

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057706.D
 Acq On : 14 Jun 2023 13:43
 Operator : CG/JU
 Sample : 03166-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-6-12-23

Quant Time: Jun 15 01:21:12 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)

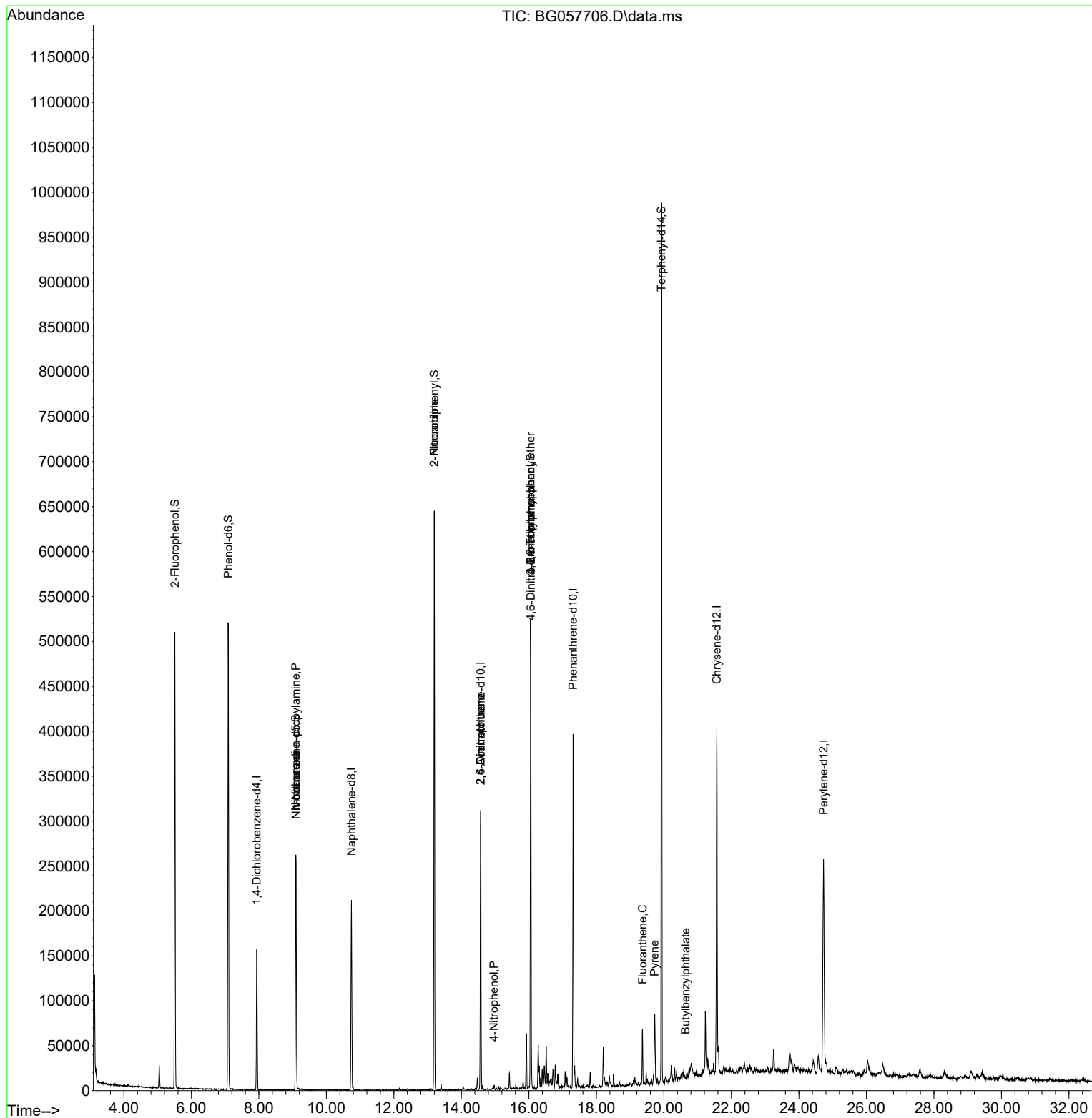
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	39949	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	170446	20.000	ng	0.00
39) Acenaphthene-d10	14.571	164	109609	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	251242	20.000	ng	0.00
76) Chrysene-d12	21.568	240	207578	20.000	ng	0.00
86) Perylene-d12	24.729	264	245695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	204491	83.349	ng	0.00
7) Phenol-d6	7.091	99	283573	75.237	ng	0.00
23) Nitrobenzene-d5	9.095	82	143237	57.779	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	96909	79.248	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	331243	45.047	ng	0.00
79) Terphenyl-d14	19.929	244	473395	42.164	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.095	70	18655	6.845	ng	# 82
24) Nitrobenzene	9.101	77	604	5.253	ng	# 44
48) 2-Nitroaniline	13.196	65	584	4.557	ng	# 1
51) 2,6-Dinitrotoluene	14.565	165	14034	17.508	ng	# 14
56) 4-Nitrophenol	14.964	139	577	4.744	ng	# 1
57) 2,4-Dinitrotoluene	14.565	165	14034	14.540	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.057	198	261	2.145	ng	# 1
67) 4-Bromophenyl-phenylether	16.051	248	6491	2.537	ng	# 1
75) Fluoranthene	19.365	202	35080	2.375	ng	97
78) Pyrene	19.723	202	35236	2.386	ng	100
80) Butylbenzylphthalate	20.640	149	249	4.149	ng	# 21

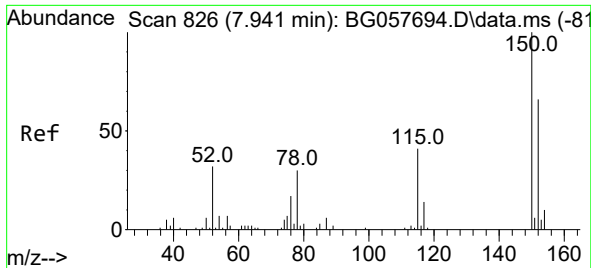
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
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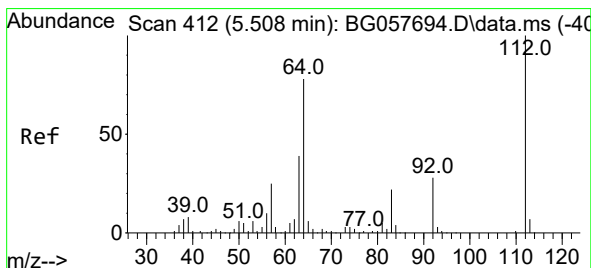
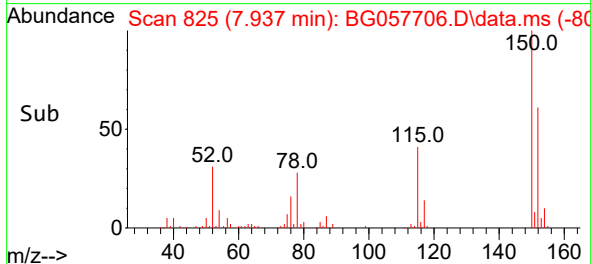
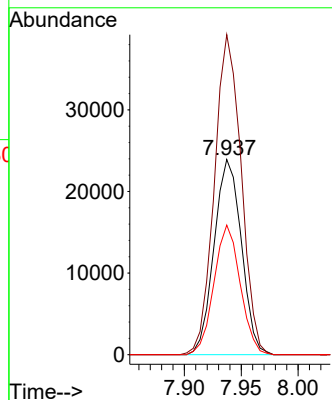
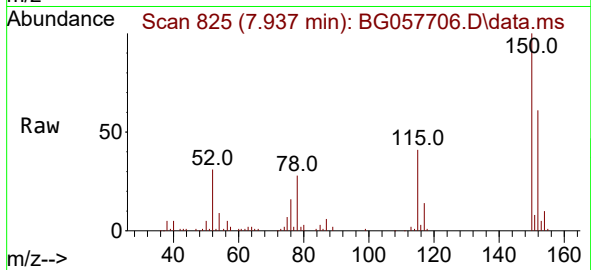




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

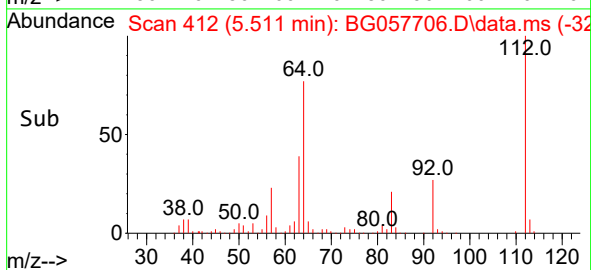
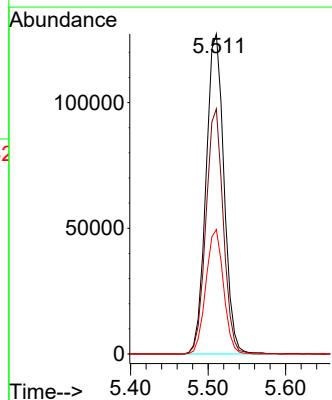
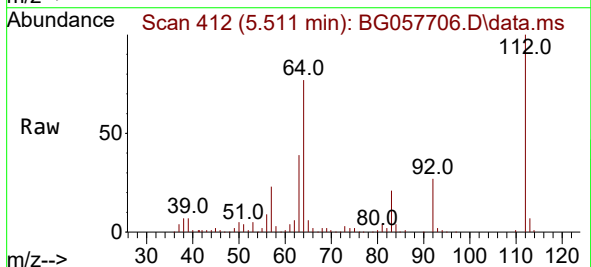
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

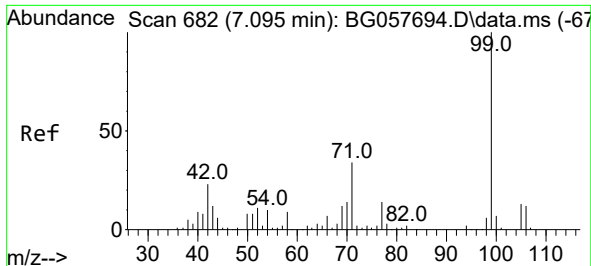
Tgt Ion:152 Resp: 39949
Ion Ratio Lower Upper
152 100
150 163.9 120.8 181.2
115 66.4 49.4 74.2



#5
2-Fluorophenol
Concen: 83.349 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:112 Resp: 204491
Ion Ratio Lower Upper
112 100
64 76.6 62.3 93.5
63 38.9 31.5 47.3

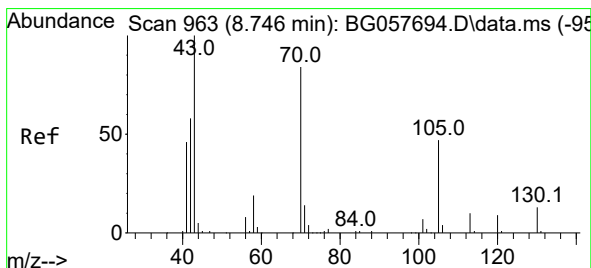
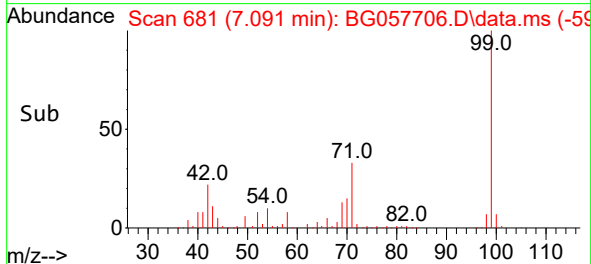
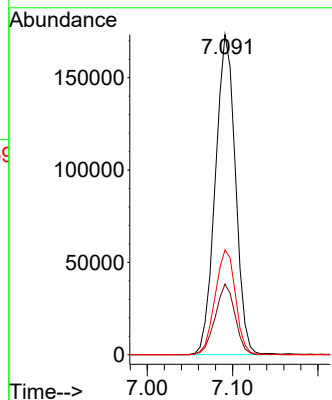
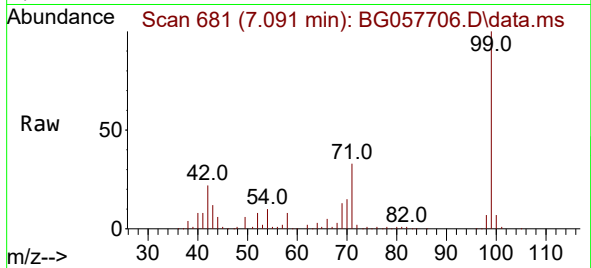




#7
Phenol-d6
Concen: 75.237 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

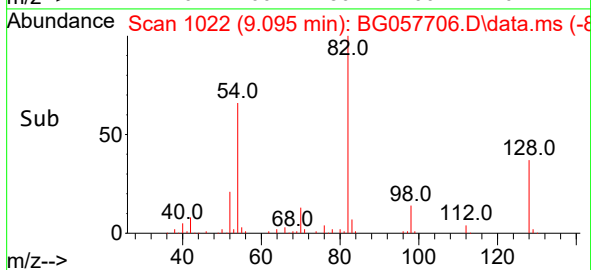
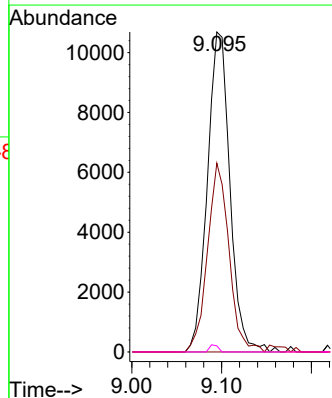
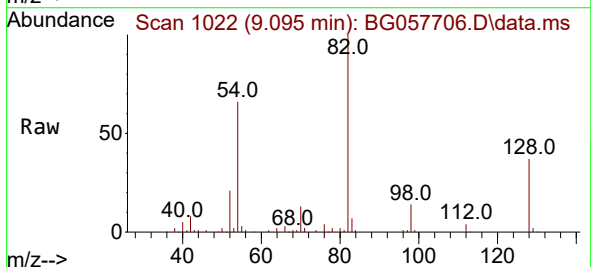
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

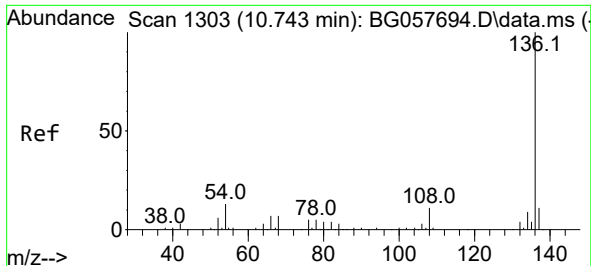
Tgt Ion: 99 Resp: 283573
Ion Ratio Lower Upper
99 100
42 22.0 18.3 27.5
71 32.8 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 6.845 ng
RT: 9.095 min Scan# 1022
Delta R.T. 0.349 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion: 70 Resp: 18655
Ion Ratio Lower Upper
70 100
42 59.0 56.6 84.8
101 0.0 6.2 9.4#
130 1.9 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: BG057706.D

Acq: 14 Jun 2023 13:43

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

Tgt Ion:136 Resp: 170446

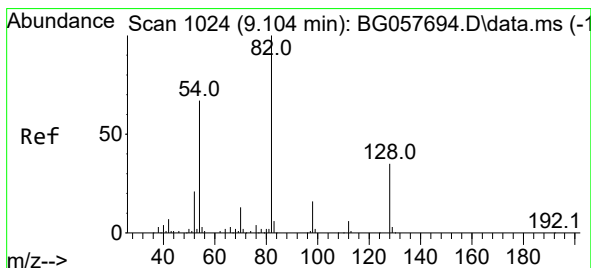
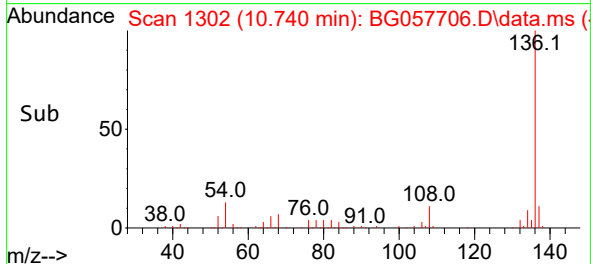
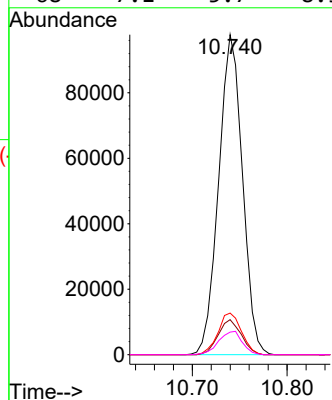
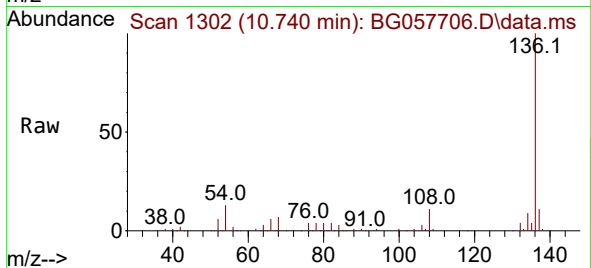
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 13.0 10.8 16.2

68 7.1 5.7 8.5



#23

Nitrobenzene-d5

Concen: 57.779 ng

RT: 9.095 min Scan# 1022

Delta R.T. -0.009 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

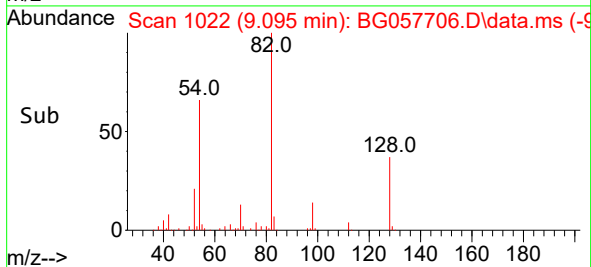
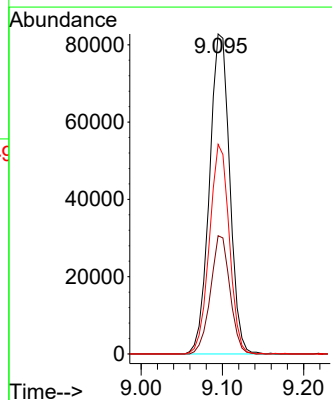
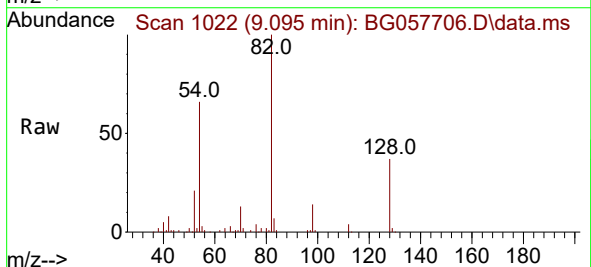
Tgt Ion: 82 Resp: 143237

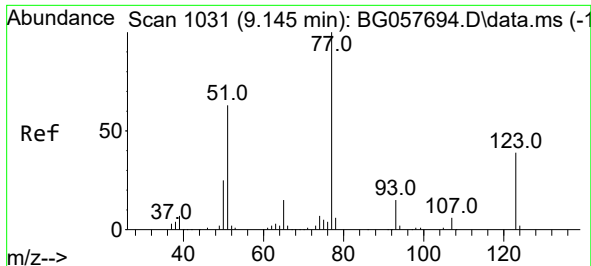
Ion Ratio Lower Upper

82 100

128 37.0 27.7 41.5

54 65.5 53.8 80.8

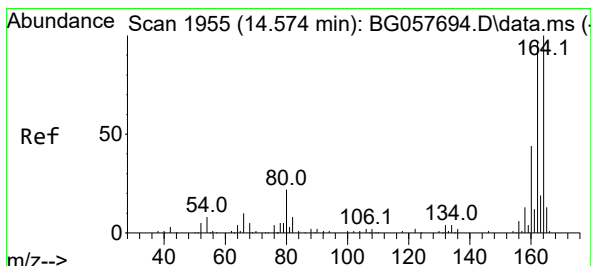
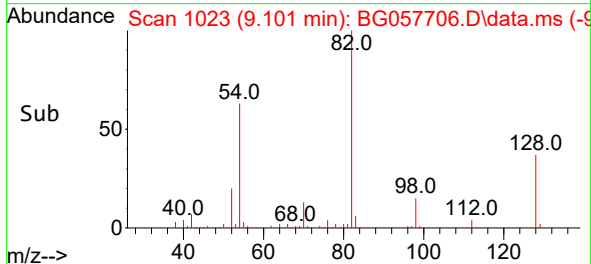
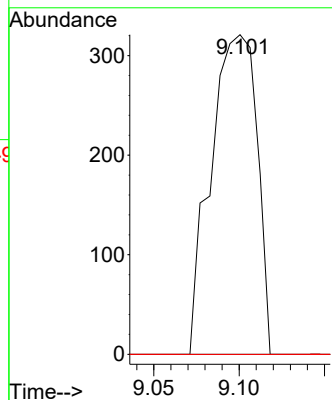
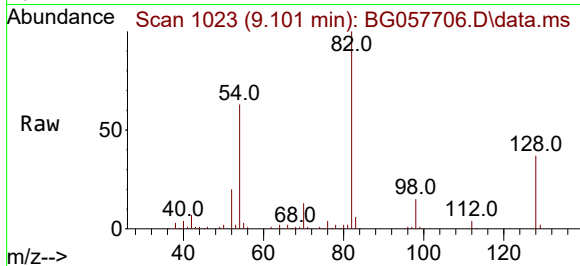




#24
Nitrobenzene
Concen: 5.253 ng
RT: 9.101 min Scan# 1031
Delta R.T. -0.044 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

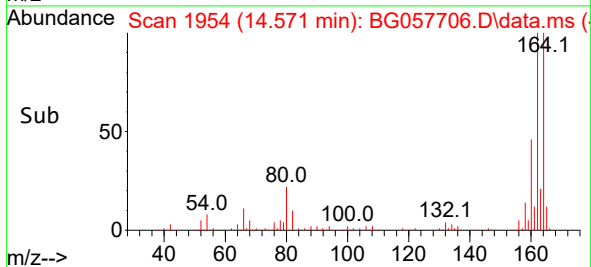
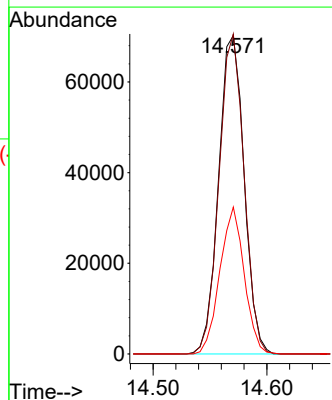
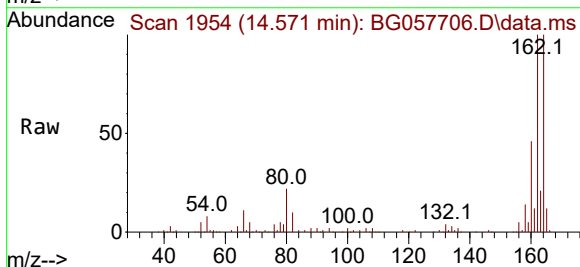
Instrument :
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TEST-PIT-6-12-23

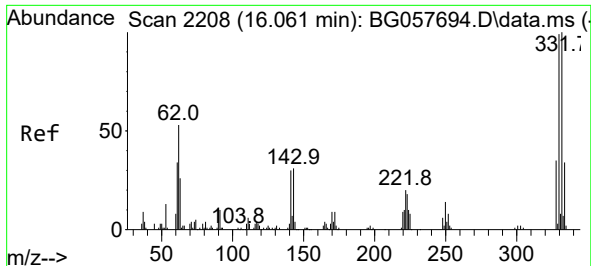
Tgt Ion: 77 Resp: 604
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:164 Resp: 109609
Ion Ratio Lower Upper
164 100
162 100.5 77.7 116.5
160 46.2 35.1 52.7

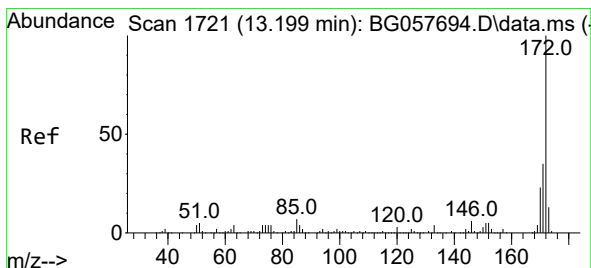
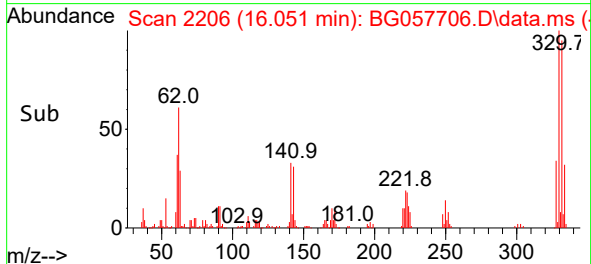
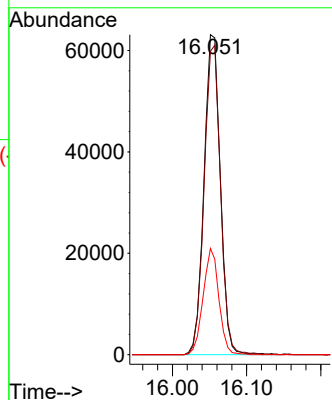
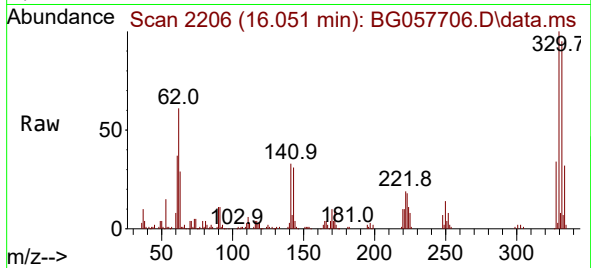




#42
2,4,6-Tribromophenol
Concen: 79.248 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

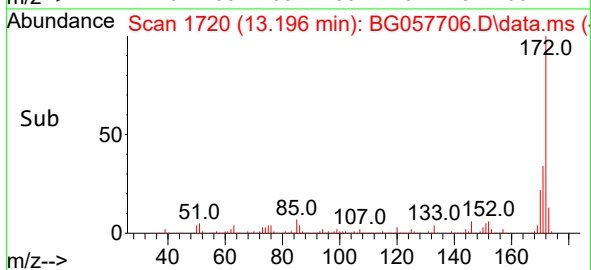
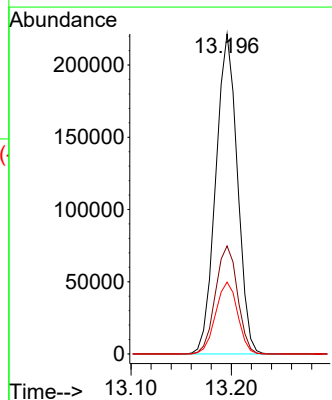
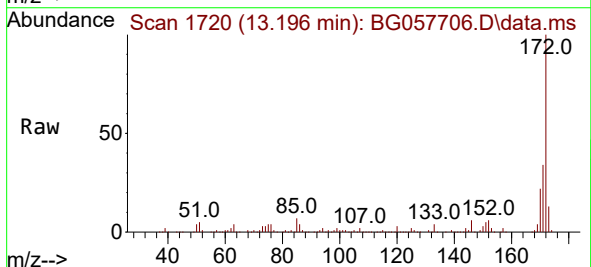
Instrument :
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ClientSampleId :
TEST-PIT-6-12-23

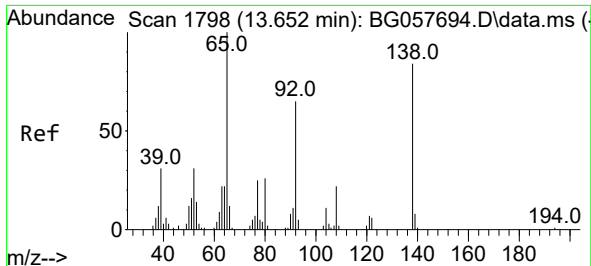
Tgt Ion:330 Resp: 96909
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.6
141 31.9 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 45.047 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:172 Resp: 331243
Ion Ratio Lower Upper
172 100
171 33.8 27.9 41.9
170 22.5 18.2 27.4

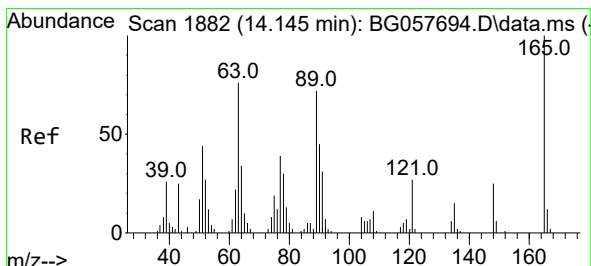
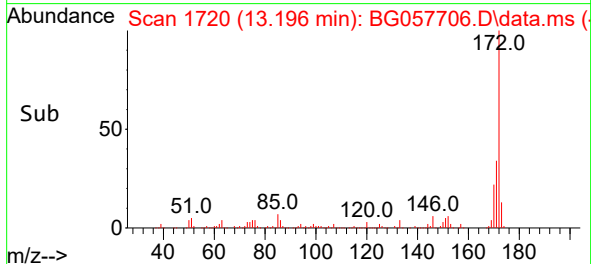
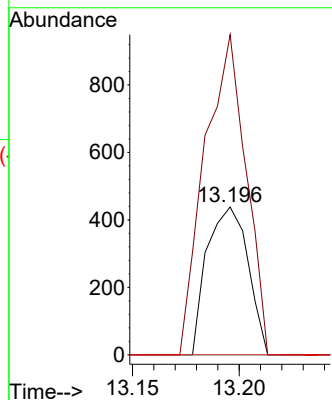
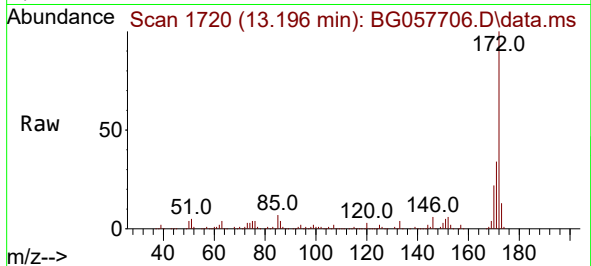




#48
2-Nitroaniline
Concen: 4.557 ng
RT: 13.196 min Scan# 11
Delta R.T. -0.456 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

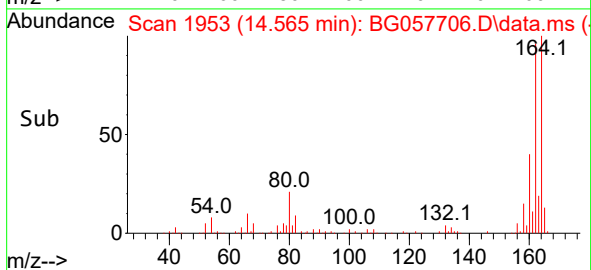
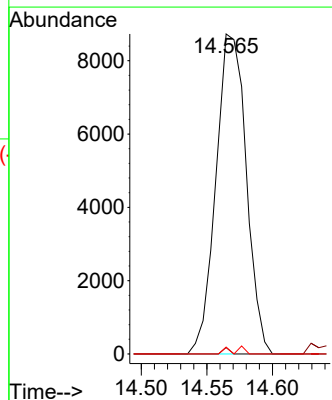
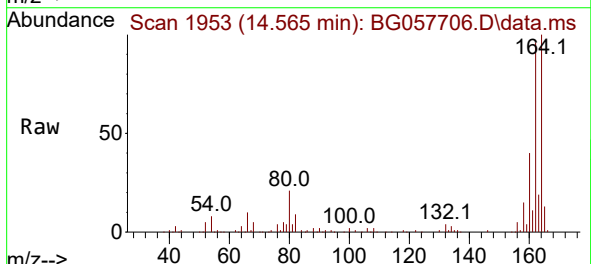
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TEST-PIT-6-12-23

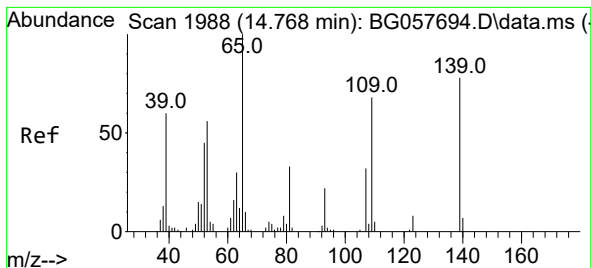
Tgt Ion: 65 Resp: 584
Ion Ratio Lower Upper
65 100
92 216.7 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.508 ng
RT: 14.565 min Scan# 1953
Delta R.T. 0.420 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:165 Resp: 14034
Ion Ratio Lower Upper
165 100
63 2.0 62.3 93.5#
89 2.1 57.4 86.0#

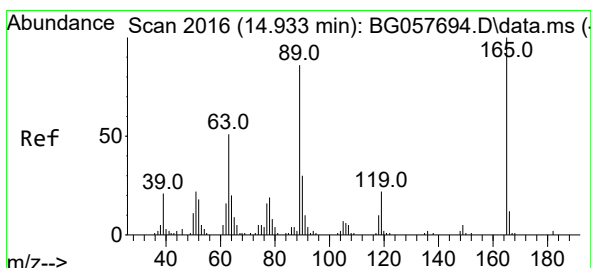
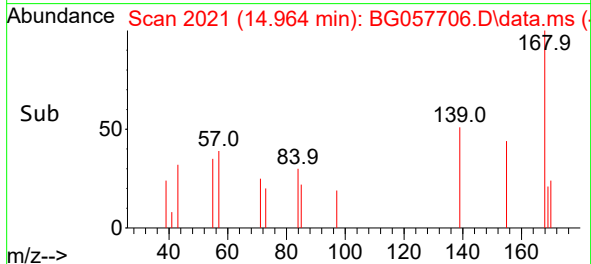
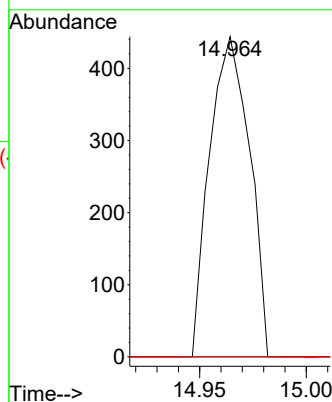
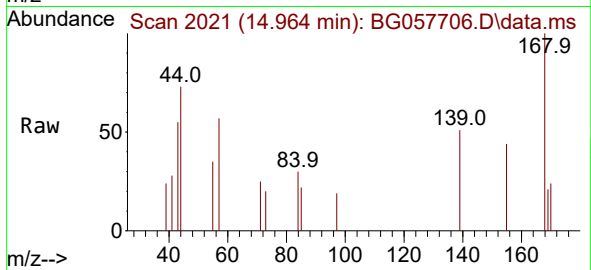




#56
4-Nitrophenol
Concen: 4.744 ng
RT: 14.964 min Scan# 20
Delta R.T. 0.196 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

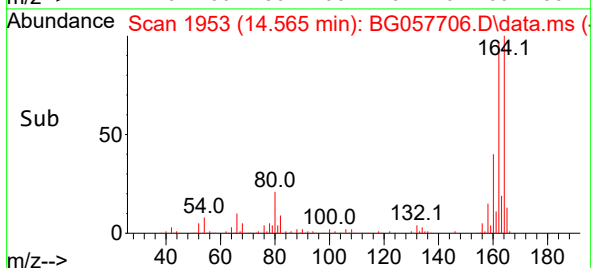
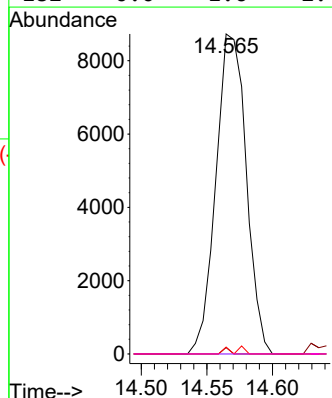
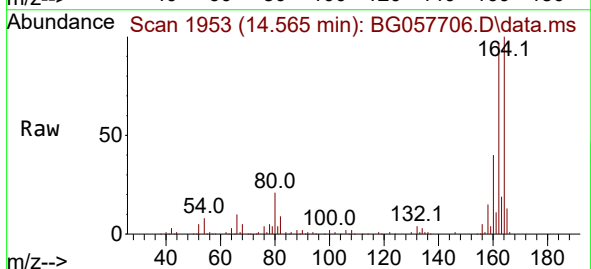
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

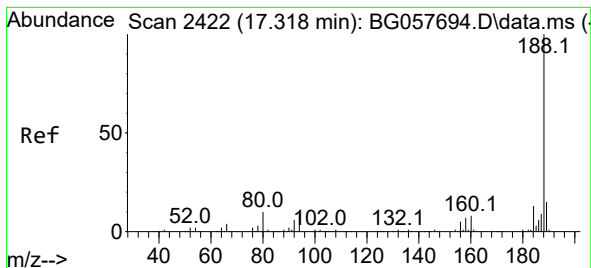
Tgt Ion:139 Resp: 577
Ion Ratio Lower Upper
139 100
109 0.0 67.3 107.3#
65 0.0 108.3 148.3#



#57
2,4-Dinitrotoluene
Concen: 14.540 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.368 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:165 Resp: 14034
Ion Ratio Lower Upper
165 100
63 2.0 40.8 61.2#
89 2.1 68.5 102.7#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

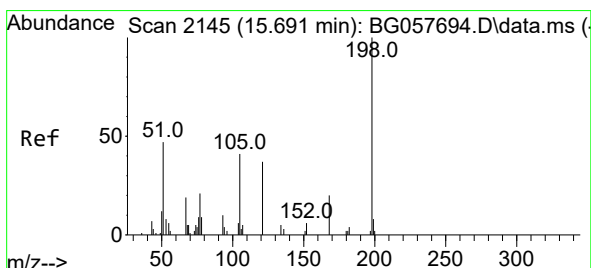
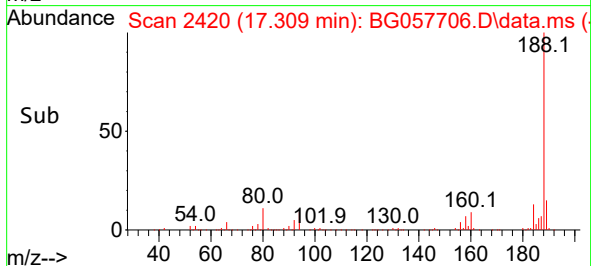
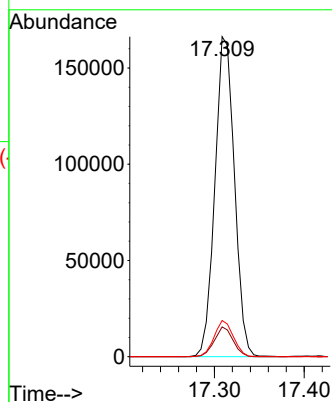
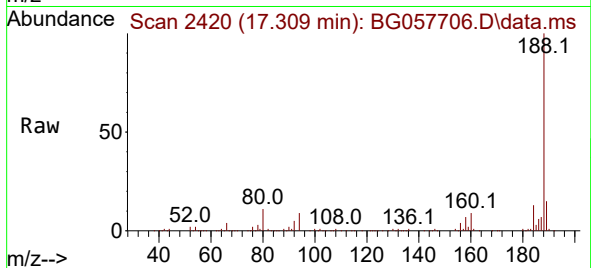
Tgt Ion:188 Resp: 251242

Ion Ratio Lower Upper

188 100

94 9.3 6.9 10.3

80 11.3 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.145 ng

RT: 16.057 min Scan# 2207

Delta R.T. 0.366 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

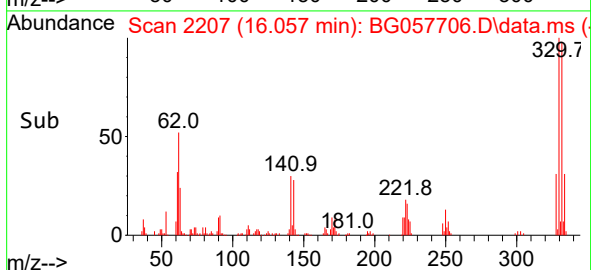
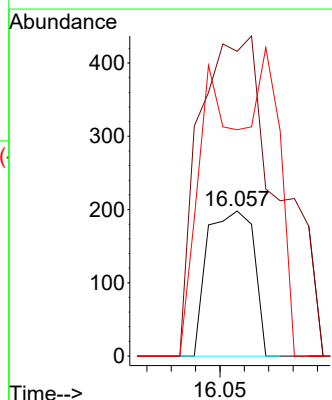
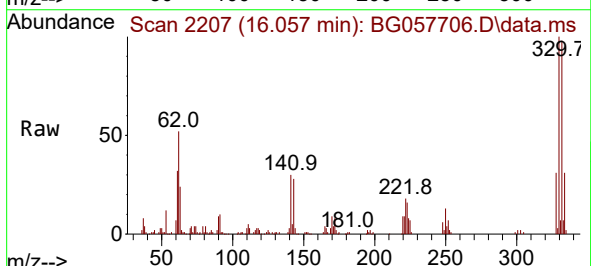
Tgt Ion:198 Resp: 261

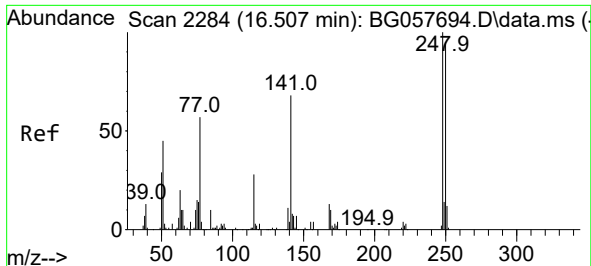
Ion Ratio Lower Upper

198 100

51 210.1 42.0 82.0#

105 156.1 30.9 70.9#

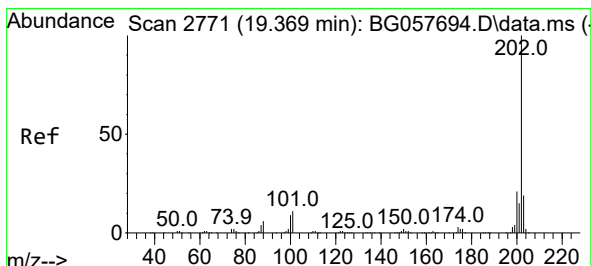
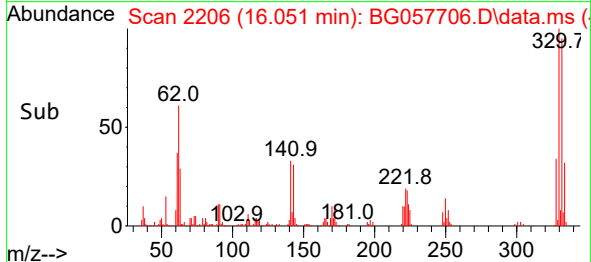
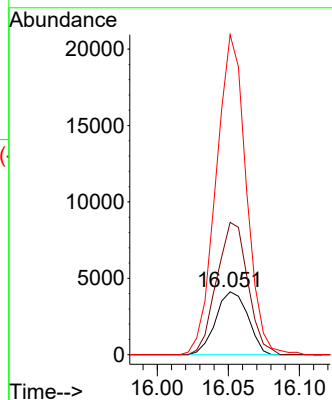
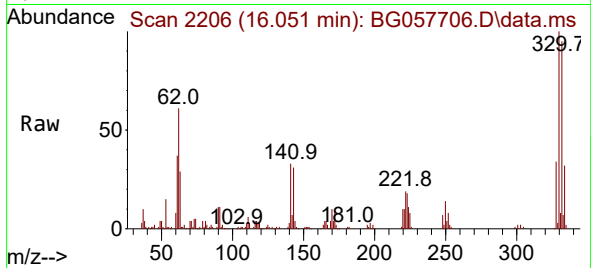




#67
4-Bromophenyl-phenylether
Concen: 2.537 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

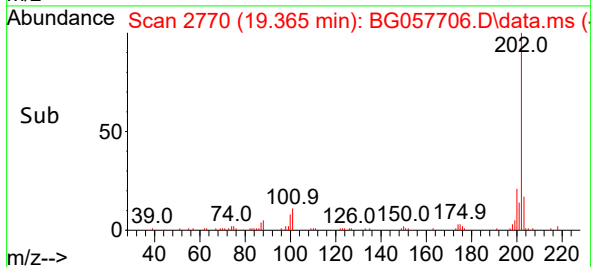
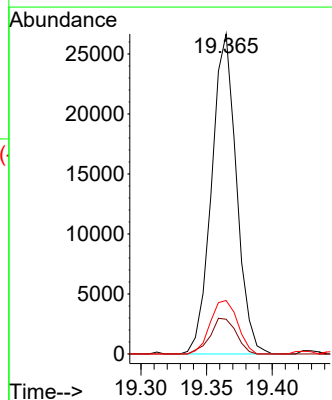
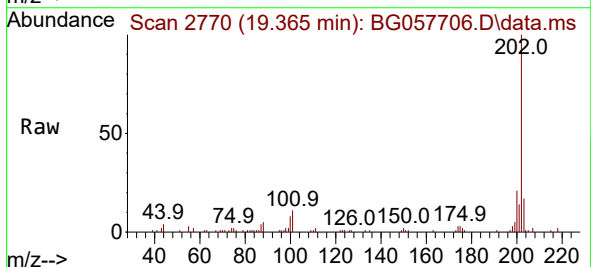
Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23

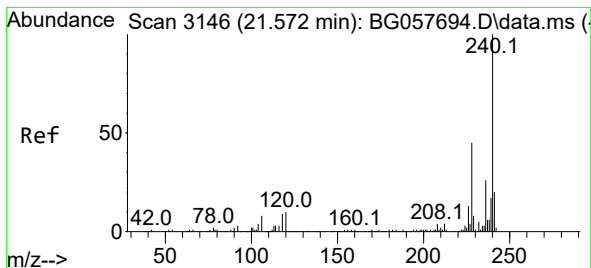
Tgt Ion:248 Resp: 6491
Ion Ratio Lower Upper
248 100
250 210.4 76.3 114.5#
141 508.7 54.6 82.0#



#75
Fluoranthene
Concen: 2.375 ng
RT: 19.365 min Scan# 2770
Delta R.T. -0.004 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Tgt Ion:202 Resp: 35080
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 16.7 0.0 38.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

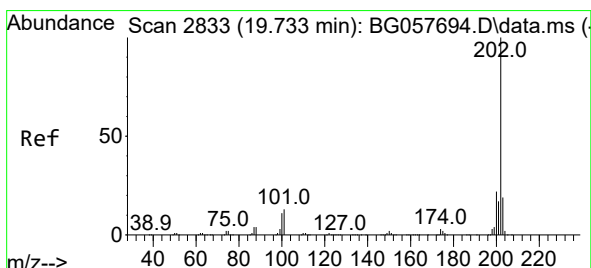
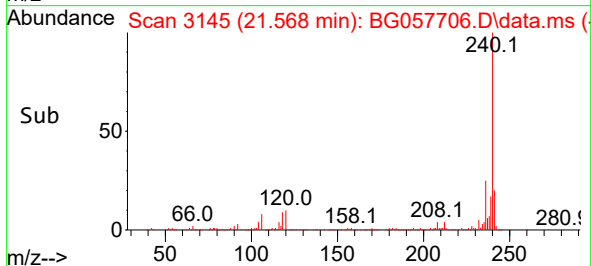
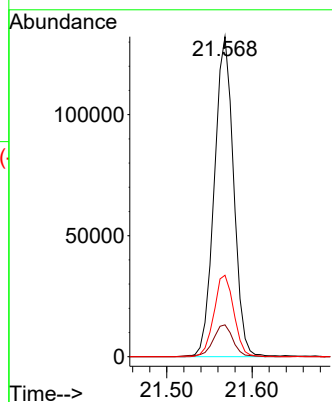
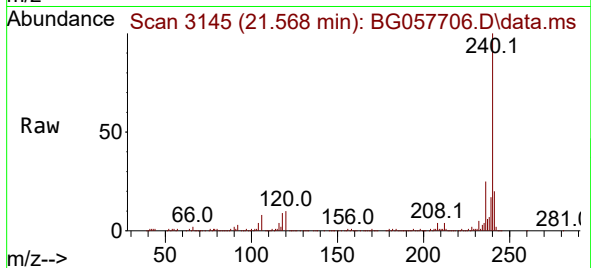
Tgt Ion:240 Resp: 207578

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

236 25.4 20.7 31.1



#78

Pyrene

Concen: 2.386 ng

RT: 19.723 min Scan# 2831

Delta R.T. -0.010 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

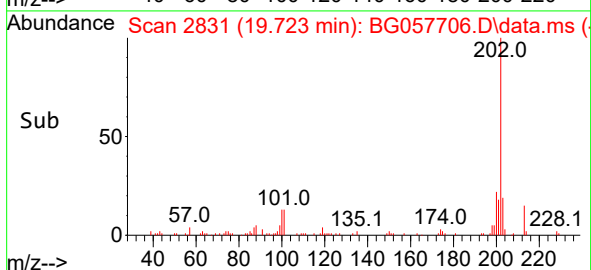
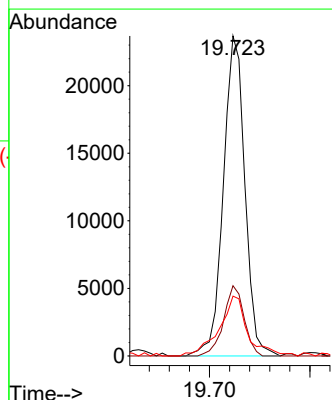
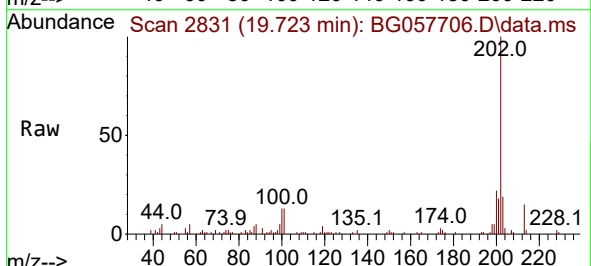
Tgt Ion:202 Resp: 35236

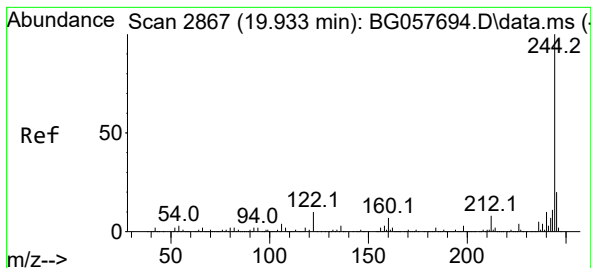
Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.0

203 18.7 14.9 22.3





#79

Terphenyl-d14

Concen: 42.164 ng

RT: 19.929 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-6-12-23

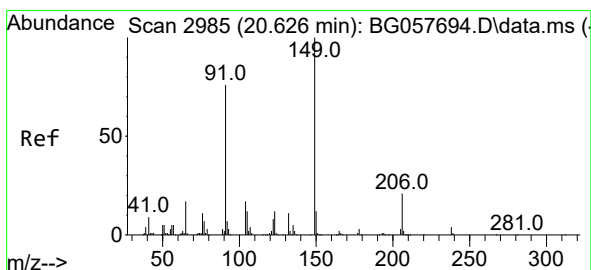
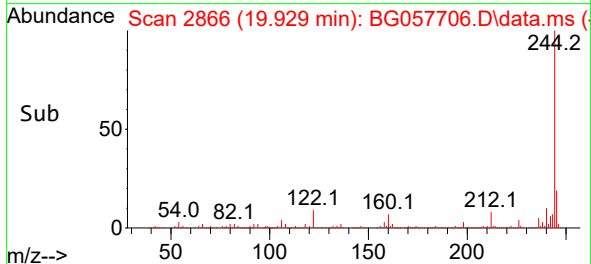
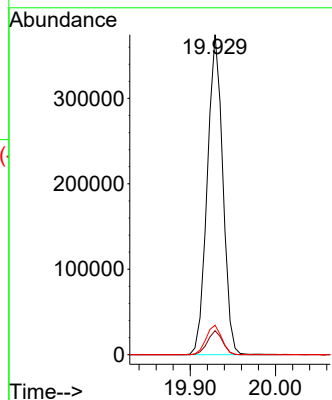
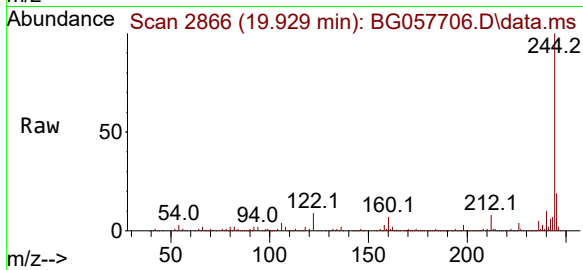
Tgt Ion:244 Resp: 473395

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 4.149 ng

RT: 20.640 min Scan# 2987

Delta R.T. 0.014 min

Lab File: BG057706.D

Acq: 14 Jun 2023 13:43

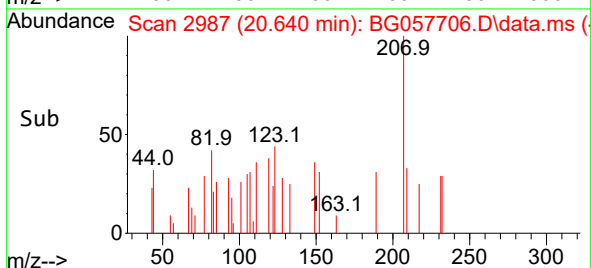
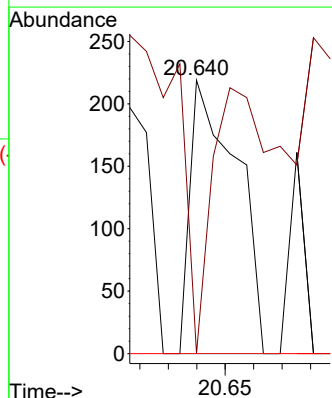
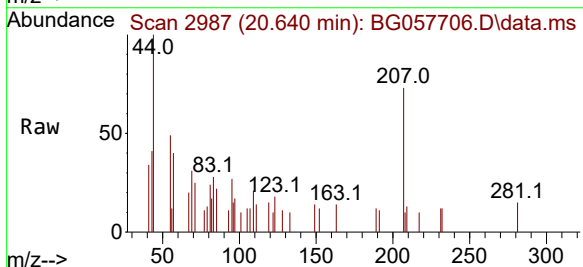
Tgt Ion:149 Resp: 249

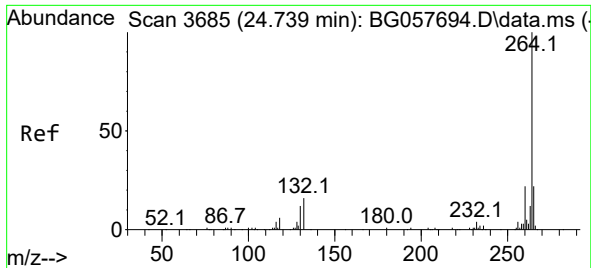
Ion Ratio Lower Upper

149 100

91 0.0 60.8 91.2#

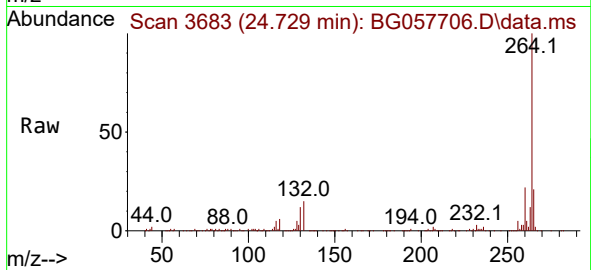
206 0.0 16.8 25.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.729 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG057706.D
Acq: 14 Jun 2023 13:43

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-6-12-23



Tgt Ion:264 Resp: 245695
Ion Ratio Lower Upper
264 100
260 22.3 17.3 25.9
265 21.4 17.5 26.3

