

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057902.D
 Acq On : 29 Jun 2023 13:15
 Operator : CG/JU
 Sample : PB153840BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153840BL

Quant Time: Jun 29 14:03:31 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)

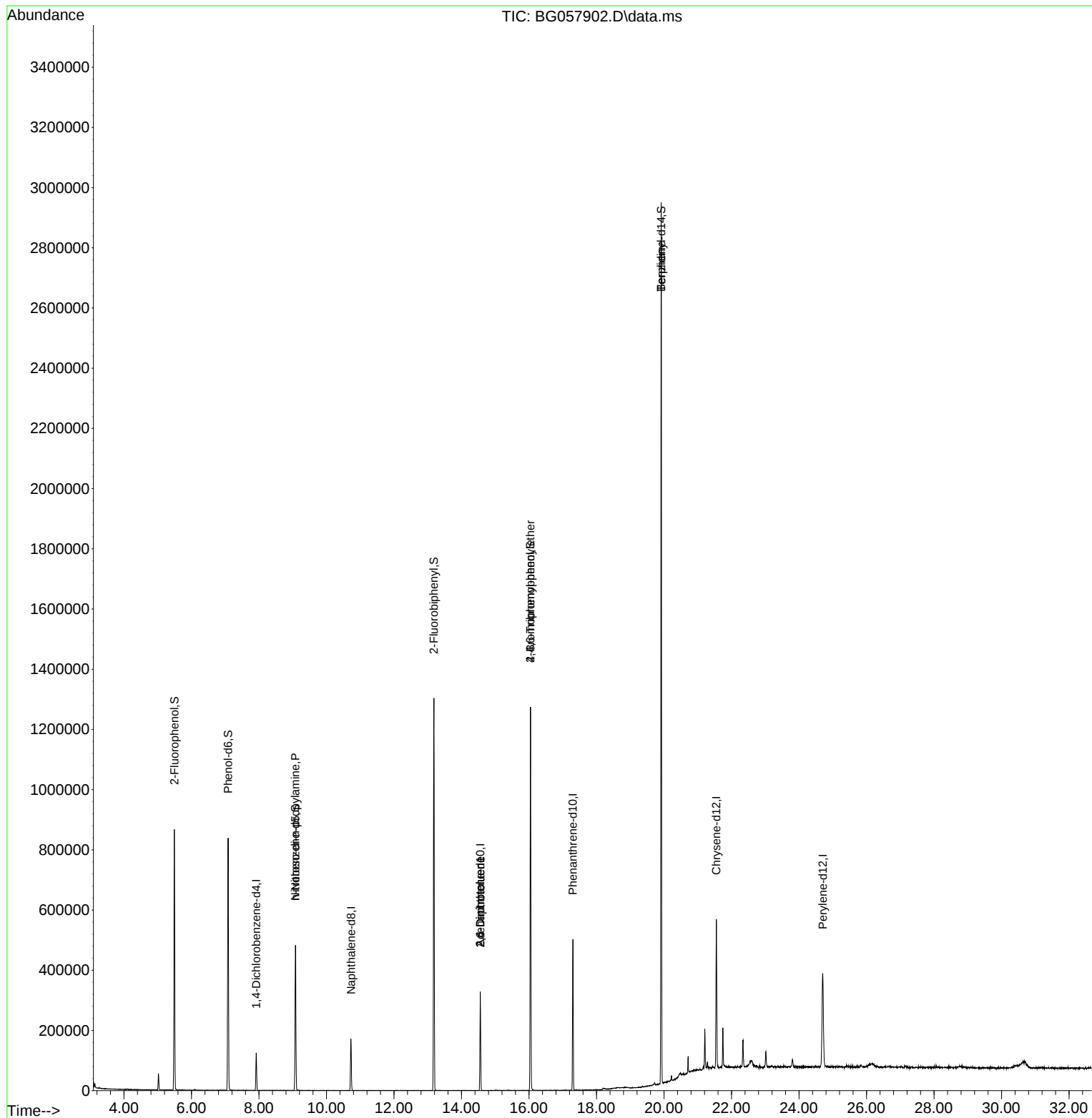
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	34105	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	149623	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	111884	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	305817	20.000	ng	0.00
76) Chrysene-d12	21.549	240	285684	20.000	ng	0.00
86) Perylene-d12	24.704	264	343025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	364093	163.337	ng	0.00
7) Phenol-d6	7.083	99	512198	153.662	ng	0.00
23) Nitrobenzene-d5	9.081	82	294569	96.484	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	270539	143.965	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	705056	96.166	ng	0.00
79) Terphenyl-d14	19.915	244	1499687	95.702	ng	0.00
Target Compounds						
9) Benzaldehyde	7.083	77	731	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	9.081	70	35849	16.073	ng	# 78
51) 2,6-Dinitrotoluene	14.557	165	14174	7.698	ng	# 22
57) 2,4-Dinitrotoluene	14.557	165	14174	5.305	ng	# 20
67) 4-Bromophenyl-phenylether	16.043	248	17660	5.471	ng	# 1
77) Benzidine	19.915	184	20247	3.021	ng	# 95

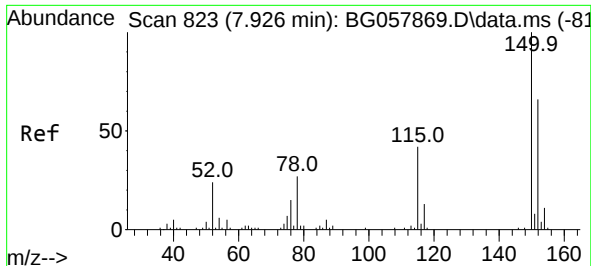
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
Data File : BG057902.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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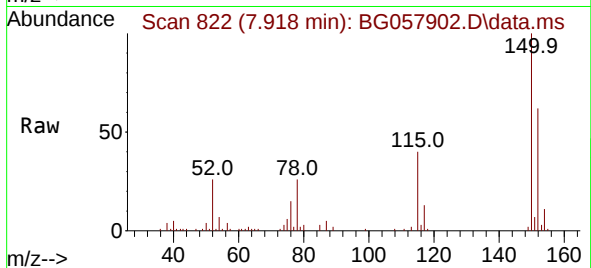
Quant Time: Jun 29 14:03:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 01:12:33 2023
Response via : Initial Calibration



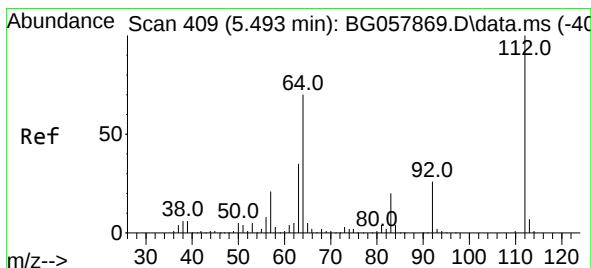
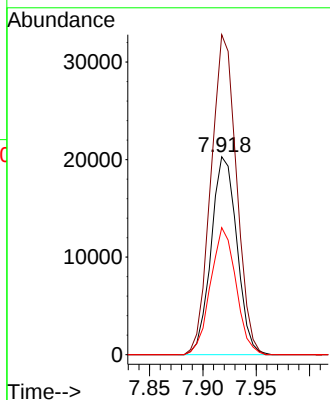
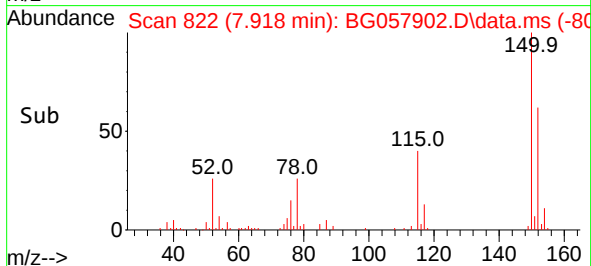


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

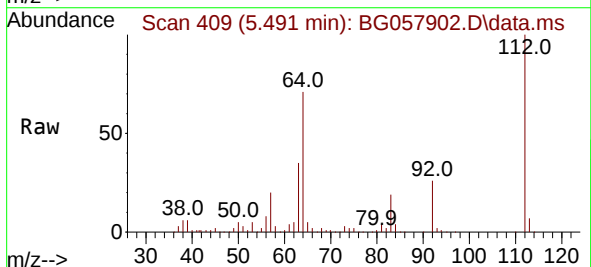
Instrument :
BNA_G
ClientSampleId :
PB153840BL



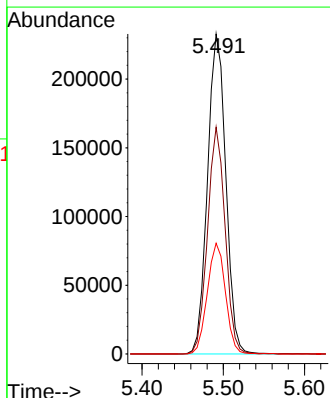
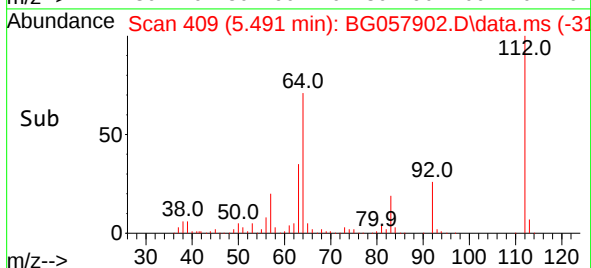
Tgt Ion:152 Resp: 34105
Ion Ratio Lower Upper
152 100
150 161.7 122.0 183.0
115 64.2 50.7 76.1

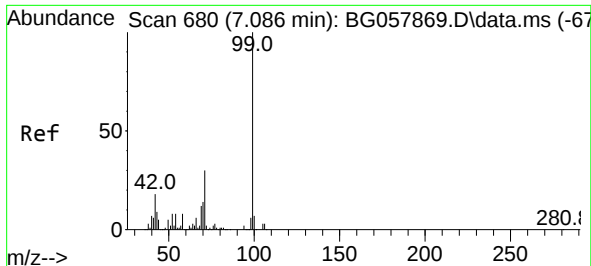


#5
2-Fluorophenol
Concen: 163.337 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15



Tgt Ion:112 Resp: 364093
Ion Ratio Lower Upper
112 100
64 70.8 55.8 83.6
63 34.6 27.9 41.9

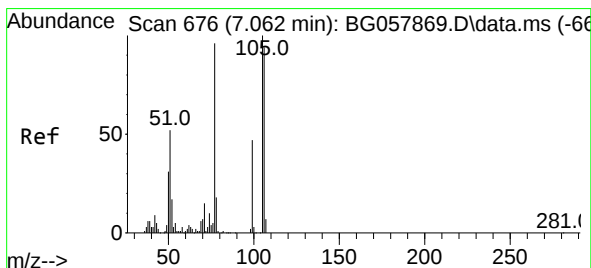
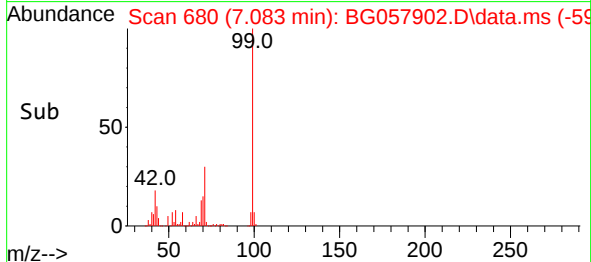
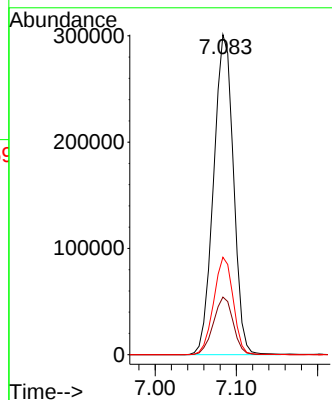
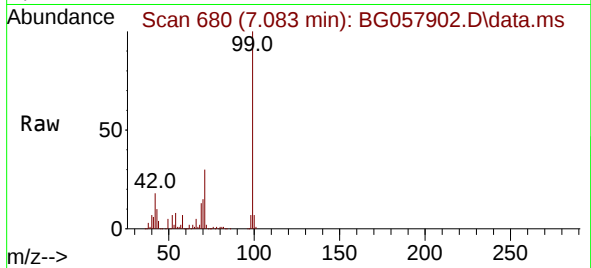




#7
Phenol-d6
Concen: 153.662 ng
RT: 7.083 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

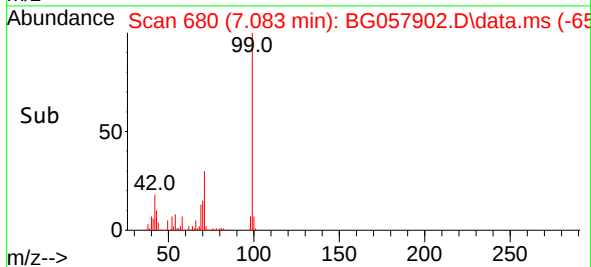
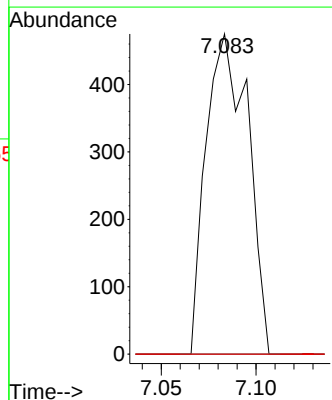
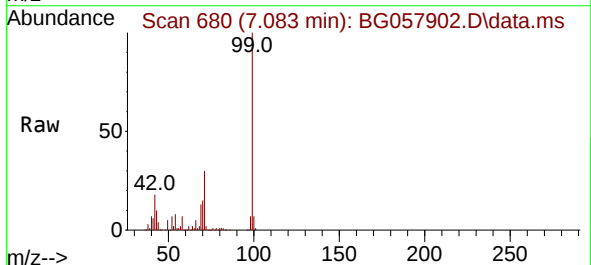
Instrument :
BNA_G
ClientSampleId :
PB153840BL

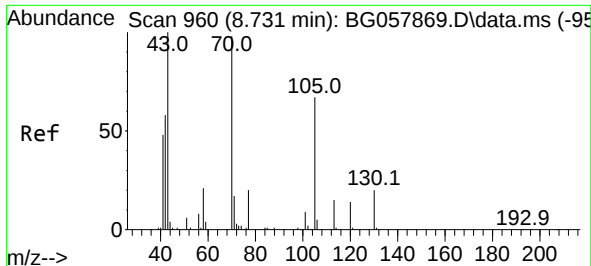
Tgt Ion: 99 Resp: 512198
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 30.4 23.9 35.9



#9
Benzaldehyde
Concen: Below Cal
RT: 7.083 min Scan# 680
Delta R.T. 0.021 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

Tgt Ion: 77 Resp: 731
Ion Ratio Lower Upper
77 100
105 0.0 83.7 123.7#
106 0.0 77.4 117.4#

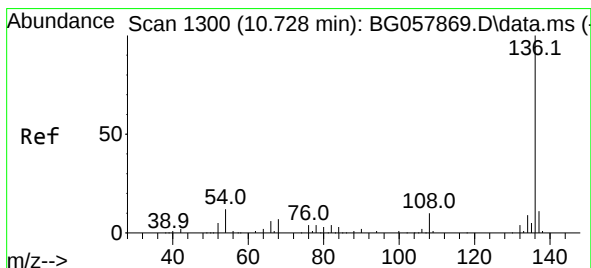
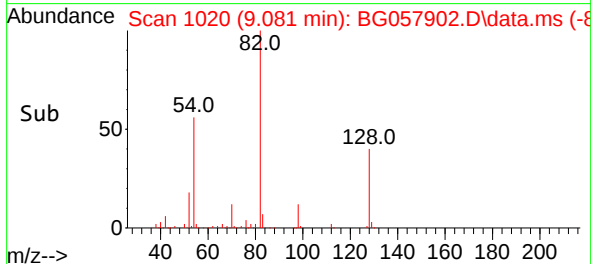
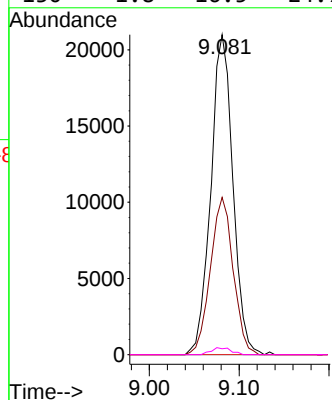
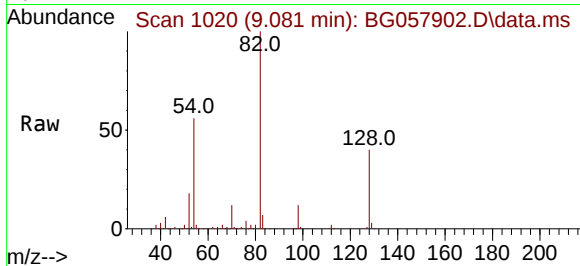




#19
n-Nitroso-di-n-propylamine
Concen: 16.073 ng
RT: 9.081 min Scan# 101
Delta R.T. 0.350 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

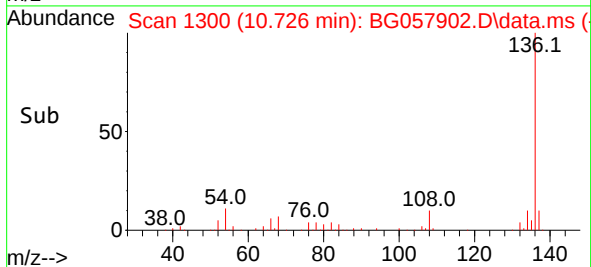
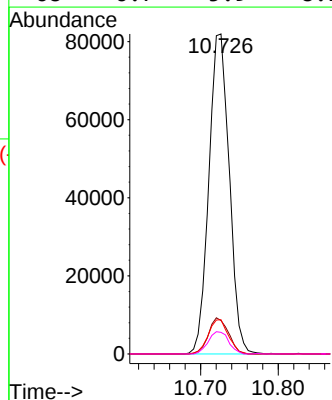
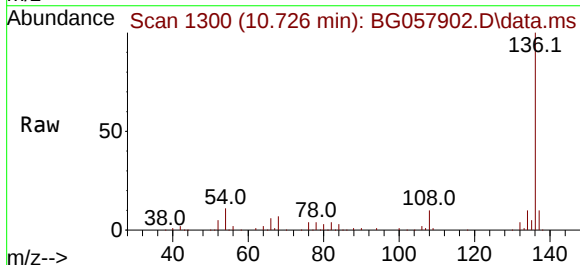
Instrument :
BNA_G
ClientSampleId :
PB153840BL

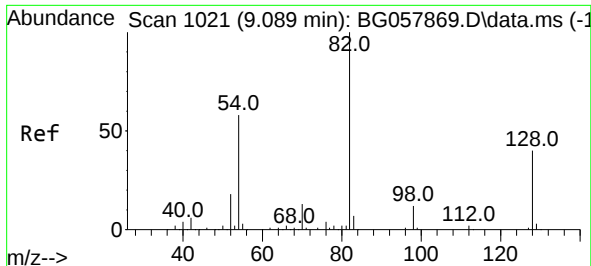
Tgt Ion: 70 Resp: 35849
Ion Ratio Lower Upper
70 100
42 49.2 48.4 72.6
101 0.0 7.2 10.8#
130 1.8 16.5 24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

Tgt Ion: 136 Resp: 149623
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 10.7 9.3 13.9
68 6.7 5.9 8.9

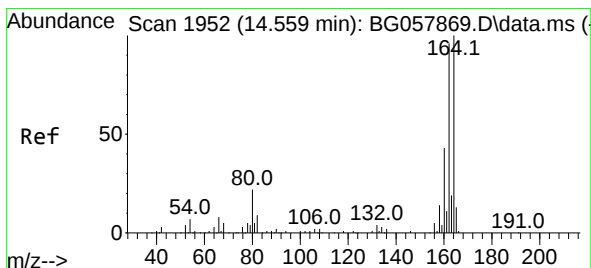
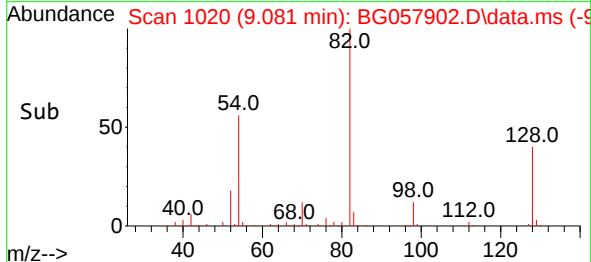
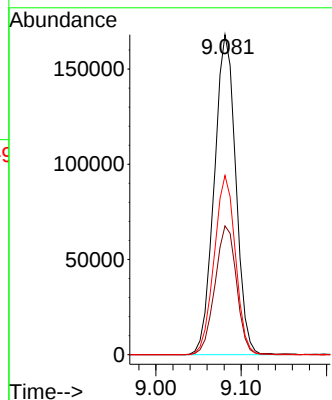
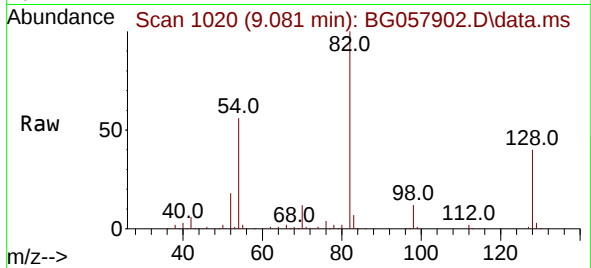




#23
Nitrobenzene-d5
Concen: 96.484 ng
RT: 9.081 min Scan# 1021
Delta R.T. -0.008 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

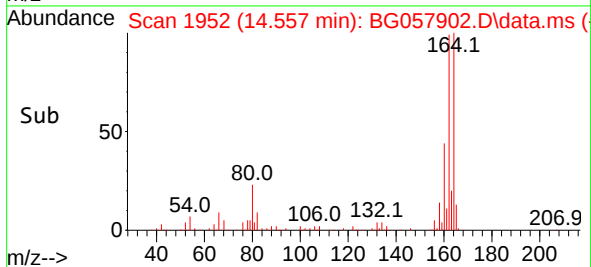
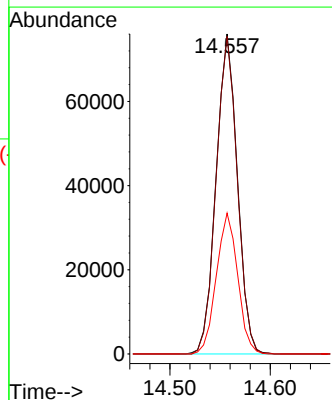
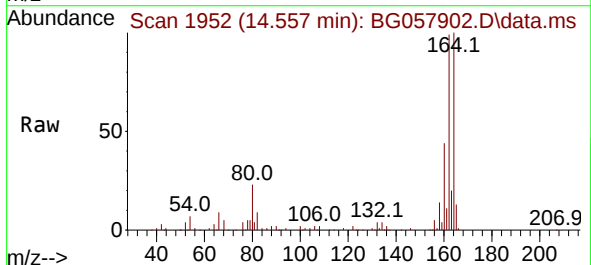
Instrument :
BNA_G
ClientSampleId :
PB153840BL

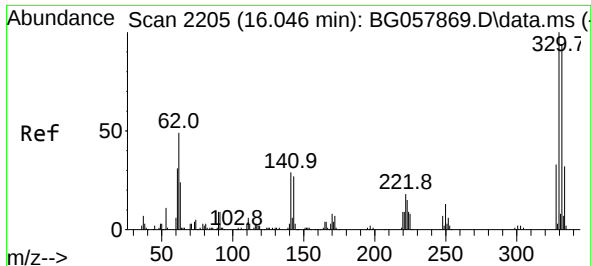
Tgt Ion: 82 Resp: 294569
Ion Ratio Lower Upper
82 100
128 40.2 32.2 48.4
54 56.0 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

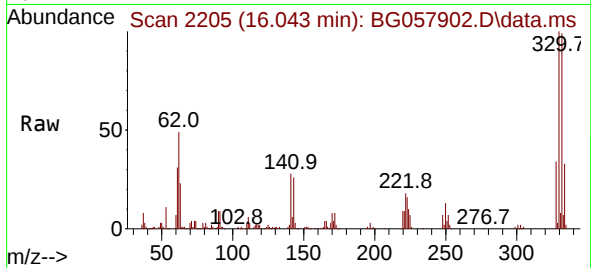
Tgt Ion:164 Resp: 111884
Ion Ratio Lower Upper
164 100
162 99.3 76.4 114.6
160 44.0 34.2 51.2



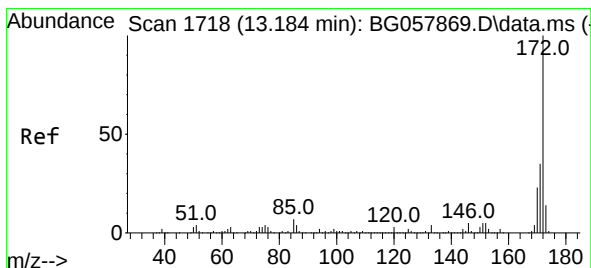
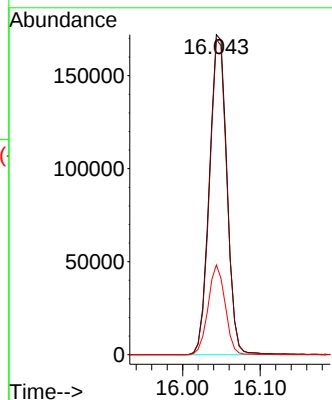
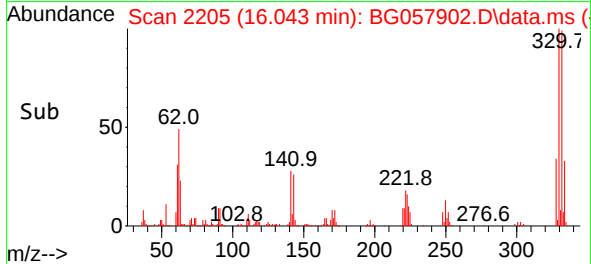


#42
2,4,6-Tribromophenol
Concen: 143.965 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

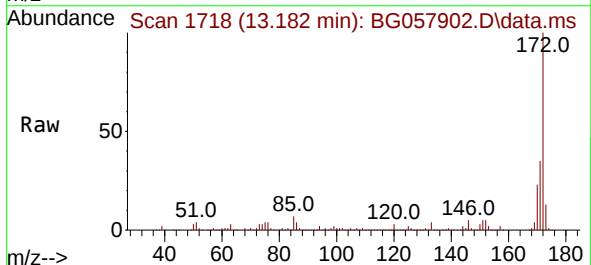
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BNA_G
ClientSampleId :
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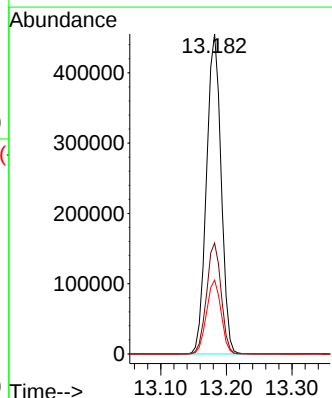
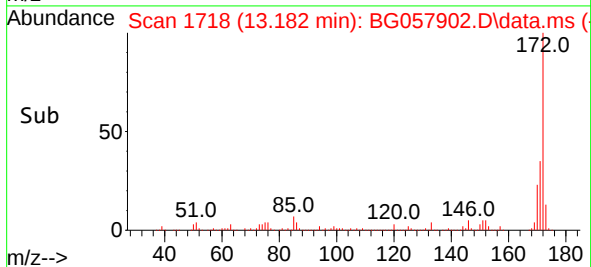
Tgt Ion:330 Resp: 270539
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 27.1 22.2 33.4

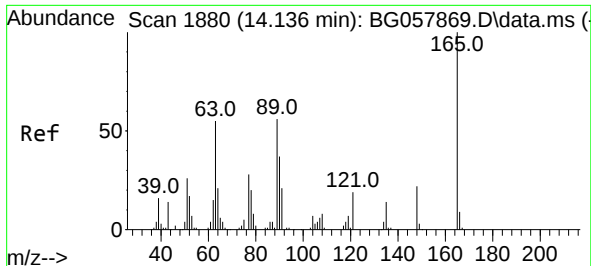


#45
2-Fluorobiphenyl
Concen: 96.166 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15



Tgt Ion:172 Resp: 705056
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.1 18.6 27.8

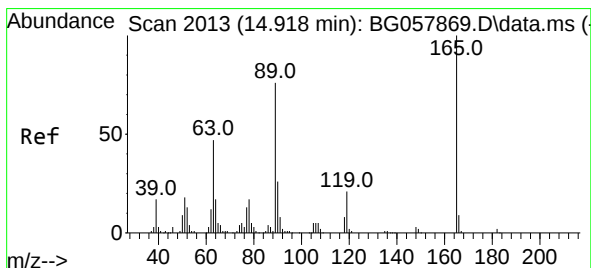
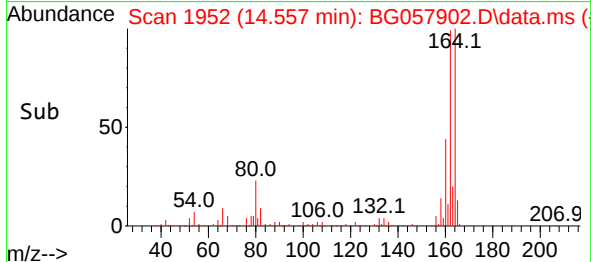
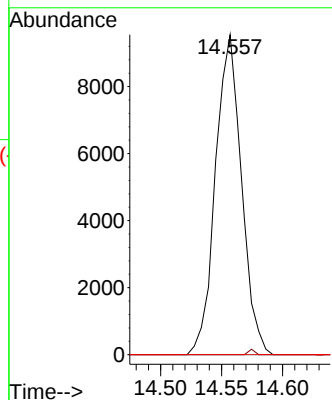
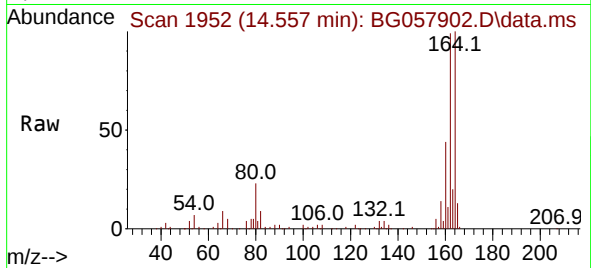




#51
2,6-Dinitrotoluene
Concen: 7.698 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.421 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

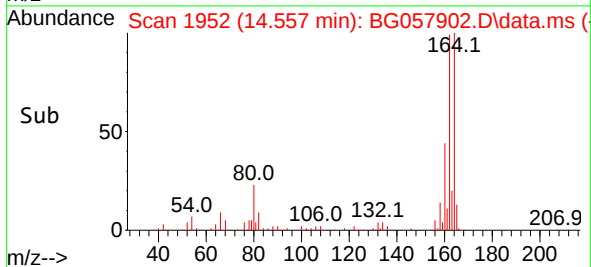
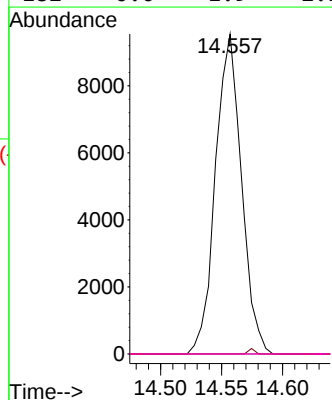
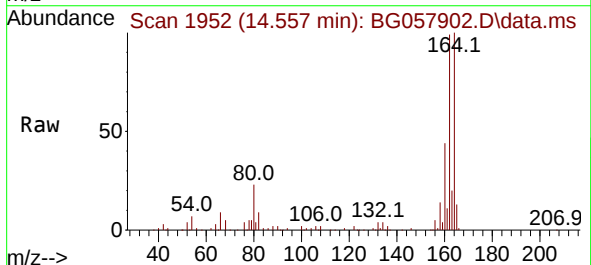
Instrument :
BNA_G
ClientSampleId :
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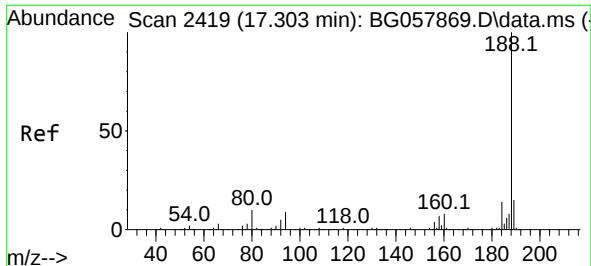
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.4	69.6#
89	0.0	45.0	67.6#



#57
2,4-Dinitrotoluene
Concen: 5.305 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.361 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

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

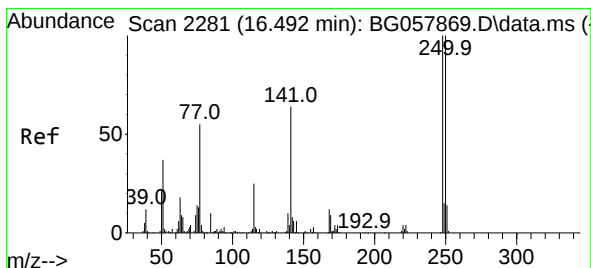
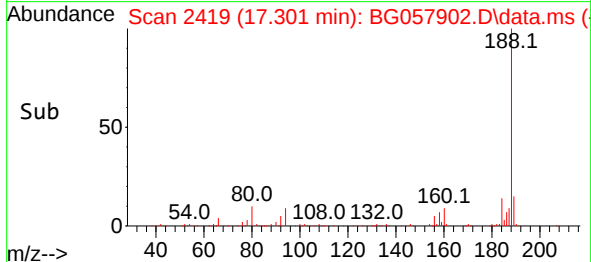
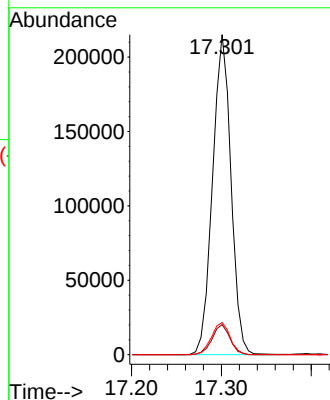
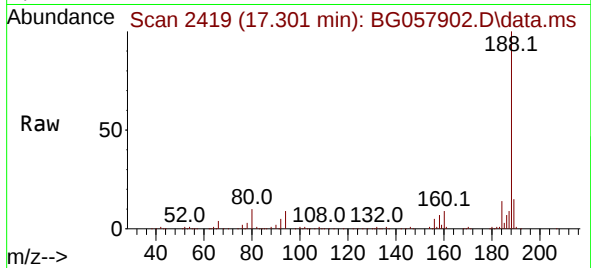




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

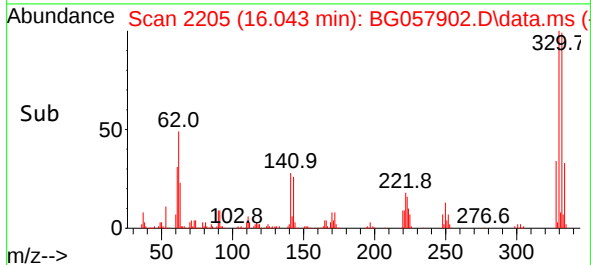
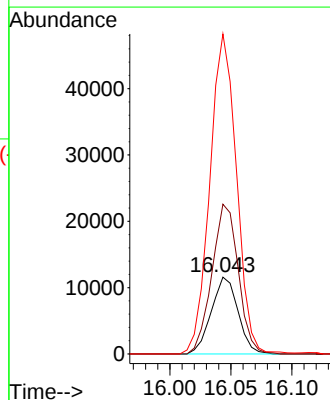
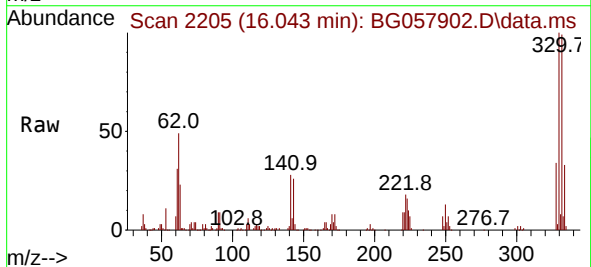
Instrument :
BNA_G
ClientSampleId :
PB153840BL

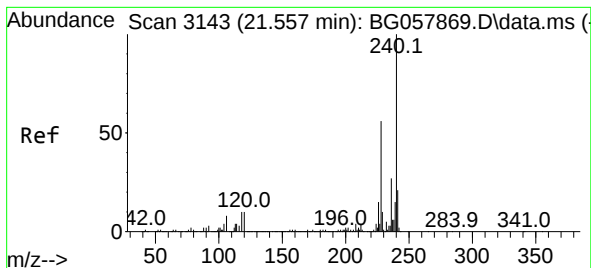
Tgt Ion:188 Resp: 305817
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.1 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 5.471 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.449 min
Lab File: BG057902.D
Acq: 29 Jun 2023 13:15

Tgt Ion:248 Resp: 17660
Ion Ratio Lower Upper
248 100
250 195.2 79.7 119.5#
141 416.8 50.8 76.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.549 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG057902.D

Acq: 29 Jun 2023 13:15

Instrument :

BNA_G

ClientSampleId :

PB153840BL

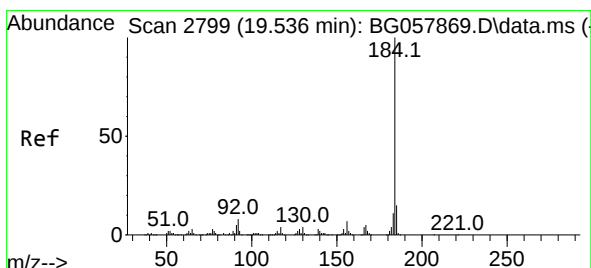
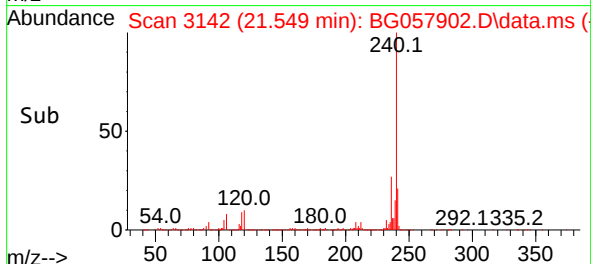
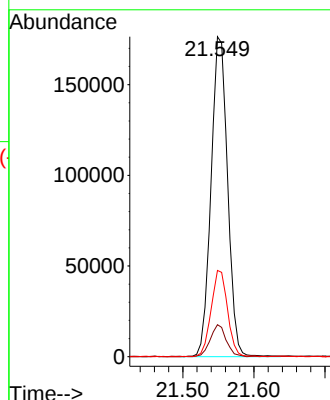
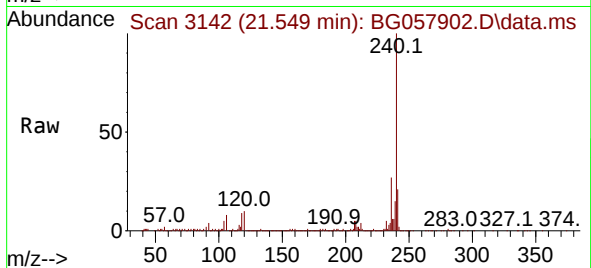
Tgt Ion:240 Resp: 285684

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

236 27.0 21.9 32.9



#77

Benzidine

Concen: 3.021 ng

RT: 19.915 min Scan# 2864

Delta R.T. 0.379 min

Lab File: BG057902.D

Acq: 29 Jun 2023 13:15

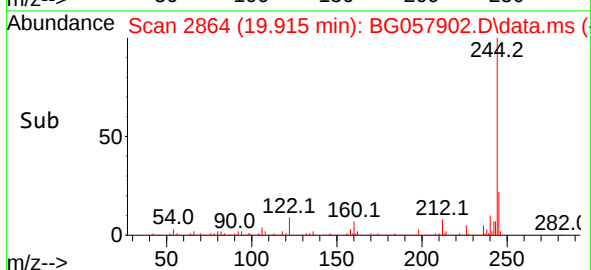
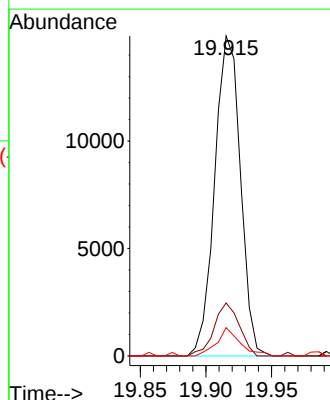
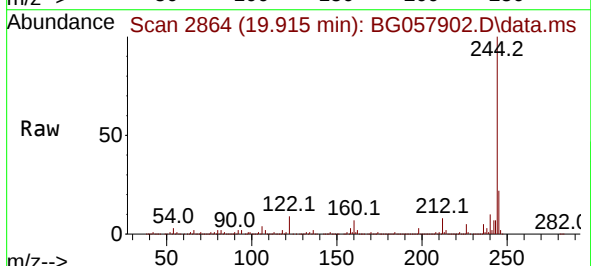
Tgt Ion:184 Resp: 20247

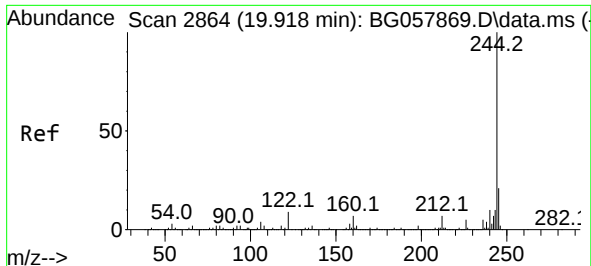
Ion Ratio Lower Upper

184 100

185 16.5 11.7 17.5

183 8.9 9.0 13.4#

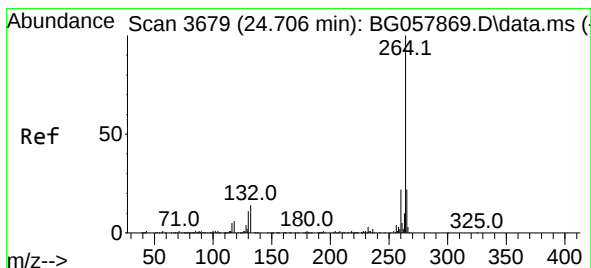
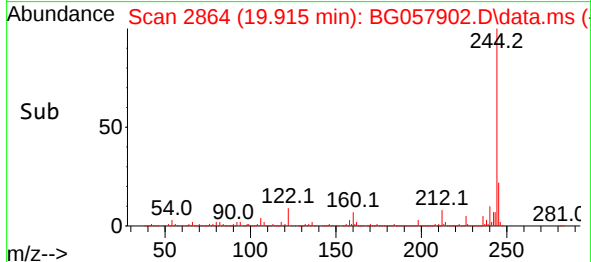
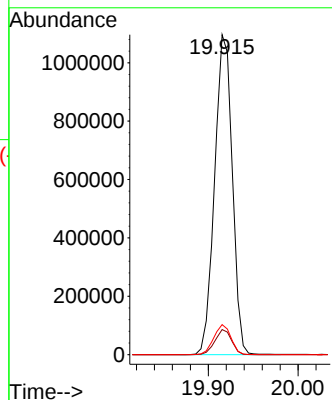
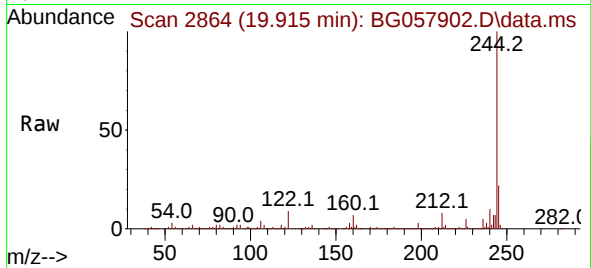




#79
 Terphenyl-d14
 Concen: 95.702 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057902.D
 Acq: 29 Jun 2023 13:15

Instrument :
 BNA_G
 ClientSampleId :
 PB153840BL

Tgt Ion:244 Resp: 1499687
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.704 min Scan# 3679
 Delta R.T. -0.002 min
 Lab File: BG057902.D
 Acq: 29 Jun 2023 13:15

Tgt Ion:264 Resp: 343025
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.8 26.8
 265 21.1 17.3 25.9

