

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057746.D
 Acq On : 16 Jun 2023 22:56
 Operator : CG/JU
 Sample : 03251-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01-DUP

Quant Time: Jun 17 04:00:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

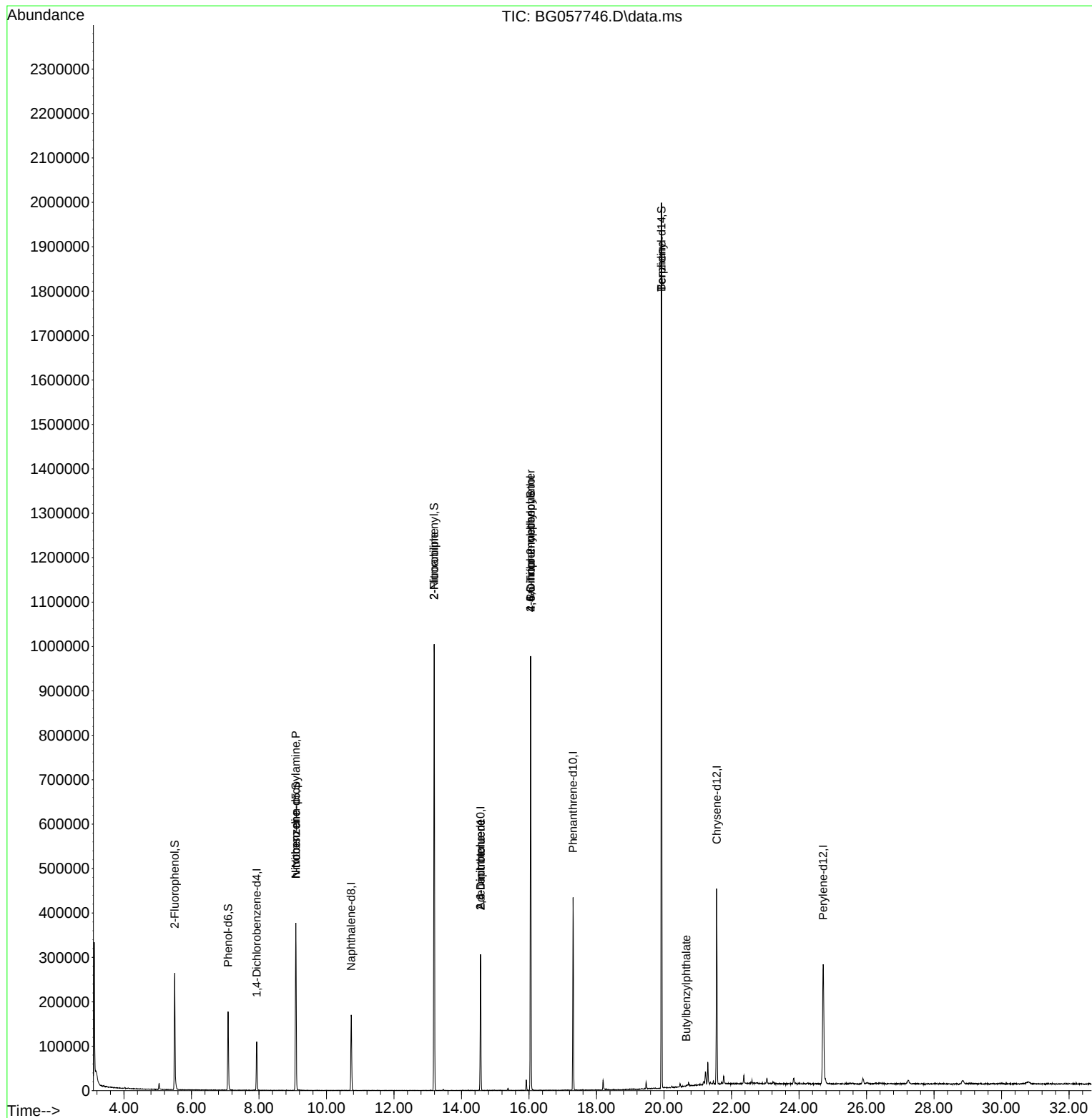
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	31595	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	140692	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	109149	20.000	ng	-0.01
64) Phenanthrene-d10	17.307	188	278125	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	243895	20.000	ng	-0.01
86) Perylene-d12	24.715	264	292346	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	116078	59.822	ng	0.00
7) Phenol-d6	7.083	99	105179	35.284	ng	-0.01
23) Nitrobenzene-d5	9.093	82	221151	95.435	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	192871	158.386	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	540033	73.750	ng	-0.01
79) Terphenyl-d14	19.927	244	1009172	76.501	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	27988	12.985	ng	# 80
24) Nitrobenzene	9.093	77	670	5.313	ng	# 28
48) 2-Nitroaniline	13.188	65	973	4.893	ng	# 21
51) 2,6-Dinitrotoluene	14.563	165	13569	17.152	ng	# 13
57) 2,4-Dinitrotoluene	14.563	165	13569	14.257	ng	# 17
65) 4,6-Dinitro-2-methylph...	16.049	198	572	2.965	ng	# 3
67) 4-Bromophenyl-phenylether	16.049	248	12991	4.587	ng	# 1
77) Benzidine	19.927	184	13770	2.368	ng	97
80) Butylbenzylphthalate	20.656	149	53	4.114	ng	# 21

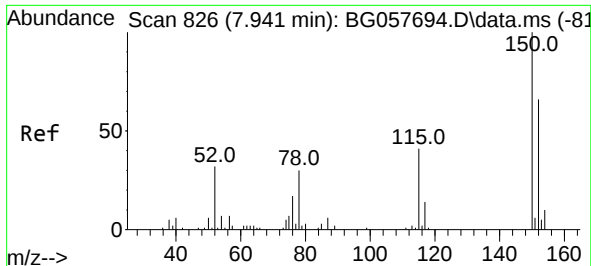
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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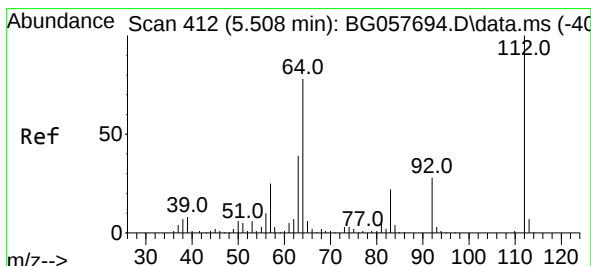
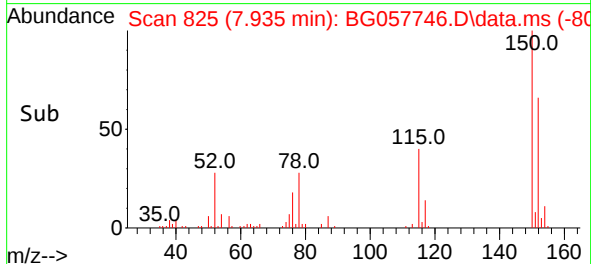
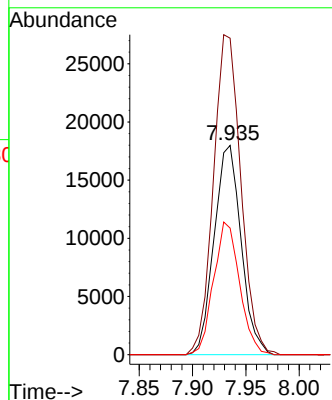
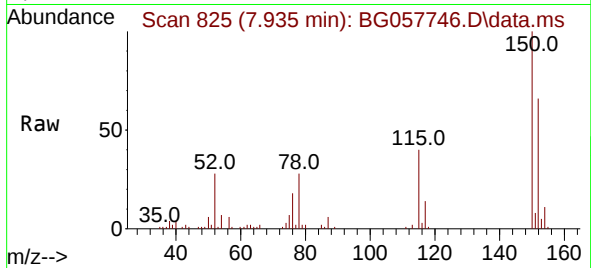




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

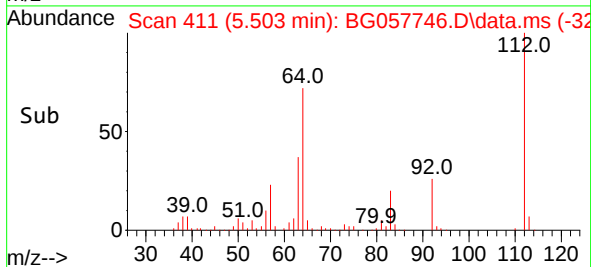
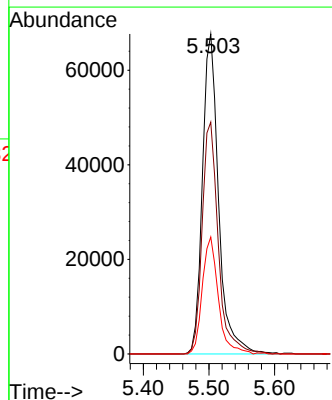
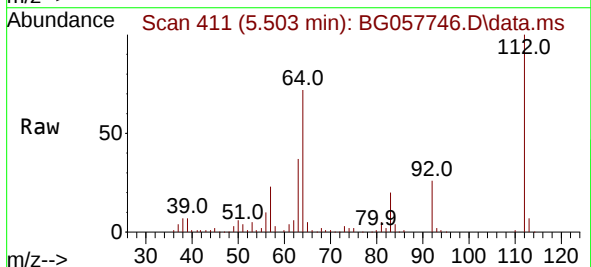
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

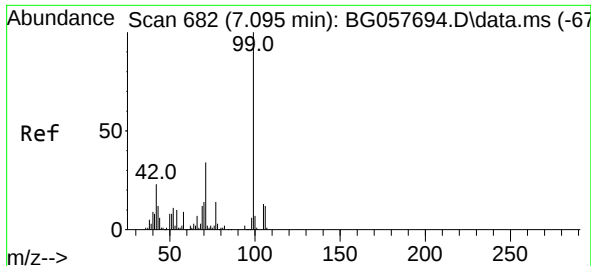
Tgt Ion:152 Resp: 31595
Ion Ratio Lower Upper
152 100
150 151.2 120.8 181.2
115 60.5 49.4 74.2



#5
2-Fluorophenol
Concen: 59.822 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion:112 Resp: 116078
Ion Ratio Lower Upper
112 100
64 72.4 62.3 93.5
63 36.6 31.5 47.3

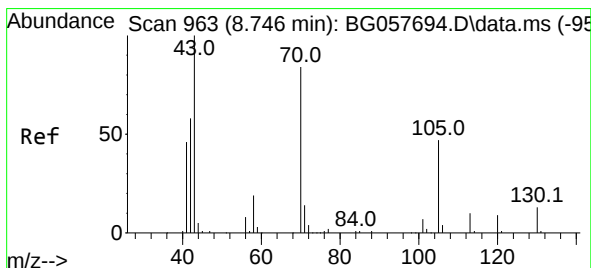
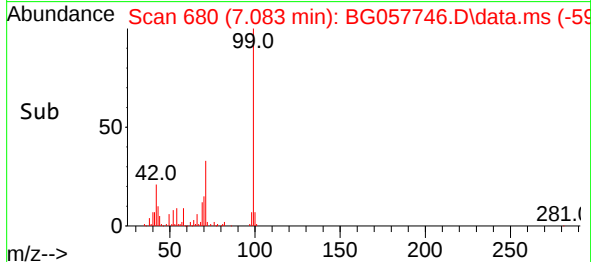
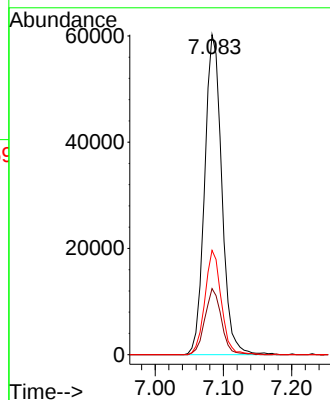
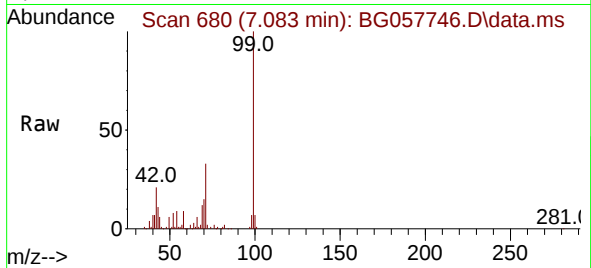




#7
Phenol-d6
Concen: 35.284 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

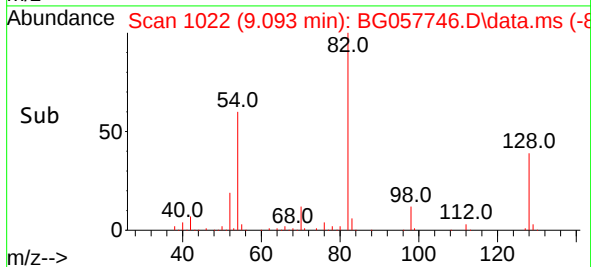
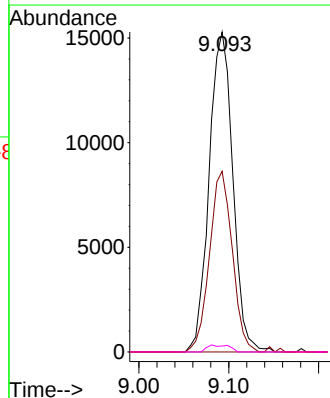
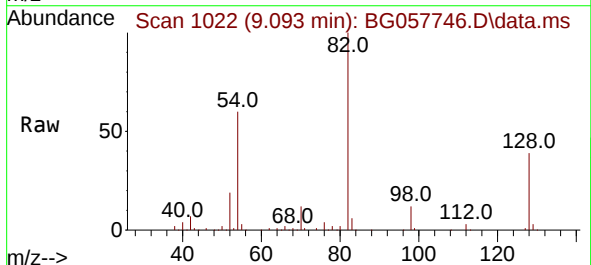
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

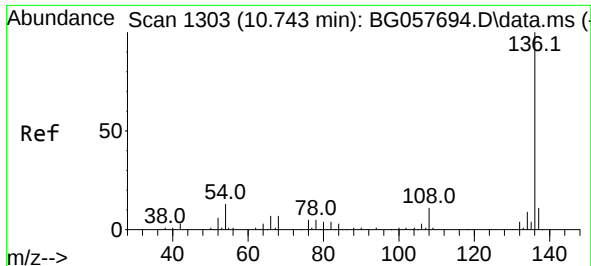
Tgt Ion: 99 Resp: 105179
Ion Ratio Lower Upper
99 100
42 20.6 18.3 27.5
71 32.6 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.985 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.346 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion: 70 Resp: 27988
Ion Ratio Lower Upper
70 100
42 56.4 56.6 84.8#
101 0.0 6.2 9.4#
130 1.9 12.8 19.2#

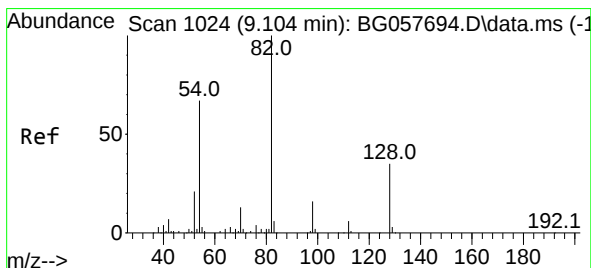
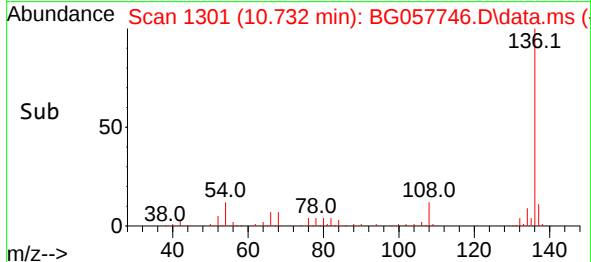
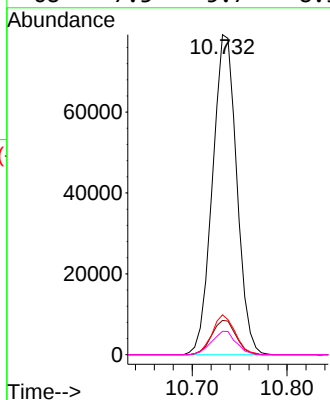
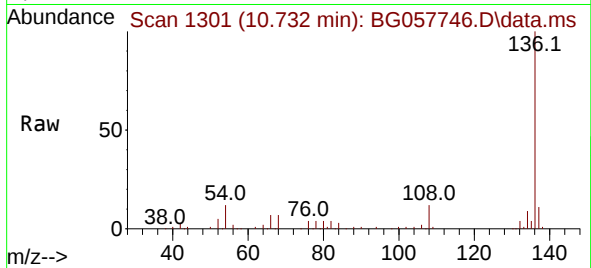




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

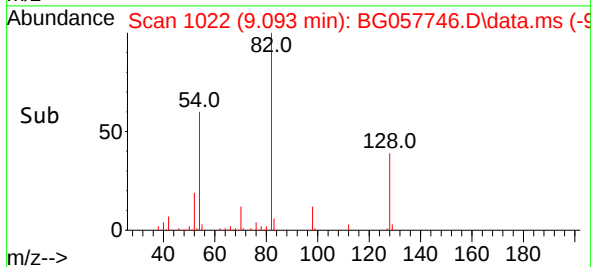
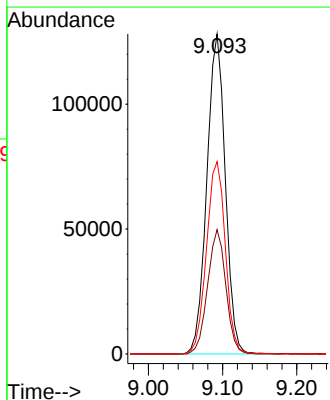
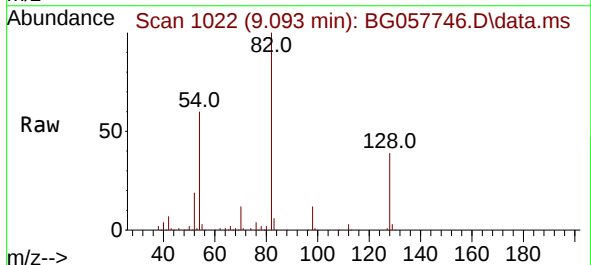
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

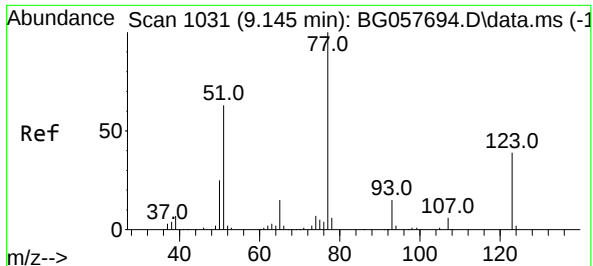
Tgt Ion:	136	Resp:	140692
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	12.5	10.8	16.2
68	7.3	5.7	8.5



#23
Nitrobenzene-d5
Concen: 95.435 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion:	82	Resp:	221151
Ion Ratio	Lower	Upper	
82	100		
128	38.9	27.7	41.5
54	60.1	53.8	80.8





#24

Nitrobenzene

Concen: 5.313 ng

RT: 9.093 min Scan# 1031

Delta R.T. -0.054 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP

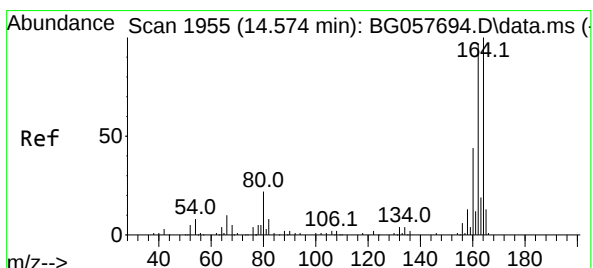
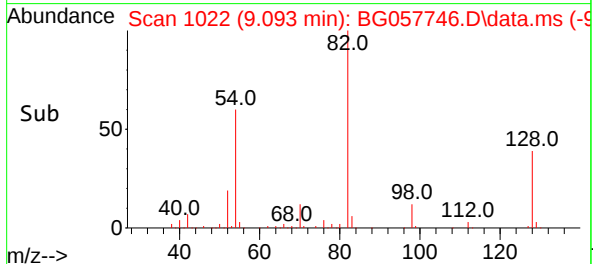
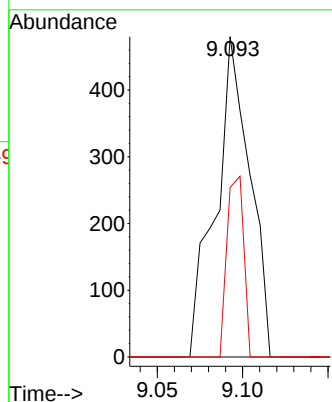
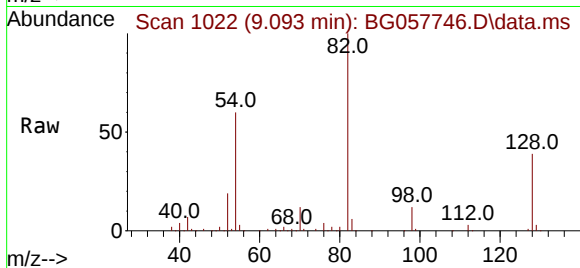
Tgt Ion: 77 Resp: 670

Ion Ratio Lower Upper

77 100

123 0.0 31.2 46.8#

65 52.9 11.6 17.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.013 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

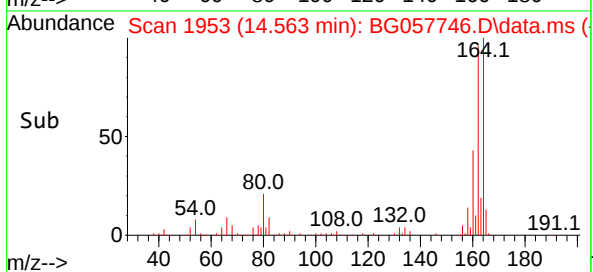
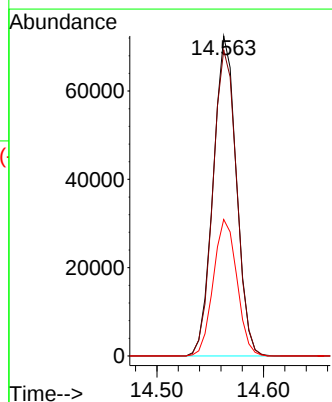
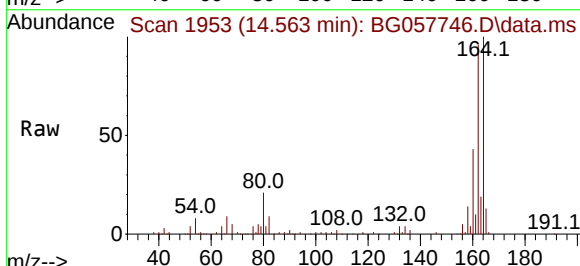
Tgt Ion:164 Resp: 109149

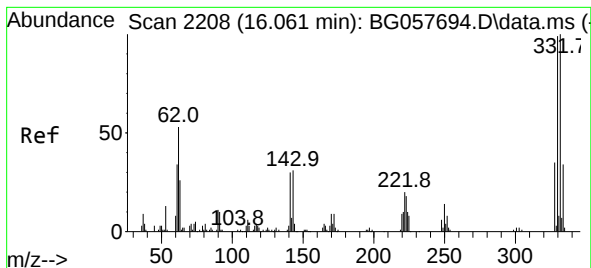
Ion Ratio Lower Upper

164 100

162 95.6 77.7 116.5

160 42.6 35.1 52.7

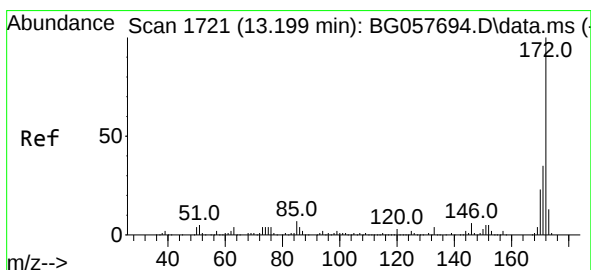
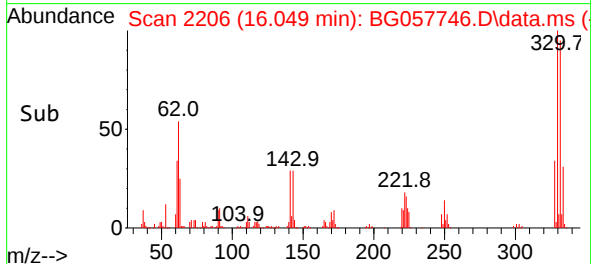
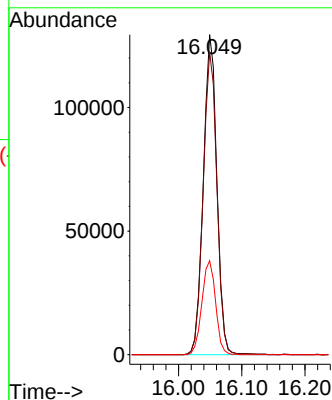
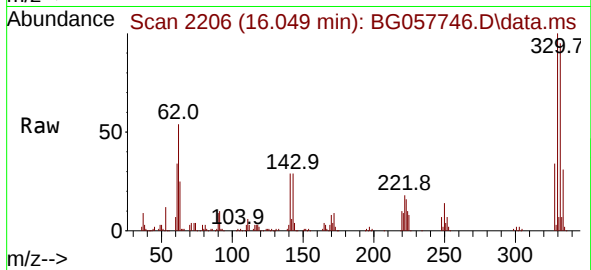




#42
2,4,6-Tribromophenol
Concen: 158.386 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

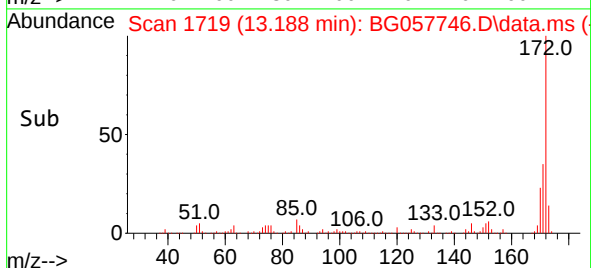
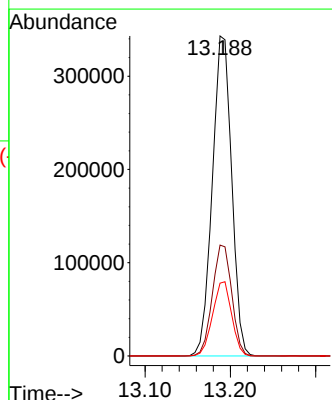
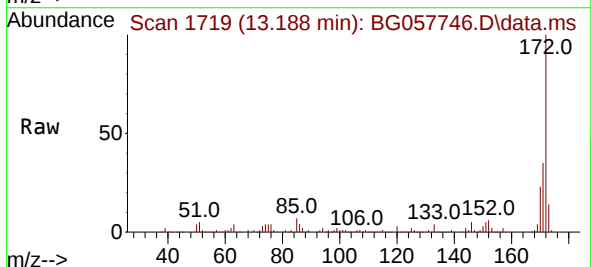
Instrument :
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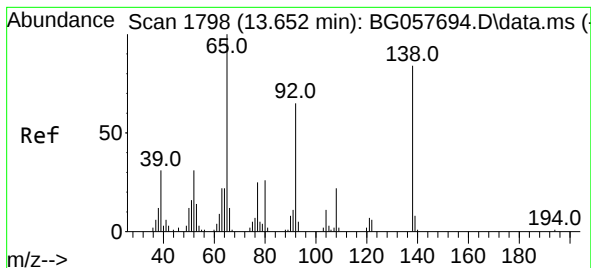
Tgt Ion:330 Resp: 192871
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.6
141 29.6 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 73.750 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.013 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion:172 Resp: 540033
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.8 18.2 27.4





#48

2-Nitroaniline

Concen: 4.893 ng

RT: 13.188 min Scan# 11

Delta R.T. -0.465 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP

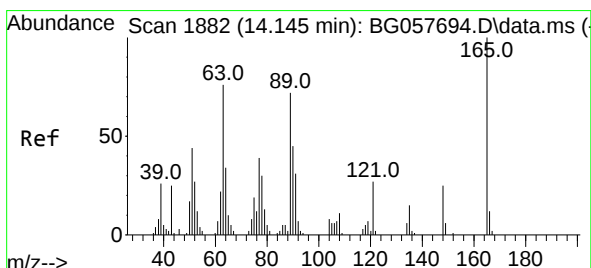
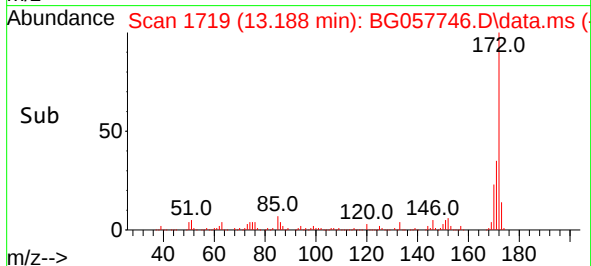
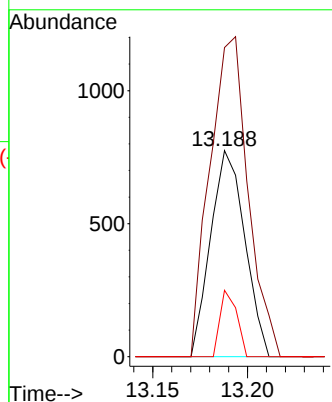
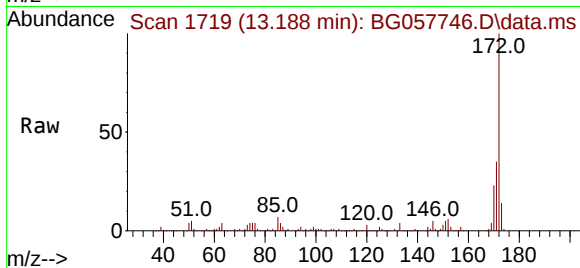
Tgt Ion: 65 Resp: 973

Ion Ratio Lower Upper

65 100

92 149.9 52.2 78.4#

138 32.3 67.0 100.4#



#51

2,6-Dinitrotoluene

Concen: 17.152 ng

RT: 14.563 min Scan# 1953

Delta R.T. 0.416 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

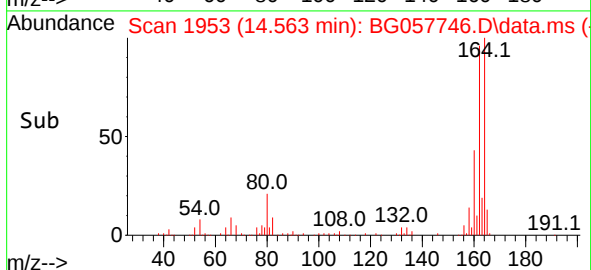
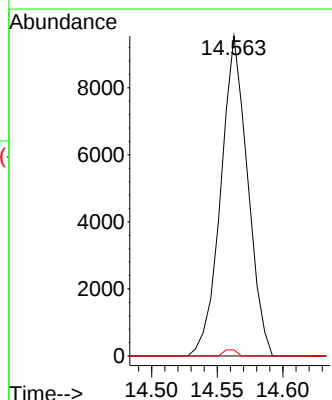
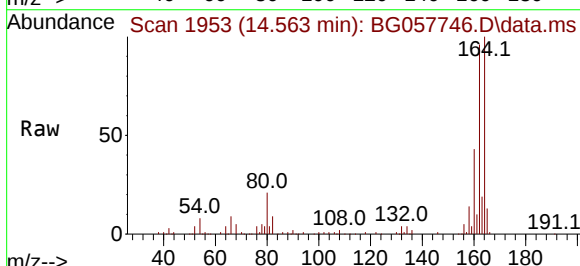
Tgt Ion: 165 Resp: 13569

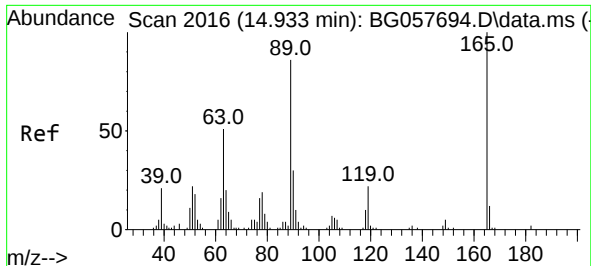
Ion Ratio Lower Upper

165 100

63 0.0 62.3 93.5#

89 1.9 57.4 86.0#





#57

2,4-Dinitrotoluene

Concen: 14.257 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.371 min

Lab File: BG057746.D

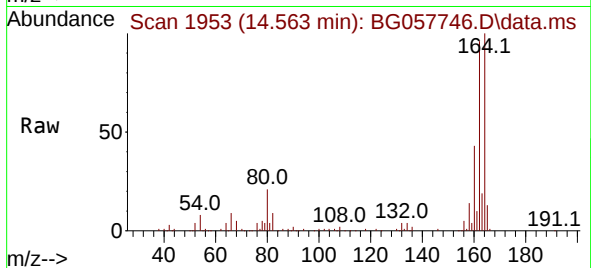
Acq: 16 Jun 2023 22:56

Instrument :

BNA_G

ClientSampleId :

MW-01-DUP



Tgt Ion:165 Resp: 13569

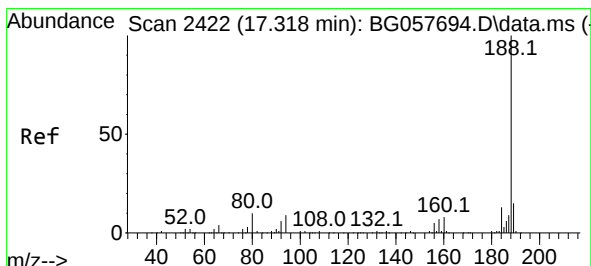
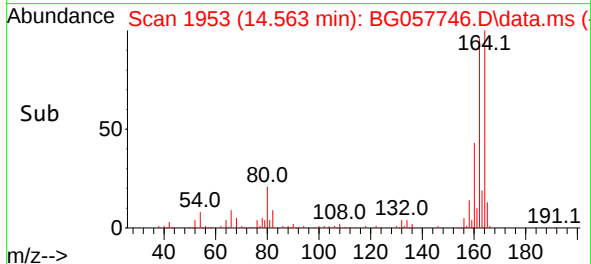
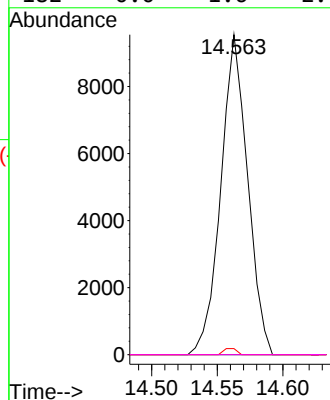
Ion Ratio Lower Upper

165 100

63 0.0 40.8 61.2#

89 1.9 68.5 102.7#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 2420

Delta R.T. -0.013 min

Lab File: BG057746.D

Acq: 16 Jun 2023 22:56

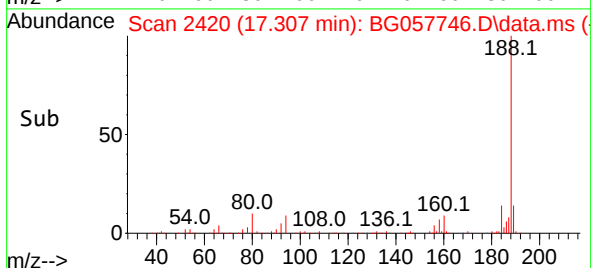
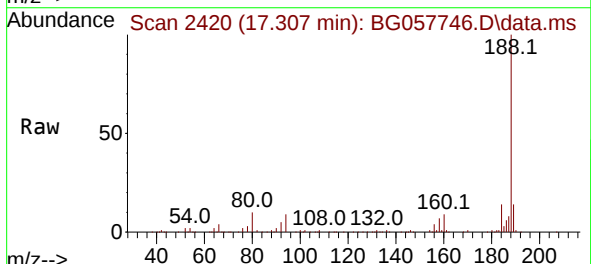
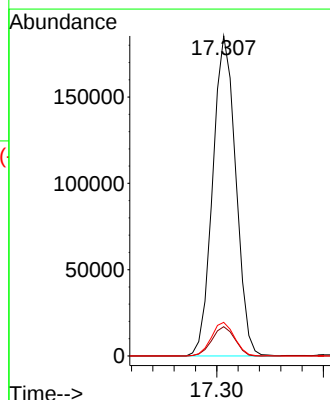
Tgt Ion:188 Resp: 278125

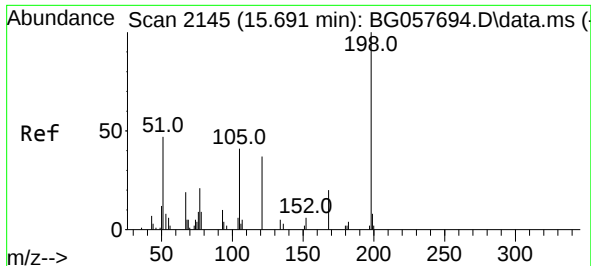
Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

80 10.5 8.2 12.4

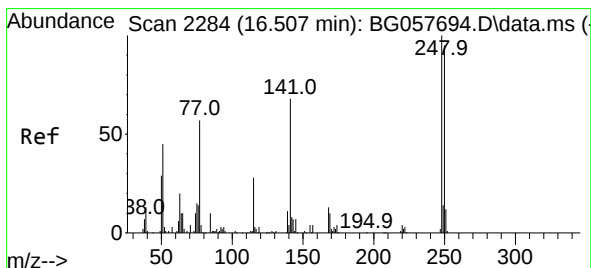
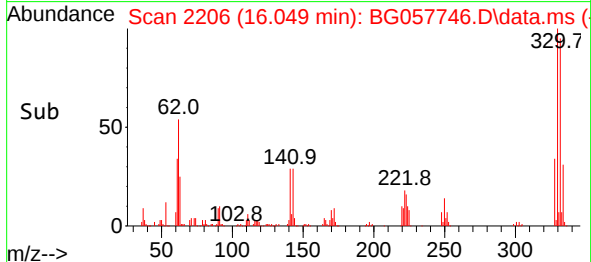
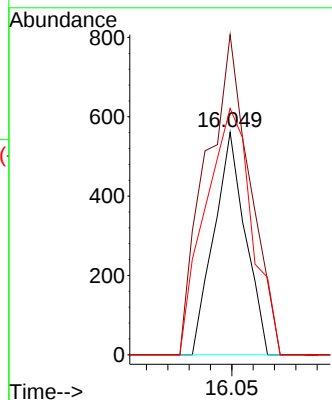
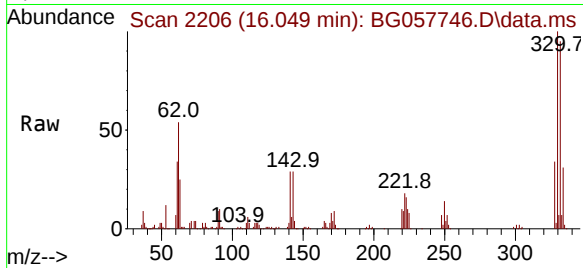




#65
4,6-Dinitro-2-methylphenol
Concen: 2.965 ng
RT: 16.049 min Scan# 2145
Delta R.T. 0.357 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

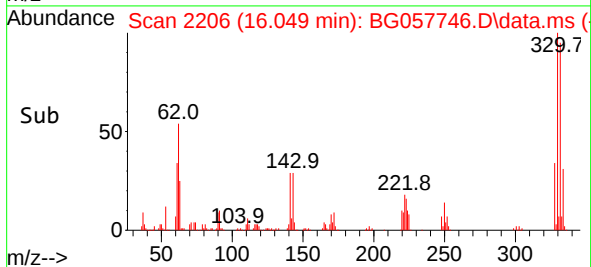
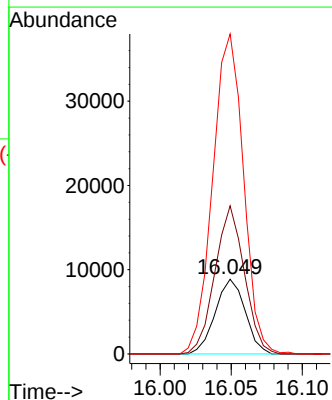
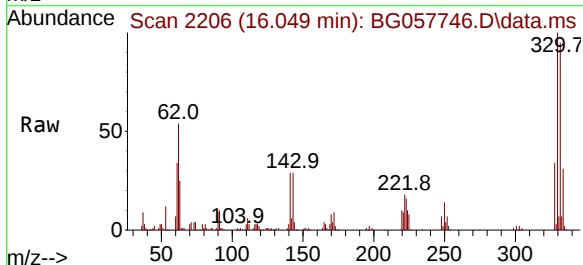
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

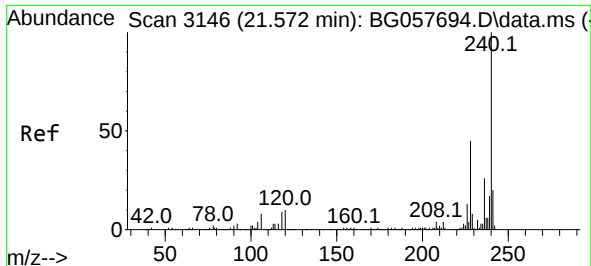
Tgt Ion:198 Resp: 572
Ion Ratio Lower Upper
198 100
51 143.9 42.0 82.0#
105 110.7 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.587 ng
RT: 16.049 min Scan# 2206
Delta R.T. -0.459 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion:248 Resp: 12991
Ion Ratio Lower Upper
248 100
250 198.4 76.3 114.5#
141 428.5 54.6 82.0#

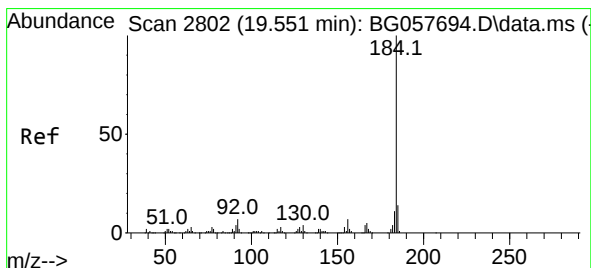
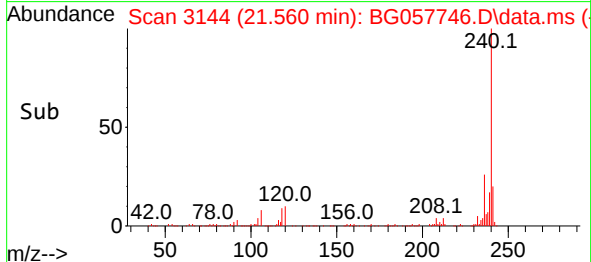
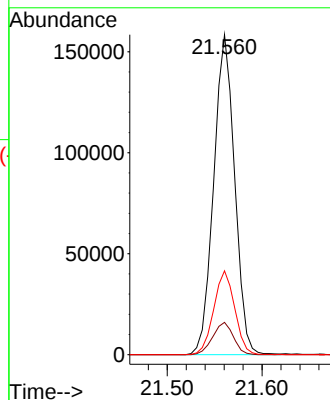
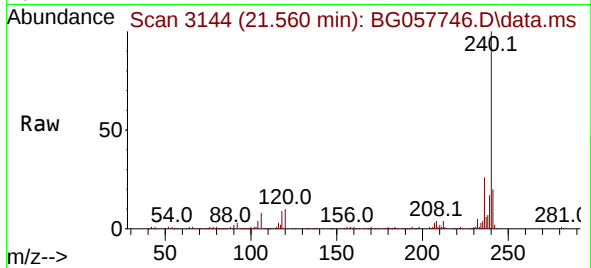




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

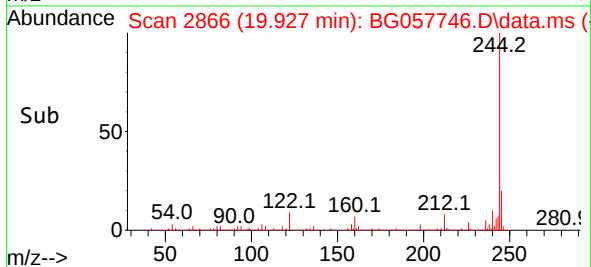
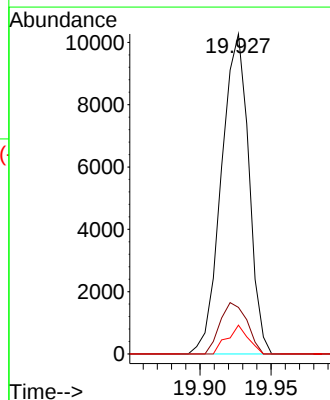
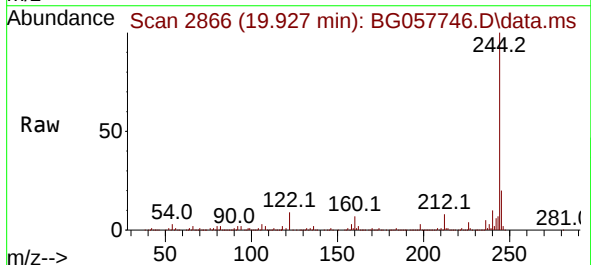
Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

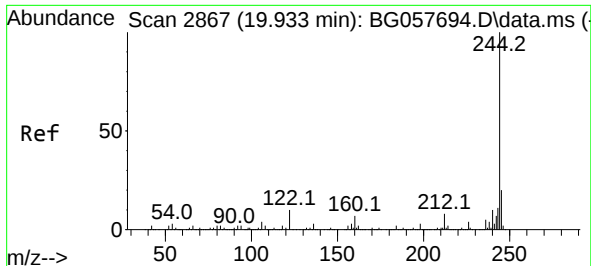
Tgt Ion:240 Resp: 243895
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.2 20.7 31.1



#77
Benzidine
Concen: 2.368 ng
RT: 19.927 min Scan# 2866
Delta R.T. 0.375 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Tgt Ion:184 Resp: 13770
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 9.0 8.4 12.6

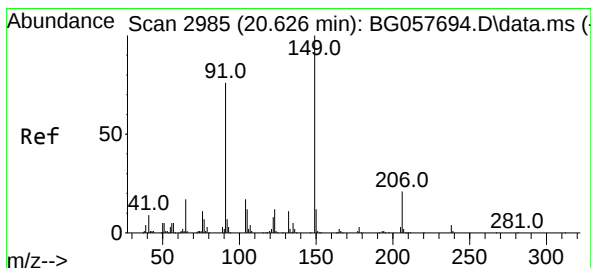
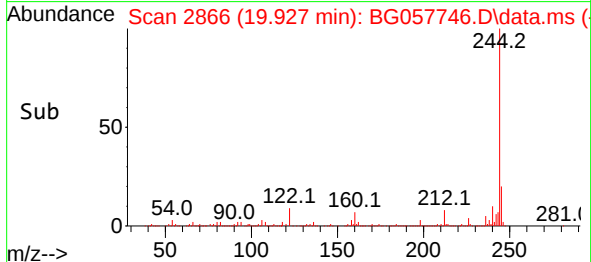
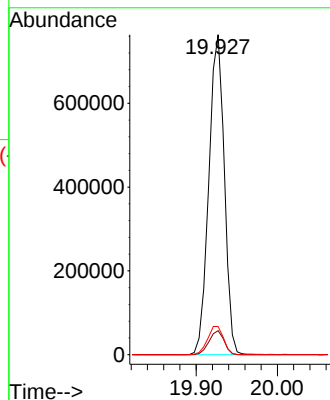
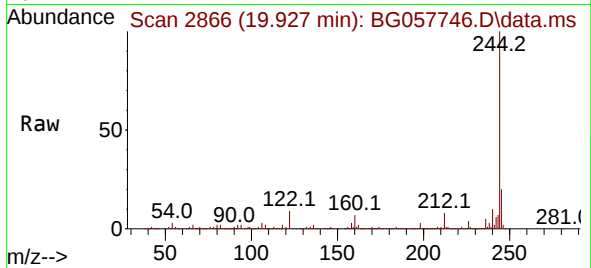




#79
 Terphenyl-d14
 Concen: 76.501 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057746.D
 Acq: 16 Jun 2023 22:56

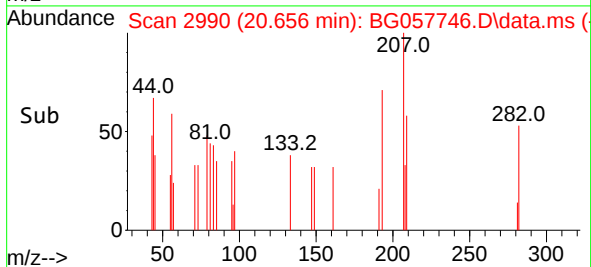
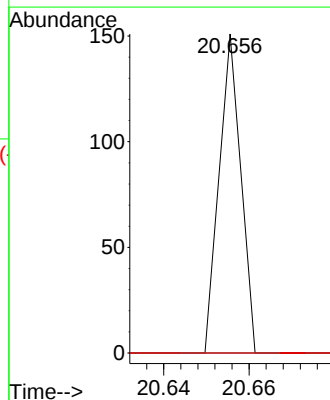
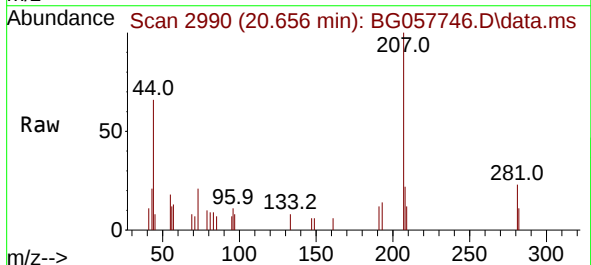
Instrument :
 BNA_G
 ClientSampleId :
 MW-01-DUP

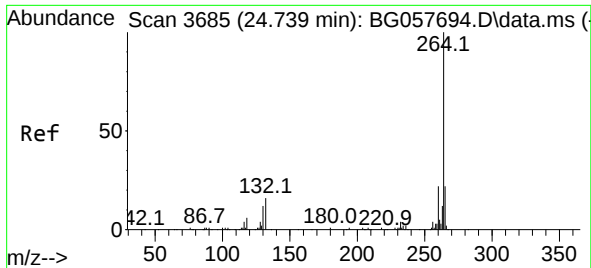
Tgt Ion:244 Resp: 1009172
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 8.8 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.114 ng
 RT: 20.656 min Scan# 2990
 Delta R.T. 0.028 min
 Lab File: BG057746.D
 Acq: 16 Jun 2023 22:56

Tgt Ion:149 Resp: 53
 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: 24.715 min Scan# 30
Delta R.T. -0.019 min
Lab File: BG057746.D
Acq: 16 Jun 2023 22:56

Instrument :
BNA_G
ClientSampleId :
MW-01-DUP

Tgt Ion:264 Resp: 292346
Ion Ratio Lower Upper
264 100
260 21.6 17.3 25.9
265 20.5 17.5 26.3

