

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG057000.D
 Acq On : 5 Apr 2023 21:23
 Operator : CG/JU
 Sample : 02084-02DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5BDL

Quant Time: Apr 06 02:04:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

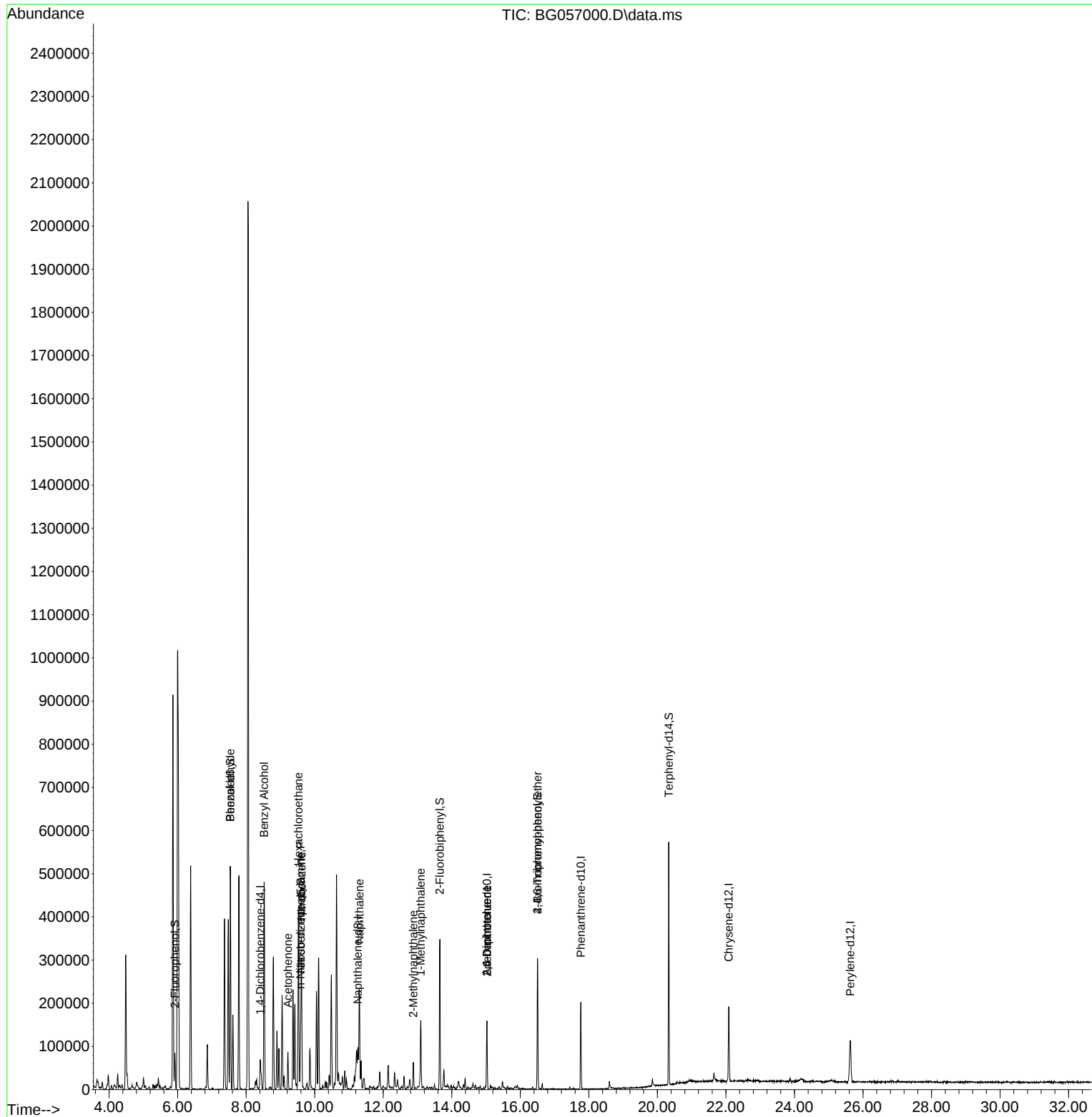
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	17217	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	70794	20.000	ng	# 0.00
39) Acenaphthene-d10	15.027	164	54090	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	124871	20.000	ng	0.00
76) Chrysene-d12	22.082	240	108808	20.000	ng	-0.01
86) Perylene-d12	25.630	264	112712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	31891	29.645	ng	0.00
7) Phenol-d6	7.537	99	27806	17.282	ng	0.00
23) Nitrobenzene-d5	9.593	82	71668	41.423	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	59071	68.361	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	174317	43.700	ng	0.00
79) Terphenyl-d14	20.332	244	267432	41.590	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.537	77	39854	39.492	ng	# 1
15) Benzyl Alcohol	8.524	79	27206	20.350	ng	# 9
18) Hexachloroethane	9.529	117	63901	146.308	ng	# 1
19) n-Nitroso-di-n-propyla...	9.587	70	10347	8.991	ng	# 82
22) Acetophenone	9.217	105	58130	27.595	ng	# 55
24) Nitrobenzene	9.617	77	12272	6.938	ng	# 17
31) Naphthalene	11.303	128	147703	38.277	ng	97
37) 2-Methylnaphthalene	12.877	142	25535	8.338	ng	94
38) 1-Methylnaphthalene	13.094	142	67195	23.366	ng	95
51) 2,6-Dinitrotoluene	15.027	165	7052	7.658	ng	# 23
57) 2,4-Dinitrotoluene	15.027	165	7052	5.430	ng	# 24
67) 4-Bromophenyl-phenylether	16.502	248	3432	2.221	ng	# 1

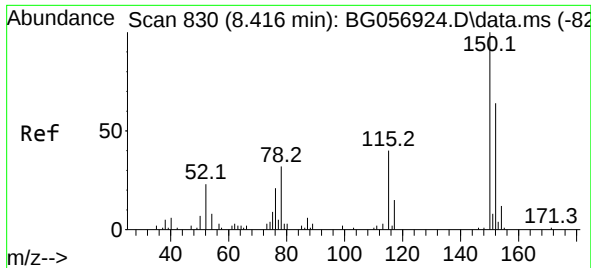
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 06 02:04:22 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 01:57:04 2023
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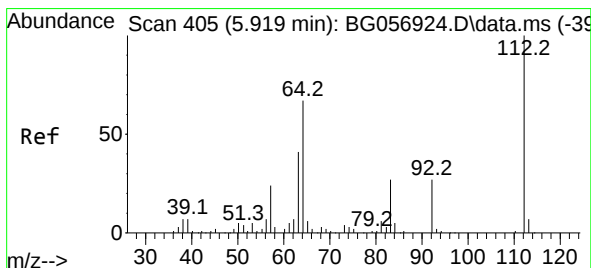
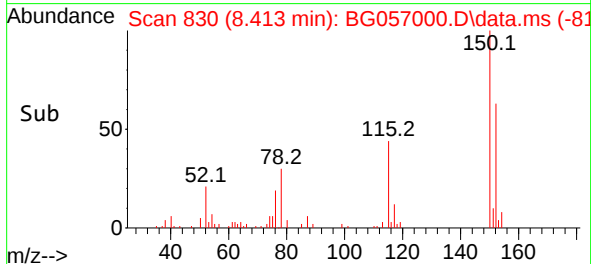
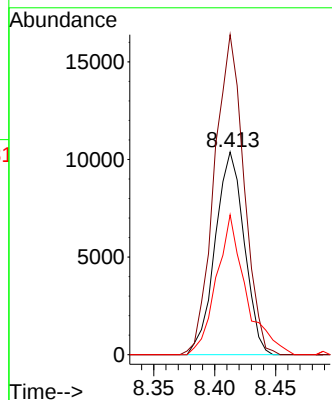
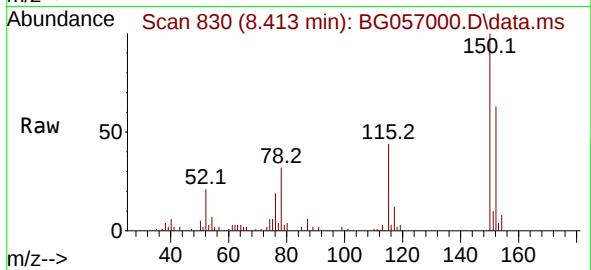




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

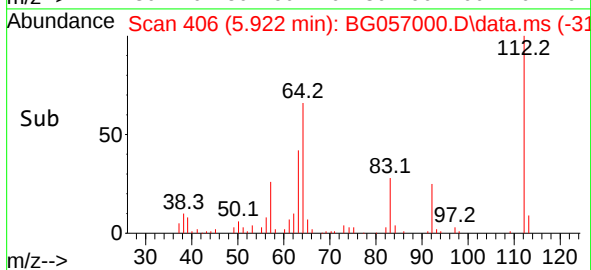
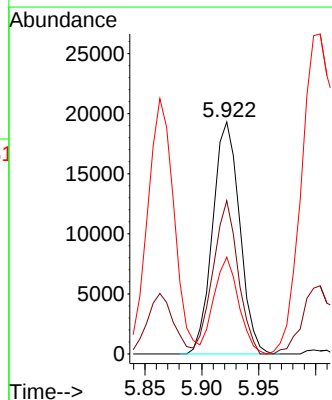
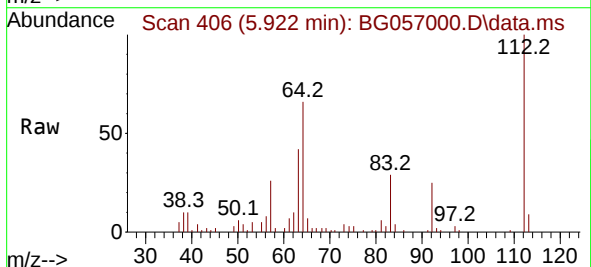
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

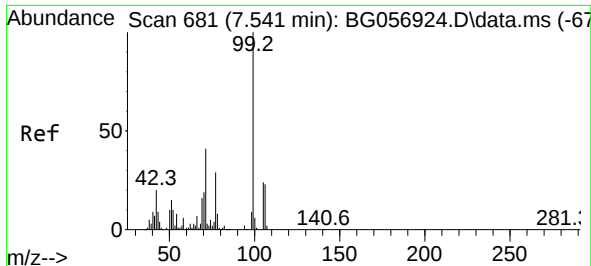
Tgt Ion:152 Resp: 17217
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 69.0 49.1 73.7



#5
2-Fluorophenol
Concen: 29.645 ng
RT: 5.922 min Scan# 406
Delta R.T. -0.001 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:112 Resp: 31891
Ion Ratio Lower Upper
112 100
64 66.1 53.2 79.8
63 41.7 32.6 48.8



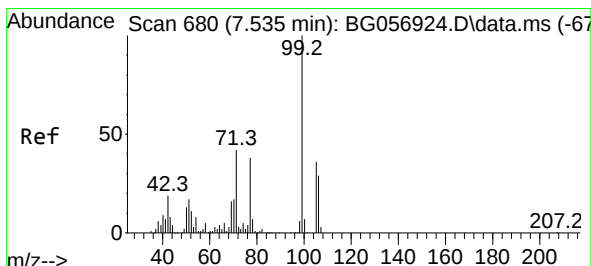
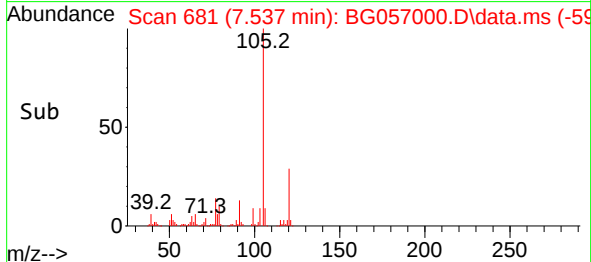
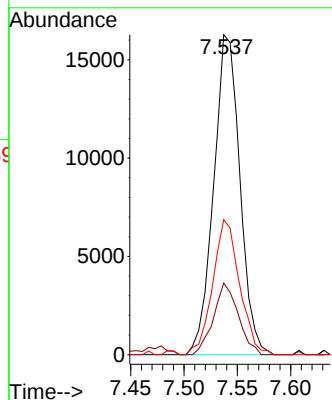
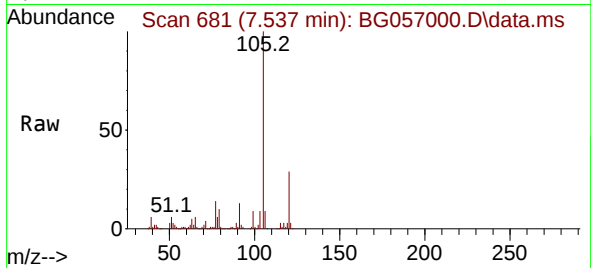


#7
Phenol-d6
Concen: 17.282 ng
RT: 7.537 min Scan# 681
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Instrument :
BNA_G
ClientSampleId :
MW-5BDL

Tgt Ion: 99 Resp: 27806

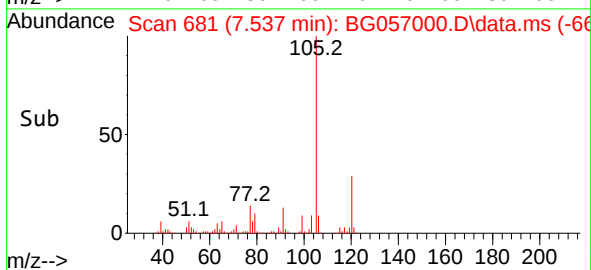
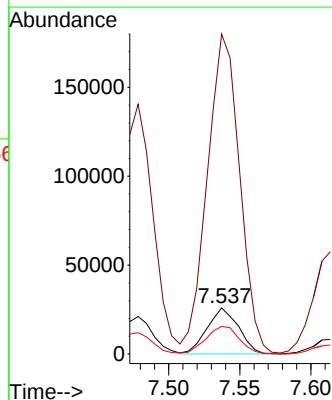
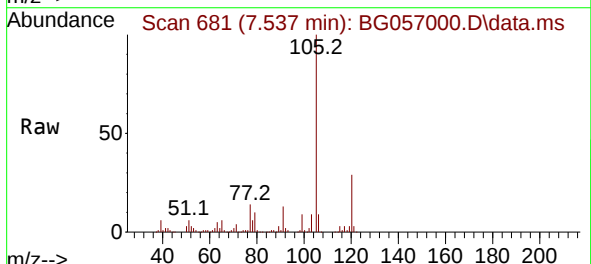
Ion	Ratio	Lower	Upper
99	100		
42	22.4	15.7	23.5
71	42.2	32.5	48.7

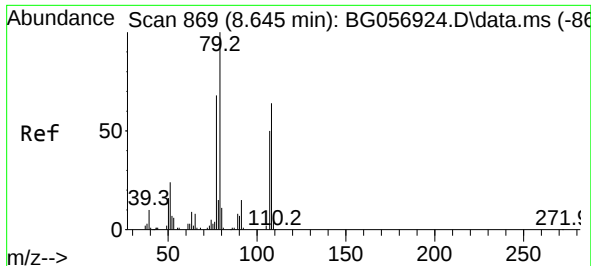


#9
Benzaldehyde
Concen: 39.492 ng
RT: 7.537 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion: 77 Resp: 39854

Ion	Ratio	Lower	Upper
77	100		
105	694.4	73.6	113.6#
106	59.7	56.7	96.7

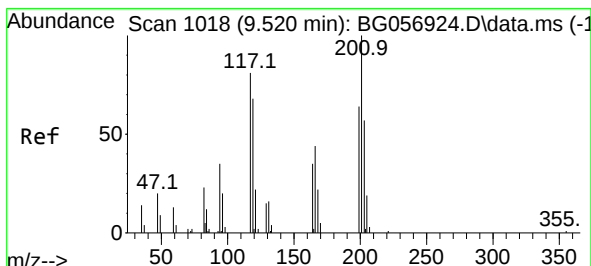
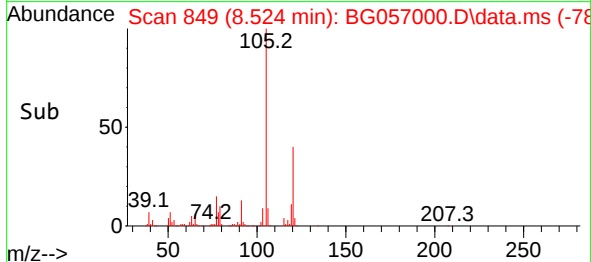
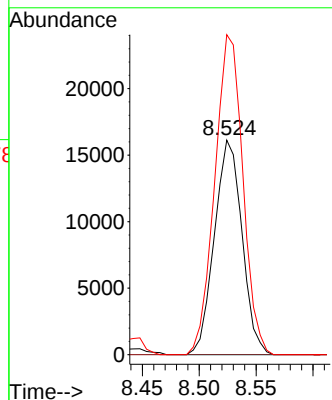
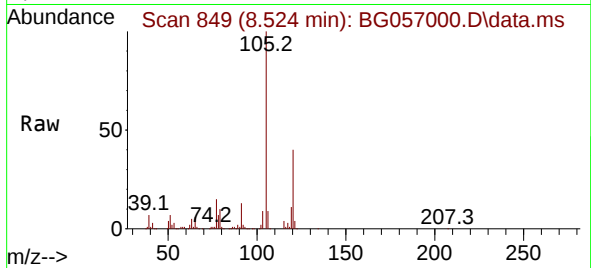




#15
Benzyl Alcohol
Concen: 20.350 ng
RT: 8.524 min Scan# 84
Delta R.T. -0.125 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

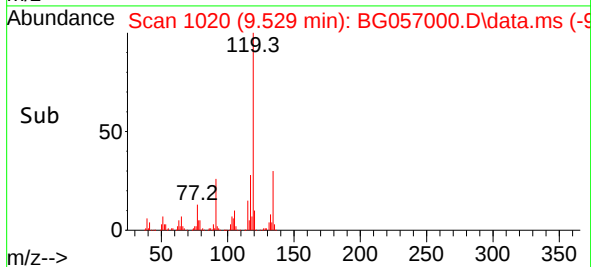
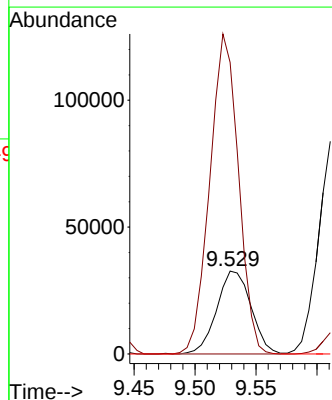
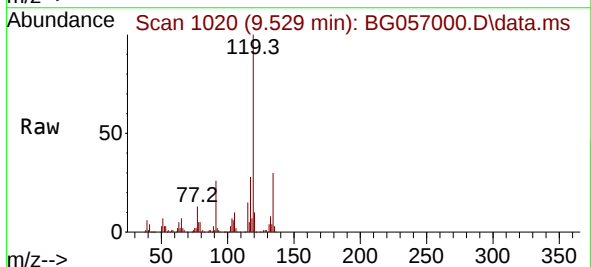
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

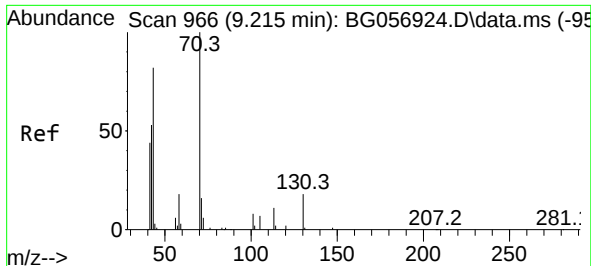
Tgt Ion: 79 Resp: 27206
Ion Ratio Lower Upper
79 100
108 0.0 51.2 76.8#
77 149.1 54.4 81.6#



#18
Hexachloroethane
Concen: 146.308 ng
RT: 9.529 min Scan# 1020
Delta R.T. 0.010 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion: 117 Resp: 63901
Ion Ratio Lower Upper
117 100
119 351.9 67.0 100.6#
201 0.0 98.7 148.1#

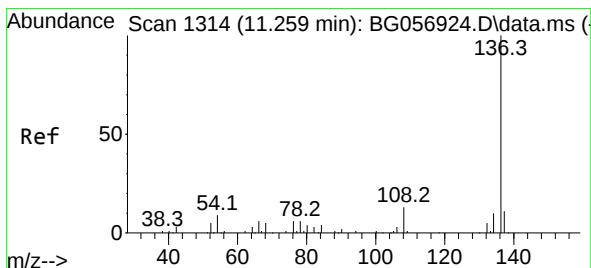
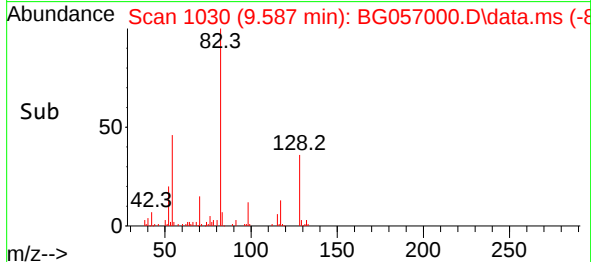
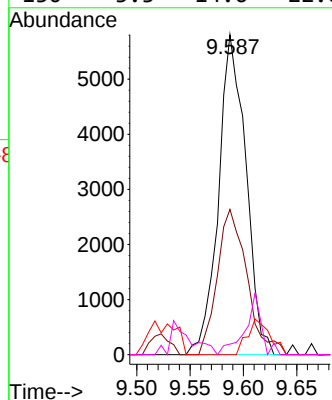
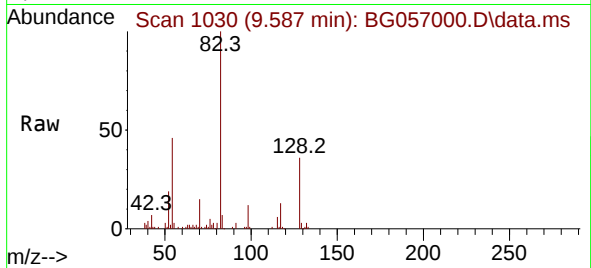




#19
n-Nitroso-di-n-propylamine
Concen: 8.991 ng
RT: 9.587 min Scan# 1030
Delta R.T. 0.369 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

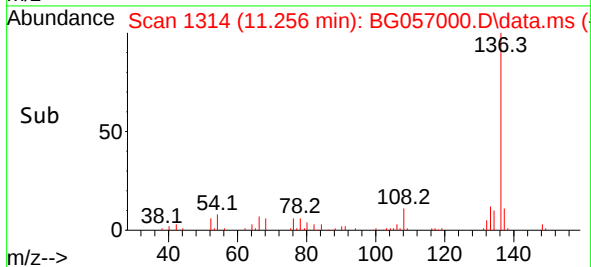
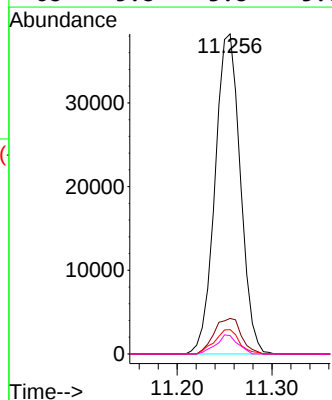
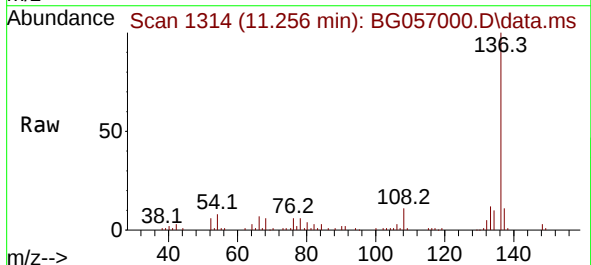
Instrument :
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ClientSampleId :
MW-5BDL

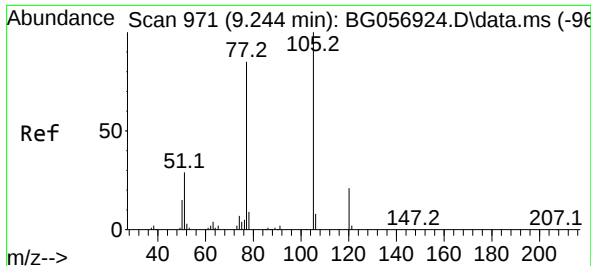
Tgt Ion: 70 Resp: 10347
Ion Ratio Lower Upper
70 100
42 45.4 43.4 65.0
101 0.0 6.2 9.2#
130 3.3 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion: 136 Resp: 70794
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.6 6.9 10.3
68 5.8 3.8 5.6#

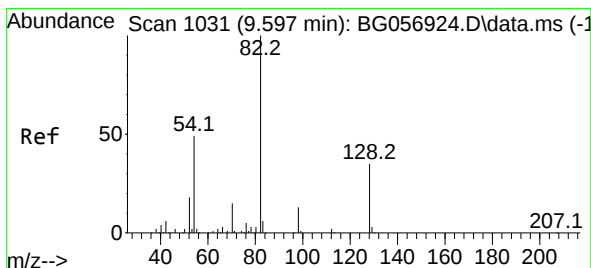
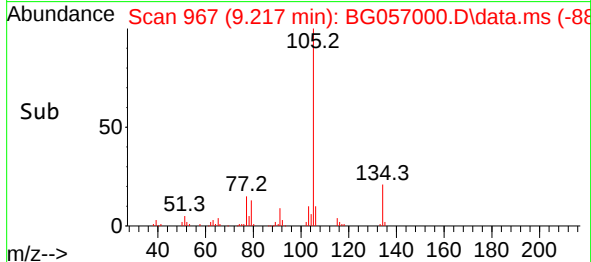
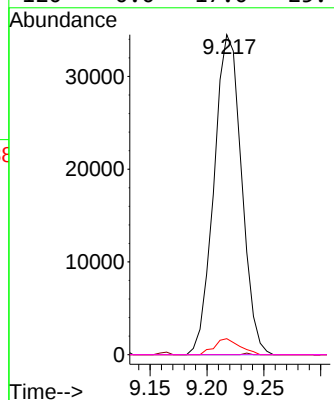
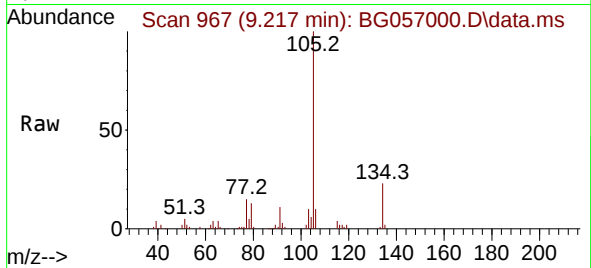




#22
Acetophenone
Concen: 27.595 ng
RT: 9.217 min Scan# 90
Delta R.T. -0.031 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

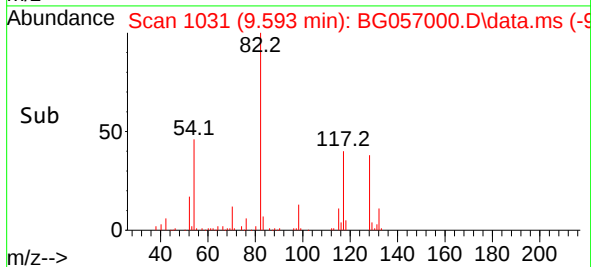
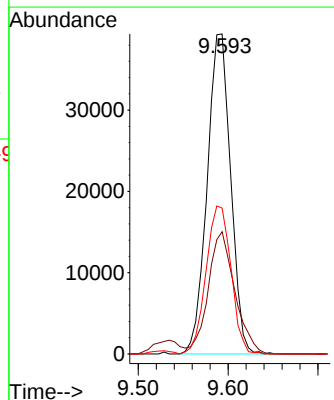
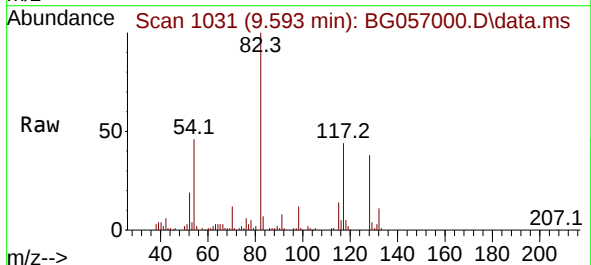
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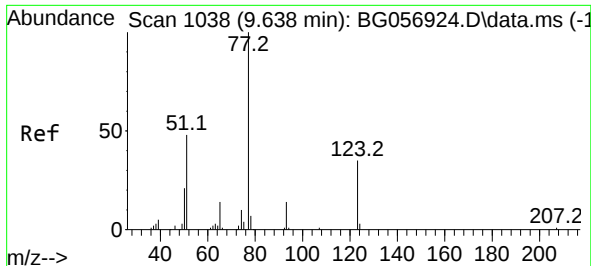
Tgt Ion:105 Resp: 58130
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 5.0 23.8 35.8#
120 0.0 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 41.423 ng
RT: 9.593 min Scan# 1031
Delta R.T. -0.001 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion: 82 Resp: 71668
Ion Ratio Lower Upper
82 100
128 38.2 27.9 41.9
54 45.6 39.4 59.2

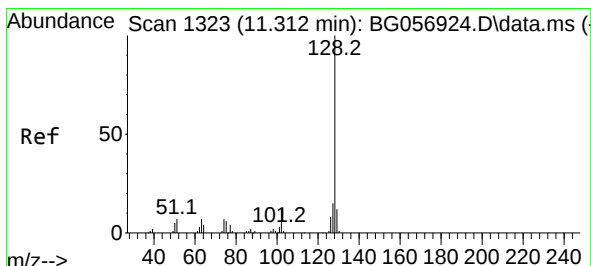
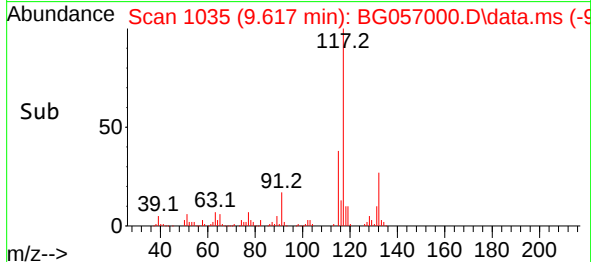
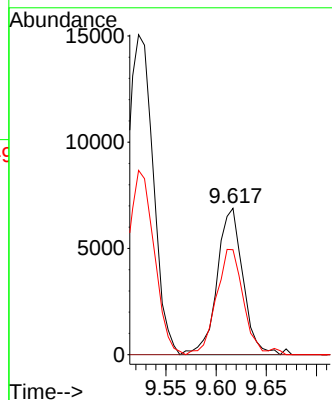
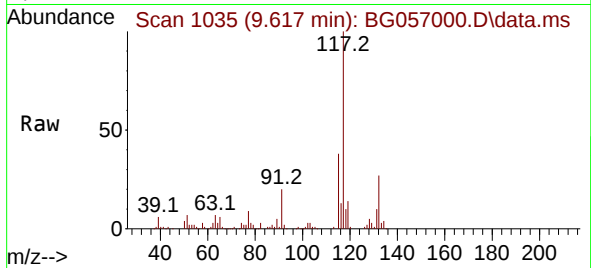




#24
Nitrobenzene
Concen: 6.938 ng
RT: 9.617 min Scan# 1035
Delta R.T. -0.025 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

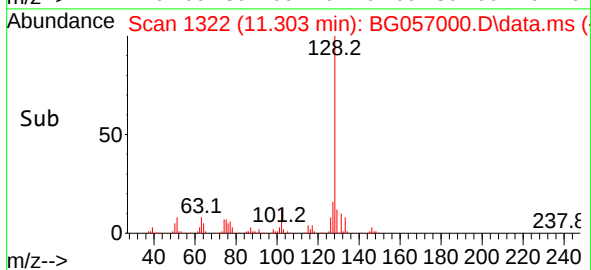
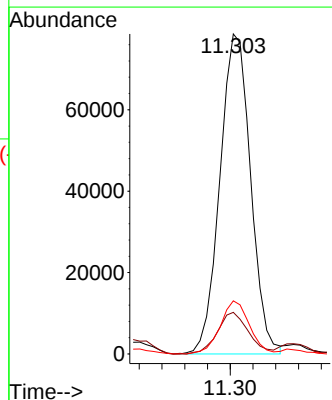
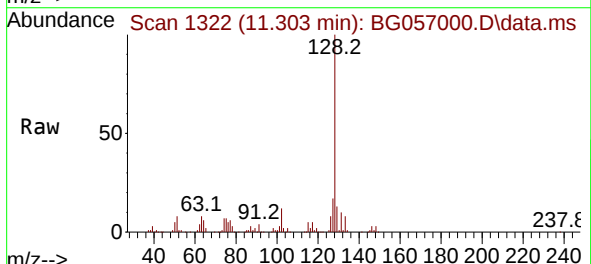
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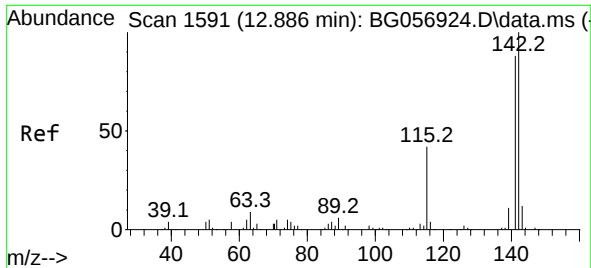
Tgt Ion: 77 Resp: 12272
Ion Ratio Lower Upper
77 100
123 0.0 27.6 41.4#
65 71.7 11.5 17.3#



#31
Naphthalene
Concen: 38.277 ng
RT: 11.303 min Scan# 1322
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:128 Resp: 147703
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.2
127 16.6 12.2 18.4

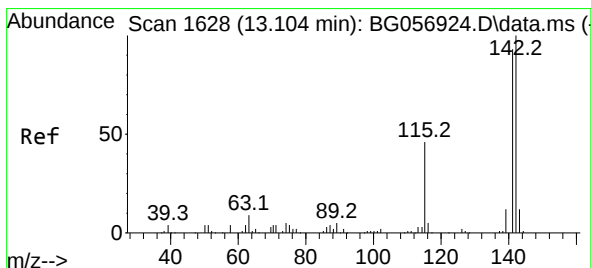
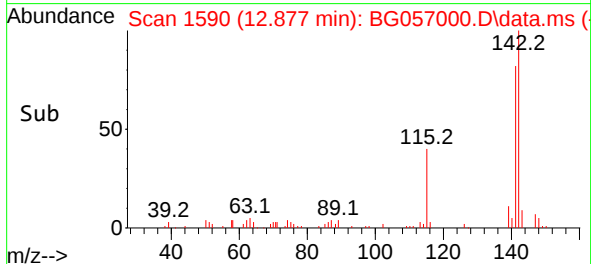
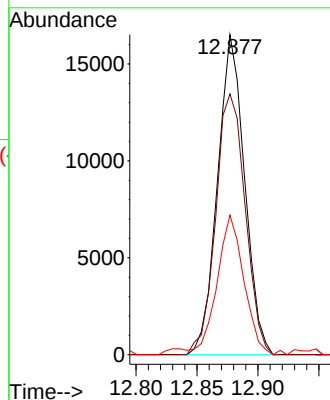
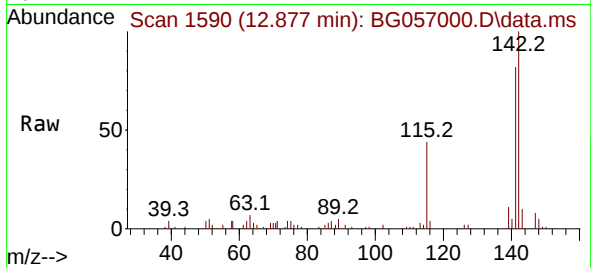




#37
2-Methylnaphthalene
Concen: 8.338 ng
RT: 12.877 min Scan# 1590
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

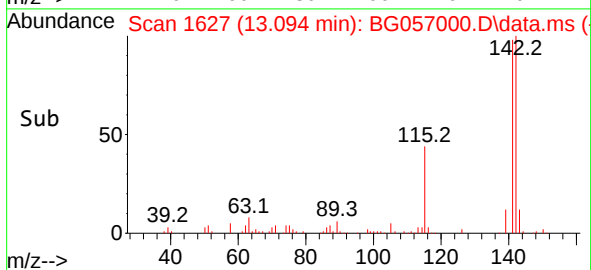
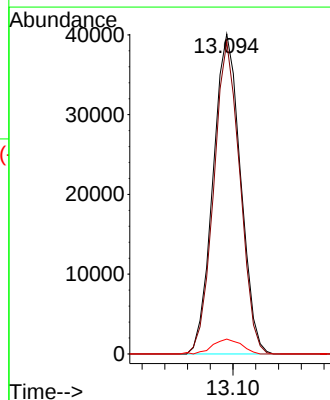
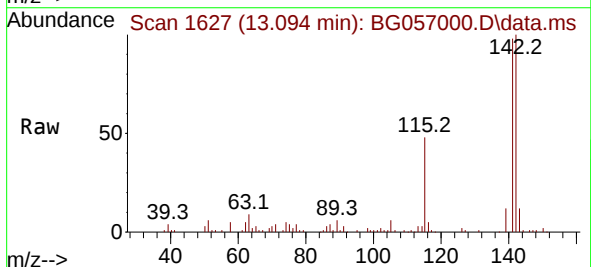
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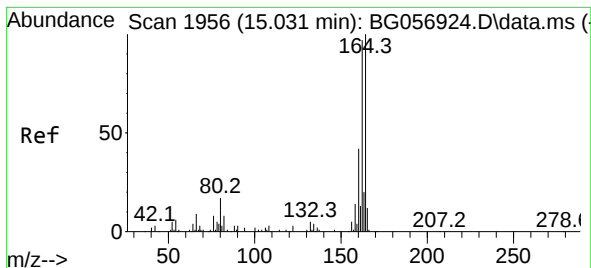
Tgt Ion:142 Resp: 25535
Ion Ratio Lower Upper
142 100
141 81.5 70.3 105.5
115 43.6 33.5 50.3



#38
1-Methylnaphthalene
Concen: 23.366 ng
RT: 13.094 min Scan# 1627
Delta R.T. -0.007 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:142 Resp: 67195
Ion Ratio Lower Upper
142 100
141 97.5 74.0 111.0
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.027 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG057000.D

Acq: 5 Apr 2023 21:23

Instrument :

BNA_G

ClientSampleId :

MW-5BDL

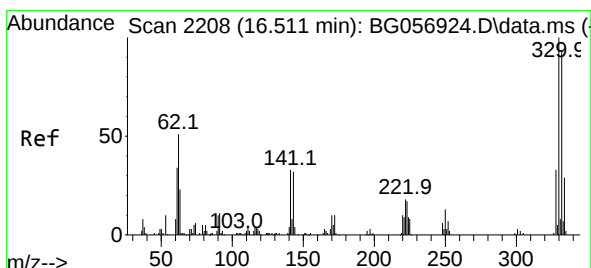
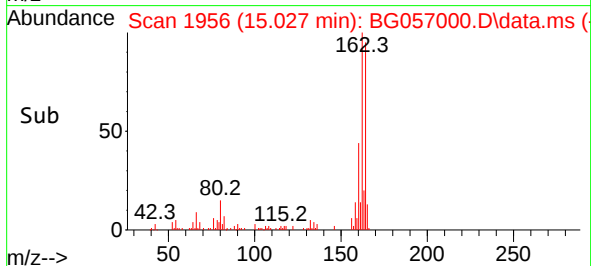
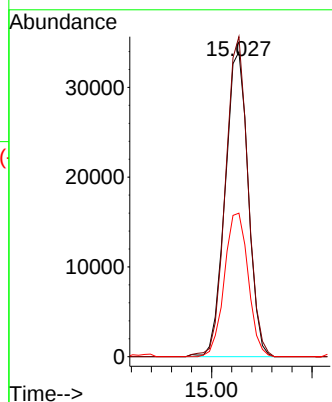
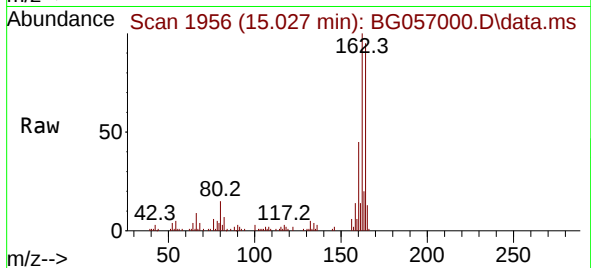
Tgt Ion:164 Resp: 54090

Ion Ratio Lower Upper

164 100

162 105.0 77.8 116.8

160 47.1 33.5 50.3



#42

2,4,6-Tribromophenol

Concen: 68.361 ng

RT: 16.502 min Scan# 2207

Delta R.T. -0.007 min

Lab File: BG057000.D

Acq: 5 Apr 2023 21:23

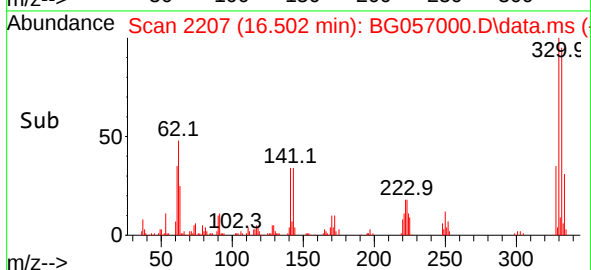
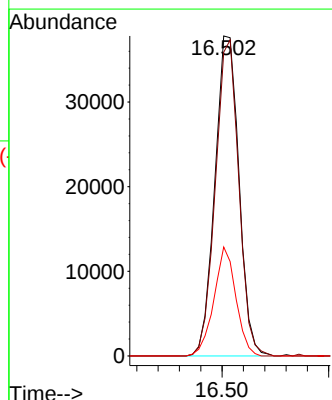
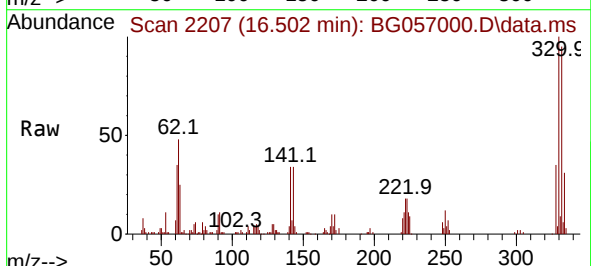
Tgt Ion:330 Resp: 59071

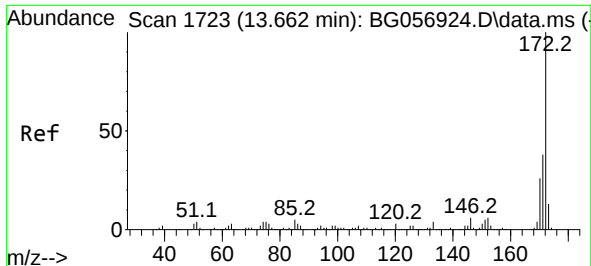
Ion Ratio Lower Upper

330 100

332 95.8 76.1 114.1

141 31.2 25.8 38.6

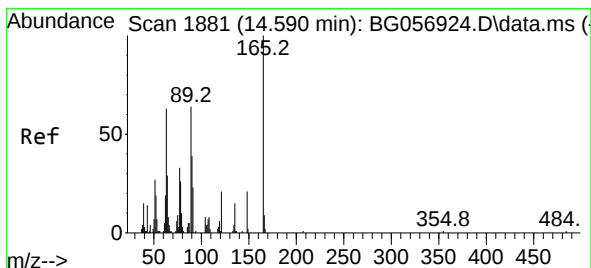
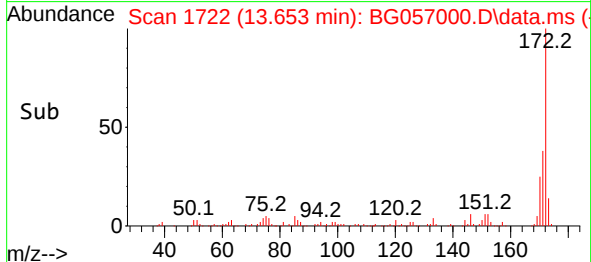
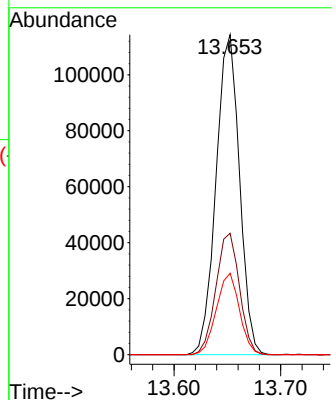
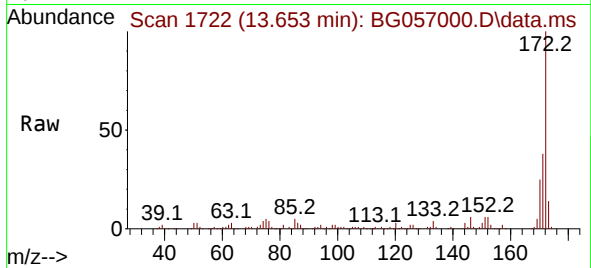




#45
2-Fluorobiphenyl
Concen: 43.700 ng
RT: 13.653 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

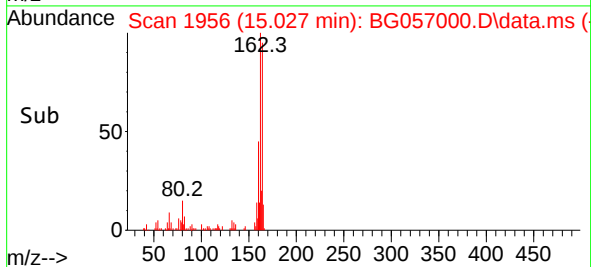
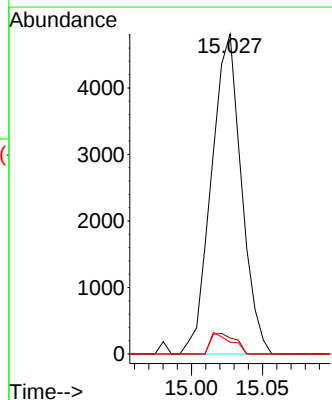
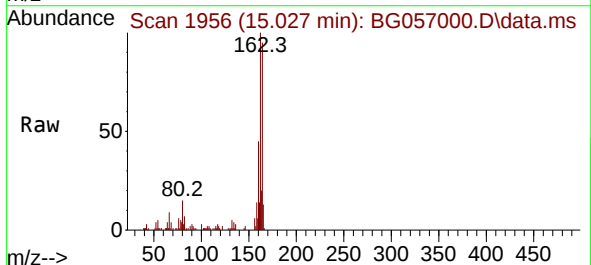
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

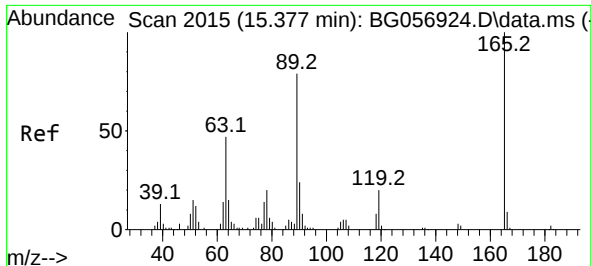
Tgt Ion:172 Resp: 174317
Ion Ratio Lower Upper
172 100
171 37.9 30.6 46.0
170 25.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.658 ng
RT: 15.027 min Scan# 1956
Delta R.T. 0.433 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:165 Resp: 7052
Ion Ratio Lower Upper
165 100
63 5.0 53.0 79.6#
89 3.7 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.430 ng

RT: 15.027 min Scan# 1956

Delta R.T. -0.348 min

Lab File: BG057000.D

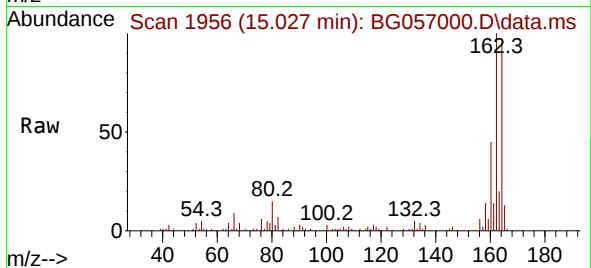
Acq: 5 Apr 2023 21:23

Instrument :

BNA_G

ClientSampleId :

MW-5BDL



Tgt Ion:165 Resp: 7052

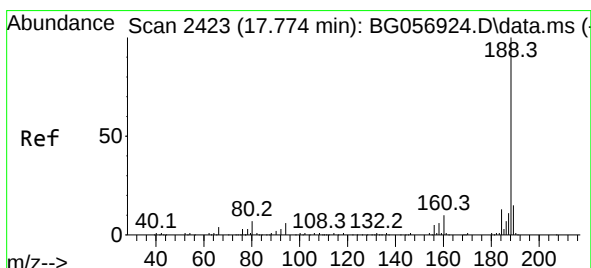
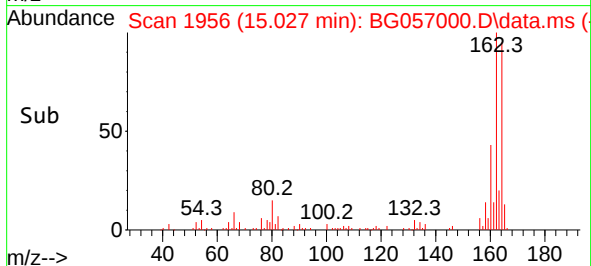
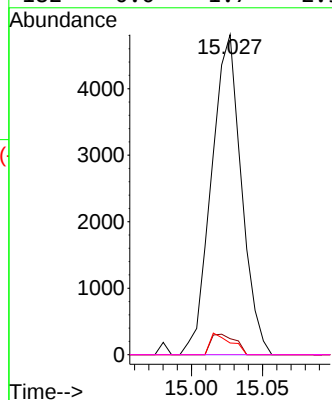
Ion Ratio Lower Upper

165 100

63 5.0 37.7 56.5#

89 3.7 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.765 min Scan# 2422

Delta R.T. -0.001 min

Lab File: BG057000.D

Acq: 5 Apr 2023 21:23

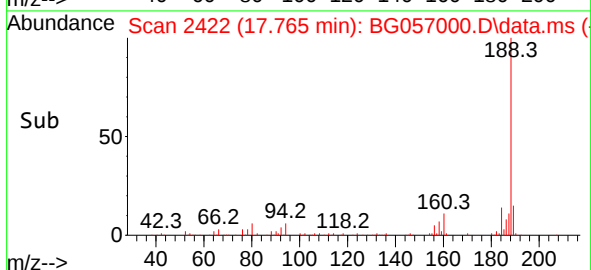
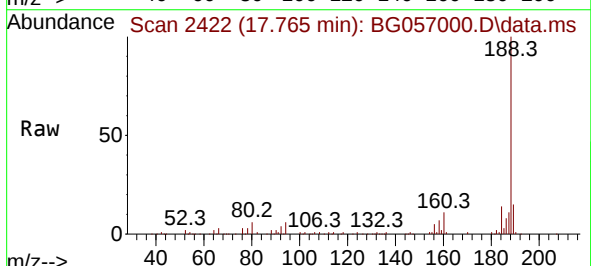
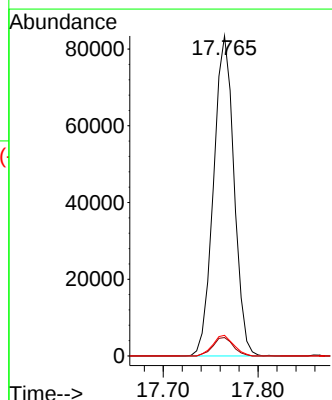
Tgt Ion:188 Resp: 124871

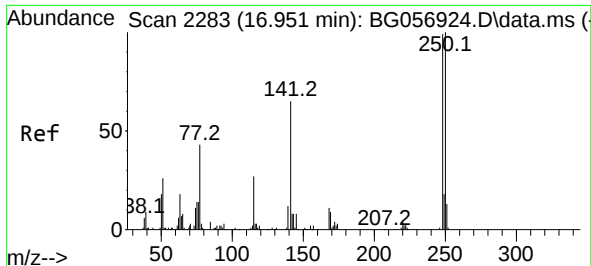
Ion Ratio Lower Upper

188 100

94 5.7 4.6 6.8

80 6.5 5.5 8.3

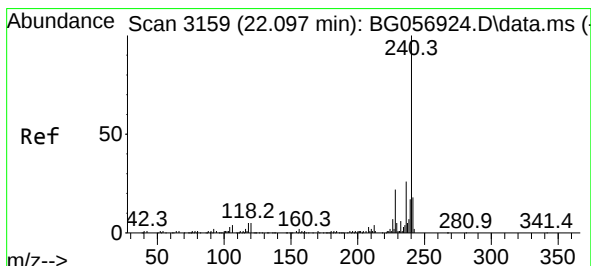
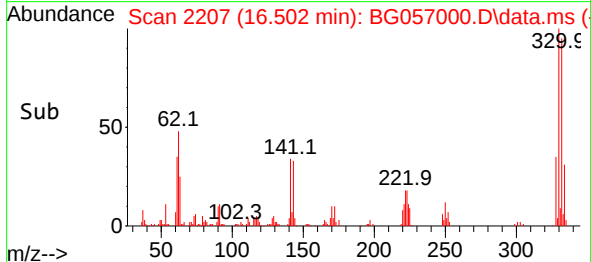
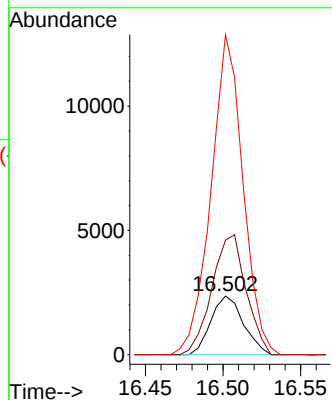
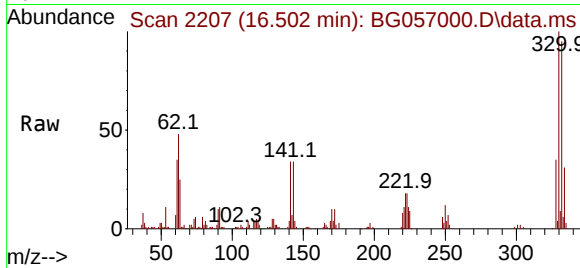




#67
4-Bromophenyl-phenylether
Concen: 2.221 ng
RT: 16.502 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

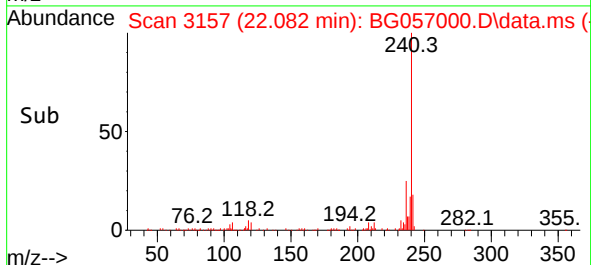
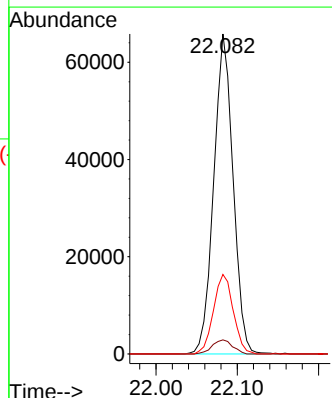
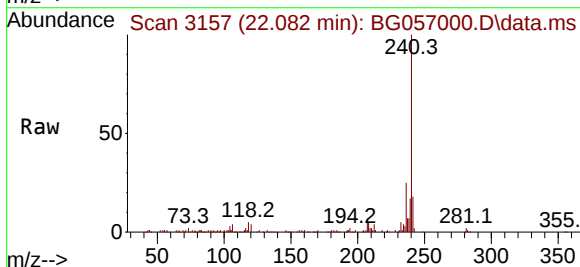
Instrument :
BNA_G
ClientSampleId :
MW-5BDL

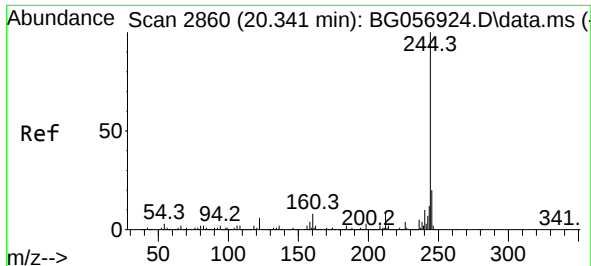
Tgt Ion:248 Resp: 3432
Ion Ratio Lower Upper
248 100
250 195.4 80.5 120.7#
141 546.5 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.082 min Scan# 3157
Delta R.T. -0.013 min
Lab File: BG057000.D
Acq: 5 Apr 2023 21:23

Tgt Ion:240 Resp: 108808
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.6
236 24.8 21.0 31.6

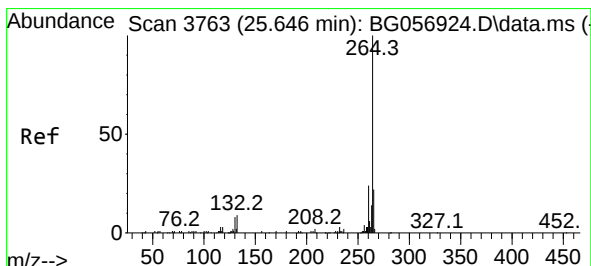
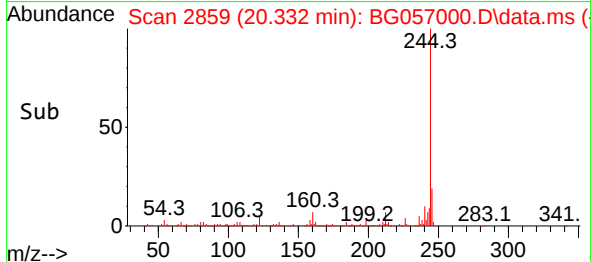
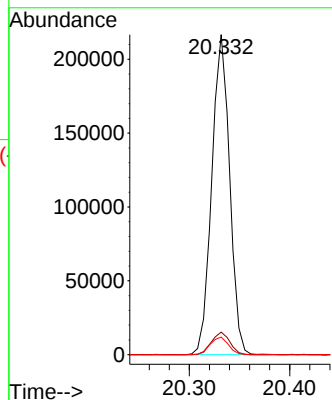
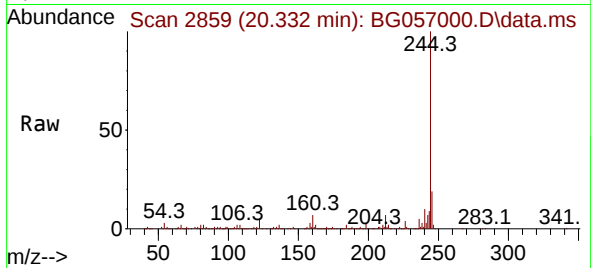




#79
 Terphenyl-d14
 Concen: 41.590 ng
 RT: 20.332 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057000.D
 Acq: 5 Apr 2023 21:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-5BDL

Tgt Ion:244 Resp: 267432
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.630 min Scan# 3761
 Delta R.T. -0.001 min
 Lab File: BG057000.D
 Acq: 5 Apr 2023 21:23

Tgt Ion:264 Resp: 112712
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 22.1 17.8 26.6

