

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057750.D
 Acq On : 17 Jun 2023 1:46
 Operator : CG/JU
 Sample : 03178-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Quant Time: Jun 17 04:01:57 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)

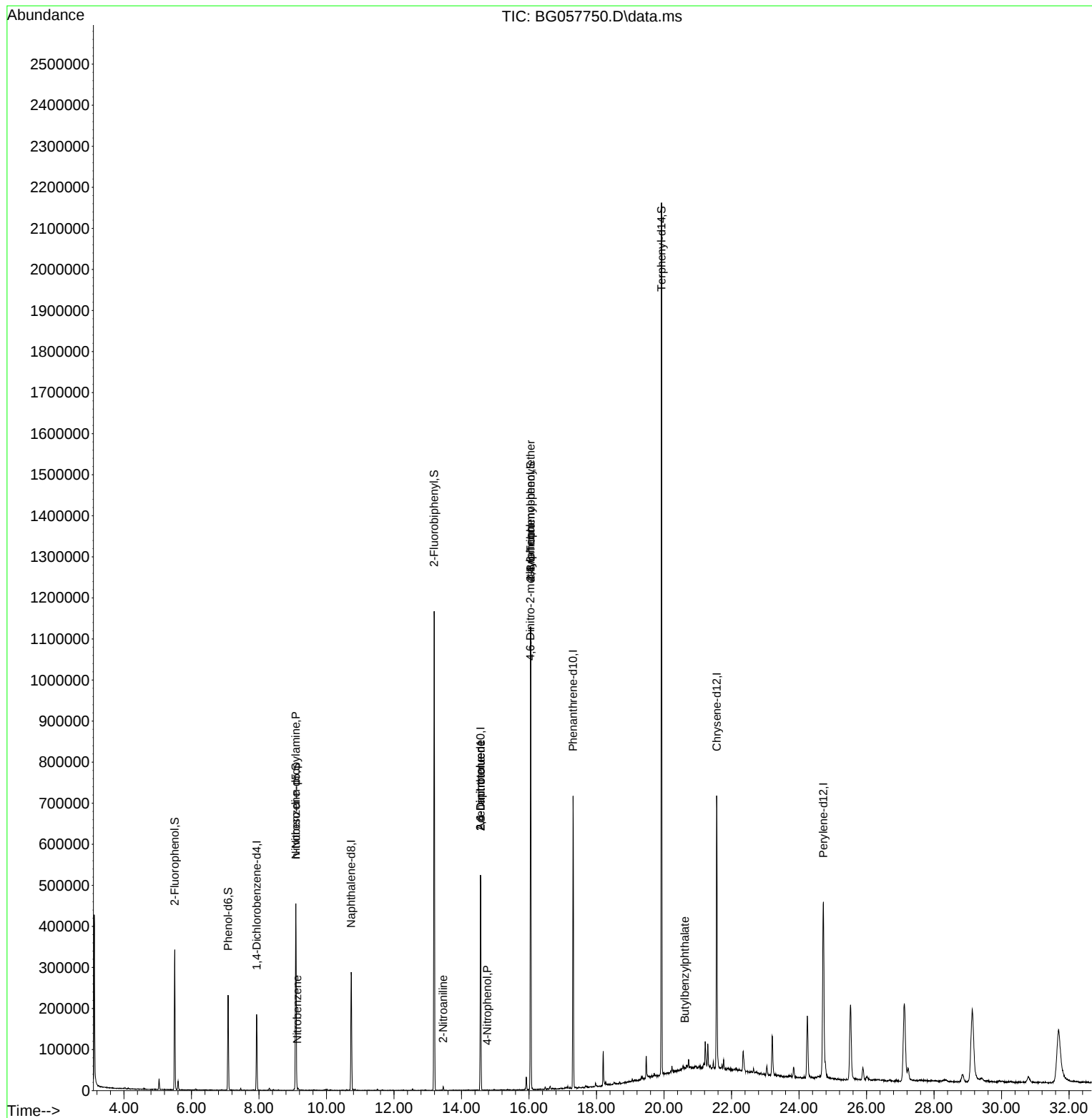
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	49613	20.000	ng	-0.01
21) Naphthalene-d8	10.732	136	239039	20.000	ng	-0.01
39) Acenaphthene-d10	14.563	164	183744	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	450285	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	379681	20.000	ng	-0.01
86) Perylene-d12	24.721	264	465631	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	136071	44.658	ng	0.00
7) Phenol-d6	7.083	99	131403	28.073	ng	-0.01
23) Nitrobenzene-d5	9.093	82	265286	71.649	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	223455	109.005	ng	-0.01
45) 2-Fluorobiphenyl	13.188	172	634558	51.478	ng	-0.01
79) Terphenyl-d14	19.927	244	1061663	51.698	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.093	70	33783	9.982	ng	# 74
24) Nitrobenzene	9.134	77	57	5.089	ng	# 44
48) 2-Nitroaniline	13.452	65	81	4.095	ng	# 12
51) 2,6-Dinitrotoluene	14.563	165	23672	17.583	ng	# 14
56) 4-Nitrophenol	14.762	139	124	4.232	ng	# 81
57) 2,4-Dinitrotoluene	14.563	165	23672	14.600	ng	# 17
65) 4,6-Dinitro-2-methylph...	16.043	198	459	2.129	ng	# 1
67) 4-Bromophenyl-phenylether	16.049	248	14928	3.256	ng	# 1
80) Butylbenzylphthalate	20.620	149	744	4.176	ng	# 41

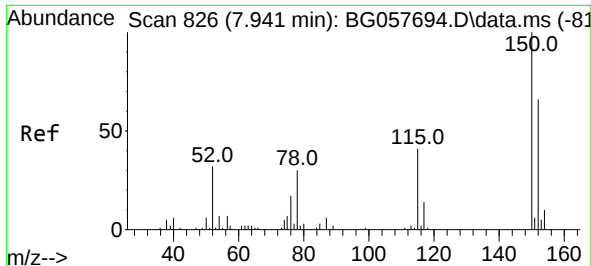
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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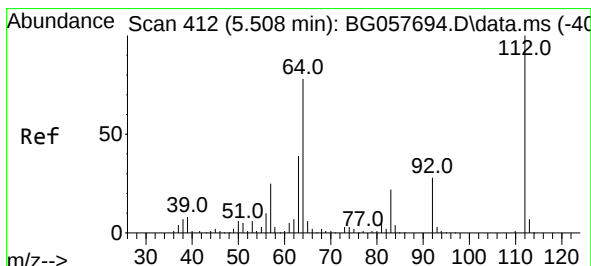
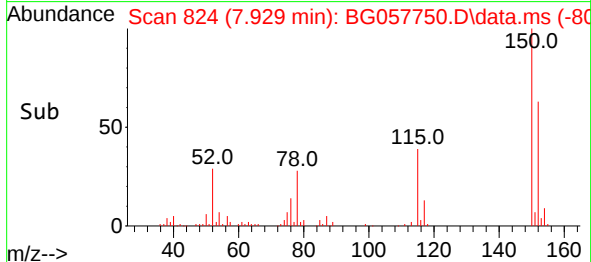
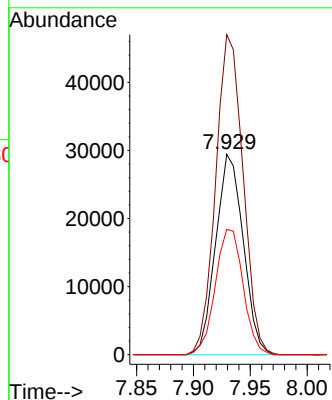
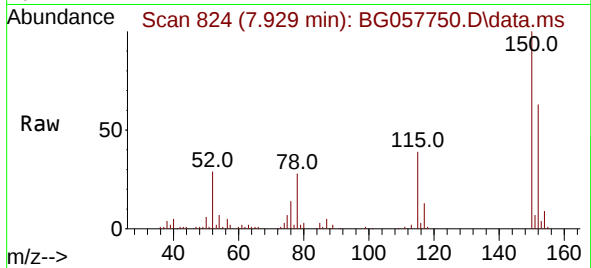




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

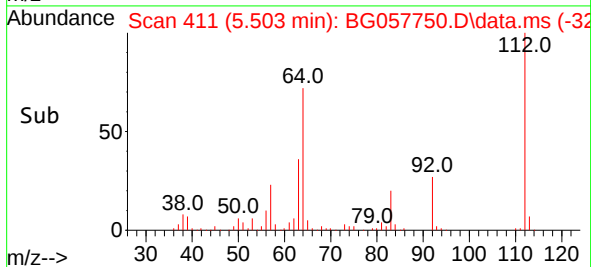
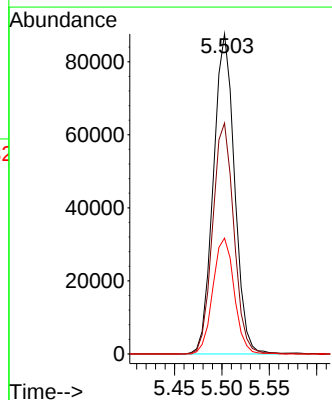
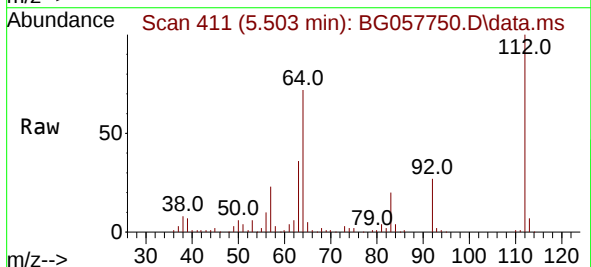
Instrument :
BNA_G
ClientSampleId :
MW-2A

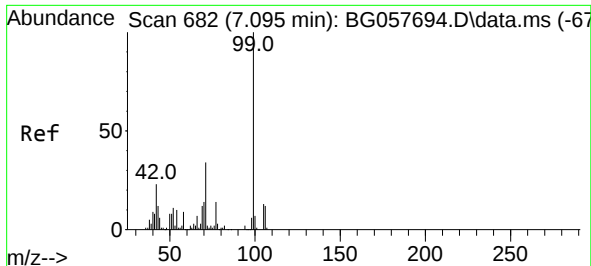
Tgt Ion:152 Resp: 49613
Ion Ratio Lower Upper
152 100
150 159.6 120.8 181.2
115 62.5 49.4 74.2



#5
2-Fluorophenol
Concen: 44.658 ng
RT: 5.503 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion:112 Resp: 136071
Ion Ratio Lower Upper
112 100
64 72.2 62.3 93.5
63 36.2 31.5 47.3

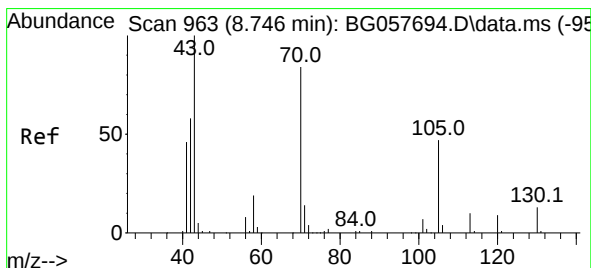
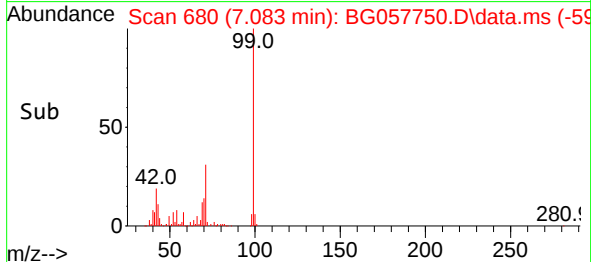
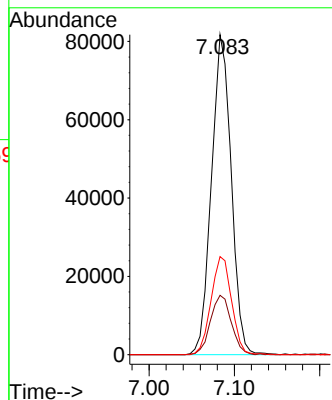
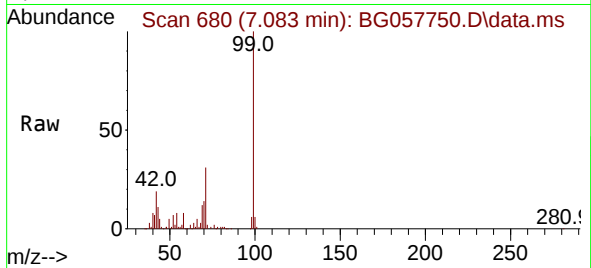




#7
Phenol-d6
Concen: 28.073 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

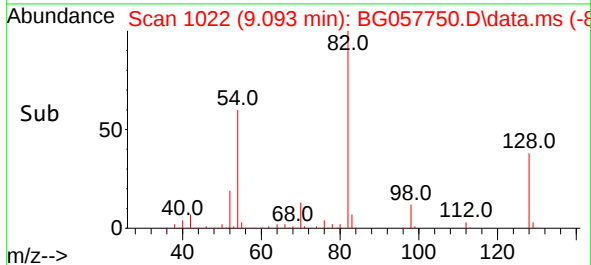
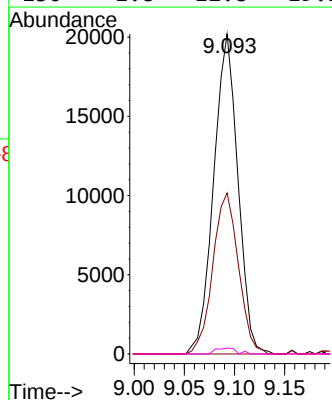
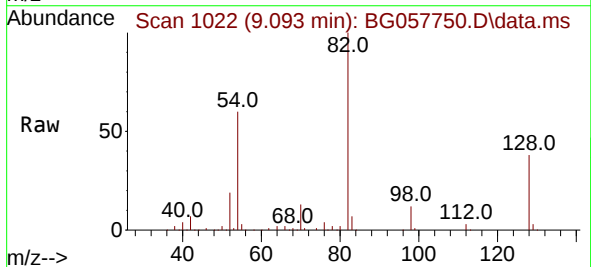
Instrument :
BNA_G
ClientSampleId :
MW-2A

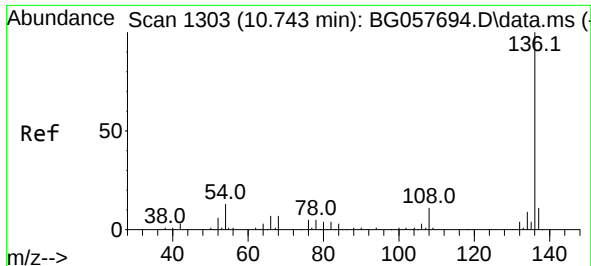
Tgt Ion: 99 Resp: 131403
Ion Ratio Lower Upper
99 100
42 18.6 18.3 27.5
71 30.7 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.982 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.345 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion: 70 Resp: 33783
Ion Ratio Lower Upper
70 100
42 50.3 56.6 84.8#
101 0.0 6.2 9.4#
130 1.8 12.8 19.2#

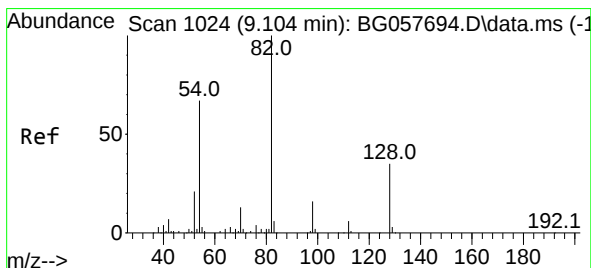
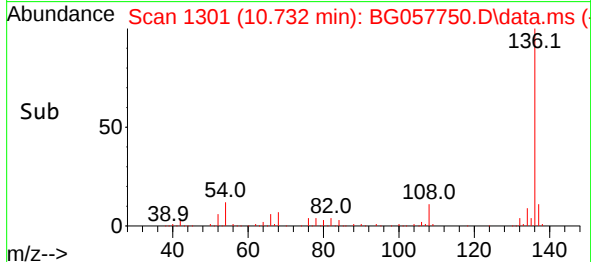
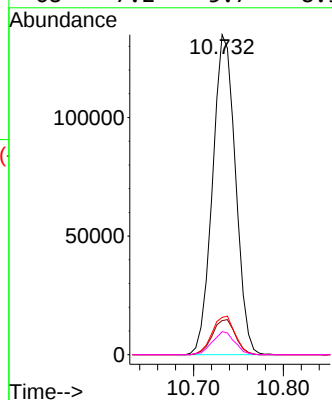
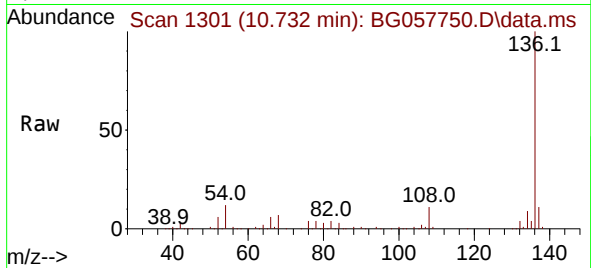




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

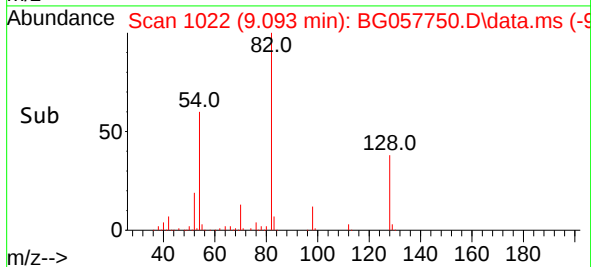
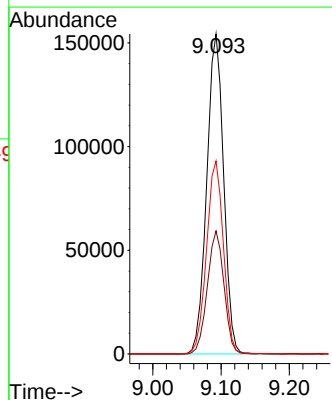
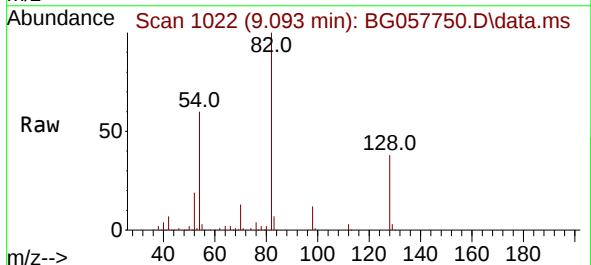
Instrument :
BNA_G
ClientSampleId :
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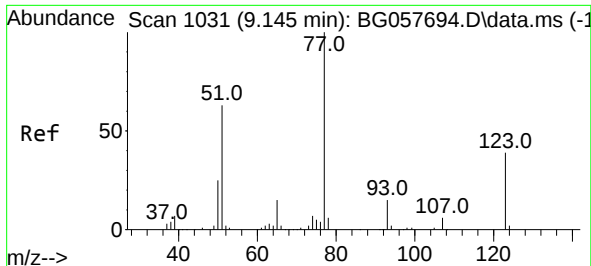
Tgt Ion:	136	Resp:	239039
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	11.7	10.8	16.2
68	7.2	5.7	8.5



#23
Nitrobenzene-d5
Concen: 71.649 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion:	82	Resp:	265286
Ion Ratio	Lower	Upper	
82	100		
128	38.5	27.7	41.5
54	60.3	53.8	80.8

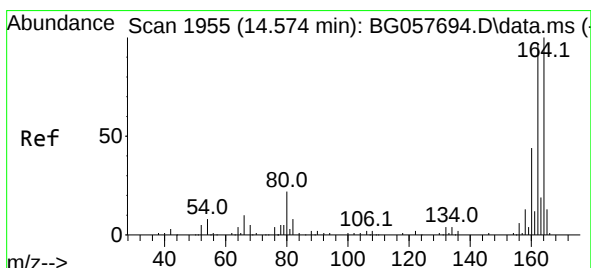
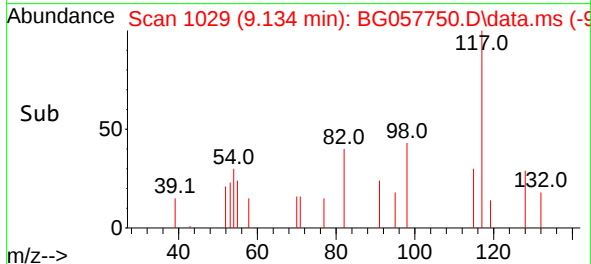
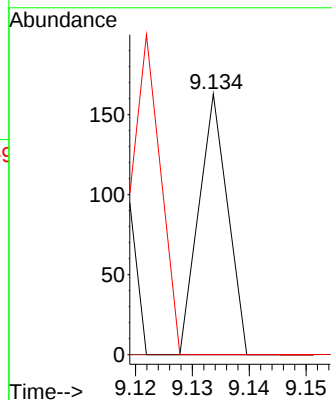
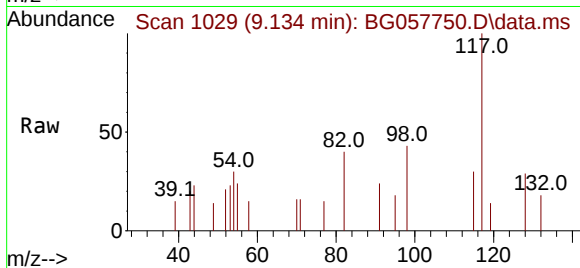




#24
Nitrobenzene
Concen: 5.089 ng
RT: 9.134 min Scan# 1031
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

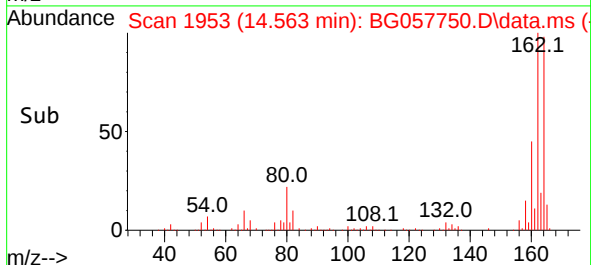
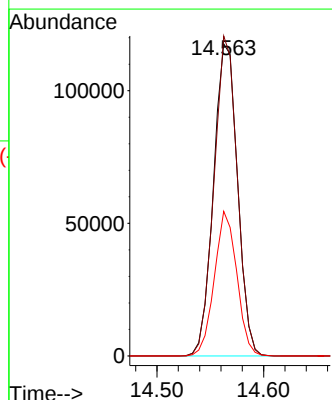
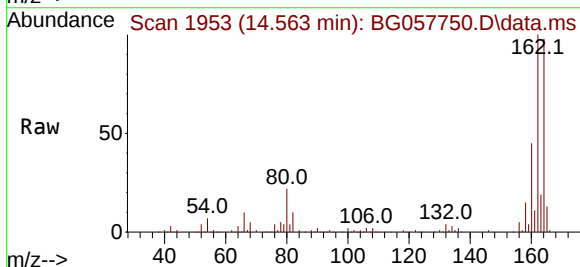
Instrument :
BNA_G
ClientSampleId :
MW-2A

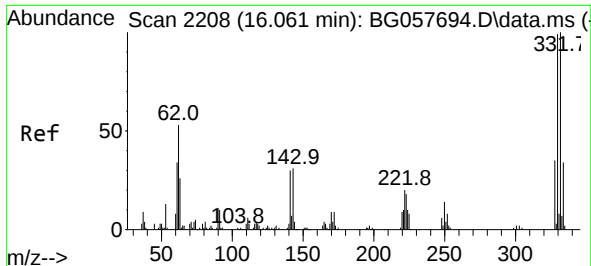
Tgt Ion: 77 Resp: 57
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion:164 Resp: 183744
Ion Ratio Lower Upper
164 100
162 102.6 77.7 116.5
160 46.4 35.1 52.7

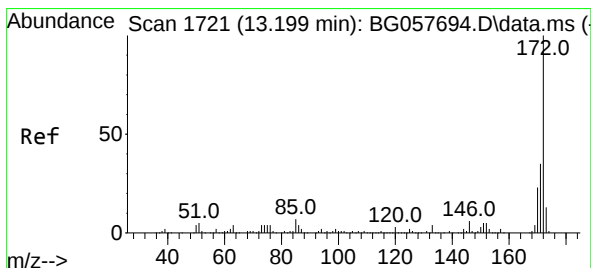
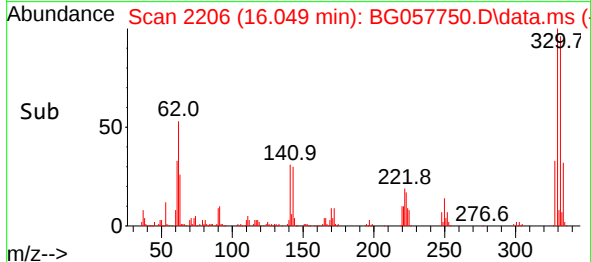
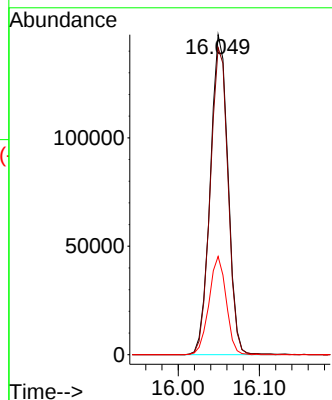
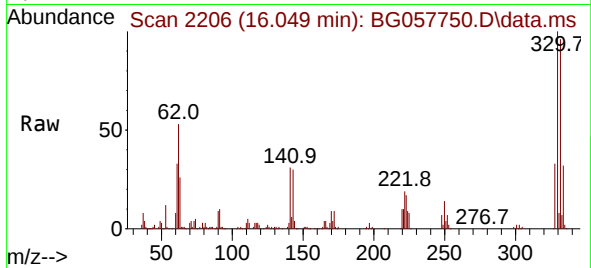




#42
2,4,6-Tribromophenol
Concen: 109.005 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

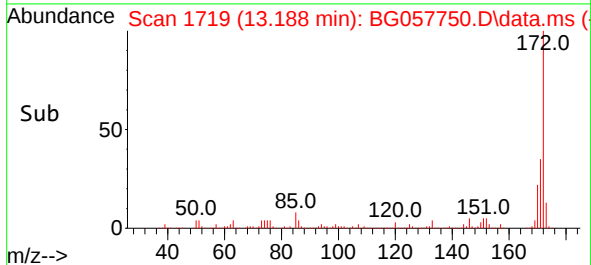
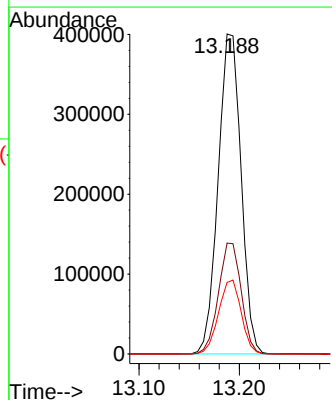
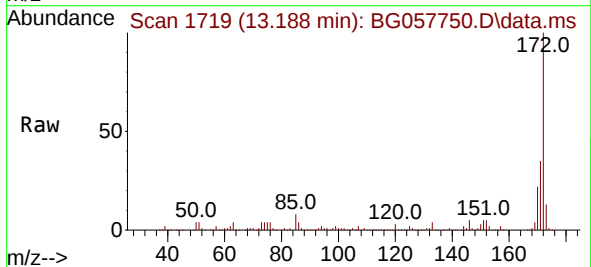
Instrument :
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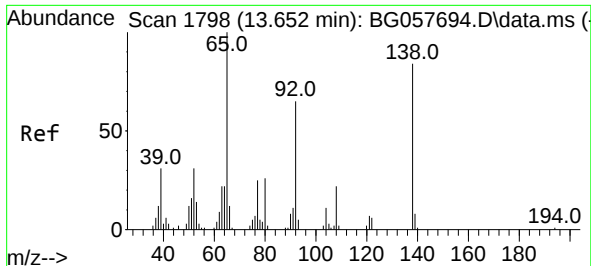
Tgt Ion:330 Resp: 223455
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.6
141 29.6 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 51.478 ng
RT: 13.188 min Scan# 1719
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion:172 Resp: 634558
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 22.3 18.2 27.4

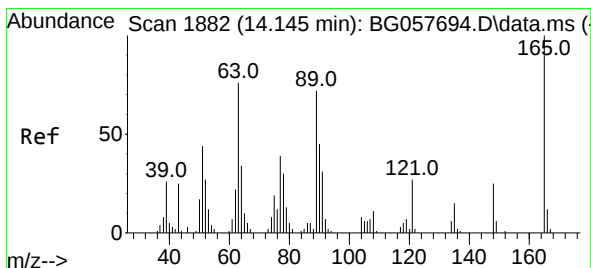
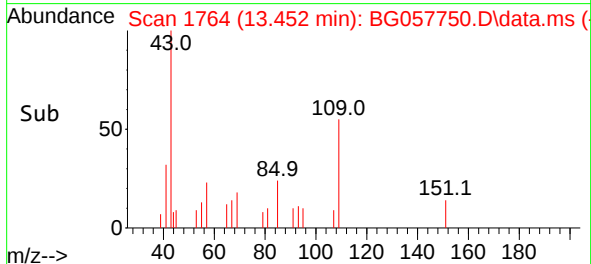
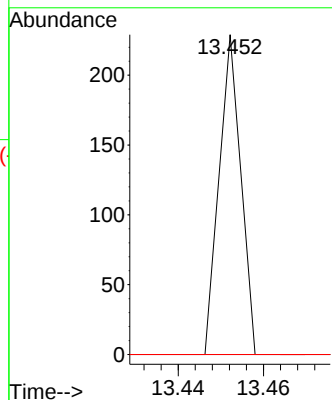
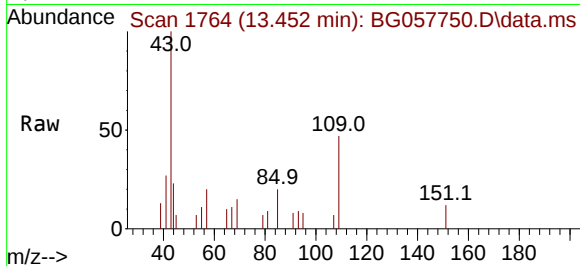




#48
2-Nitroaniline
Concen: 4.095 ng
RT: 13.452 min Scan# 11
Delta R.T. -0.201 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

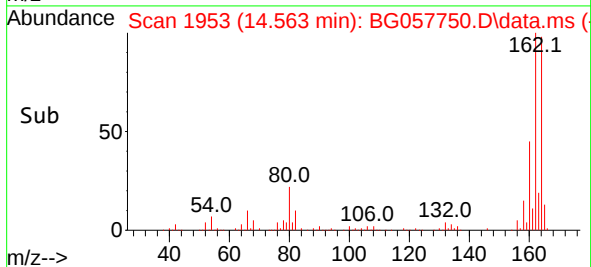
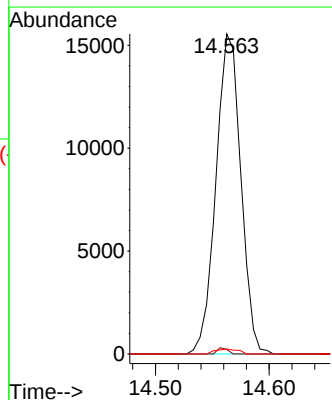
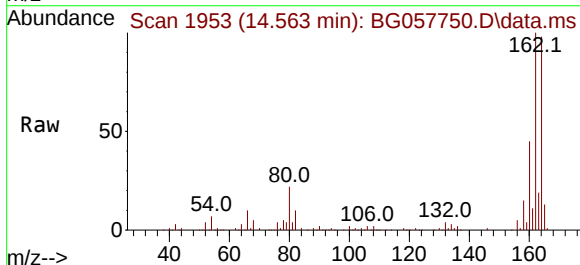
Instrument :
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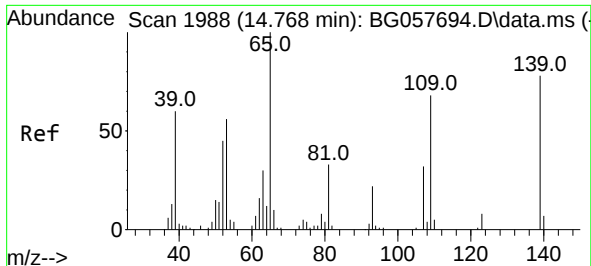
Tgt Ion: 65 Resp: 81
Ion Ratio Lower Upper
65 100
92 0.0 52.2 78.4#
138 0.0 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.583 ng
RT: 14.563 min Scan# 1953
Delta R.T. 0.416 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion:165 Resp: 23672
Ion Ratio Lower Upper
165 100
63 1.4 62.3 93.5#
89 1.6 57.4 86.0#

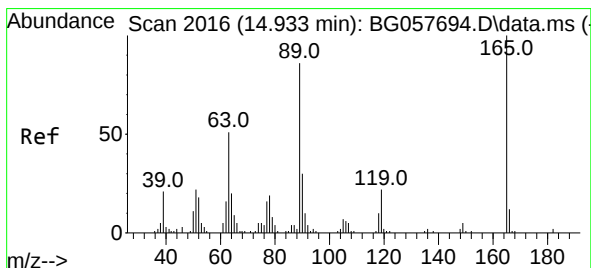
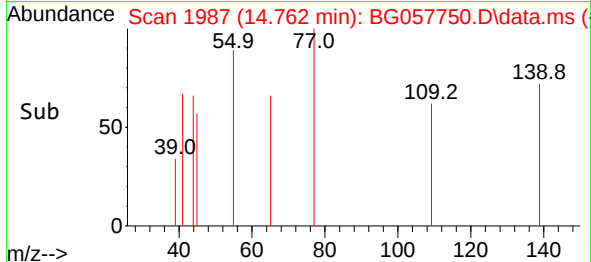
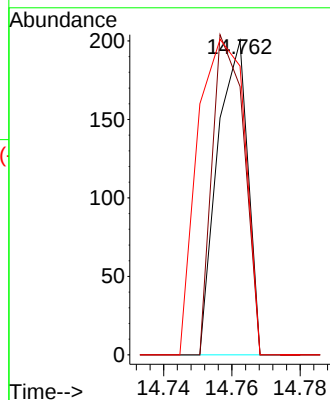
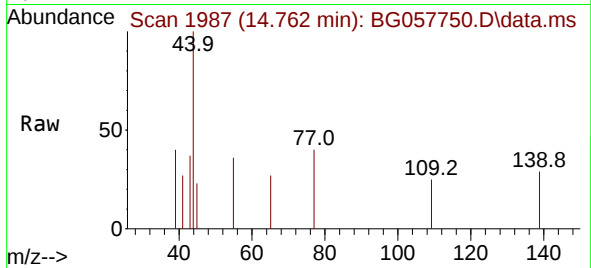




#56
4-Nitrophenol
Concen: 4.232 ng
RT: 14.762 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

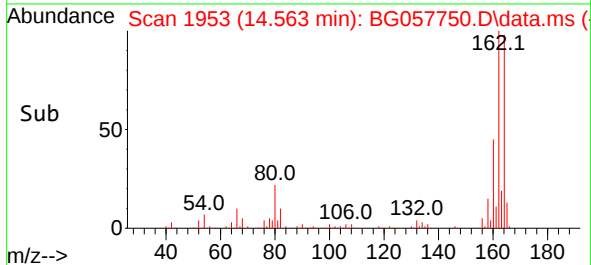
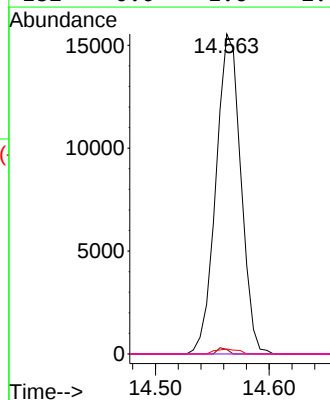
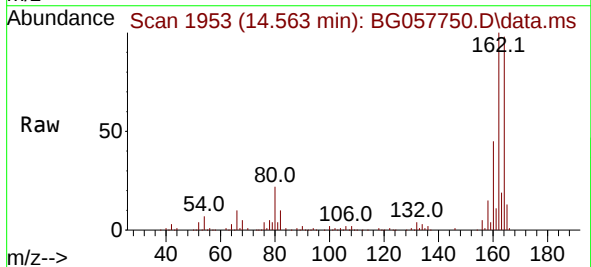
Instrument :
BNA_G
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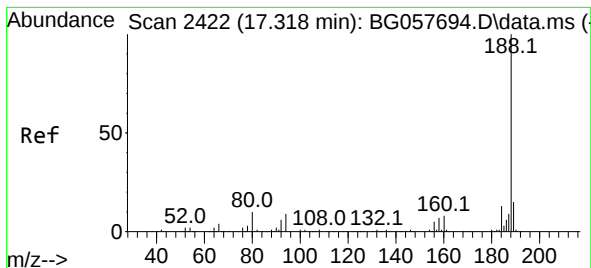
Tgt Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 85.5 67.3 107.3
65 92.0 108.3 148.3#



#57
2,4-Dinitrotoluene
Concen: 14.600 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.371 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion:165 Resp: 23672
Ion Ratio Lower Upper
165 100
63 1.4 40.8 61.2#
89 1.6 68.5 102.7#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 24

Delta R.T. -0.013 min

Lab File: BG057750.D

Acq: 17 Jun 2023 1:46

Instrument :

BNA_G

ClientSampleId :

MW-2A

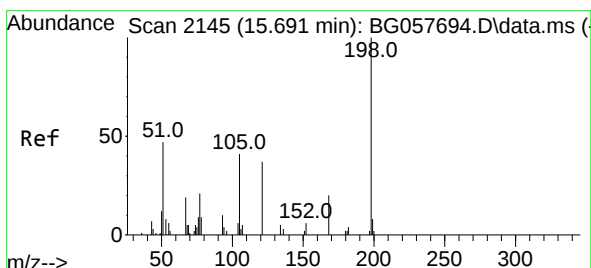
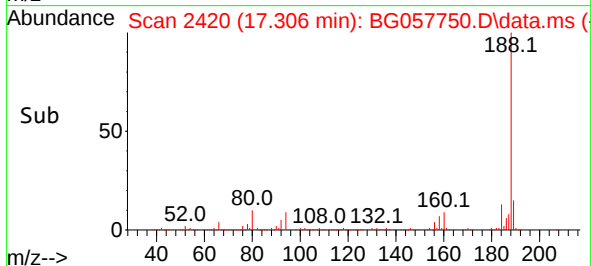
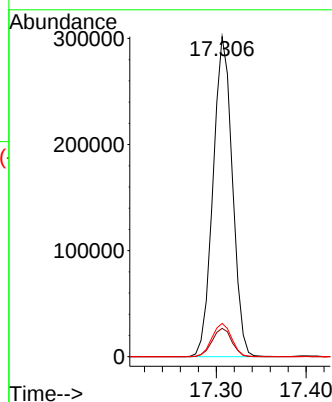
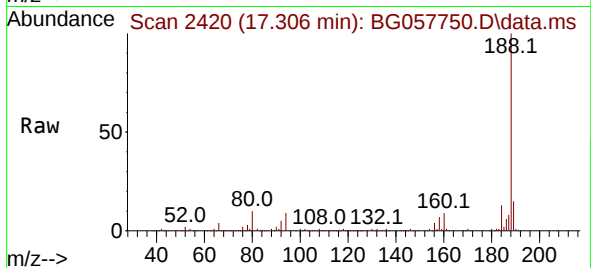
Tgt Ion:188 Resp: 450285

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 10.4 8.2 12.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.129 ng

RT: 16.043 min Scan# 2205

Delta R.T. 0.351 min

Lab File: BG057750.D

Acq: 17 Jun 2023 1:46

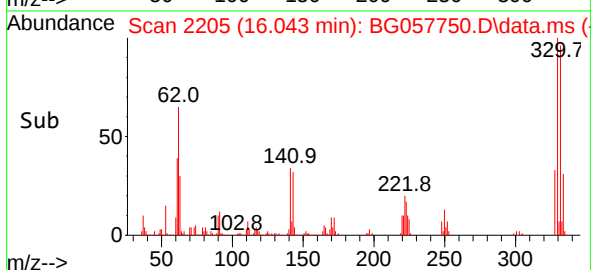
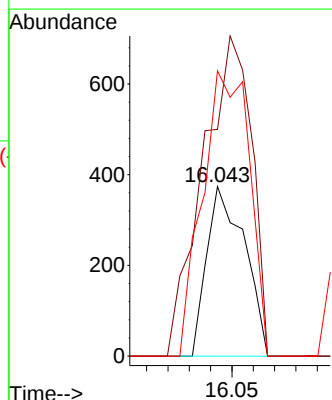
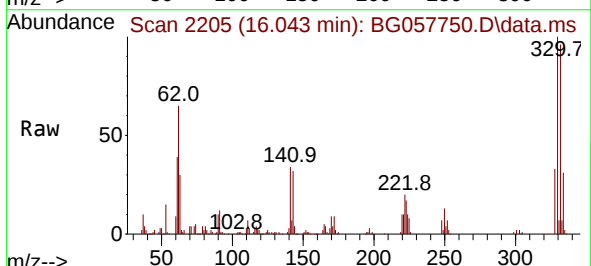
Tgt Ion:198 Resp: 459

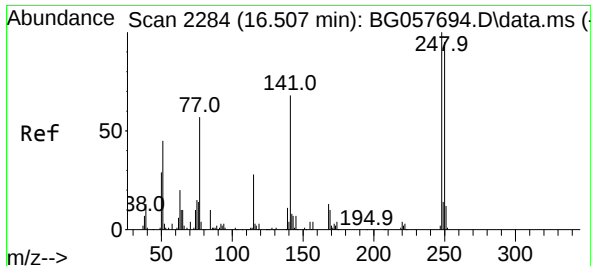
Ion Ratio Lower Upper

198 100

51 133.7 42.0 82.0#

105 168.2 30.9 70.9#

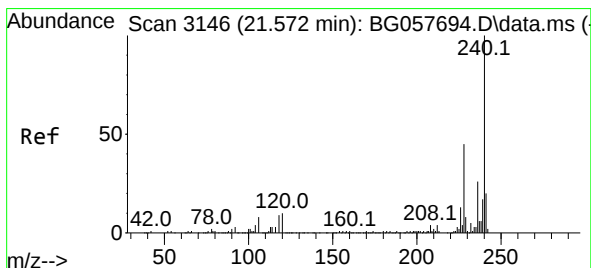
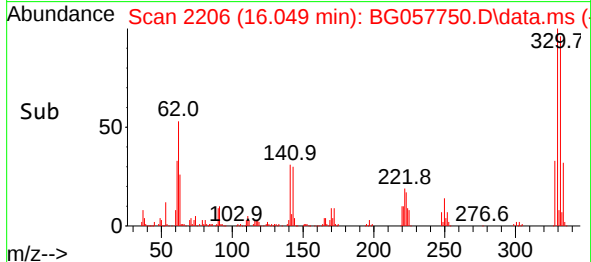
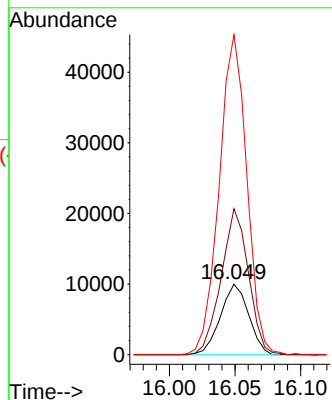
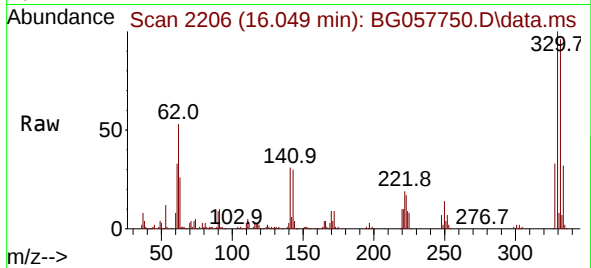




#67
4-Bromophenyl-phenylether
Concen: 3.256 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.459 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

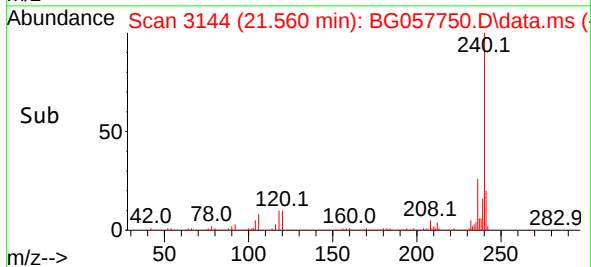
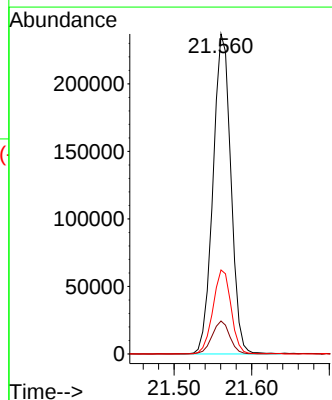
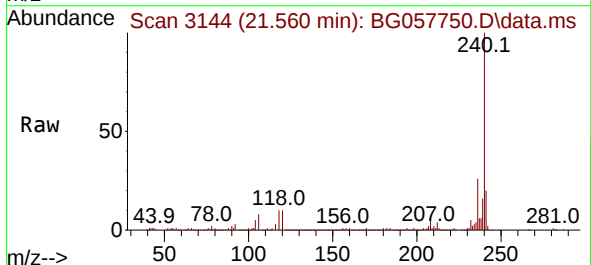
Instrument :
BNA_G
ClientSampleId :
MW-2A

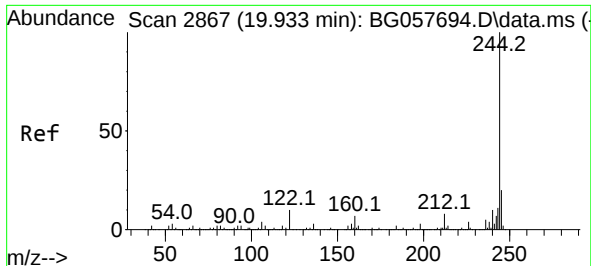
Tgt Ion:248 Resp: 14928
Ion Ratio Lower Upper
248 100
250 207.3 76.3 114.5#
141 454.4 54.6 82.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG057750.D
Acq: 17 Jun 2023 1:46

Tgt Ion:240 Resp: 379681
Ion Ratio Lower Upper
240 100
120 10.3 8.1 12.1
236 26.2 20.7 31.1

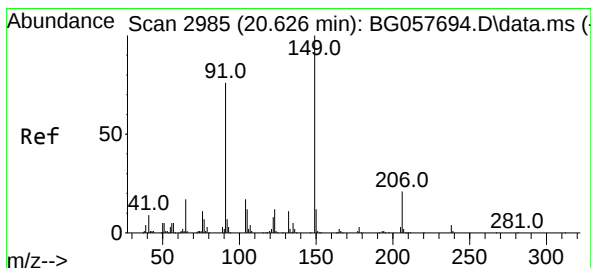
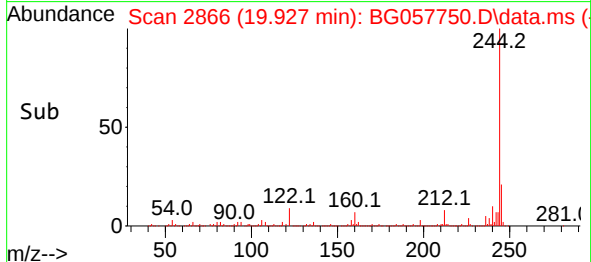
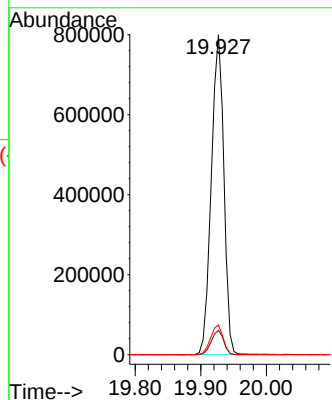
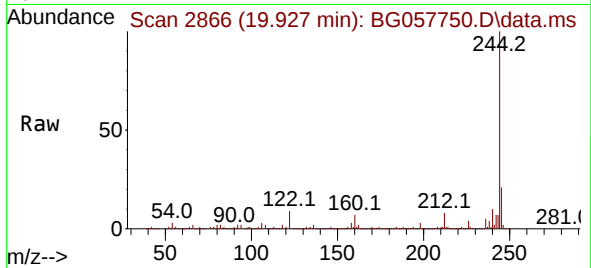




#79
 Terphenyl-d14
 Concen: 51.698 ng
 RT: 19.927 min Scan# 2866
 Delta R.T. -0.007 min
 Lab File: BG057750.D
 Acq: 17 Jun 2023 1:46

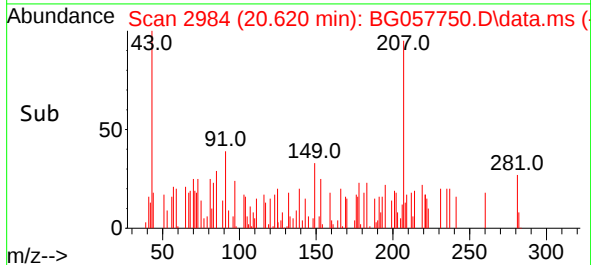
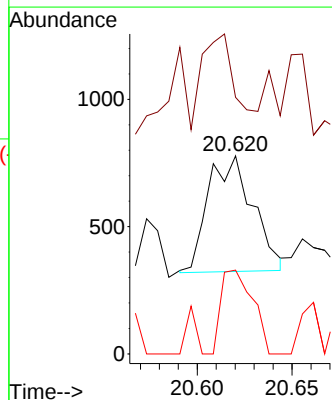
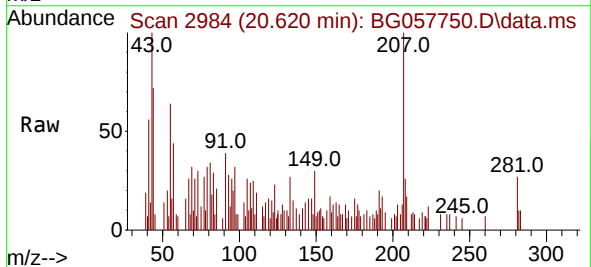
Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

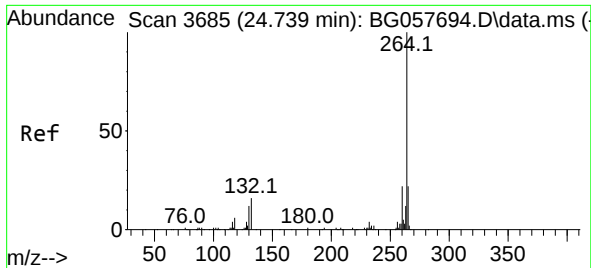
Tgt Ion:244 Resp: 1061663
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 9.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.176 ng
 RT: 20.620 min Scan# 2984
 Delta R.T. -0.007 min
 Lab File: BG057750.D
 Acq: 17 Jun 2023 1:46

Tgt Ion:149 Resp: 744
 Ion Ratio Lower Upper
 149 100
 91 129.6 60.8 91.2#
 206 42.3 16.8 25.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.721 min Scan# 30

Delta R.T. -0.013 min

Lab File: BG057750.D

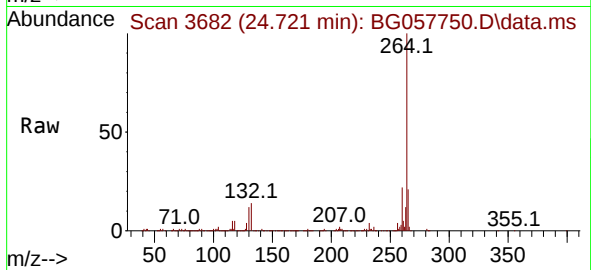
Acq: 17 Jun 2023 1:46

Instrument :

BNA_G

ClientSampleId :

MW-2A



Tgt Ion:264 Resp: 465631

Ion Ratio Lower Upper

264 100

260 22.4 17.3 25.9

265 21.1 17.5 26.3

