

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057786.D
 Acq On : 21 Jun 2023 15:55
 Operator : CG/JU
 Sample : PB153543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:50:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

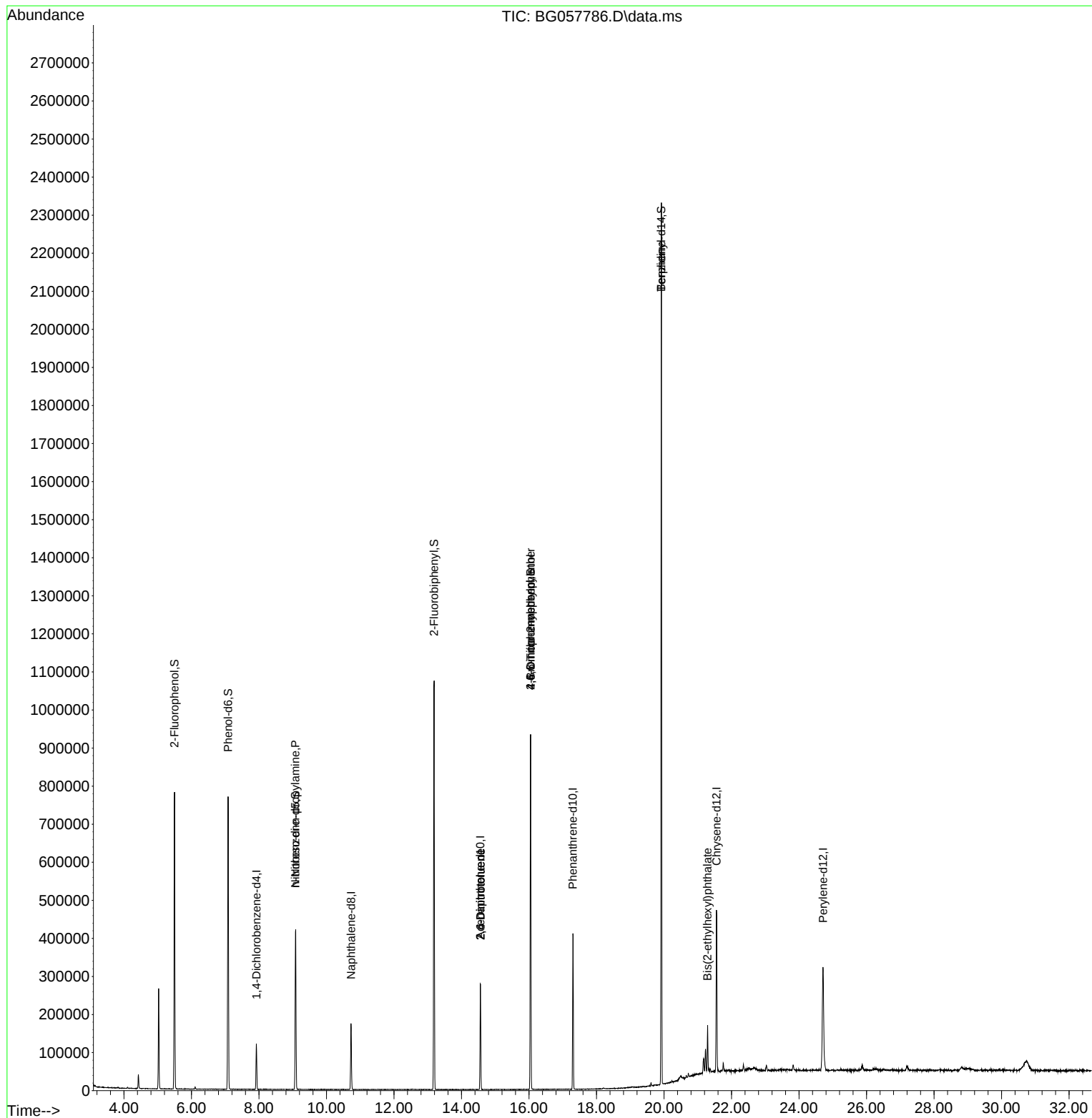
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	32127	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	141424	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	100428	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	262978	20.000	ng	0.00
76) Chrysene-d12	21.555	240	243431	20.000	ng	0.00
86) Perylene-d12	24.710	264	292524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	318370	152.799	ng	0.00
7) Phenol-d6	7.084	99	441878	138.988	ng	0.00
23) Nitrobenzene-d5	9.081	82	256129	92.951	ng	-0.01
42) 2,4,6-Tribromophenol	16.050	330	196433	140.414	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	587058	88.662	ng	0.00
79) Terphenyl-d14	19.922	244	1164890	89.230	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.081	70	32239	14.545	ng	# 77
51) 2,6-Dinitrotoluene	14.563	165	13072	9.203	ng	# 19
57) 2,4-Dinitrotoluene	14.563	165	13072	6.786	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.050	198	353	5.572	ng	# 1
67) 4-Bromophenyl-phenylether	16.050	248	12977	4.653	ng	# 1
77) Benzidine	19.922	184	16049	2.813	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.291	149	51056	5.323	ng	# 52

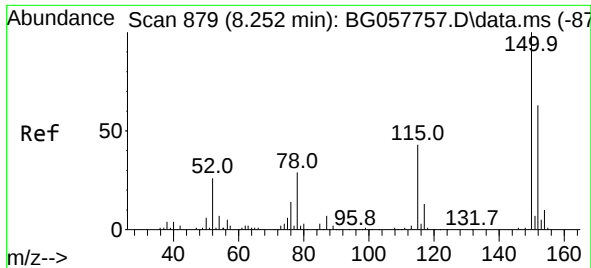
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057786.D
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Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :

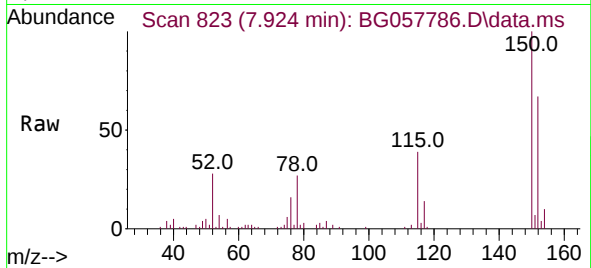
Quant Time: Jun 22 04:50:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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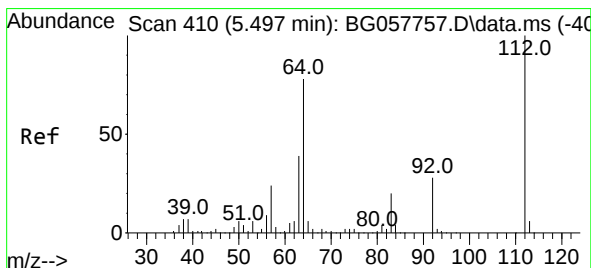
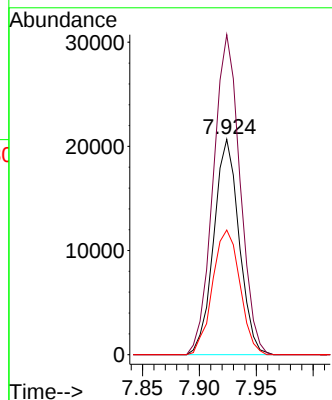
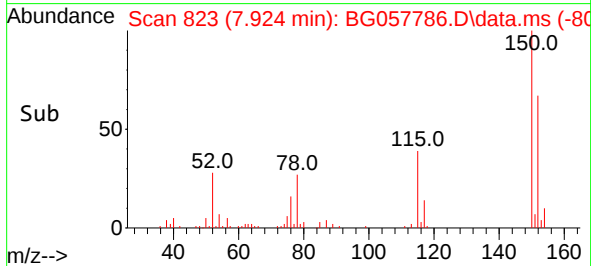


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

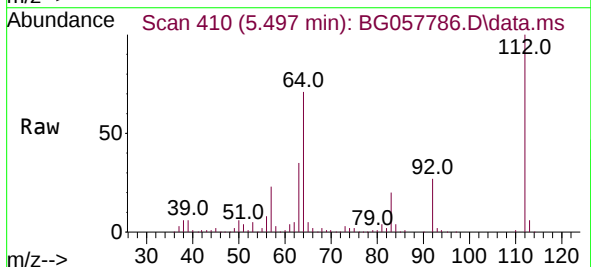
Instrument :
BNA_G
ClientSampleId :



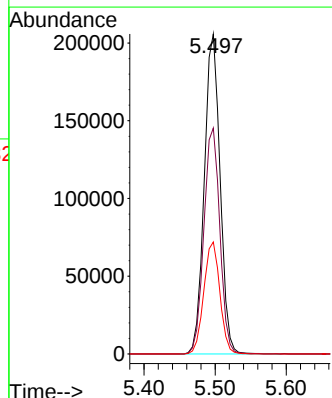
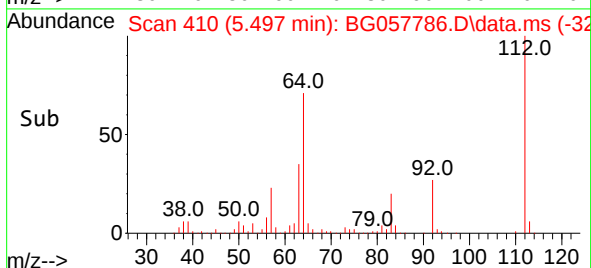
Tgt Ion:152 Resp: 32127
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 57.9 48.9 73.3

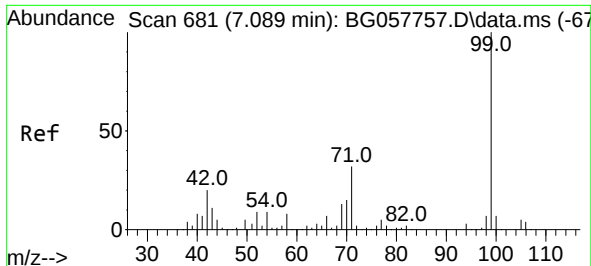


#5
2-Fluorophenol
Concen: 152.799 ng
RT: 5.497 min Scan# 410
Delta R.T. 0.000 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55



Tgt Ion:112 Resp: 318370
Ion Ratio Lower Upper
112 100
64 70.6 62.1 93.1
63 35.0 31.5 47.3

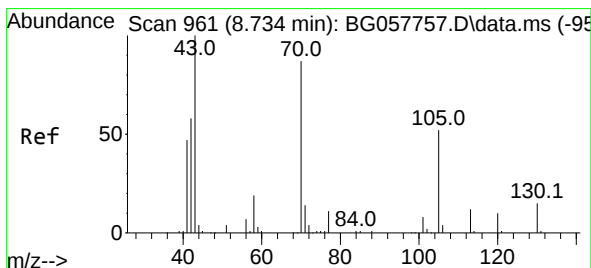
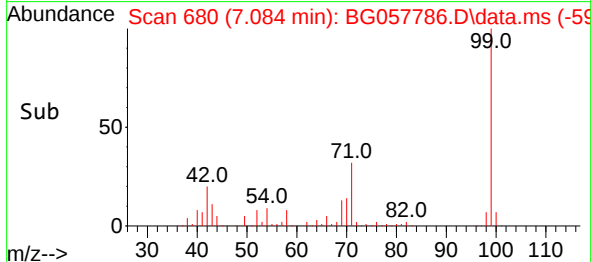
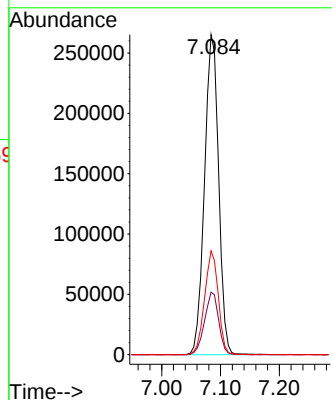
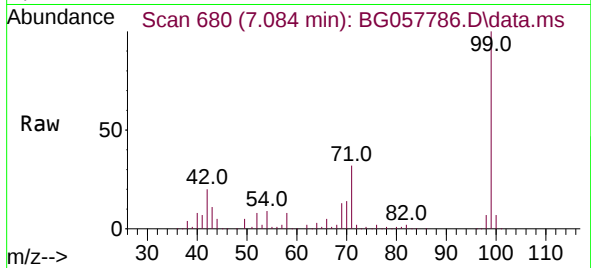




#7
Phenol-d6
Concen: 138.988 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

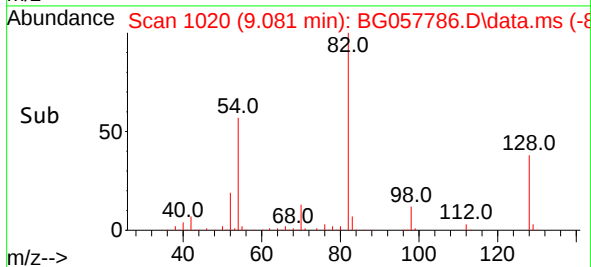
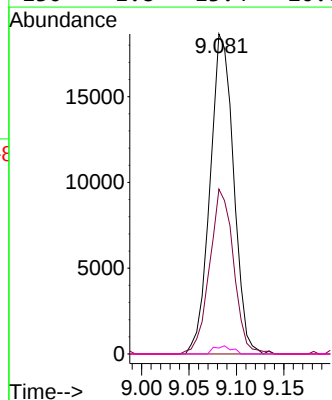
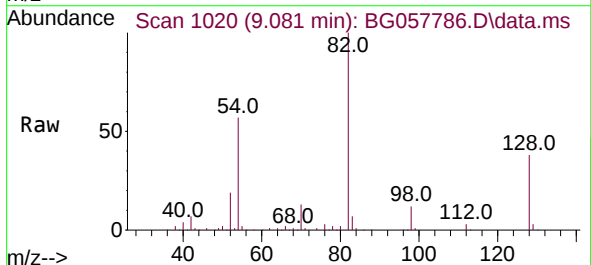
Instrument :
BNA_G
ClientSampleId :

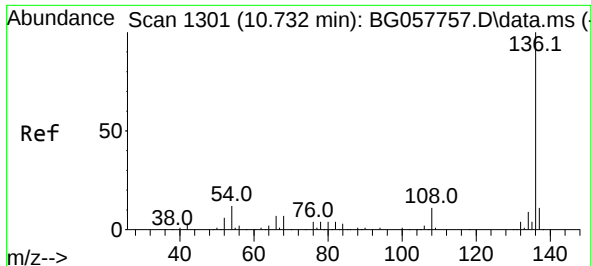
Tgt Ion: 99 Resp: 441878
Ion Ratio Lower Upper
99 100
42 19.6 16.4 24.6
71 32.5 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.545 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

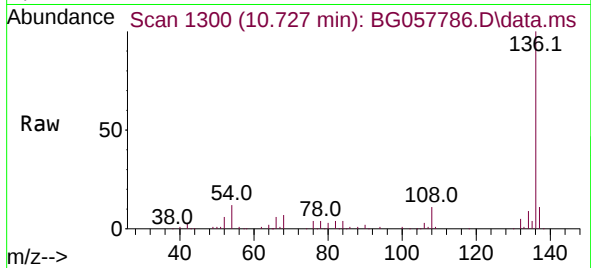
Tgt Ion: 70 Resp: 32239
Ion Ratio Lower Upper
70 100
42 51.5 54.2 81.2#
101 0.0 7.4 11.0#
130 1.8 13.4 20.0#



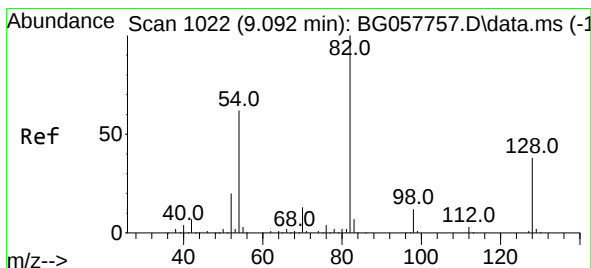
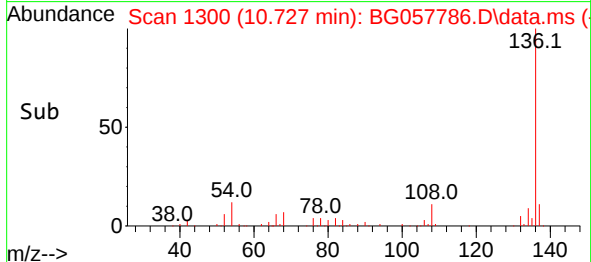
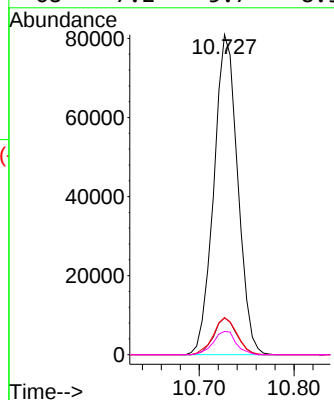


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

Instrument :
BNA_G
ClientSampleId :

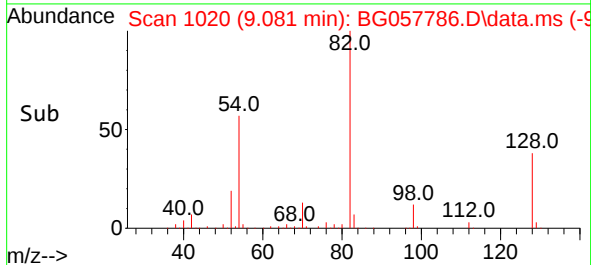
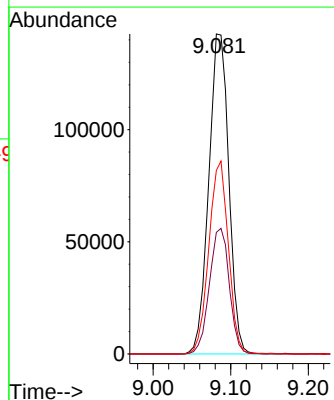
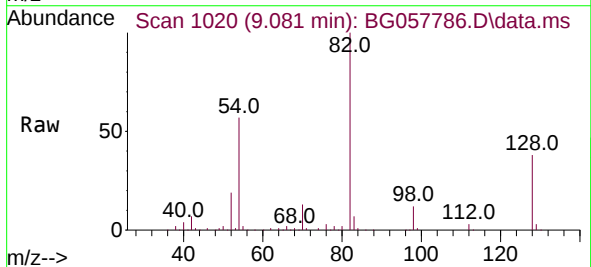


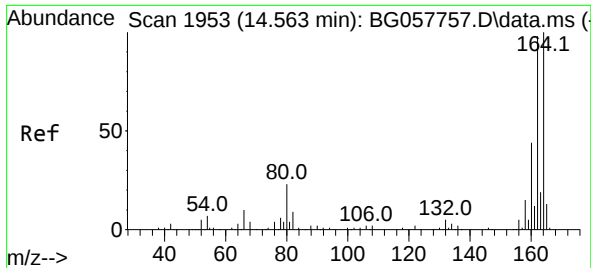
Tgt Ion:136 Resp: 141424
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 11.6 9.5 14.3
68 7.2 5.7 8.5



#23
Nitrobenzene-d5
Concen: 92.951 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

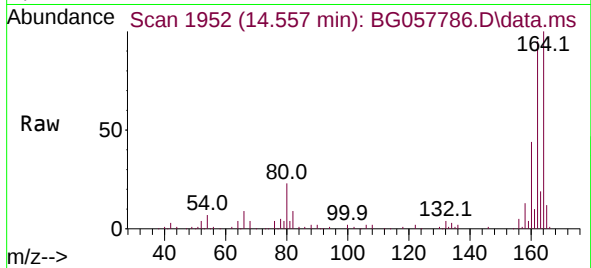
Tgt Ion: 82 Resp: 256129
Ion Ratio Lower Upper
82 100
128 38.0 30.7 46.1
54 57.4 49.6 74.4



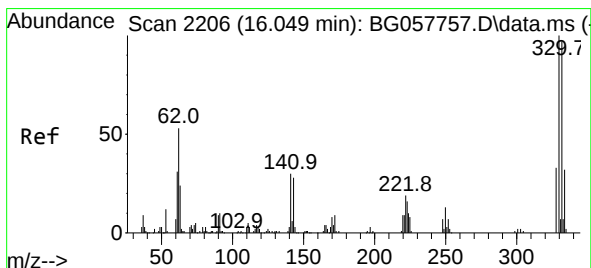
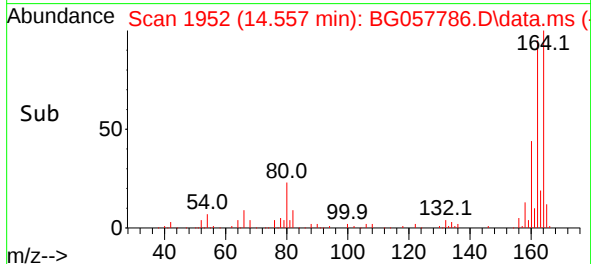
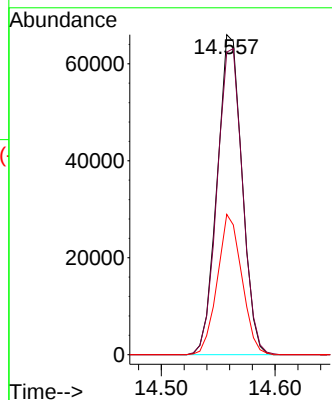


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

Instrument :
BNA_G
ClientSampleId :

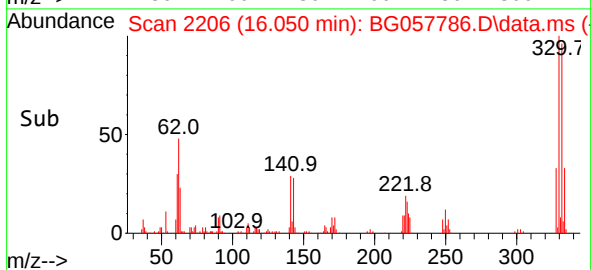
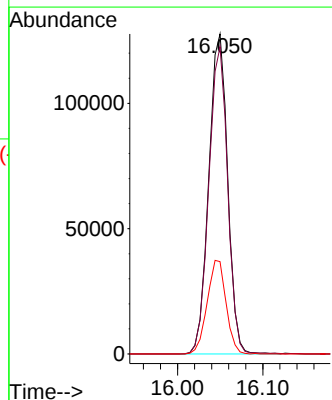
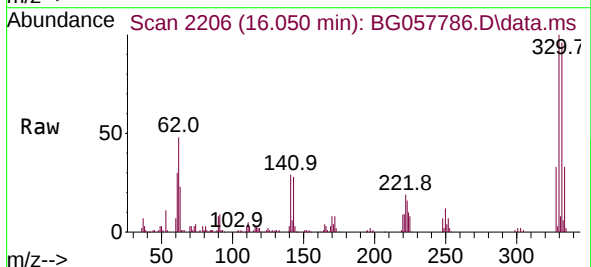


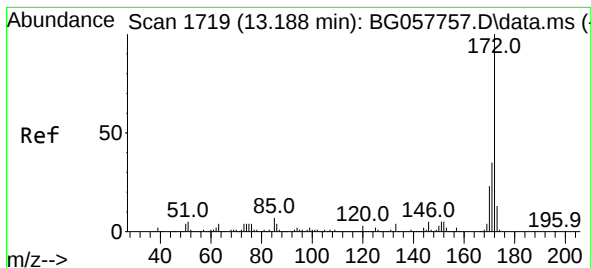
Tgt Ion:164 Resp: 100428
Ion Ratio Lower Upper
164 100
162 94.5 78.3 117.5
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 140.414 ng
RT: 16.050 min Scan# 2206
Delta R.T. 0.001 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

Tgt Ion:330 Resp: 196433
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 29.3 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 88.662 ng

RT: 13.188 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

Instrument :

BNA_G

ClientSampleId :

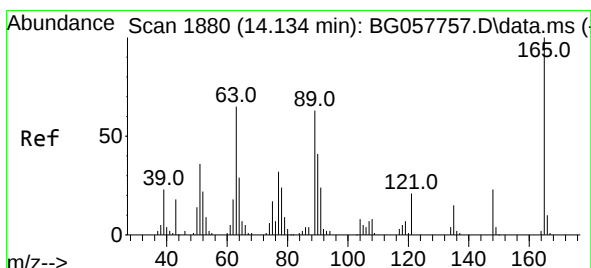
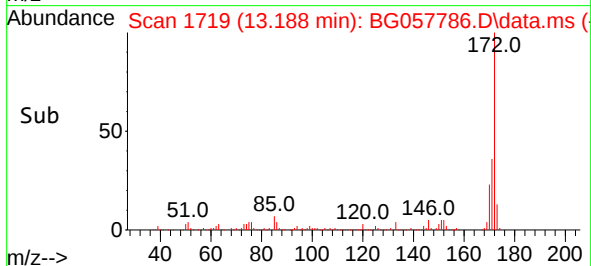
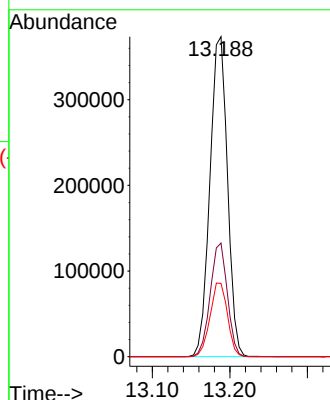
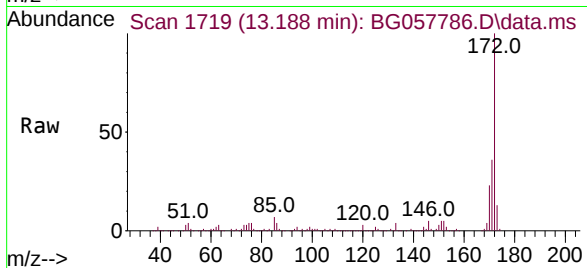
Tgt Ion:172 Resp: 587058

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 22.9 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.203 ng

RT: 14.563 min Scan# 1953

Delta R.T. 0.429 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

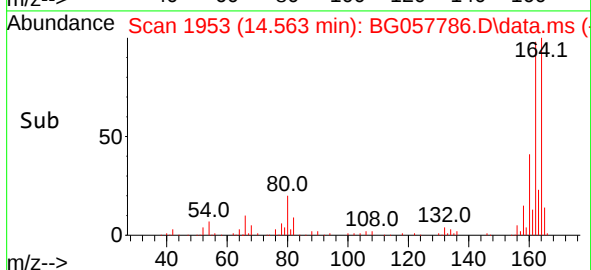
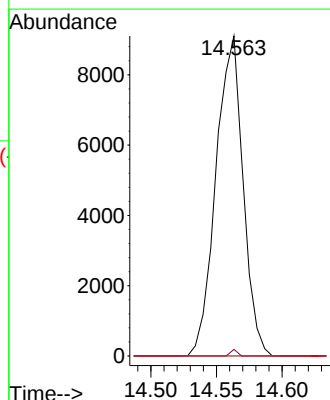
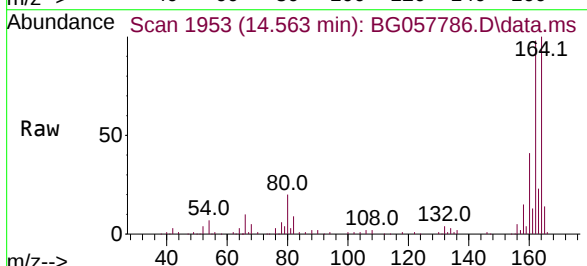
Tgt Ion:165 Resp: 13072

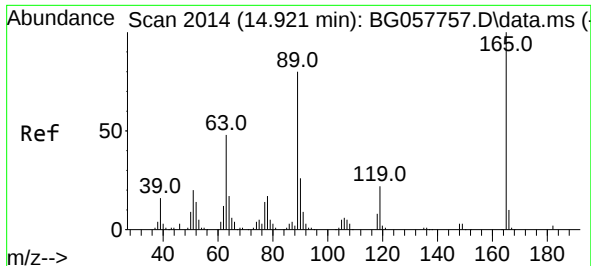
Ion Ratio Lower Upper

165 100

63 2.1 52.8 79.2#

89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.786 ng

RT: 14.563 min Scan# 1419

Delta R.T. -0.358 min

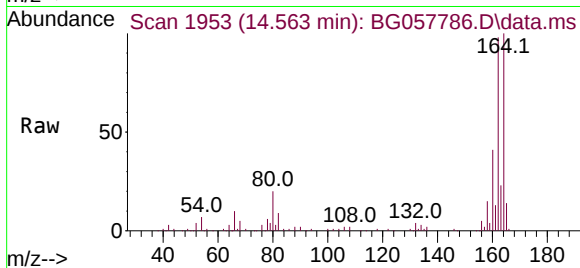
Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 13072

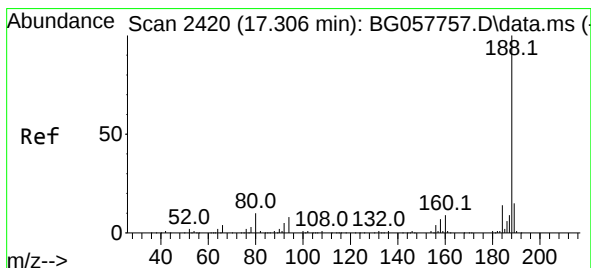
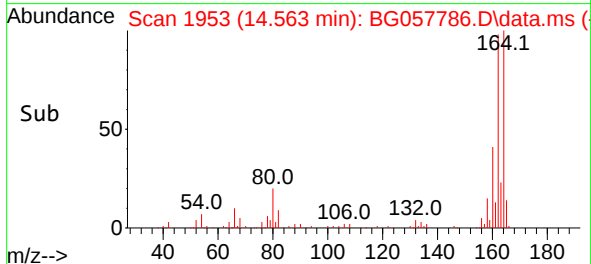
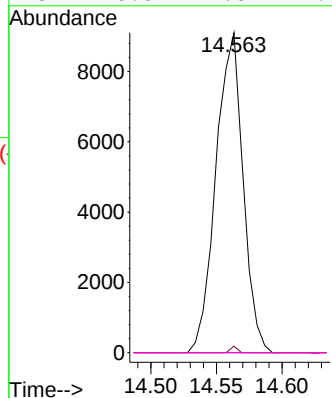
Ion Ratio Lower Upper

165 100

63 2.1 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 2419

Delta R.T. -0.005 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

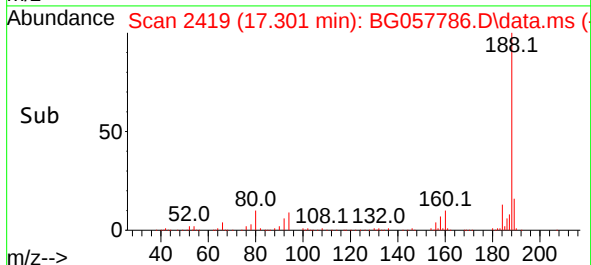
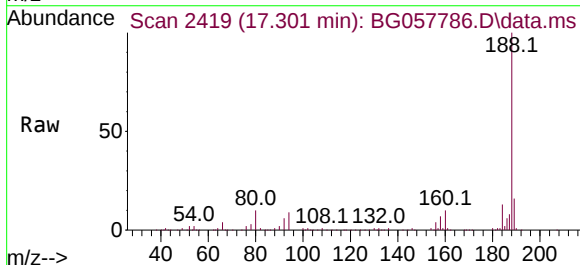
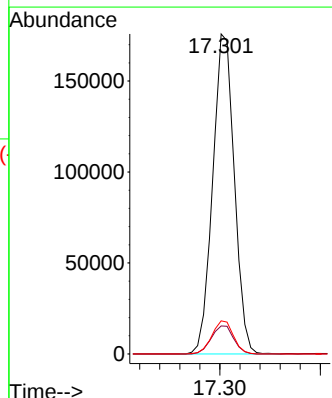
Tgt Ion:188 Resp: 262978

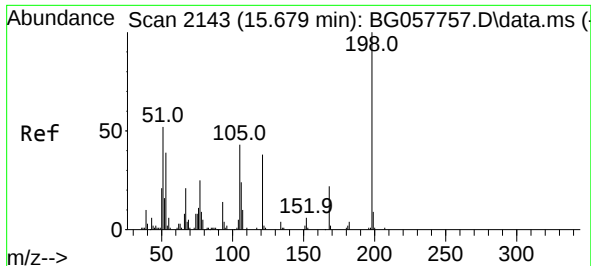
Ion Ratio Lower Upper

188 100

94 8.7 6.6 9.8

80 10.4 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.572 ng

RT: 16.050 min Scan# 2143

Delta R.T. 0.371 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

Instrument :

BNA_G

ClientSampleId :

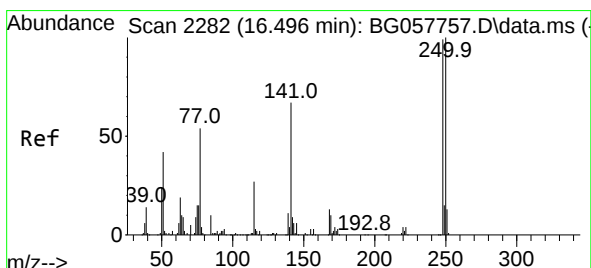
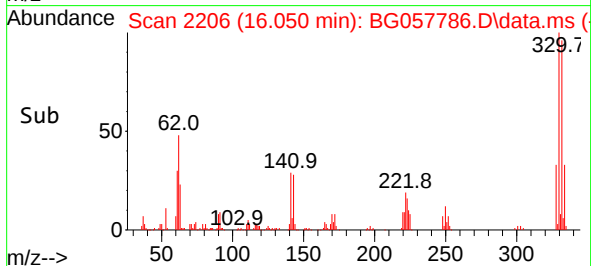
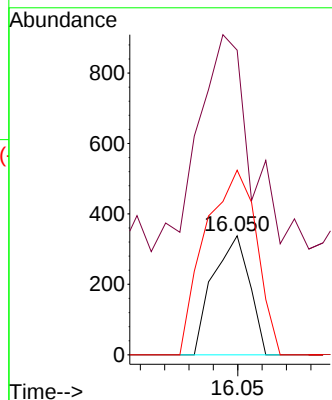
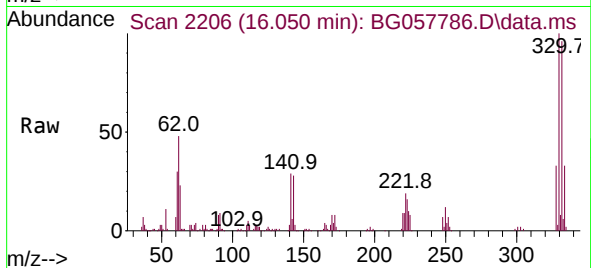
Tgt Ion:198 Resp: 353

Ion Ratio Lower Upper

198 100

51 255.9 36.6 76.6#

105 155.0 24.3 64.3#



#67

4-Bromophenyl-phenylether

Concen: 4.653 ng

RT: 16.050 min Scan# 2206

Delta R.T. -0.446 min

Lab File: BG057786.D

Acq: 21 Jun 2023 15:55

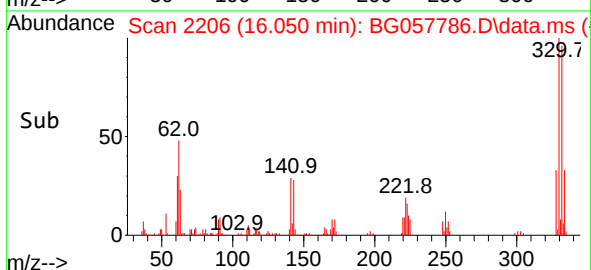
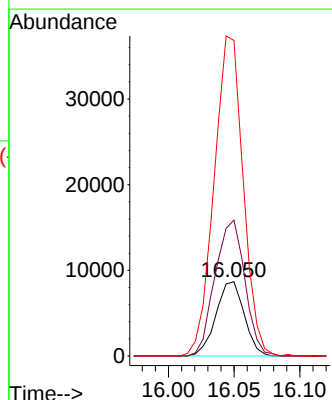
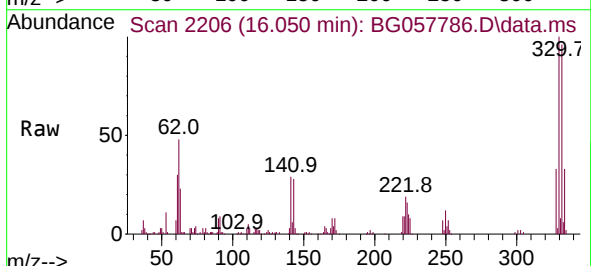
Tgt Ion:248 Resp: 12977

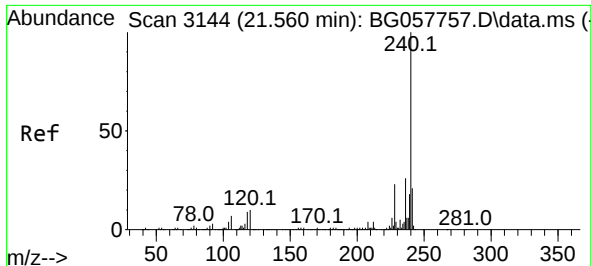
Ion Ratio Lower Upper

248 100

250 183.0 81.1 121.7#

141 425.2 54.6 81.8#

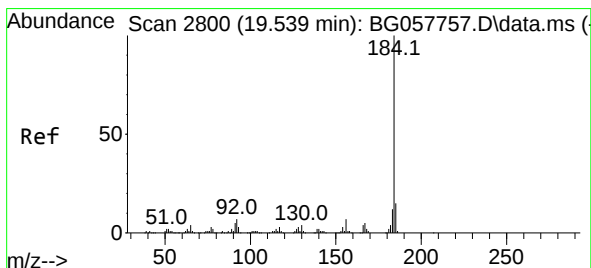
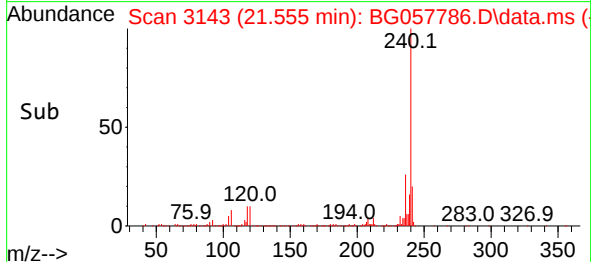
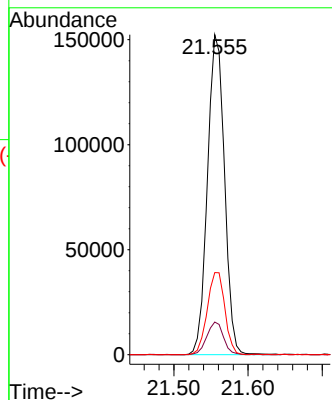
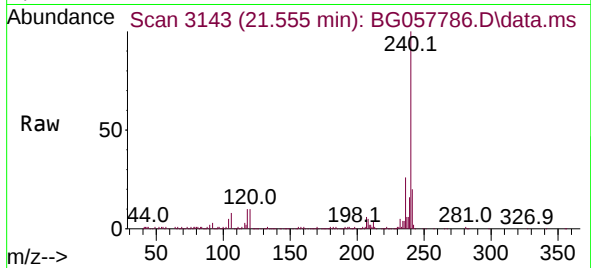




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

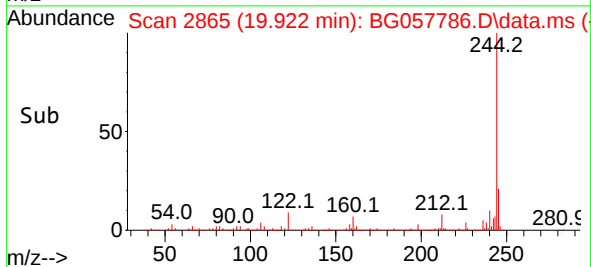
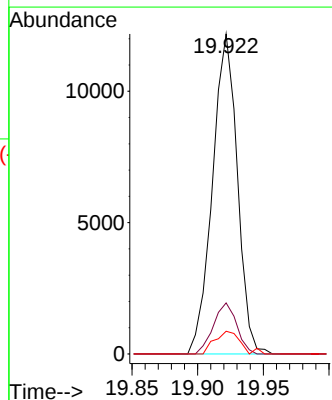
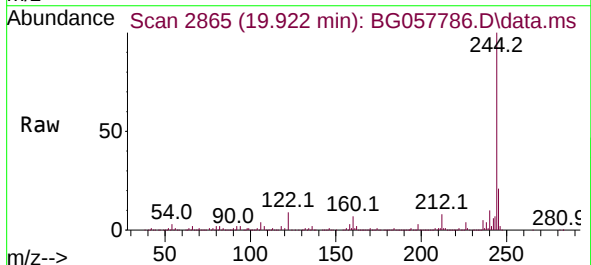
Instrument :
BNA_G
ClientSampleId :

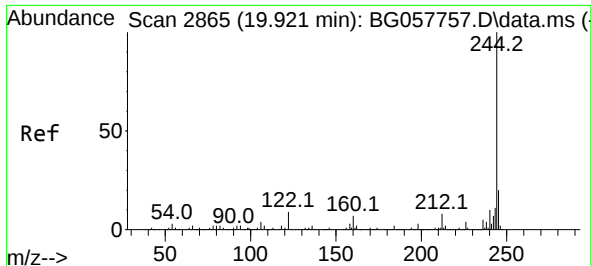
Tgt Ion:240 Resp: 243431
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.7 20.6 30.8



#77
Benzidine
Concen: 2.813 ng
RT: 19.922 min Scan# 2865
Delta R.T. 0.383 min
Lab File: BG057786.D
Acq: 21 Jun 2023 15:55

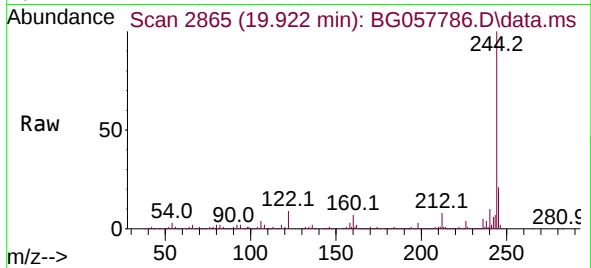
Tgt Ion:184 Resp: 16049
Ion Ratio Lower Upper
184 100
185 15.9 12.0 18.0
183 7.1 9.4 14.0#



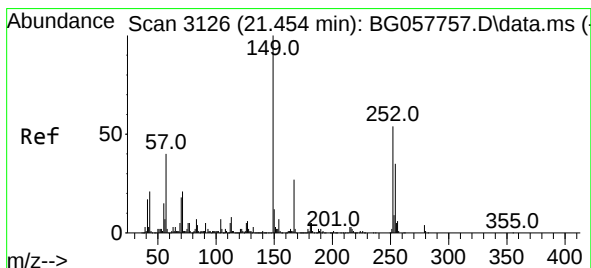
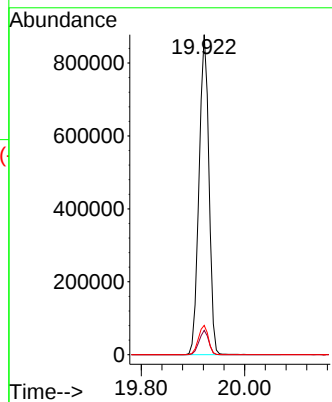
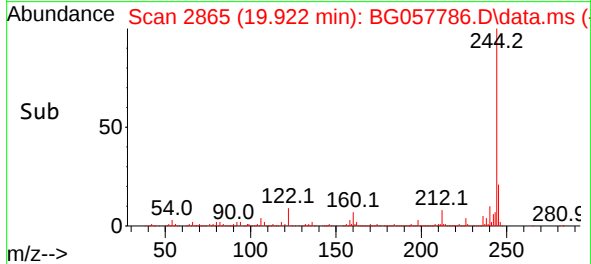


#79
 Terphenyl-d14
 Concen: 89.230 ng
 RT: 19.922 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057786.D
 Acq: 21 Jun 2023 15:55

Instrument :
 BNA_G
 ClientSampleId :

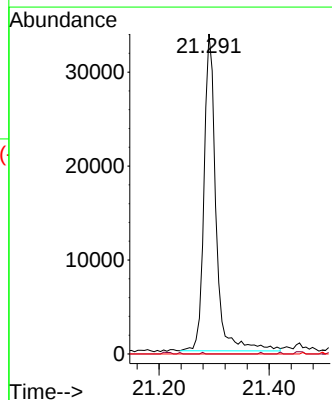
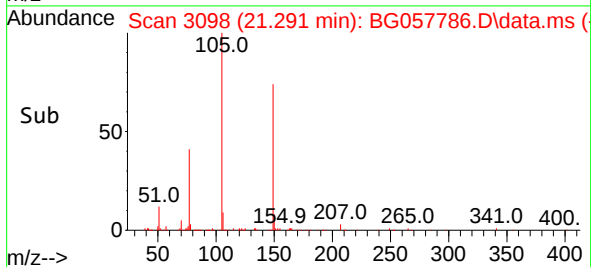
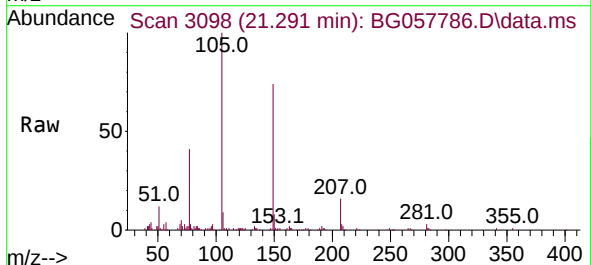


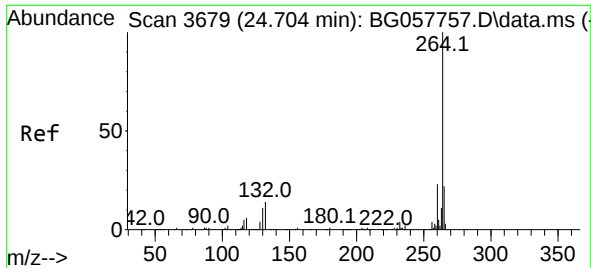
Tgt Ion:244 Resp: 1164890
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.2 7.6 11.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.323 ng
 RT: 21.291 min Scan# 3098
 Delta R.T. -0.164 min
 Lab File: BG057786.D
 Acq: 21 Jun 2023 15:55

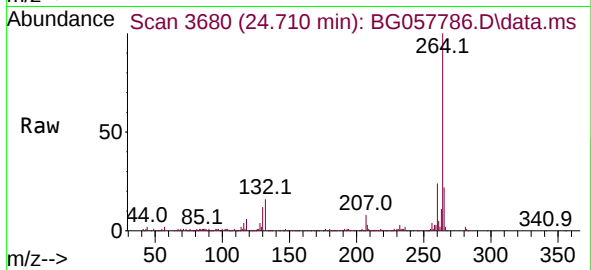
Tgt Ion:149 Resp: 51056
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.8#
 279 0.0 2.9 4.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: BG057786.D
 Acq: 21 Jun 2023 15:55

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264	Resp:	292524	
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.5	17.4	26.2

