

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
 Data File : BG057688.D
 Acq On : 12 Jun 2023 19:28
 Operator : CG/JU
 Sample : PB153327BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153327BL

Quant Time: Jun 13 02:21:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 02:00:06 2023
 Response via : Initial Calibration

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

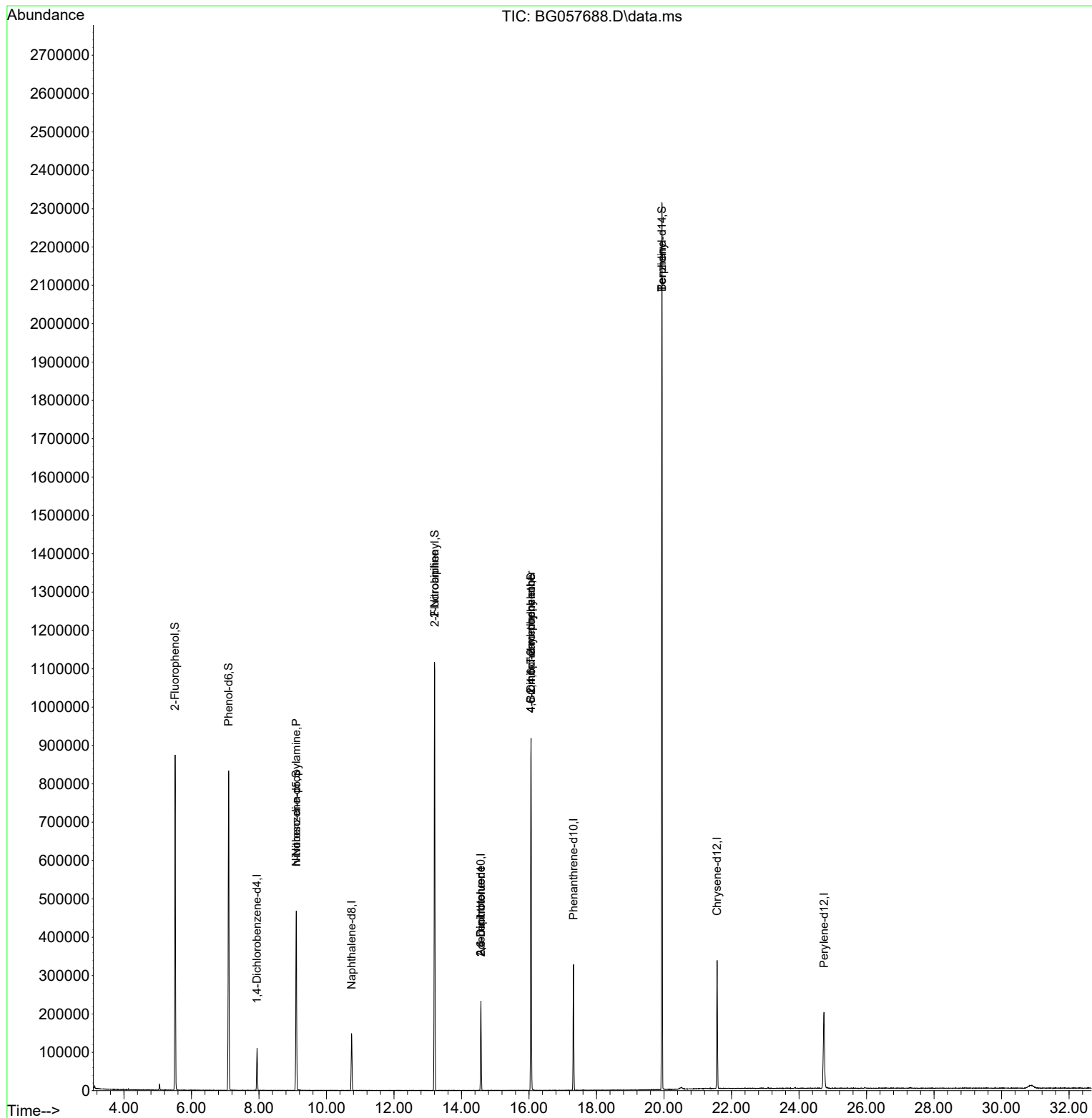
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	28389	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	118203	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	80795	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	203079	20.000	ng	0.00
76) Chrysene-d12	21.572	240	188929	20.000	ng	0.00
86) Perylene-d12	24.739	264	220674	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	332162	183.479	ng	0.00
7) Phenol-d6	7.101	99	450402	171.998	ng	0.00
23) Nitrobenzene-d5	9.104	82	254878	132.140	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	175839	178.433	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	612075	109.751	ng	0.00
79) Terphenyl-d14	19.939	244	1144455	111.879	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.104	70	34342	19.883	ng	# 82
48) 2-Nitroaniline	13.200	65	1130	6.822	ng	# 8
51) 2,6-Dinitrotoluene	14.575	165	10331	14.126	ng	# 17
57) 2,4-Dinitrotoluene	14.575	165	10331	12.785	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.055	198	388	5.130	ng	# 1
67) 4-Bromophenyl-phenylether	16.055	248	12399	5.767	ng	# 1
77) Benzidine	19.939	184	17668	3.684	ng	# 93

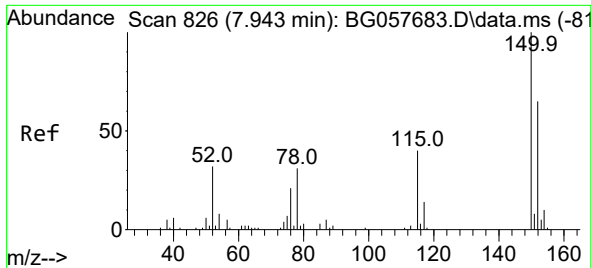
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061223\
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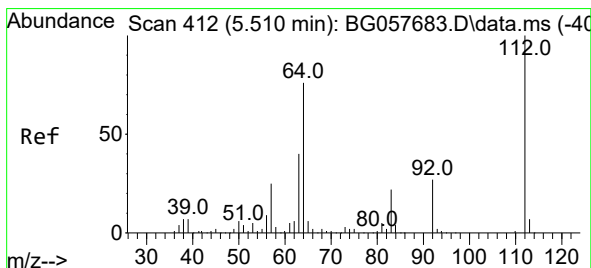
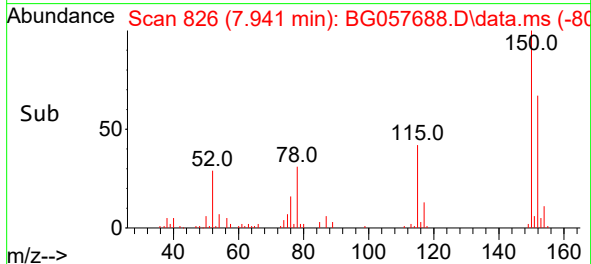
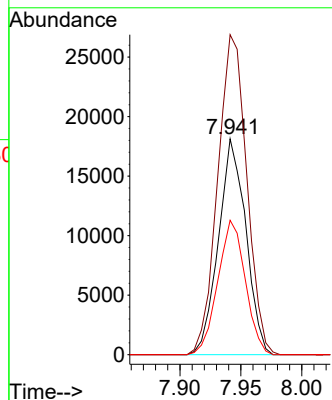
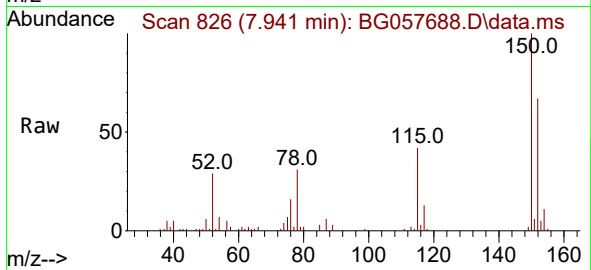




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

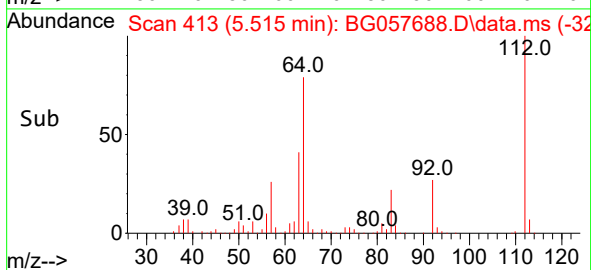
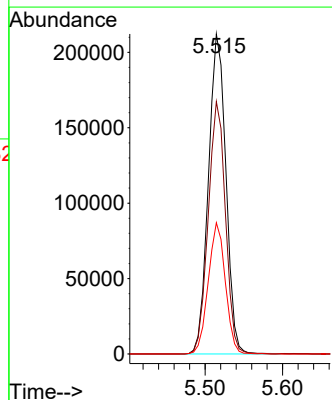
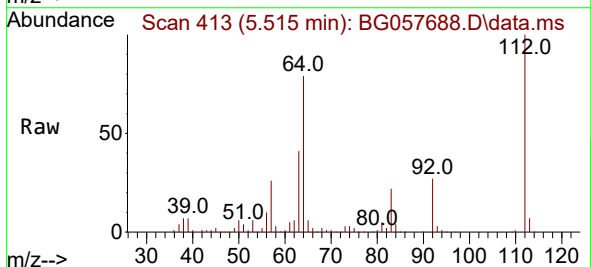
Instrument :
BNA_G
ClientSampleId :
PB153327BL

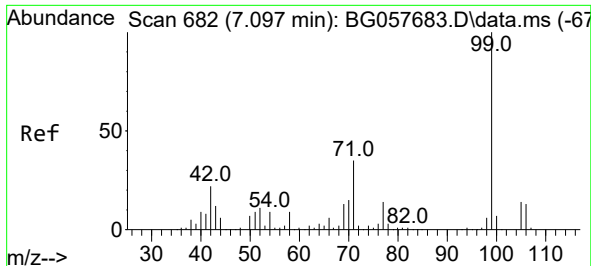
Tgt Ion:152 Resp: 28389
Ion Ratio Lower Upper
152 100
150 148.2 123.8 185.6
115 62.2 49.3 73.9



#5
2-Fluorophenol
Concen: 183.479 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.004 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion:112 Resp: 332162
Ion Ratio Lower Upper
112 100
64 78.9 61.0 91.4
63 41.0 31.8 47.8

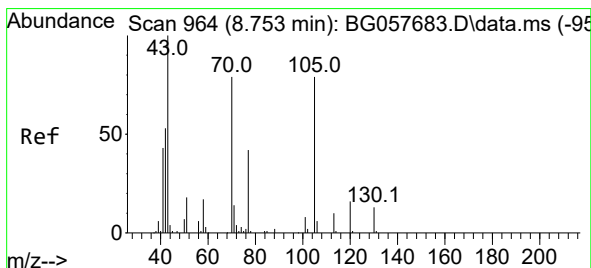
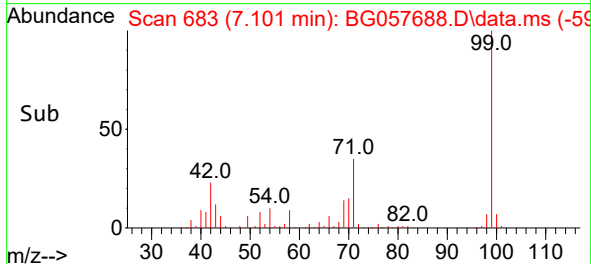
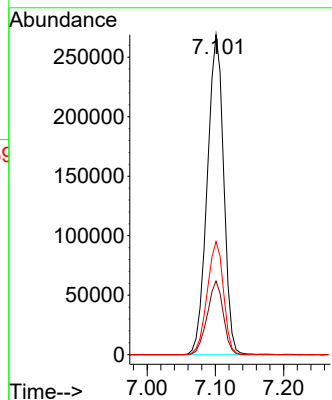
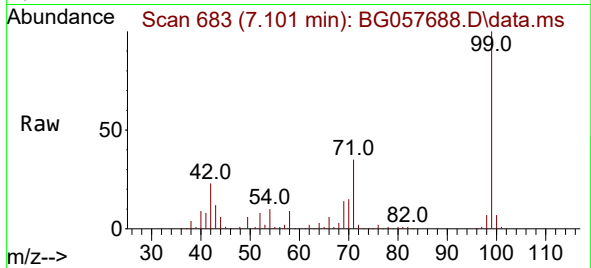




#7
Phenol-d6
Concen: 171.998 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

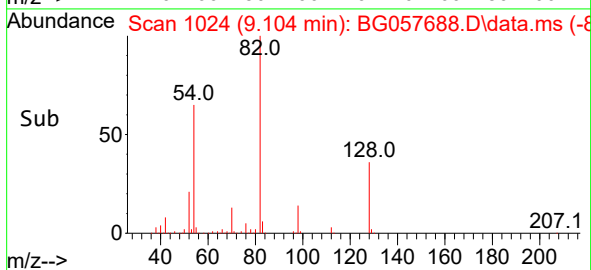
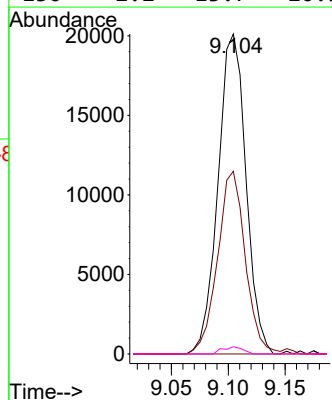
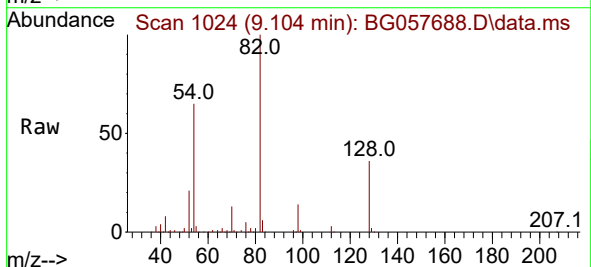
Instrument :
BNA_G
ClientSampleId :
PB153327BL

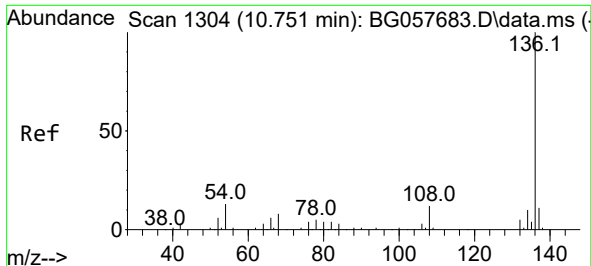
Tgt Ion: 99 Resp: 450402
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 35.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.883 ng
RT: 9.104 min Scan# 1024
Delta R.T. 0.351 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion: 70 Resp: 34342
Ion Ratio Lower Upper
70 100
42 57.1 54.3 81.5
101 0.0 7.7 11.5#
130 2.2 13.7 20.5#

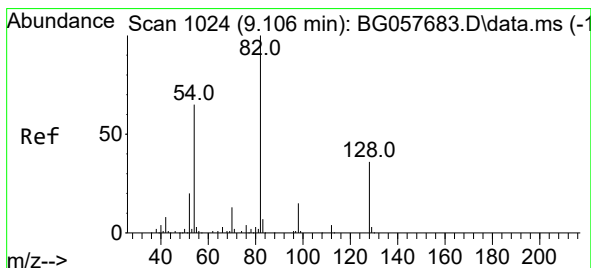
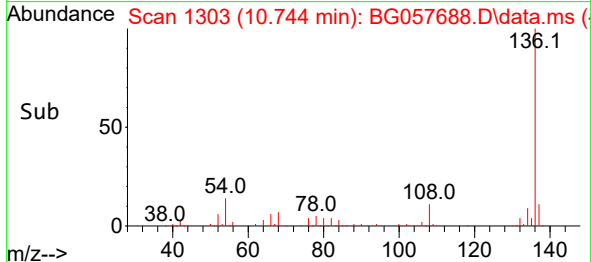
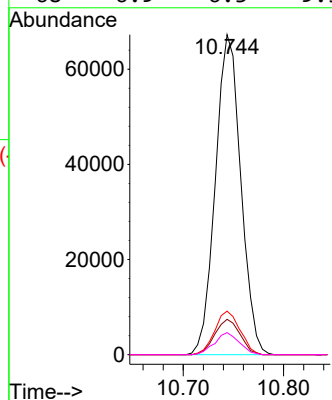
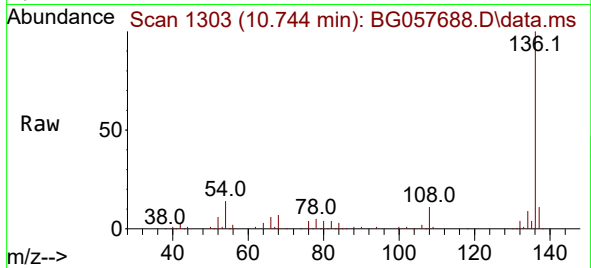




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

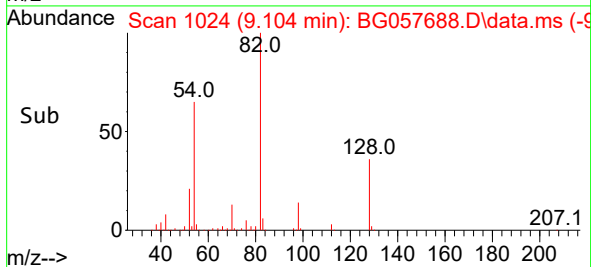
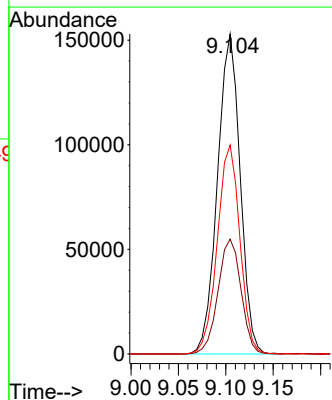
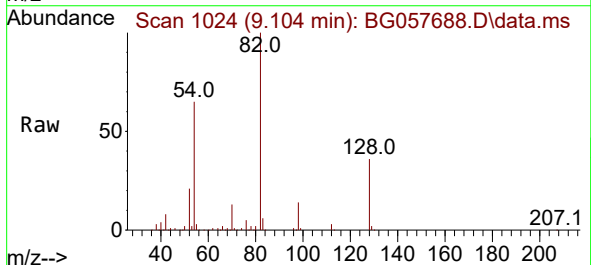
Instrument :
BNA_G
ClientSampleId :
PB153327BL

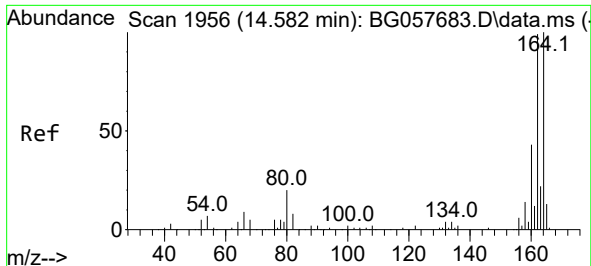
Tgt Ion:	136	Resp:	118203
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	13.6	10.3	15.5
68	6.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 132.140 ng
RT: 9.104 min Scan# 1024
Delta R.T. -0.002 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion:	82	Resp:	254878
Ion Ratio	Lower	Upper	
82	100		
128	35.9	28.6	43.0
54	65.3	51.8	77.8

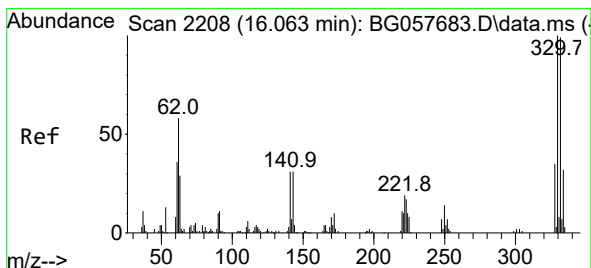
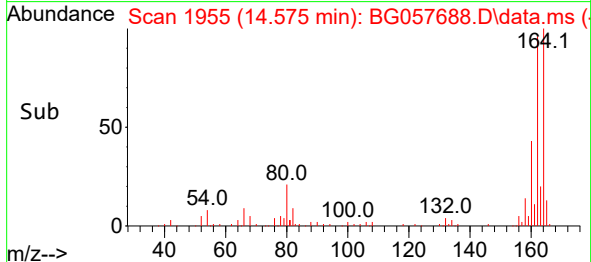
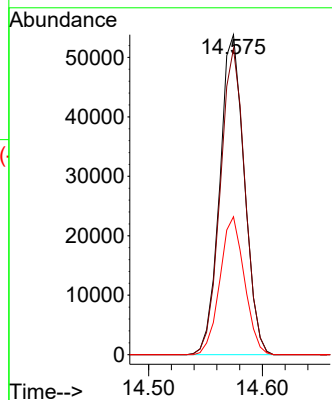
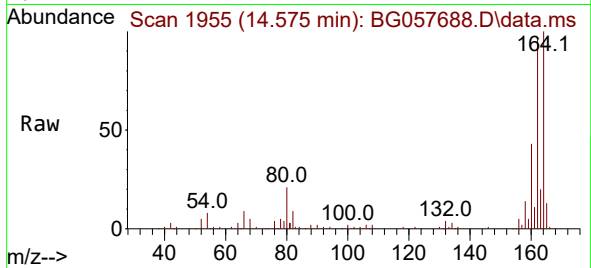




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

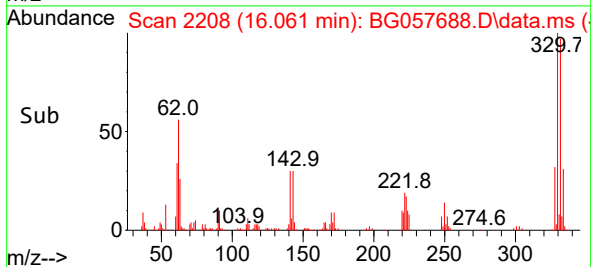
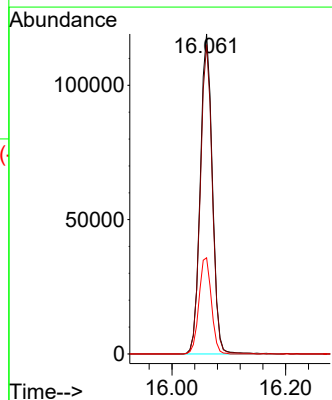
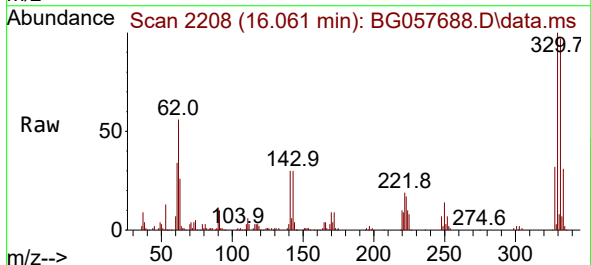
Instrument :
BNA_G
ClientSampleId :
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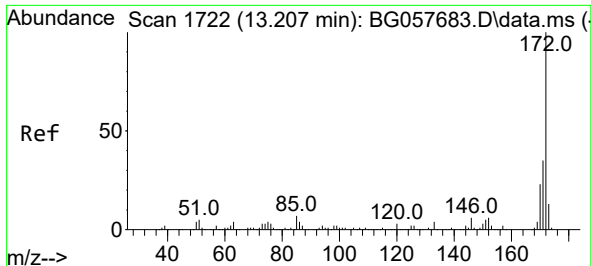
Tgt Ion:164 Resp: 80795
Ion Ratio Lower Upper
164 100
162 95.7 79.0 118.4
160 43.1 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 178.433 ng
RT: 16.061 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion:330 Resp: 175839
Ion Ratio Lower Upper
330 100
332 95.9 78.8 118.2
141 30.8 25.0 37.4

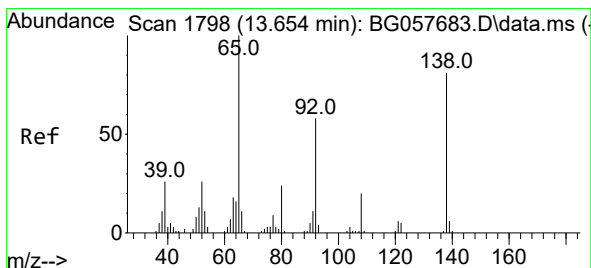
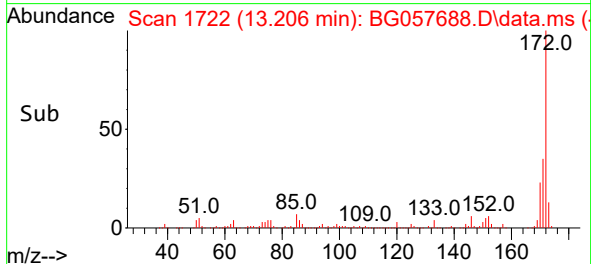
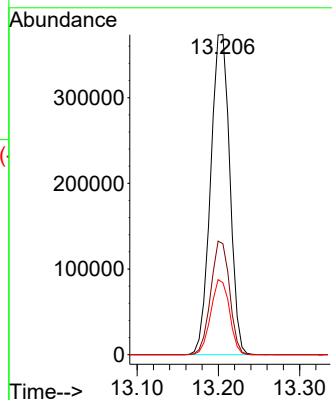
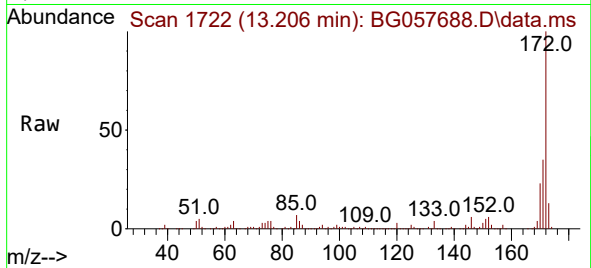




#45
2-Fluorobiphenyl
Concen: 109.751 ng
RT: 13.206 min Scan# 1721
Delta R.T. -0.002 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

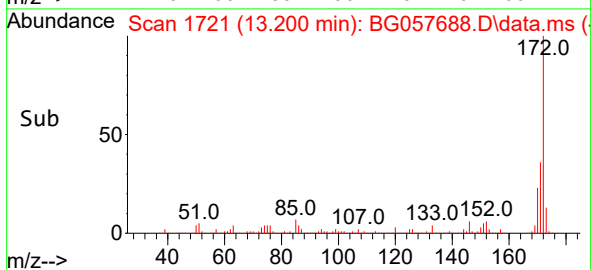
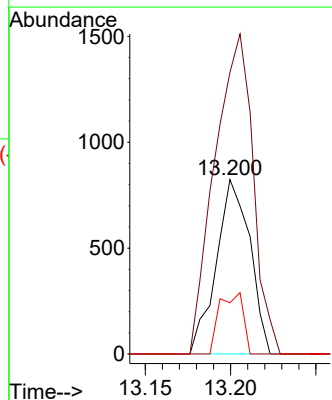
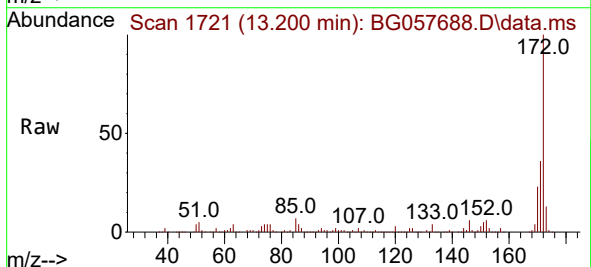
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ClientSampleId :
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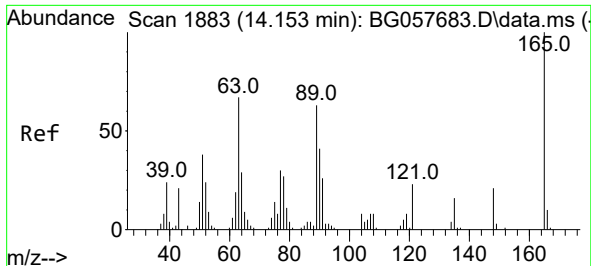
Tgt Ion:172 Resp: 612075
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 22.5 18.6 28.0



#48
2-Nitroaniline
Concen: 6.822 ng
RT: 13.200 min Scan# 1721
Delta R.T. -0.454 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion: 65 Resp: 1130
Ion Ratio Lower Upper
65 100
92 161.4 46.2 69.4#
138 29.4 65.2 97.8#

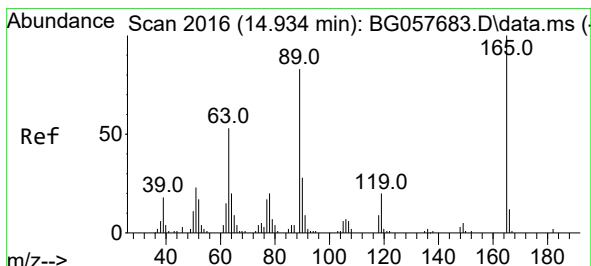
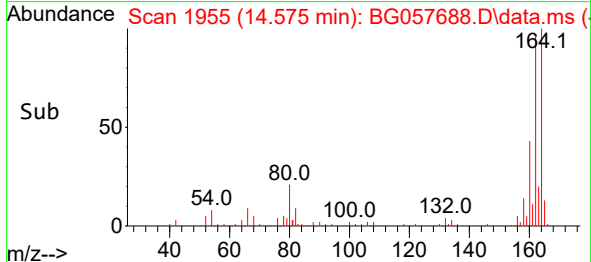
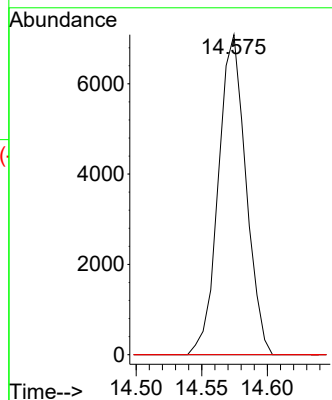
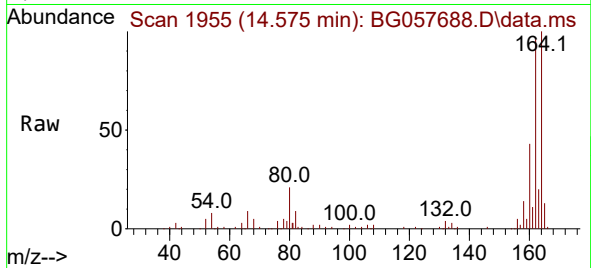




#51
2,6-Dinitrotoluene
Concen: 14.126 ng
RT: 14.575 min Scan# 1955
Delta R.T. 0.421 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

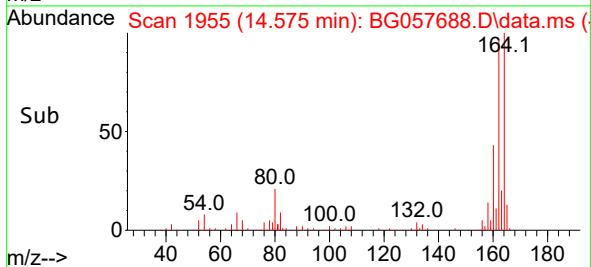
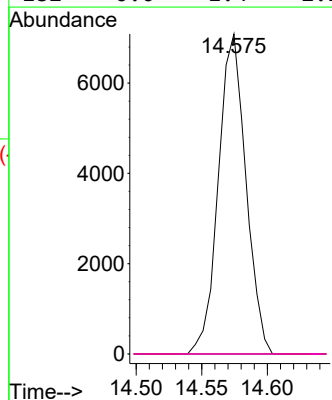
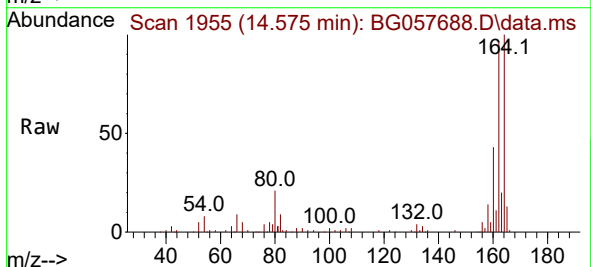
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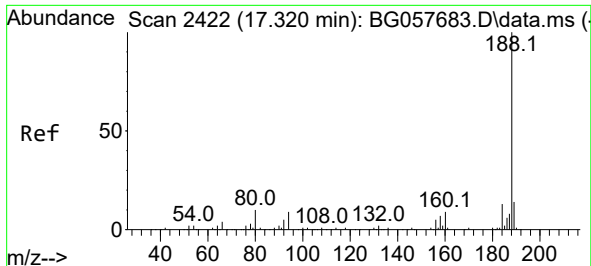
Tgt Ion:165 Resp: 10331
Ion Ratio Lower Upper
165 100
63 0.0 55.0 82.6#
89 0.0 50.6 75.8#



#57
2,4-Dinitrotoluene
Concen: 12.785 ng
RT: 14.575 min Scan# 1955
Delta R.T. -0.359 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion:165 Resp: 10331
Ion Ratio Lower Upper
165 100
63 0.0 42.1 63.1#
89 0.0 66.6 100.0#
182 0.0 1.4 2.2#

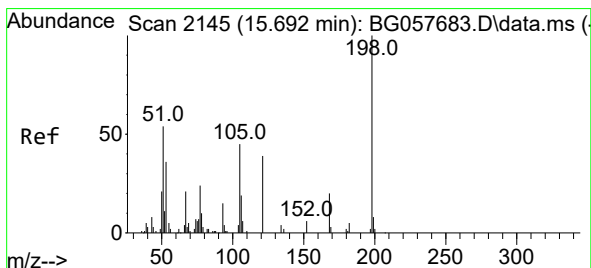
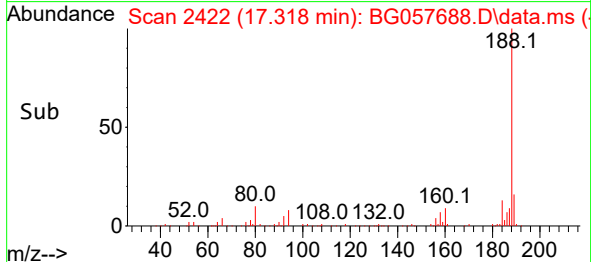
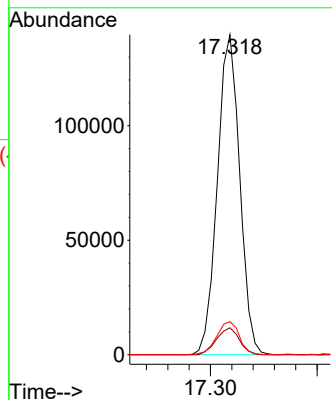
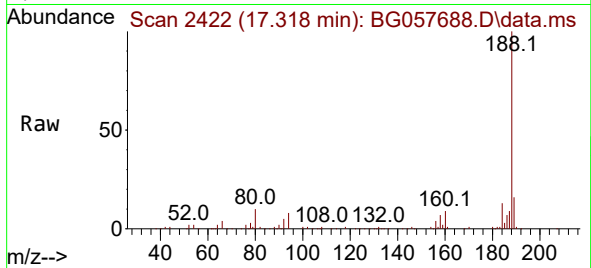




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

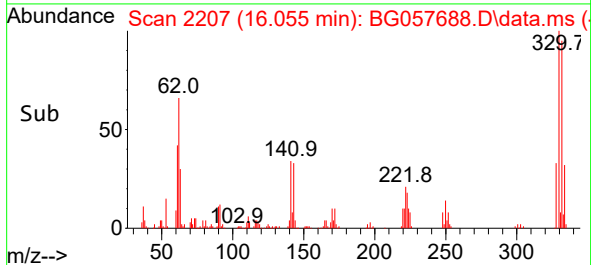
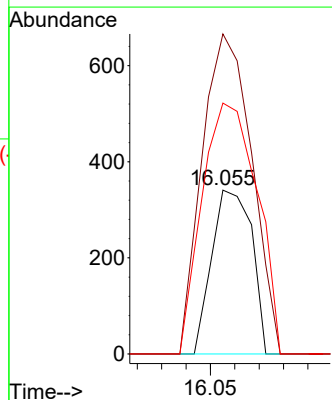
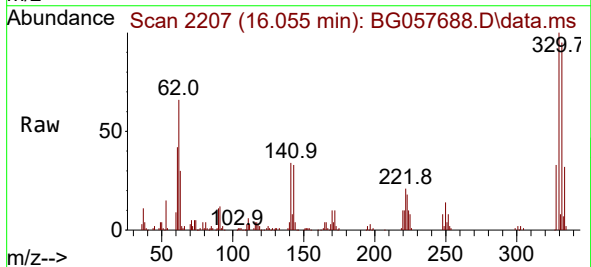
Instrument :
BNA_G
ClientSampleId :
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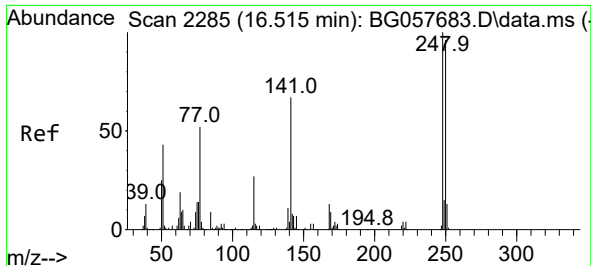
Tgt Ion:188 Resp: 203079
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 10.3 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.130 ng
RT: 16.055 min Scan# 2207
Delta R.T. 0.363 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion:198 Resp: 388
Ion Ratio Lower Upper
198 100
51 195.3 39.8 79.8#
105 153.1 27.2 67.2#

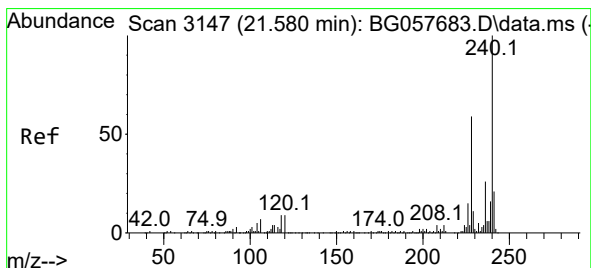
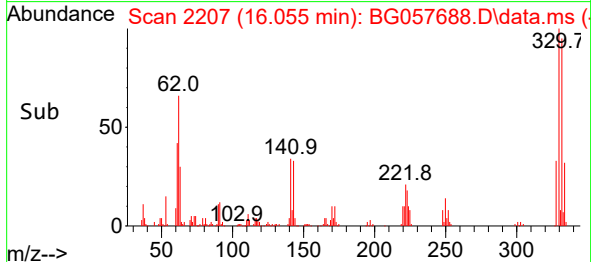
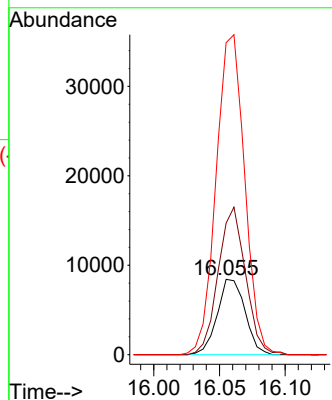
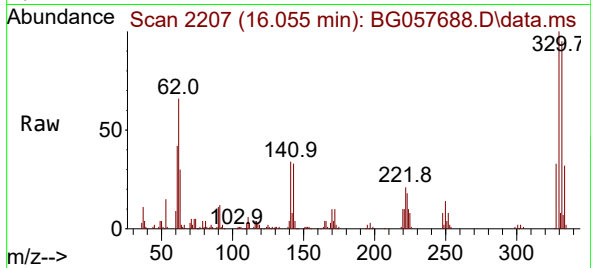




#67
4-Bromophenyl-phenylether
Concen: 5.767 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.460 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

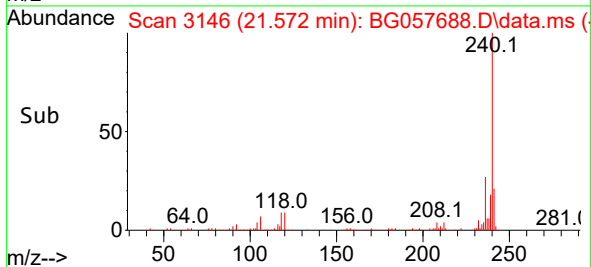
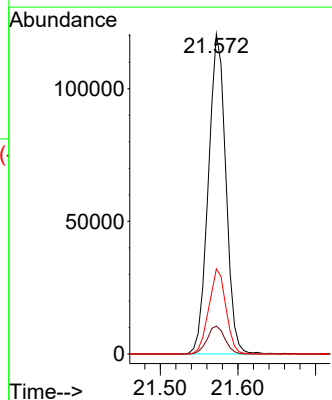
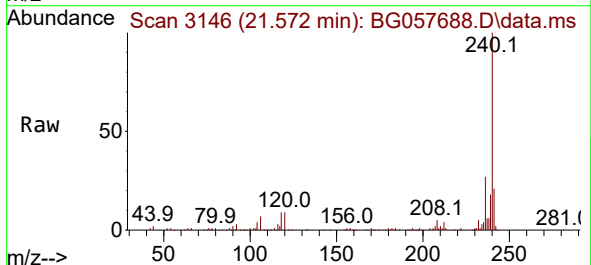
Instrument :
BNA_G
ClientSampleId :
PB153327BL

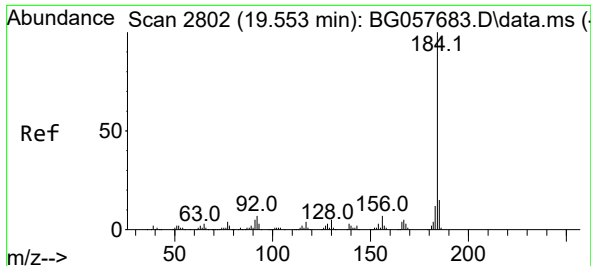
Tgt Ion:248 Resp: 12399
Ion Ratio Lower Upper
248 100
250 174.7 76.9 115.3#
141 414.2 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Tgt Ion:240 Resp: 188929
Ion Ratio Lower Upper
240 100
120 8.7 7.6 11.4
236 26.6 20.9 31.3

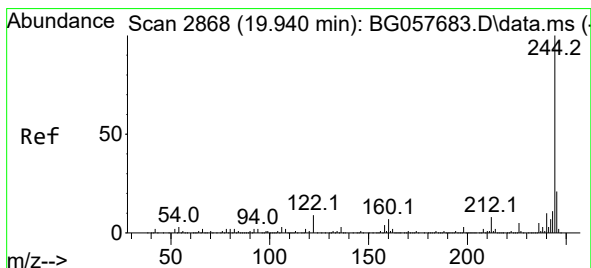
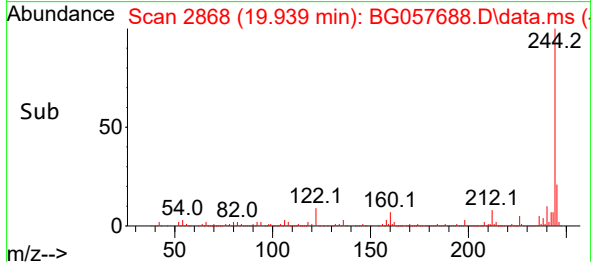
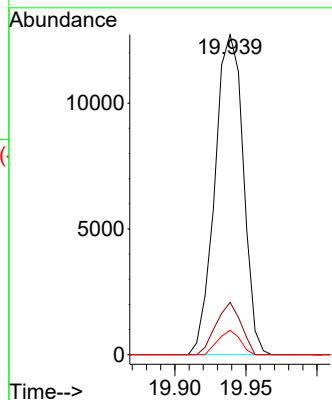
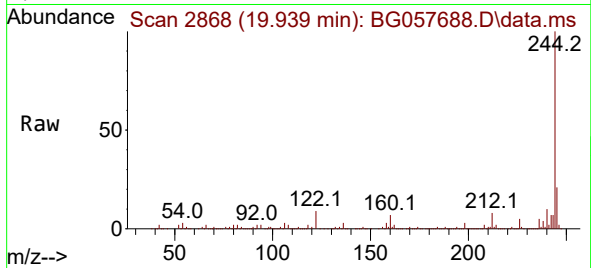




#77
Benzidine
Concen: 3.684 ng
RT: 19.939 min Scan# 21
Delta R.T. 0.386 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

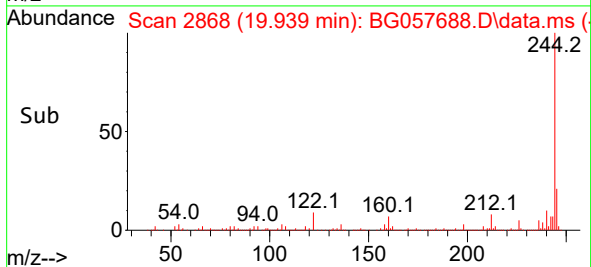
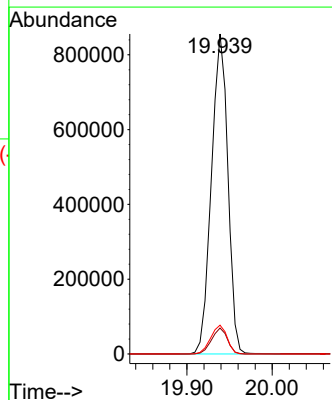
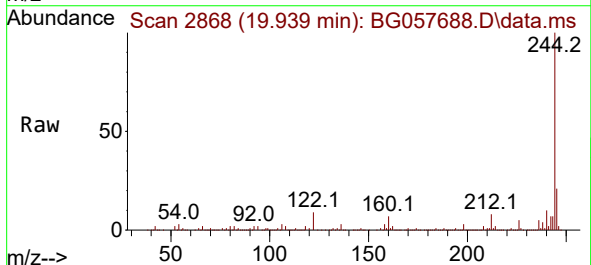
Instrument :
BNA_G
ClientSampleId :
PB153327BL

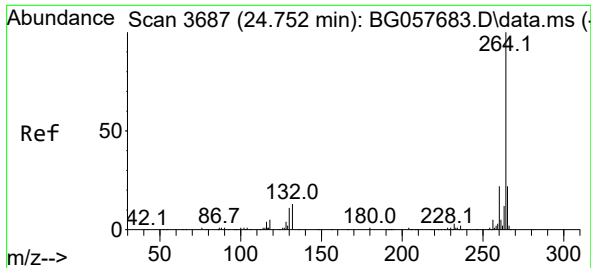
Tgt Ion:184 Resp: 17668
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 7.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 111.879 ng
RT: 19.939 min Scan# 2868
Delta R.T. -0.002 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

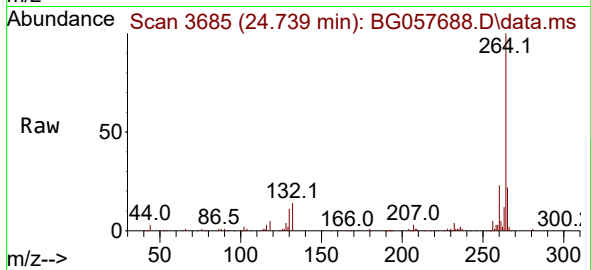
Tgt Ion:244 Resp: 1144455
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 9.0 7.0 10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.739 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG057688.D
Acq: 12 Jun 2023 19:28

Instrument :
BNA_G
ClientSampleId :
PB153327BL



Tgt Ion:264 Resp: 220674
Ion Ratio Lower Upper
264 100
260 23.0 17.6 26.4
265 21.5 17.4 26.0

