

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055324.D
 Acq On : 27 Oct 2022 15:11
 Operator : CG/JU
 Sample : N5222-04DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

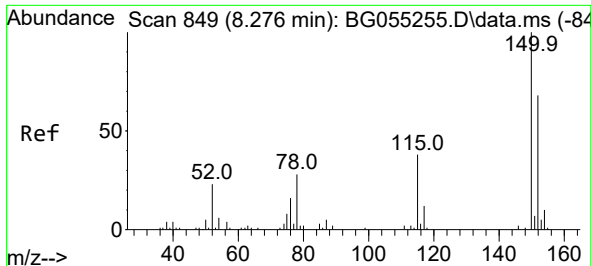
Instrument :
 BNA_G
 ClientSampleId :
 MW-2DL

Quant Time: Oct 27 17:07:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	36014	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	148899	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	108461	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	252985	20.000	ng	0.00
76) Chrysene-d12	21.895	240	227372	20.000	ng	0.00
86) Perylene-d12	25.291	264	242127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	24487	11.905	ng	0.00
7) Phenol-d6	7.412	99	19197	6.442	ng	0.00
23) Nitrobenzene-d5	9.439	82	53170	18.234	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	40249	34.136	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	127518	19.243	ng	0.00
79) Terphenyl-d14	20.185	244	218913	20.004	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.400	77	14037	6.899	ng	# 1
15) Benzyl Alcohol	8.382	79	16550	6.637	ng	# 1
18) Hexachloroethane	9.380	117	26501	27.927	ng	# 1
19) n-Nitroso-di-n-propyla...	9.439	70	7215	2.916	ng	# 80
22) Acetophenone	9.075	105	27509	7.226	ng	# 57
31) Naphthalene	11.149	128	426465	53.689	ng	99
32) Benzoic acid	10.555	122	609	4.497	ng	97
33) 4-Chloroaniline	11.149	127	59471	17.512	ng	# 31
37) 2-Methylnaphthalene	12.735	142	64347	11.236	ng	100
38) 1-Methylnaphthalene	12.735	142	64347	11.389	ng	96
51) 2,6-Dinitrotoluene	14.880	165	14257	8.228	ng	# 23
57) 2,4-Dinitrotoluene	14.880	165	14257	5.670	ng	# 21

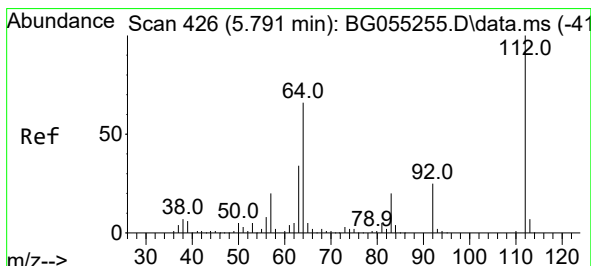
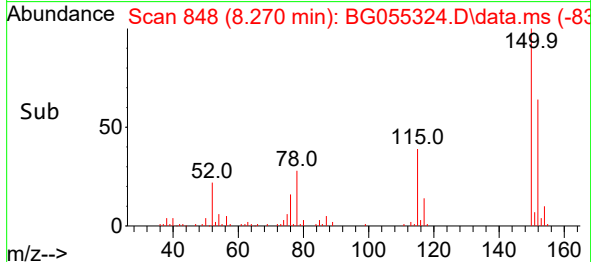
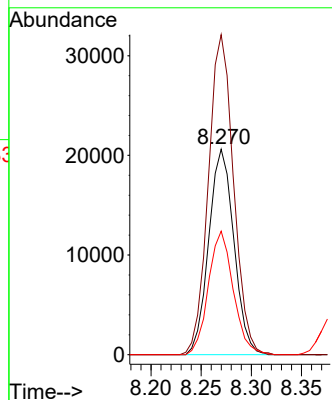
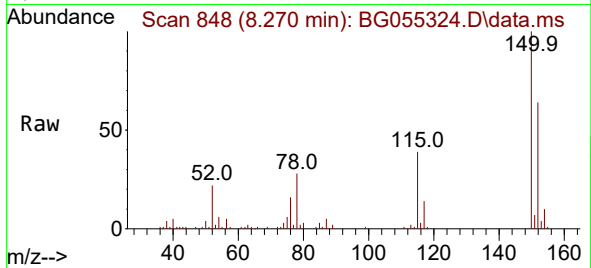
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 849
Delta R.T. -0.006 min
Lab File: BG055324.D
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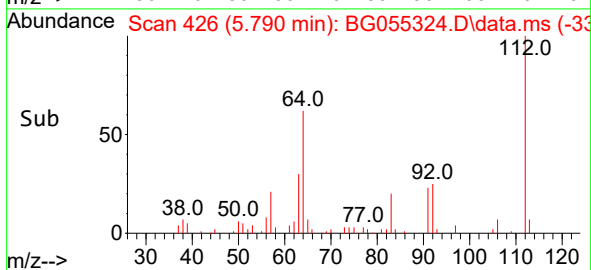
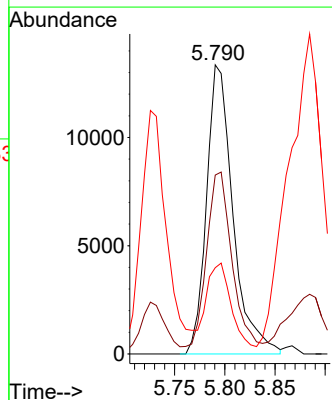
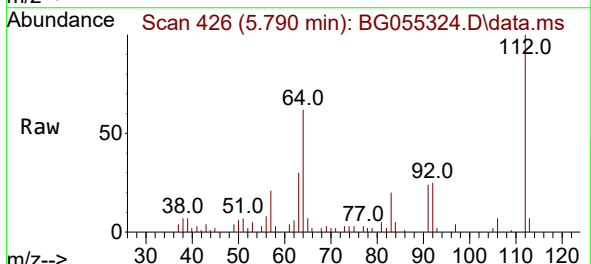
Instrument :
BNA_G
ClientSampleId :
MW-2DL

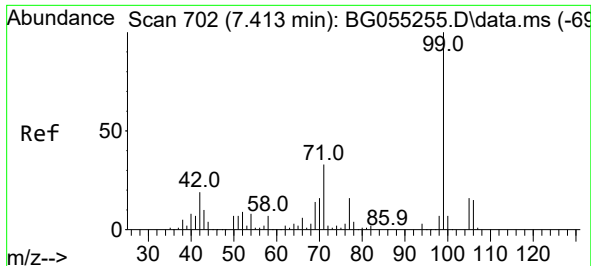
Tgt Ion:152 Resp: 36014
Ion Ratio Lower Upper
152 100
150 155.7 118.2 177.4
115 60.1 44.5 66.7



#5
2-Fluorophenol
Concen: 11.905 ng
RT: 5.790 min Scan# 426
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:112 Resp: 24487
Ion Ratio Lower Upper
112 100
64 61.9 52.6 78.8
63 29.9 27.1 40.7

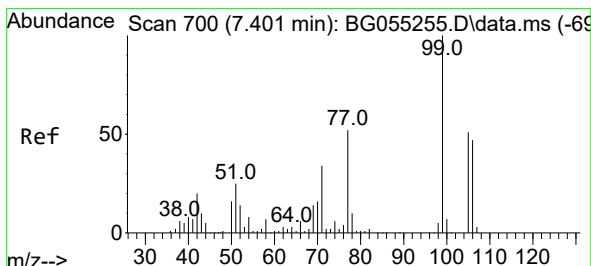
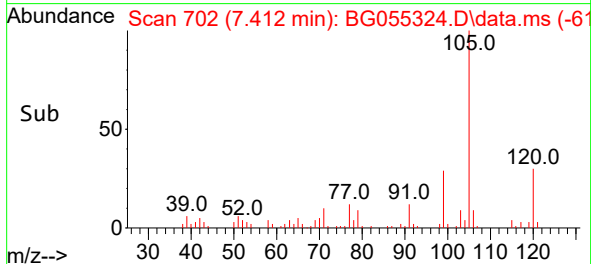
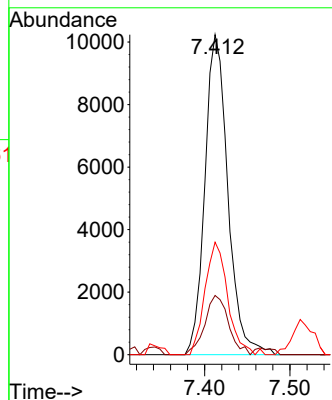
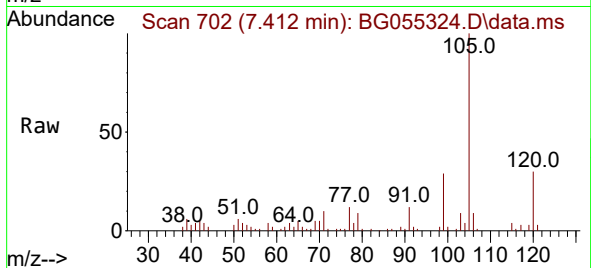




#7
Phenol-d6
Concen: 6.442 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

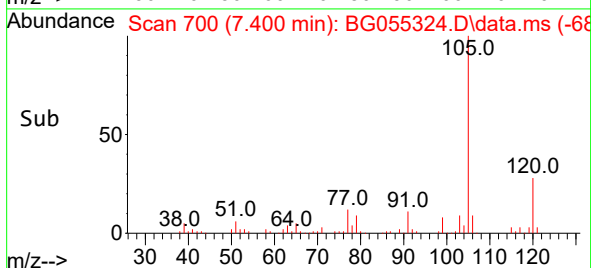
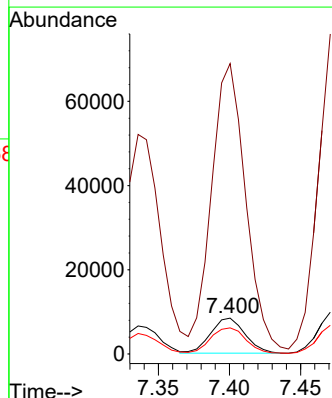
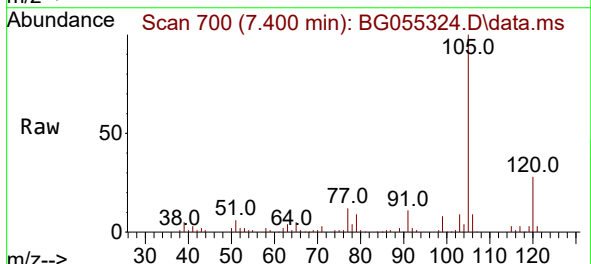
Instrument :
BNA_G
ClientSampleId :
MW-2DL

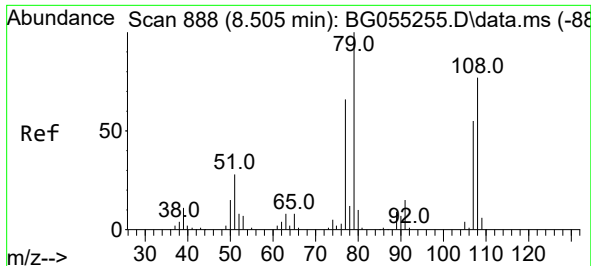
Tgt Ion:	99	Resp:	19197
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.2	22.8
71	35.2	26.2	39.4



#9
Benzaldehyde
Concen: 6.899 ng
RT: 7.400 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:	77	Resp:	14037
Ion	Ratio	Lower	Upper
77	100		
105	809.8	77.9	117.9#
106	72.8	69.9	109.9

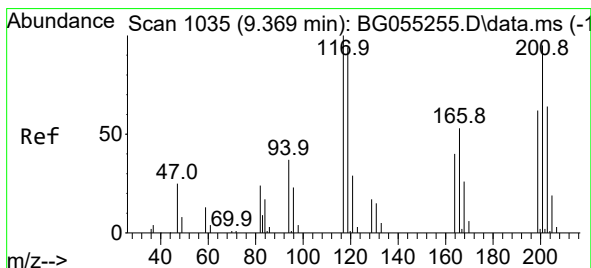
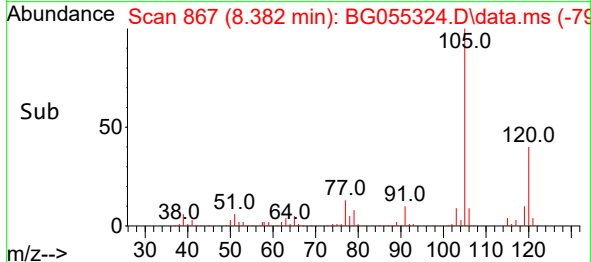
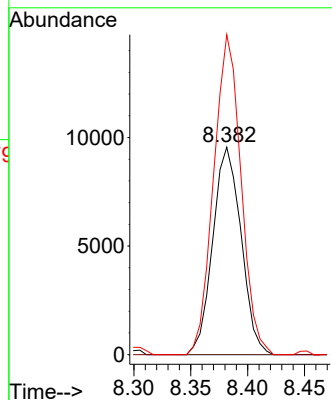
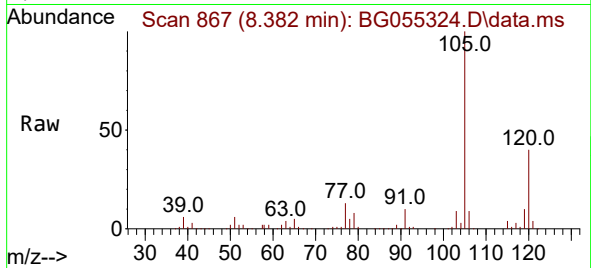




#15
Benzyl Alcohol
Concen: 6.637 ng
RT: 8.382 min Scan# 80
Delta R.T. -0.124 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

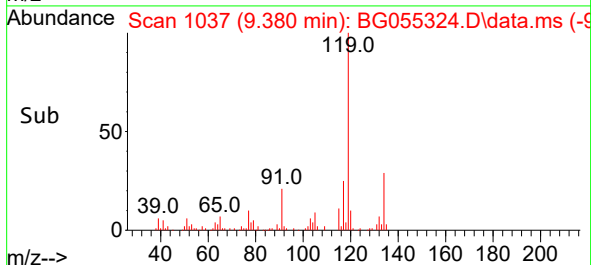
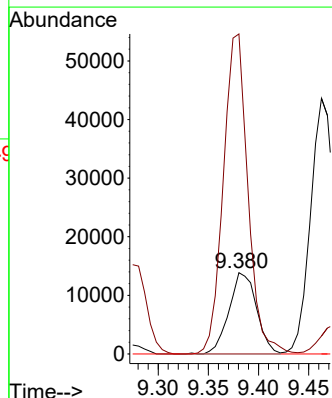
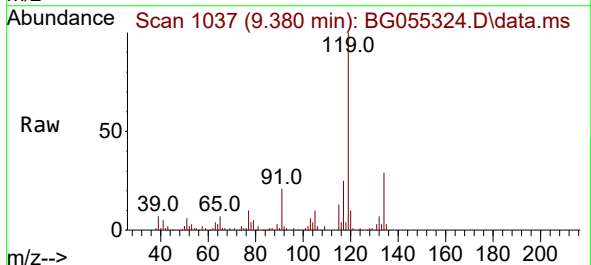
Instrument :
BNA_G
ClientSampleId :
MW-2DL

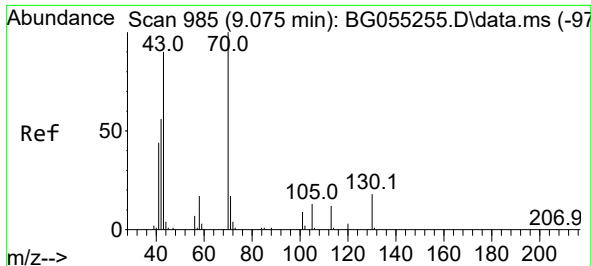
Tgt Ion: 79 Resp: 16550
Ion Ratio Lower Upper
79 100
108 0.0 61.3 91.9#
77 154.2 52.7 79.1#



#18
Hexachloroethane
Concen: 27.927 ng
RT: 9.380 min Scan# 1037
Delta R.T. 0.011 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion: 117 Resp: 26501
Ion Ratio Lower Upper
117 100
119 393.4 75.4 113.2#
201 0.0 75.8 113.8#

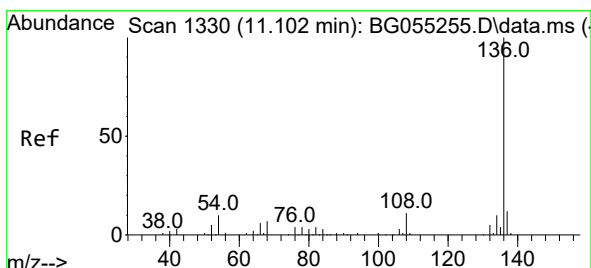
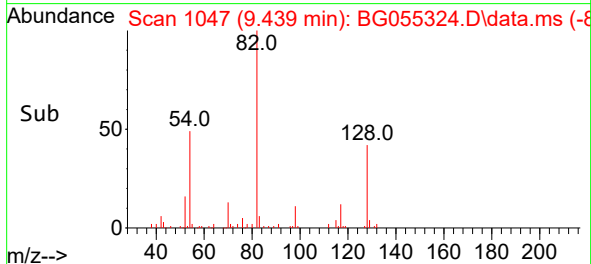
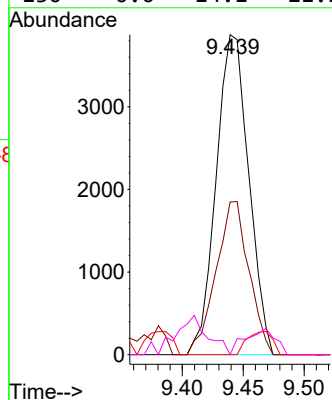
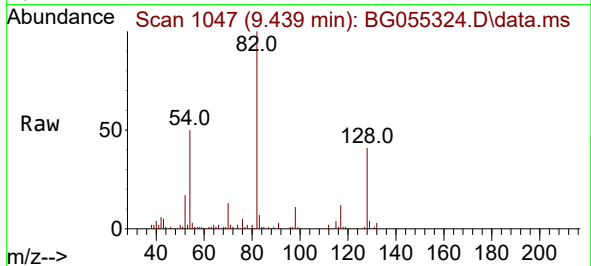




#19
n-Nitroso-di-n-propylamine
Concen: 2.916 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

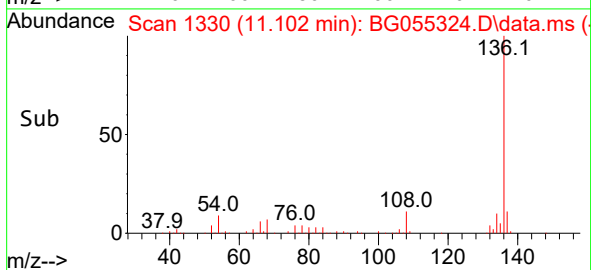
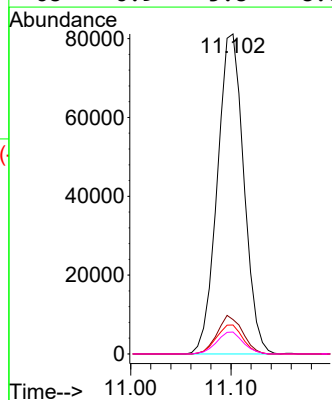
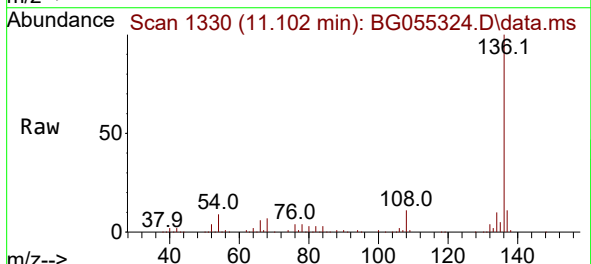
Instrument :
BNA_G
ClientSampleId :
MW-2DL

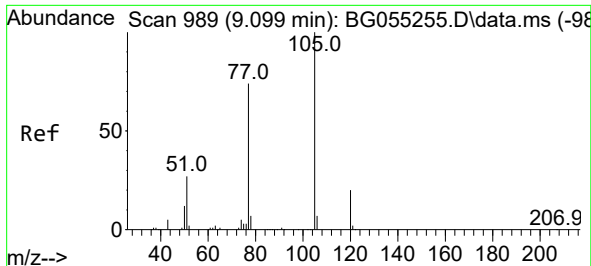
Tgt Ion: 70 Resp: 7215
Ion Ratio Lower Upper
70 100
42 47.7 45.8 68.6
101 0.0 7.4 11.0#
130 0.0 14.1 21.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:136 Resp: 148899
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.1 7.8 11.8
68 6.9 5.8 8.6

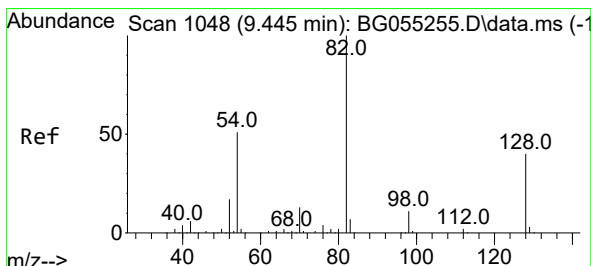
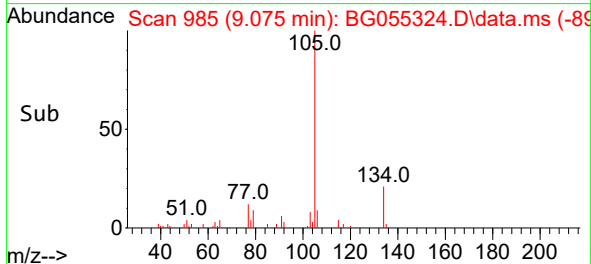
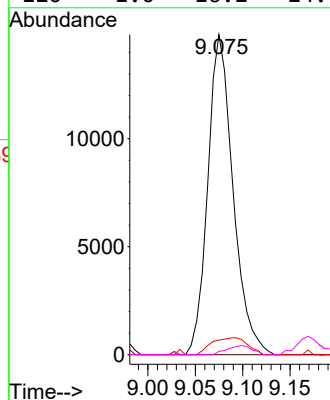
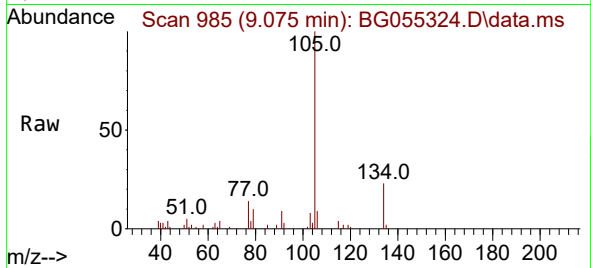




#22
Acetophenone
Concen: 7.226 ng
RT: 9.075 min Scan# 91
Delta R.T. -0.024 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

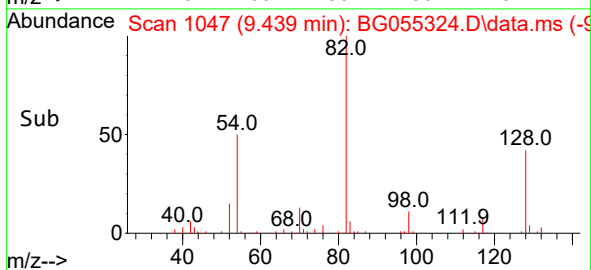
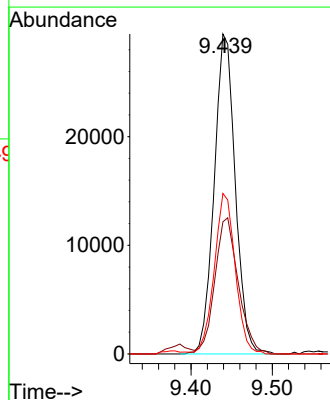
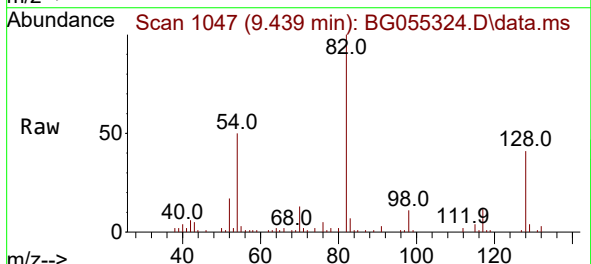
Instrument :
BNA_G
ClientSampleId :
MW-2DL

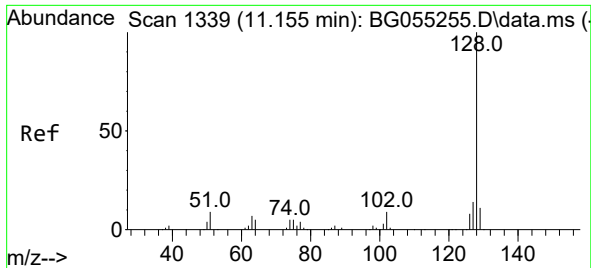
Tgt Ion:	105	Resp:	27509
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	4.5	22.9	34.3#
120	1.0	16.2	24.4#



#23
Nitrobenzene-d5
Concen: 18.234 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:	82	Resp:	53170
Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.0	48.0
54	50.1	40.9	61.3

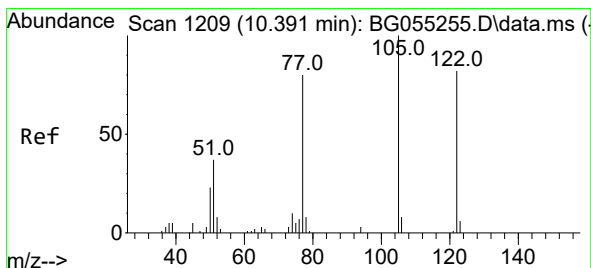
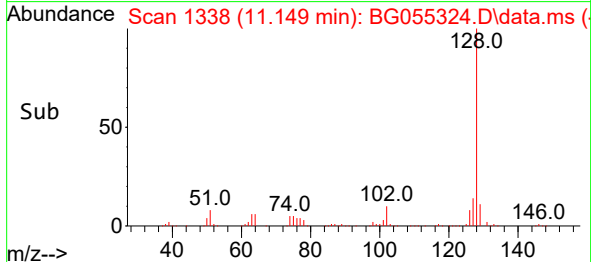
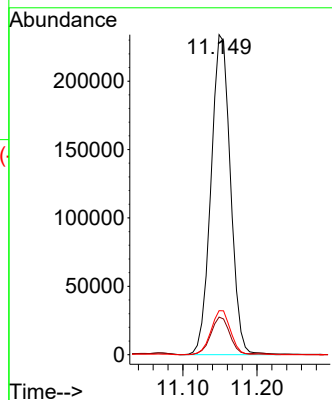
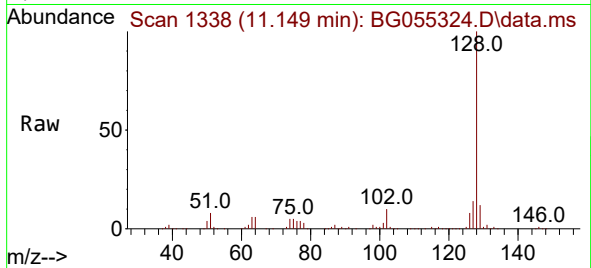




#31
Naphthalene
Concen: 53.689 ng
RT: 11.149 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

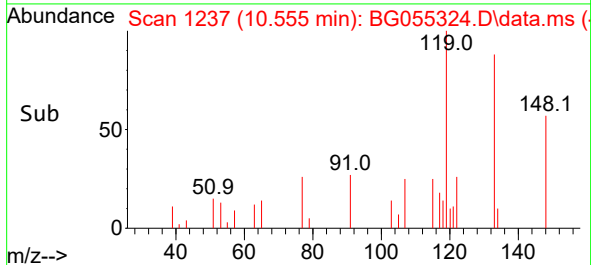
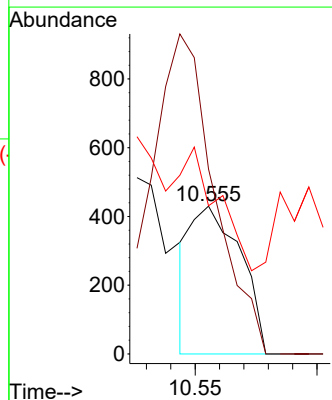
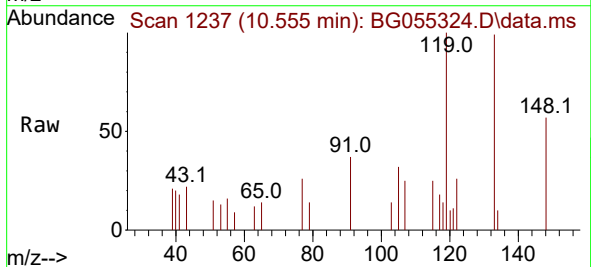
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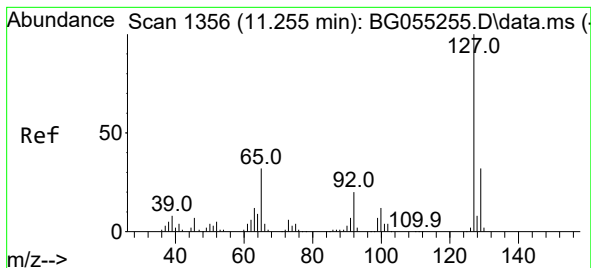
Tgt Ion:128 Resp: 426465
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 4.497 ng
RT: 10.555 min Scan# 1237
Delta R.T. 0.164 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:122 Resp: 609
Ion Ratio Lower Upper
122 100
105 125.1 101.3 141.3
77 100.2 76.9 116.9

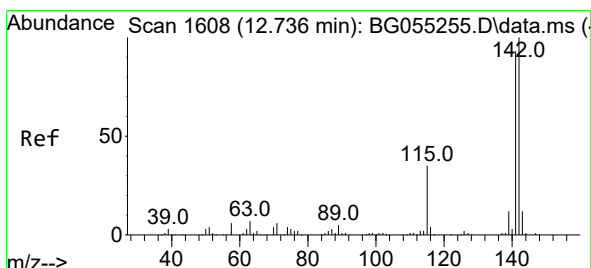
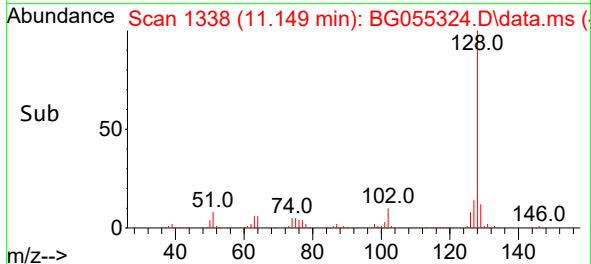
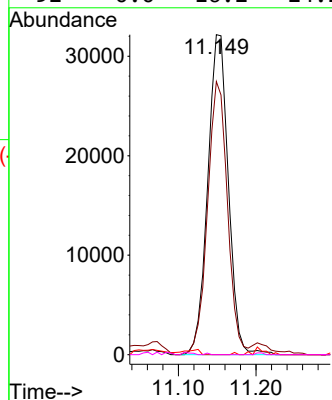
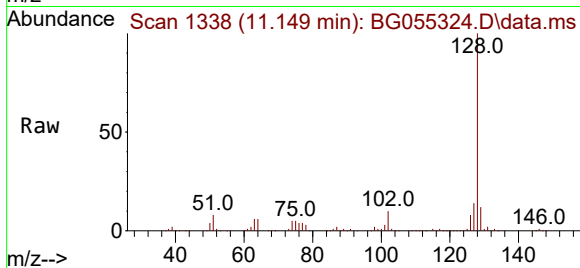




#33
4-Chloroaniline
Concen: 17.512 ng
RT: 11.149 min Scan# 11
Delta R.T. -0.106 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

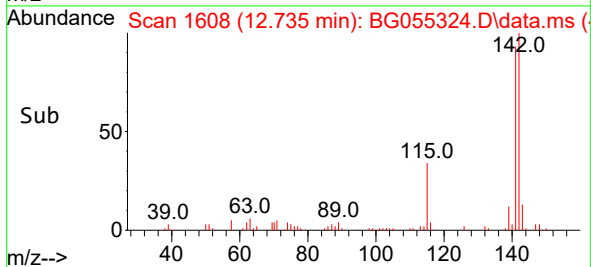
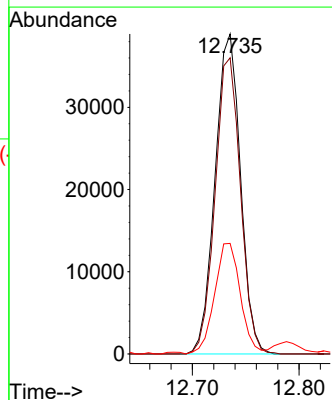
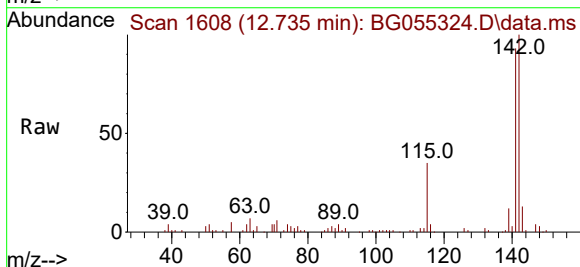
Instrument :
BNA_G
ClientSampleId :
MW-2DL

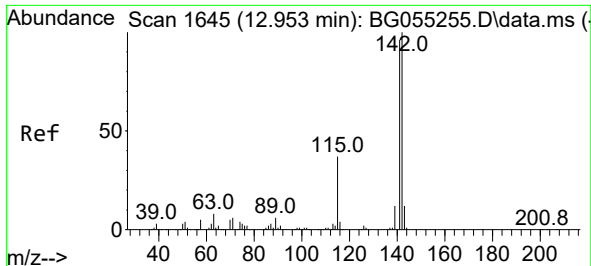
Tgt Ion:	127	Resp:	59471
Ion	Ratio	Lower	Upper
127	100		
129	85.4	25.4	38.0#
65	0.0	25.5	38.3#
92	0.0	16.2	24.2#



#37
2-Methylnaphthalene
Concen: 11.236 ng
RT: 12.735 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:	142	Resp:	64347
Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.0	111.0
115	34.5	28.3	42.5

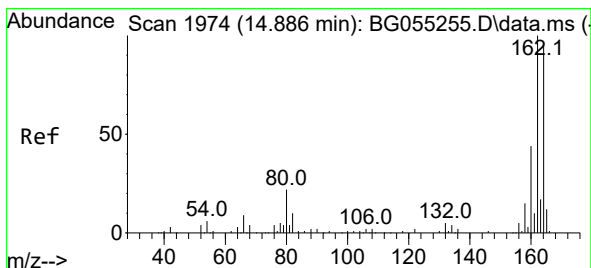
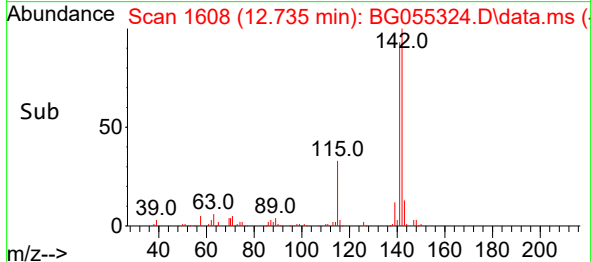
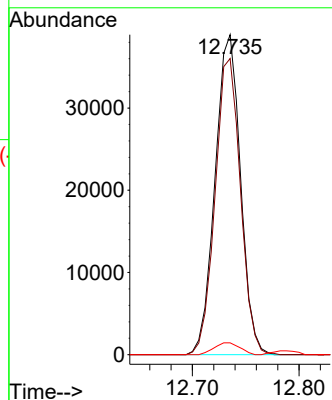
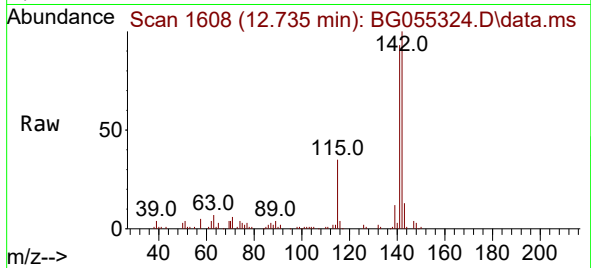




#38
1-Methylnaphthalene
Concen: 11.389 ng
RT: 12.735 min Scan# 1
Delta R.T. -0.218 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

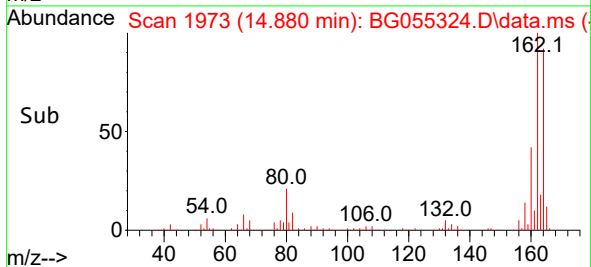
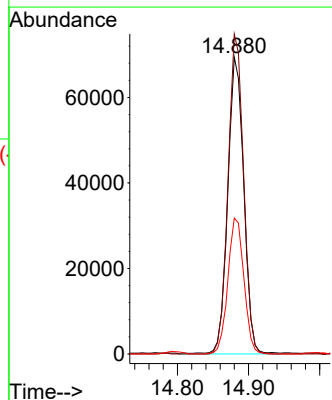
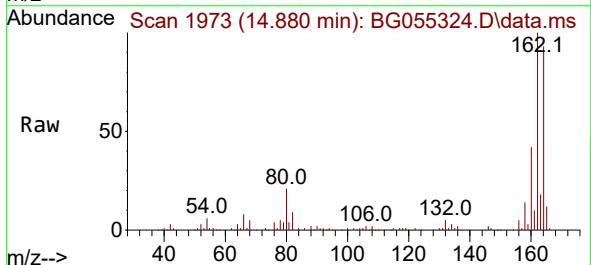
Instrument :
BNA_G
ClientSampleId :
MW-2DL

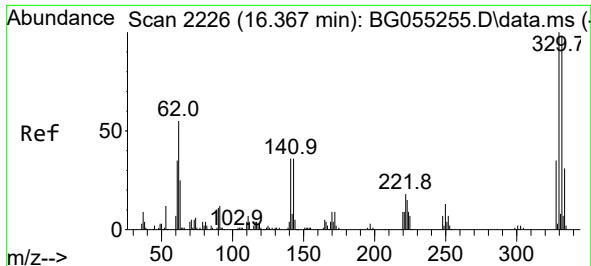
Tgt Ion:142 Resp: 64347
Ion Ratio Lower Upper
142 100
141 92.6 77.1 115.7
116 3.7 3.0 4.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:164 Resp: 108461
Ion Ratio Lower Upper
164 100
162 107.8 84.0 126.0
160 45.8 36.7 55.1

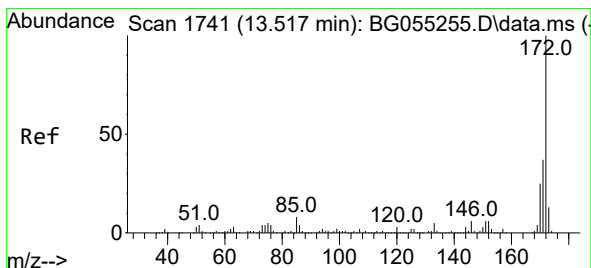
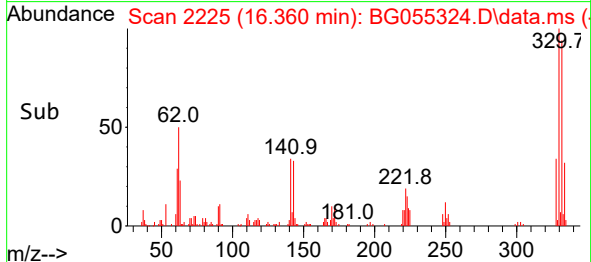
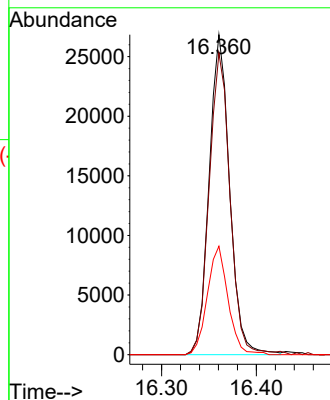
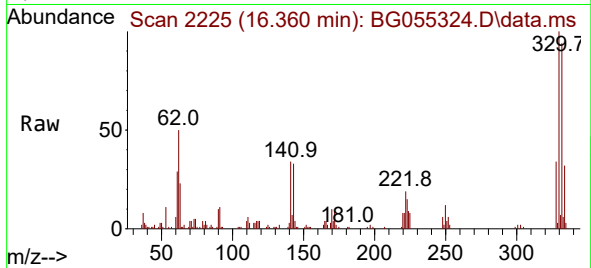




#42
2,4,6-Tribromophenol
Concen: 34.136 ng
RT: 16.360 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

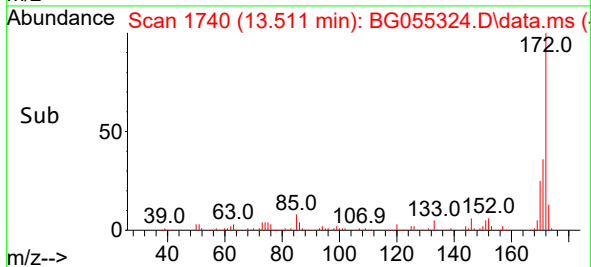
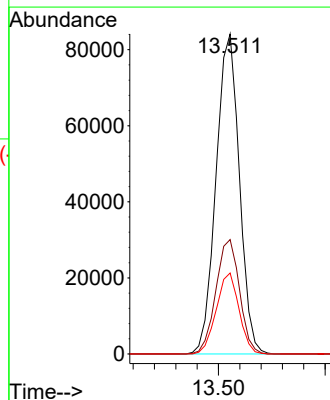
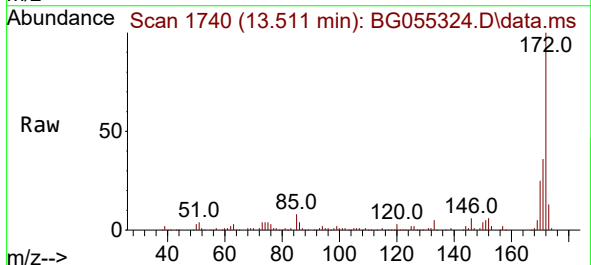
Instrument :
BNA_G
ClientSampleId :
MW-2DL

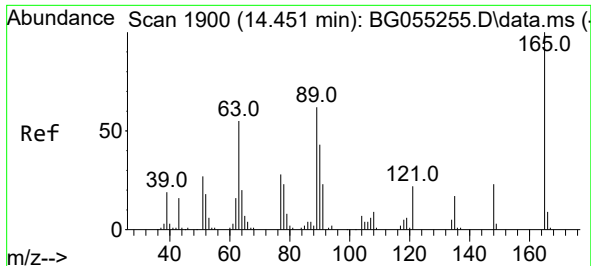
Tgt Ion:330 Resp: 40249
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 34.2 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 19.243 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:172 Resp: 127518
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 25.3 20.2 30.2

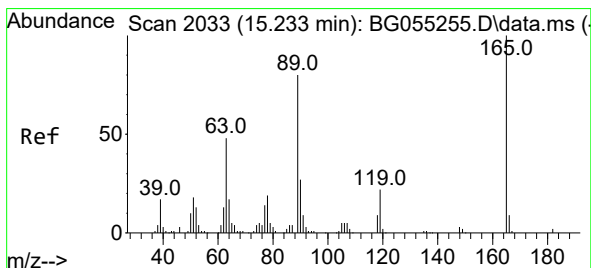
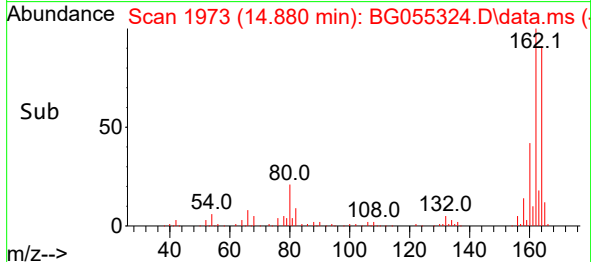
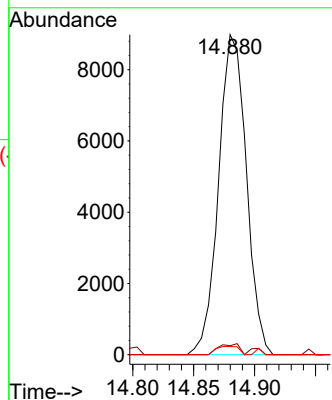
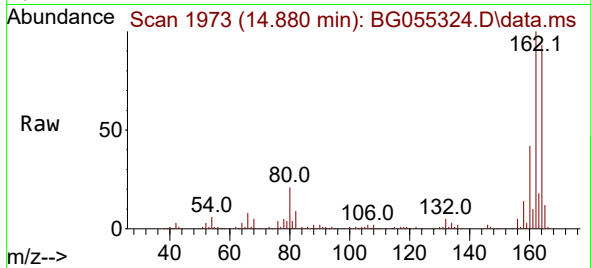




#51
2,6-Dinitrotoluene
Concen: 8.228 ng
RT: 14.880 min Scan# 1900
Delta R.T. 0.428 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

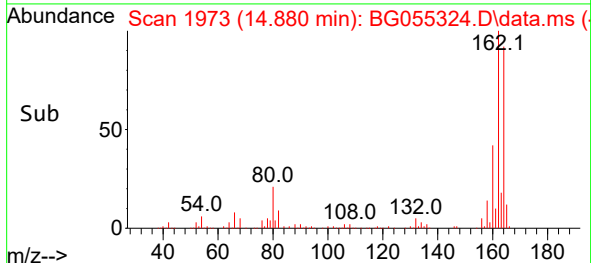
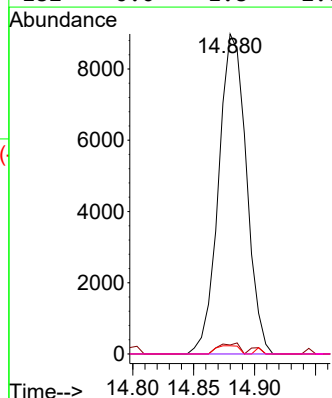
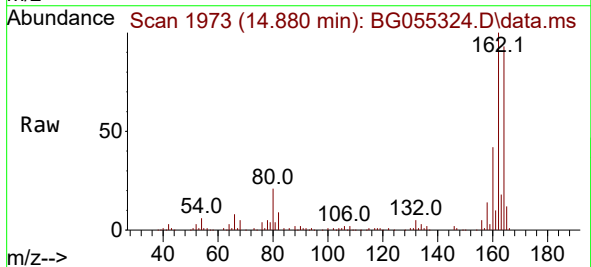
Instrument :
BNA_G
ClientSampleId :
MW-2DL

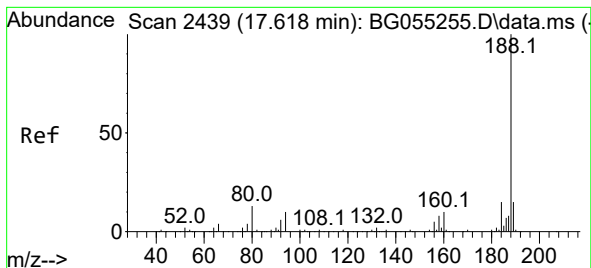
Tgt Ion:165 Resp: 14257
Ion Ratio Lower Upper
165 100
63 2.8 49.2 73.8#
89 2.5 49.9 74.9#



#57
2,4-Dinitrotoluene
Concen: 5.670 ng
RT: 14.880 min Scan# 1973
Delta R.T. -0.353 min
Lab File: BG055324.D
Acq: 27 Oct 2022 15:11

Tgt Ion:165 Resp: 14257
Ion Ratio Lower Upper
165 100
63 2.8 38.9 58.3#
89 2.5 64.2 96.4#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BG055324.D

Acq: 27 Oct 2022 15:11

Instrument :

BNA_G

ClientSampleId :

MW-2DL

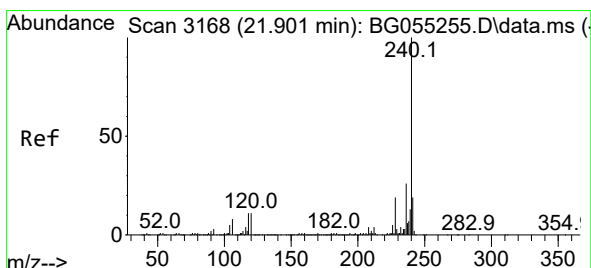
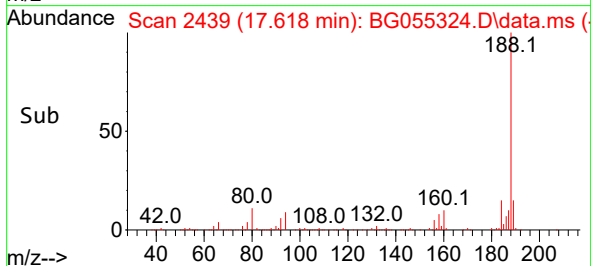
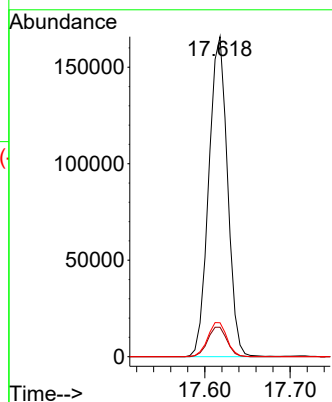
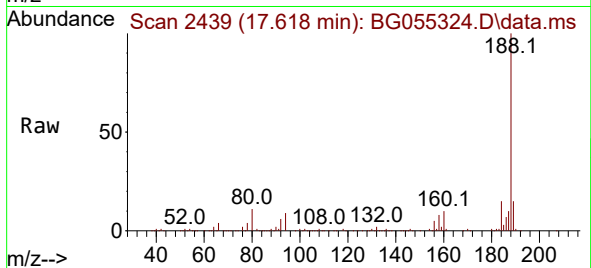
Tgt Ion:188 Resp: 252985

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

80 10.6 10.1 15.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.895 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BG055324.D

Acq: 27 Oct 2022 15:11

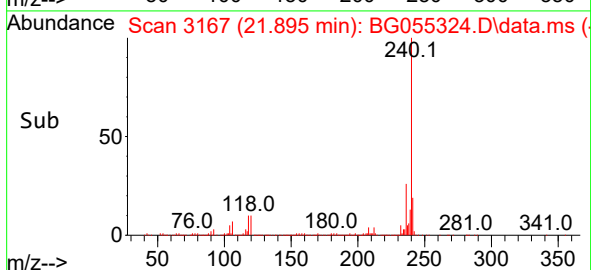
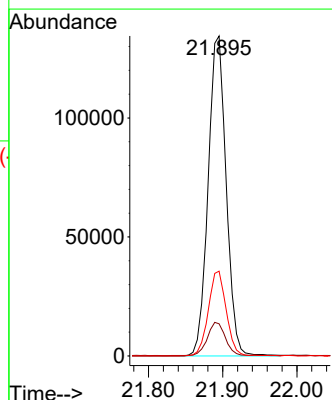
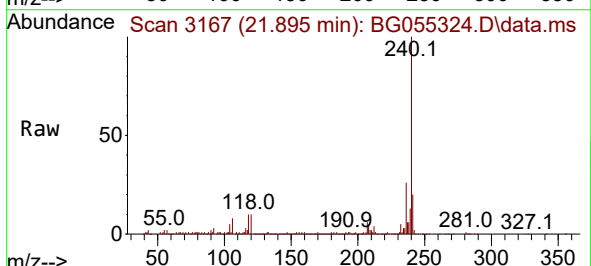
Tgt Ion:240 Resp: 227372

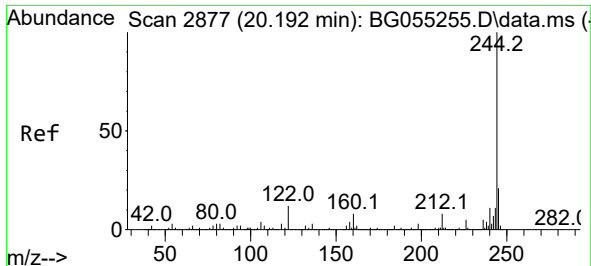
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

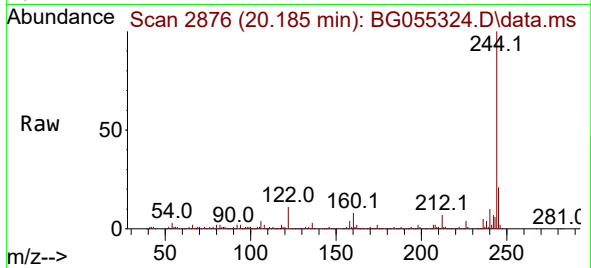
236 26.5 21.0 31.4



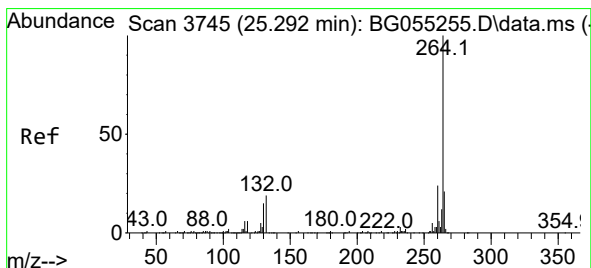
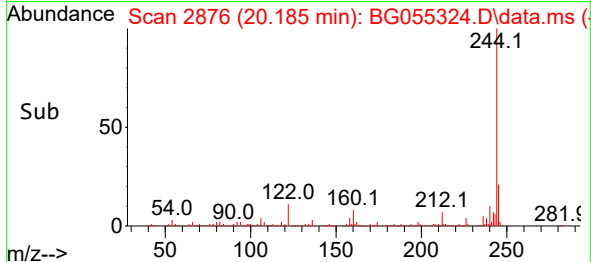
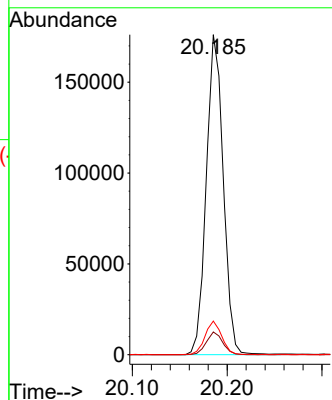


#79
 Terphenyl-d14
 Concen: 20.004 ng
 RT: 20.185 min Scan# 218913
 Delta R.T. -0.006 min
 Lab File: BG055324.D
 Acq: 27 Oct 2022 15:11

Instrument :
 BNA_G
 ClientSampleId :
 MW-2DL



Tgt Ion:244 Resp: 218913
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.291 min Scan# 3745
 Delta R.T. -0.000 min
 Lab File: BG055324.D
 Acq: 27 Oct 2022 15:11

Tgt Ion:264 Resp: 242127
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.3 17.4 26.2

