

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057478.D
 Acq On : 19 May 2023 22:18
 Operator : CG/JU
 Sample : 02848-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP4

Quant Time: May 20 04:30:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

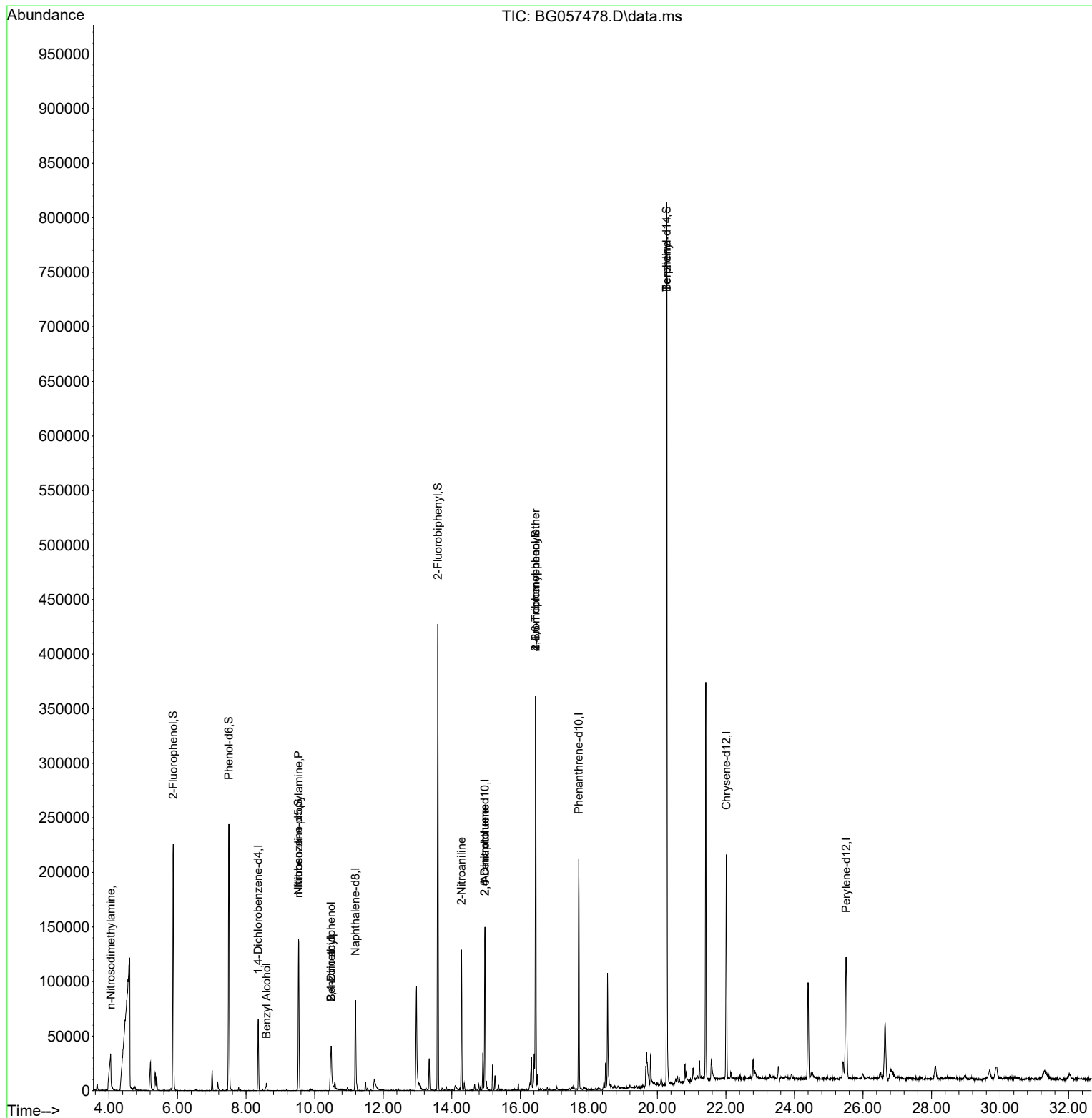
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	18286	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	73557	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	54897	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	137862	20.000	ng	# 0.00
76) Chrysene-d12	22.013	240	131878	20.000	ng	0.00
86) Perylene-d12	25.508	264	140873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	98011	91.687	ng	0.00
7) Phenol-d6	7.497	99	145331	89.529	ng	0.00
23) Nitrobenzene-d5	9.530	82	90501	51.639	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	72540	93.128	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	229621	56.333	ng	0.00
79) Terphenyl-d14	20.274	244	429667	53.169	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	4.049	42	5365	8.037	ng	# 7
9) Benzaldehyde	7.497	77	436	Below Cal		# 4
15) Benzyl Alcohol	8.596	79	3344	2.473	ng	98
19) n-Nitroso-di-n-propyla...	9.536	70	12866	10.394	ng	# 81
27) 2,4-Dimethylphenol	10.481	122	23224	19.588	ng	# 1
32) Benzoic acid	10.481	122	23224	35.348	ng	92
48) 2-Nitroaniline	14.282	65	2706	2.627	ng	# 14
51) 2,6-Dinitrotoluene	14.964	165	7258	7.880	ng	# 17
57) 2,4-Dinitrotoluene	14.964	165	7258	5.514	ng	# 20
67) 4-Bromophenyl-phenylether	16.450	248	4936	2.933	ng	# 1
77) Benzidine	20.274	184	6046	2.051	ng	# 85

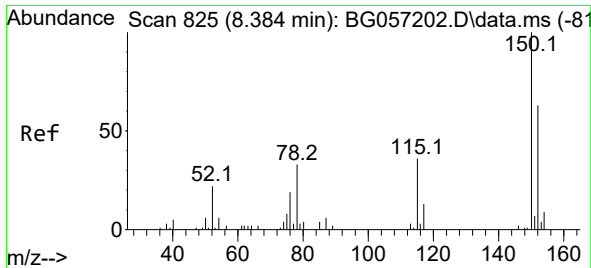
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057478.D
Acq On : 19 May 2023 22:18
Operator : CG/JU
Sample : 02848-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP4

Quant Time: May 20 04:30:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

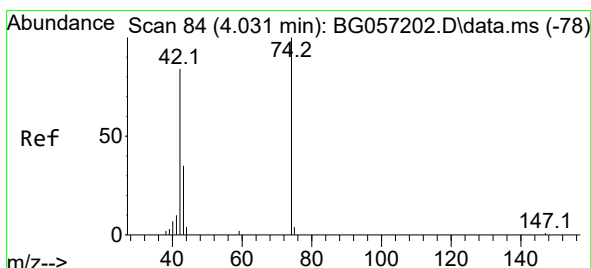
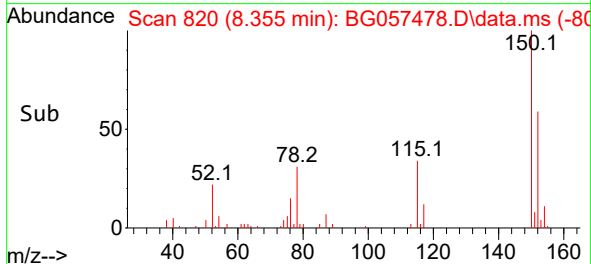
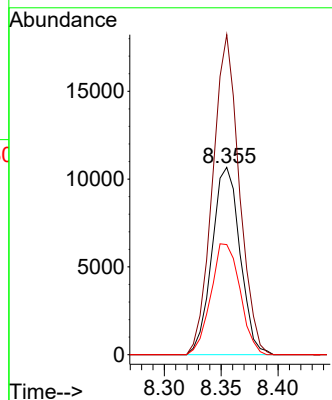
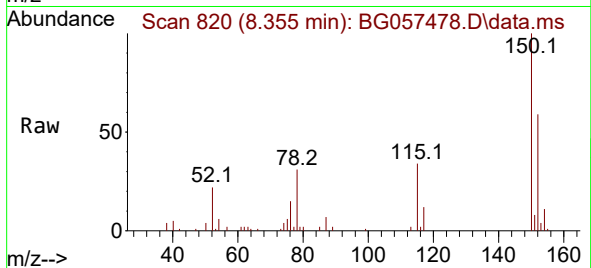




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

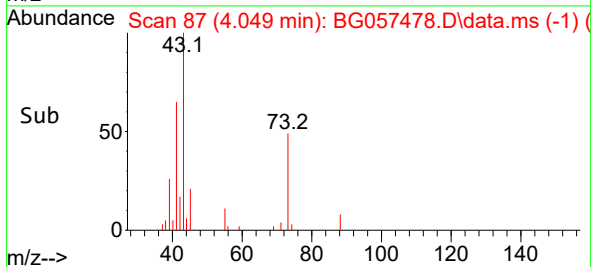
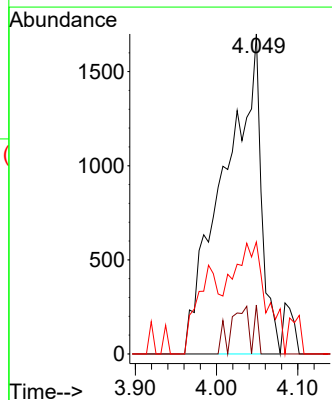
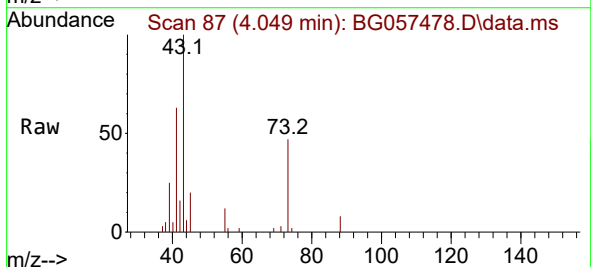
Instrument :
BNA_G
ClientSampleId :
TP4

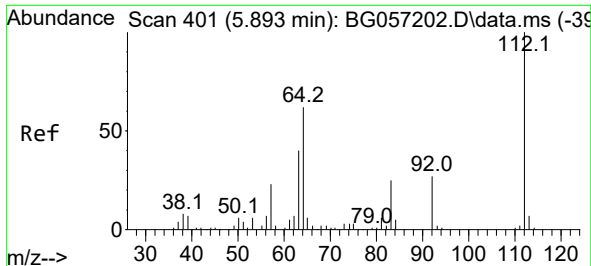
Tgt Ion:152 Resp: 18286
Ion Ratio Lower Upper
152 100
150 170.8 126.2 189.4
115 58.7 45.0 67.4



#4
n-Nitrosodimethylamine
Concen: 8.037 ng
RT: 4.049 min Scan# 87
Delta R.T. 0.040 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion: 42 Resp: 5365
Ion Ratio Lower Upper
42 100
74 15.3 95.1 142.7#
44 35.0 5.8 8.8#

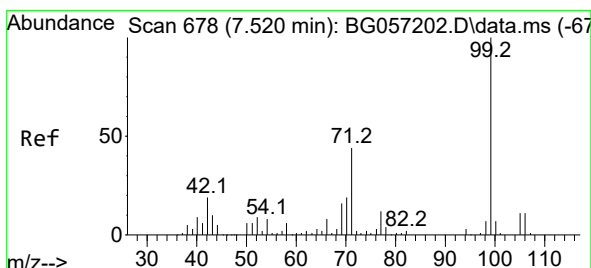
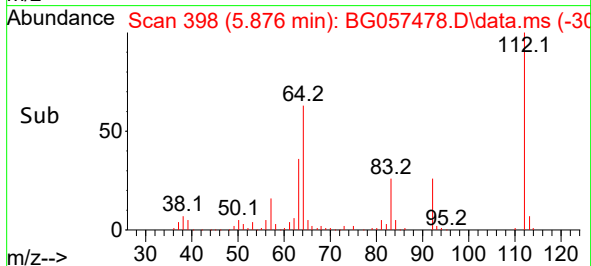
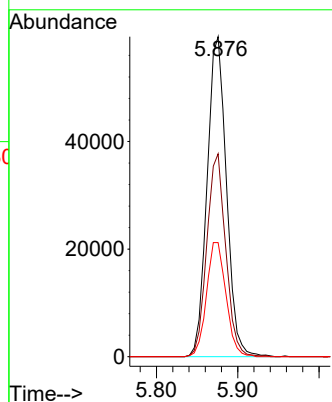
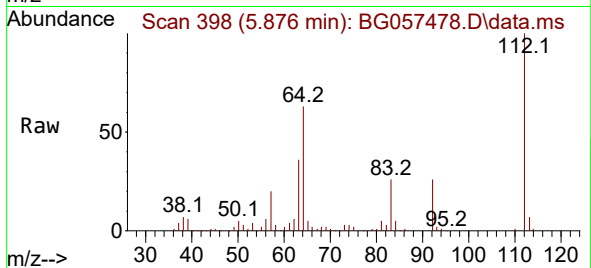




#5
2-Fluorophenol
Concen: 91.687 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

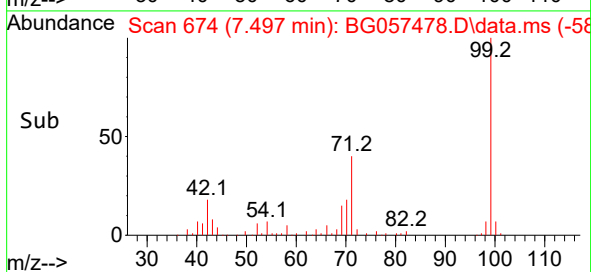
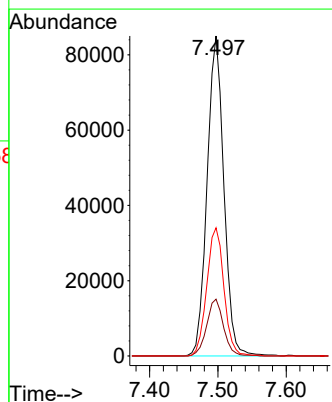
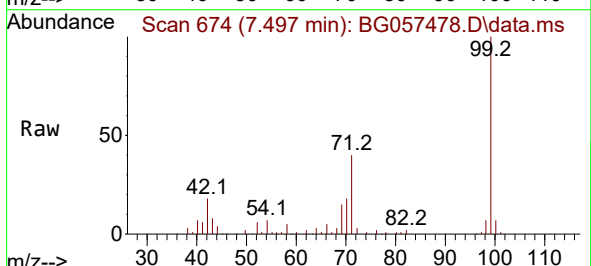
Instrument :
BNA_G
ClientSampleId :
TP4

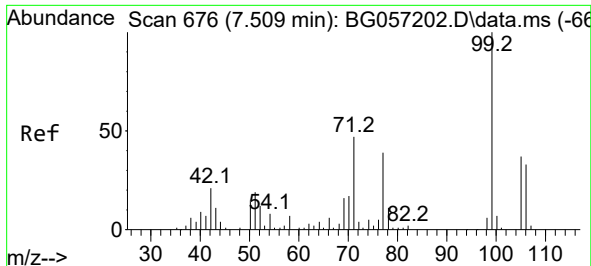
Tgt Ion:112 Resp: 98011
Ion Ratio Lower Upper
112 100
64 63.4 49.4 74.2
63 35.7 31.6 47.4



#7
Phenol-d6
Concen: 89.529 ng
RT: 7.497 min Scan# 674
Delta R.T. -0.001 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion: 99 Resp: 145331
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 40.1 35.2 52.8

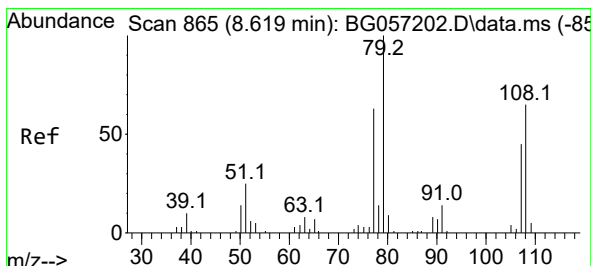
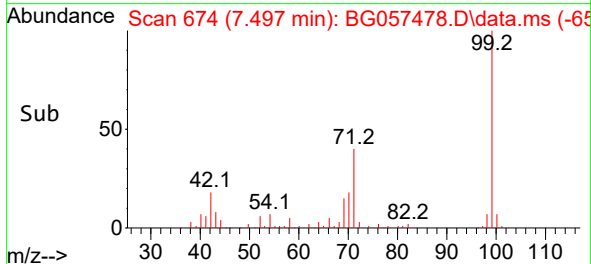
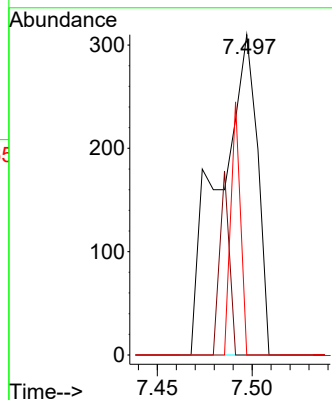
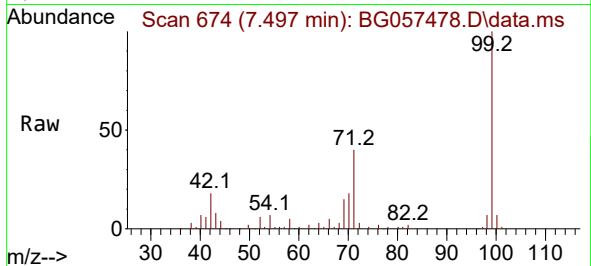




#9
Benzaldehyde
Concen: Below Cal
RT: 7.497 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

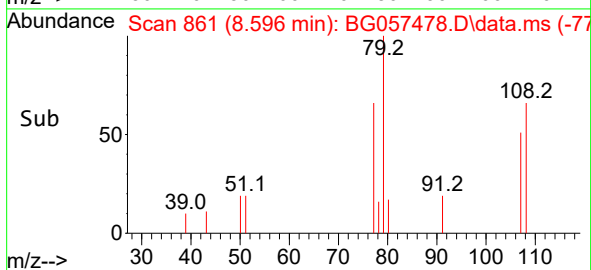
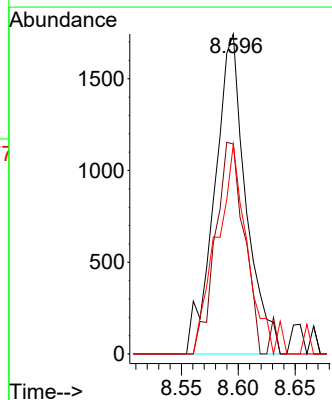
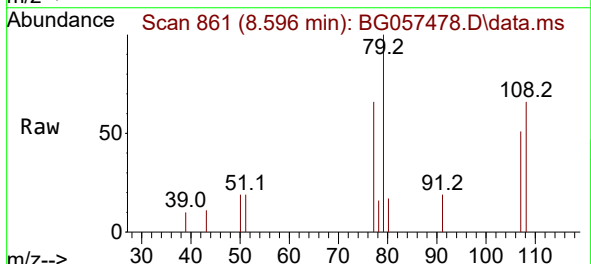
Instrument :
BNA_G
ClientSampleId :
TP4

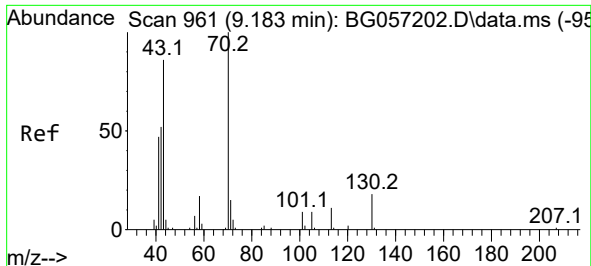
Tgt Ion: 77 Resp: 436
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#



#15
Benzyl Alcohol
Concen: 2.473 ng
RT: 8.596 min Scan# 861
Delta R.T. -0.001 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion: 79 Resp: 3344
Ion Ratio Lower Upper
79 100
108 65.6 52.2 78.2
77 65.6 50.1 75.1

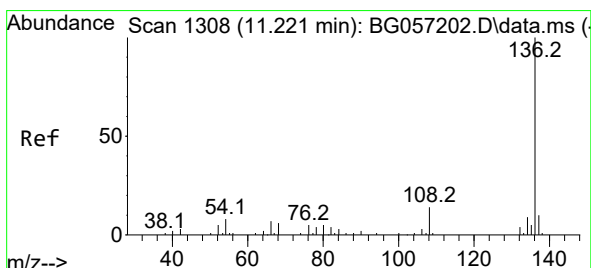
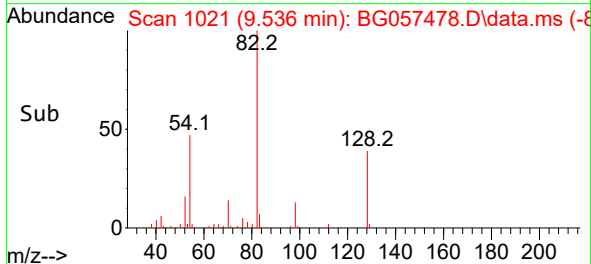
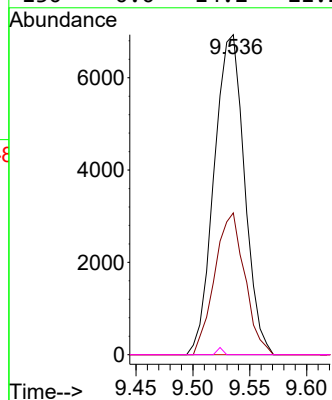
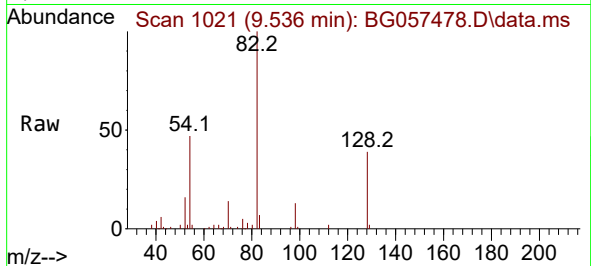




#19
n-Nitroso-di-n-propylamine
Concen: 10.394 ng
RT: 9.536 min Scan# 1021
Delta R.T. 0.375 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

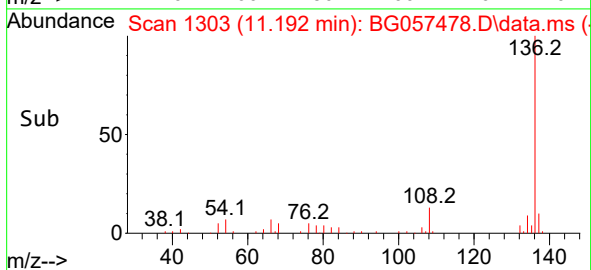
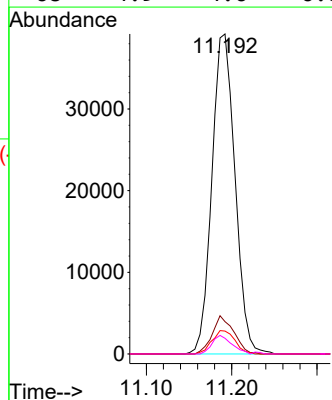
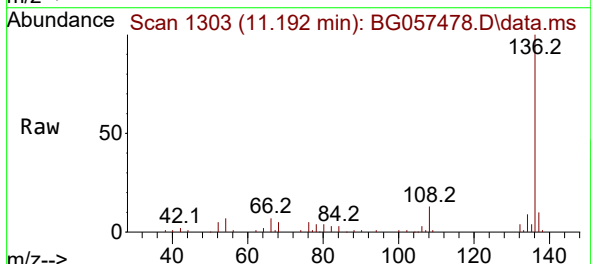
Instrument :
BNA_G
ClientSampleId :
TP4

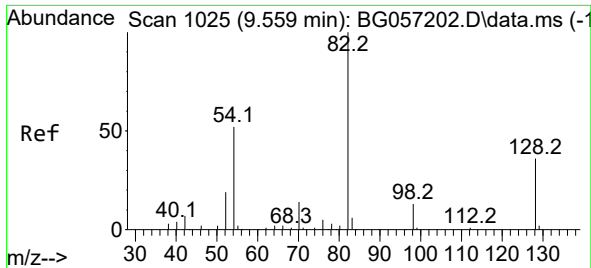
Tgt Ion:	70	Resp:	12866
Ion	Ratio	Lower	Upper
70	100		
42	44.3	41.8	62.8
101	0.0	6.8	10.2#
130	0.0	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion:	136	Resp:	73557
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.3	12.5
54	7.2	6.7	10.1
68	4.9	4.6	6.8

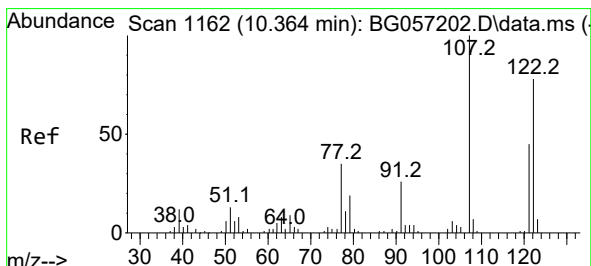
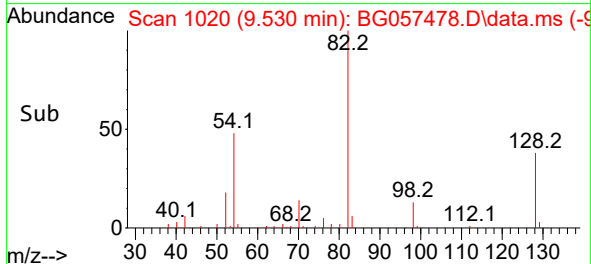
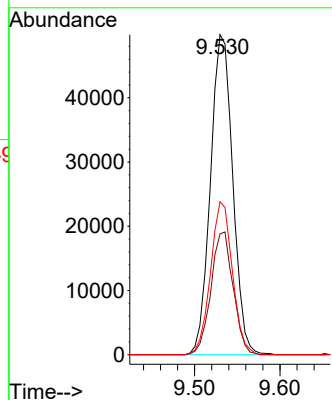
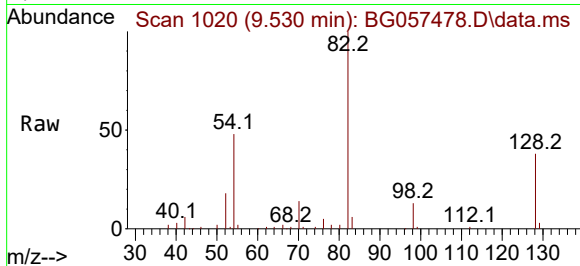




#23
Nitrobenzene-d5
Concen: 51.639 ng
RT: 9.530 min Scan# 1025
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

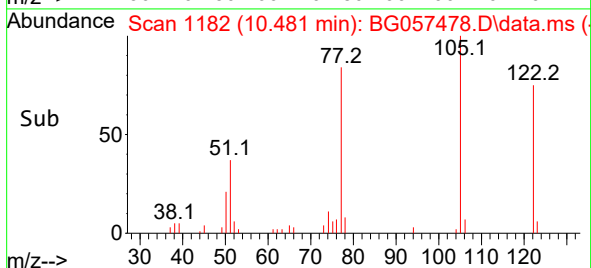
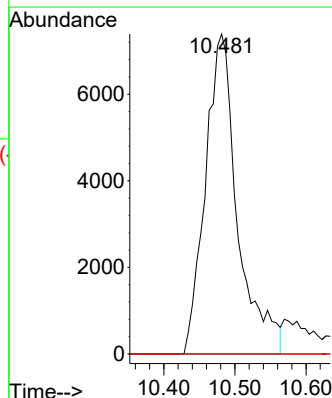
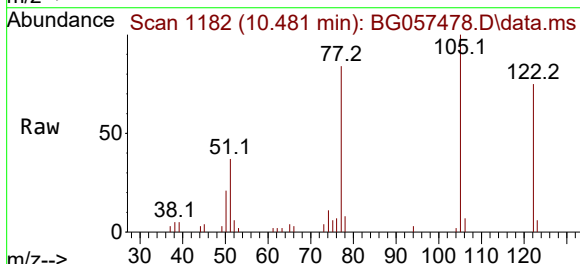
Instrument :
BNA_G
ClientSampleId :
TP4

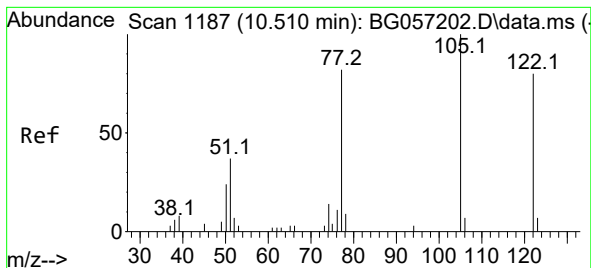
Tgt Ion:	82	Resp:	90501
Ion Ratio	Lower	Upper	
82	100		
128	37.8	29.0	43.4
54	47.8	41.4	62.0



#27
2,4-Dimethylphenol
Concen: 19.588 ng
RT: 10.481 min Scan# 1182
Delta R.T. 0.140 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion:	122	Resp:	23224
Ion Ratio	Lower	Upper	
122	100		
107	0.0	103.0	154.4#
121	0.0	45.9	68.9#





#32

Benzoic acid

Concen: 35.348 ng

RT: 10.481 min Scan# 1187

Delta R.T. -0.007 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

Instrument :

BNA_G

ClientSampleId :

TP4

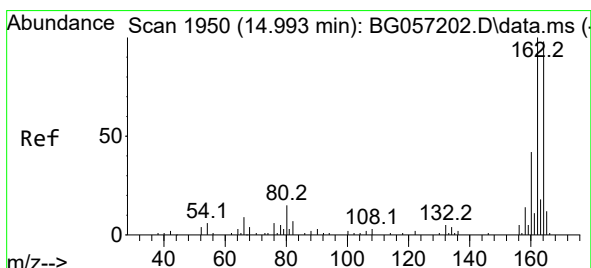
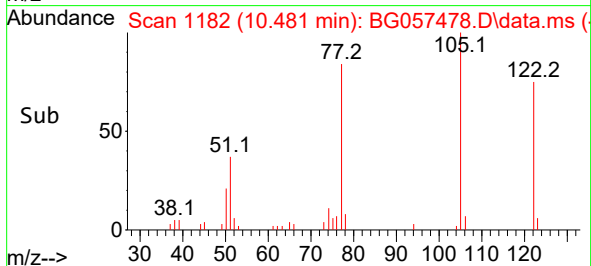
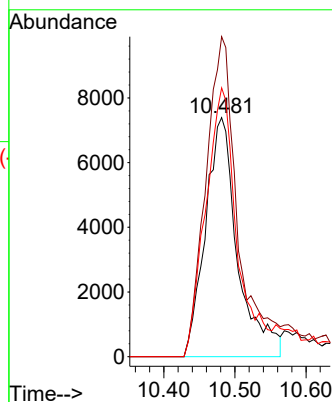
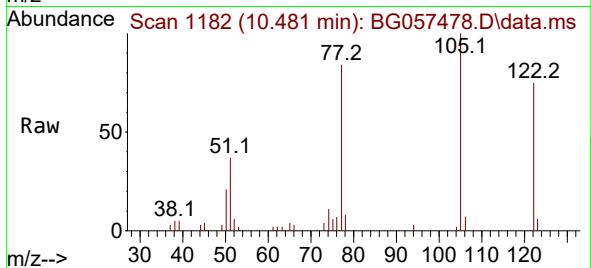
Tgt Ion:122 Resp: 23224

Ion Ratio Lower Upper

122 100

105 133.8 105.2 145.2

77 112.4 83.1 123.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.007 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

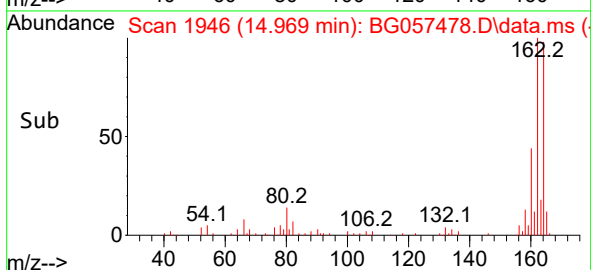
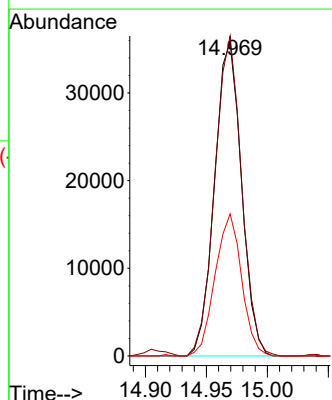
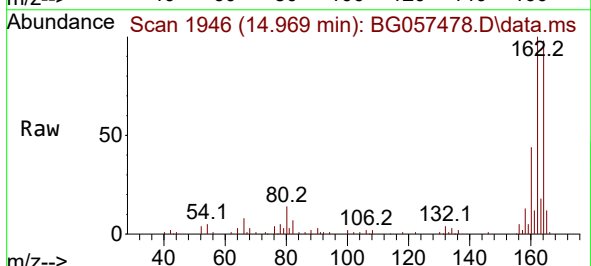
Tgt Ion:164 Resp: 54897

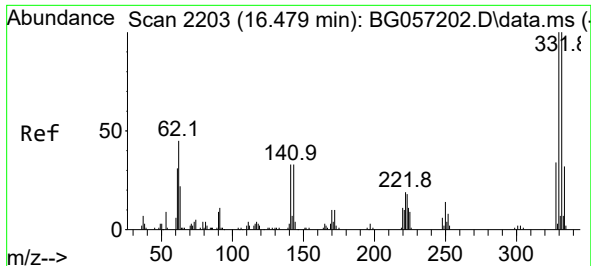
Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

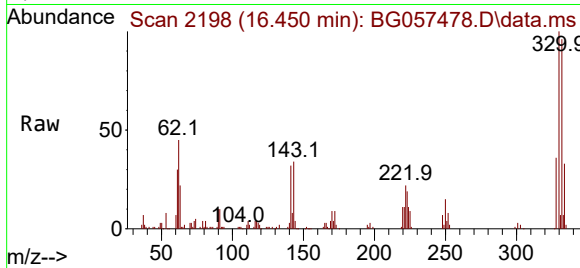
160 45.3 34.6 52.0



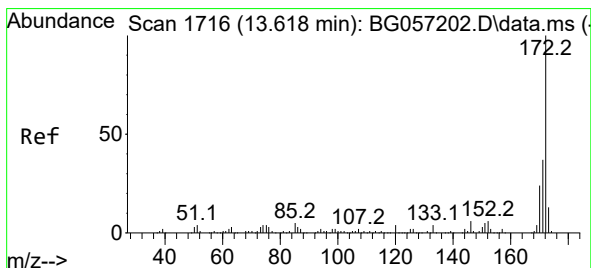
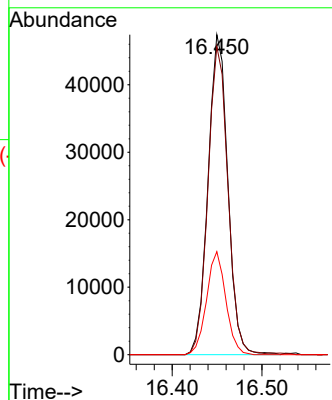
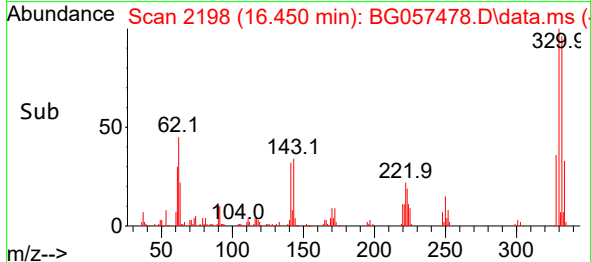


#42
2,4,6-Tribromophenol
Concen: 93.128 ng
RT: 16.450 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

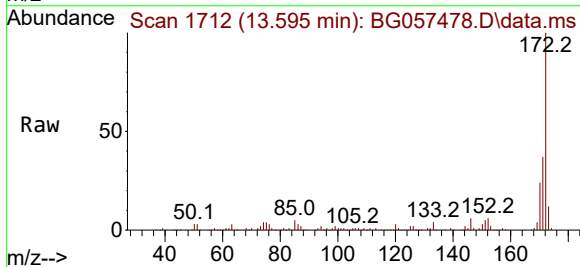
Instrument :
BNA_G
ClientSampleId :
TP4



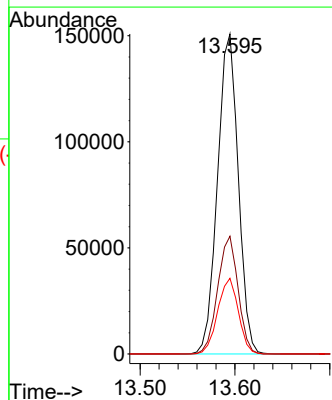
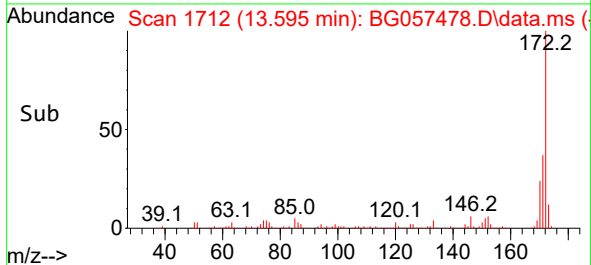
Tgt Ion:330 Resp: 72540
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.2
141 31.3 27.8 41.8

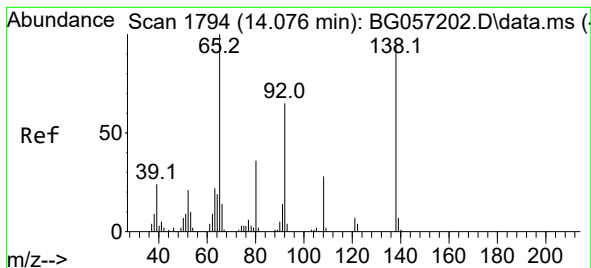


#45
2-Fluorobiphenyl
Concen: 56.333 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18



Tgt Ion:172 Resp: 229621
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 23.7 19.0 28.6





#48

2-Nitroaniline

Concen: 2.627 ng

RT: 14.282 min Scan# 11

Delta R.T. 0.222 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

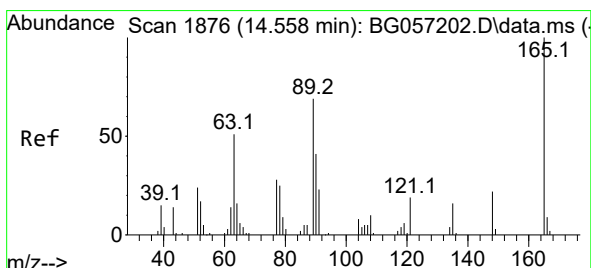
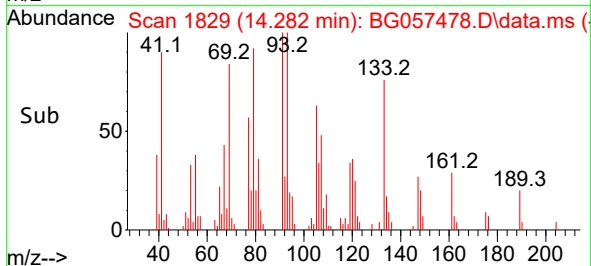
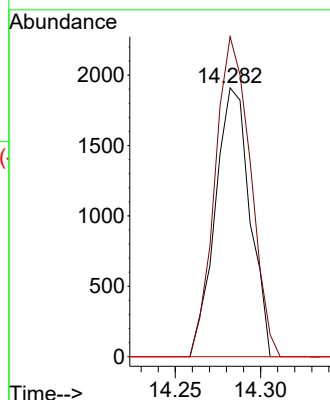
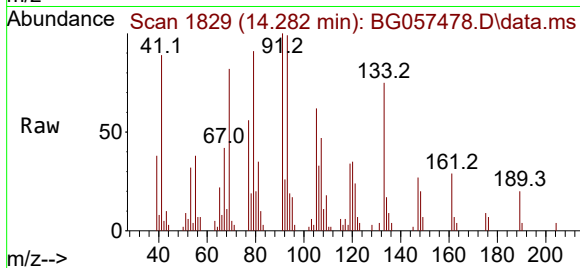
Instrument :

BNA_G

ClientSampleId :

TP4

Tgt Ion:	65	Resp:	2706
Ion	Ratio	Lower	Upper
65	100		
92	119.1	52.1	78.1#
138	0.0	75.3	112.9#



#51

2,6-Dinitrotoluene

Concen: 7.880 ng

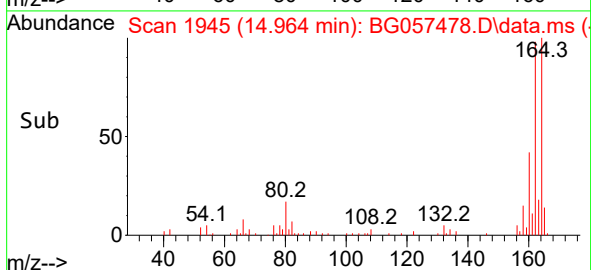
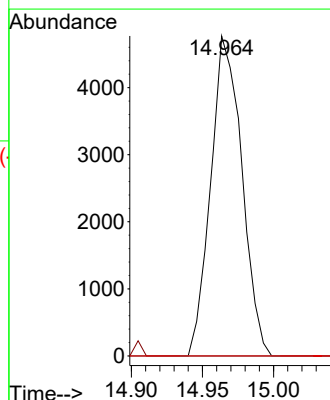
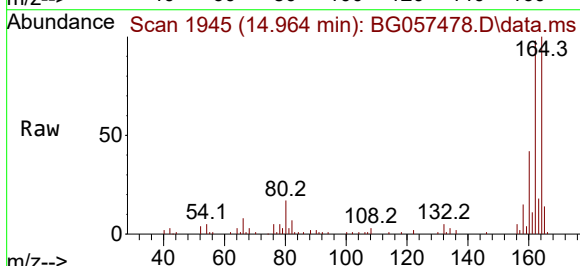
RT: 14.964 min Scan# 1945

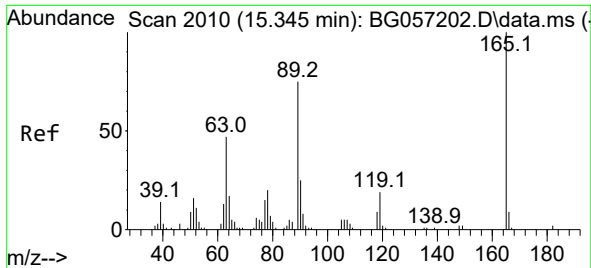
Delta R.T. 0.422 min

Lab File: BG057478.D

Acq: 19 May 2023 22:18

Tgt Ion:	165	Resp:	7258
Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.9	76.3#
89	0.0	55.2	82.8#

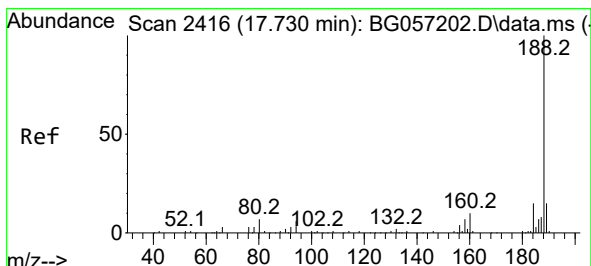
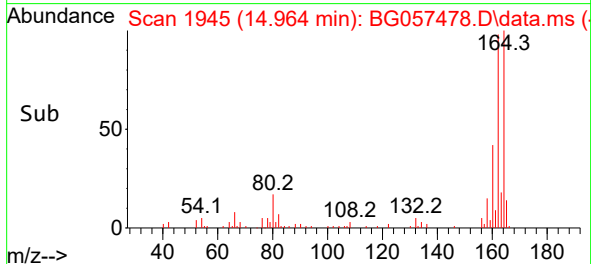
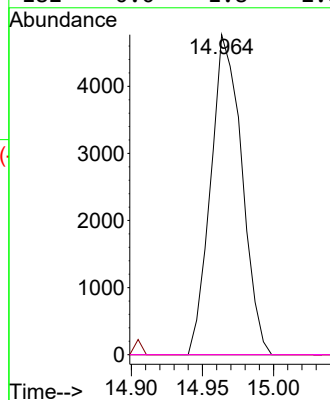
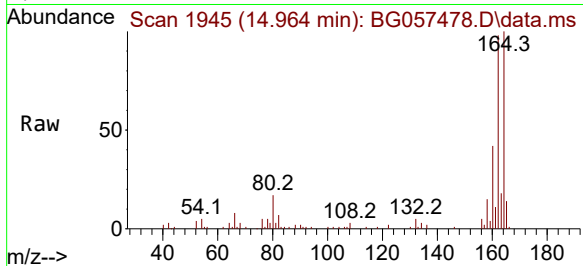




#57
2,4-Dinitrotoluene
Concen: 5.514 ng
RT: 14.964 min Scan# 1945
Delta R.T. -0.365 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

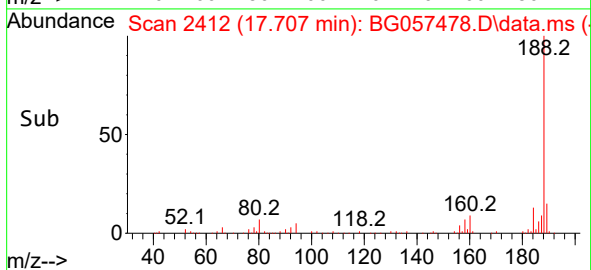
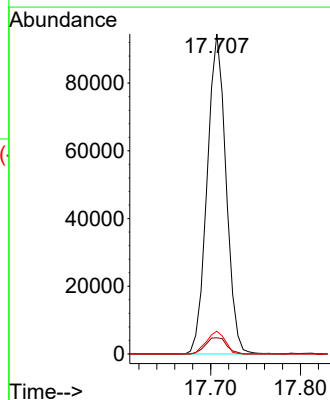
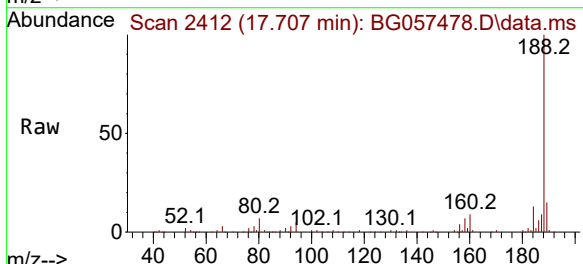
Instrument :
BNA_G
ClientSampleId :
TP4

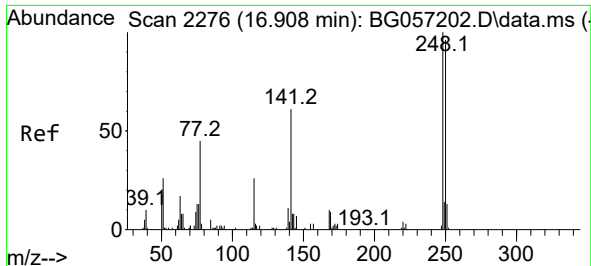
Tgt Ion:	165	Resp:	7258
Ion Ratio	Lower	Upper	
165	100		
63	0.0	37.5	56.3#
89	0.0	60.2	90.4#
182	0.0	1.8	2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2412
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion:	188	Resp:	137862
Ion Ratio	Lower	Upper	
188	100		
94	5.0	5.1	7.7#
80	7.1	5.7	8.5

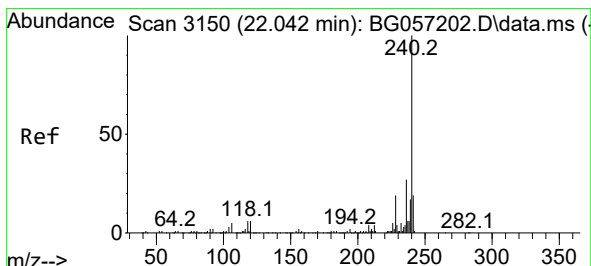
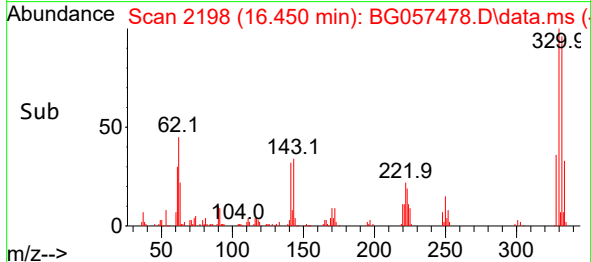
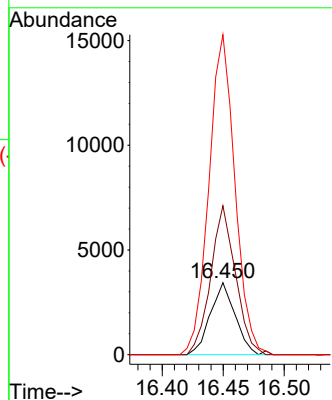
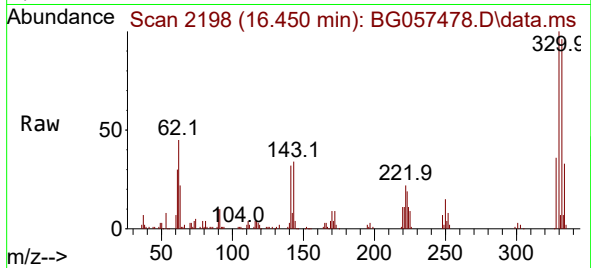




#67
4-Bromophenyl-phenylether
Concen: 2.933 ng
RT: 16.450 min Scan# 2198
Delta R.T. -0.436 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

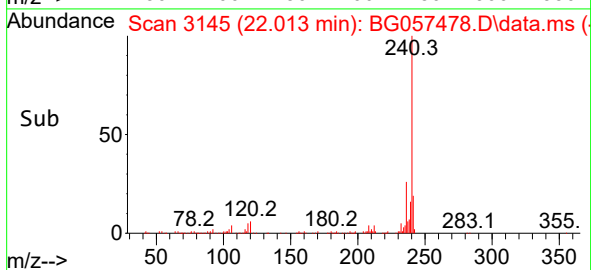
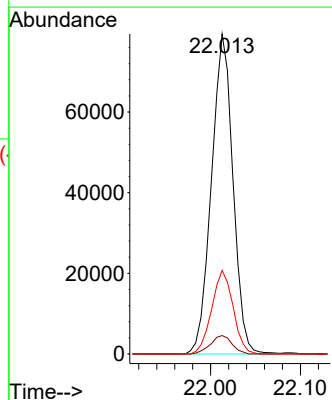
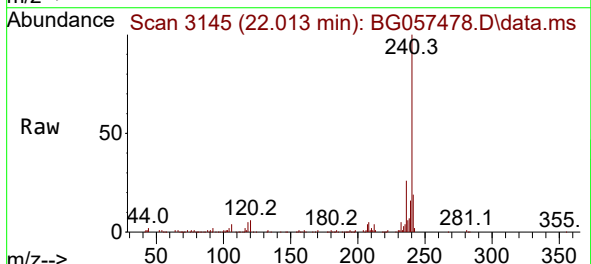
Instrument :
BNA_G
ClientSampleId :
TP4

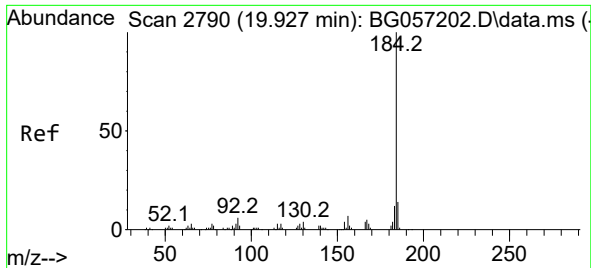
Tgt Ion:248 Resp: 4936
Ion Ratio Lower Upper
248 100
250 206.7 77.0 115.6#
141 444.2 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

Tgt Ion:240 Resp: 131878
Ion Ratio Lower Upper
240 100
120 5.8 4.9 7.3
236 26.1 21.4 32.2

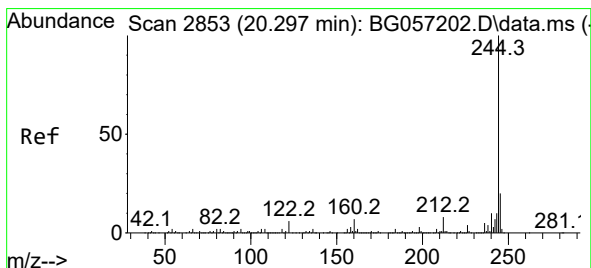
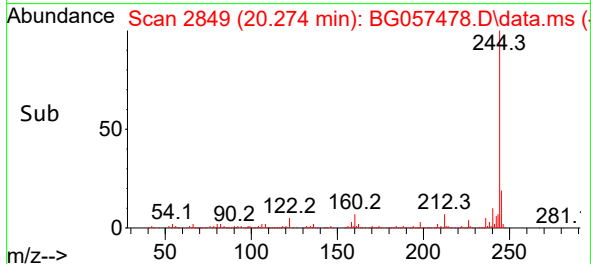
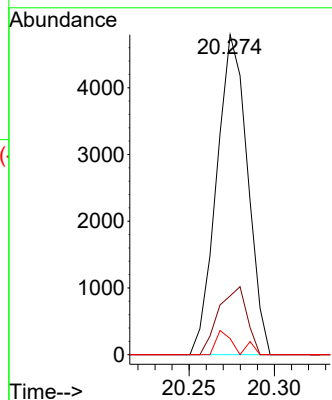
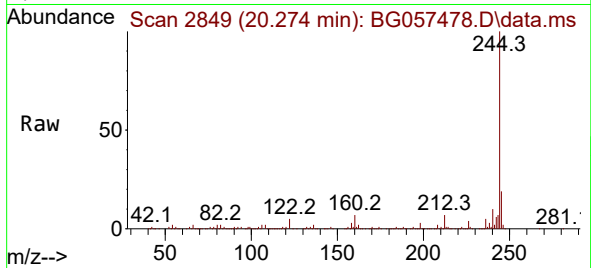




#77
Benzidine
Concen: 2.051 ng
RT: 20.274 min Scan# 2849
Delta R.T. 0.363 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

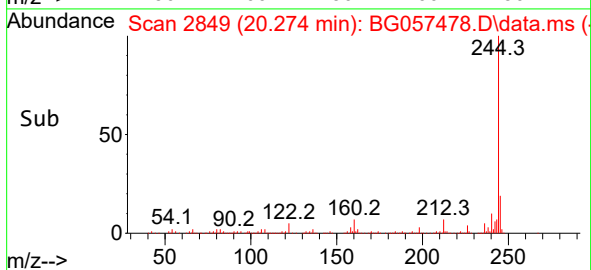
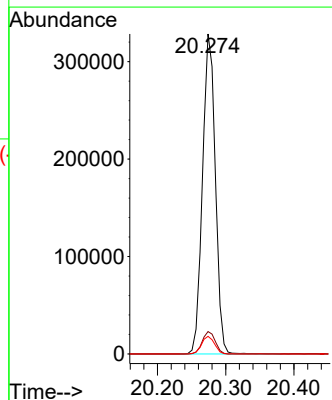
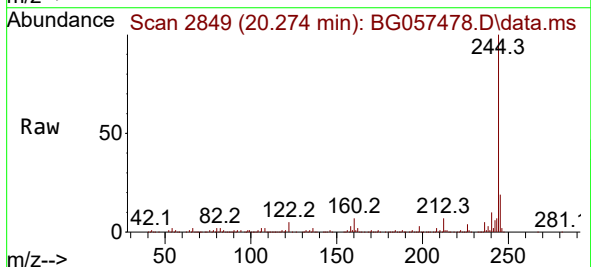
Instrument :
BNA_G
ClientSampleId :
TP4

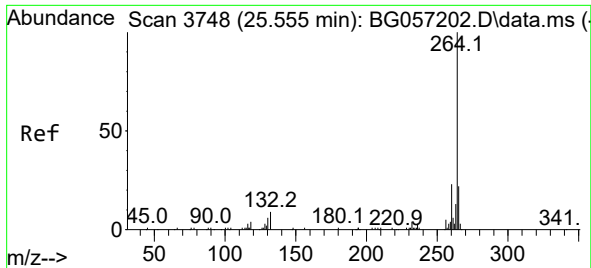
Tgt Ion:184 Resp: 6046
Ion Ratio Lower Upper
184 100
185 18.4 11.1 16.7#
183 5.0 9.9 14.9#



#79
Terphenyl-d14
Concen: 53.169 ng
RT: 20.274 min Scan# 2849
Delta R.T. -0.007 min
Lab File: BG057478.D
Acq: 19 May 2023 22:18

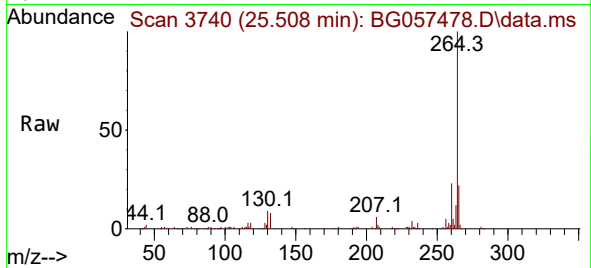
Tgt Ion:244 Resp: 429667
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 5.5 5.1 7.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.508 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: BG057478.D
 Acq: 19 May 2023 22:18

Instrument :
 BNA_G
 ClientSampleId :
 TP4



Tgt Ion:264 Resp: 140873
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.9 17.9 26.9

