

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057570.D
 Acq On : 25 May 2023 23:20
 Operator : CG/JU
 Sample : 02908-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP01

Quant Time: May 26 03:02:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

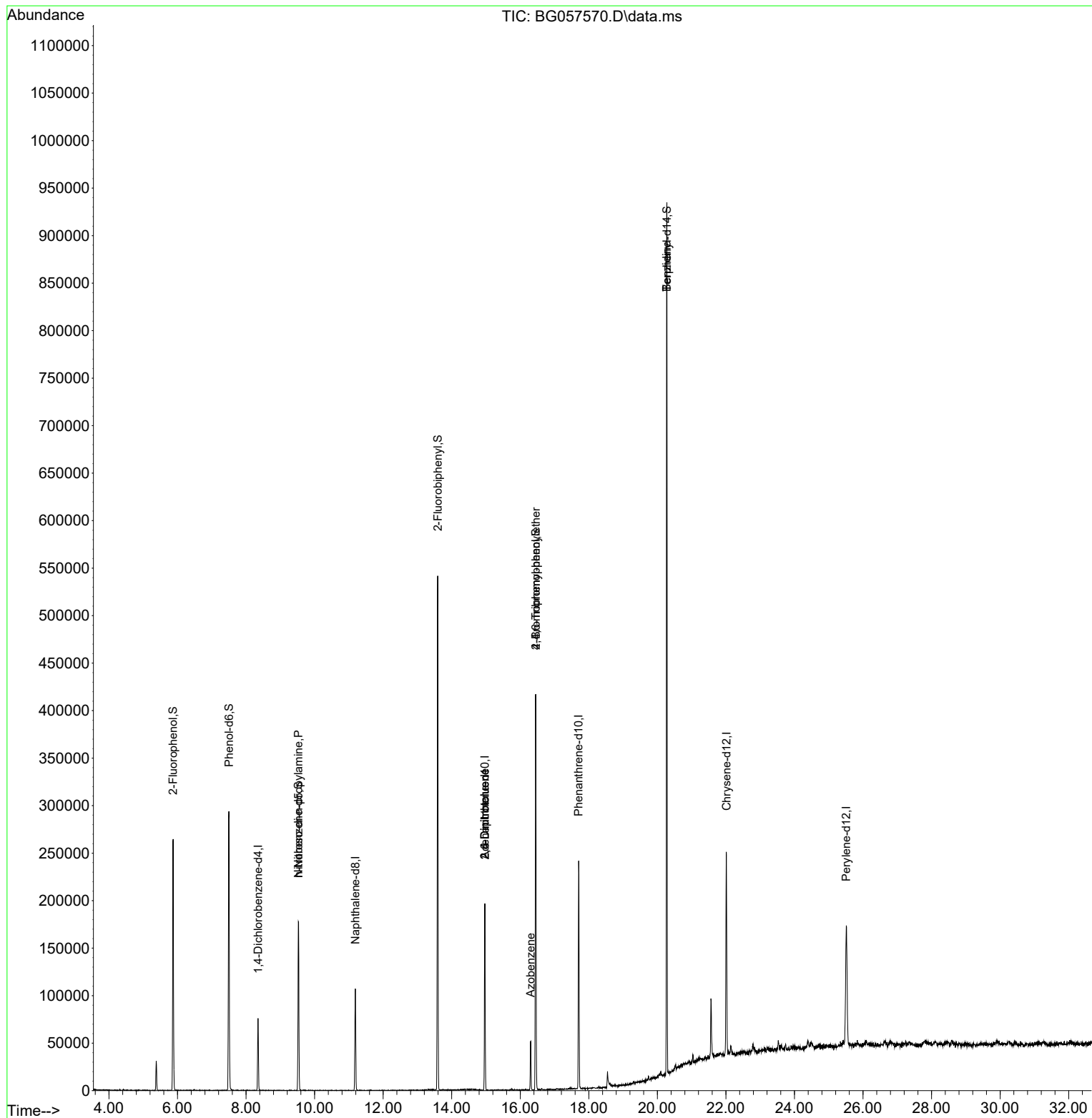
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.352	152	22997	20.000	ng	0.00
21) Naphthalene-d8	11.189	136	92270	20.000	ng	0.00
39) Acenaphthene-d10	14.966	164	69749	20.000	ng	0.00
64) Phenanthrene-d10	17.704	188	160662	20.000	ng	0.00
76) Chrysene-d12	22.015	240	139906	20.000	ng	0.00
86) Perylene-d12	25.511	264	150195	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	122380	91.031	ng	0.00
7) Phenol-d6	7.500	99	186793	91.499	ng	0.00
23) Nitrobenzene-d5	9.532	82	118484	53.895	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	90283	91.226	ng	0.00
45) 2-Fluorobiphenyl	13.592	172	290054	56.007	ng	0.00
79) Terphenyl-d14	20.277	244	486163	56.708	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.506	77	278	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.532	70	16332	10.492	ng	# 73
51) 2,6-Dinitrotoluene	14.966	165	9455	8.079	ng	# 17
57) 2,4-Dinitrotoluene	14.966	165	9455	5.653	ng	# 20
63) Azobenzene	16.300	77	15518	2.763	ng	# 1
67) 4-Bromophenyl-phenylether	16.452	248	6147	3.134	ng	# 1
77) Benzidine	20.271	184	7109	2.273	ng	# 85

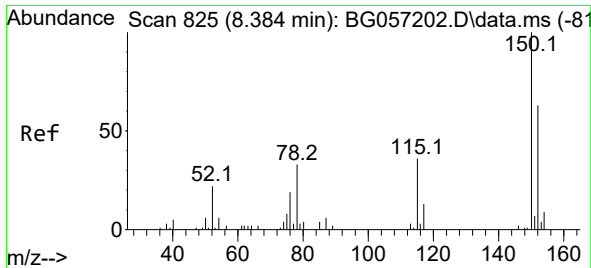
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
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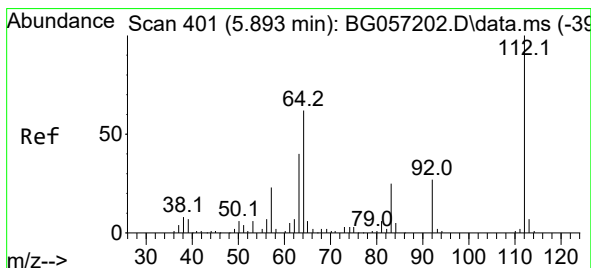
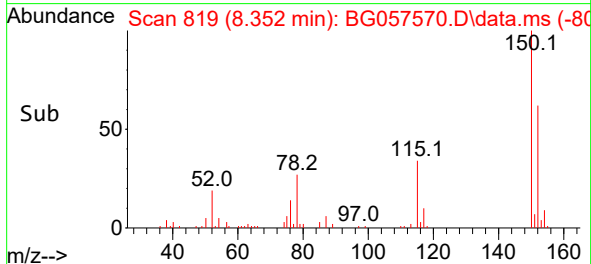
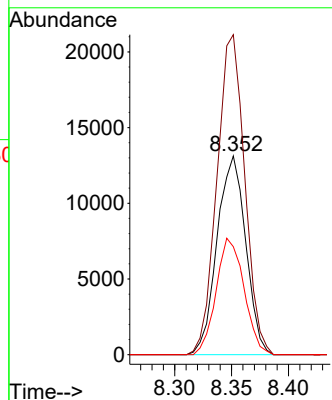
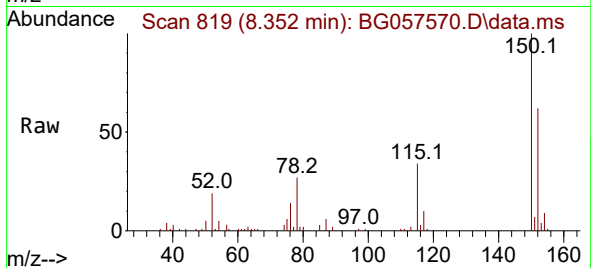




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.352 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

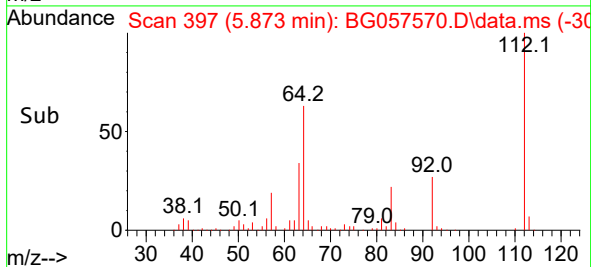
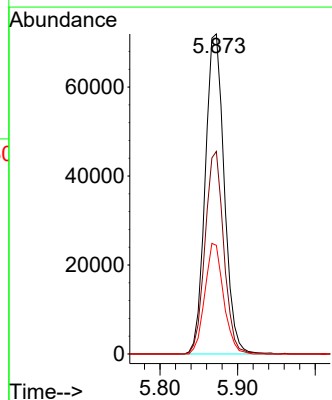
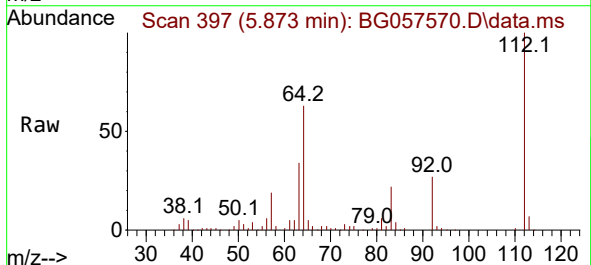
Instrument :
BNA_G
ClientSampleId :
DUP01

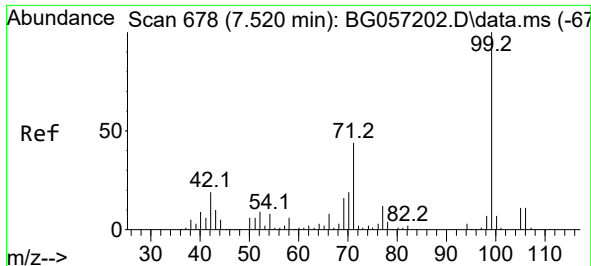
Tgt Ion:152 Resp: 22997
Ion Ratio Lower Upper
152 100
150 161.0 126.2 189.4
115 54.4 45.0 67.4



#5
2-Fluorophenol
Concen: 91.031 ng
RT: 5.873 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:112 Resp: 122380
Ion Ratio Lower Upper
112 100
64 63.3 49.4 74.2
63 34.0 31.6 47.4

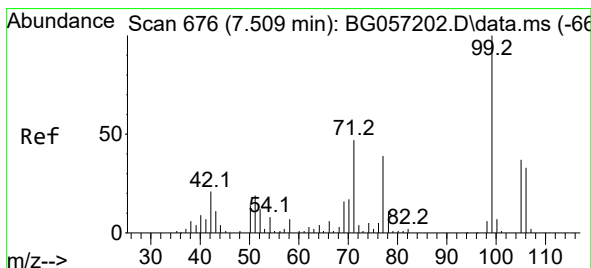
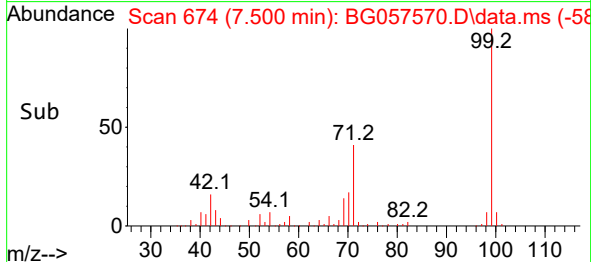
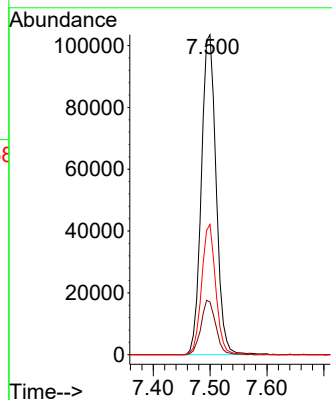
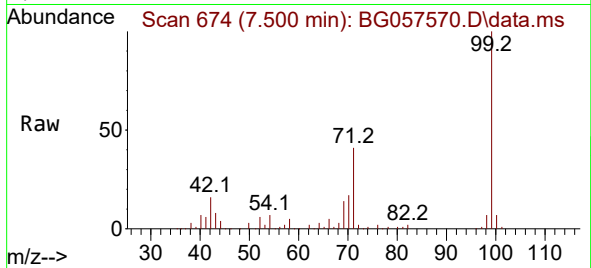




#7
Phenol-d6
Concen: 91.499 ng
RT: 7.500 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

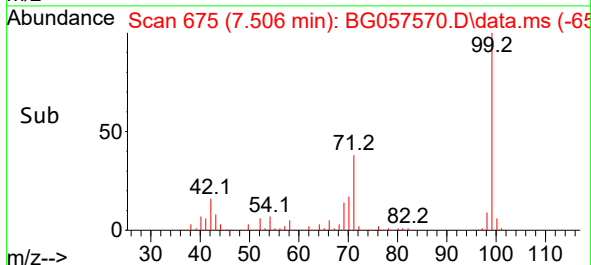
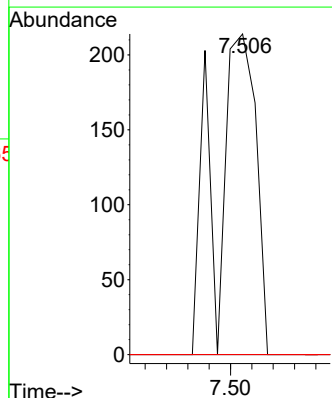
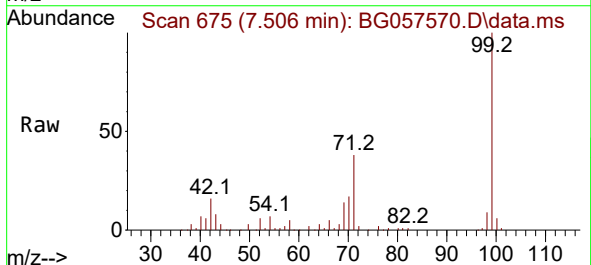
Instrument :
BNA_G
ClientSampleId :
DUP01

Tgt Ion: 99 Resp: 186793
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 40.7 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.506 min Scan# 675
Delta R.T. 0.024 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion: 77 Resp: 278
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

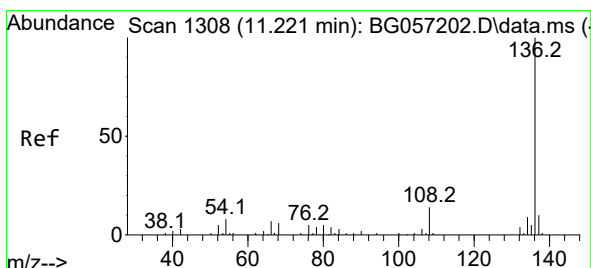
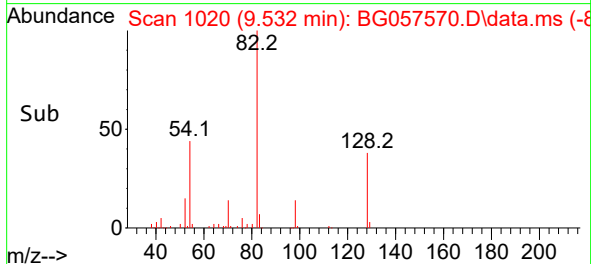
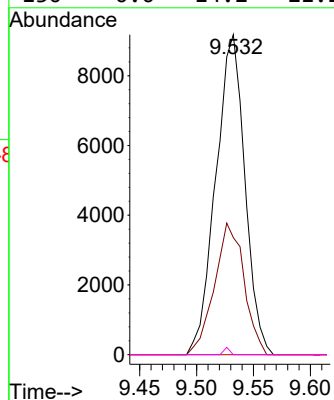
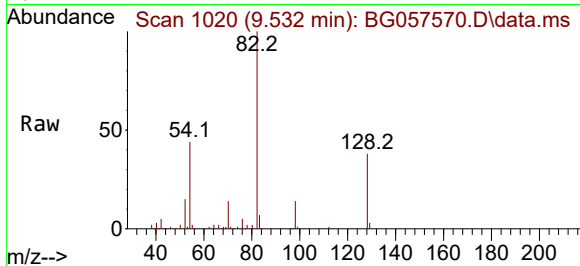




#19
n-Nitroso-di-n-propylamine
Concen: 10.492 ng
RT: 9.532 min Scan# 1020
Delta R.T. 0.376 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

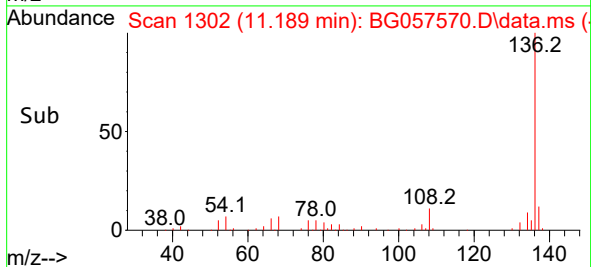
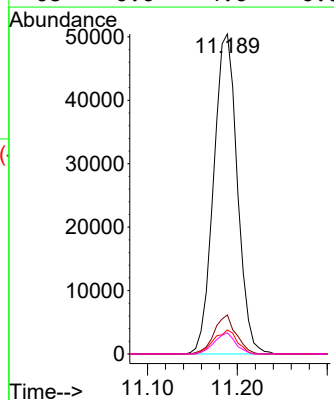
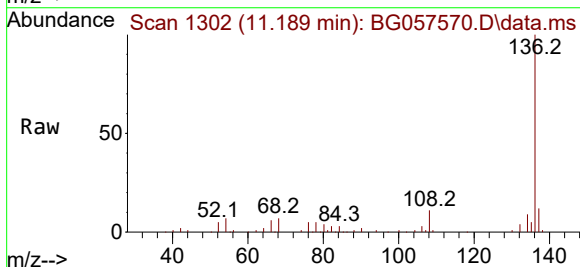
Instrument :
BNA_G
ClientSampleId :
DUP01

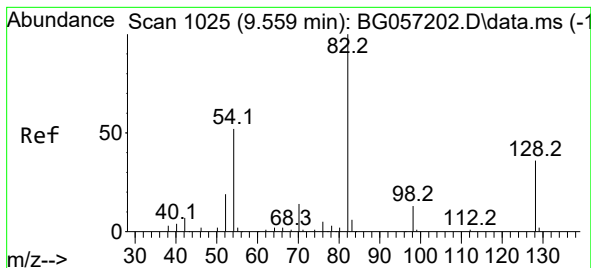
Tgt Ion: 70 Resp: 16332
Ion Ratio Lower Upper
70 100
42 36.6 41.8 62.8#
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.189 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:136 Resp: 92270
Ion Ratio Lower Upper
136 100
137 12.2 8.3 12.5
54 7.5 6.7 10.1
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 53.895 ng

RT: 9.532 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BG057570.D

Acq: 25 May 2023 23:20

Instrument :

BNA_G

ClientSampleId :

DUP01

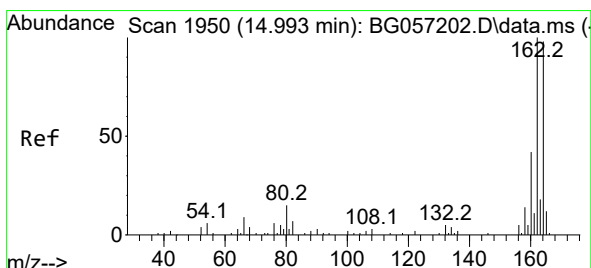
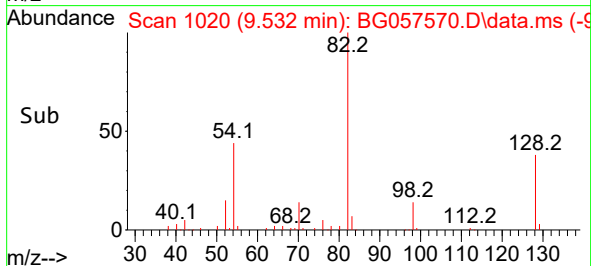
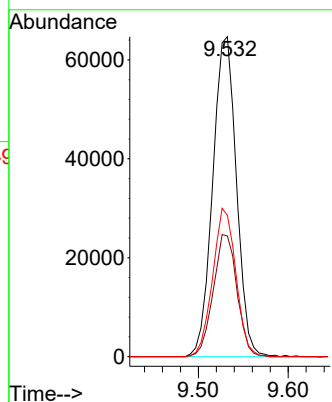
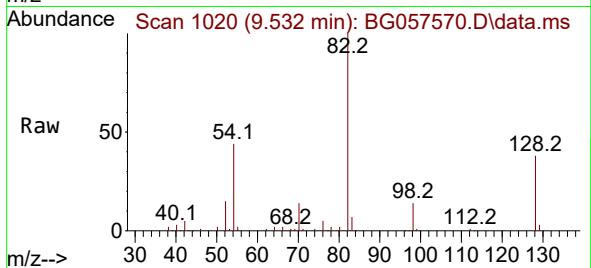
Tgt Ion: 82 Resp: 118484

Ion Ratio Lower Upper

82 100

128 37.7 29.0 43.4

54 44.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.966 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BG057570.D

Acq: 25 May 2023 23:20

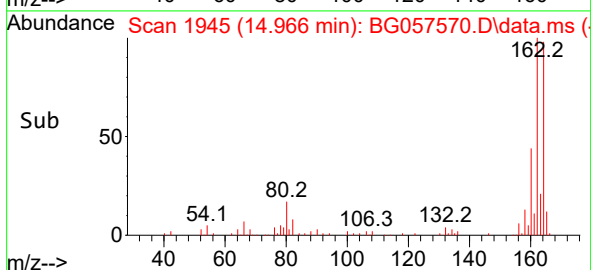
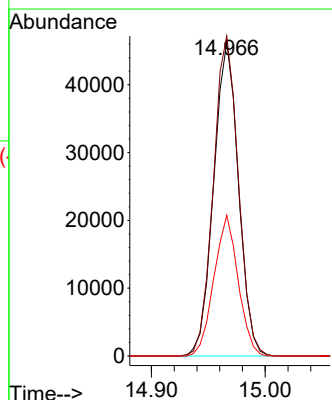
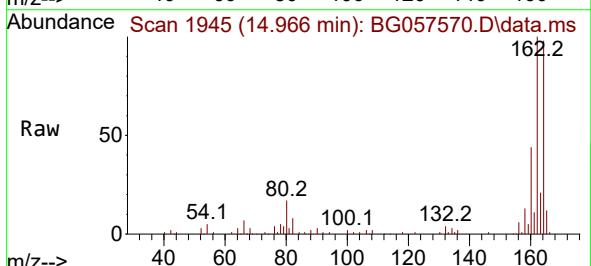
Tgt Ion:164 Resp: 69749

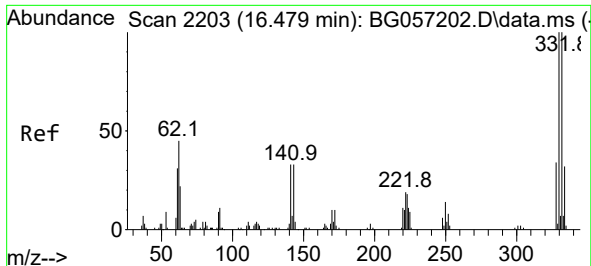
Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 44.8 34.6 52.0

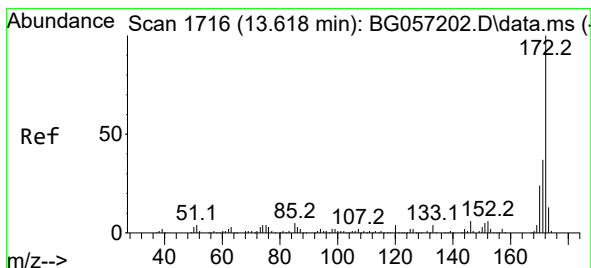
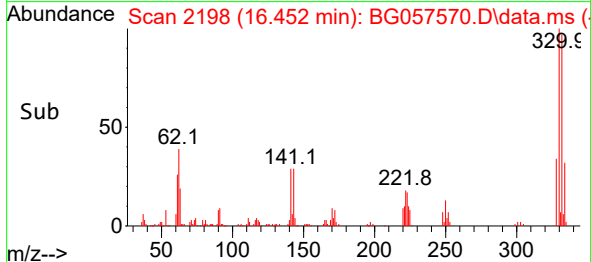
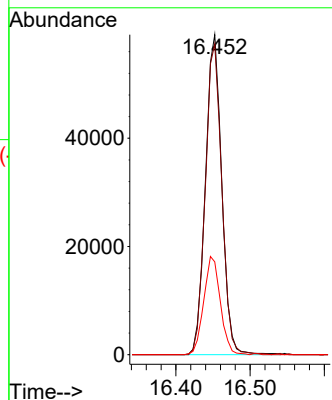
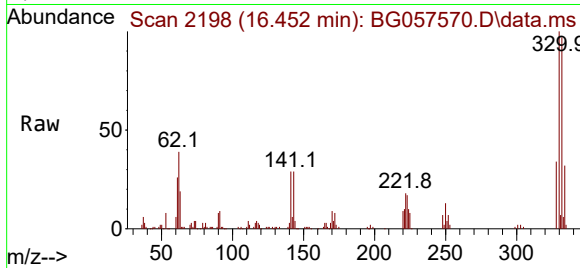




#42
2,4,6-Tribromophenol
Concen: 91.226 ng
RT: 16.452 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

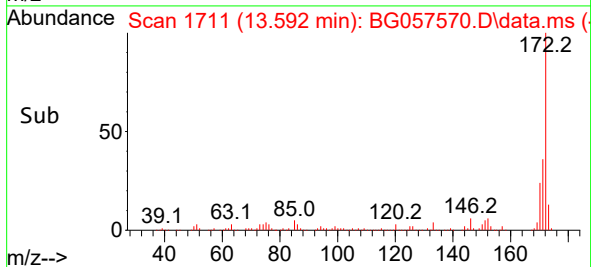
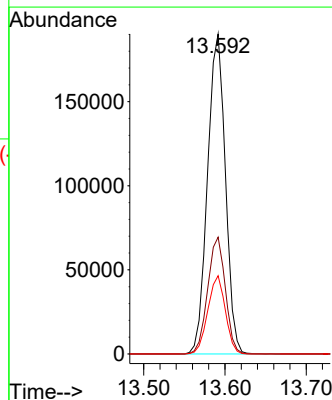
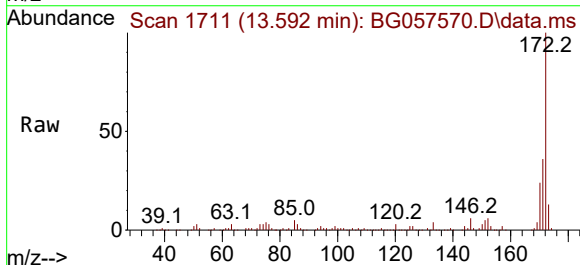
Instrument :
BNA_G
ClientSampleId :
DUP01

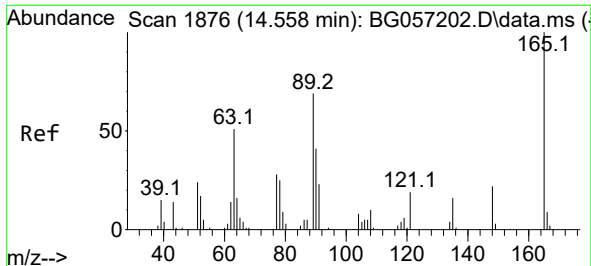
Tgt Ion:330 Resp: 90283
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.2
141 31.3 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 56.007 ng
RT: 13.592 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:172 Resp: 290054
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.4 19.0 28.6

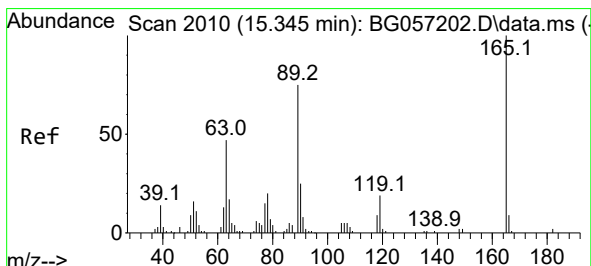
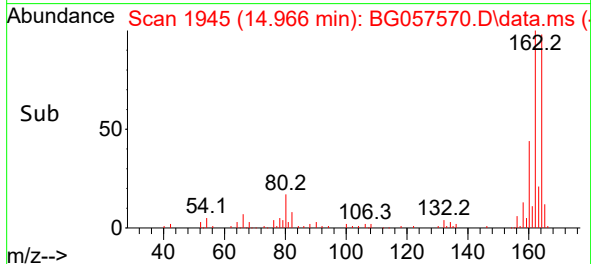
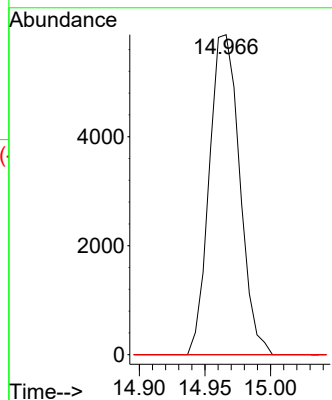
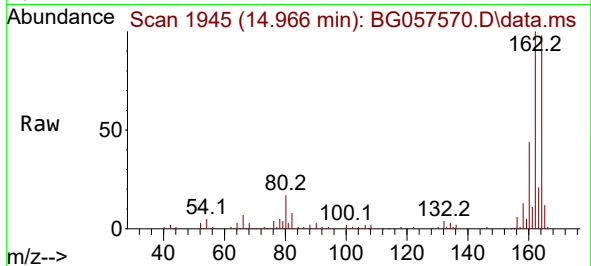




#51
2,6-Dinitrotoluene
Concen: 8.079 ng
RT: 14.966 min Scan# 1945
Delta R.T. 0.423 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

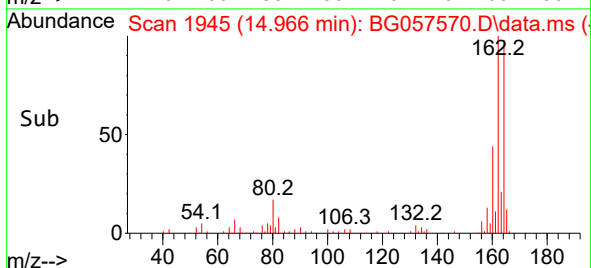
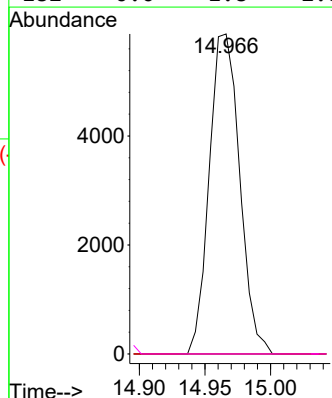
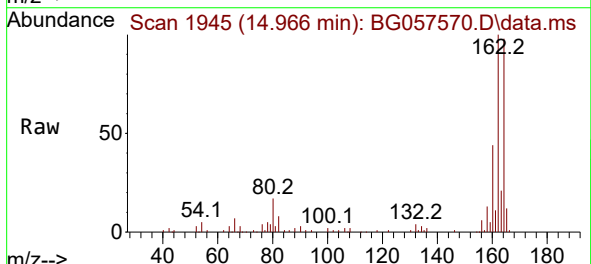
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BNA_G
ClientSampleId :
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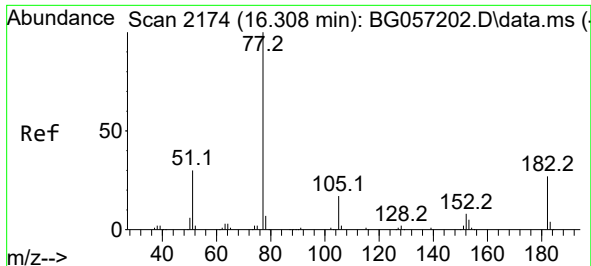
Tgt Ion:165 Resp: 9455
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.653 ng
RT: 14.966 min Scan# 1945
Delta R.T. -0.364 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:165 Resp: 9455
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#

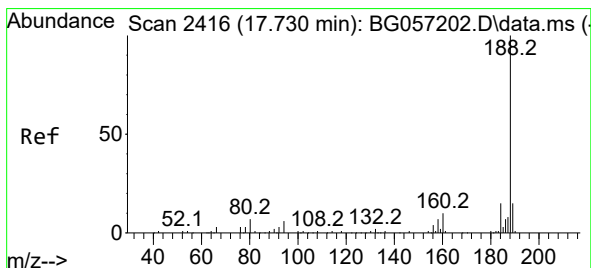
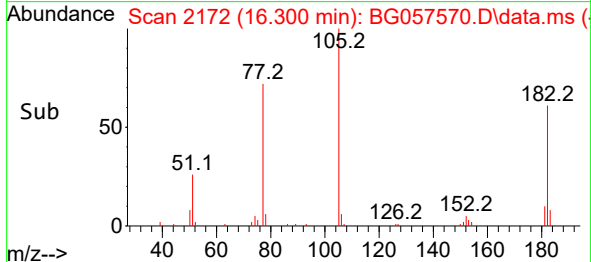
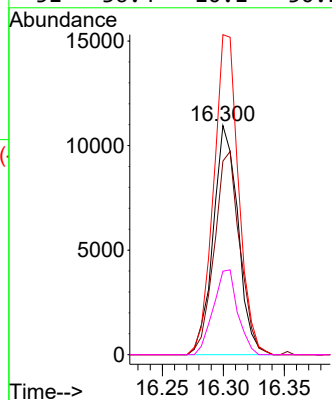
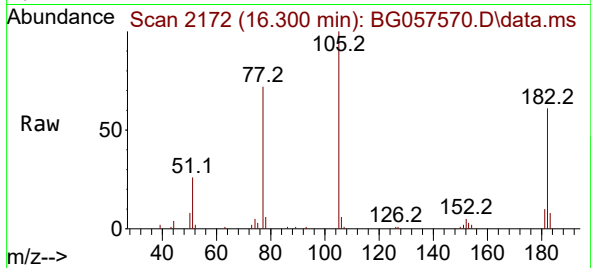




#63
Azobenzene
Concen: 2.763 ng
RT: 16.300 min Scan# 2174
Delta R.T. 0.018 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

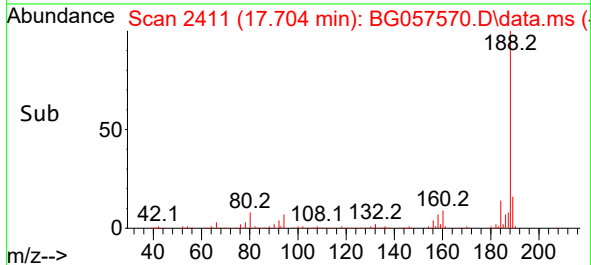
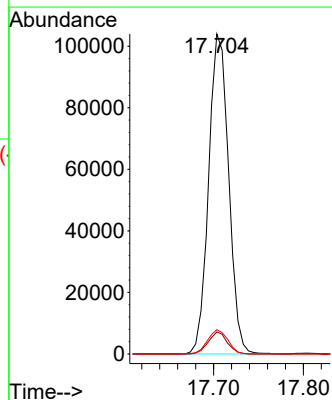
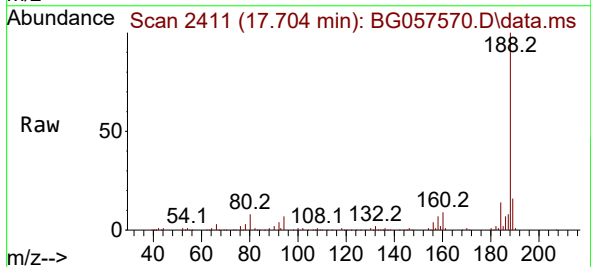
Instrument :
BNA_G
ClientSampleId :
DUP01

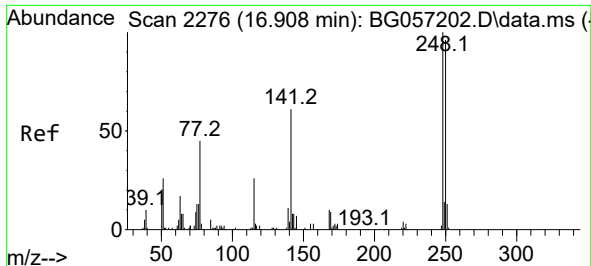
Tgt Ion: 77 Resp: 15518
Ion Ratio Lower Upper
77 100
182 84.5 7.4 47.4#
105 139.7 0.0 37.2#
51 36.4 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.704 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion: 188 Resp: 160662
Ion Ratio Lower Upper
188 100
94 6.9 5.1 7.7
80 7.6 5.7 8.5

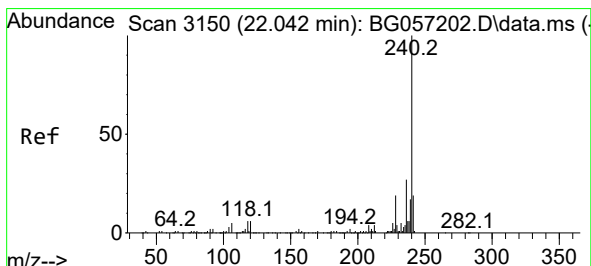
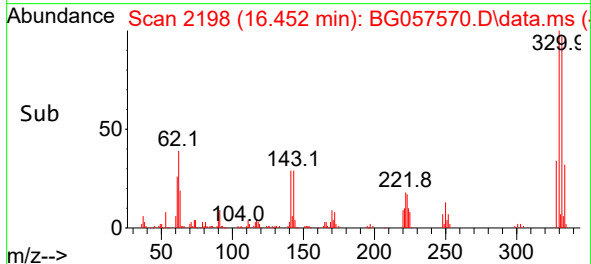
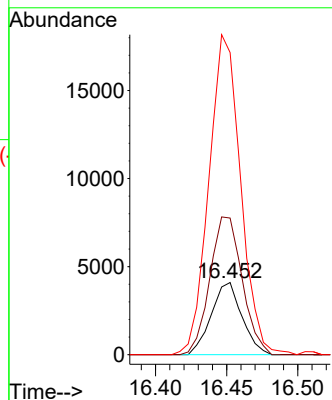
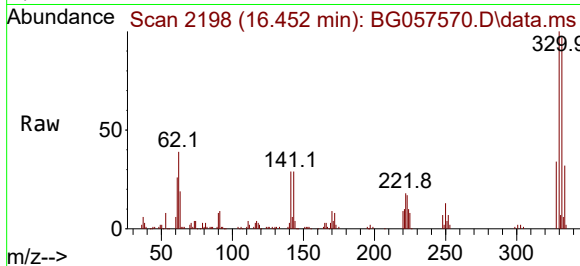




#67
4-Bromophenyl-phenylether
Concen: 3.134 ng
RT: 16.452 min Scan# 2198
Delta R.T. -0.434 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

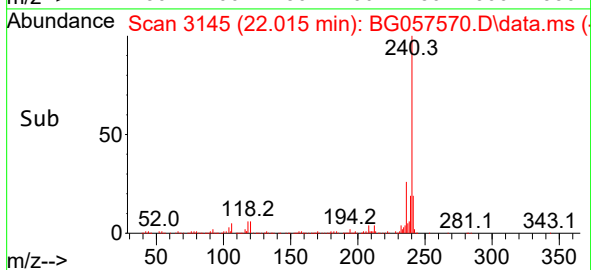
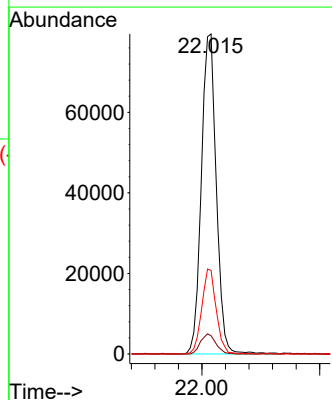
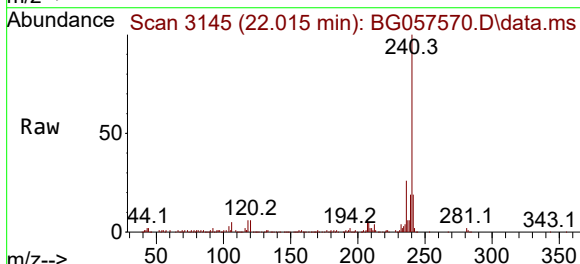
Instrument :
BNA_G
ClientSampleId :
DUP01

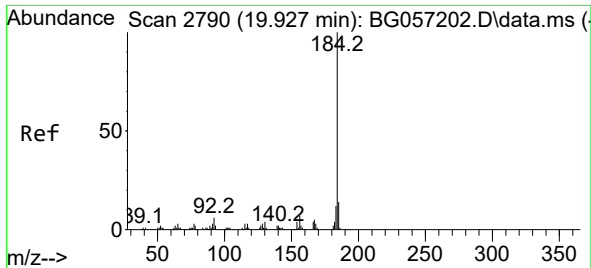
Tgt Ion:248 Resp: 6147
Ion Ratio Lower Upper
248 100
250 189.4 77.0 115.6#
141 418.6 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:240 Resp: 139906
Ion Ratio Lower Upper
240 100
120 5.7 4.9 7.3
236 26.1 21.4 32.2

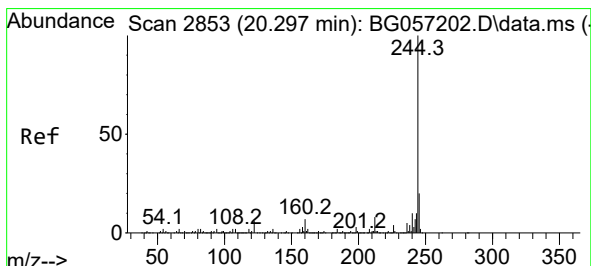
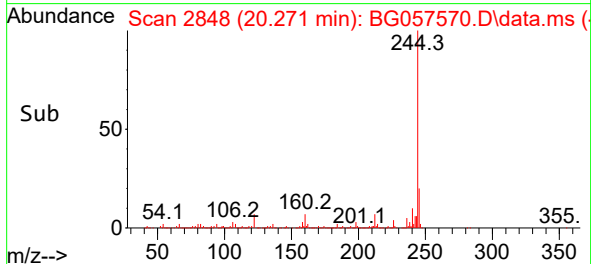
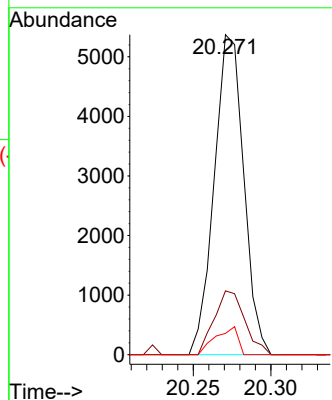
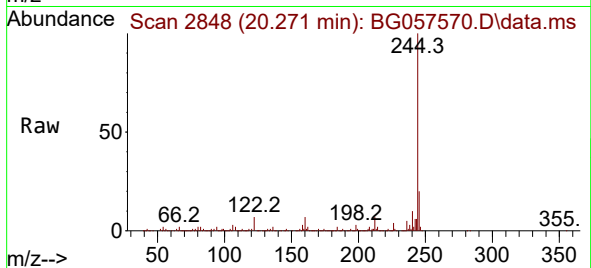




#77
Benzidine
Concen: 2.273 ng
RT: 20.271 min Scan# 2848
Delta R.T. 0.364 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

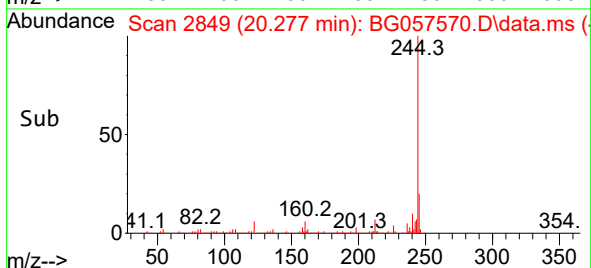
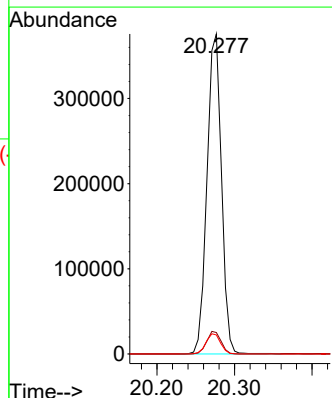
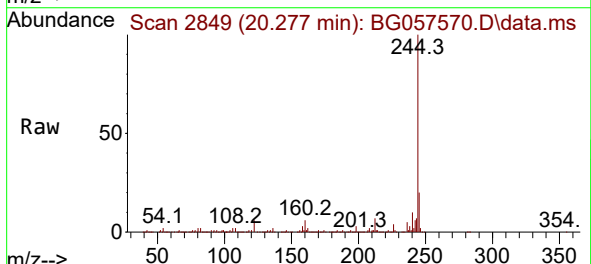
Instrument :
BNA_G
ClientSampleId :
DUP01

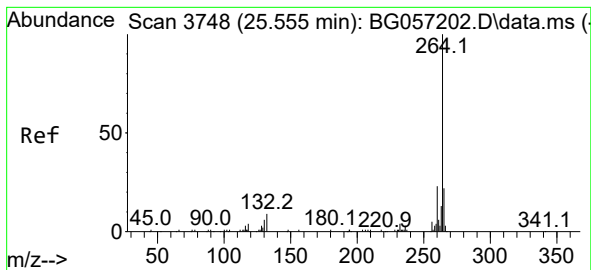
Tgt Ion:184 Resp: 7109
Ion Ratio Lower Upper
184 100
185 20.0 11.1 16.7#
183 6.6 9.9 14.9#



#79
Terphenyl-d14
Concen: 56.708 ng
RT: 20.277 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG057570.D
Acq: 25 May 2023 23:20

Tgt Ion:244 Resp: 486163
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 6.0 5.1 7.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.511 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG057570.D
 Acq: 25 May 2023 23:20

Instrument :
 BNA_G
 ClientSampleId :
 DUP01

Tgt Ion:264 Resp: 150195
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.4 17.9 26.9

