91 55.5 56.8 85.2#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.345 min Scan# 3754

Delta R.T. -0.005 min

Lab File: BG055563.D

Acq: 11 Nov 2022 12:15

Tgt Ion:264 Resp: 339867

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.6 17.1 25.7

