

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
 Data File : BG057715.D
 Acq On : 14 Jun 2023 20:06
 Operator : CG/JU
 Sample : 03074-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GT-GW-1

Quant Time: Jun 15 01:24:20 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)

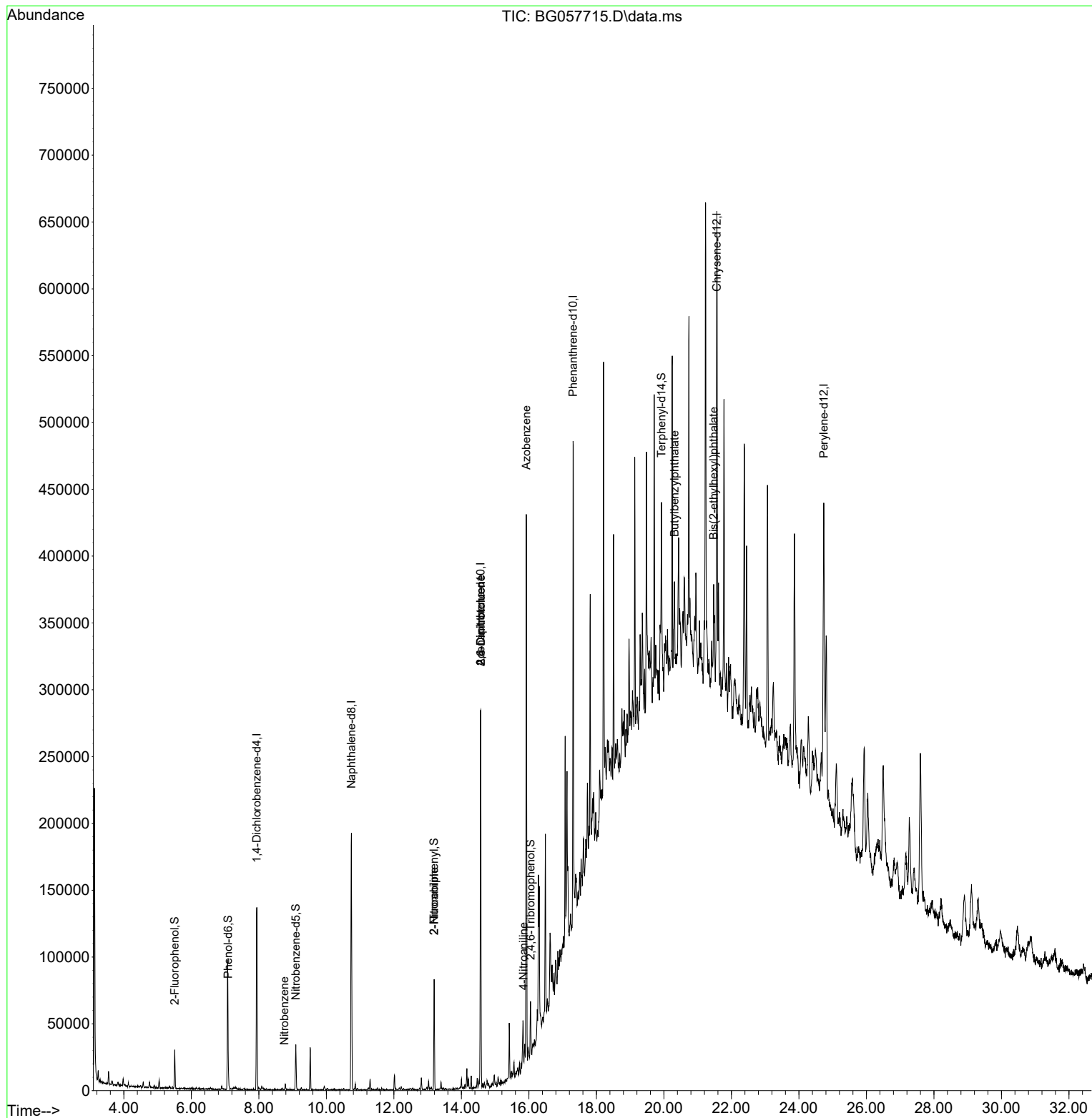
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	36744	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	153496	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	101411	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	223488	20.000	ng	0.00
76) Chrysene-d12	21.569	240	190914	20.000	ng	0.00
86) Perylene-d12	24.736	264	230653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	11408	5.055	ng	0.00
7) Phenol-d6	7.086	99	11872	3.425	ng	0.00
23) Nitrobenzene-d5	9.096	82	17995	20.555	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	6557	5.795	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	43545	6.401	ng	0.00
79) Terphenyl-d14	19.930	244	58986	5.712	ng	0.00
Target Compounds						Qvalue
24) Nitrobenzene	8.755	77	54	5.094	ng	# 44
48) 2-Nitroaniline	13.191	65	89	4.137	ng	# 12
51) 2,6-Dinitrotoluene	14.571	165	12777	17.313	ng	# 13
57) 2,4-Dinitrotoluene	14.571	165	12777	14.385	ng	# 17
62) 4-Nitroaniline	15.835	138	65	4.579	ng	# 9
63) Azobenzene	15.923	77	113598	13.764	ng	# 1
80) Butylbenzylphthalate	20.312	149	1033	4.298	ng	91
84) Bis(2-ethylhexyl)phtha...	21.475	149	29303	4.379	ng	96

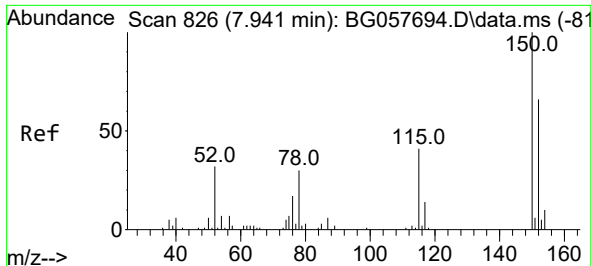
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061423\
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Quant Time: Jun 15 01:24:20 2023
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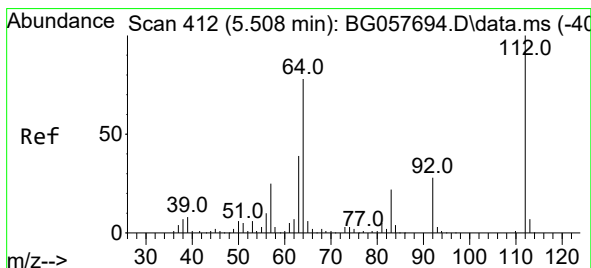
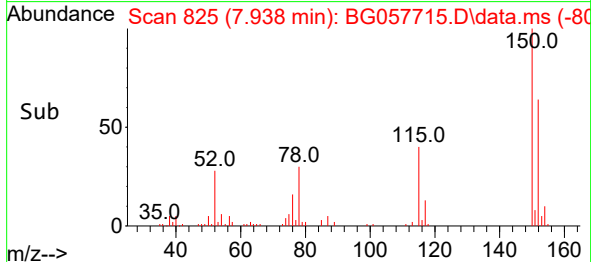
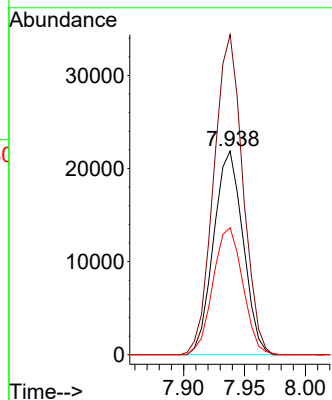
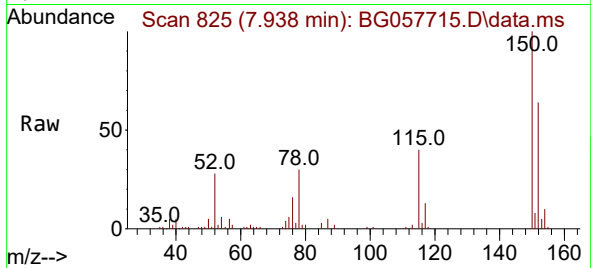




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.938 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

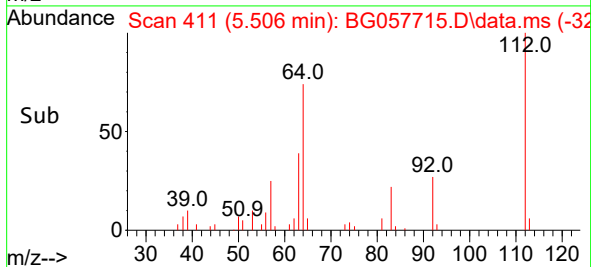
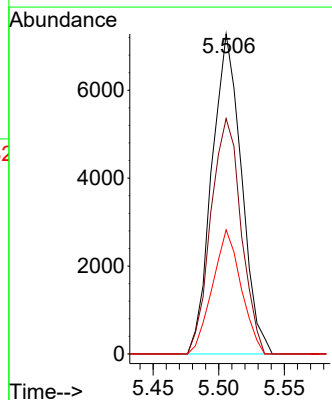
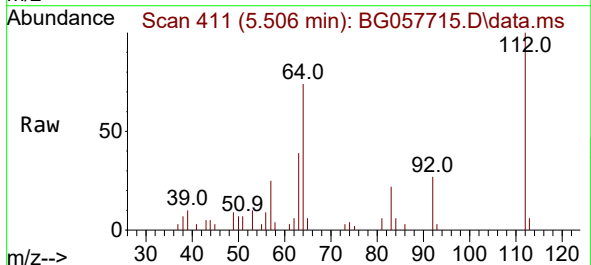
Instrument :
BNA_G
ClientSampleId :
GT-GW-1

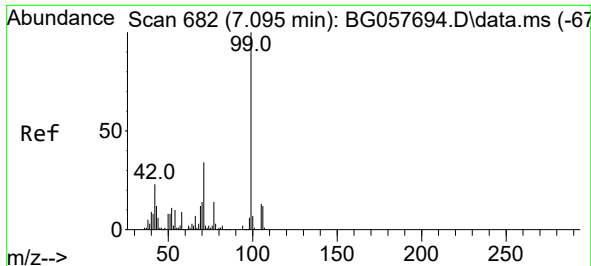
Tgt Ion:152 Resp: 36744
Ion Ratio Lower Upper
152 100
150 157.2 120.8 181.2
115 62.3 49.4 74.2



#5
2-Fluorophenol
Concen: 5.055 ng
RT: 5.506 min Scan# 411
Delta R.T. -0.003 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

Tgt Ion:112 Resp: 11408
Ion Ratio Lower Upper
112 100
64 73.6 62.3 93.5
63 38.8 31.5 47.3

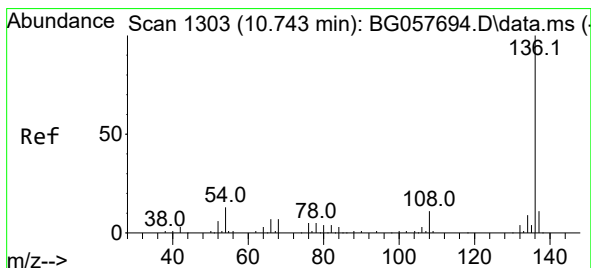
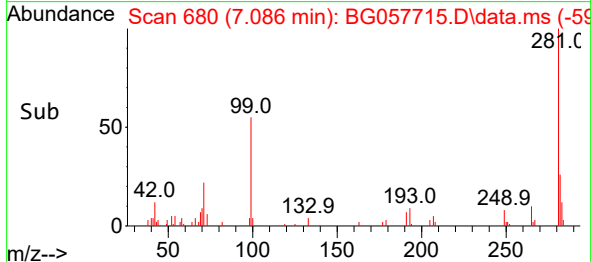
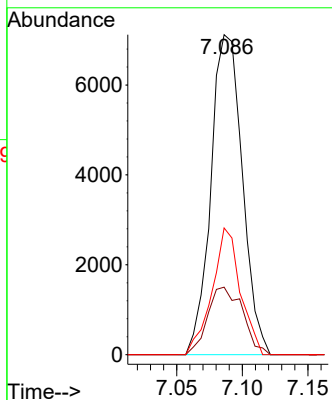
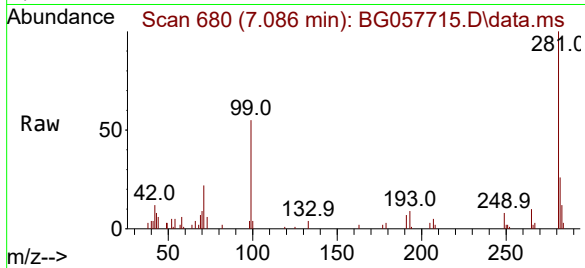




#7
Phenol-d6
Concen: 3.425 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

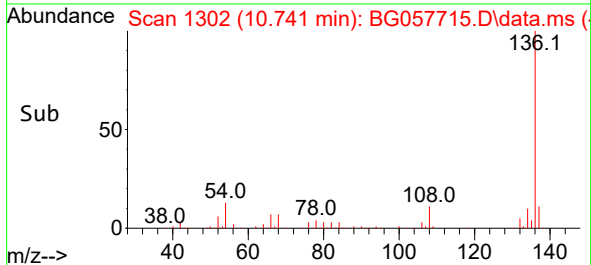
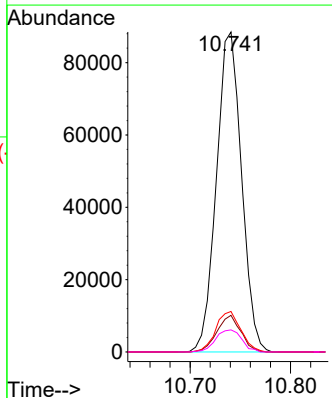
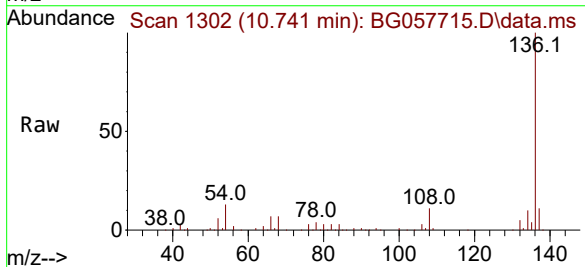
Instrument :
BNA_G
ClientSampleId :
GT-GW-1

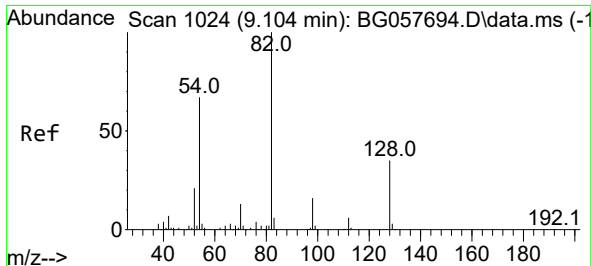
Tgt Ion: 99 Resp: 11872
Ion Ratio Lower Upper
99 100
42 21.1 18.3 27.5
71 39.6 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1302
Delta R.T. -0.002 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

Tgt Ion: 136 Resp: 153496
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 12.7 10.8 16.2
68 6.9 5.7 8.5

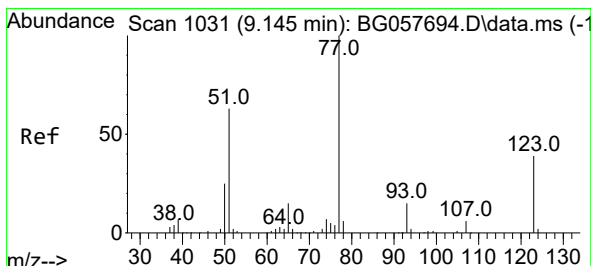
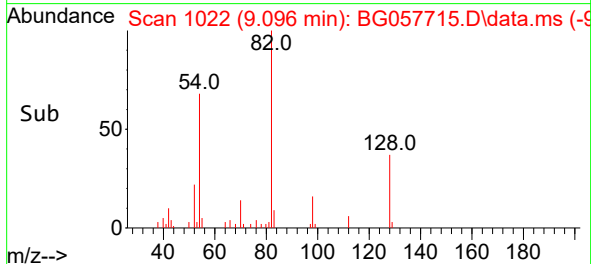
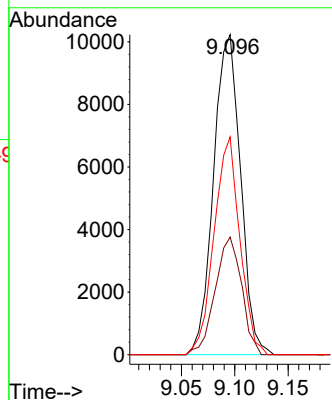
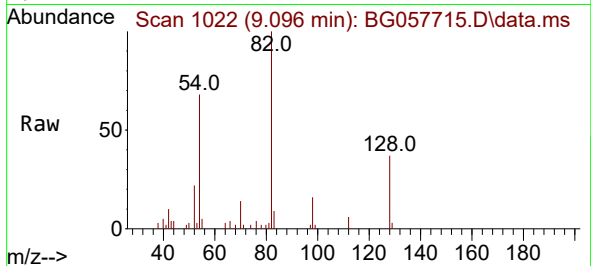




#23
Nitrobenzene-d5
Concen: 20.555 ng
RT: 9.096 min Scan# 1022
Delta R.T. -0.008 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

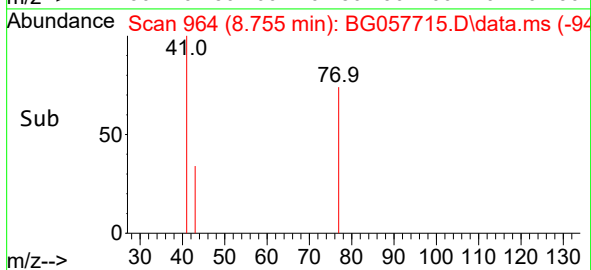
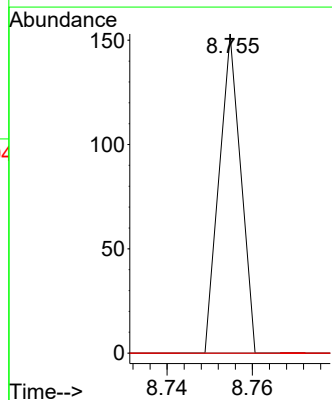
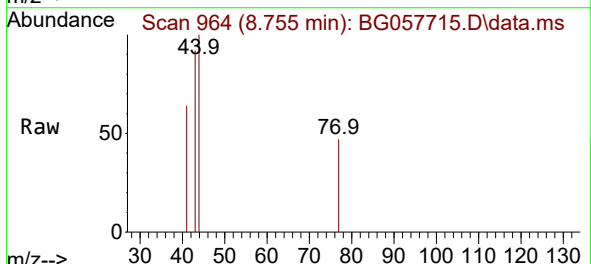
Instrument :
BNA_G
ClientSampleId :
GT-GW-1

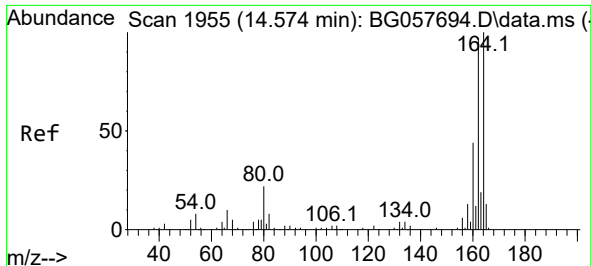
Tgt Ion: 82 Resp: 17995
Ion Ratio Lower Upper
82 100
128 36.8 27.7 41.5
54 68.1 53.8 80.8



#24
Nitrobenzene
Concen: 5.094 ng
RT: 8.755 min Scan# 964
Delta R.T. -0.390 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

Tgt Ion: 77 Resp: 54
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#

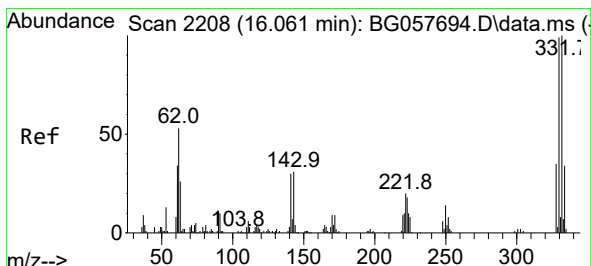
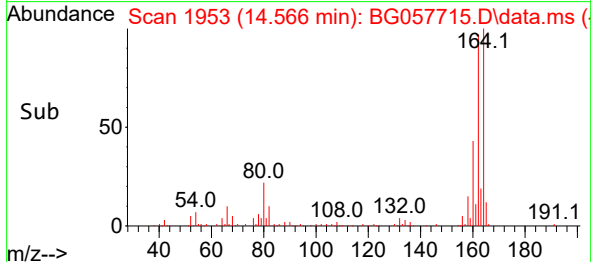
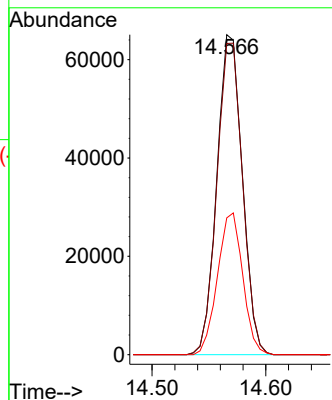
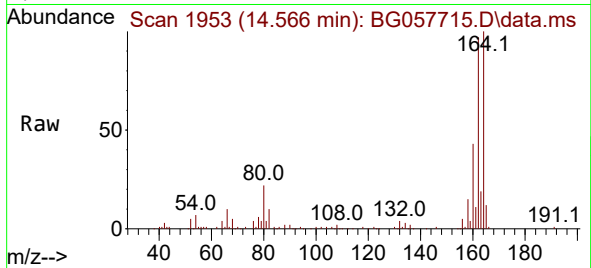




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.566 min Scan# 1953
Delta R.T. -0.008 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

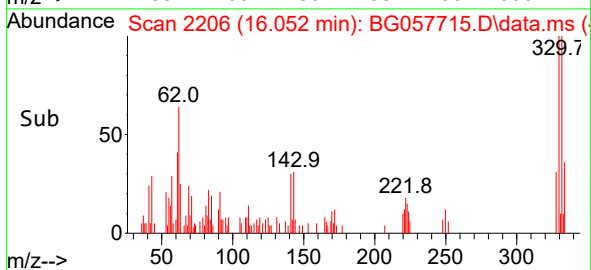
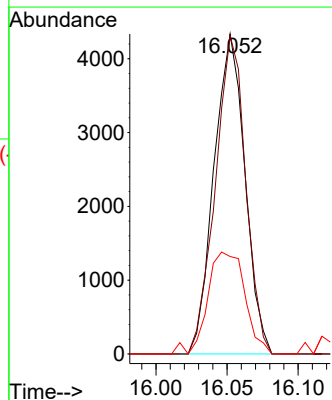
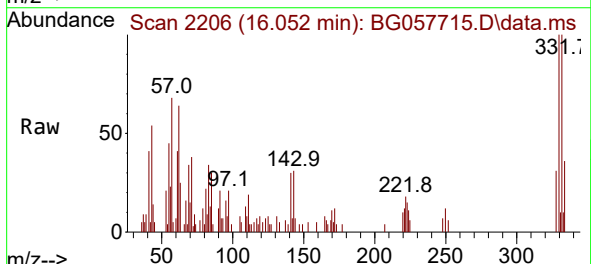
Instrument :
BNA_G
ClientSampleId :
GT-GW-1

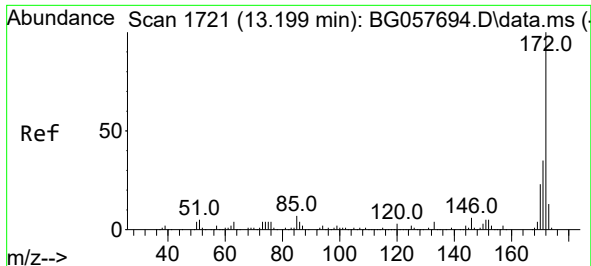
Tgt Ion:164 Resp: 101411
Ion Ratio Lower Upper
164 100
162 97.2 77.7 116.5
160 42.7 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 5.795 ng
RT: 16.052 min Scan# 2206
Delta R.T. -0.009 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

Tgt Ion:330 Resp: 6557
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.6
141 38.4 25.0 37.6#

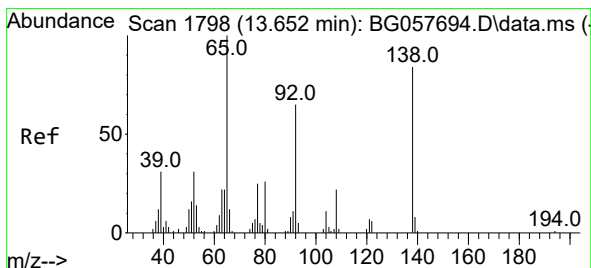
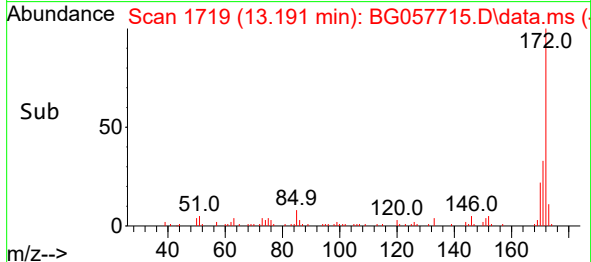
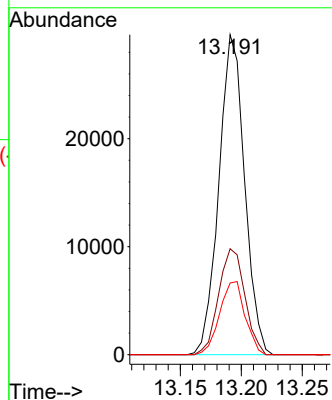
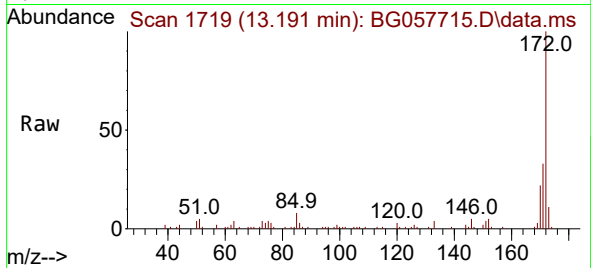




#45
2-Fluorobiphenyl
Concen: 6.401 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.009 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

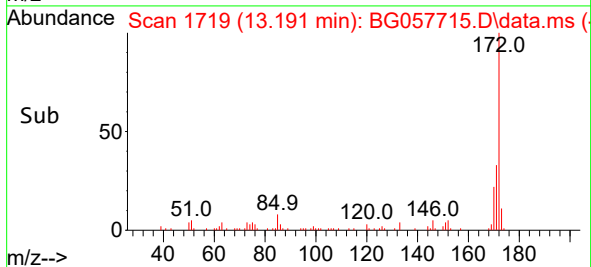
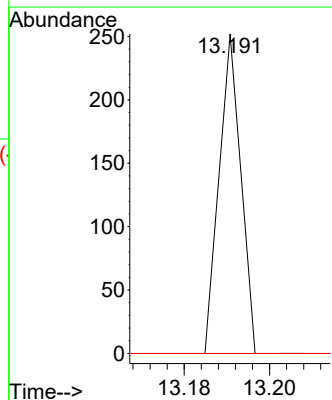
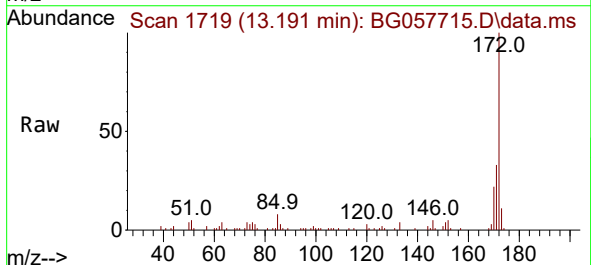
Instrument :
BNA_G
ClientSampleId :
GT-GW-1

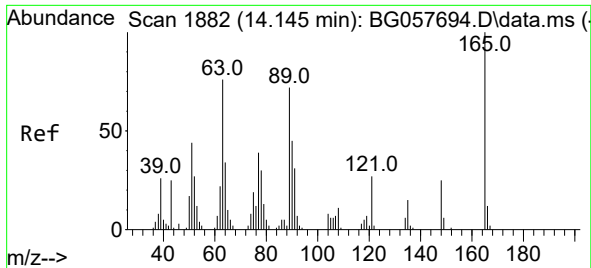
Tgt Ion:172 Resp: 43545
Ion Ratio Lower Upper
172 100
171 33.1 27.9 41.9
170 22.4 18.2 27.4



#48
2-Nitroaniline
Concen: 4.137 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.461 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

Tgt Ion: 65 Resp: 89
Ion Ratio Lower Upper
65 100
92 0.0 52.2 78.4#
138 0.0 67.0 100.4#

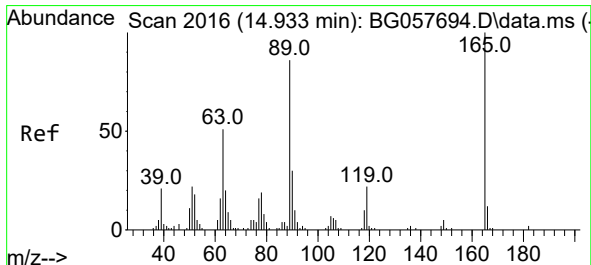
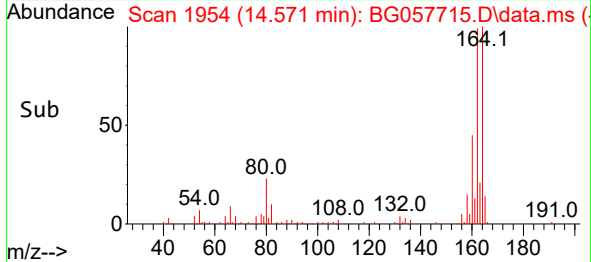
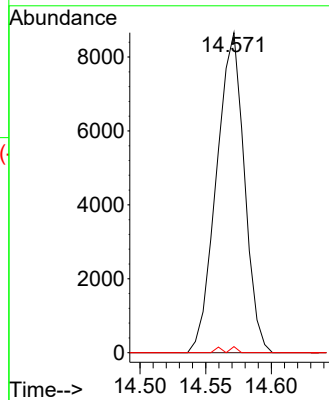
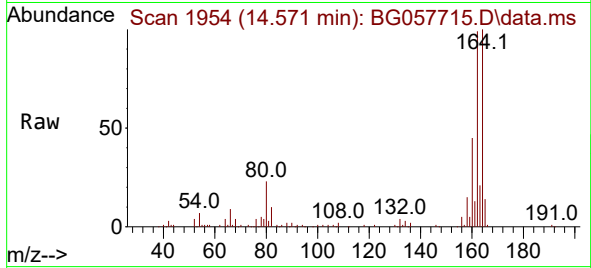




#51
2,6-Dinitrotoluene
Concen: 17.313 ng
RT: 14.571 min Scan# 1954
Delta R.T. 0.426 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

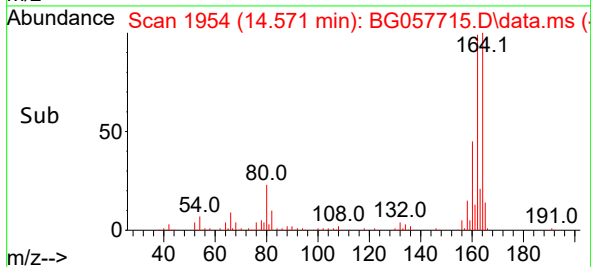
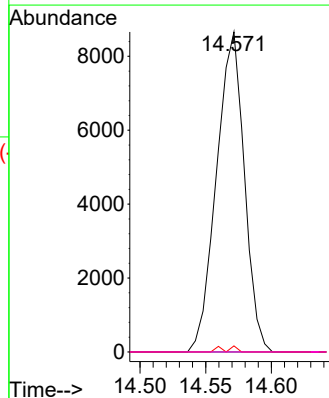
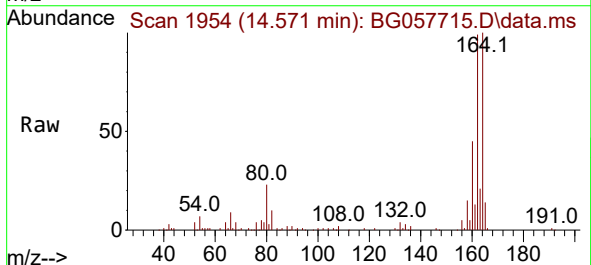
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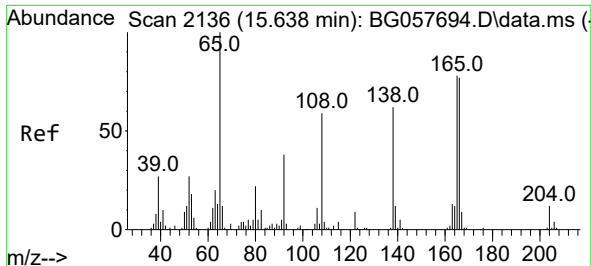
Tgt Ion:165 Resp: 12777
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 1.9 57.4 86.0#



#57
2,4-Dinitrotoluene
Concen: 14.385 ng
RT: 14.571 min Scan# 1954
Delta R.T. -0.362 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

Tgt Ion:165 Resp: 12777
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 1.9 68.5 102.7#
182 0.0 1.6 2.4#

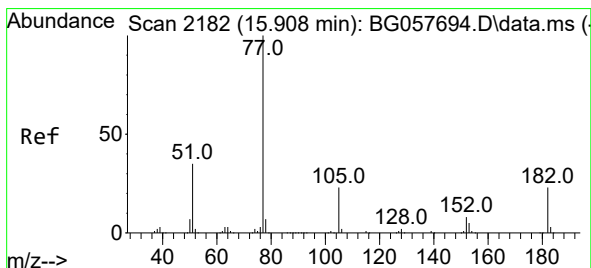
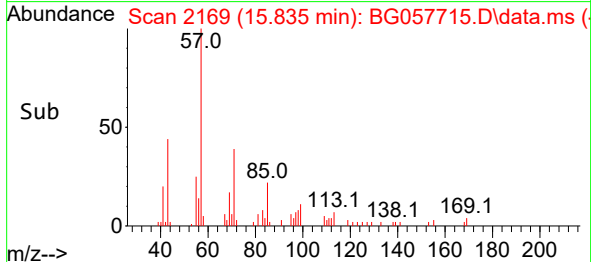
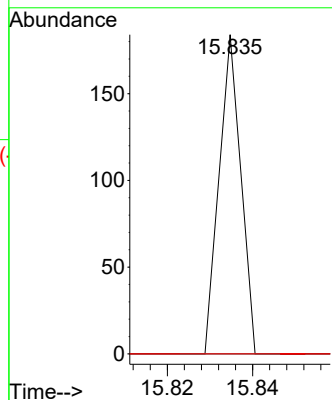
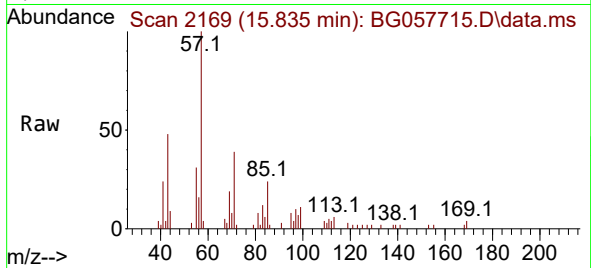




#62
4-Nitroaniline
Concen: 4.579 ng
RT: 15.835 min Scan# 2136
Delta R.T. 0.197 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

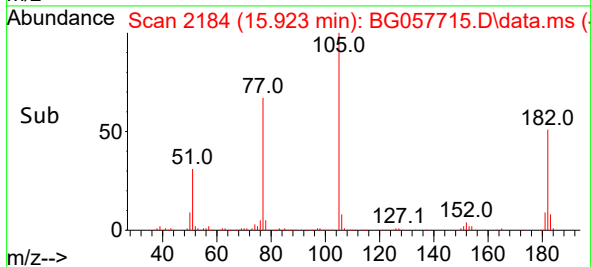
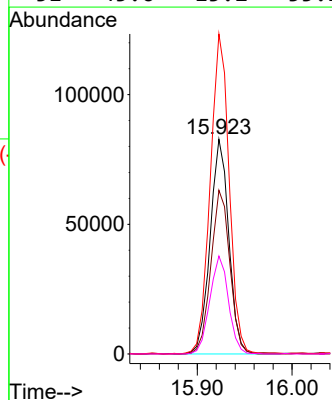
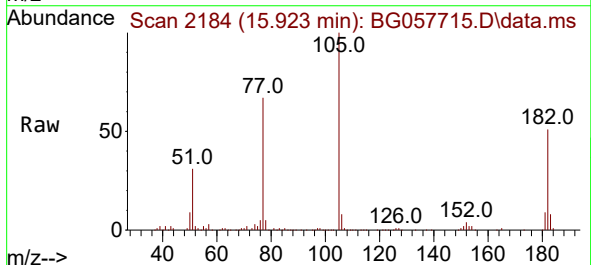
Instrument :
BNA_G
ClientSampleId :
GT-GW-1

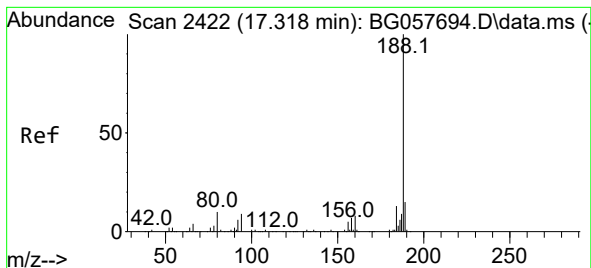
Tgt Ion:138 Resp: 65
Ion Ratio Lower Upper
138 100
92 0.0 41.6 81.6#
108 0.0 74.8 114.8#



#63
Azobenzene
Concen: 13.764 ng
RT: 15.923 min Scan# 2184
Delta R.T. 0.015 min
Lab File: BG057715.D
Acq: 14 Jun 2023 20:06

Tgt Ion: 77 Resp: 113598
Ion Ratio Lower Upper
77 100
182 76.2 3.2 43.2#
105 149.0 3.3 43.3#
51 45.6 15.2 55.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG057715.D

Acq: 14 Jun 2023 20:06

Instrument :

BNA_G

ClientSampleId :

GT-GW-1

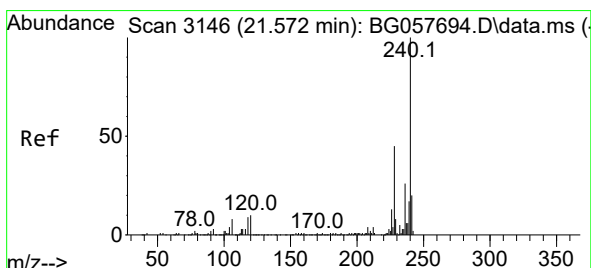
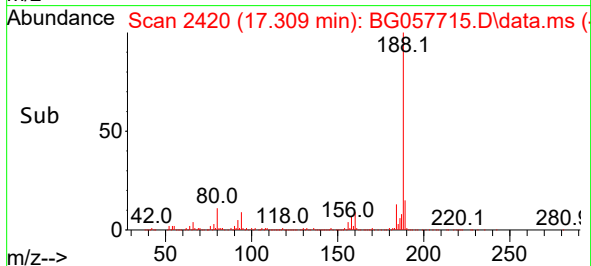
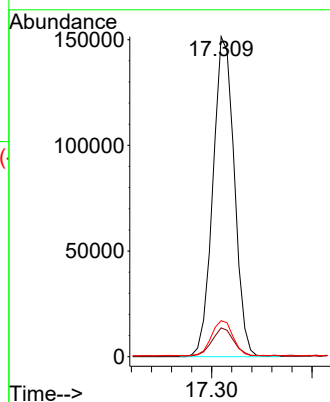
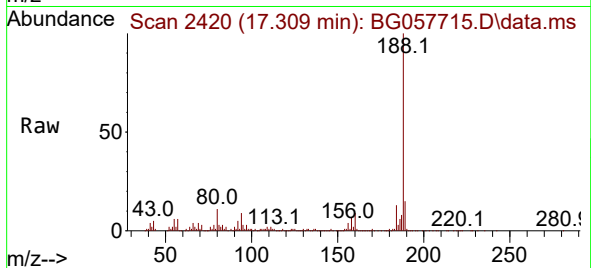
Tgt Ion:188 Resp: 223488

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 11.3 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3145

Delta R.T. -0.003 min

Lab File: BG057715.D

Acq: 14 Jun 2023 20:06

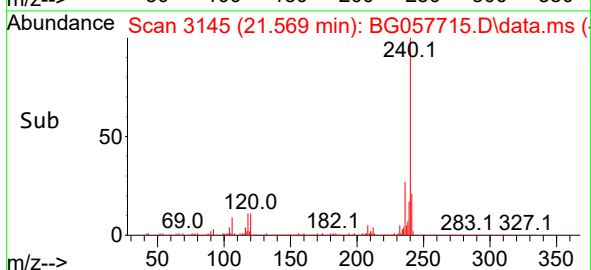
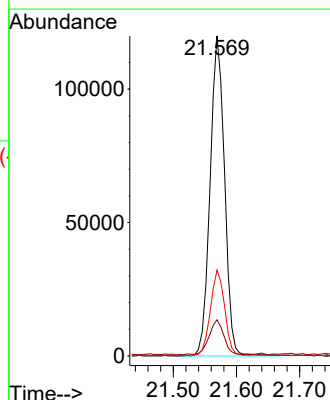
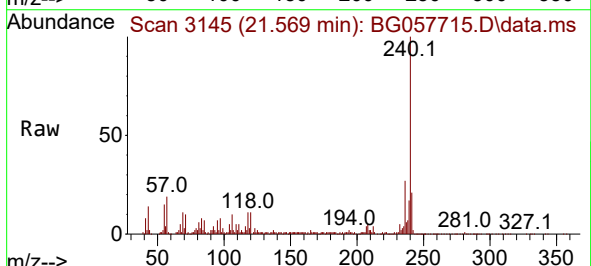
Tgt Ion:240 Resp: 190914

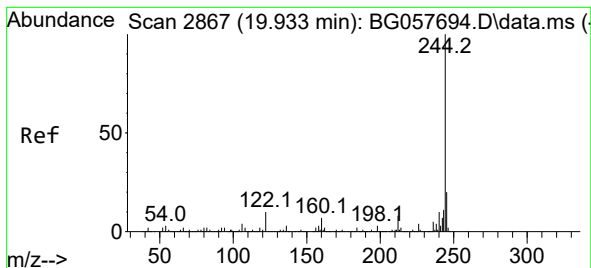
Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

236 26.8 20.7 31.1





#79

Terphenyl-d14

Concen: 5.712 ng

RT: 19.930 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057715.D

Acq: 14 Jun 2023 20:06

Instrument :

BNA_G

ClientSampleId :

GT-GW-1

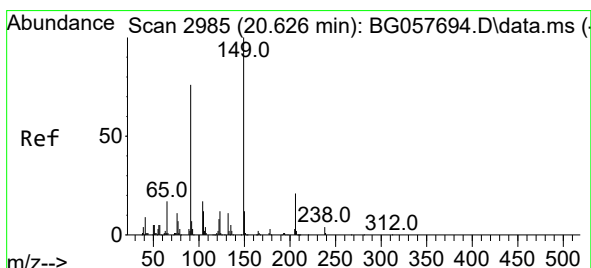
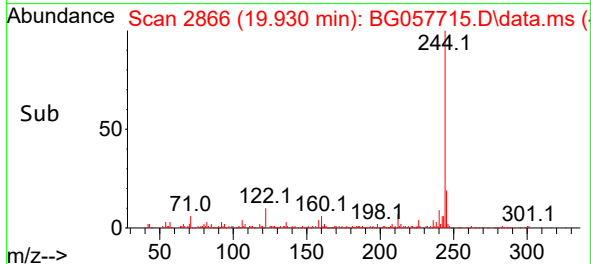
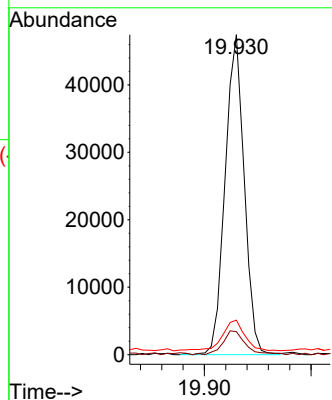
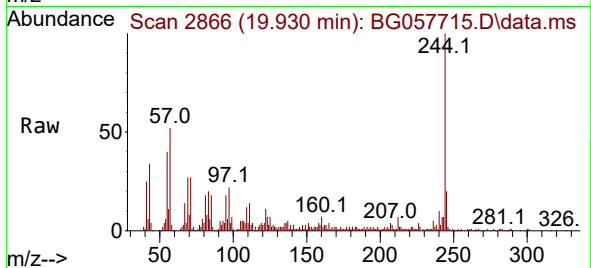
Tgt Ion:244 Resp: 58986

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 4.298 ng

RT: 20.312 min Scan# 2931

Delta R.T. -0.314 min

Lab File: BG057715.D

Acq: 14 Jun 2023 20:06

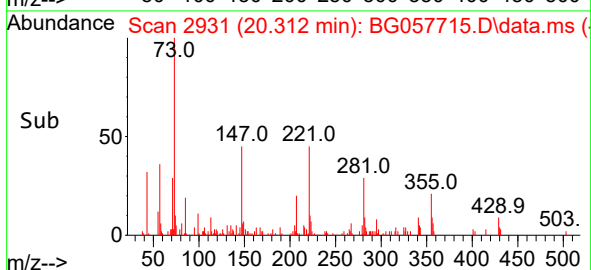
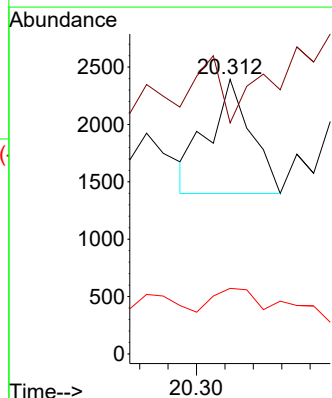
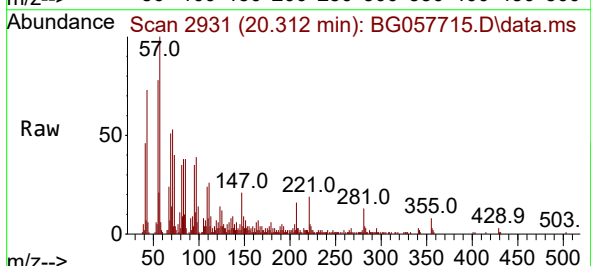
Tgt Ion:149 Resp: 1033

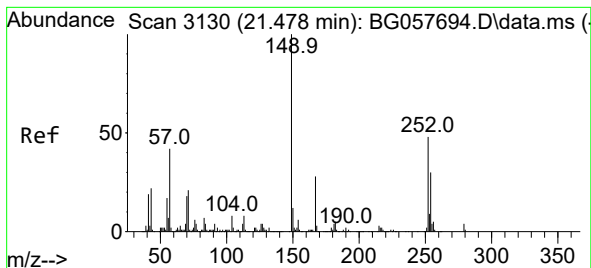
Ion Ratio Lower Upper

149 100

91 84.1 60.8 91.2

206 23.9 16.8 25.2

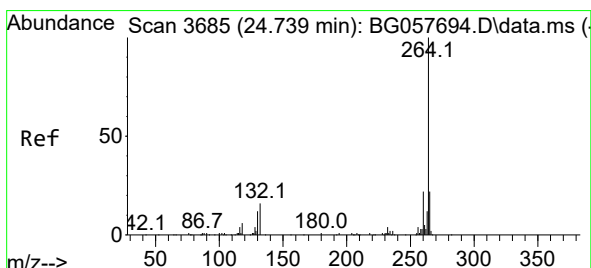
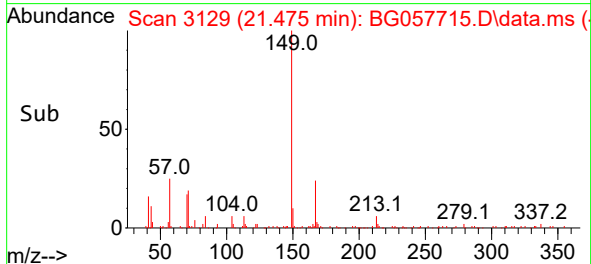
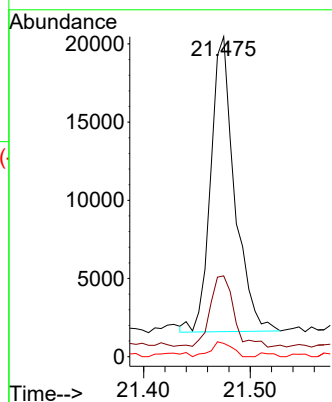
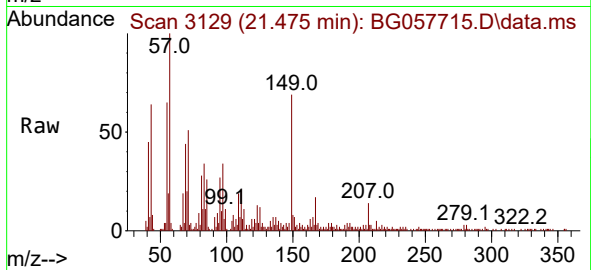




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.379 ng
 RT: 21.475 min Scan# 3130
 Delta R.T. -0.003 min
 Lab File: BG057715.D
 Acq: 14 Jun 2023 20:06

Instrument :
 BNA_G
 ClientSampleId :
 GT-GW-1

Tgt Ion:149 Resp: 29303
 Ion Ratio Lower Upper
 149 100
 167 25.2 22.1 33.1
 279 4.2 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3684
 Delta R.T. -0.003 min
 Lab File: BG057715.D
 Acq: 14 Jun 2023 20:06

Tgt Ion:264 Resp: 230653
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.3 25.9
 265 21.8 17.5 26.3

