

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057886.D
 Acq On : 28 Jun 2023 10:25
 Operator : CG/JU
 Sample : 03366-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB02

Quant Time: Jun 28 11:38:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

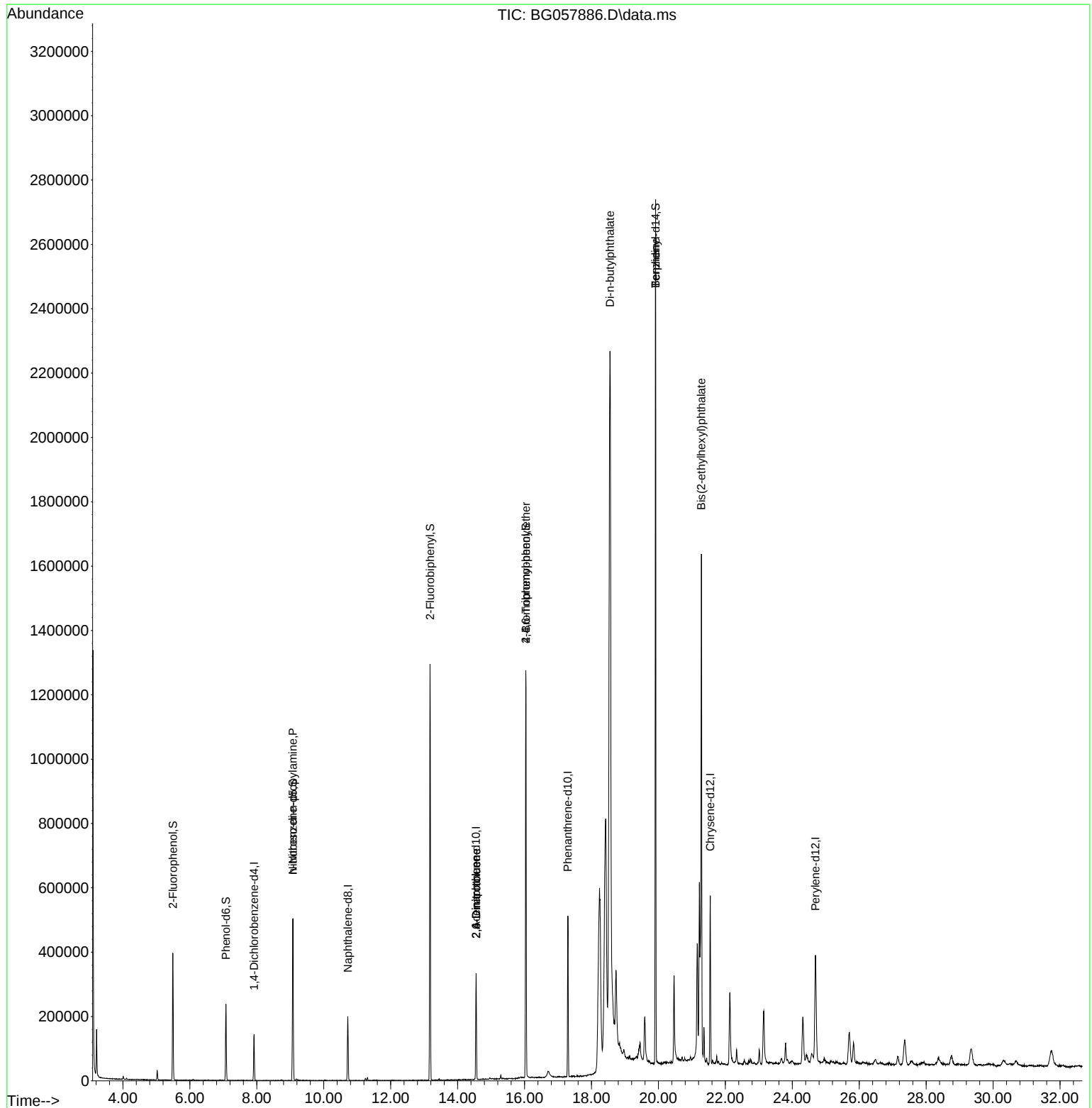
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	39351	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	165217	20.000	ng	0.00
39) Acenaphthene-d10	14.550	164	118401	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	317226	20.000	ng	0.00
76) Chrysene-d12	21.548	240	291526	20.000	ng	0.00
86) Perylene-d12	24.691	264	361188	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	164267	63.868	ng	0.00
7) Phenol-d6	7.076	99	134586	34.994	ng	0.00
23) Nitrobenzene-d5	9.080	82	308957	91.645	ng	0.00
42) 2,4,6-Tribromophenol	16.042	330	273168	137.363	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	688768	88.774	ng	0.00
79) Terphenyl-d14	19.914	244	1385323	86.633	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.082	77	121	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.080	70	38953	15.136	ng	# 76
51) 2,6-Dinitrotoluene	14.556	165	15705	8.060	ng	# 24
57) 2,4-Dinitrotoluene	14.556	165	15705	5.555	ng	# 21
67) 4-Bromophenyl-phenylether	16.042	248	17468	5.216	ng	# 1
74) Di-n-butylphthalate	18.551	149	2557811	138.585	ng	# 93
77) Benzidine	19.914	184	18672	2.730	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.283	149	738274	61.603	ng	# 53

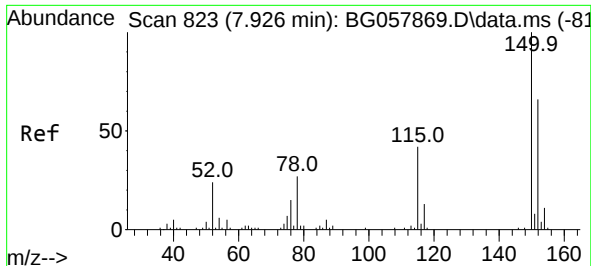
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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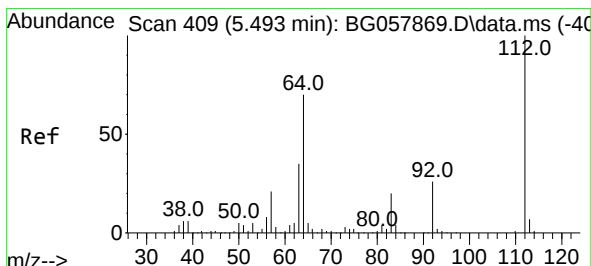
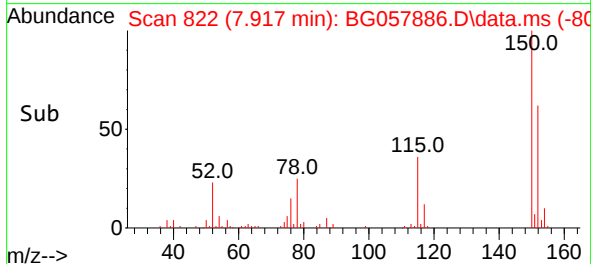
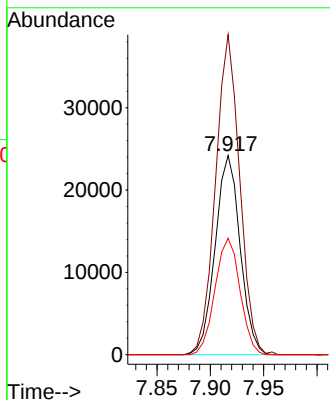
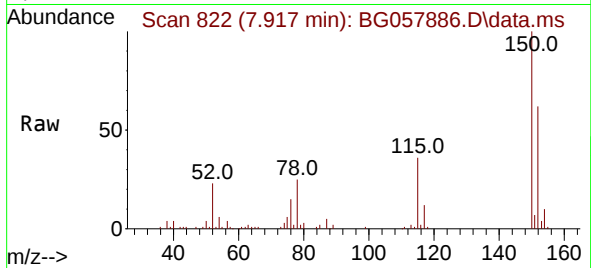




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.917 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

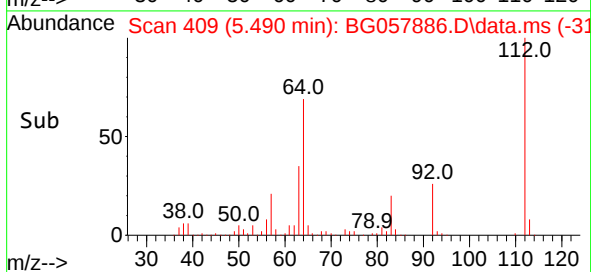
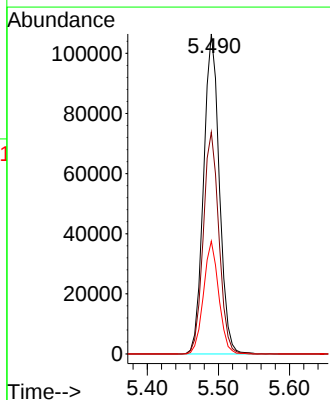
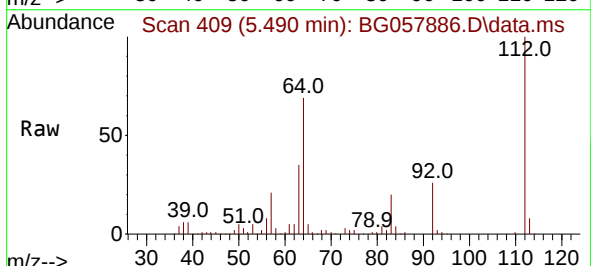
Instrument :
BNA_G
ClientSampleId :
FB02

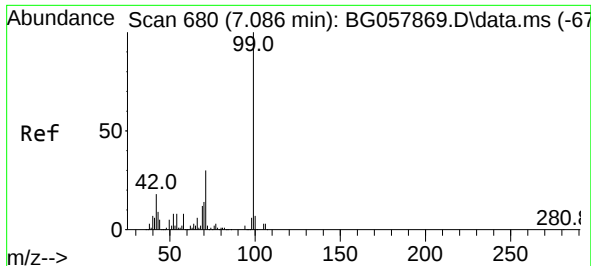
Tgt Ion:152 Resp: 39351
Ion Ratio Lower Upper
152 100
150 160.7 122.0 183.0
115 58.5 50.7 76.1



#5
2-Fluorophenol
Concen: 63.868 ng
RT: 5.490 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:112 Resp: 164267
Ion Ratio Lower Upper
112 100
64 69.3 55.8 83.6
63 35.2 27.9 41.9

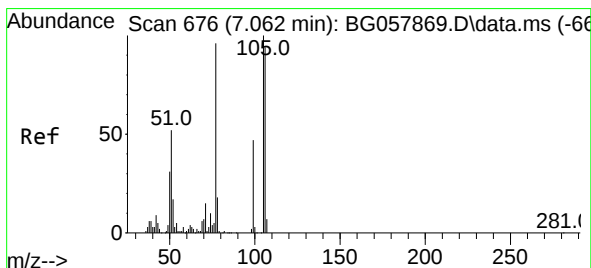
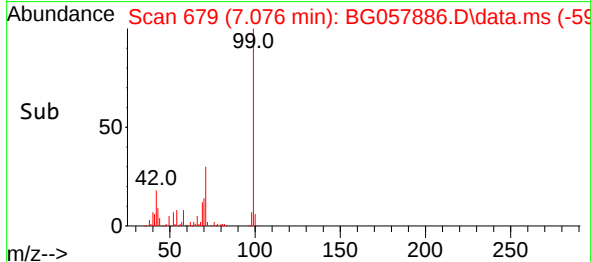
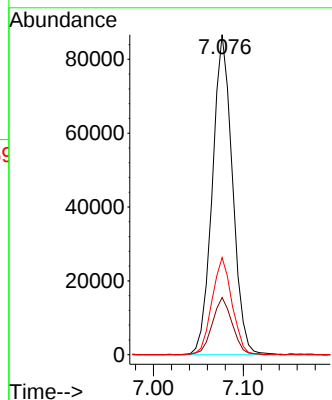
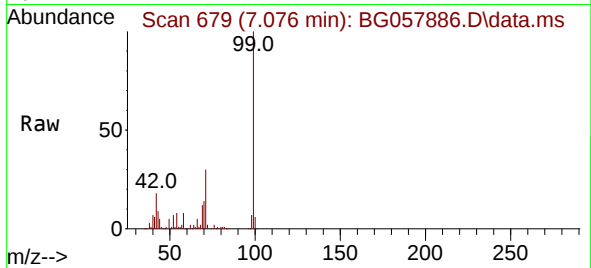




#7
Phenol-d6
Concen: 34.994 ng
RT: 7.076 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

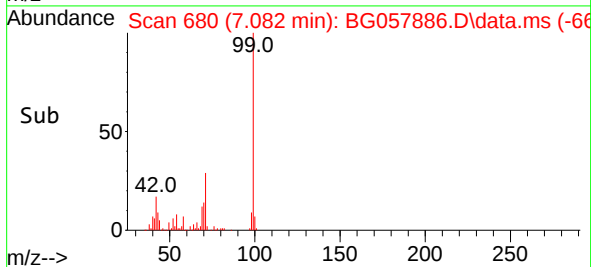
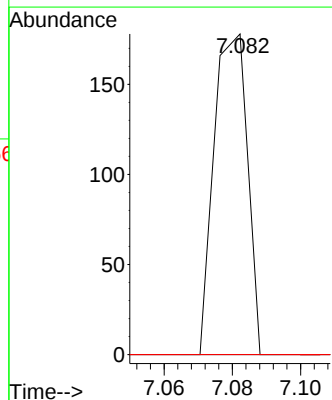
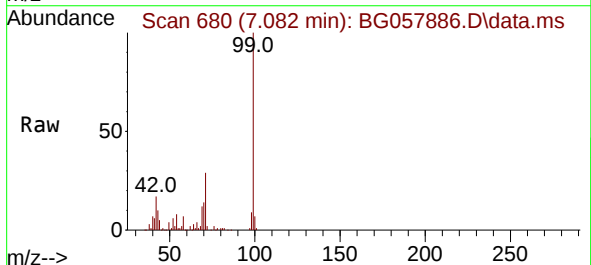
Instrument :
BNA_G
ClientSampleId :
FB02

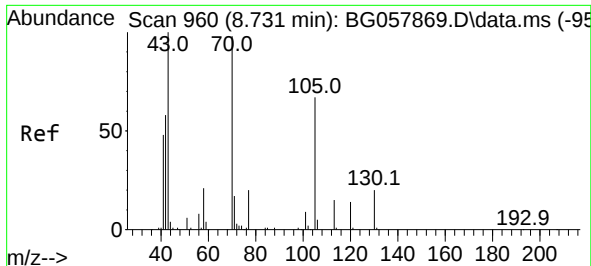
Tgt Ion: 99 Resp: 134586
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.3 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.082 min Scan# 680
Delta R.T. 0.020 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion: 77 Resp: 121
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

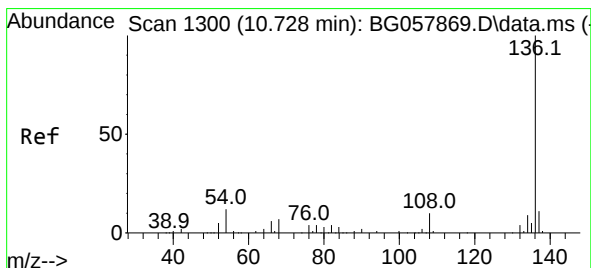
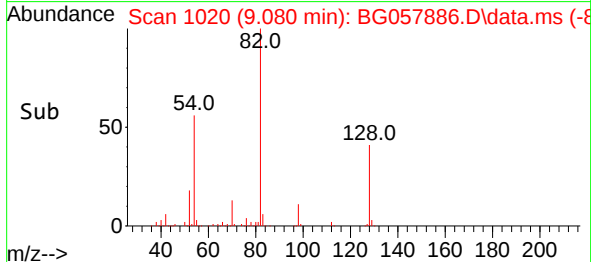
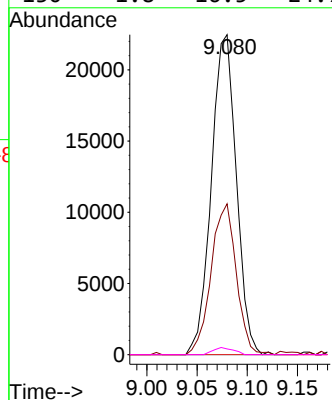
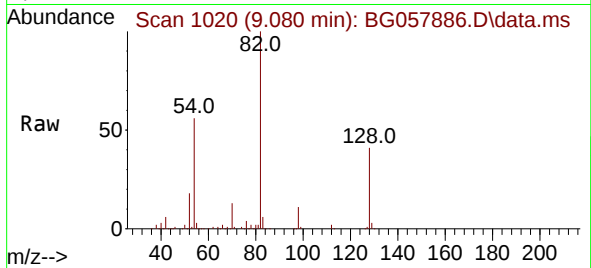




#19
n-Nitroso-di-n-propylamine
Concen: 15.136 ng
RT: 9.080 min Scan# 11
Delta R.T. 0.349 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

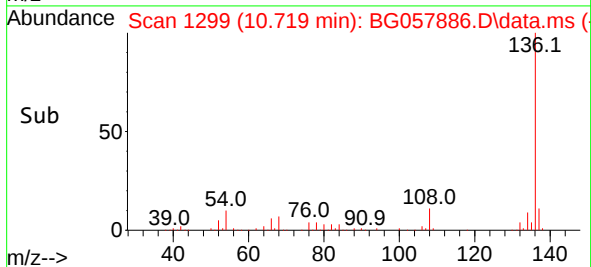
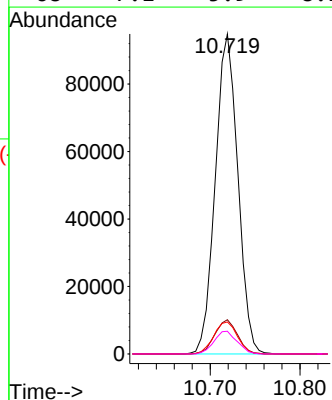
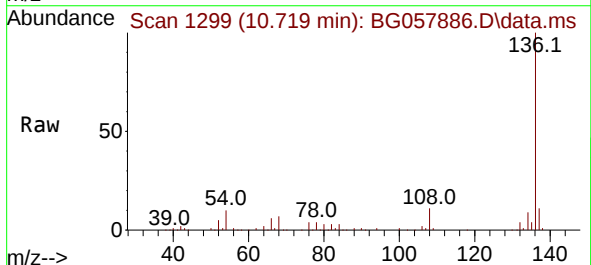
Instrument :
BNA_G
ClientSampleId :
FB02

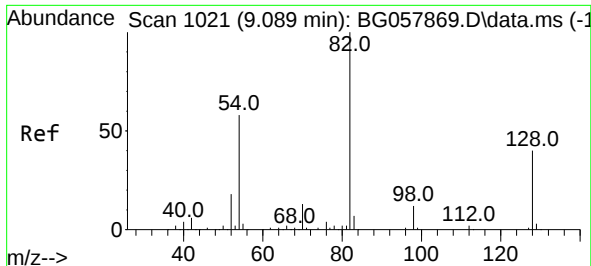
Tgt Ion: 70 Resp: 38953
Ion Ratio Lower Upper
70 100
42 47.2 48.4 72.6#
101 0.0 7.2 10.8#
130 1.8 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:136 Resp: 165217
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 10.0 9.3 13.9
68 7.1 5.9 8.9

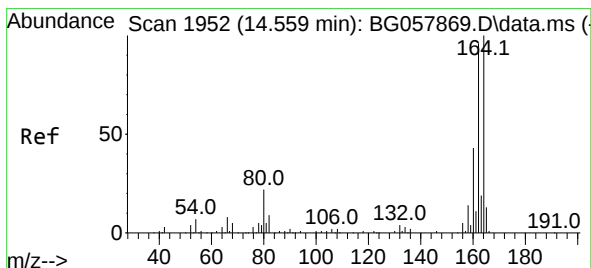
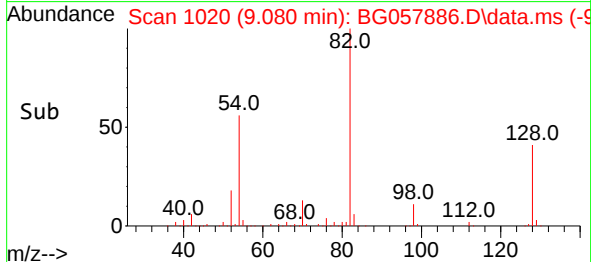
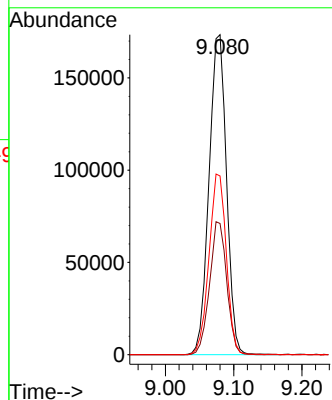
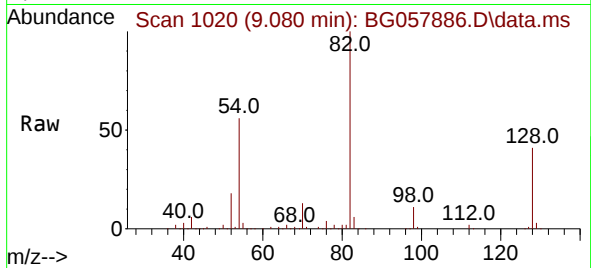




#23
Nitrobenzene-d5
Concen: 91.645 ng
RT: 9.080 min Scan# 1021
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

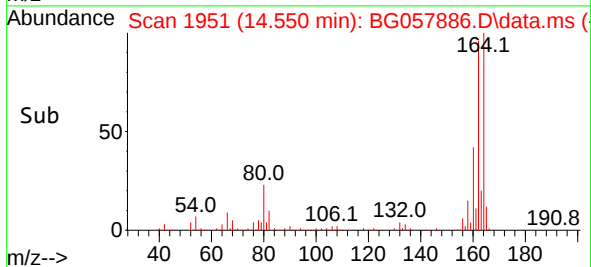
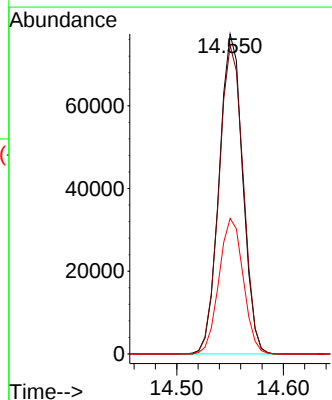
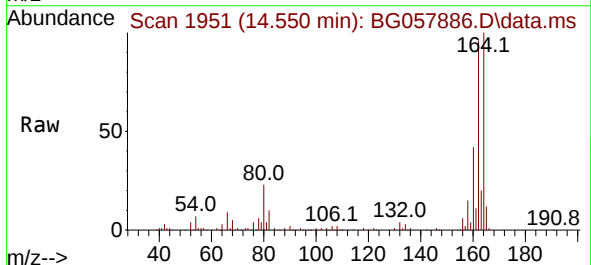
Instrument :
BNA_G
ClientSampleId :
FB02

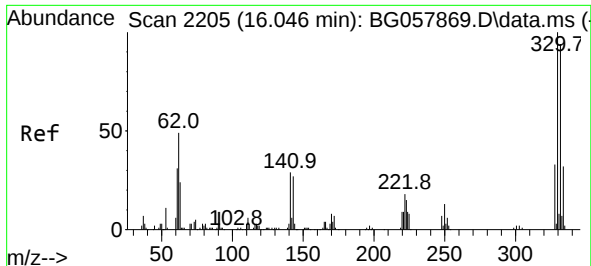
Tgt Ion: 82 Resp: 308957
Ion Ratio Lower Upper
82 100
128 41.0 32.2 48.4
54 55.8 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:164 Resp: 118401
Ion Ratio Lower Upper
164 100
162 96.4 76.4 114.6
160 42.4 34.2 51.2

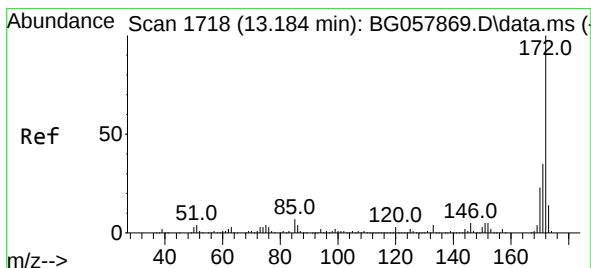
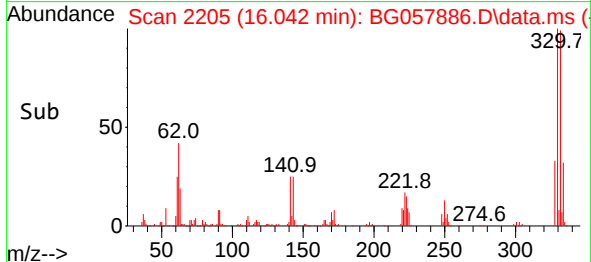
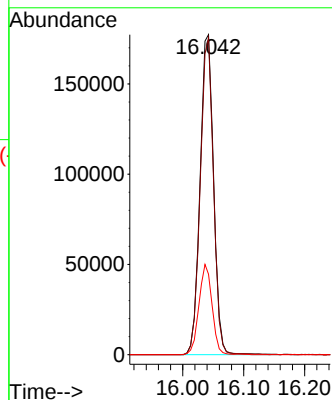
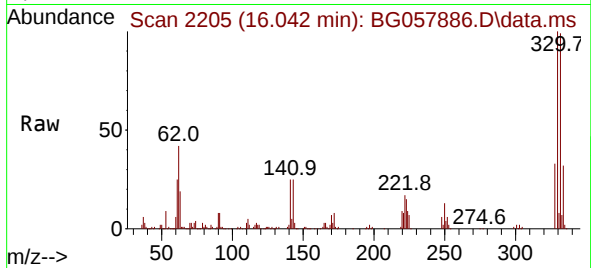




#42
2,4,6-Tribromophenol
Concen: 137.363 ng
RT: 16.042 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

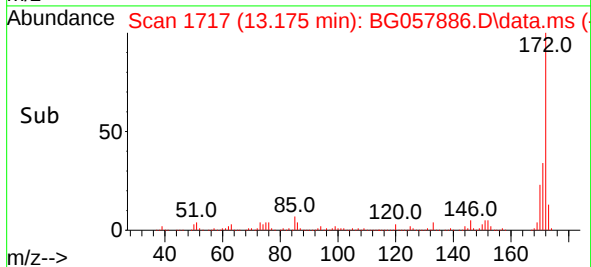
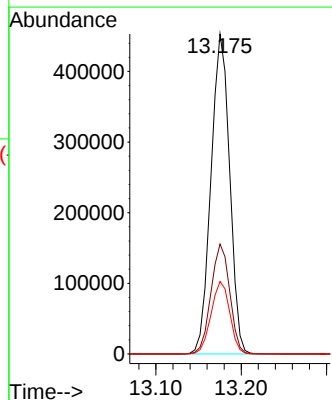
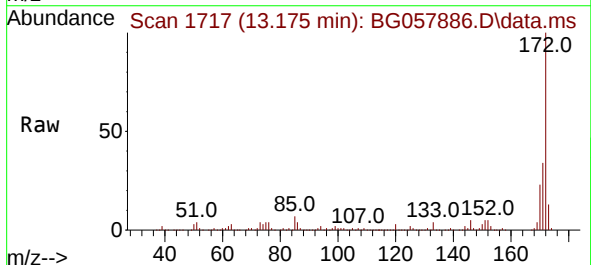
Instrument :
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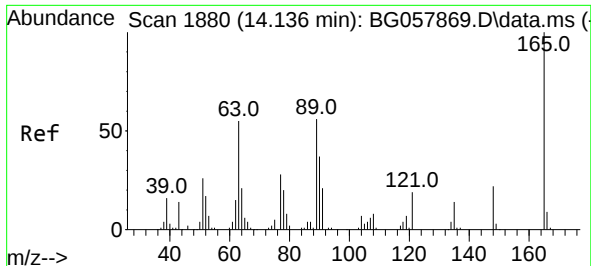
Tgt Ion:330 Resp: 273168
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 27.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 88.774 ng
RT: 13.175 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:172 Resp: 688768
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 22.6 18.6 27.8

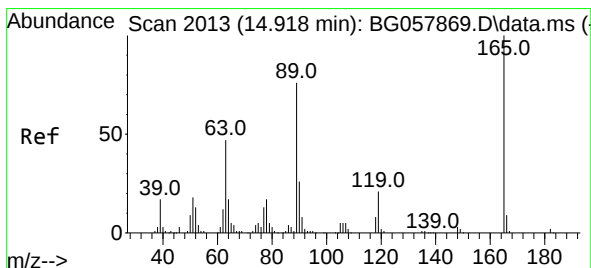
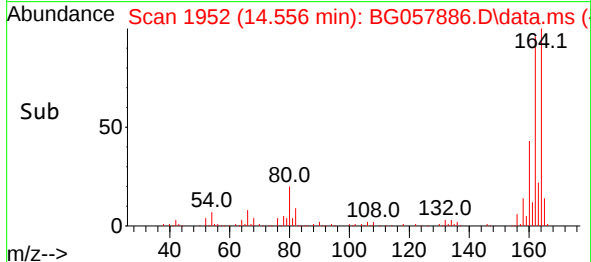
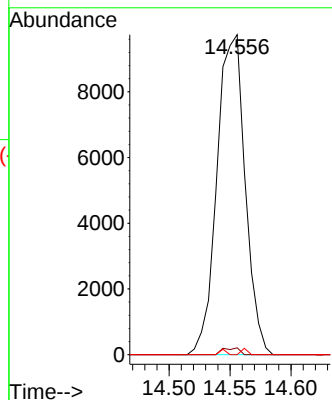
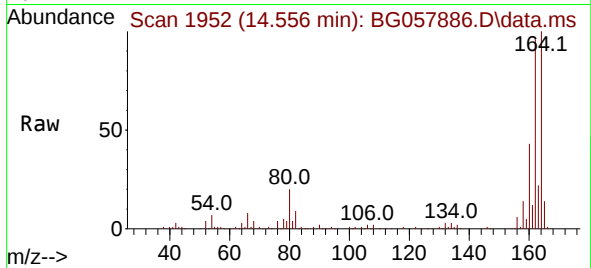




#51
2,6-Dinitrotoluene
Concen: 8.060 ng
RT: 14.556 min Scan# 1952
Delta R.T. 0.420 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

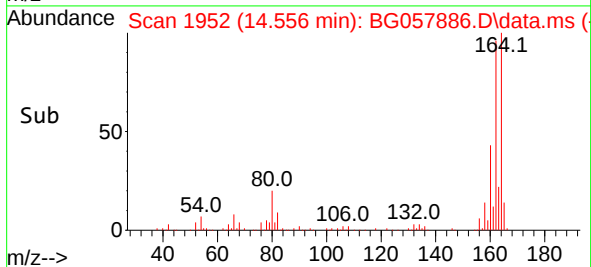
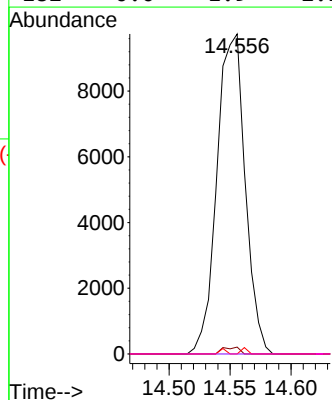
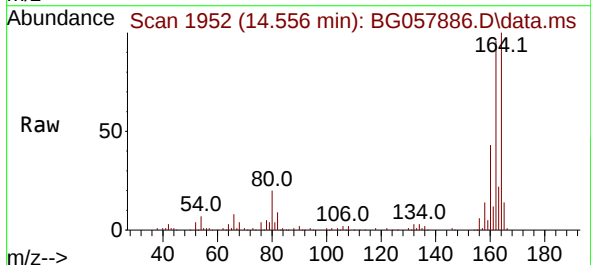
Instrument :
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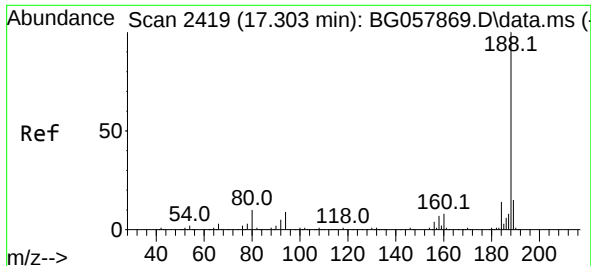
Tgt Ion:165 Resp: 15705
Ion Ratio Lower Upper
165 100
63 2.2 46.4 69.6#
89 0.0 45.0 67.6#



#57
2,4-Dinitrotoluene
Concen: 5.555 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.362 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:165 Resp: 15705
Ion Ratio Lower Upper
165 100
63 2.2 37.6 56.4#
89 0.0 61.0 91.4#
182 0.0 1.9 2.9#

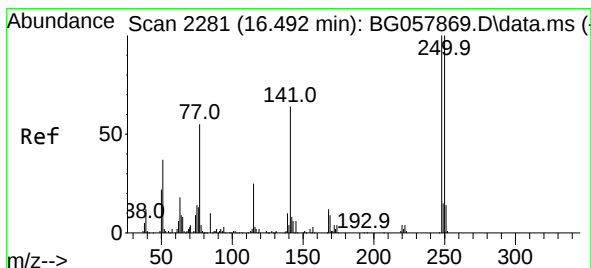
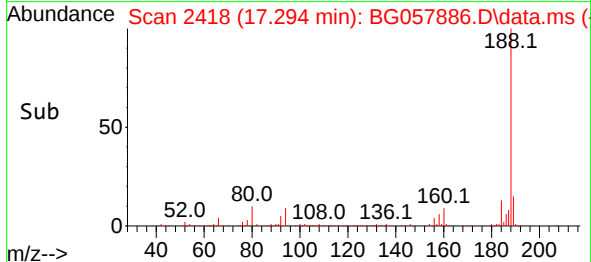
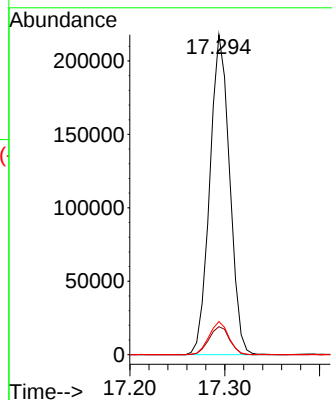
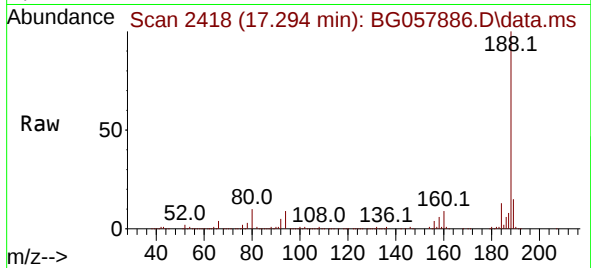




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

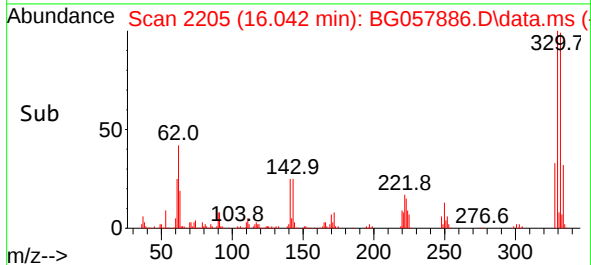
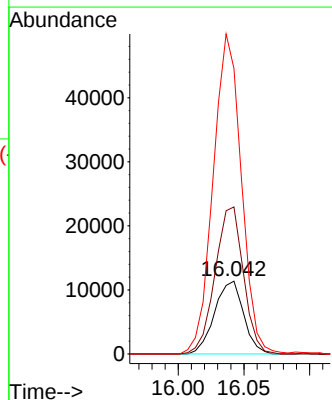
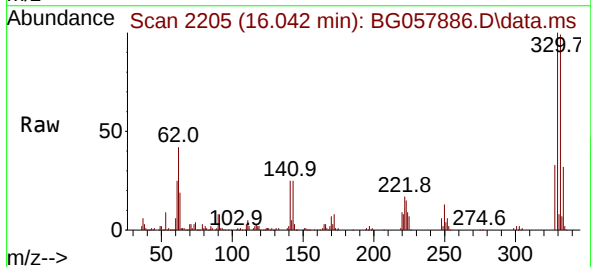
Instrument :
BNA_G
ClientSampleId :
FB02

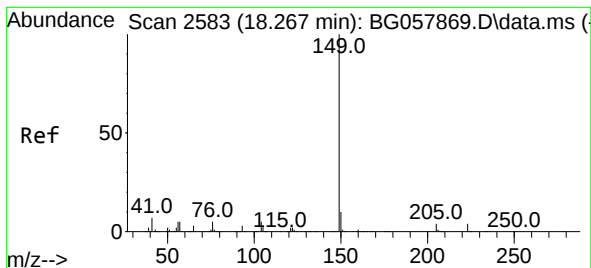
Tgt Ion:188 Resp: 317226
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.4 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 5.216 ng
RT: 16.042 min Scan# 2205
Delta R.T. -0.450 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:248 Resp: 17468
Ion Ratio Lower Upper
248 100
250 202.0 79.7 119.5#
141 392.0 50.8 76.2#





#74

Di-n-butylphthalate

Concen: 138.585 ng

RT: 18.551 min Scan# 2

Delta R.T. 0.285 min

Lab File: BG057886.D

Acq: 28 Jun 2023 10:25

Instrument :

BNA_G

ClientSampleId :

FB02

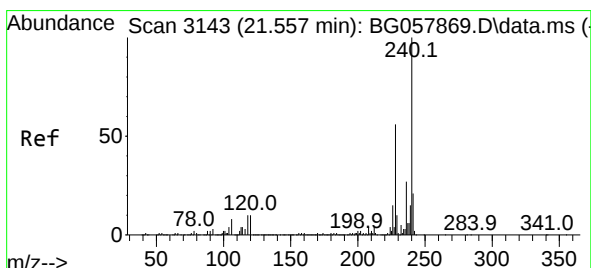
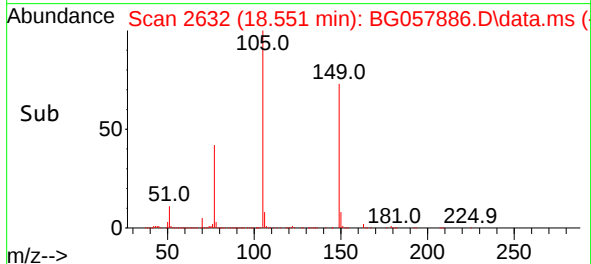
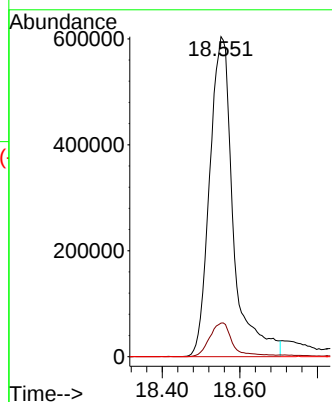
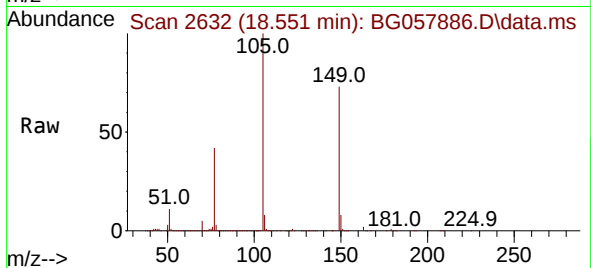
Tgt Ion:149 Resp: 2557811

Ion Ratio Lower Upper

149 100

150 10.5 7.6 11.4

104 0.0 3.9 5.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.548 min Scan# 3142

Delta R.T. -0.009 min

Lab File: BG057886.D

Acq: 28 Jun 2023 10:25

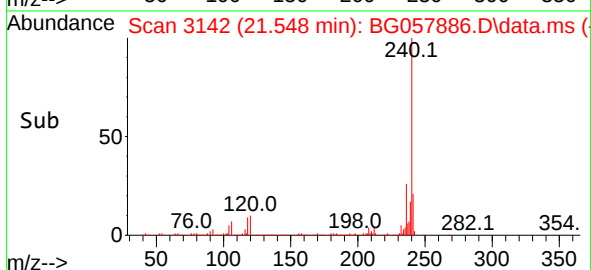
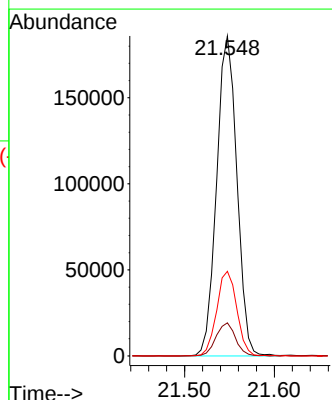
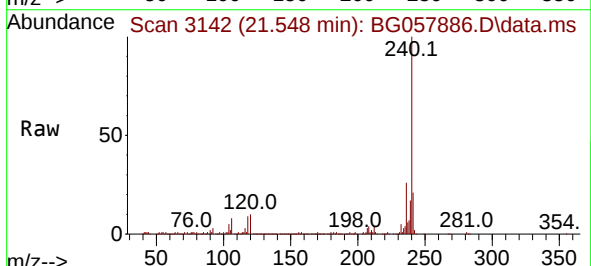
Tgt Ion:240 Resp: 291526

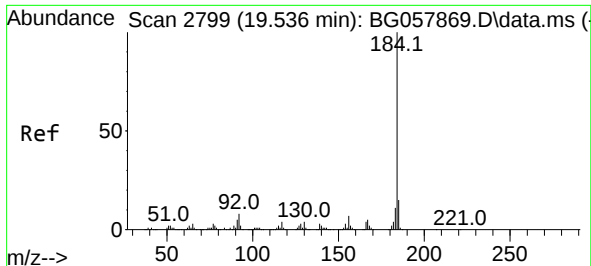
Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

236 26.5 21.9 32.9

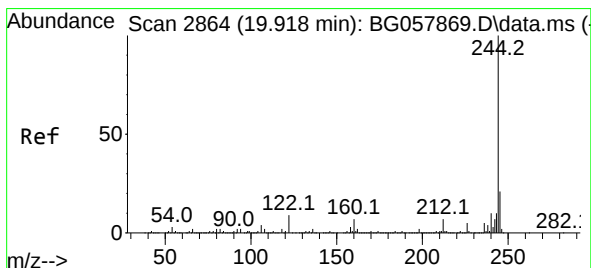
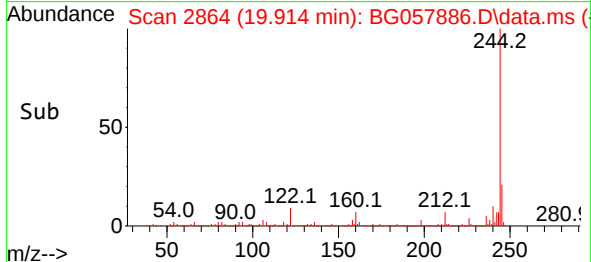
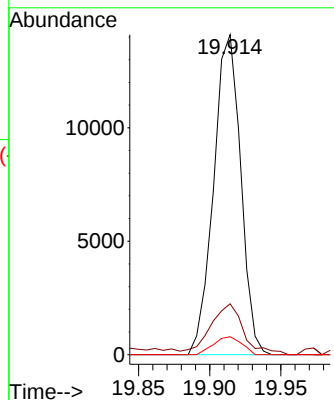
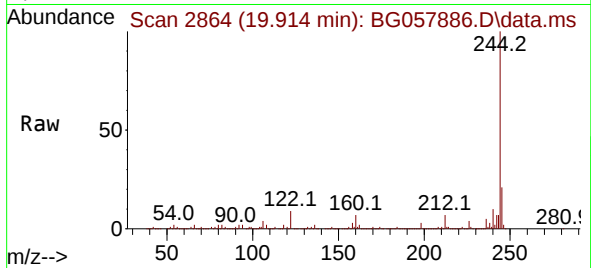




#77
Benzidine
Concen: 2.730 ng
RT: 19.914 min Scan# 21
Delta R.T. 0.378 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

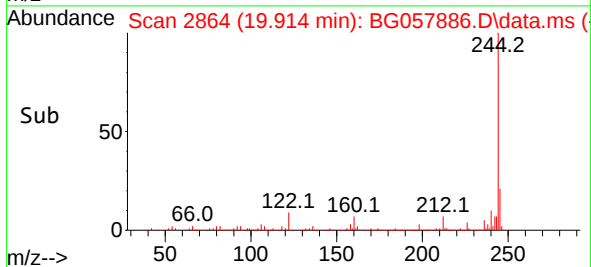
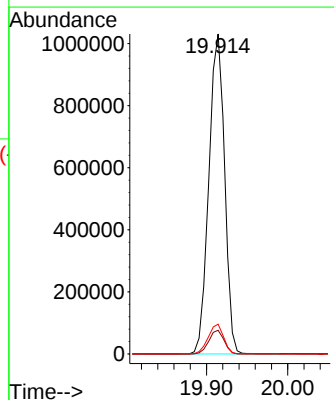
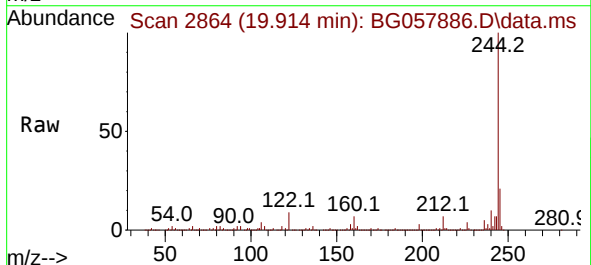
Instrument :
BNA_G
ClientSampleId :
FB02

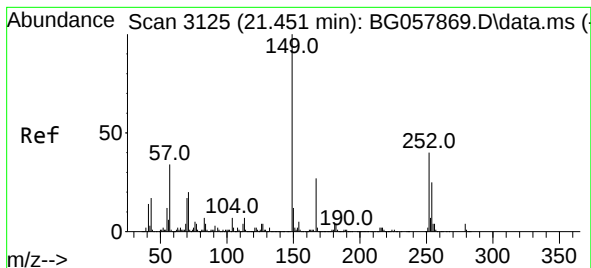
Tgt Ion:184 Resp: 18672
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 5.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 86.633 ng
RT: 19.914 min Scan# 2864
Delta R.T. -0.003 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:244 Resp: 1385323
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.3 7.4 11.0

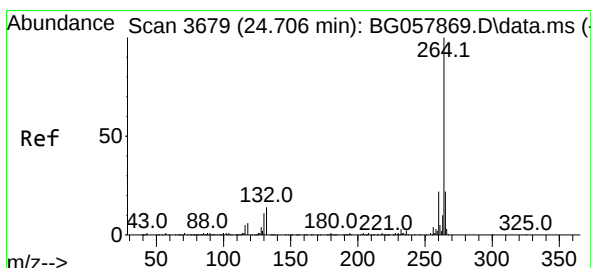
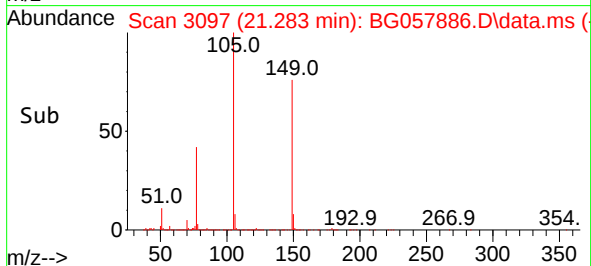
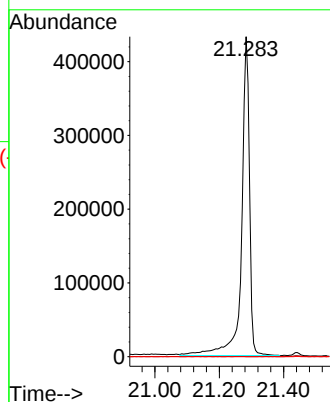
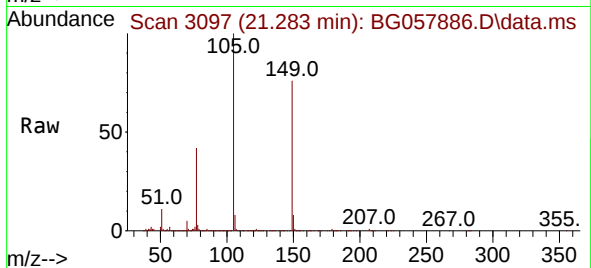




#84
Bis(2-ethylhexyl)phthalate
Concen: 61.603 ng
RT: 21.283 min Scan# 3097
Delta R.T. -0.168 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Instrument :
BNA_G
ClientSampleId :
FB02

Tgt Ion:149 Resp: 738274
Ion Ratio Lower Upper
149 100
167 0.0 21.8 32.8#
279 0.0 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.691 min Scan# 3677
Delta R.T. -0.015 min
Lab File: BG057886.D
Acq: 28 Jun 2023 10:25

Tgt Ion:264 Resp: 361188
Ion Ratio Lower Upper
264 100
260 23.0 17.8 26.8
265 22.0 17.3 25.9

