

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057479.D
 Acq On : 19 May 2023 23:00
 Operator : CG/JU
 Sample : 02848-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP6

Quant Time: May 20 04:31:13 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)

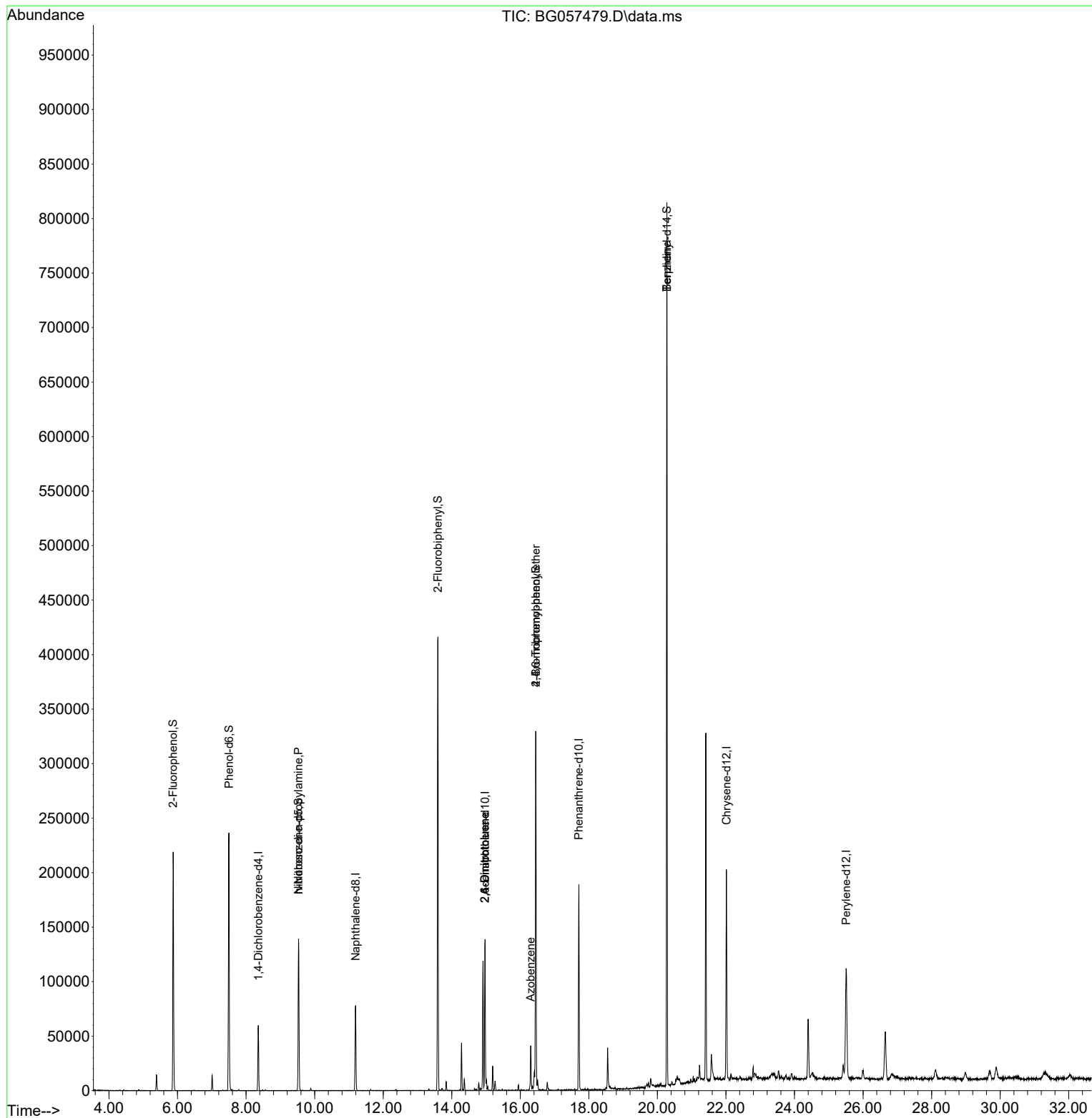
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	17189	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	68369	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	51862	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	126872	20.000	ng	0.00
76) Chrysene-d12	22.014	240	120375	20.000	ng	0.00
86) Perylene-d12	25.509	264	128015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	95156	94.697	ng	0.00
7) Phenol-d6	7.498	99	140673	92.190	ng	0.00
23) Nitrobenzene-d5	9.531	82	89765	55.105	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	69527	94.483	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	230060	59.744	ng	0.00
79) Terphenyl-d14	20.275	244	409081	55.459	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.486	77	318	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.531	70	12771	10.976	ng	# 82
51) 2,6-Dinitrotoluene	14.965	165	6649	7.641	ng	# 17
57) 2,4-Dinitrotoluene	14.965	165	6649	5.347	ng	# 20
63) Azobenzene	16.304	77	12907	3.091	ng	# 1
67) 4-Bromophenyl-phenylether	16.451	248	4965	3.206	ng	# 1
77) Benzidine	20.275	184	5907	2.195	ng	# 86

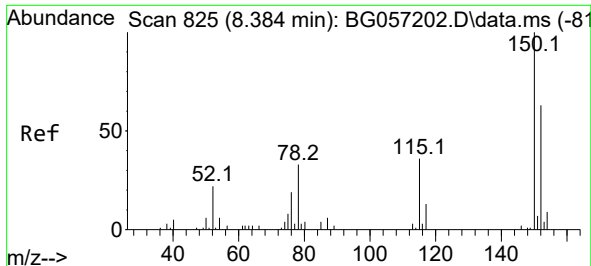
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
Data File : BG057479.D
Acq On : 19 May 2023 23:00
Operator : CG/JU
Sample : 02848-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP6

Quant Time: May 20 04:31:13 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

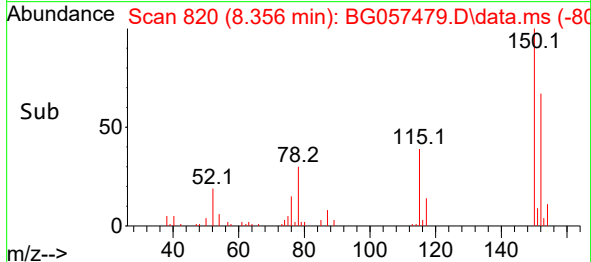
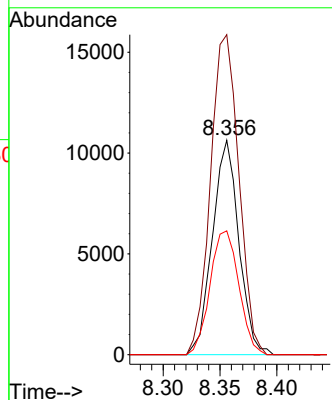
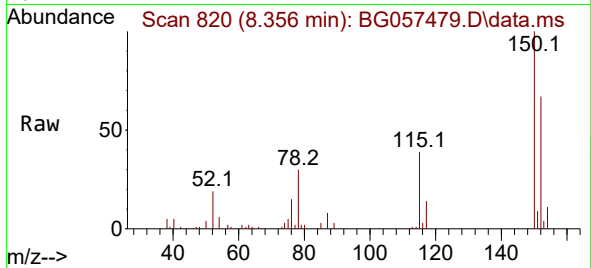




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.356 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

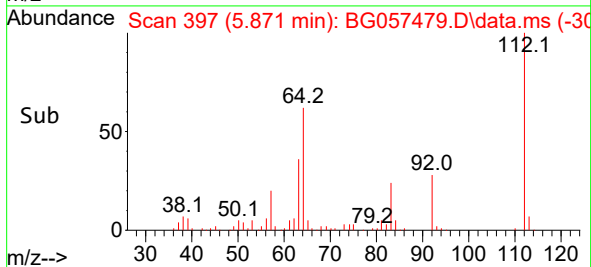
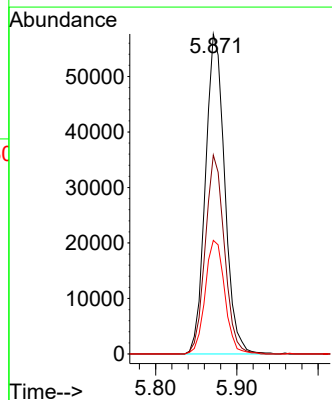
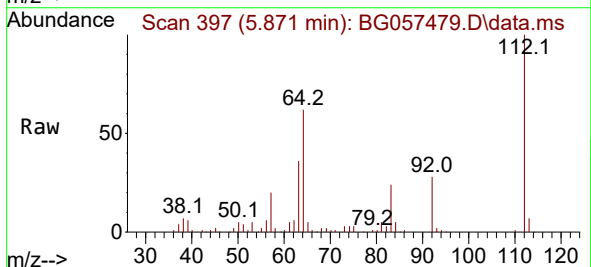
Instrument :
BNA_G
ClientSampleId :
TP6

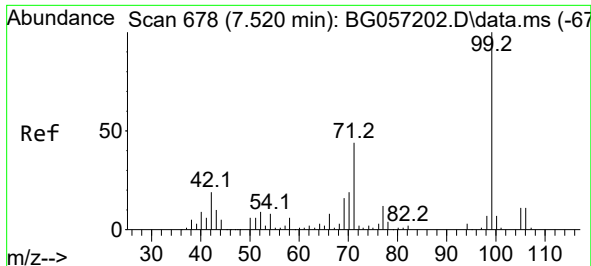
Tgt Ion:152 Resp: 17189
Ion Ratio Lower Upper
152 100
150 149.3 126.2 189.4
115 57.8 45.0 67.4



#5
2-Fluorophenol
Concen: 94.697 ng
RT: 5.871 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion:112 Resp: 95156
Ion Ratio Lower Upper
112 100
64 62.2 49.4 74.2
63 35.5 31.6 47.4

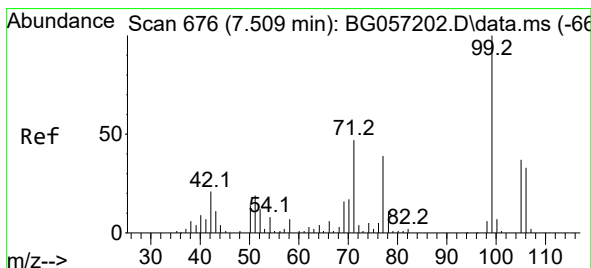
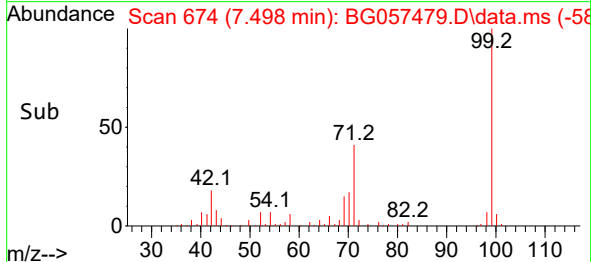
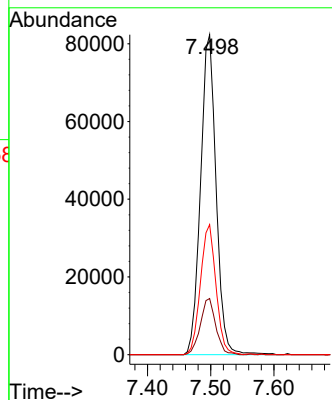
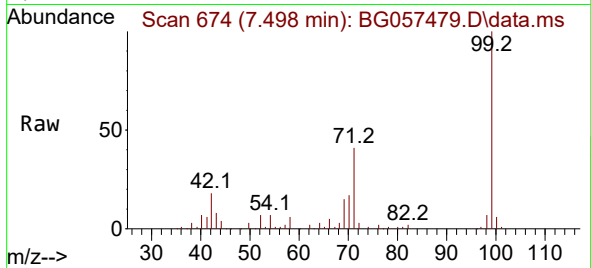




#7
Phenol-d6
Concen: 92.190 ng
RT: 7.498 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

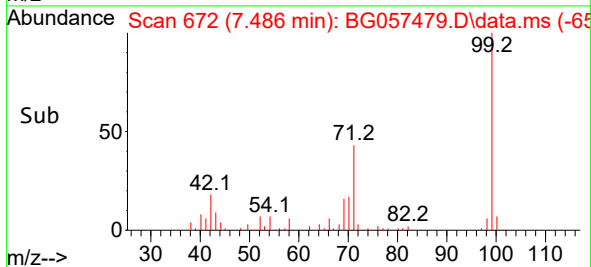
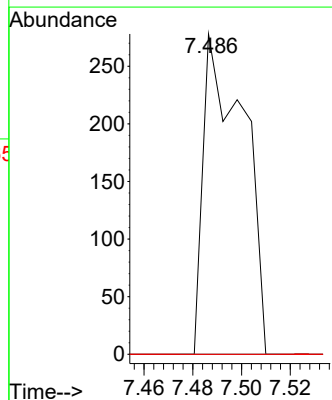
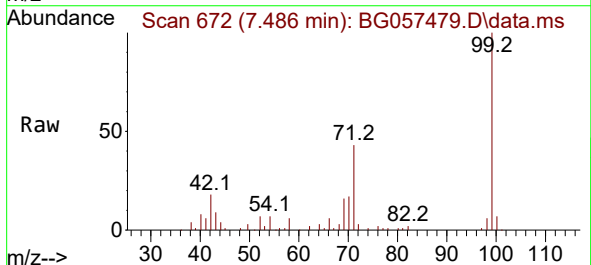
Instrument :
BNA_G
ClientSampleId :
TP6

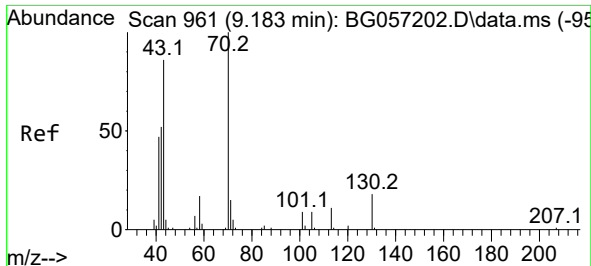
Tgt Ion: 99 Resp: 140673
Ion Ratio Lower Upper
99 100
42 17.6 15.1 22.7
71 40.6 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.486 min Scan# 672
Delta R.T. 0.000 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion: 77 Resp: 318
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

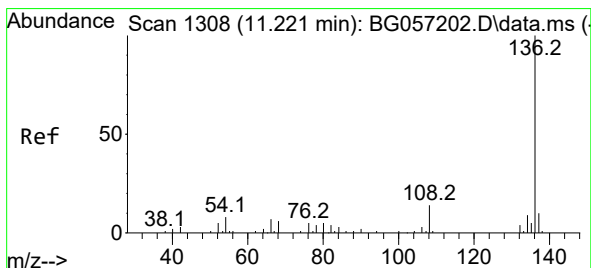
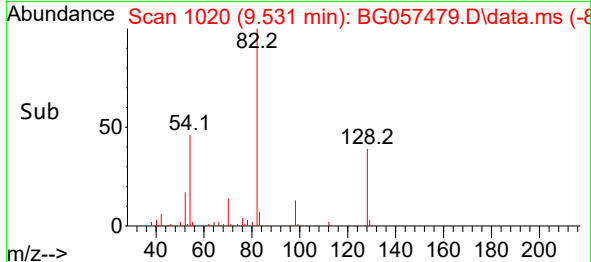
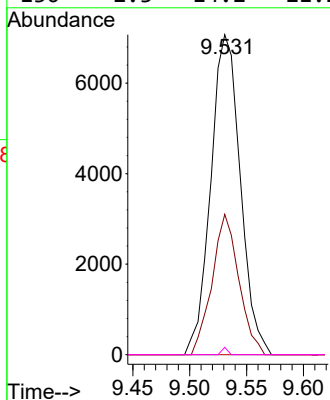
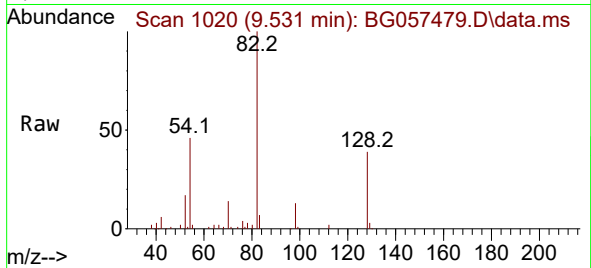




#19
n-Nitroso-di-n-propylamine
Concen: 10.976 ng
RT: 9.531 min Scan# 1020
Delta R.T. 0.370 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

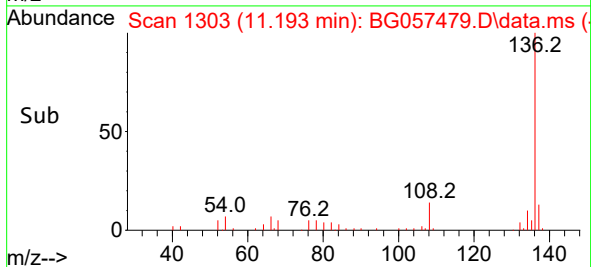
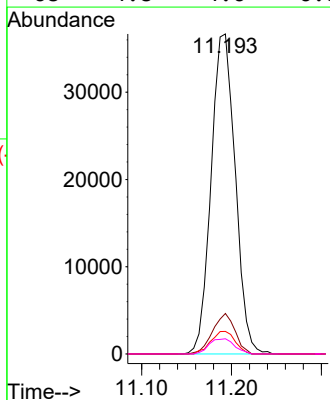
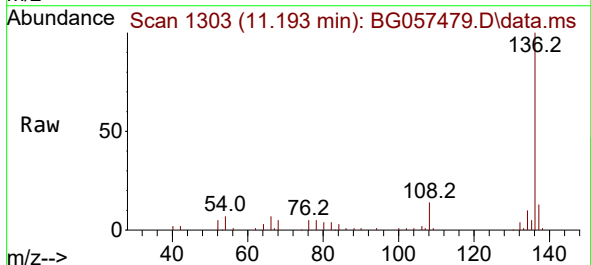
Instrument :
BNA_G
ClientSampleId :
TP6

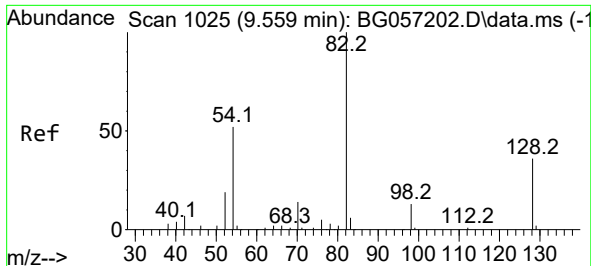
Tgt Ion: 70 Resp: 12771
Ion Ratio Lower Upper
70 100
42 43.9 41.8 62.8
101 0.0 6.8 10.2#
130 2.3 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.193 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion:136 Resp: 68369
Ion Ratio Lower Upper
136 100
137 12.6 8.3 12.5#
54 7.0 6.7 10.1
68 4.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.105 ng

RT: 9.531 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BG057479.D

Acq: 19 May 2023 23:00

Instrument :

BNA_G

ClientSampleId :

TP6

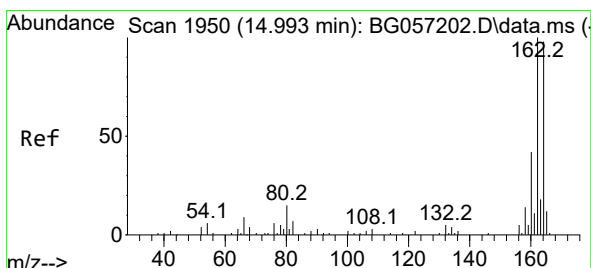
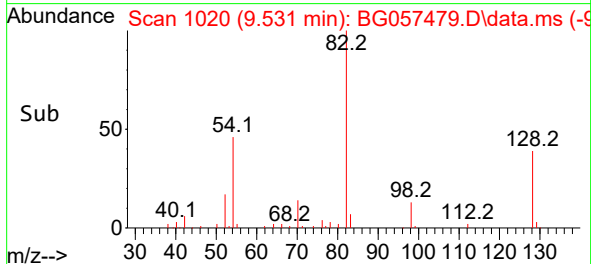
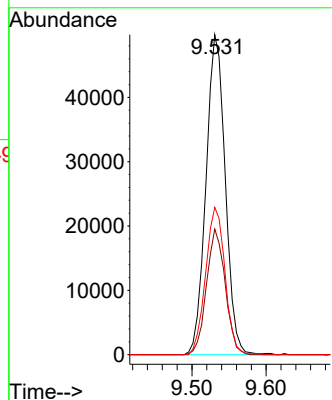
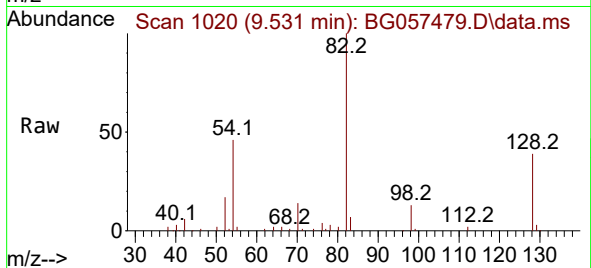
Tgt Ion: 82 Resp: 89765

Ion Ratio Lower Upper

82 100

128 39.3 29.0 43.4

54 46.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.970 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BG057479.D

Acq: 19 May 2023 23:00

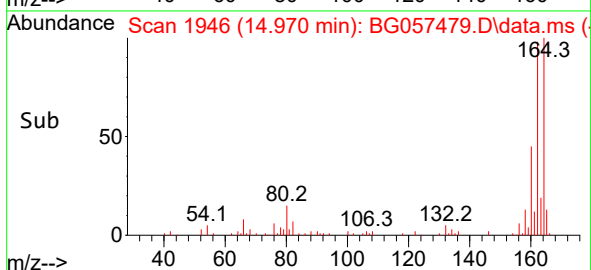
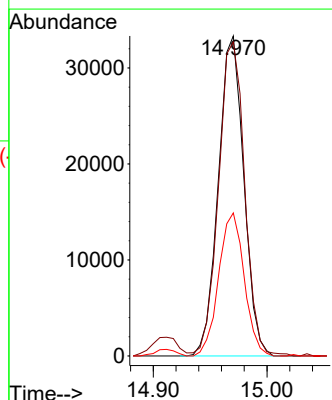
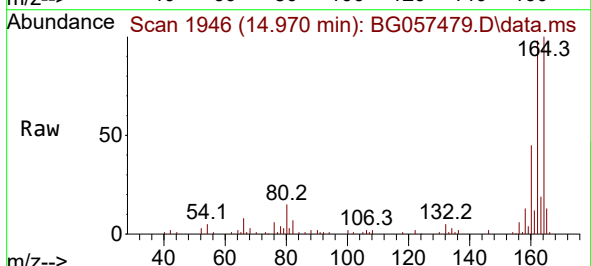
Tgt Ion:164 Resp: 51862

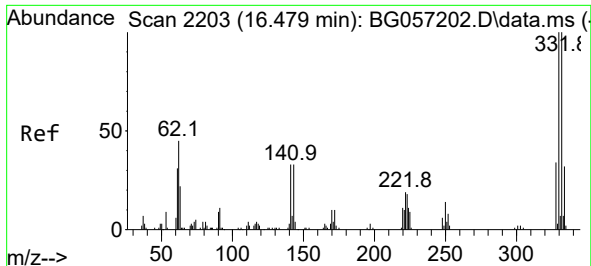
Ion Ratio Lower Upper

164 100

162 98.2 81.8 122.6

160 44.7 34.6 52.0

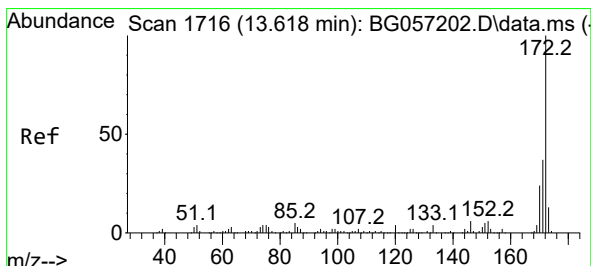
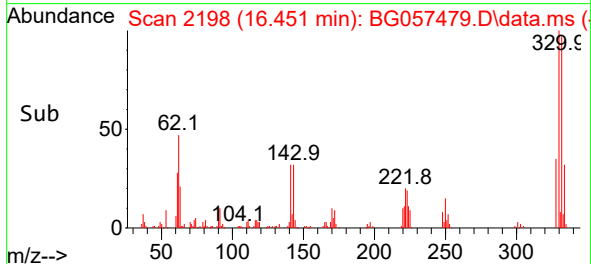
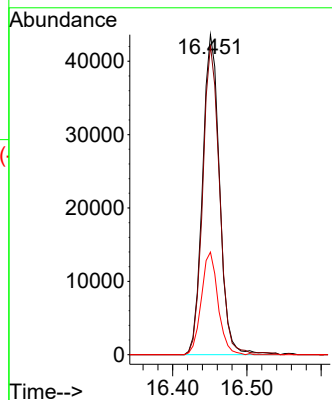
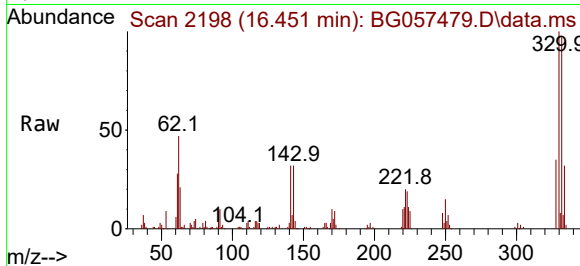




#42
2,4,6-Tribromophenol
Concen: 94.483 ng
RT: 16.451 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

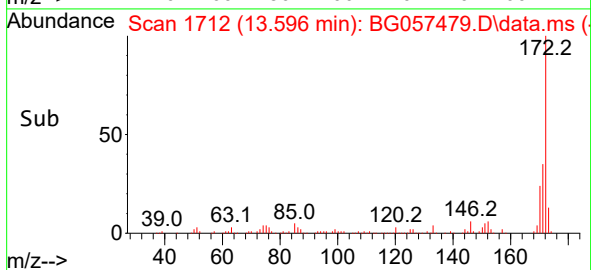
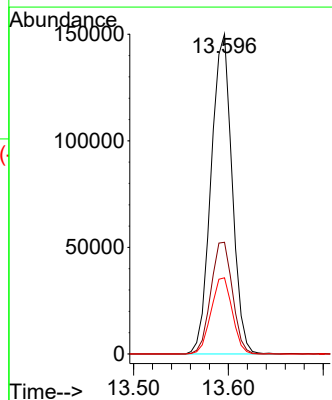
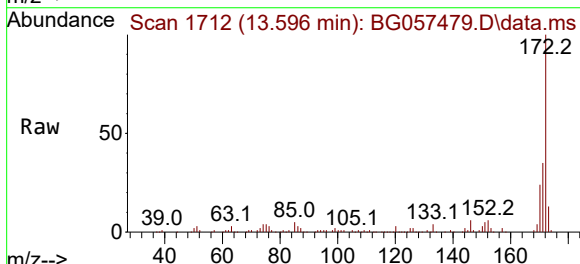
Instrument :
BNA_G
ClientSampleId :
TP6

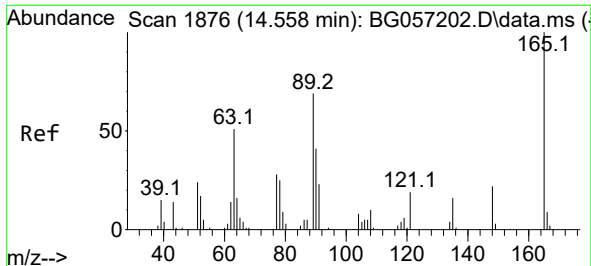
Tgt Ion:330 Resp: 69527
Ion Ratio Lower Upper
330 100
332 94.9 78.2 117.2
141 31.4 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 59.744 ng
RT: 13.596 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion:172 Resp: 230060
Ion Ratio Lower Upper
172 100
171 34.9 29.4 44.0
170 23.8 19.0 28.6

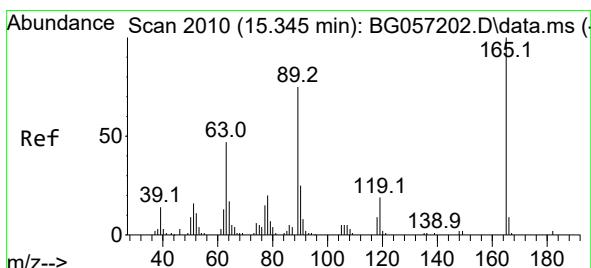
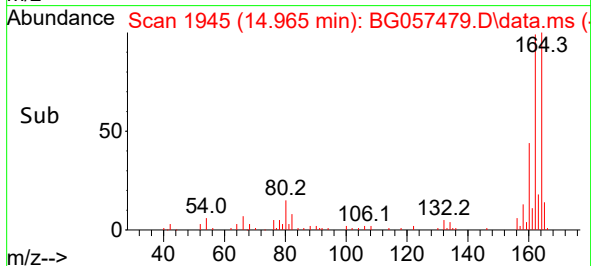
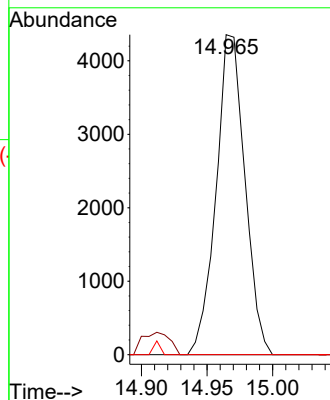
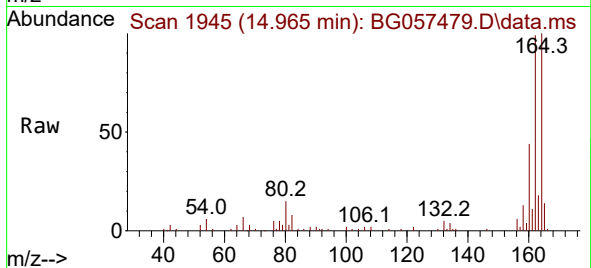




#51
2,6-Dinitrotoluene
Concen: 7.641 ng
RT: 14.965 min Scan# 1945
Delta R.T. 0.423 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

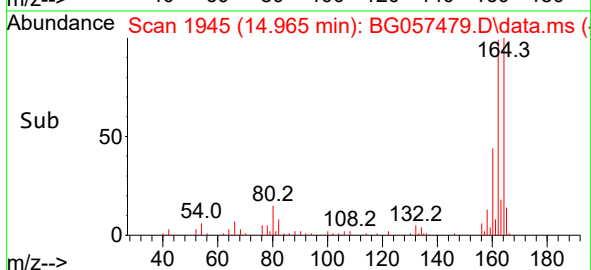
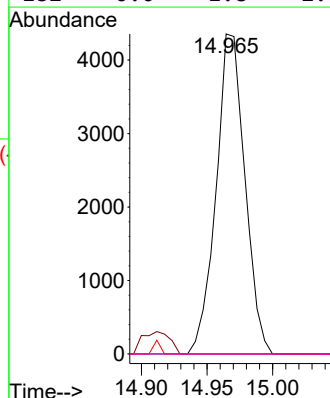
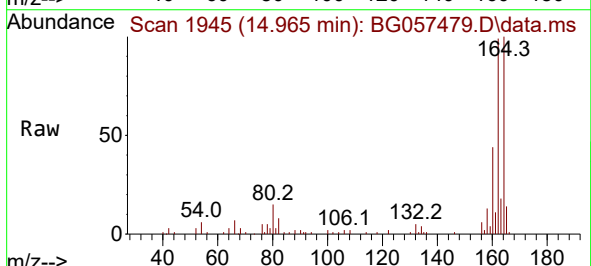
Instrument :
BNA_G
ClientSampleId :
TP6

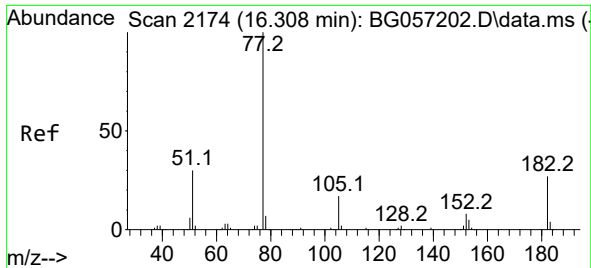
Tgt Ion:165 Resp: 6649
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.347 ng
RT: 14.965 min Scan# 1945
Delta R.T. -0.364 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion:165 Resp: 6649
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#

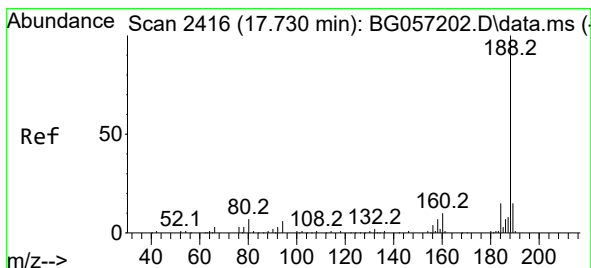
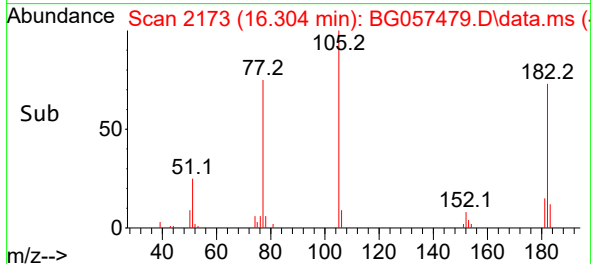
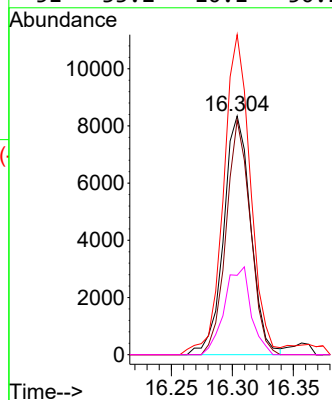
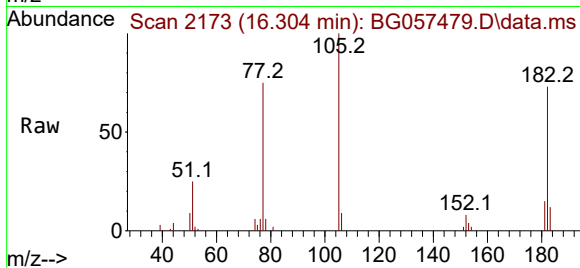




#63
Azobenzene
Concen: 3.091 ng
RT: 16.304 min Scan# 2173
Delta R.T. 0.018 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

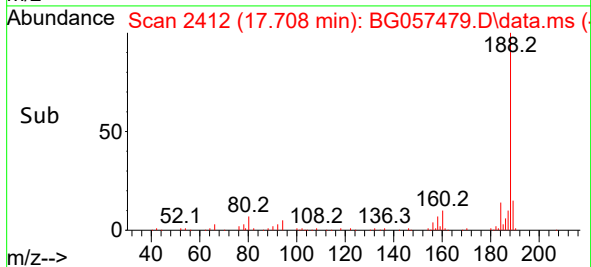
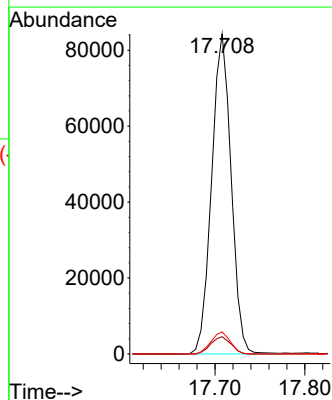
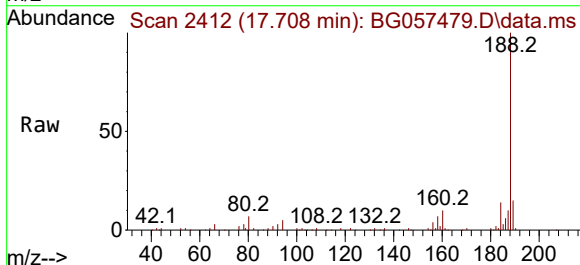
Instrument :
BNA_G
ClientSampleId :
TP6

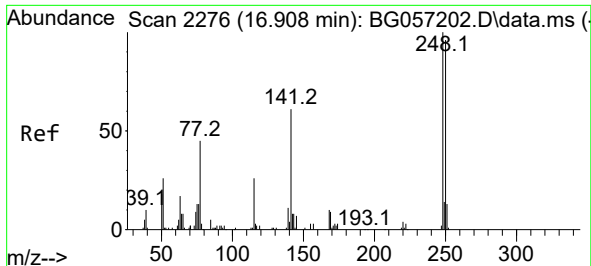
Tgt Ion: 77	Resp: 12907
Ion Ratio	Lower Upper
77 100	
182 98.3	7.4 47.4#
105 134.1	0.0 37.2#
51 33.2	10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.708 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion: 188	Resp: 126872
Ion Ratio	Lower Upper
188 100	
94 5.4	5.1 7.7
80 6.9	5.7 8.5

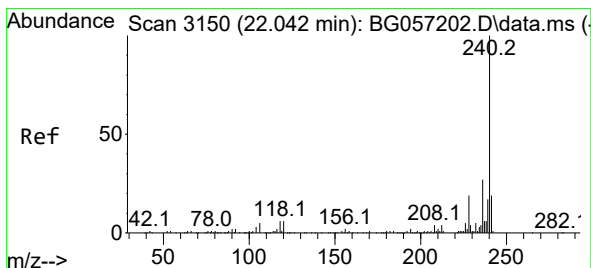
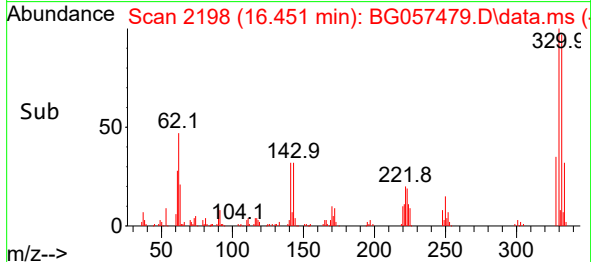
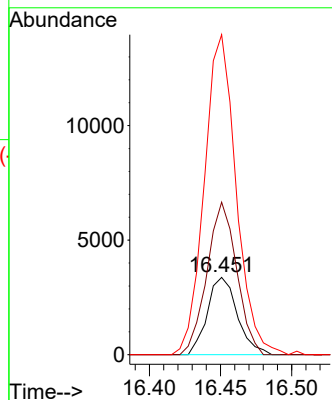
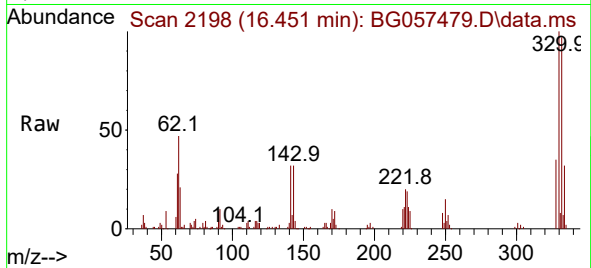




#67
4-Bromophenyl-phenylether
Concen: 3.206 ng
RT: 16.451 min Scan# 2198
Delta R.T. -0.435 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

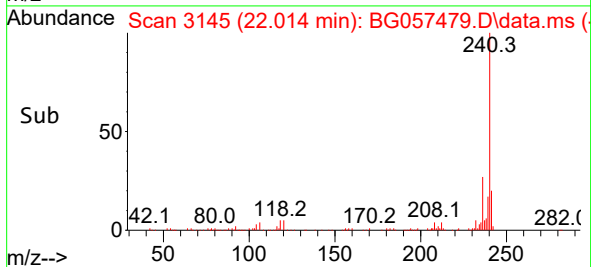
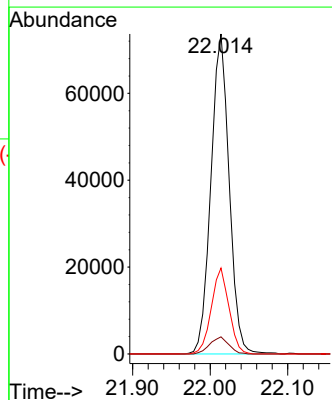
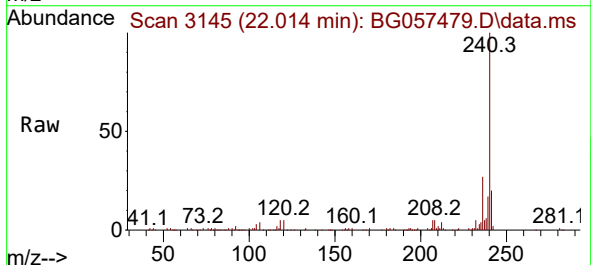
Instrument :
BNA_G
ClientSampleId :
TP6

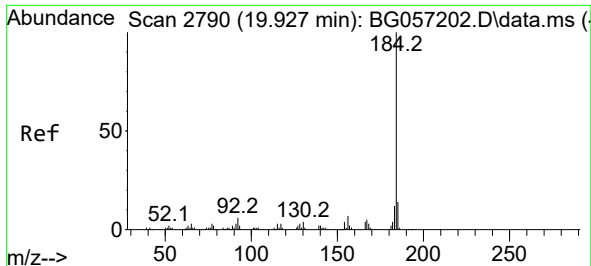
Tgt Ion:248 Resp: 4965
Ion Ratio Lower Upper
248 100
250 197.3 77.0 115.6#
141 414.0 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.014 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion:240 Resp: 120375
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 26.8 21.4 32.2

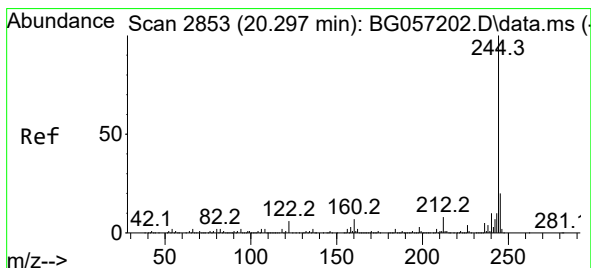
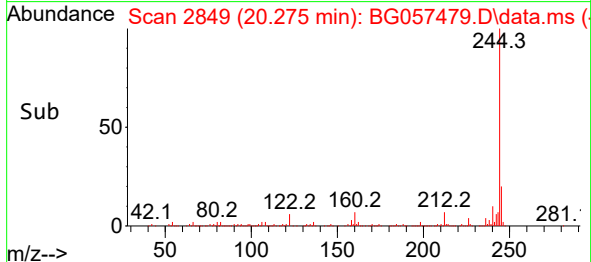
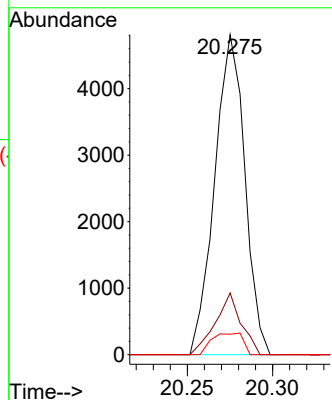
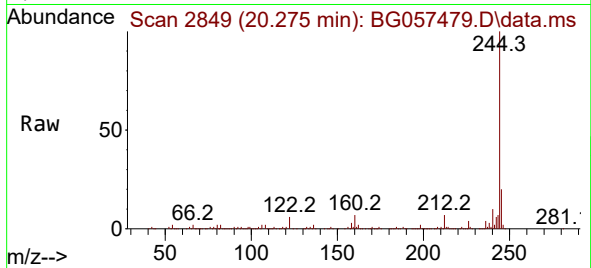




#77
Benzidine
Concen: 2.195 ng
RT: 20.275 min Scan# 2849
Delta R.T. 0.364 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

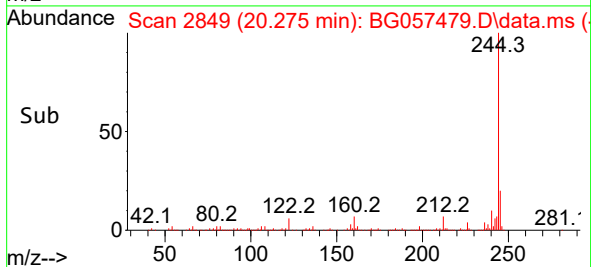
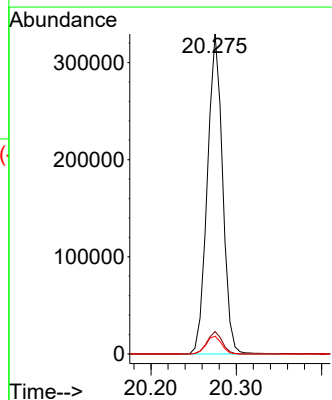
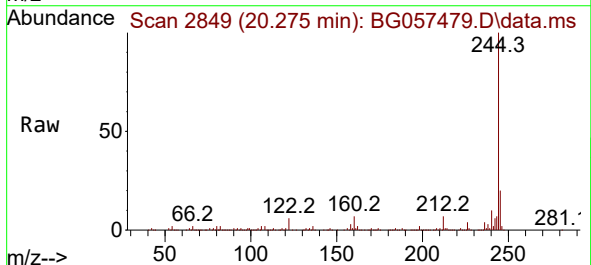
Instrument :
BNA_G
ClientSampleId :
TP6

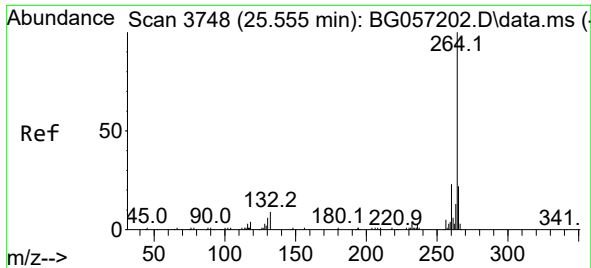
Tgt Ion:184 Resp: 5907
Ion Ratio Lower Upper
184 100
185 19.3 11.1 16.7#
183 6.4 9.9 14.9#



#79
Terphenyl-d14
Concen: 55.459 ng
RT: 20.275 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Tgt Ion:244 Resp: 409081
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 5.6 5.1 7.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.509 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057479.D
Acq: 19 May 2023 23:00

Instrument :
BNA_G
ClientSampleId :
TP6

Tgt Ion:264 Resp: 128015
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.3 17.9 26.9

