

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057547.D
 Acq On : 24 May 2023 23:43
 Operator : CG/JU
 Sample : 02899-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB06A

Quant Time: May 25 02:28:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

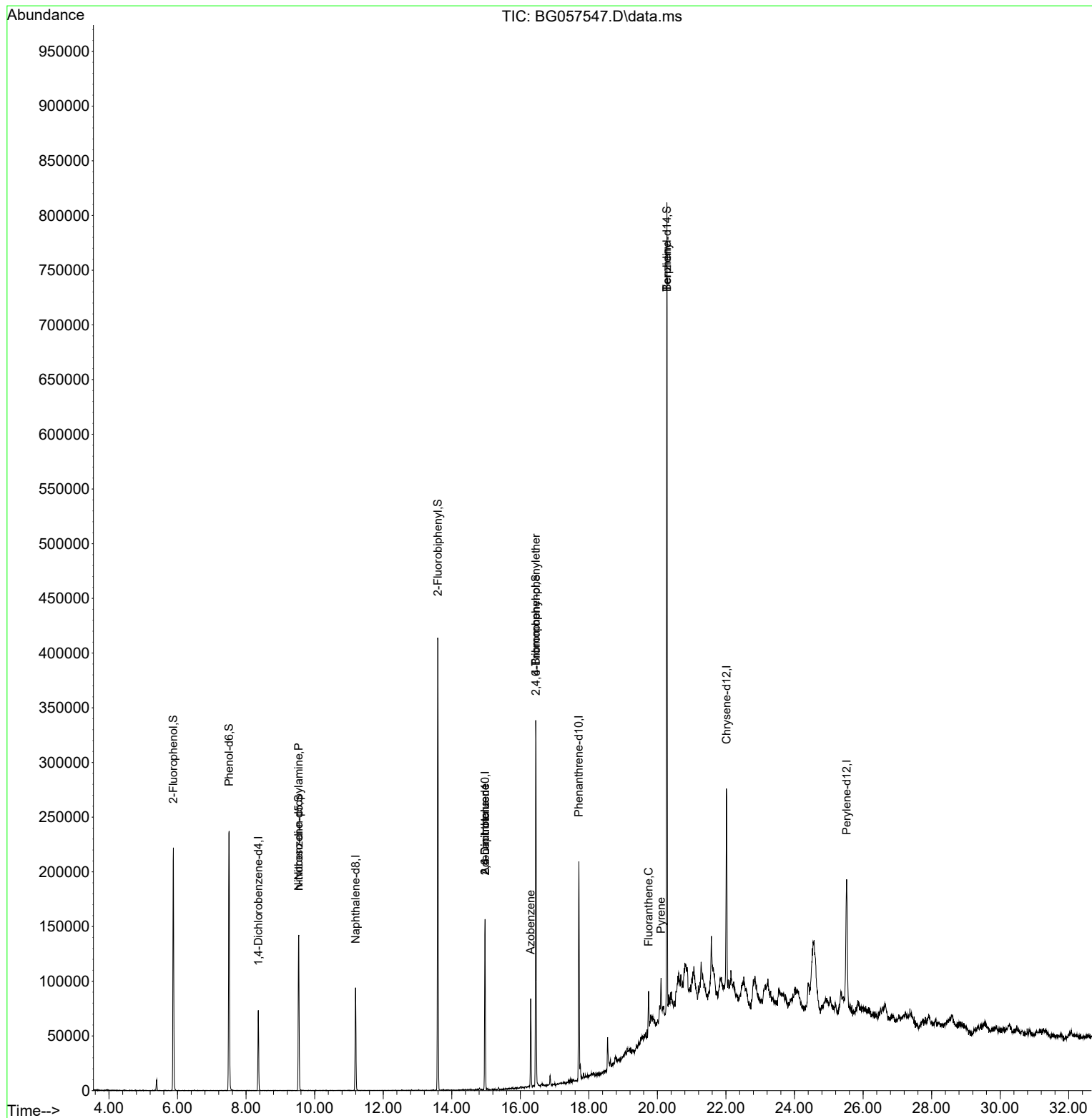
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	20825	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	79816	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	56040	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	132899	20.000	ng	-0.02
76) Chrysene-d12	22.015	240	119034	20.000	ng	-0.02
86) Perylene-d12	25.522	264	133857	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	102558	84.243	ng	0.00
7) Phenol-d6	7.505	99	151627	82.019	ng	0.00
23) Nitrobenzene-d5	9.537	82	94986	49.948	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	70984	89.271	ng	0.00
45) 2-Fluorobiphenyl	13.597	172	227987	54.792	ng	0.00
79) Terphenyl-d14	20.276	244	373802	51.247	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.499	77	184	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	9.537	70	13114	9.303 ng	#	76
51) 2,6-Dinitrotoluene	14.971	165	7037	7.484 ng	#	17
57) 2,4-Dinitrotoluene	14.971	165	7037	5.237 ng	#	20
63) Azobenzene	16.305	77	23514	5.211 ng	#	1
67) 4-Bromophenyl-phenylether	16.451	248	4761	2.935 ng	#	1
75) Fluoranthene	19.741	202	21225	2.506 ng		95
77) Benzidine	20.276	184	6163	2.316 ng	#	94
78) Pyrene	20.105	202	18960	2.192 ng		96

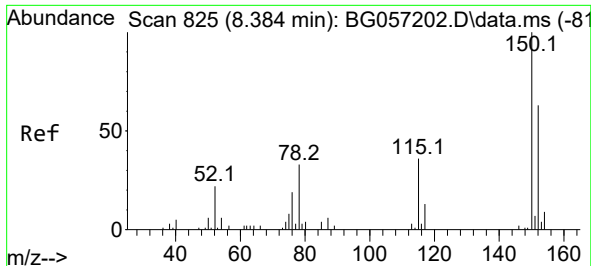
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057547.D
Acq On : 24 May 2023 23:43
Operator : CG/JU
Sample : 02899-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB06A

Quant Time: May 25 02:28:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 02:19:01 2023
Response via : Initial Calibration

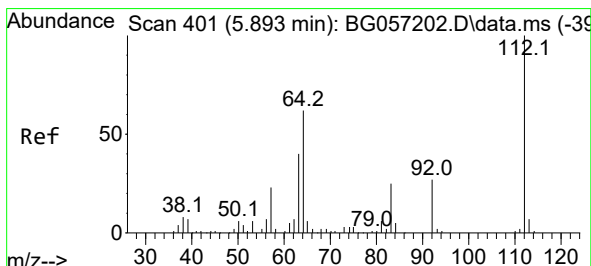
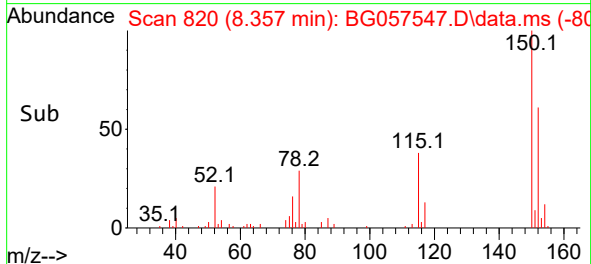
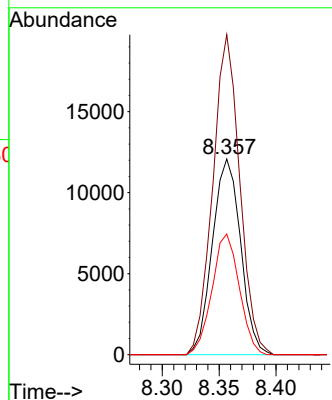
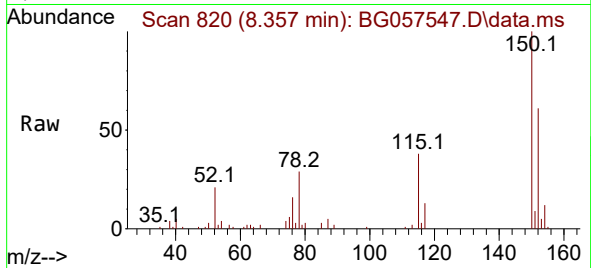




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

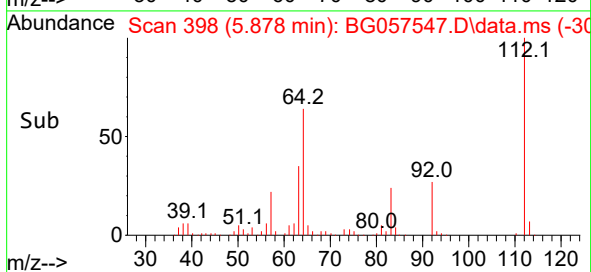
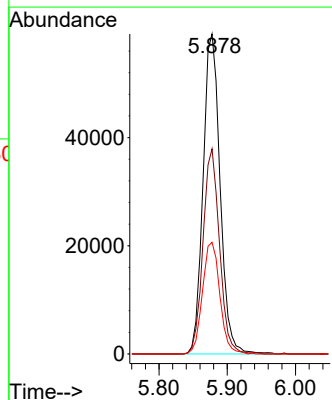
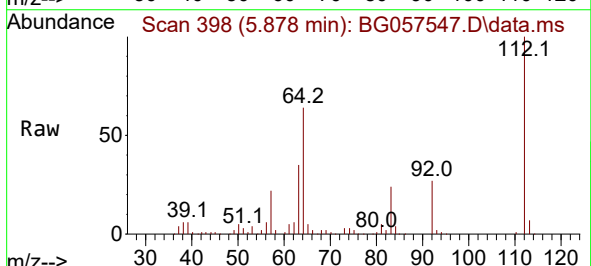
Instrument :
BNA_G
ClientSampleId :
SB06A

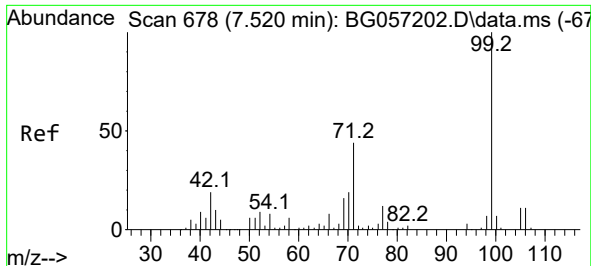
Tgt Ion:152 Resp: 20825
Ion Ratio Lower Upper
152 100
150 163.6 126.2 189.4
115 61.7 45.0 67.4



#5
2-Fluorophenol
Concen: 84.243 ng
RT: 5.878 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion:112 Resp: 102558
Ion Ratio Lower Upper
112 100
64 64.1 49.4 74.2
63 34.9 31.6 47.4

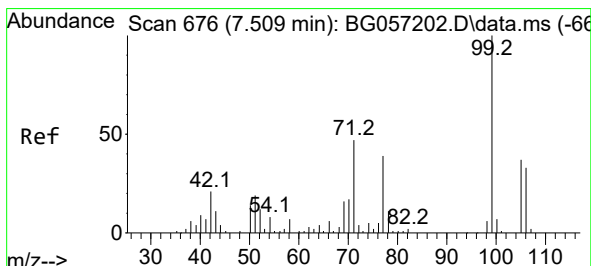
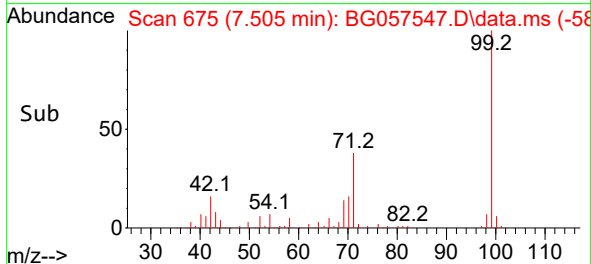
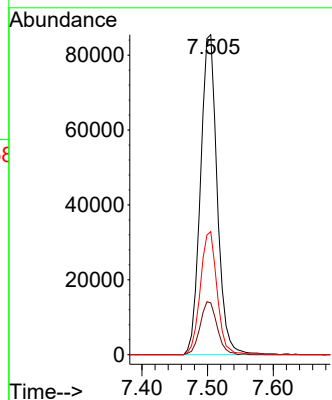
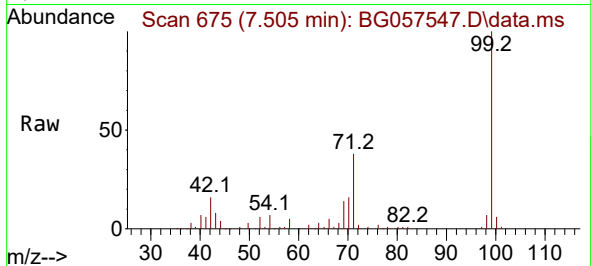




#7
Phenol-d6
Concen: 82.019 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

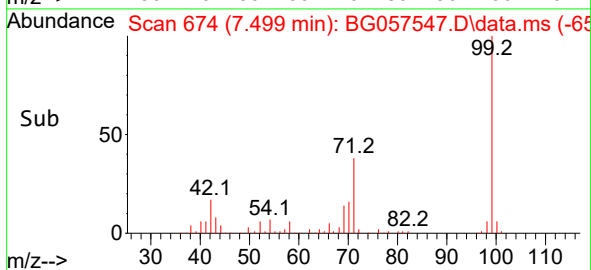
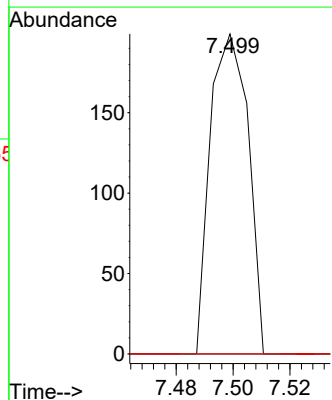
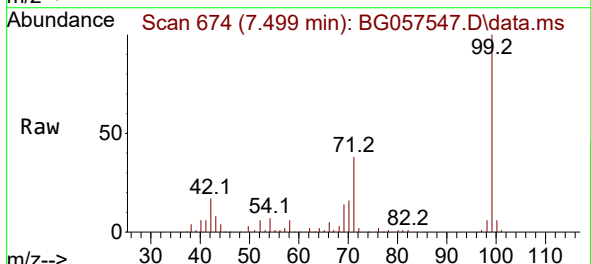
Instrument :
BNA_G
ClientSampleId :
SB06A

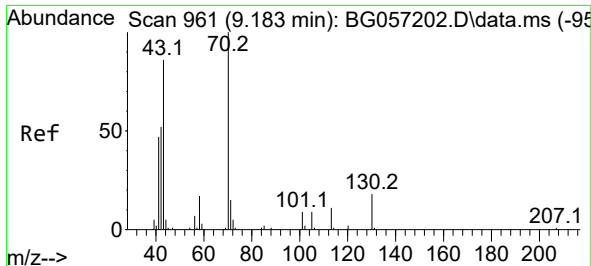
Tgt Ion: 99 Resp: 151627
Ion Ratio Lower Upper
99 100
42 16.2 15.1 22.7
71 38.4 35.2 52.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.499 min Scan# 674
Delta R.T. 0.008 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion: 77 Resp: 184
Ion Ratio Lower Upper
77 100
105 0.0 74.6 114.6#
106 0.0 66.3 106.3#

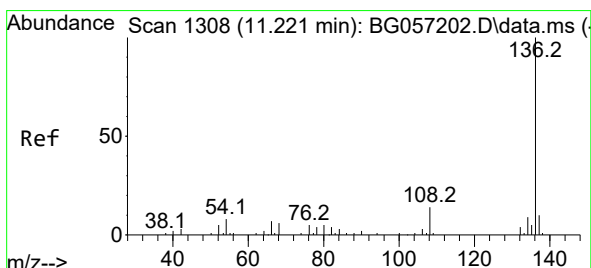
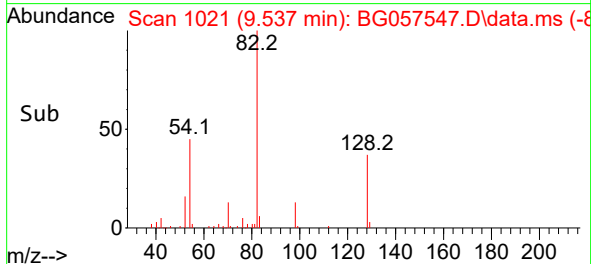
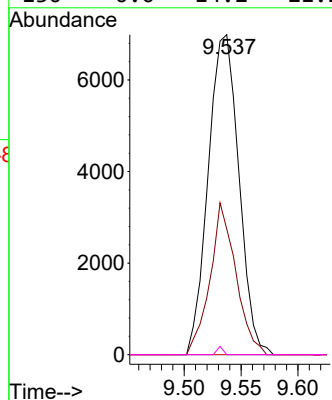
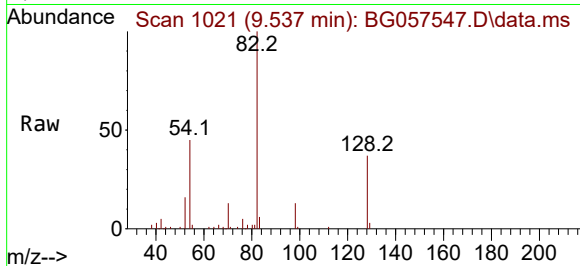




#19
n-Nitroso-di-n-propylamine
Concen: 9.303 ng
RT: 9.537 min Scan# 1021
Delta R.T. 0.373 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

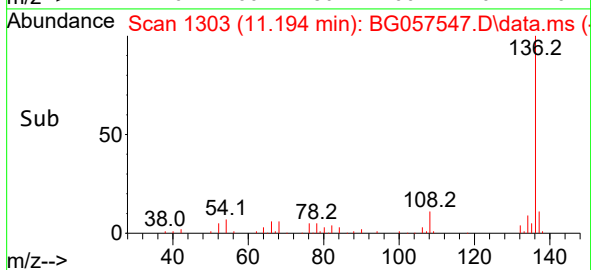
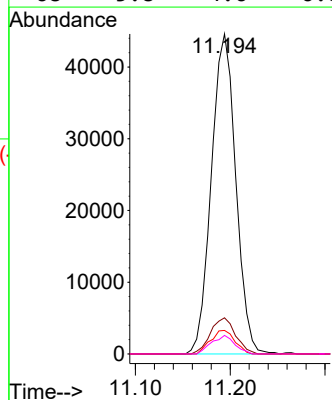
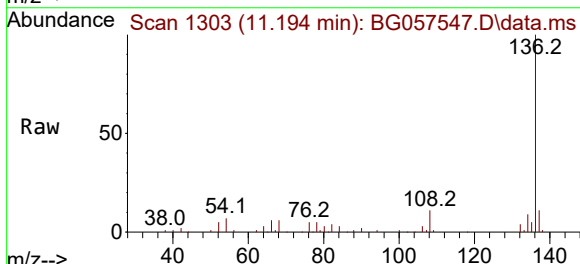
Instrument :
BNA_G
ClientSampleId :
SB06A

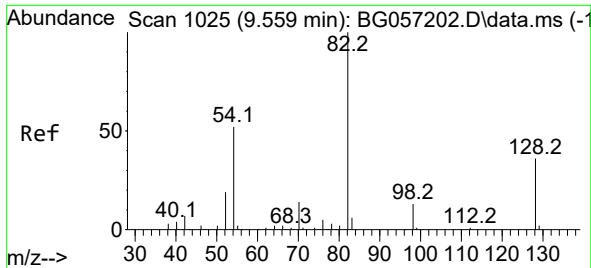
Tgt Ion: 70 Resp: 13114
Ion Ratio Lower Upper
70 100
42 39.2 41.8 62.8#
101 0.0 6.8 10.2#
130 0.0 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 1303
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion:136 Resp: 79816
Ion Ratio Lower Upper
136 100
137 11.3 8.3 12.5
54 7.4 6.7 10.1
68 5.8 4.6 6.8

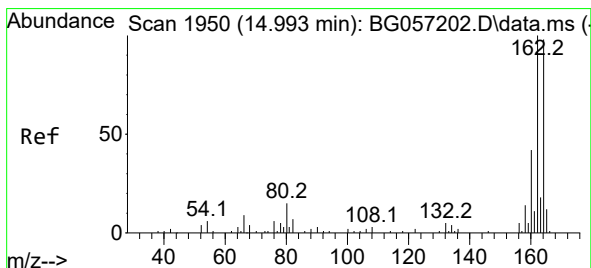
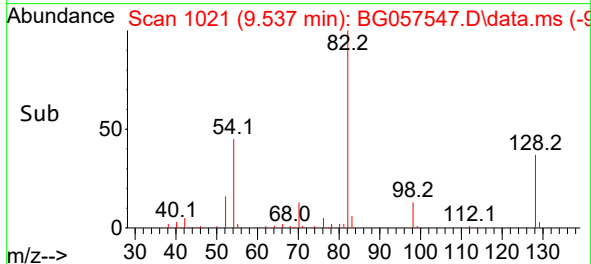
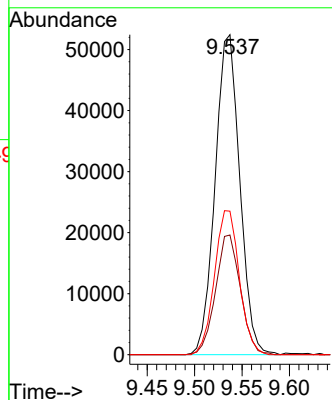
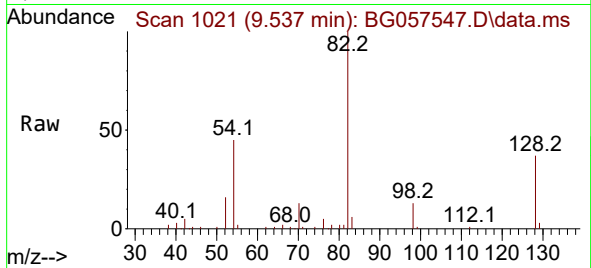




#23
Nitrobenzene-d5
Concen: 49.948 ng
RT: 9.537 min Scan# 1021
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

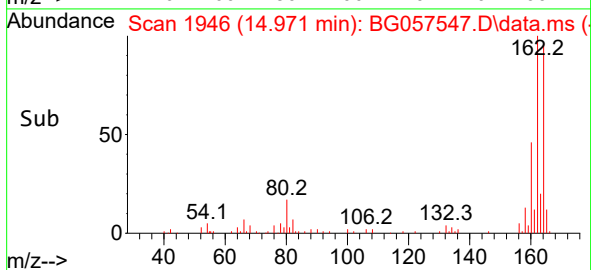
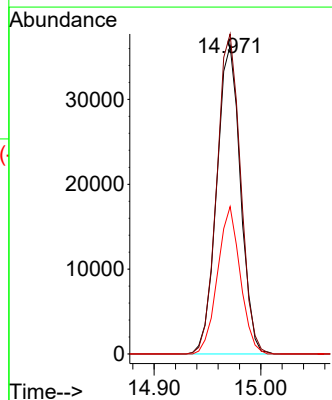
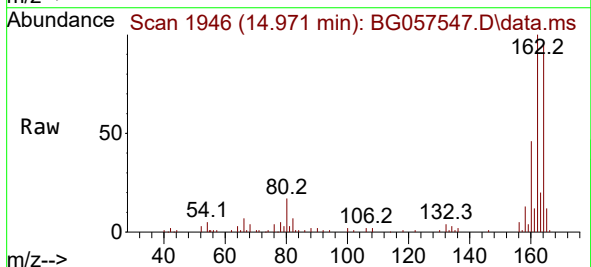
Instrument :
BNA_G
ClientSampleId :
SB06A

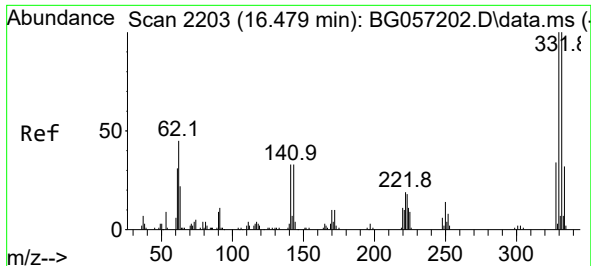
Tgt Ion: 82 Resp: 94986
Ion Ratio Lower Upper
82 100
128 37.4 29.0 43.4
54 44.9 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1946
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion:164 Resp: 56040
Ion Ratio Lower Upper
164 100
162 103.8 81.8 122.6
160 47.8 34.6 52.0

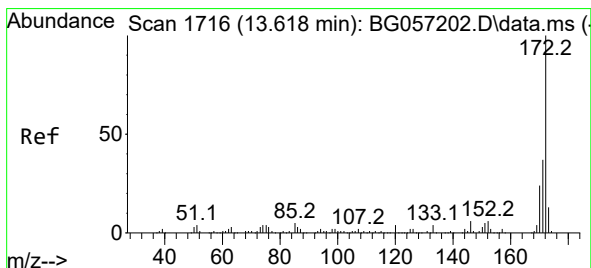
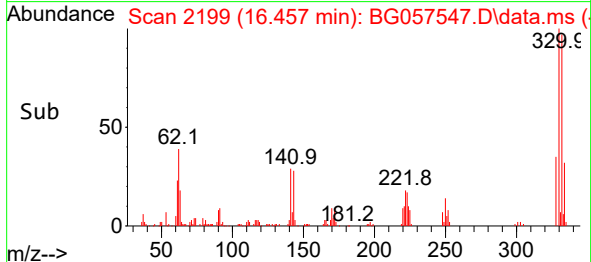
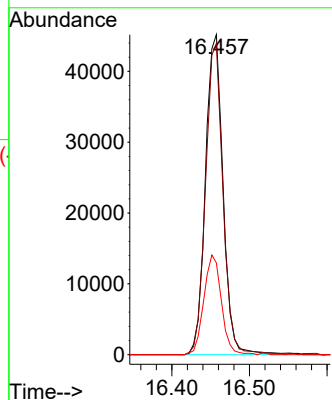
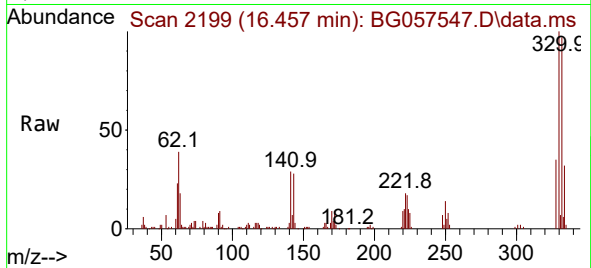




#42
2,4,6-Tribromophenol
Concen: 89.271 ng
RT: 16.457 min Scan# 21199
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

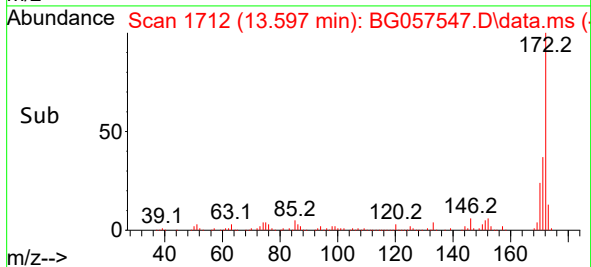
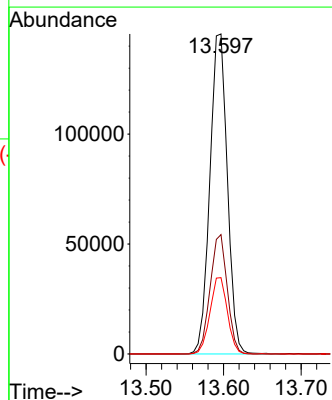
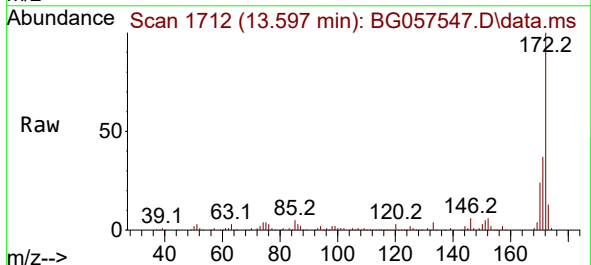
Instrument :
BNA_G
ClientSampleId :
SB06A

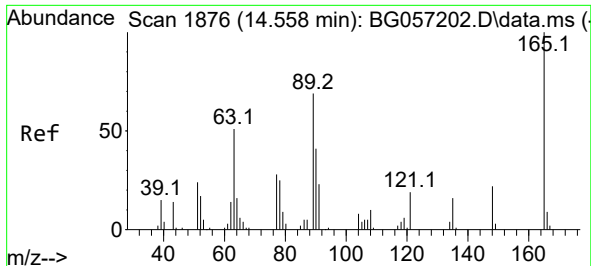
Tgt Ion:330 Resp: 70984
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 31.2 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 54.792 ng
RT: 13.597 min Scan# 1712
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion:172 Resp: 227987
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 23.9 19.0 28.6

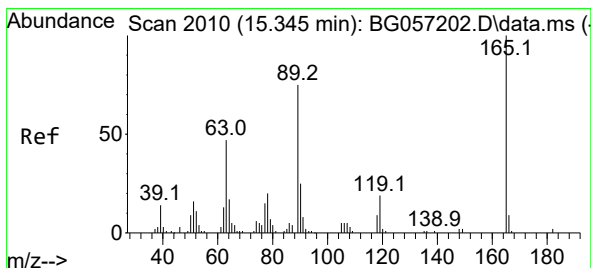
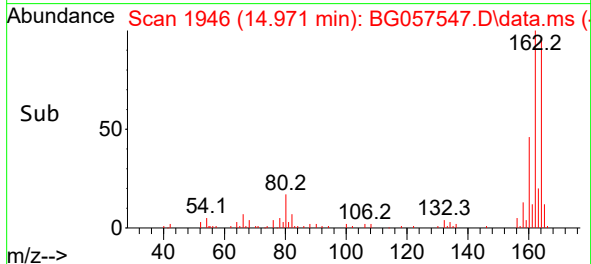
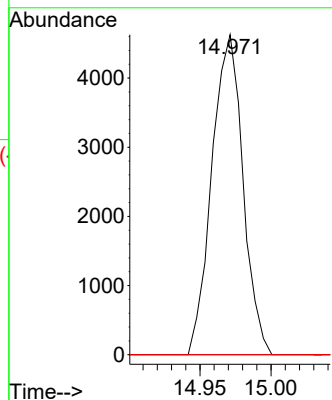
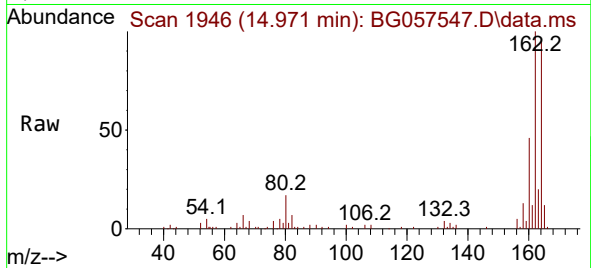




#51
2,6-Dinitrotoluene
Concen: 7.484 ng
RT: 14.971 min Scan# 1946
Delta R.T. 0.420 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

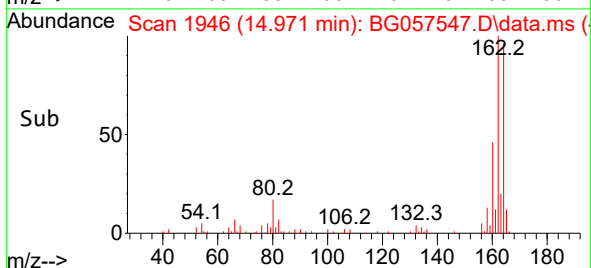
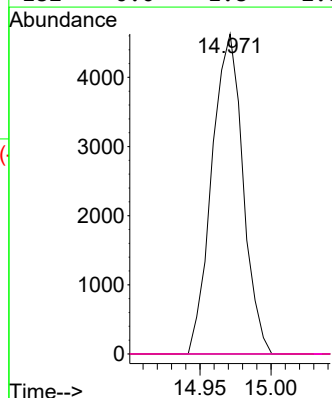
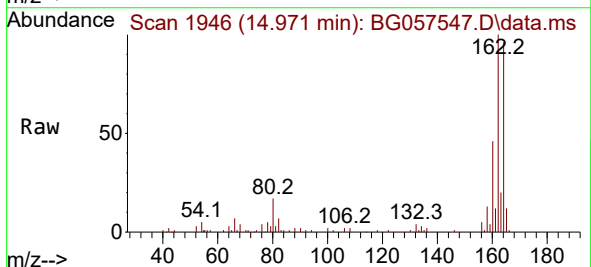
Instrument :
BNA_G
ClientSampleId :
SB06A

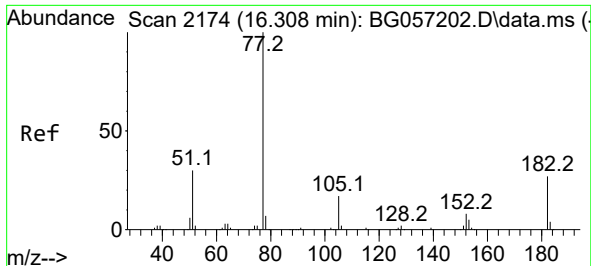
Tgt Ion:165 Resp: 7037
Ion Ratio Lower Upper
165 100
63 0.0 50.9 76.3#
89 0.0 55.2 82.8#



#57
2,4-Dinitrotoluene
Concen: 5.237 ng
RT: 14.971 min Scan# 1946
Delta R.T. -0.367 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

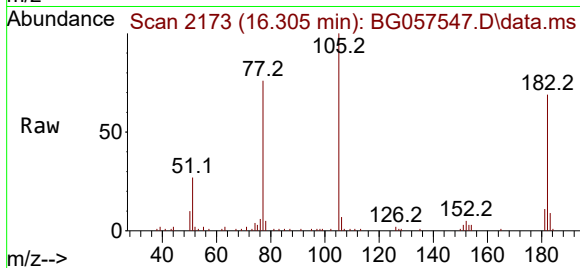
Tgt Ion:165 Resp: 7037
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 0.0 60.2 90.4#
182 0.0 1.8 2.8#



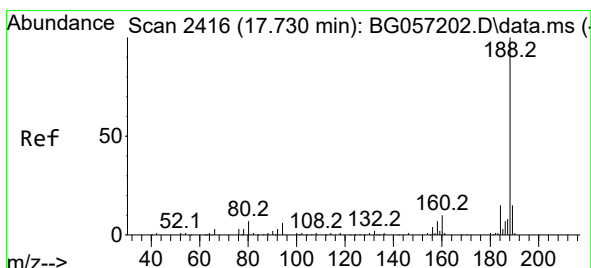
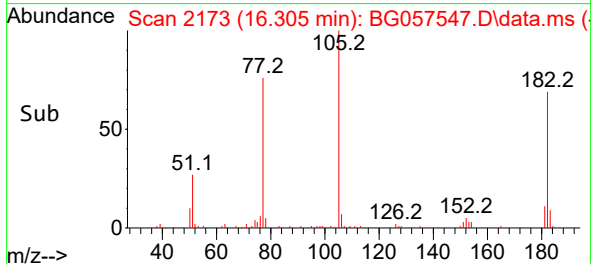
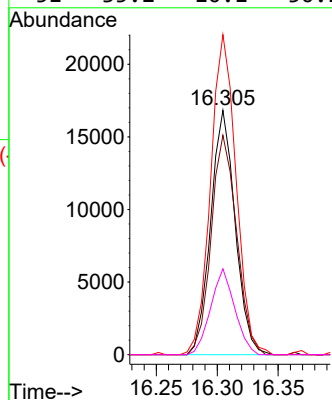


#63
 Azobenzene
 Concen: 5.211 ng
 RT: 16.305 min Scan# 2173
 Delta R.T. 0.014 min
 Lab File: BG057547.D
 Acq: 24 May 2023 23:43

Instrument :
 BNA_G
 ClientSampleId :
 SB06A

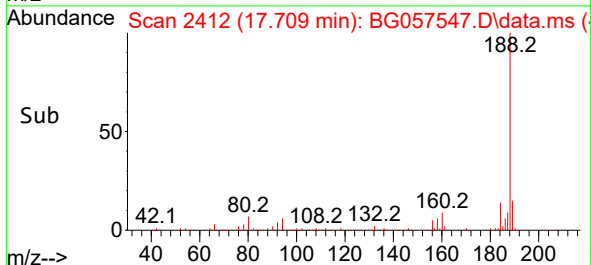
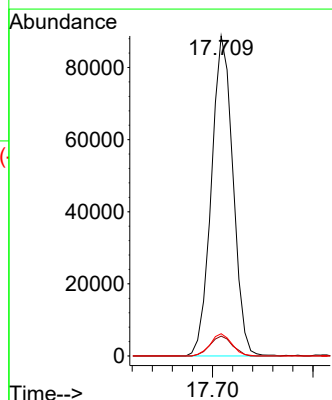
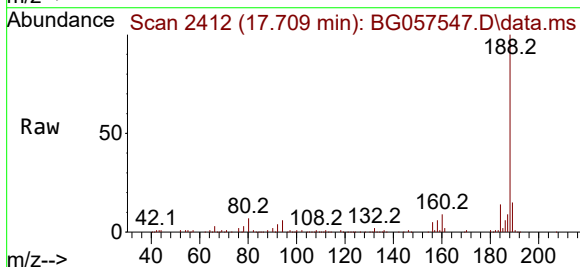


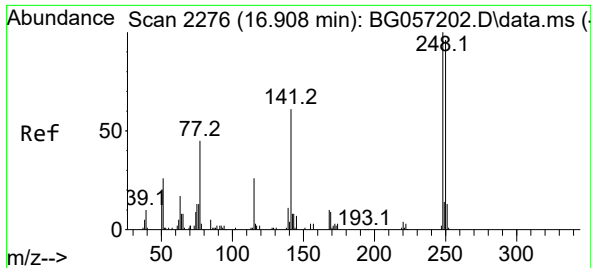
Tgt Ion: 77 Resp: 23514
 Ion Ratio Lower Upper
 77 100
 182 89.7 7.4 47.4#
 105 130.9 0.0 37.2#
 51 35.2 10.1 50.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.709 min Scan# 2412
 Delta R.T. -0.015 min
 Lab File: BG057547.D
 Acq: 24 May 2023 23:43

Tgt Ion: 188 Resp: 132899
 Ion Ratio Lower Upper
 188 100
 94 6.2 5.1 7.7
 80 6.9 5.7 8.5

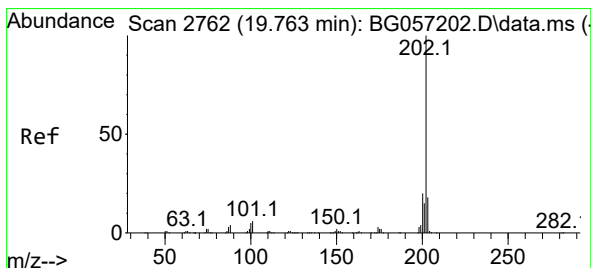
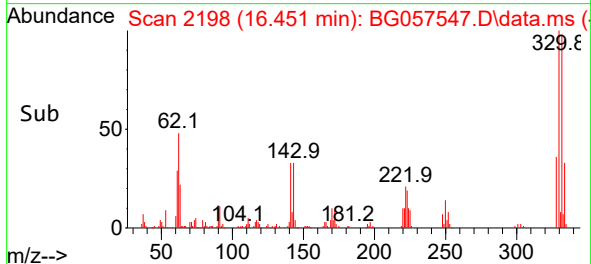
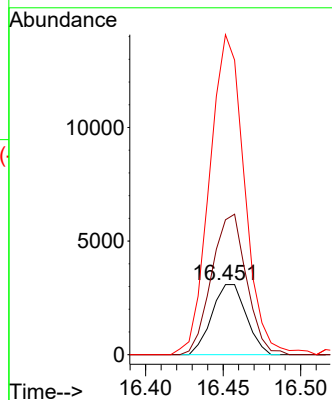
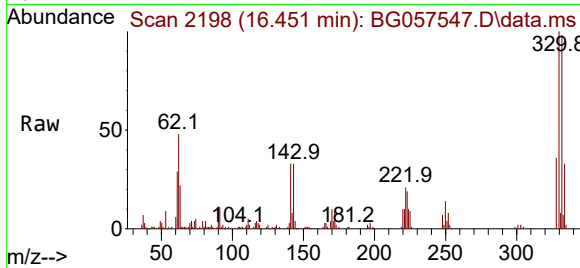




#67
4-Bromophenyl-phenylether
Concen: 2.935 ng
RT: 16.451 min Scan# 2198
Delta R.T. -0.444 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

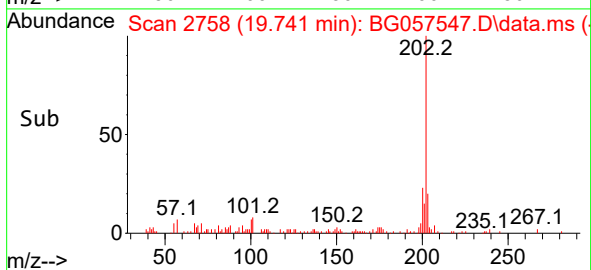
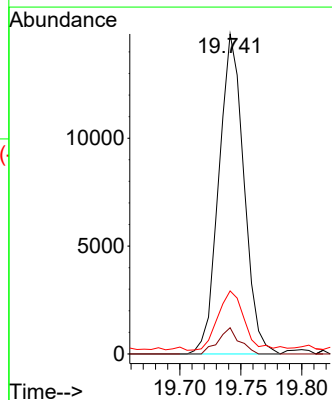
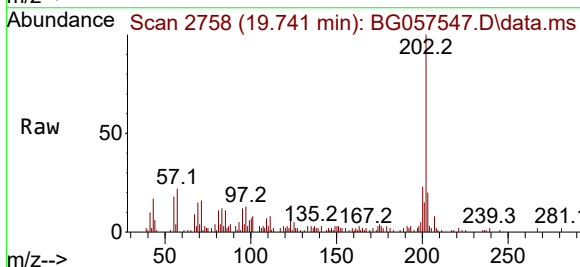
Instrument :
BNA_G
ClientSampleId :
SB06A

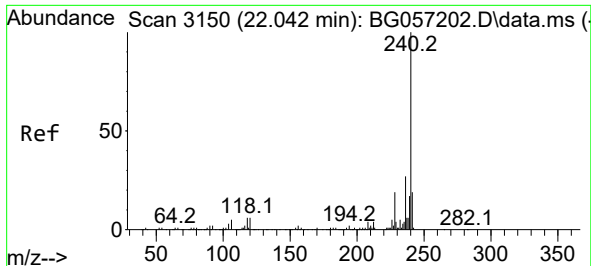
Tgt Ion:248 Resp: 4761
Ion Ratio Lower Upper
248 100
250 192.3 77.0 115.6#
141 456.1 48.6 72.8#



#75
Fluoranthene
Concen: 2.506 ng
RT: 19.741 min Scan# 2758
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion:202 Resp: 21225
Ion Ratio Lower Upper
202 100
101 8.2 0.0 26.2
203 19.7 0.0 37.9

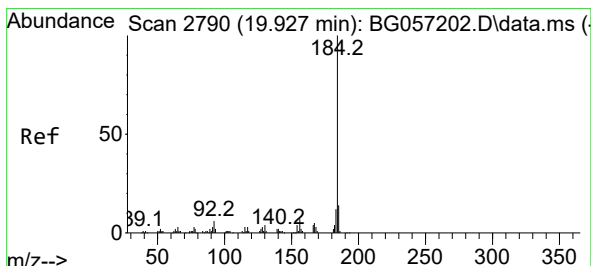
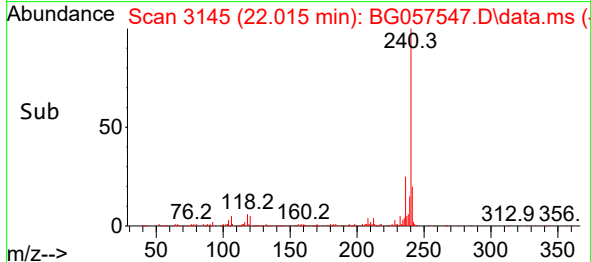
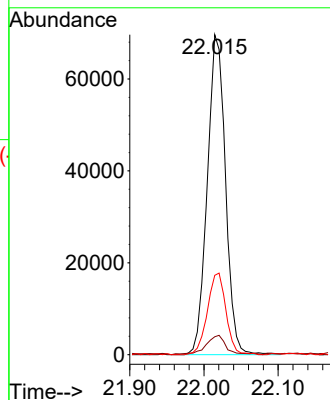
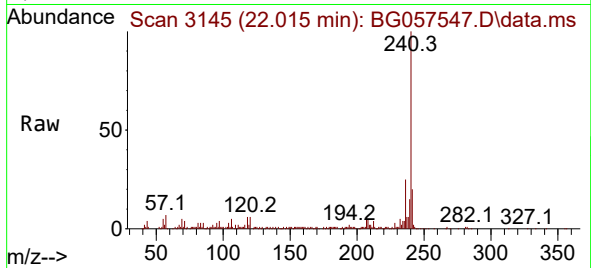




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.015 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

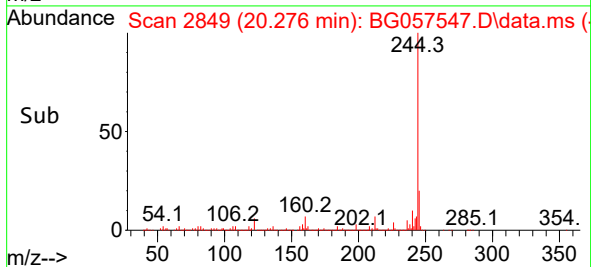
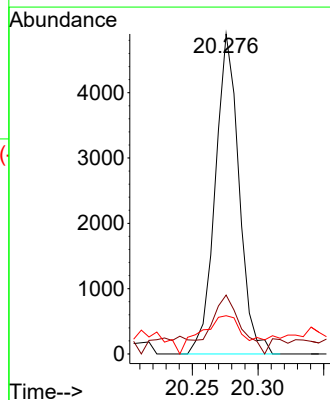
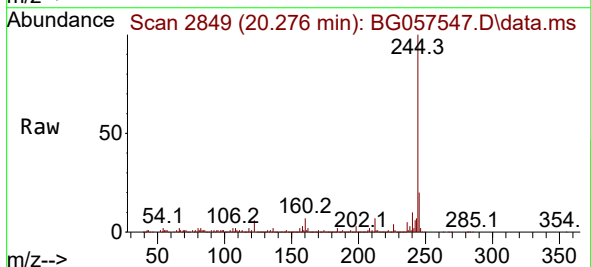
Instrument :
BNA_G
ClientSampleId :
SB06A

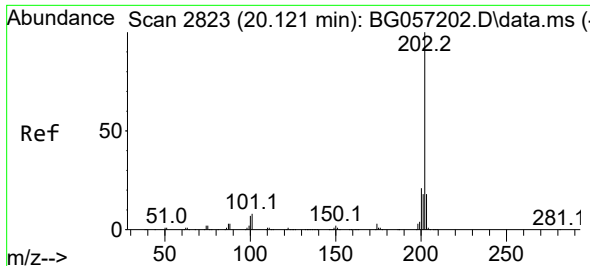
Tgt Ion:240 Resp: 119034
Ion Ratio Lower Upper
240 100
120 5.6 4.9 7.3
236 24.8 21.4 32.2



#77
Benzidine
Concen: 2.316 ng
RT: 20.276 min Scan# 2849
Delta R.T. 0.355 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion:184 Resp: 6163
Ion Ratio Lower Upper
184 100
185 18.4 11.1 16.7#
183 12.0 9.9 14.9

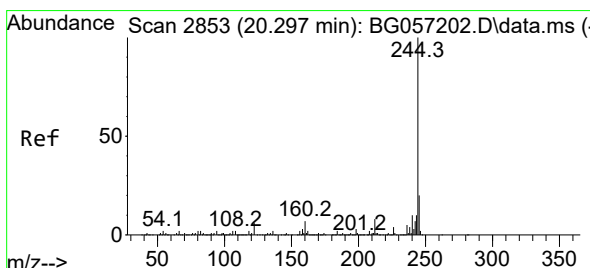
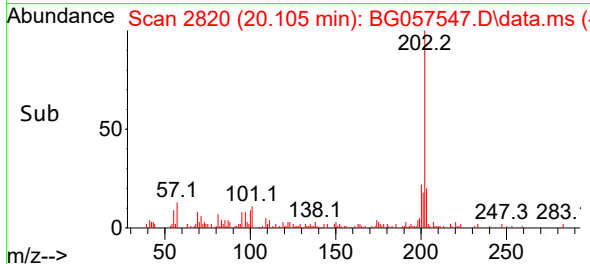
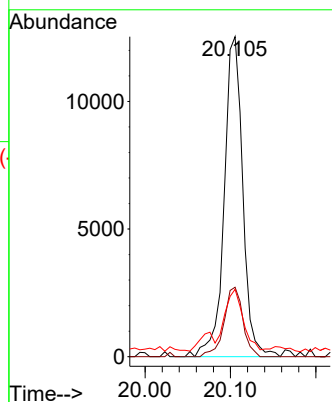
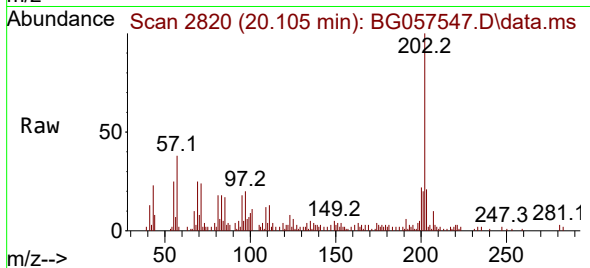




#78
Pyrene
Concen: 2.192 ng
RT: 20.105 min Scan# 2820
Delta R.T. -0.009 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

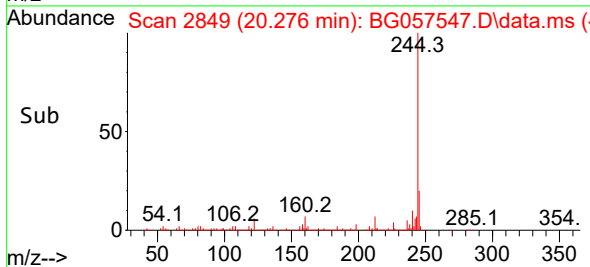
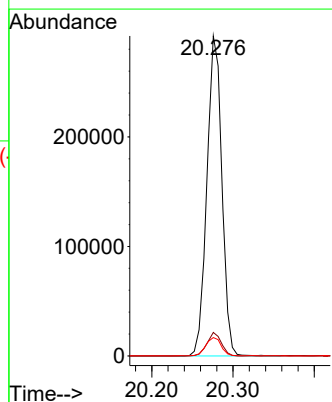
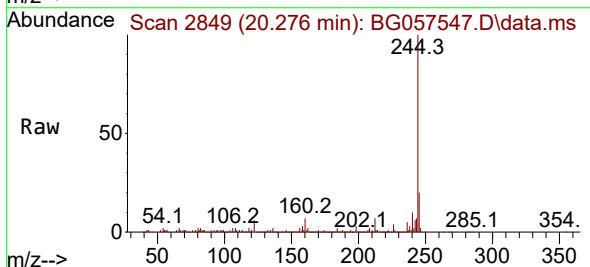
Instrument :
BNA_G
ClientSampleId :
SB06A

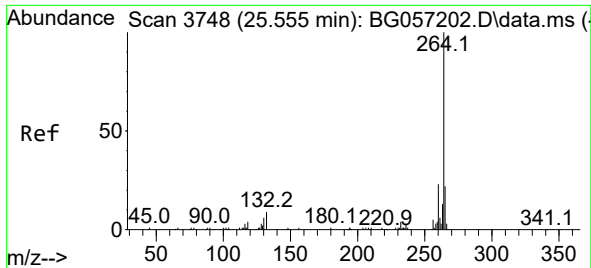
Tgt Ion:202 Resp: 18960
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.4
203 21.0 14.2 21.4



#79
Terphenyl-d14
Concen: 51.247 ng
RT: 20.276 min Scan# 2849
Delta R.T. -0.015 min
Lab File: BG057547.D
Acq: 24 May 2023 23:43

Tgt Ion:244 Resp: 373802
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 5.7 5.1 7.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.522 min Scan# 31
 Delta R.T. -0.021 min
 Lab File: BG057547.D
 Acq: 24 May 2023 23:43

Instrument :
 BNA_G
 ClientSampleId :
 SB06A

Tgt Ion:264 Resp: 133857
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.8 28.2
 265 20.7 17.9 26.9

