

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057907.D
 Acq On : 29 Jun 2023 16:44
 Operator : CG/JU
 Sample : 03375-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5(8-10)

Quant Time: Jun 29 18:03:57 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)

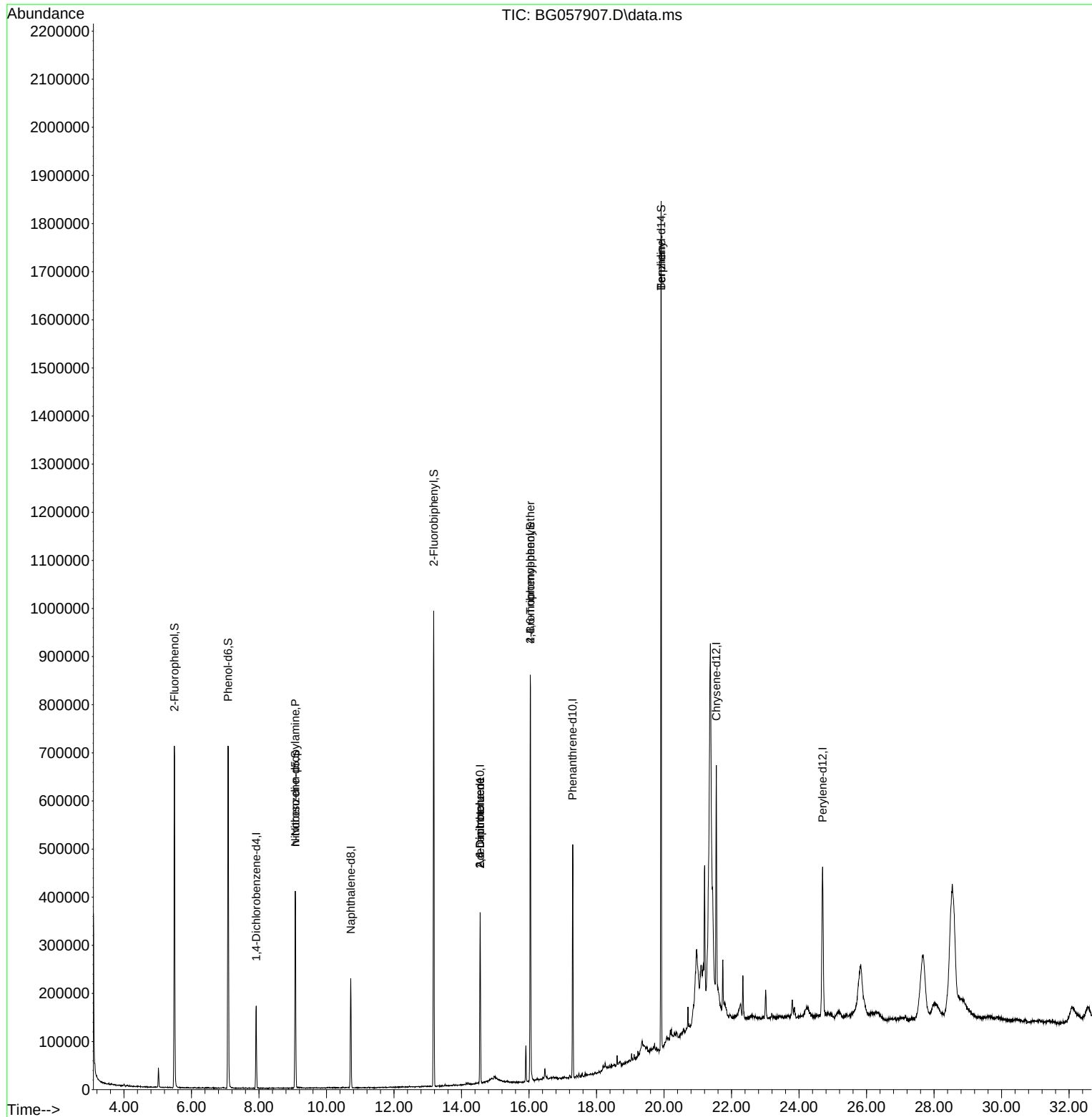
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	48558	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	190263	20.000	ng	0.00
39) Acenaphthene-d10	14.550	164	124367	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	302972	20.000	ng	0.00
76) Chrysene-d12	21.547	240	264138	20.000	ng	0.00
86) Perylene-d12	24.697	264	333108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	323479	101.924	ng	0.00
7) Phenol-d6	7.082	99	451523	95.140	ng	0.00
23) Nitrobenzene-d5	9.074	82	250501	64.524	ng	-0.02
42) 2,4,6-Tribromophenol	16.042	330	190347	91.125	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	529303	64.948	ng	0.00
79) Terphenyl-d14	19.914	244	912452	62.978	ng	0.00
Target Compounds						
9) Benzaldehyde	7.094	77	649	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.074	70	30759	9.686 ng	#	78
51) 2,6-Dinitrotoluene	14.550	165	16488	8.056 ng	#	24
57) 2,4-Dinitrotoluene	14.550	165	16488	5.552 ng	#	21
67) 4-Bromophenyl-phenylether	16.042	248	12002	3.753 ng	#	1
77) Benzidine	19.914	184	12450	2.009 ng		97

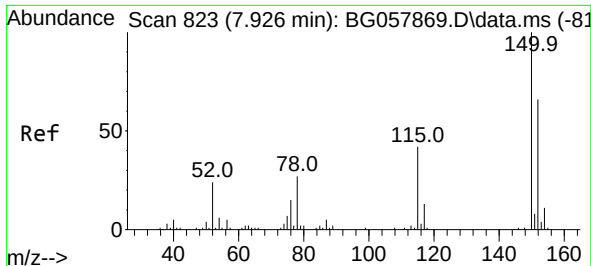
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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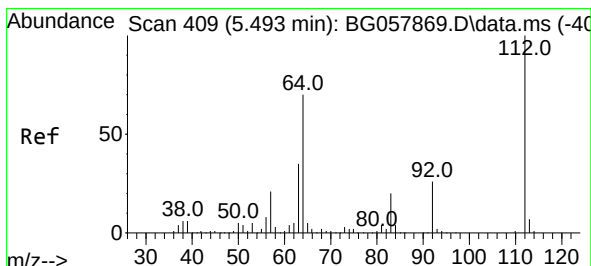
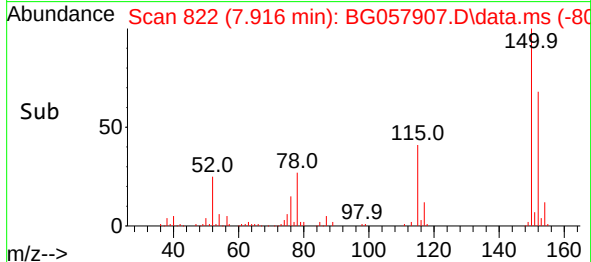
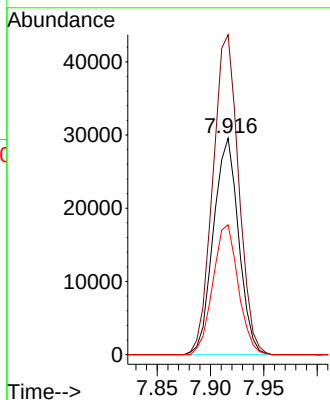
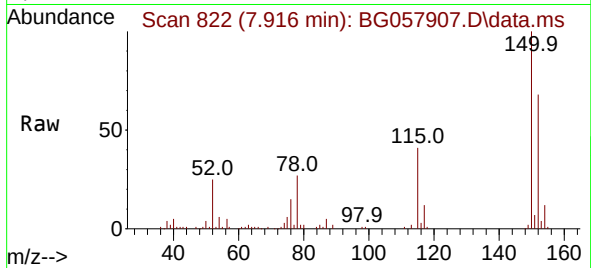




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

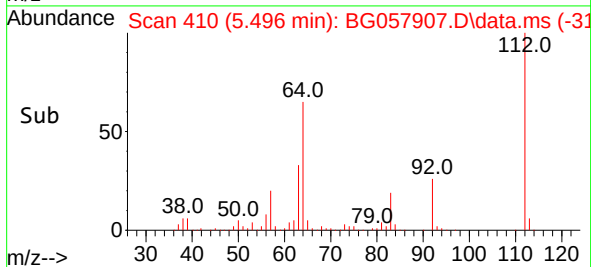
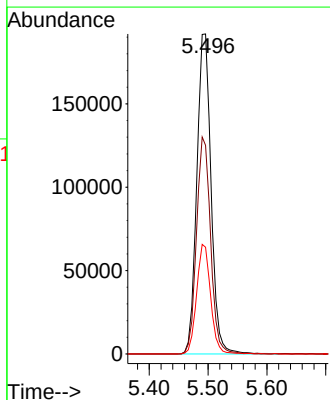
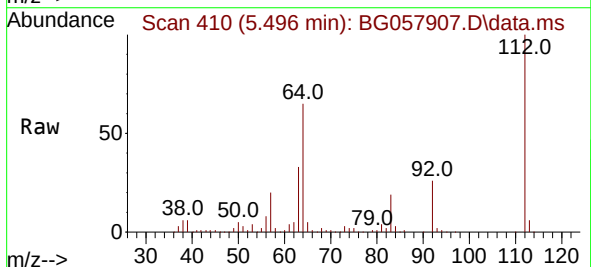
Instrument :
BNA_G
ClientSampleId :
SB-5(8-10)

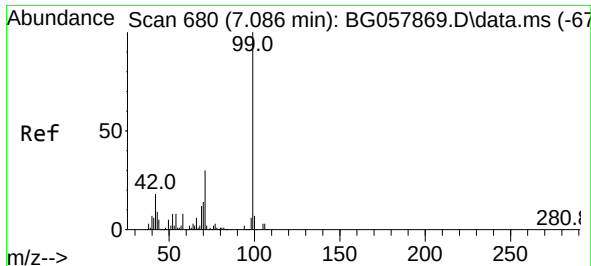
Tgt Ion:152 Resp: 48558
Ion Ratio Lower Upper
152 100
150 147.8 122.0 183.0
115 60.0 50.7 76.1



#5
2-Fluorophenol
Concen: 101.924 ng
RT: 5.496 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion:112 Resp: 323479
Ion Ratio Lower Upper
112 100
64 65.2 55.8 83.6
63 33.3 27.9 41.9

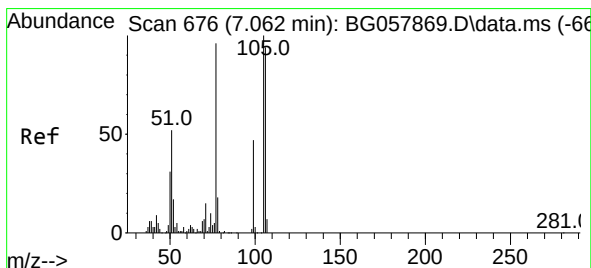
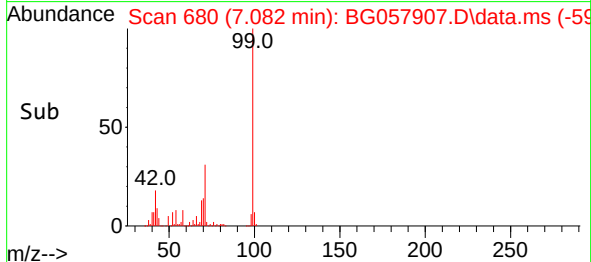
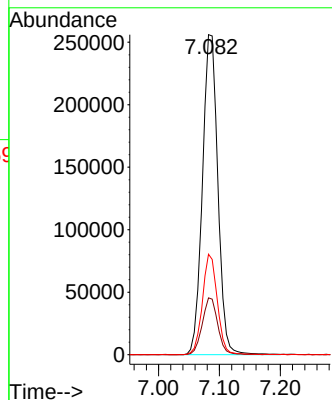
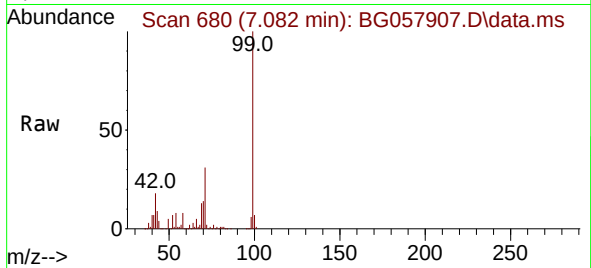




#7
Phenol-d6
Concen: 95.140 ng
RT: 7.082 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

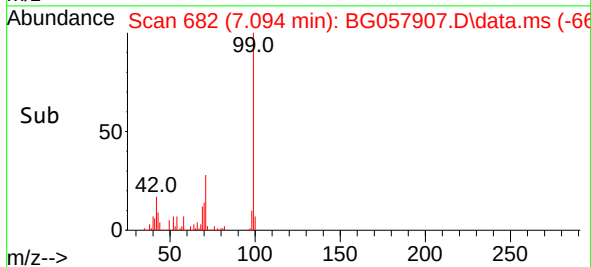
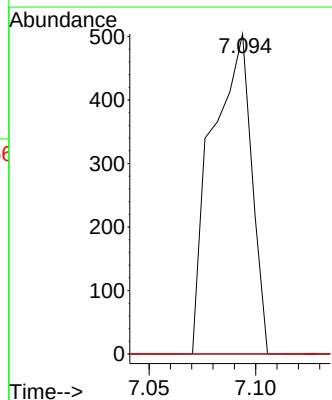
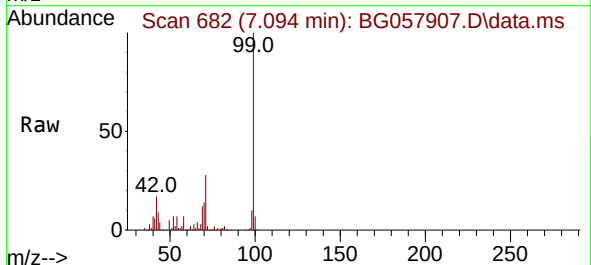
Instrument :
BNA_G
ClientSampleId :
SB-5(8-10)

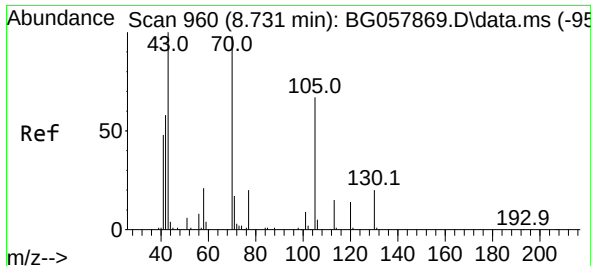
Tgt Ion: 99 Resp: 451523
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 31.4 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.094 min Scan# 682
Delta R.T. 0.032 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion: 77 Resp: 649
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

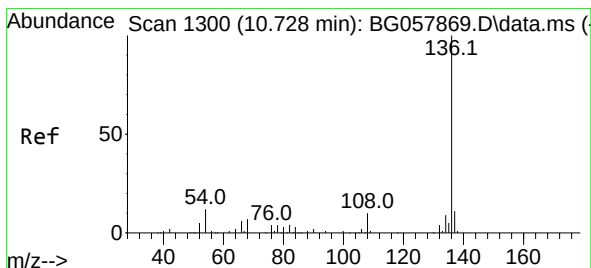
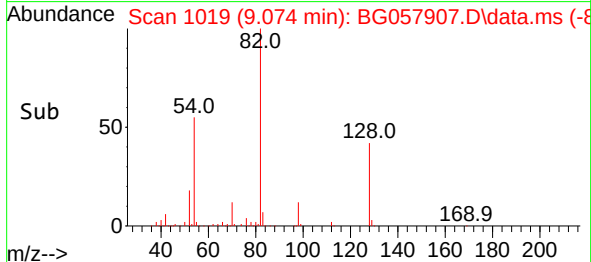
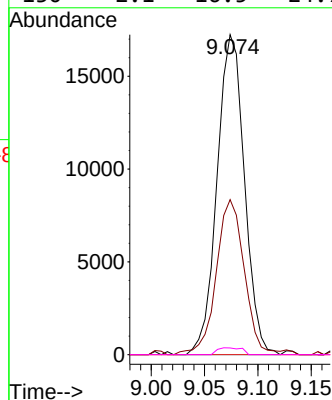
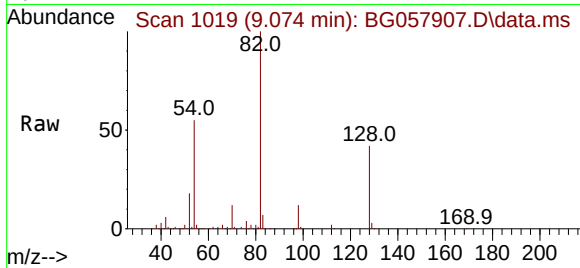




#19
n-Nitroso-di-n-propylamine
Concen: 9.686 ng
RT: 9.074 min Scan# 1019
Delta R.T. 0.343 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

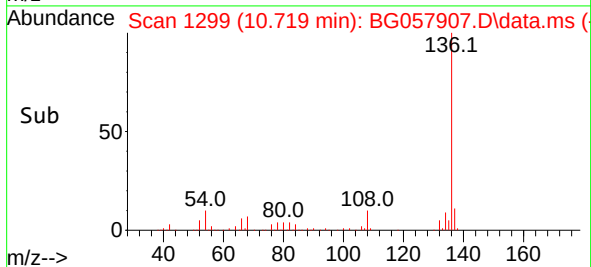
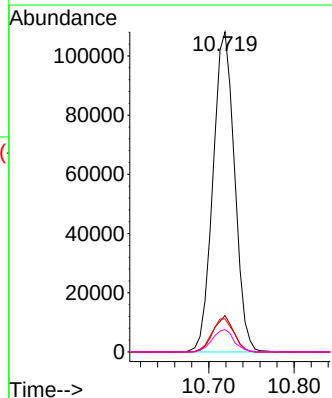
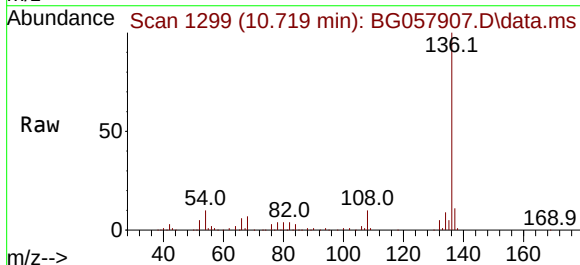
Instrument :
BNA_G
ClientSampleId :
SB-5(8-10)

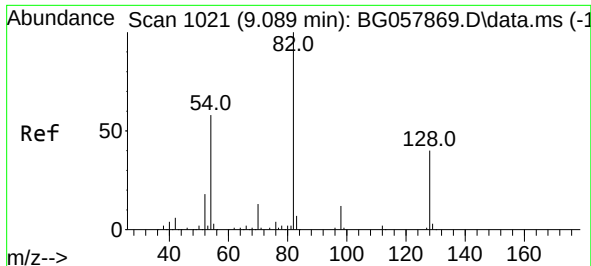
Tgt Ion: 70 Resp: 30759
Ion Ratio Lower Upper
70 100
42 48.4 48.4 72.6
101 0.0 7.2 10.8#
130 2.1 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion:136 Resp: 190263
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.3 9.3 13.9
68 7.0 5.9 8.9

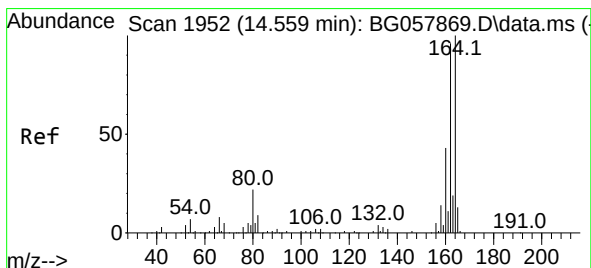
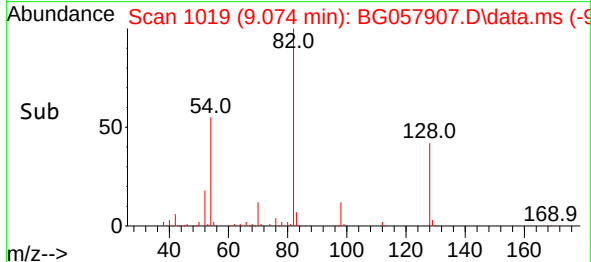
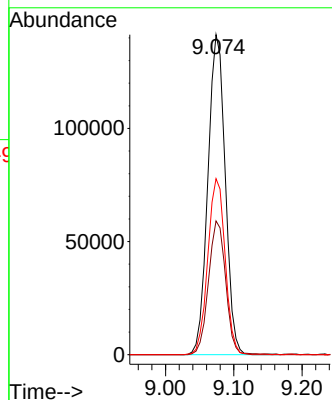
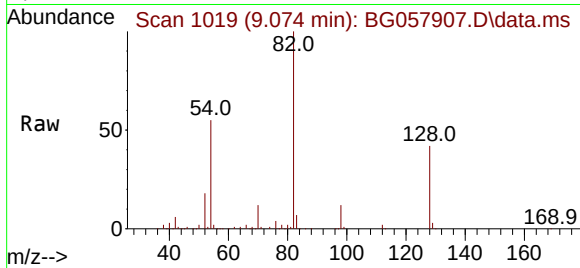




#23
Nitrobenzene-d5
Concen: 64.524 ng
RT: 9.074 min Scan# 1019
Delta R.T. -0.015 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

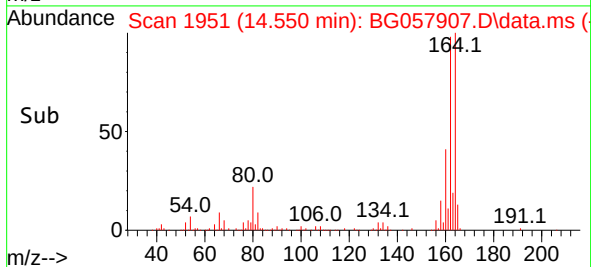
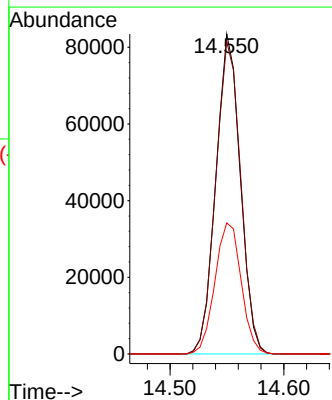
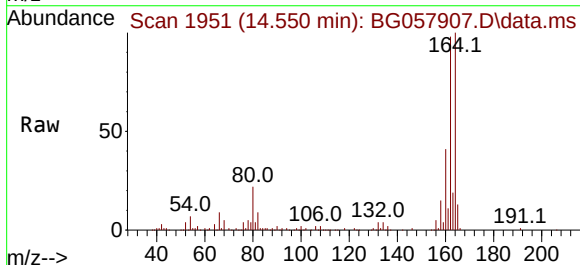
Instrument :
BNA_G
ClientSampleId :
SB-5(8-10)

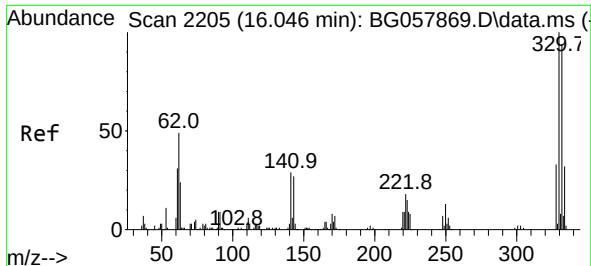
Tgt Ion: 82 Resp: 250501
Ion Ratio Lower Upper
82 100
128 41.8 32.2 48.4
54 55.0 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion:164 Resp: 124367
Ion Ratio Lower Upper
164 100
162 97.7 76.4 114.6
160 40.9 34.2 51.2

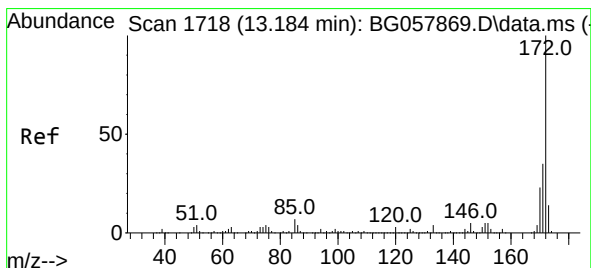
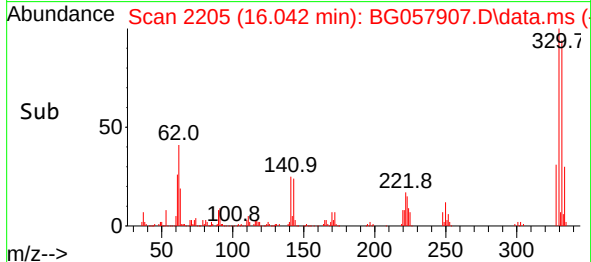
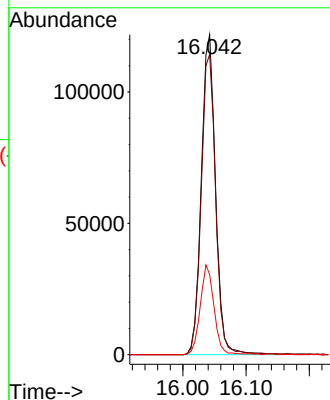
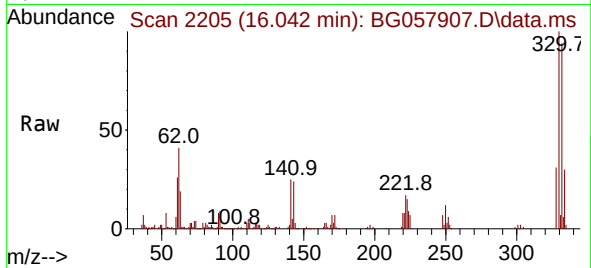




#42
2,4,6-Tribromophenol
Concen: 91.125 ng
RT: 16.042 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

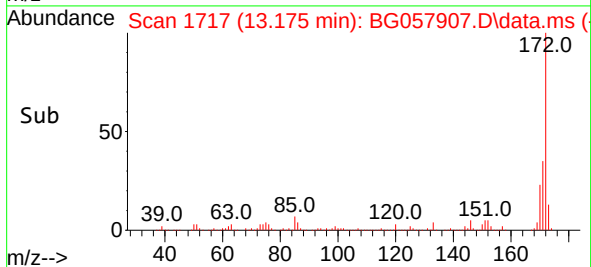
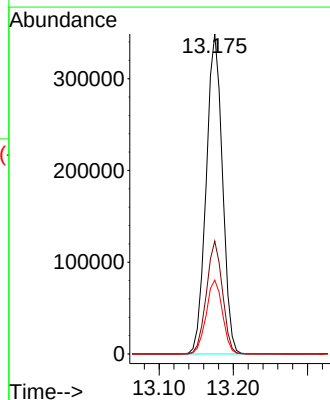
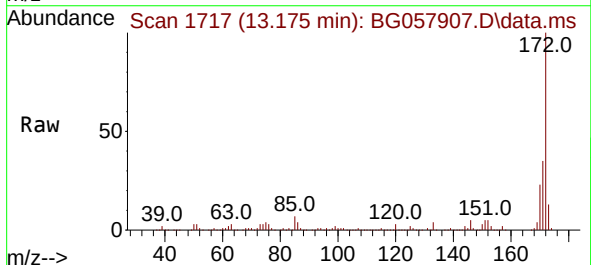
Instrument :
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ClientSampleId :
SB-5(8-10)

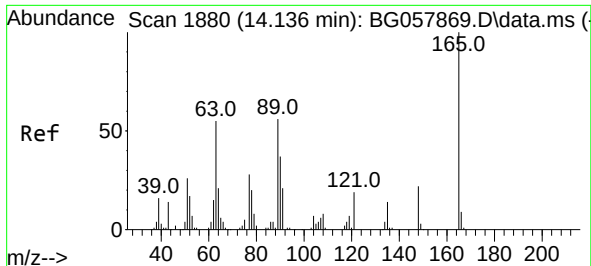
Tgt Ion:330 Resp: 190347
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 27.2 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 64.948 ng
RT: 13.175 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion:172 Resp: 529303
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.1 18.6 27.8

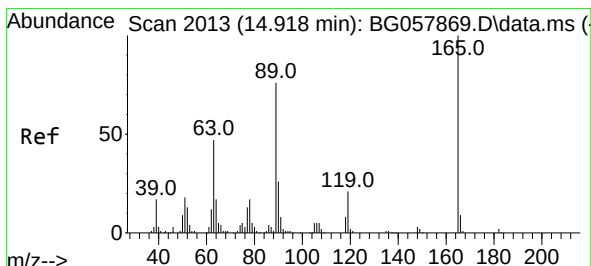
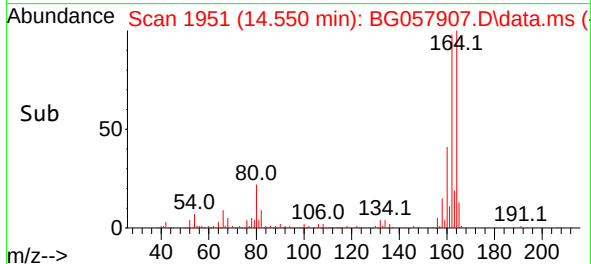
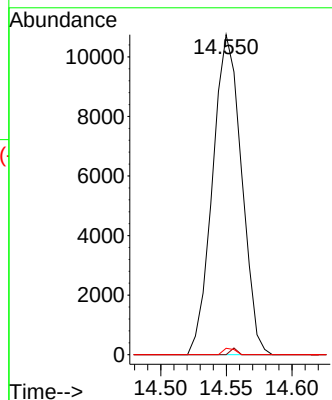
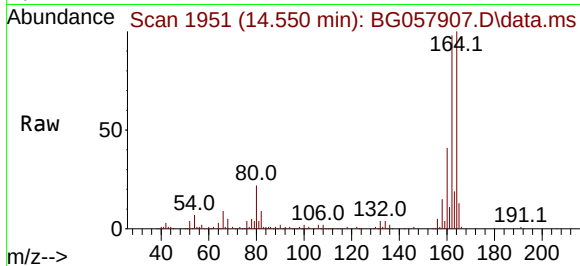




#51
2,6-Dinitrotoluene
Concen: 8.056 ng
RT: 14.550 min Scan# 1951
Delta R.T. 0.414 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

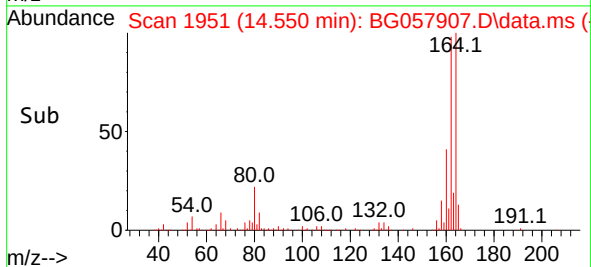
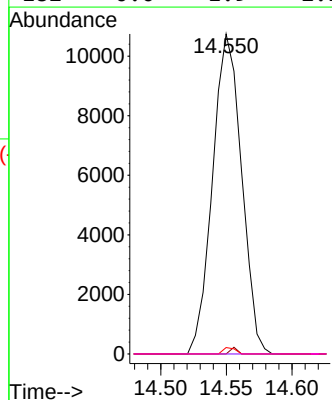
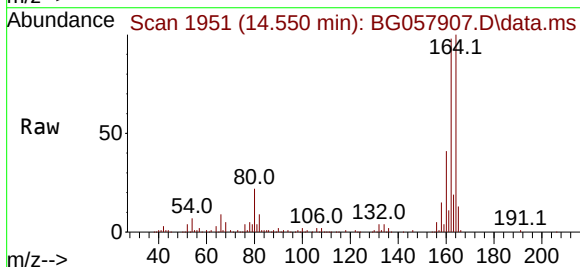
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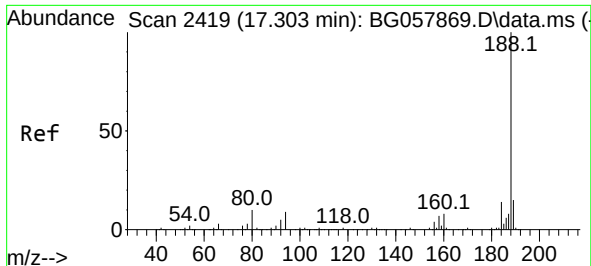
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.4	69.6#
89	2.0	45.0	67.6#



#57
2,4-Dinitrotoluene
Concen: 5.552 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.368 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.6	56.4#
89	2.0	61.0	91.4#
182	0.0	1.9	2.9#

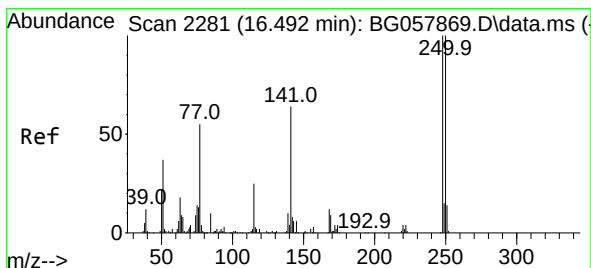
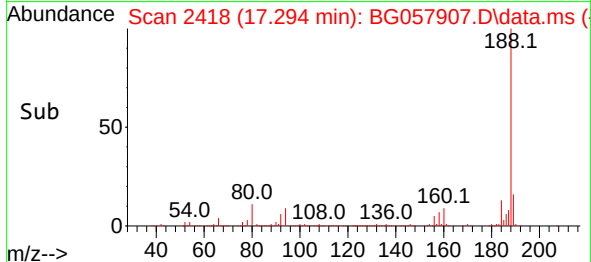
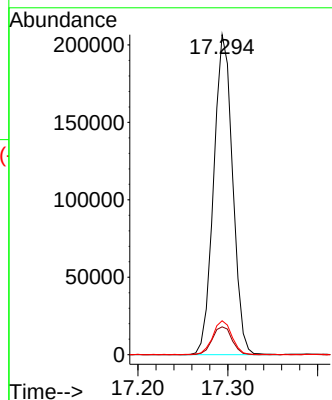
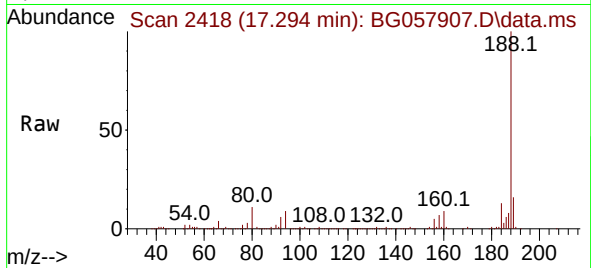




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.294 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

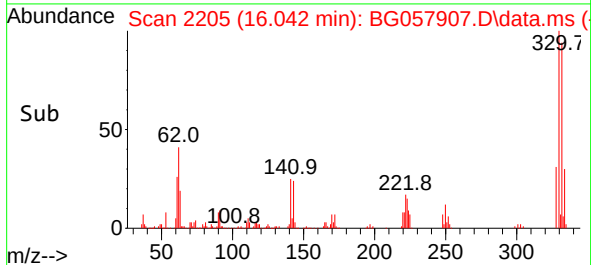
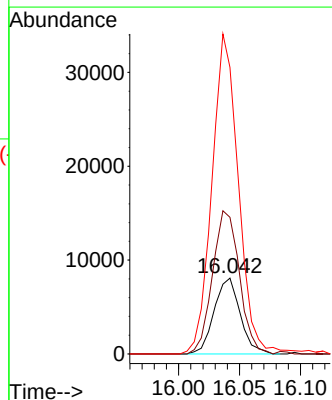
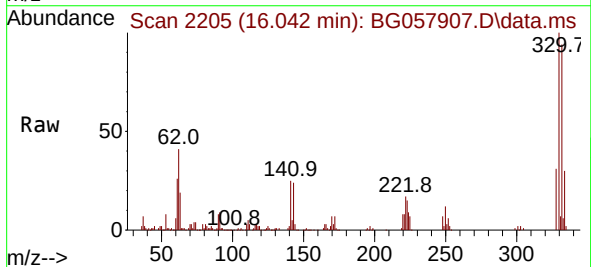
Instrument :
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SB-5(8-10)

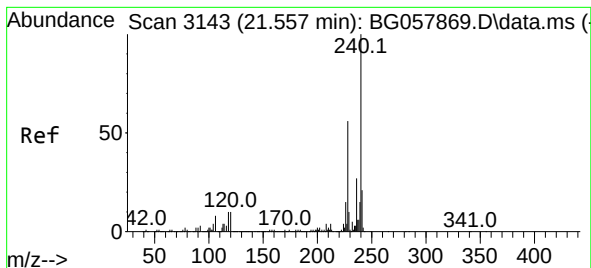
Tgt Ion:188 Resp: 302972
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 10.6 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 3.753 ng
RT: 16.042 min Scan# 2205
Delta R.T. -0.450 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion:248 Resp: 12002
Ion Ratio Lower Upper
248 100
250 180.4 79.7 119.5#
141 378.1 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.547 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057907.D

Acq: 29 Jun 2023 16:44

Instrument :

BNA_G

ClientSampleId :

SB-5(8-10)

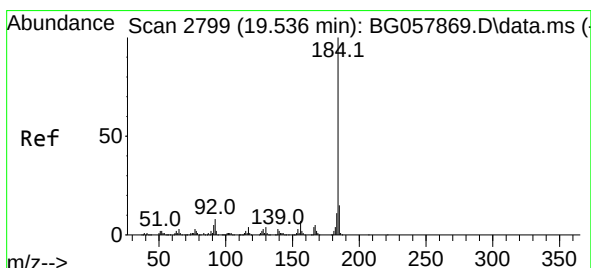
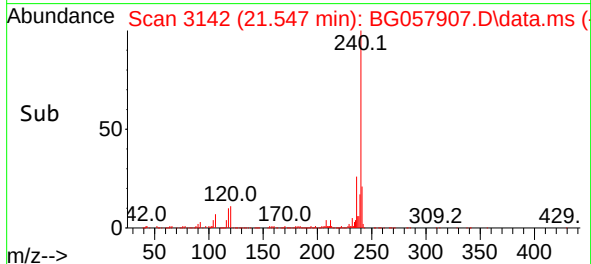
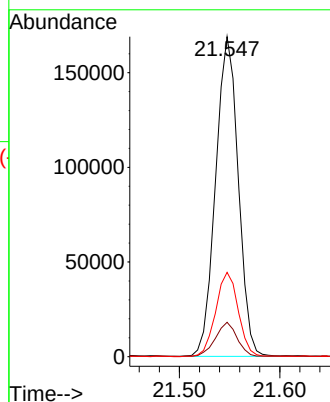
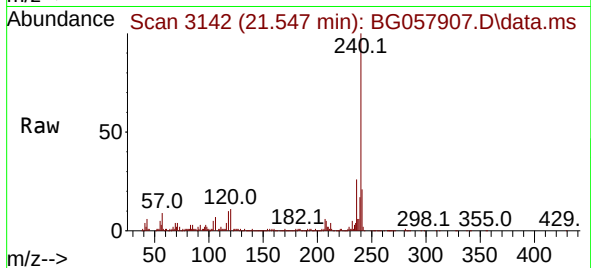
Tgt Ion:240 Resp: 264138

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

236 26.4 21.9 32.9



#77

Benzidine

Concen: 2.009 ng

RT: 19.914 min Scan# 2864

Delta R.T. 0.378 min

Lab File: BG057907.D

Acq: 29 Jun 2023 16:44

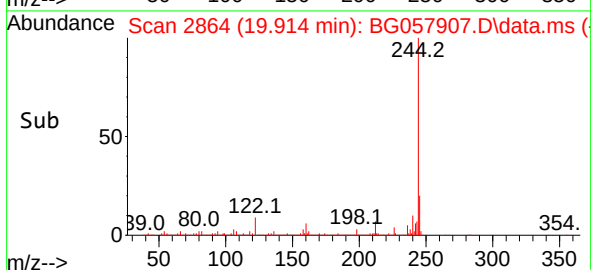
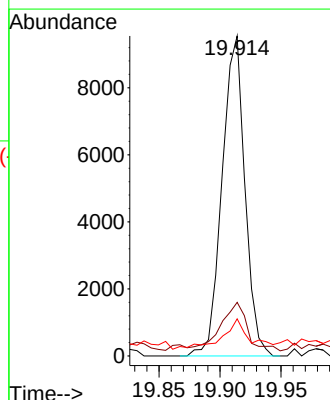
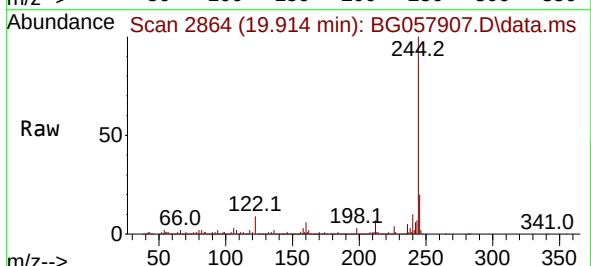
Tgt Ion:184 Resp: 12450

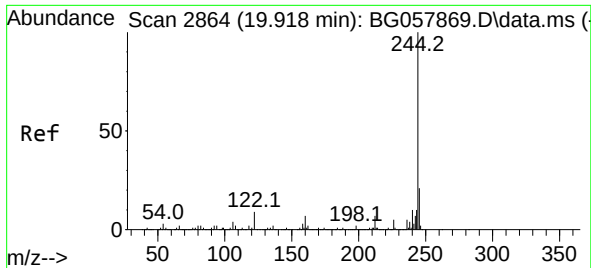
Ion Ratio Lower Upper

184 100

185 16.8 11.7 17.5

183 11.6 9.0 13.4

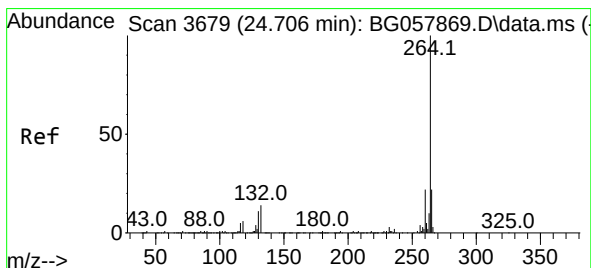
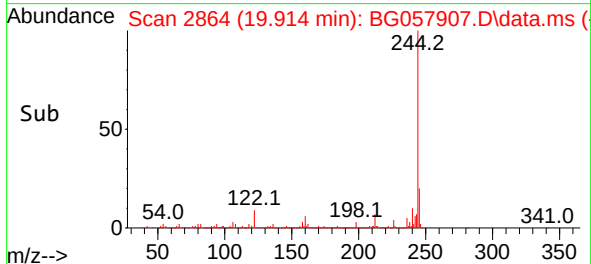
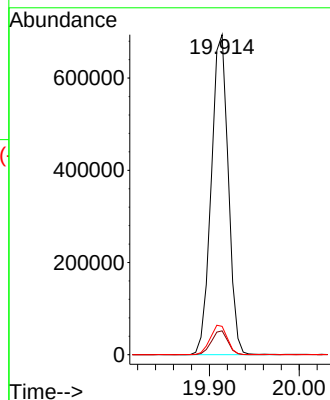
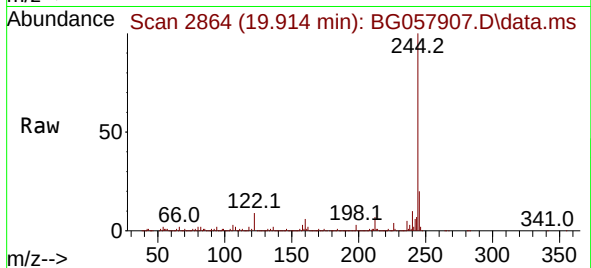




#79
Terphenyl-d14
Concen: 62.978 ng
RT: 19.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Instrument :
BNA_G
ClientSampleId :
SB-5(8-10)

Tgt Ion:244 Resp: 912452
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 8.8 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3678
Delta R.T. -0.009 min
Lab File: BG057907.D
Acq: 29 Jun 2023 16:44

Tgt Ion:264 Resp: 333108
Ion Ratio Lower Upper
264 100
260 23.1 17.8 26.8
265 21.4 17.3 25.9

