

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057704.D
 Acq On : 14 Jun 2023 12:19
 Operator : CG/JU
 Sample : 03156-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1

Quant Time: Jun 15 01:20:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

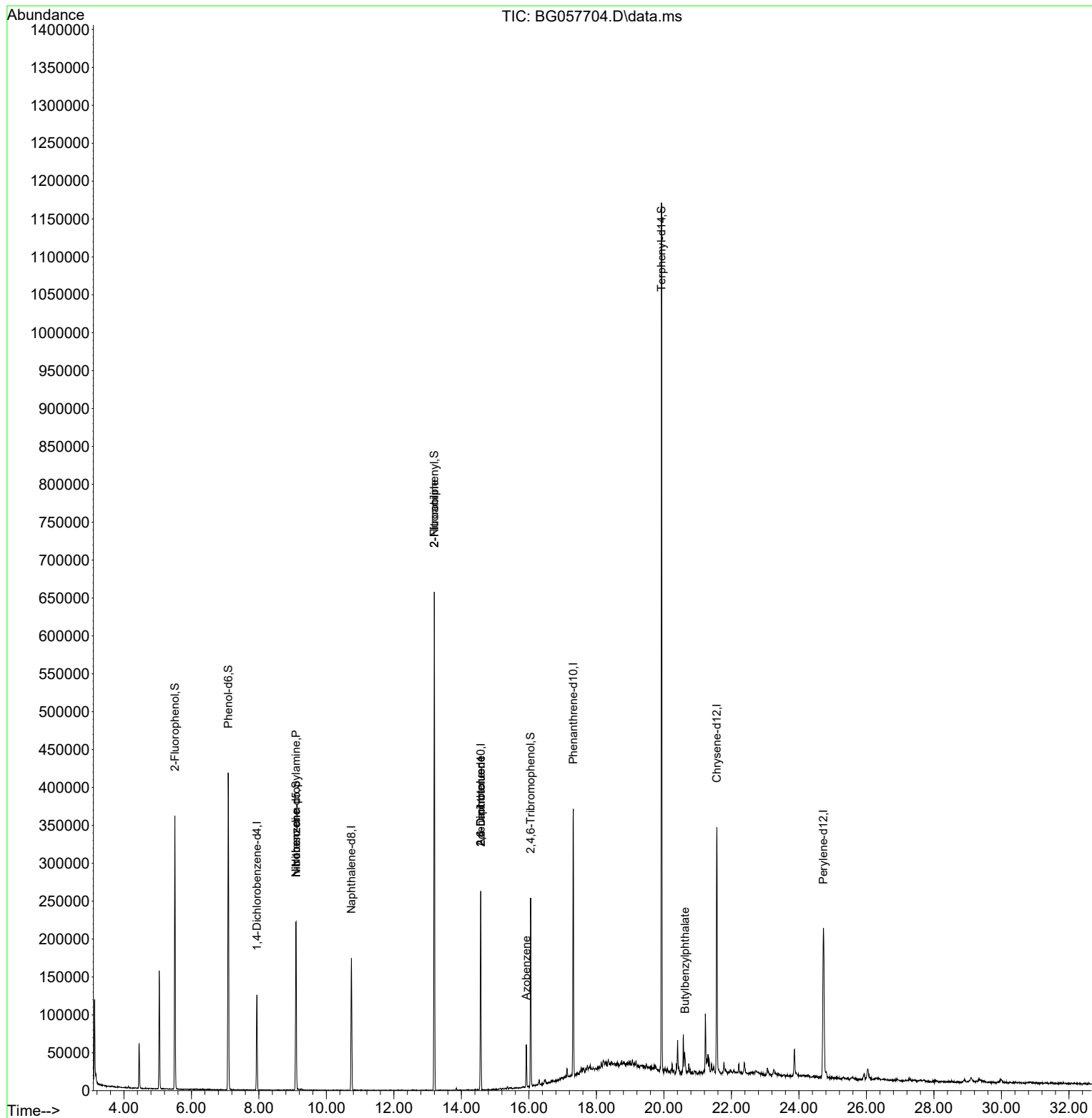
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	34281	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	139835	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	91842	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	221293	20.000	ng	0.00
76) Chrysene-d12	21.568	240	187179	20.000	ng	0.00
86) Perylene-d12	24.723	264	219911	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	138569	65.818	ng	0.00
7) Phenol-d6	7.091	99	228687	70.707	ng	0.00
23) Nitrobenzene-d5	9.101	82	124185	60.235	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	46639	45.517	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	335922	54.520	ng	0.00
79) Terphenyl-d14	19.929	244	566420	55.948	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.101	70	15657	6.695	ng	# 82
24) Nitrobenzene	9.101	77	387	5.214	ng	# 44
48) 2-Nitroaniline	13.196	65	528	4.596	ng	# 1
51) 2,6-Dinitrotoluene	14.571	165	11445	17.181	ng	# 13
57) 2,4-Dinitrotoluene	14.571	165	11445	14.280	ng	# 16
63) Azobenzene	15.922	77	16320	2.183	ng	# 1
80) Butylbenzylphthalate	20.628	149	1261	4.344	ng	# 85

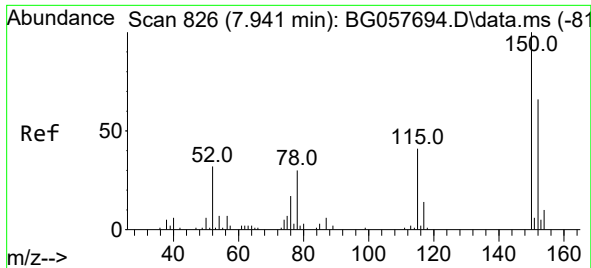
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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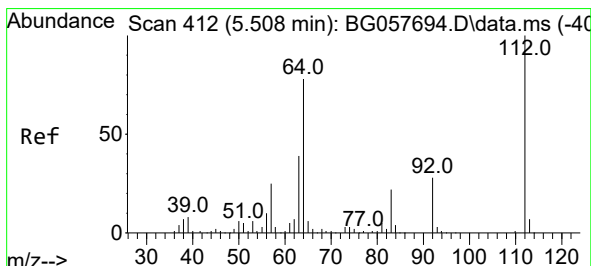
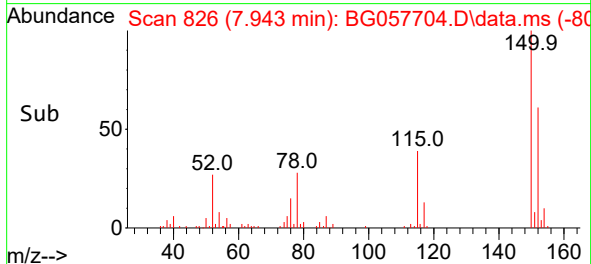
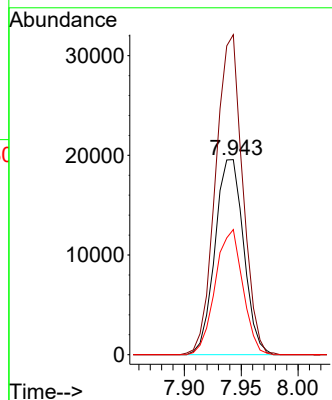
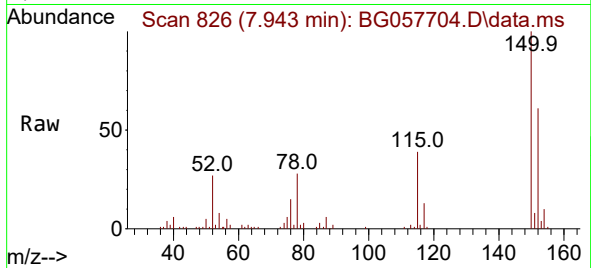




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

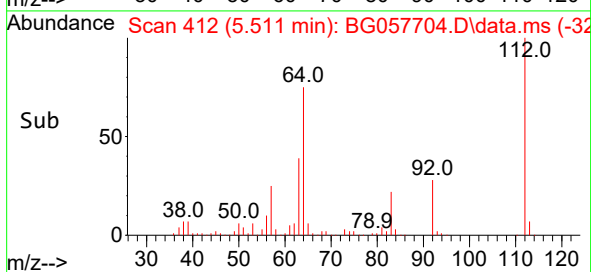
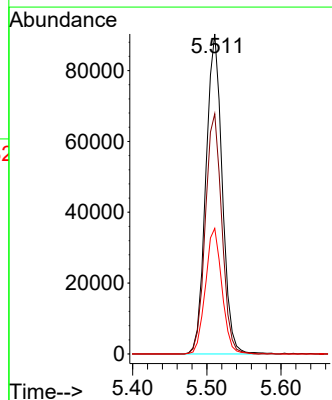
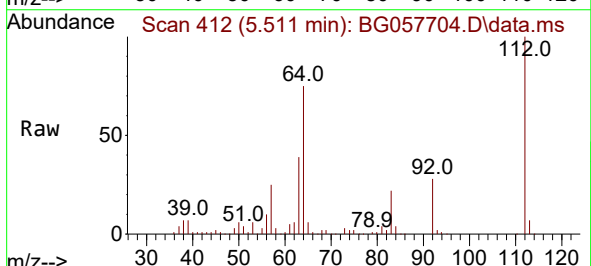
Instrument :
BNA_G
ClientSampleId :
CONC-1

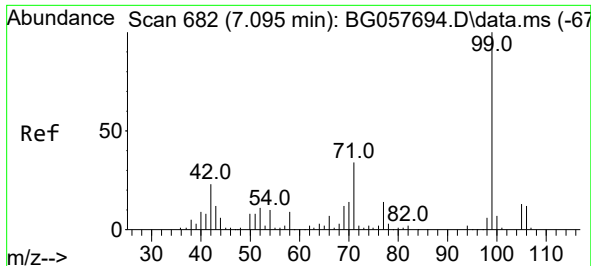
Tgt Ion:152 Resp: 34281
Ion Ratio Lower Upper
152 100
150 164.1 120.8 181.2
115 64.1 49.4 74.2



#5
2-Fluorophenol
Concen: 65.818 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

Tgt Ion:112 Resp: 138569
Ion Ratio Lower Upper
112 100
64 75.1 62.3 93.5
63 39.2 31.5 47.3

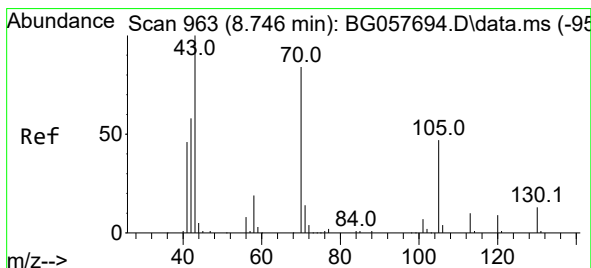
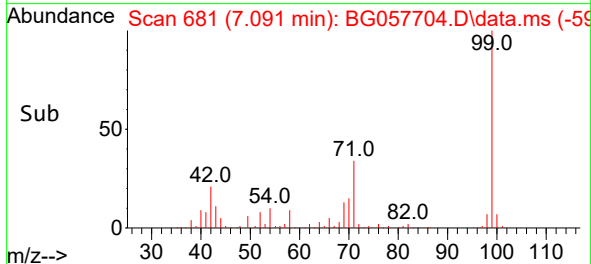
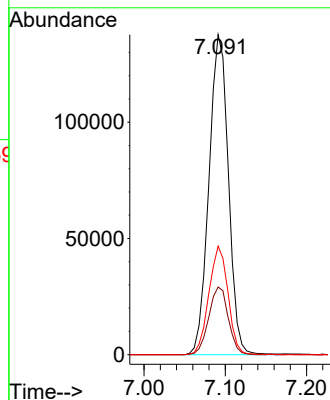
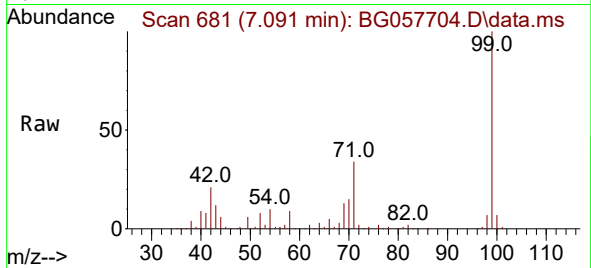




#7
Phenol-d6
Concen: 70.707 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

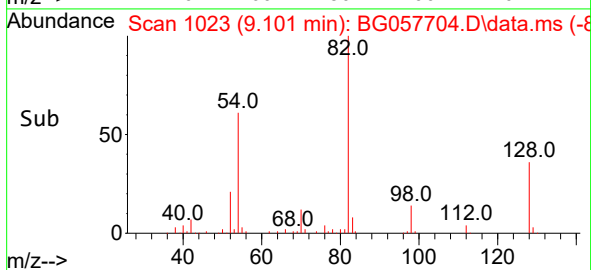
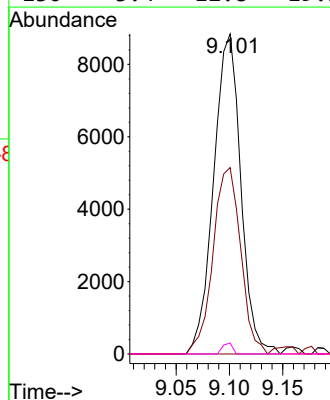
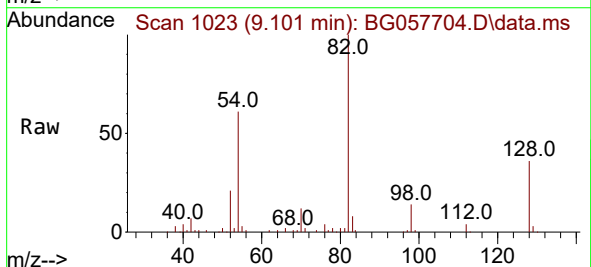
Instrument :
BNA_G
ClientSampleId :
CONC-1

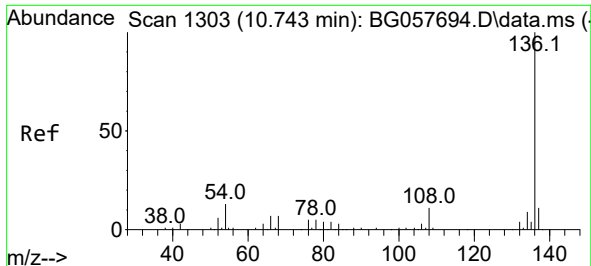
Tgt Ion: 99 Resp: 228687
Ion Ratio Lower Upper
99 100
42 21.2 18.3 27.5
71 33.9 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 6.695 ng
RT: 9.101 min Scan# 1023
Delta R.T. 0.355 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

Tgt Ion: 70 Resp: 15657
Ion Ratio Lower Upper
70 100
42 58.3 56.6 84.8
101 0.0 6.2 9.4#
130 3.4 12.8 19.2#

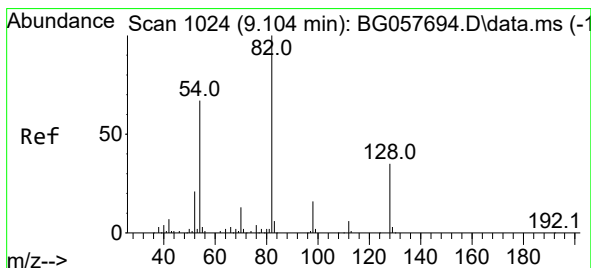
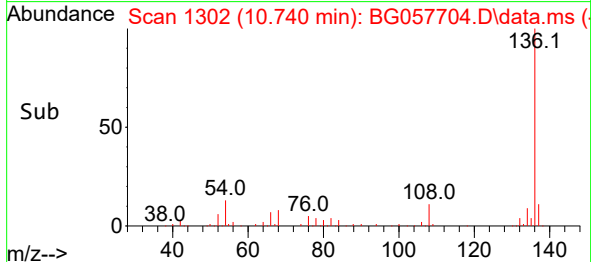
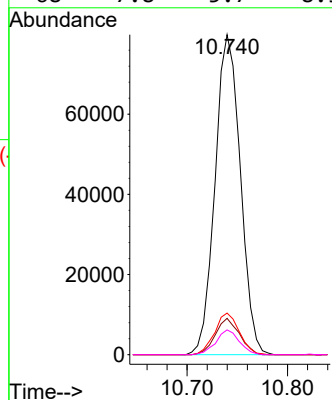
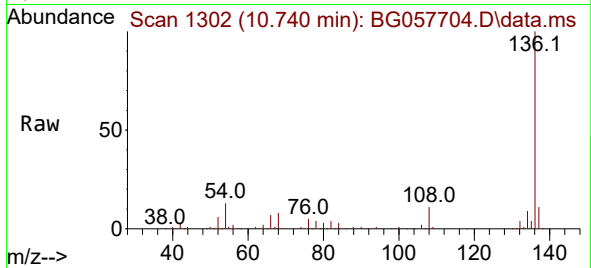




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

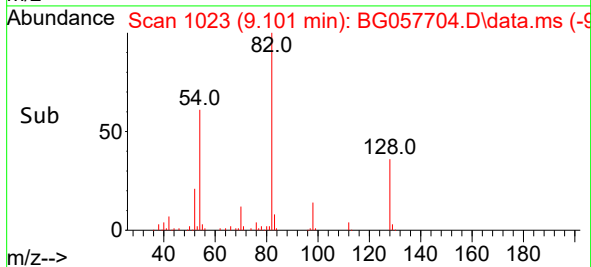
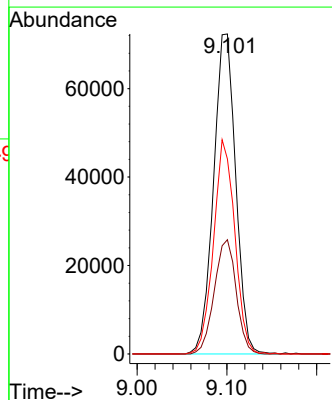
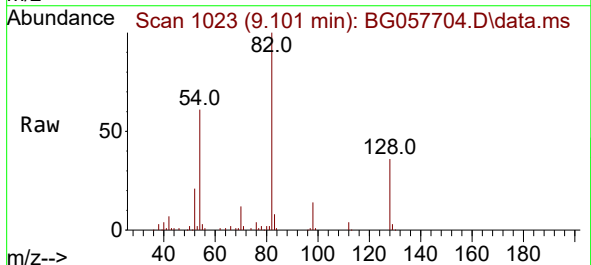
Instrument :
BNA_G
ClientSampleId :
CONC-1

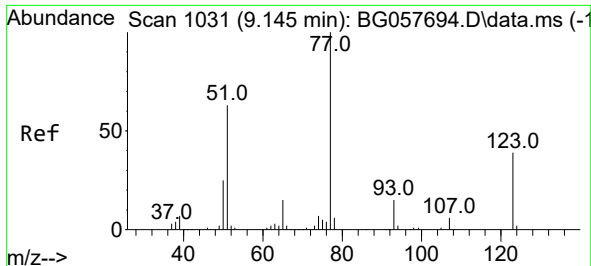
Tgt Ion:136 Resp: 139835
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 13.0 10.8 16.2
68 7.8 5.7 8.5



#23
Nitrobenzene-d5
Concen: 60.235 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.003 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

Tgt Ion: 82 Resp: 124185
Ion Ratio Lower Upper
82 100
128 35.7 27.7 41.5
54 61.0 53.8 80.8

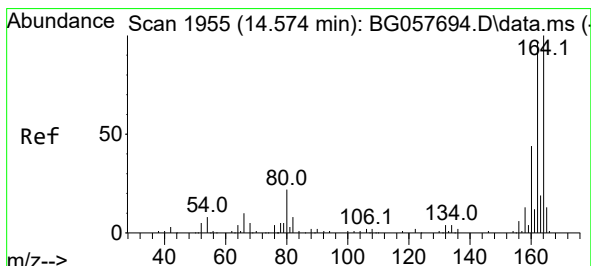
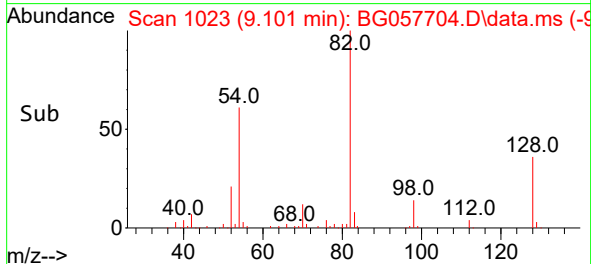
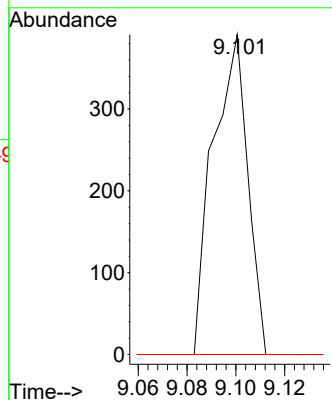
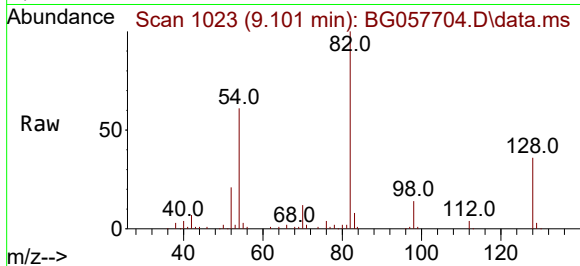




#24
Nitrobenzene
Concen: 5.214 ng
RT: 9.101 min Scan# 1023
Delta R.T. -0.044 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

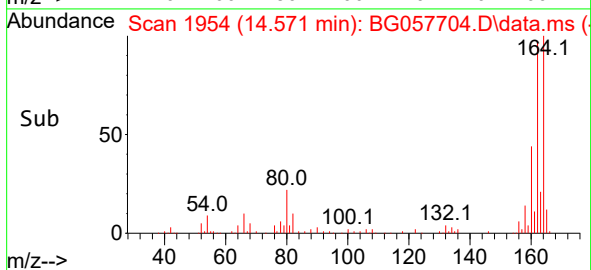
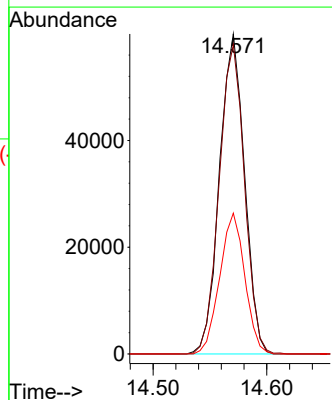
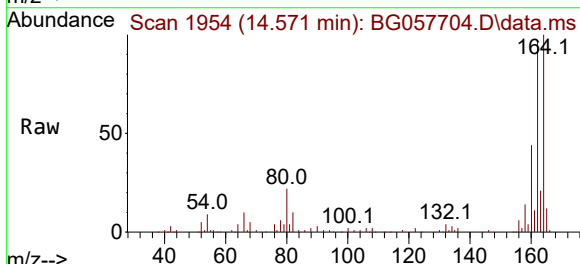
Instrument :
BNA_G
ClientSampleId :
CONC-1

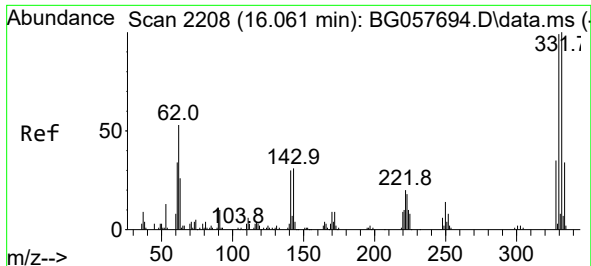
Tgt Ion: 77 Resp: 387
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057704.D
Acq: 14 Jun 2023 12:19

Tgt Ion:164 Resp: 91842
Ion Ratio Lower Upper
164 100
162 96.7 77.7 116.5
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 45.517 ng

RT: 16.051 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Instrument :

BNA_G

ClientSampleId :

CONC-1

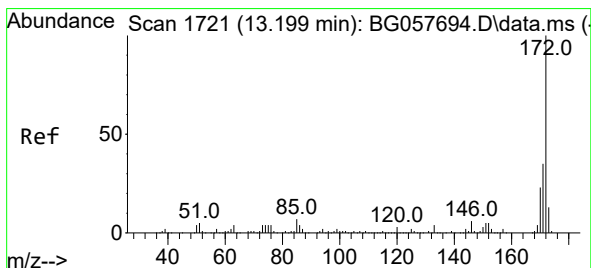
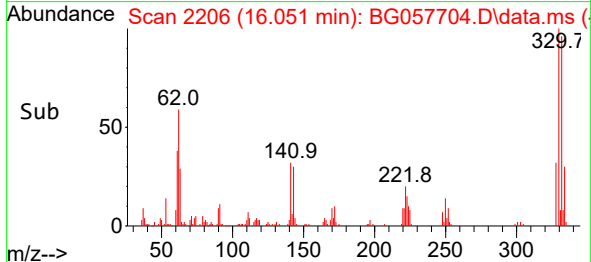
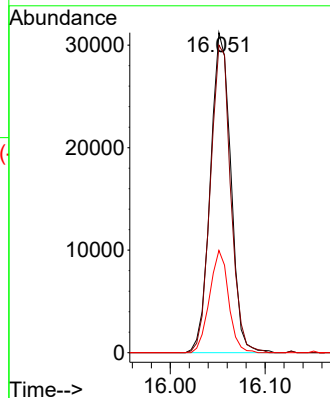
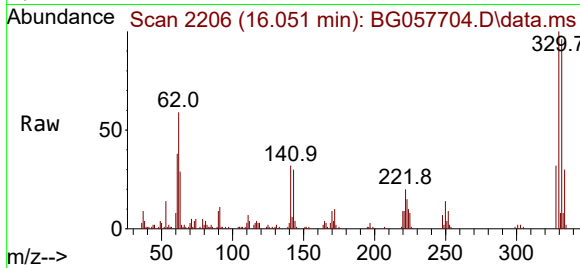
Tgt Ion:330 Resp: 46639

Ion Ratio Lower Upper

330 100

332 95.5 79.0 118.6

141 29.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 54.520 ng

RT: 13.196 min Scan# 1720

Delta R.T. -0.004 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

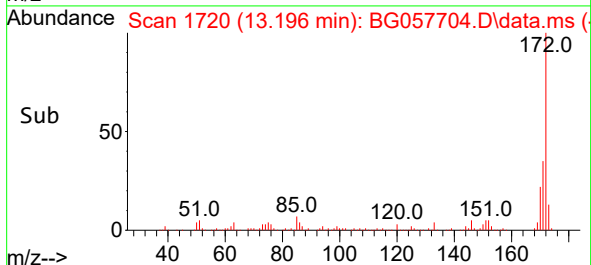
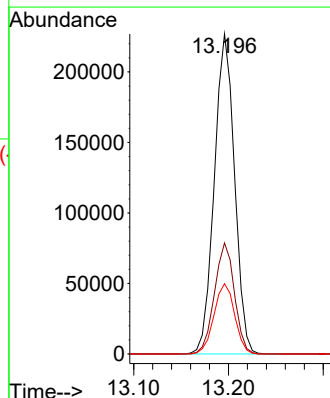
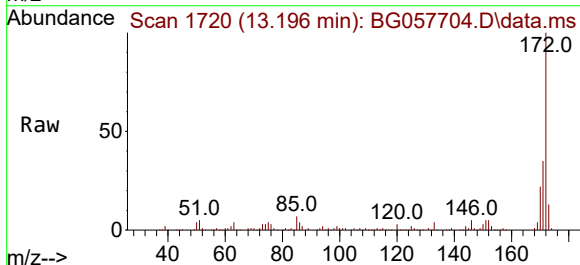
Tgt Ion:172 Resp: 335922

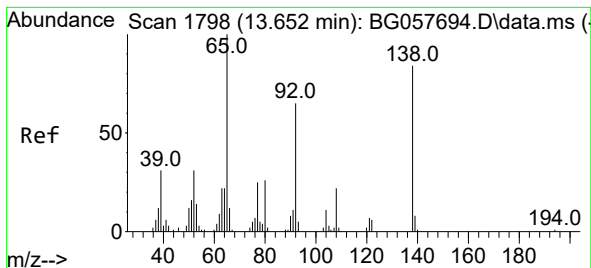
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

170 21.9 18.2 27.4





#48

2-Nitroaniline

Concen: 4.596 ng

RT: 13.196 min Scan# 1

Delta R.T. -0.456 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Instrument :

BNA_G

ClientSampleId :

CONC-1

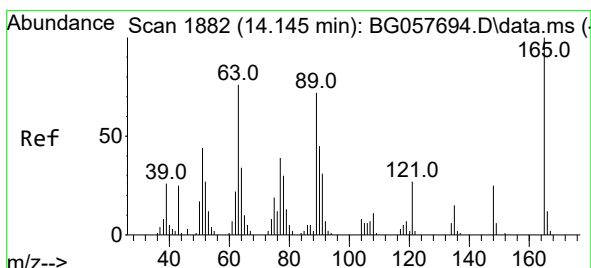
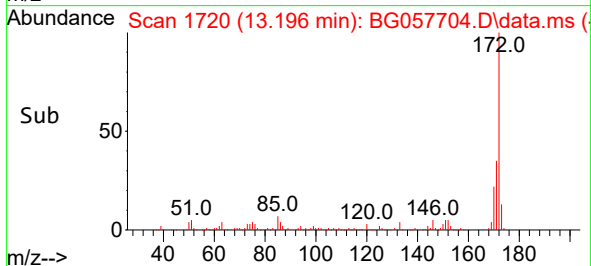
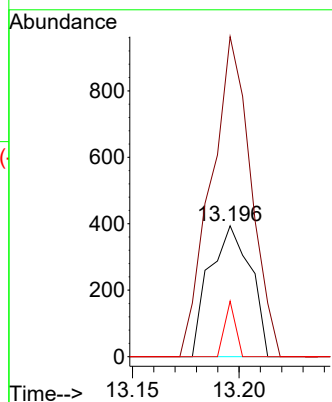
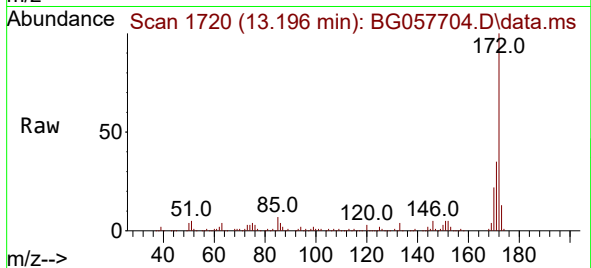
Tgt Ion: 65 Resp: 528

Ion Ratio Lower Upper

65 100

92 244.4 52.2 78.4#

138 42.4 67.0 100.4#



#51

2,6-Dinitrotoluene

Concen: 17.181 ng

RT: 14.571 min Scan# 1954

Delta R.T. 0.426 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

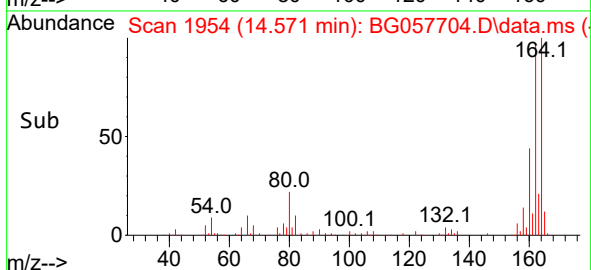
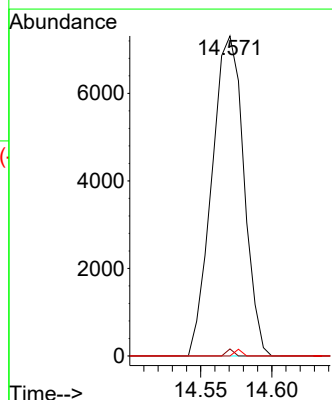
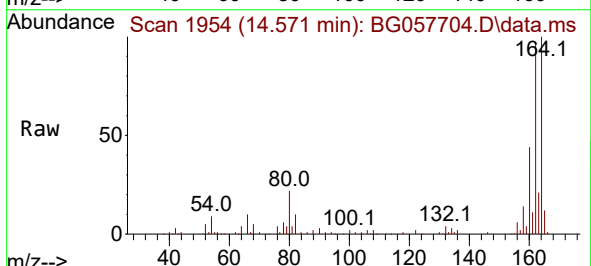
Tgt Ion:165 Resp: 11445

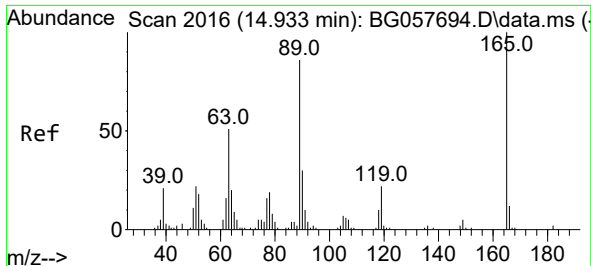
Ion Ratio Lower Upper

165 100

63 2.2 62.3 93.5#

89 0.0 57.4 86.0#





#57

2,4-Dinitrotoluene

Concen: 14.280 ng

RT: 14.571 min Scan# 1954

Delta R.T. -0.362 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Instrument :

BNA_G

ClientSampleId :

CONC-1

Tgt Ion:165 Resp: 11445

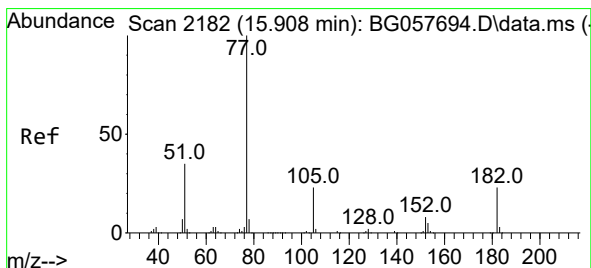
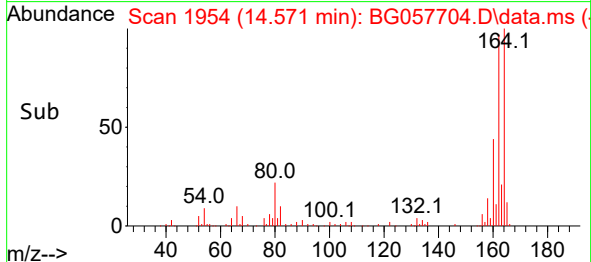
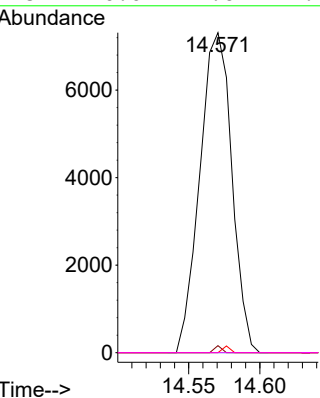
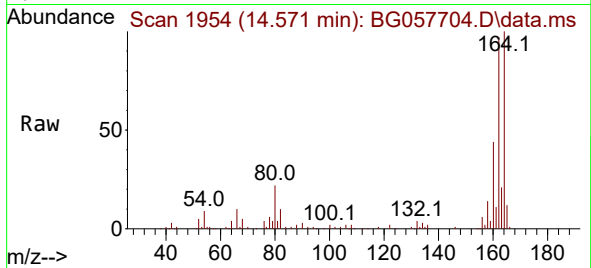
Ion Ratio Lower Upper

165 100

63 2.2 40.8 61.2#

89 0.0 68.5 102.7#

182 0.0 1.6 2.4#



#63

Azobenzene

Concen: 2.183 ng

RT: 15.922 min Scan# 2184

Delta R.T. 0.014 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Tgt Ion: 77 Resp: 16320

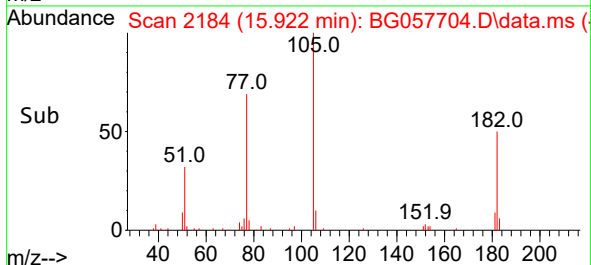
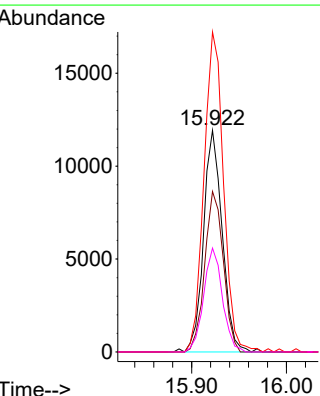
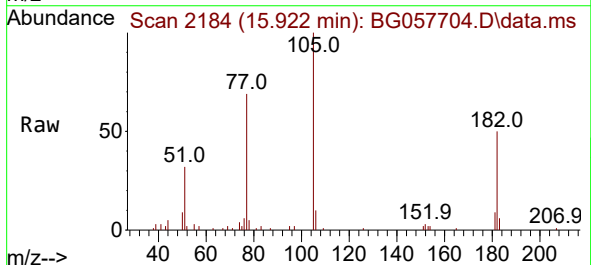
Ion Ratio Lower Upper

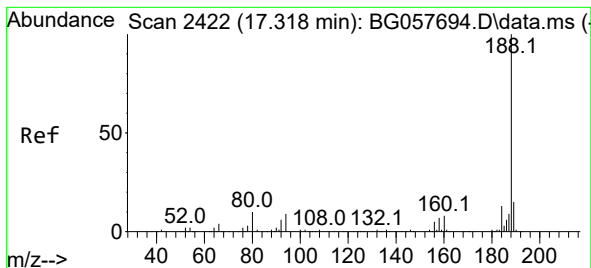
77 100

182 72.4 3.2 43.2#

105 144.4 3.3 43.3#

51 46.8 15.2 55.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Instrument :

BNA_G

ClientSampleId :

CONC-1

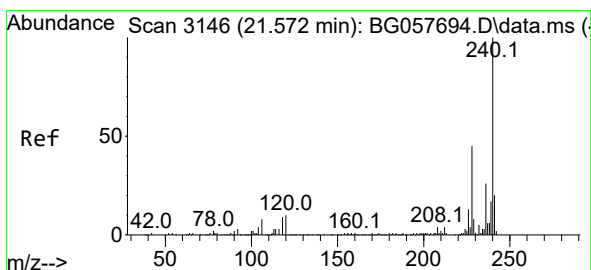
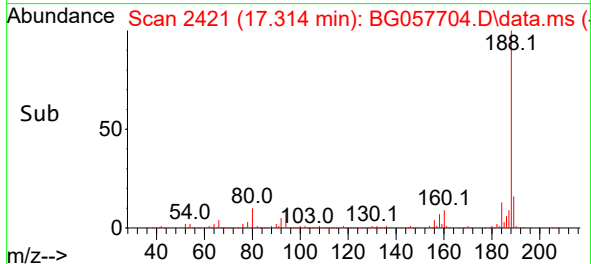
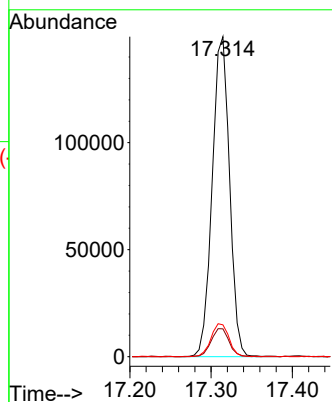
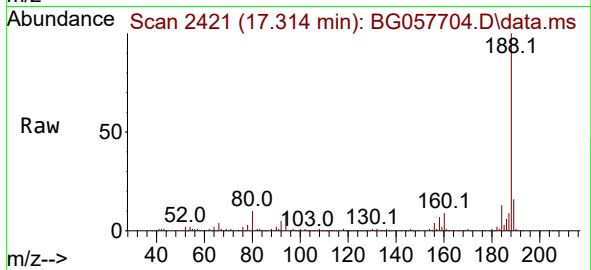
Tgt Ion:188 Resp: 221293

Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

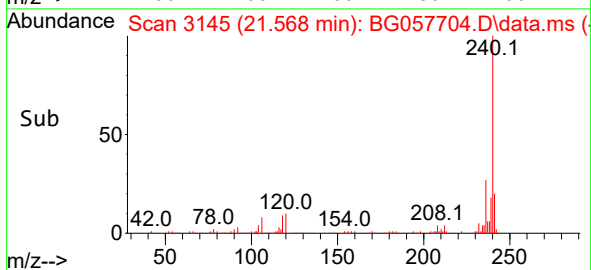
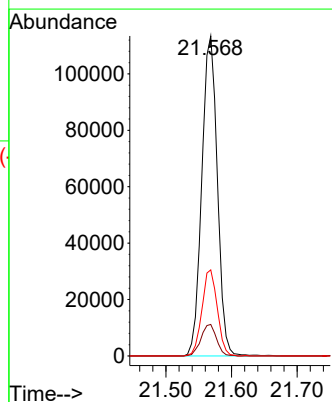
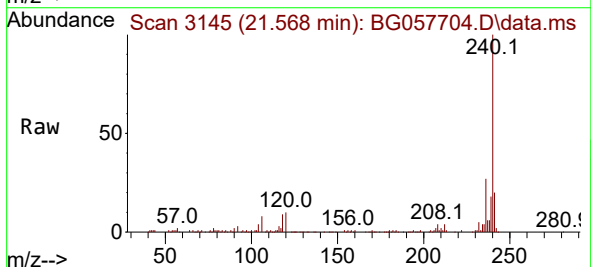
Tgt Ion:240 Resp: 187179

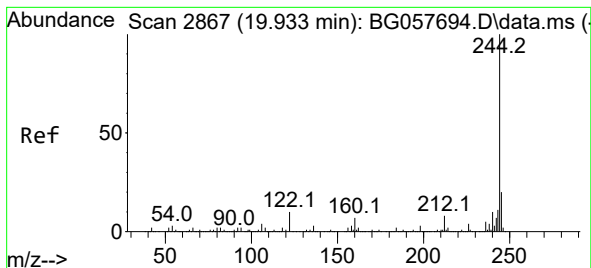
Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 26.9 20.7 31.1





#79

Terphenyl-d14

Concen: 55.948 ng

RT: 19.929 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

Instrument :

BNA_G

ClientSampleId :

CONC-1

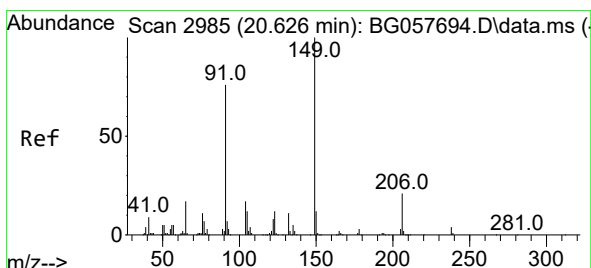
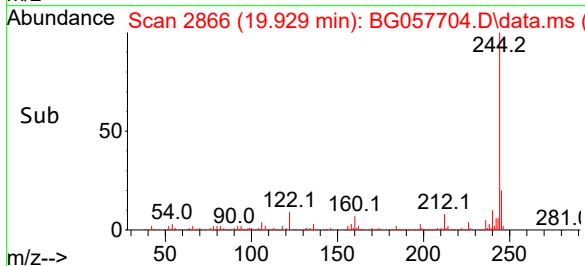
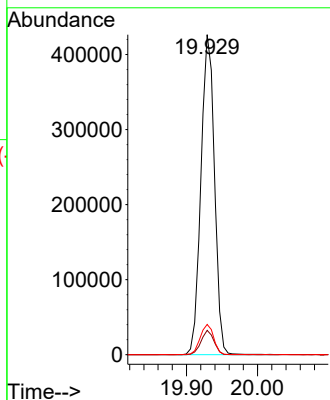
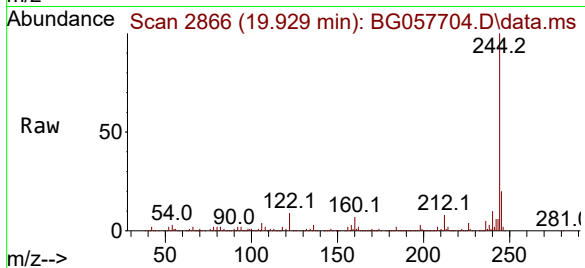
Tgt Ion:244 Resp: 566420

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 9.5 7.7 11.5



#80

Butylbenzylphthalate

Concen: 4.344 ng

RT: 20.628 min Scan# 2985

Delta R.T. 0.002 min

Lab File: BG057704.D

Acq: 14 Jun 2023 12:19

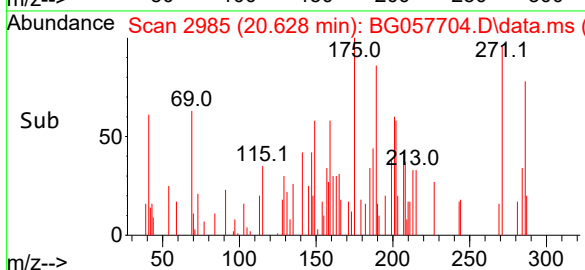
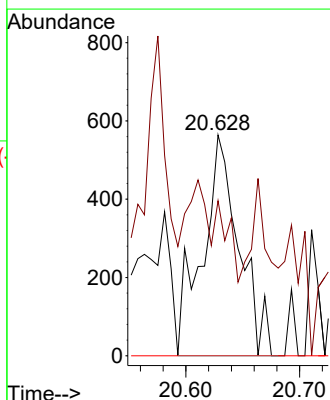
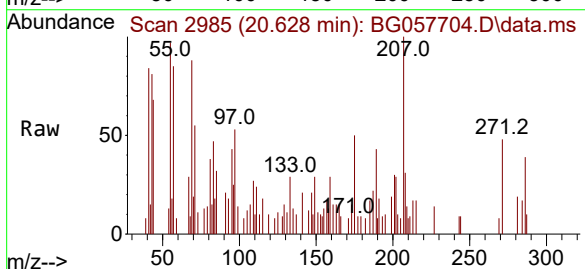
Tgt Ion:149 Resp: 1261

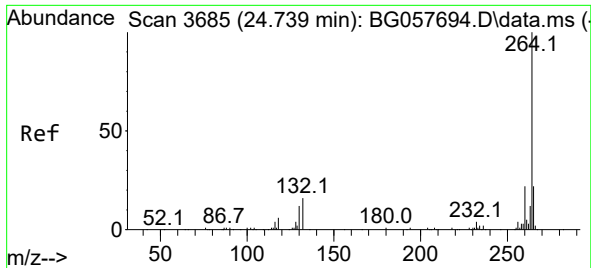
Ion Ratio Lower Upper

149 100

91 70.2 60.8 91.2

206 0.0 16.8 25.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.723 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG057704.D
 Acq: 14 Jun 2023 12:19

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1

Tgt Ion:264 Resp: 219911
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.3 25.9
 265 21.5 17.5 26.3

