

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057751.D
 Acq On : 17 Jun 2023 2:29
 Operator : CG/JU
 Sample : 03178-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Jun 17 04:02:17 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)

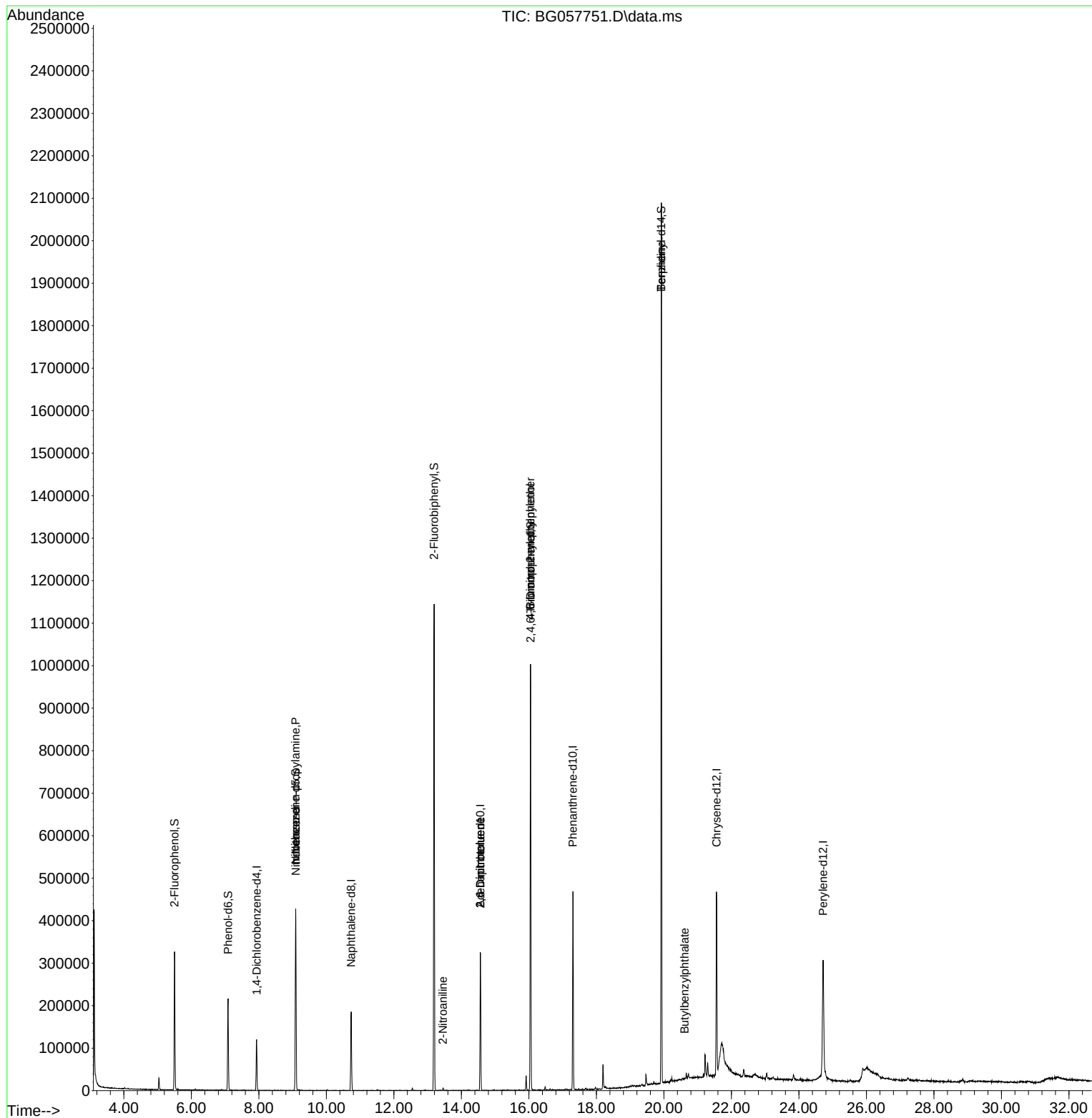
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	31489	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	157263	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	118338	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	290950	20.000	ng	-0.02
76) Chrysene-d12	21.558	240	241154	20.000	ng	-0.02
86) Perylene-d12	24.719	264	290693	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	132190	68.355	ng	0.00
7) Phenol-d6	7.087	99	123795	41.669	ng	0.00
23) Nitrobenzene-d5	9.090	82	249474	96.180	ng	0.00
42) 2,4,6-Tribromophenol	16.053	330	198848	150.614	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	609147	76.729	ng	0.00
79) Terphenyl-d14	19.924	244	1011194	77.525	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.090	70	31512	14.669	ng	# 77
24) Nitrobenzene	9.096	77	564	5.255	ng	# 33
48) 2-Nitroaniline	13.450	65	69	4.109	ng	# 12
51) 2,6-Dinitrotoluene	14.560	165	15626	17.888	ng	# 12
57) 2,4-Dinitrotoluene	14.560	165	15626	14.843	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.047	198	430	2.502	ng	# 1
67) 4-Bromophenyl-phenylether	16.047	248	13117	4.428	ng	# 1
77) Benzidine	19.924	184	14959	2.602	ng	# 95
80) Butylbenzylphthalate	20.612	149	917	4.241	ng	# 47

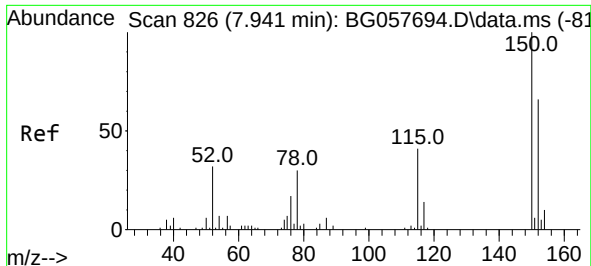
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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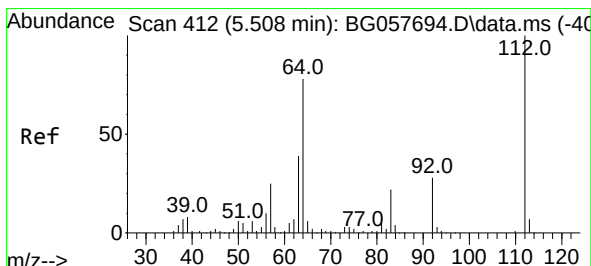
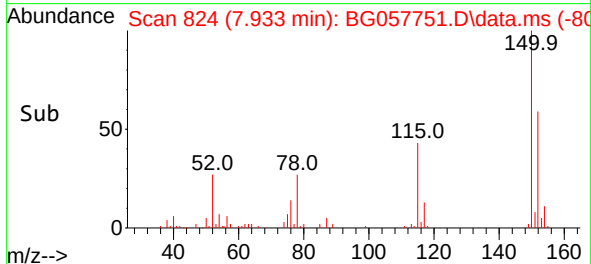
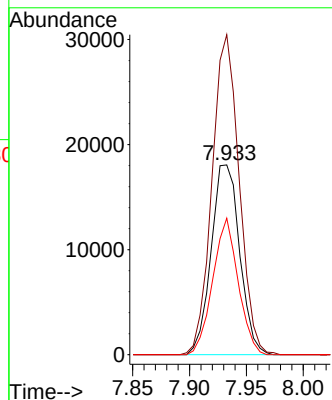
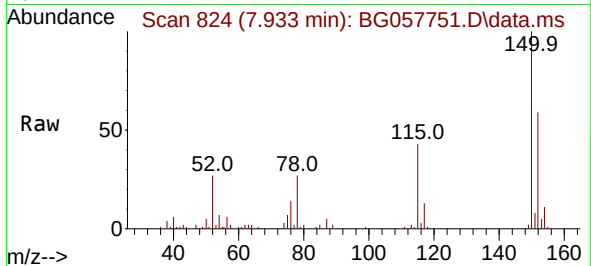




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

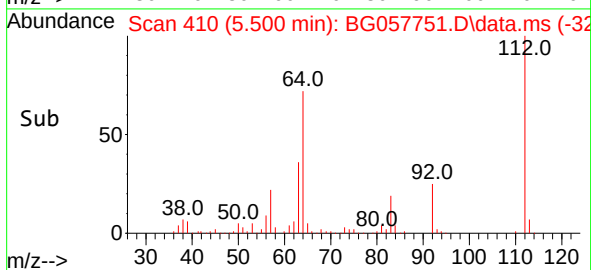
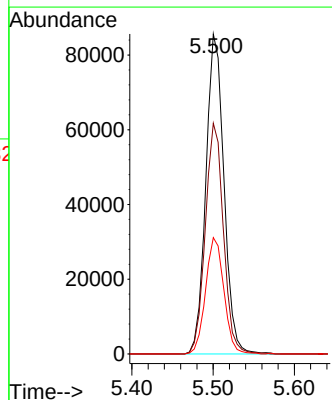
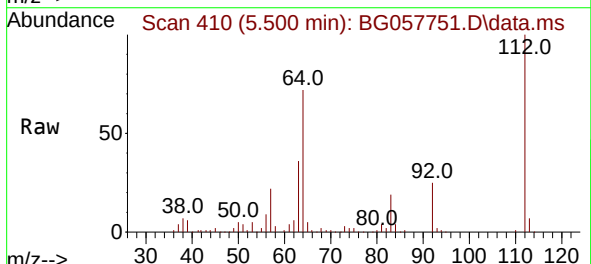
Instrument :
BNA_G
ClientSampleId :
MW-2

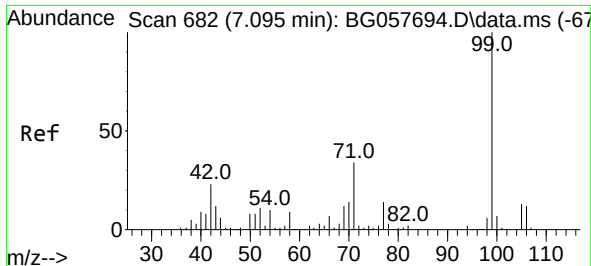
Tgt Ion:152 Resp: 31489
Ion Ratio Lower Upper
152 100
150 168.6 120.8 181.2
115 72.0 49.4 74.2



#5
2-Fluorophenol
Concen: 68.355 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion:112 Resp: 132190
Ion Ratio Lower Upper
112 100
64 72.1 62.3 93.5
63 36.3 31.5 47.3

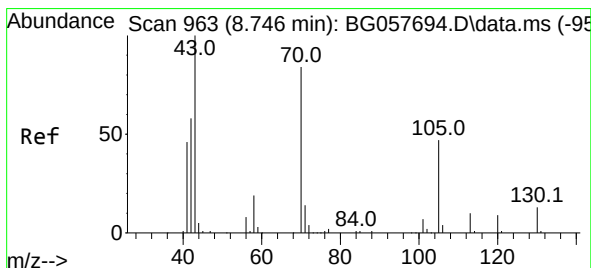
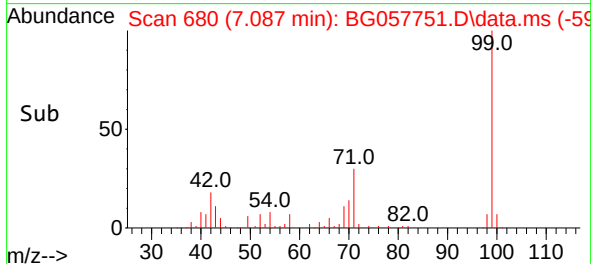
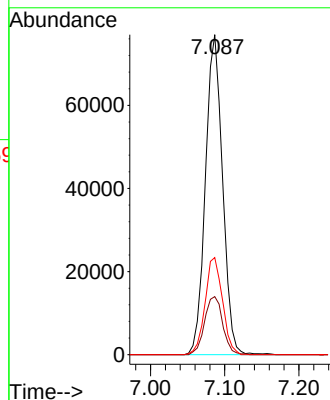
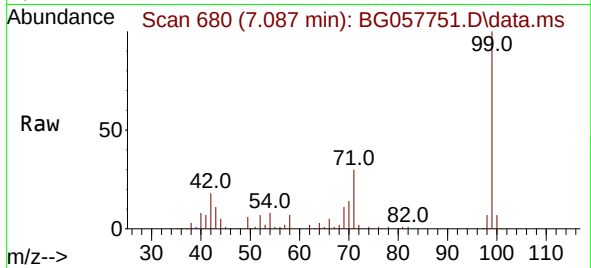




#7
Phenol-d6
Concen: 41.669 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

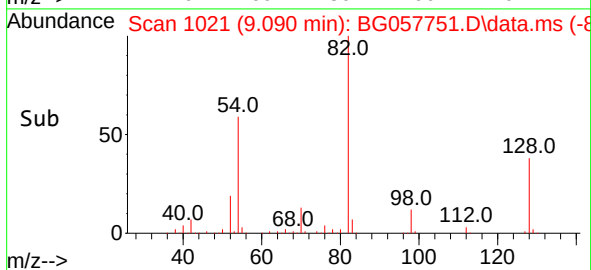
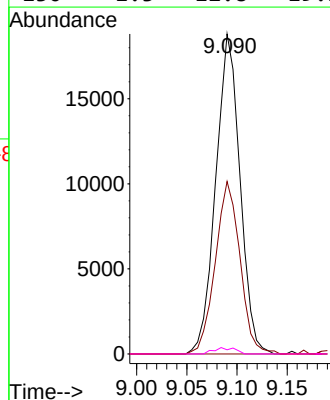
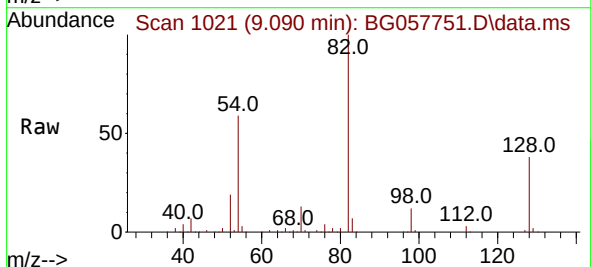
Instrument :
BNA_G
ClientSampleId :
MW-2

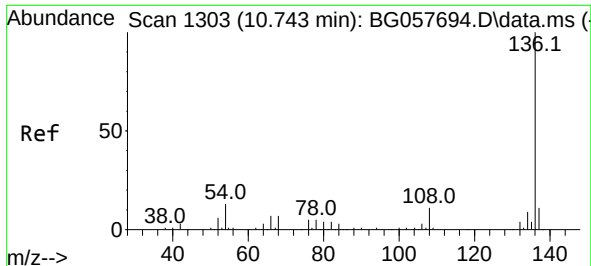
Tgt Ion: 99 Resp: 123795
Ion Ratio Lower Upper
99 100
42 18.1 18.3 27.5#
71 30.3 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.669 ng
RT: 9.090 min Scan# 1021
Delta R.T. 0.343 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion: 70 Resp: 31512
Ion Ratio Lower Upper
70 100
42 53.9 56.6 84.8#
101 0.0 6.2 9.4#
130 1.3 12.8 19.2#

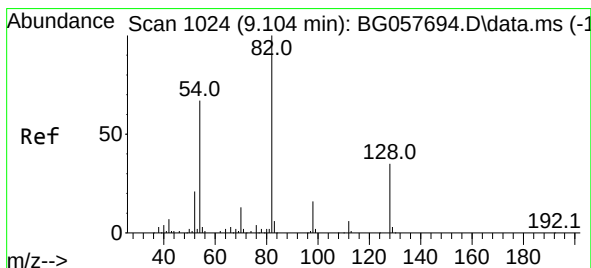
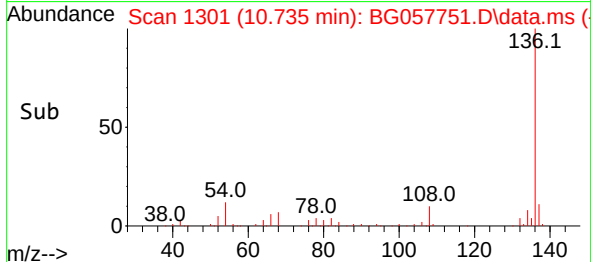
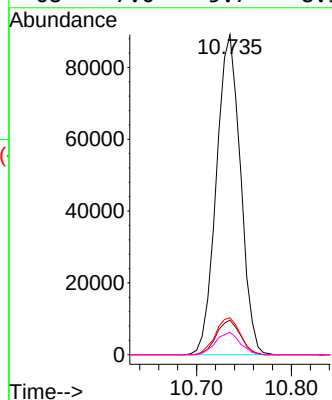
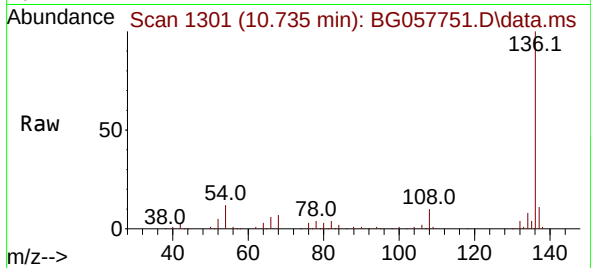




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

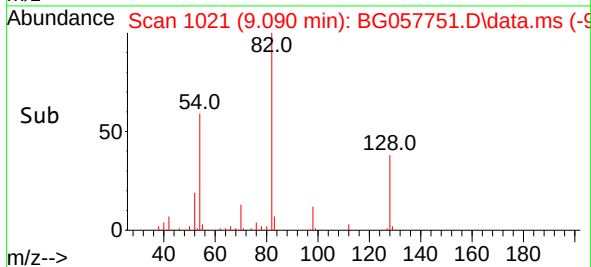
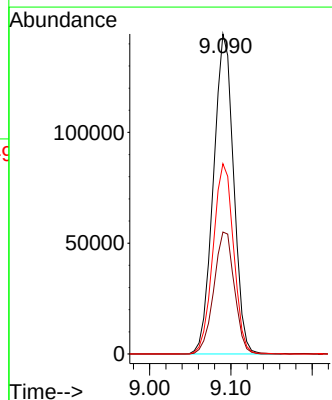
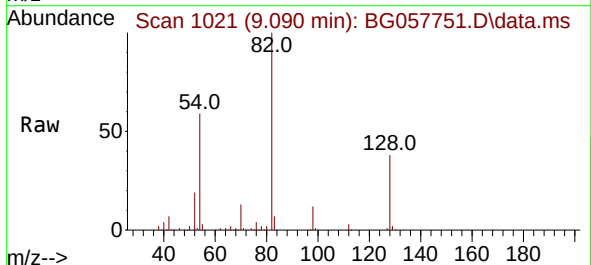
Instrument :
BNA_G
ClientSampleId :
MW-2

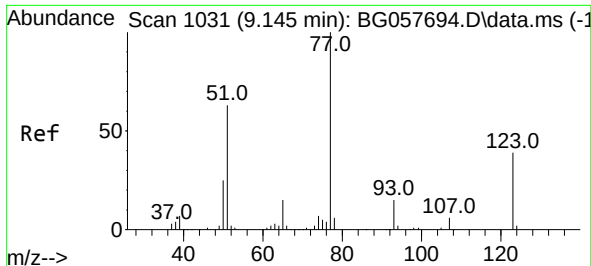
Tgt Ion:	136	Resp:	157263
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	11.6	10.8	16.2
68	7.0	5.7	8.5



#23
Nitrobenzene-d5
Concen: 96.180 ng
RT: 9.090 min Scan# 1021
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion:	82	Resp:	249474
Ion Ratio	Lower	Upper	
82	100		
128	38.1	27.7	41.5
54	59.5	53.8	80.8

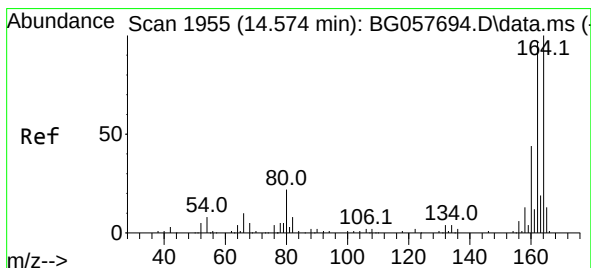
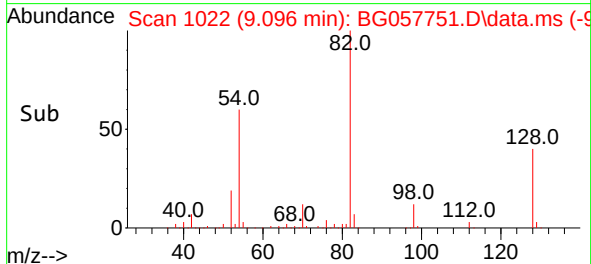
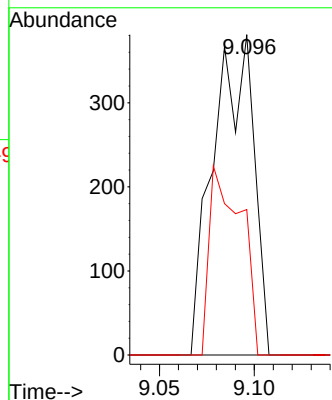
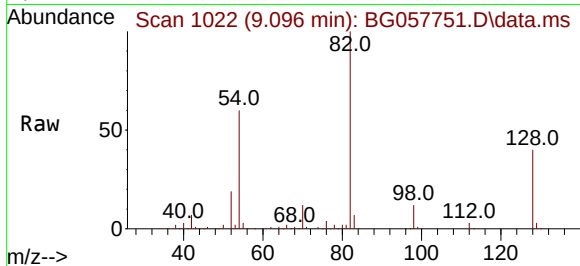




#24
Nitrobenzene
Concen: 5.255 ng
RT: 9.096 min Scan# 1031
Delta R.T. -0.051 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

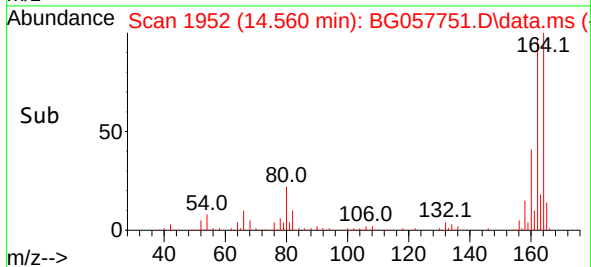
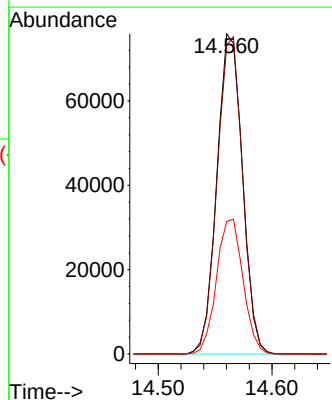
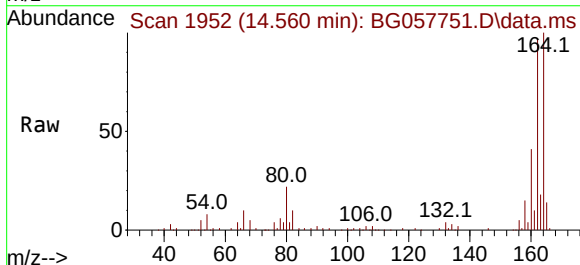
Instrument :
BNA_G
ClientSampleId :
MW-2

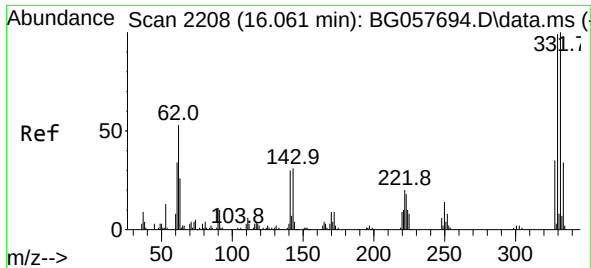
Tgt Ion: 77 Resp: 564
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 45.4 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.015 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion: 164 Resp: 118338
Ion Ratio Lower Upper
164 100
162 96.5 77.7 116.5
160 41.5 35.1 52.7

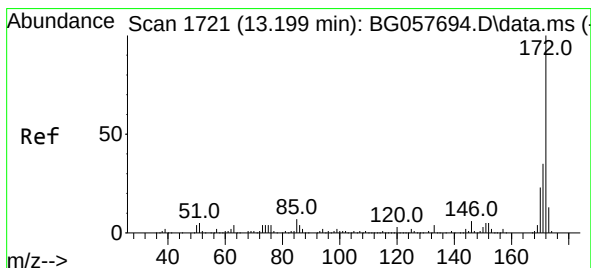
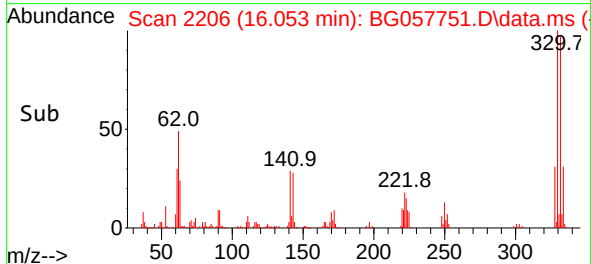
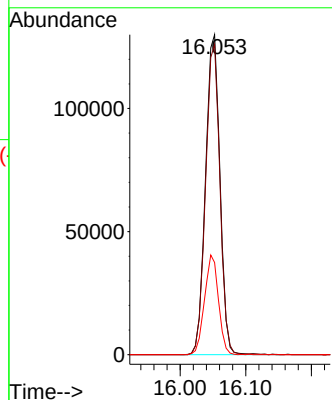
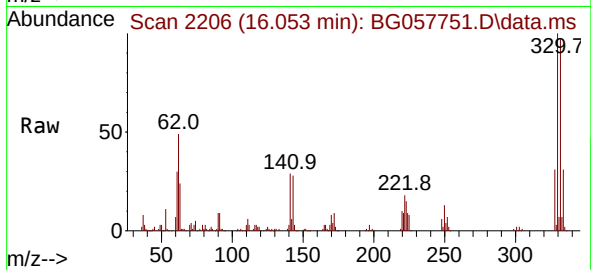




#42
2,4,6-Tribromophenol
Concen: 150.614 ng
RT: 16.053 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

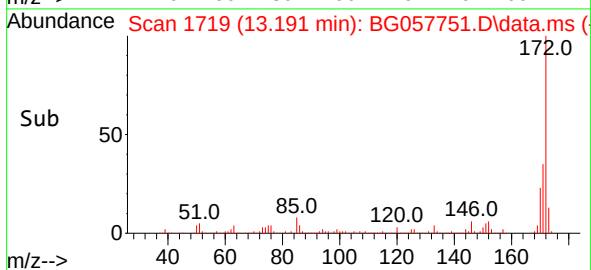
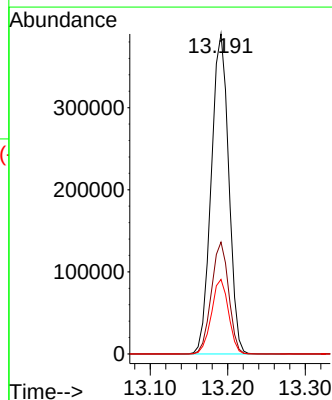
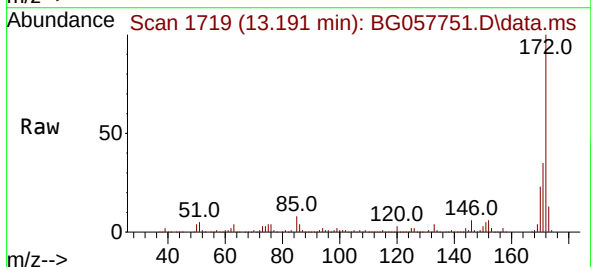
Instrument :
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ClientSampleId :
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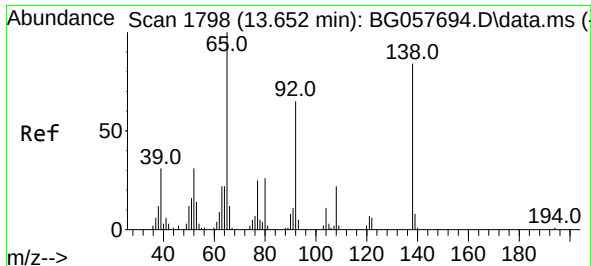
Tgt Ion:330 Resp: 198848
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 30.1 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 76.729 ng
RT: 13.191 min Scan# 1719
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion:172 Resp: 609147
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.3 18.2 27.4

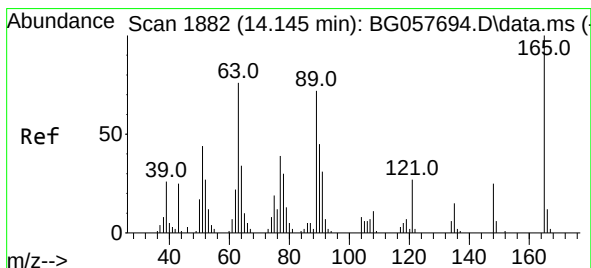
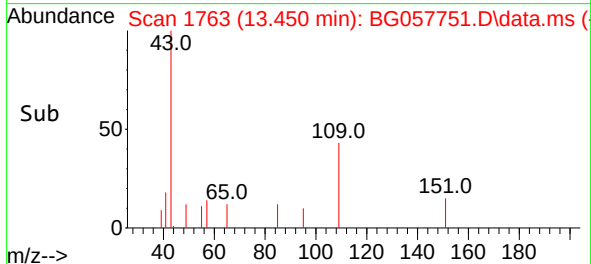
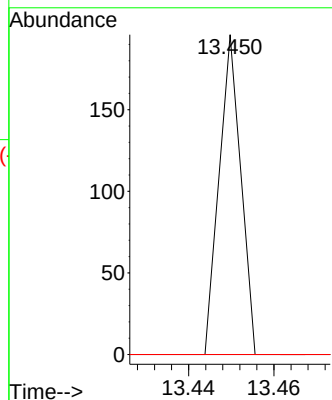
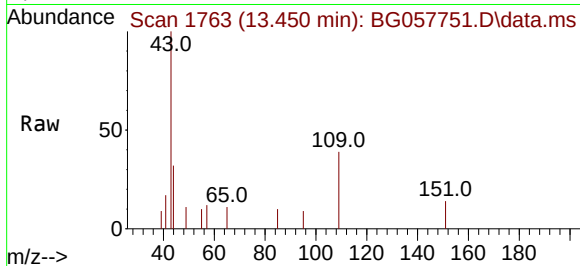




#48
2-Nitroaniline
Concen: 4.109 ng
RT: 13.450 min Scan# 1
Delta R.T. -0.203 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

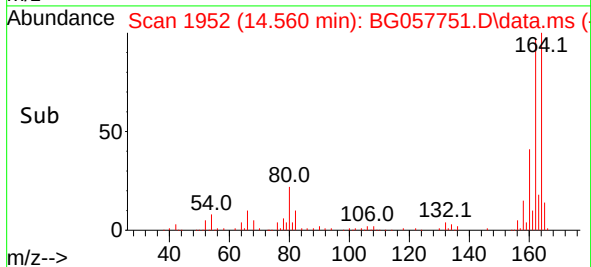
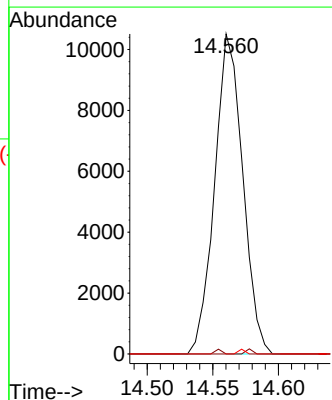
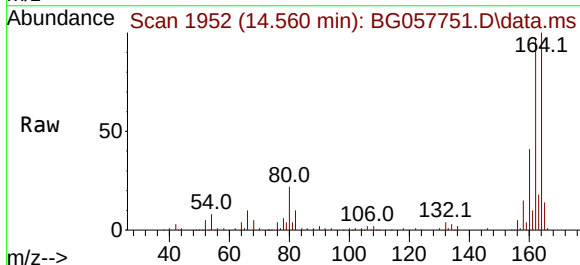
Instrument :
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ClientSampleId :
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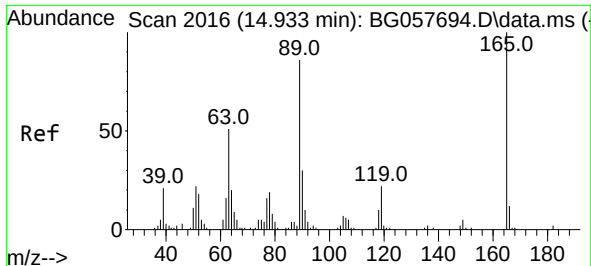
Tgt Ion: 65 Resp: 69
Ion Ratio Lower Upper
65 100
92 0.0 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.888 ng
RT: 14.560 min Scan# 1952
Delta R.T. 0.414 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion:165 Resp: 15626
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#

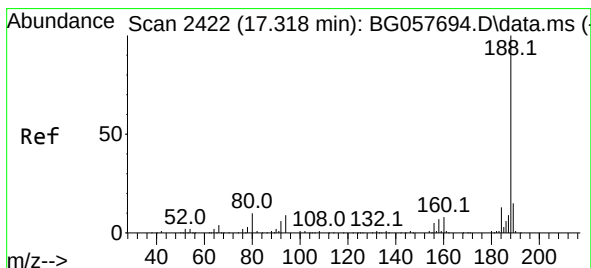
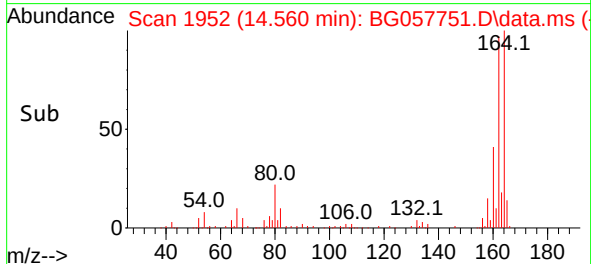
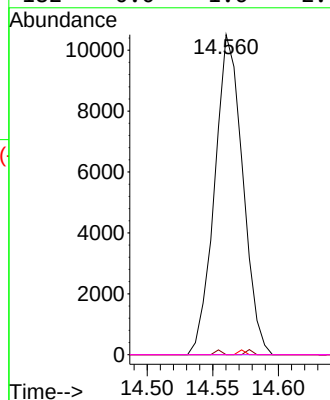
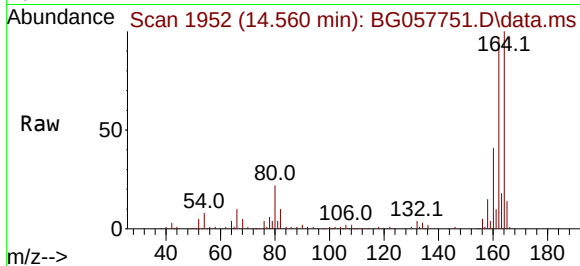




#57
2,4-Dinitrotoluene
Concen: 14.843 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.374 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

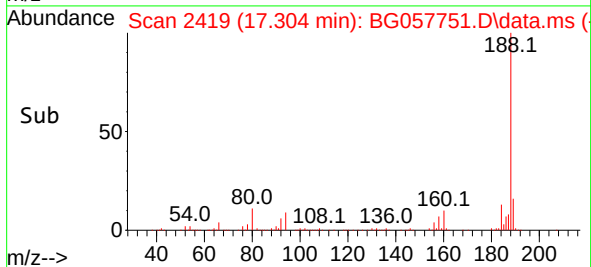
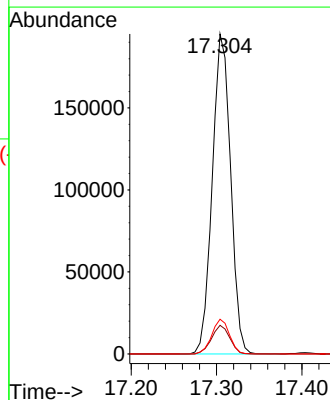
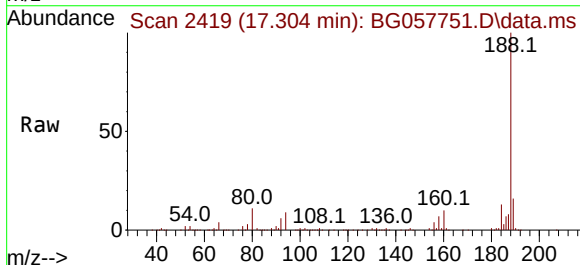
Instrument :
BNA_G
ClientSampleId :
MW-2

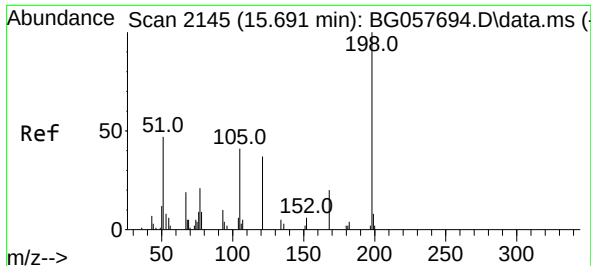
Tgt Ion:165 Resp: 15626
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2419
Delta R.T. -0.015 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion:188 Resp: 290950
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.8 8.2 12.4

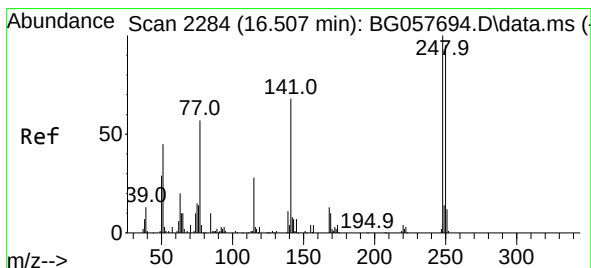
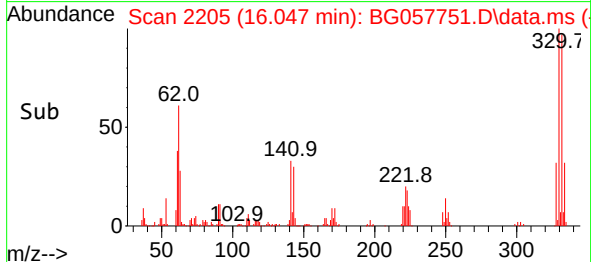
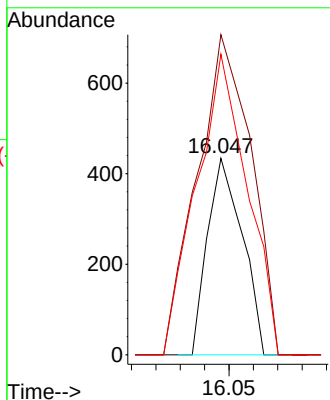
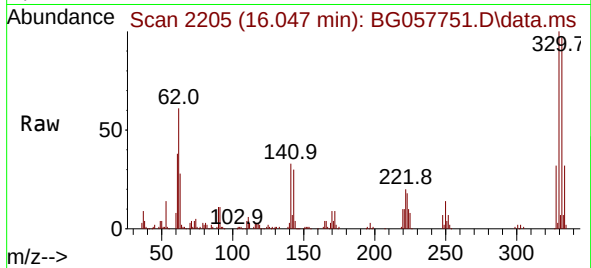




#65
4,6-Dinitro-2-methylphenol
Concen: 2.502 ng
RT: 16.047 min Scan# 2145
Delta R.T. 0.355 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

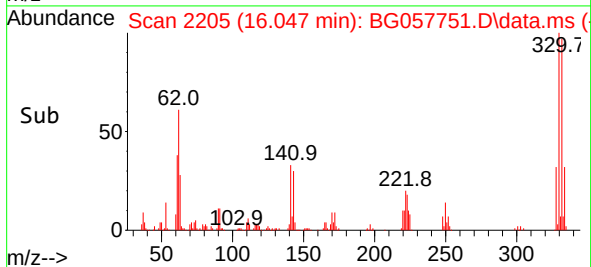
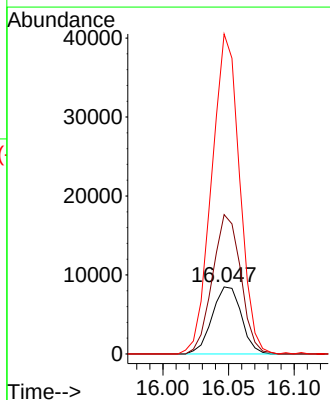
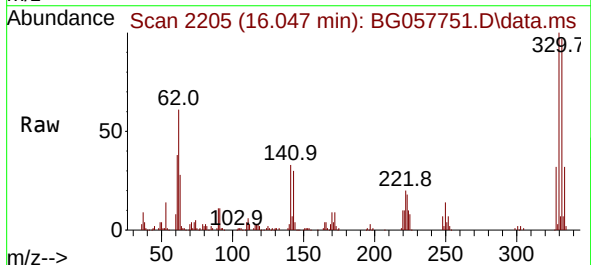
Instrument :
BNA_G
ClientSampleId :
MW-2

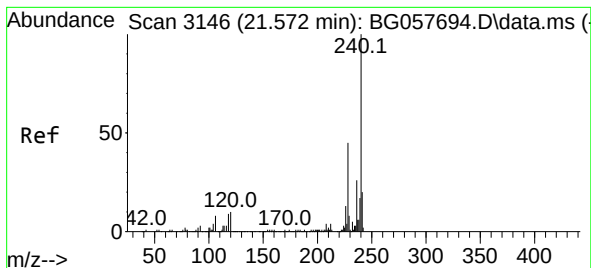
Tgt Ion:198 Resp: 430
Ion Ratio Lower Upper
198 100
51 162.9 42.0 82.0#
105 153.0 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 4.428 ng
RT: 16.047 min Scan# 2205
Delta R.T. -0.462 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion:248 Resp: 13117
Ion Ratio Lower Upper
248 100
250 208.0 76.3 114.5#
141 477.3 54.6 82.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.558 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

Instrument :

BNA_G

ClientSampleId :

MW-2

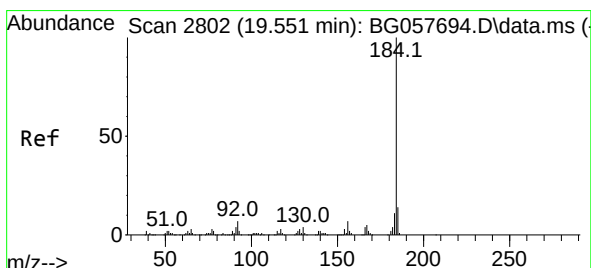
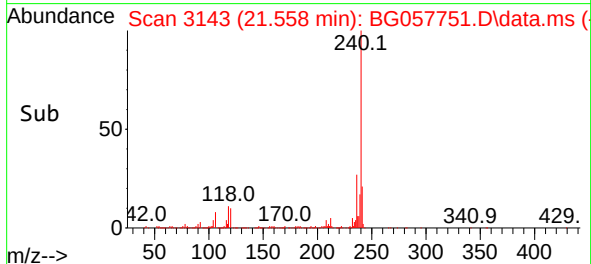
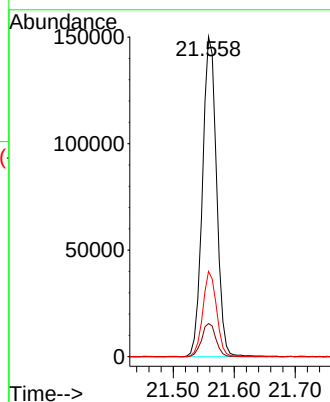
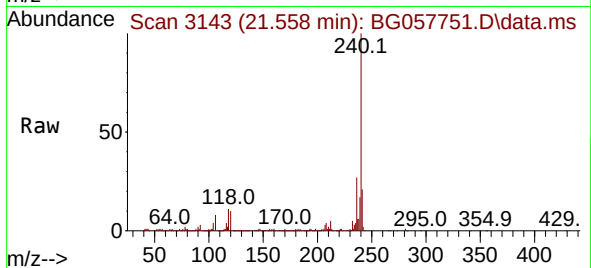
Tgt Ion:240 Resp: 241154

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 26.6 20.7 31.1



#77

Benzidine

Concen: 2.602 ng

RT: 19.924 min Scan# 2865

Delta R.T. 0.372 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

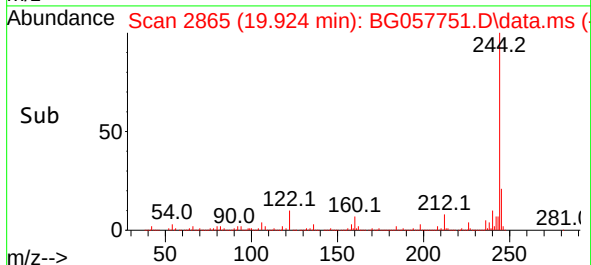
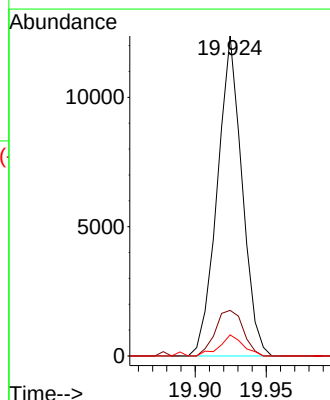
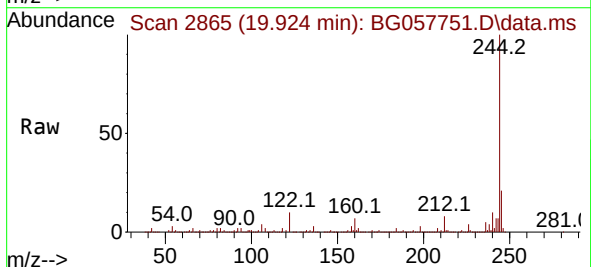
Tgt Ion:184 Resp: 14959

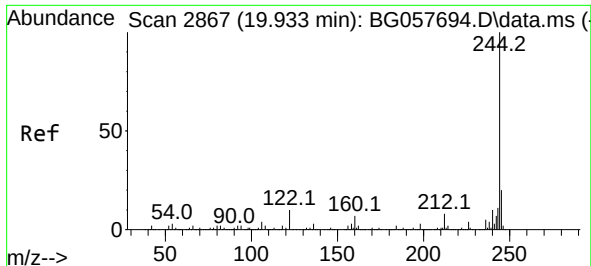
Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 6.6 8.4 12.6#

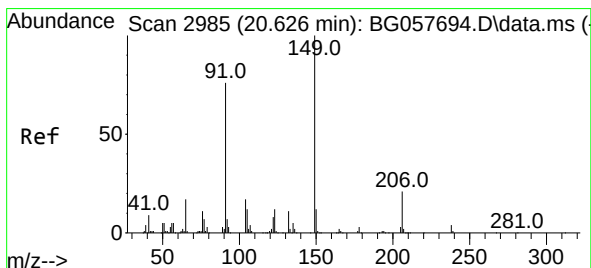
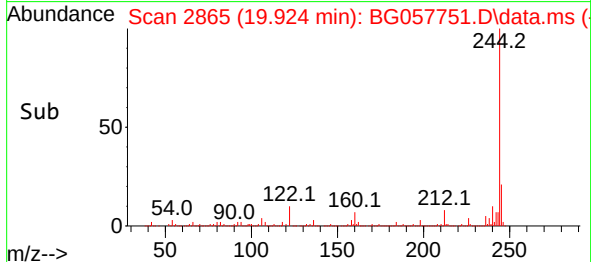
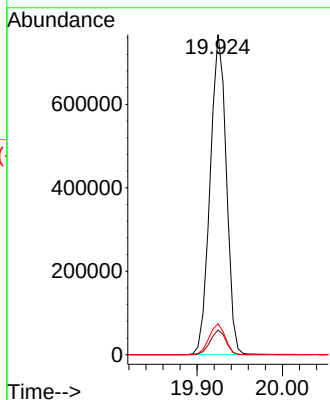
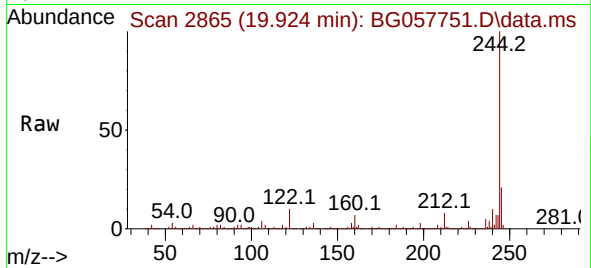




#79
 Terphenyl-d14
 Concen: 77.525 ng
 RT: 19.924 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG057751.D
 Acq: 17 Jun 2023 2:29

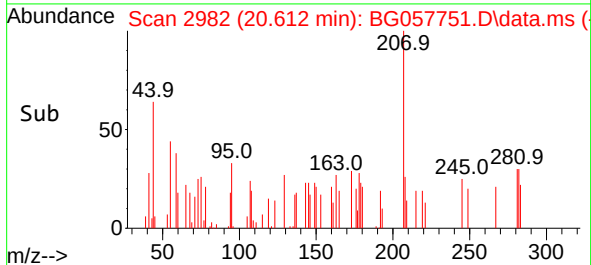
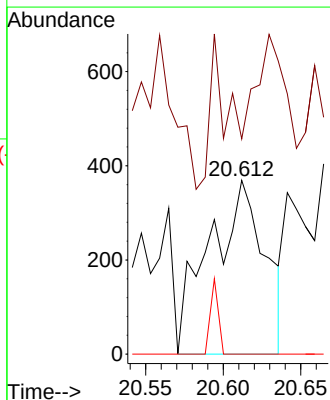
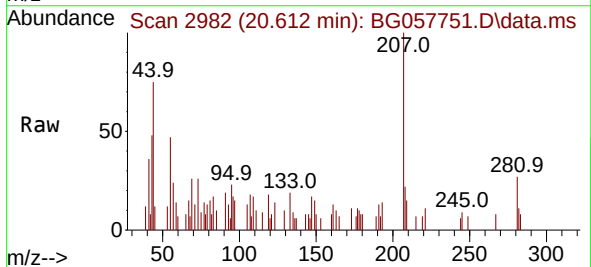
Instrument :
 BNA_G
 ClientSampleId :
 MW-2

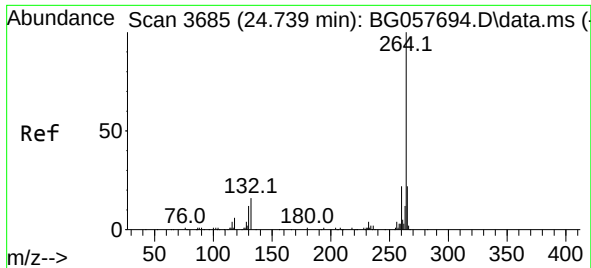
Tgt Ion:244 Resp: 1011194
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 9.7 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.241 ng
 RT: 20.612 min Scan# 2982
 Delta R.T. -0.015 min
 Lab File: BG057751.D
 Acq: 17 Jun 2023 2:29

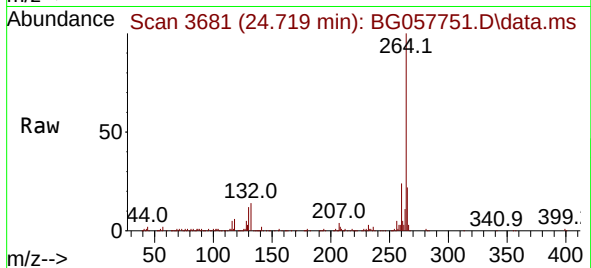
Tgt Ion:149 Resp: 917
 Ion Ratio Lower Upper
 149 100
 91 123.8 60.8 91.2#
 206 0.0 16.8 25.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.719 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Instrument :
BNA_G
ClientSampleId :
MW-2



Tgt Ion:264 Resp: 290693

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.3	25.9
265	22.1	17.5	26.3

