

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
 Data File : BG060093.D
 Acq On : 19 Dec 2023 20:09
 Operator : MA/JU
 Sample : 05612-01DL3 200X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-06IDL3

Quant Time: Dec 20 00:46:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

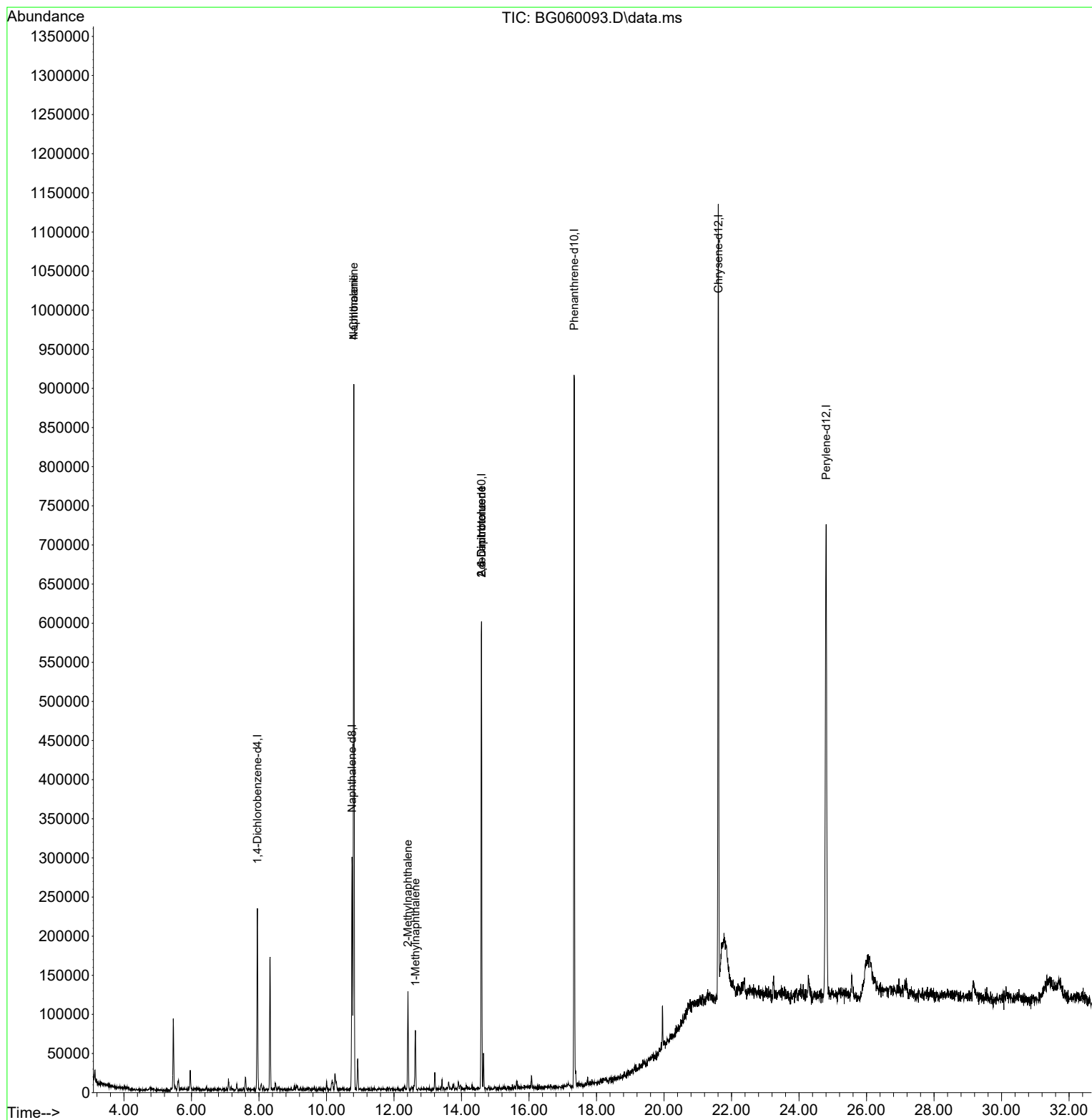
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	57618	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	229891	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	216454	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	648363	20.000	ng	#-0.01
76) Chrysene-d12	21.607	240	682780	20.000	ng	#-0.01
86) Perylene-d12	24.803	264	769616	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1054	0.313	ng	-0.01
7) Phenol-d6	7.106	99	1257	0.265	ng	0.00
23) Nitrobenzene-d5	9.116	82	2724	0.538	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	4067	0.806	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	11382	0.644	ng	-0.01
79) Terphenyl-d14	19.956	244	29841	0.798	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.808	128	609995	50.970	ng	97
33) 4-Chloroaniline	10.808	127	79702	17.503	ng	# 34
37) 2-Methylnaphthalene	12.412	142	48970	5.217	ng	# 87
38) 1-Methylnaphthalene	12.635	142	32669	3.523	ng	98
51) 2,6-Dinitrotoluene	14.592	165	30909	8.881	ng	# 23
57) 2,4-Dinitrotoluene	14.592	165	30909	6.318	ng	# 27
69) Atrazine	16.877	200	118	Below Cal		83

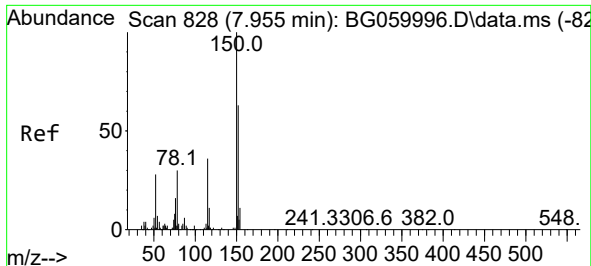
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121923\
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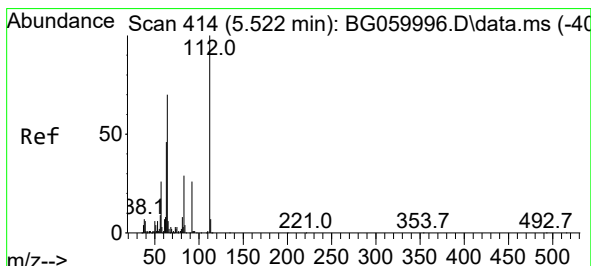
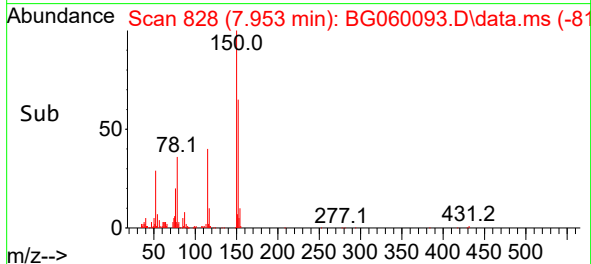
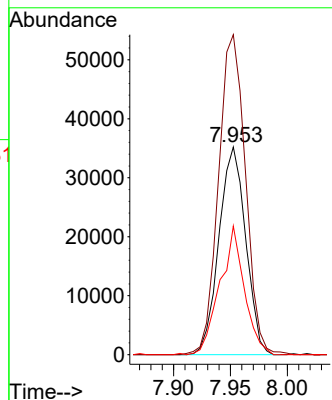
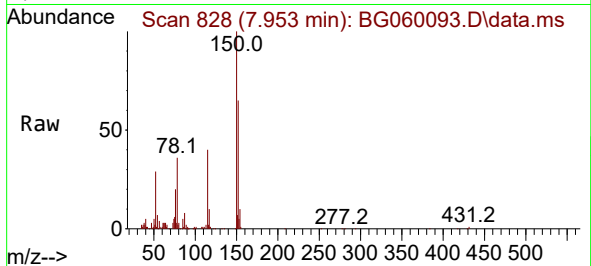




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

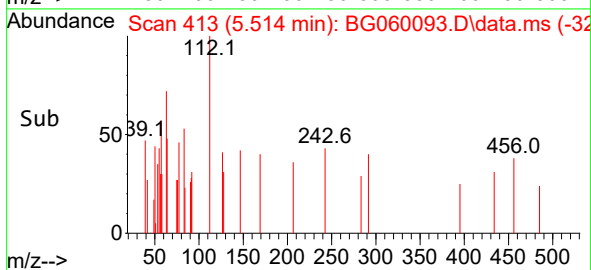
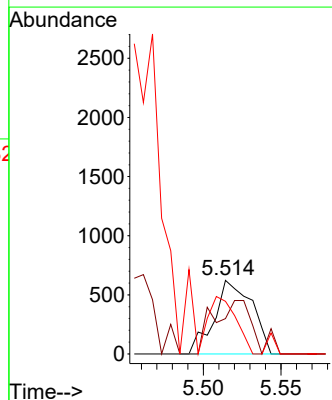
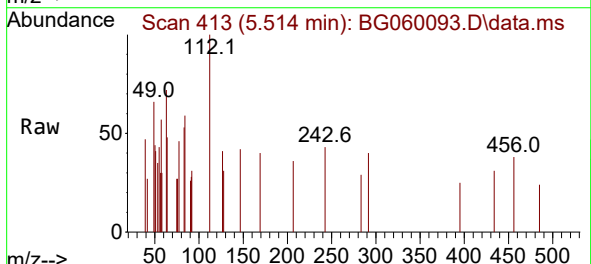
Instrument :
BNA_G
ClientSampleId :
MW-06IDL3

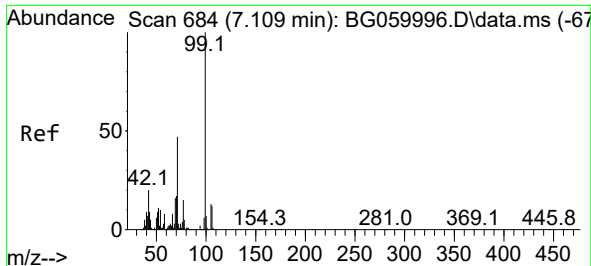
Tgt Ion:152 Resp: 57618
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 61.9 45.7 68.5



#5
2-Fluorophenol
Concen: 0.313 ng
RT: 5.514 min Scan# 413
Delta R.T. -0.012 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

Tgt Ion:112 Resp: 1054
Ion Ratio Lower Upper
112 100
64 48.0 55.9 83.9#
63 71.6 36.5 54.7#

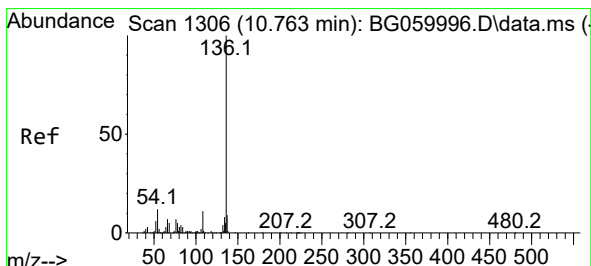
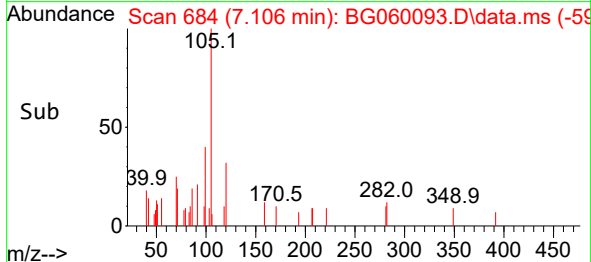
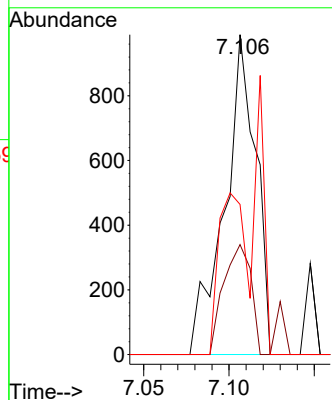
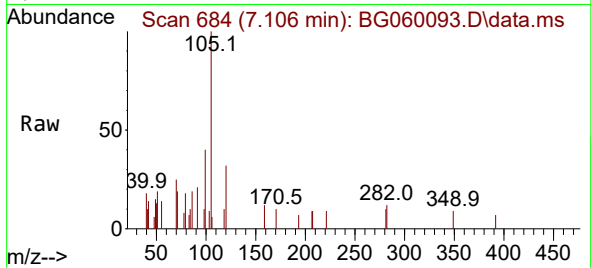




#7
Phenol-d6
Concen: 0.265 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

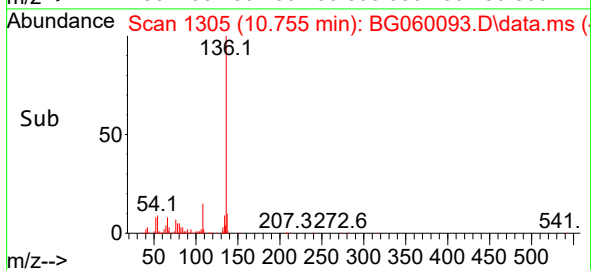
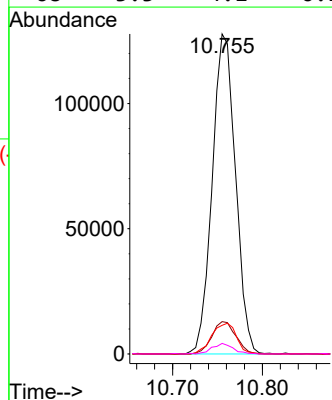
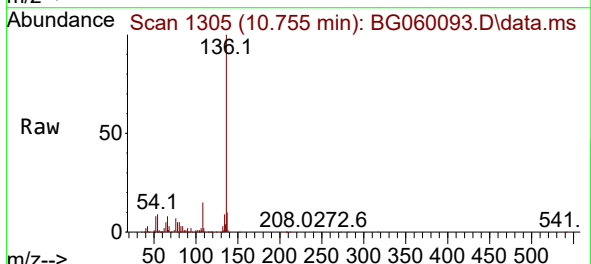
Instrument :
BNA_G
ClientSampleId :
MW-06IDL3

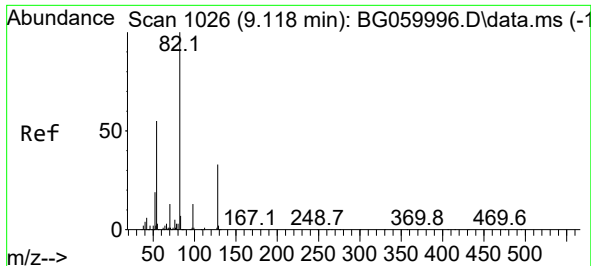
Tgt Ion: 99 Resp: 1257
Ion Ratio Lower Upper
99 100
42 34.4 16.2 24.4#
71 46.9 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

Tgt Ion: 136 Resp: 229891
Ion Ratio Lower Upper
136 100
137 10.1 7.3 10.9
54 8.9 9.6 14.4#
68 3.3 4.1 6.1#

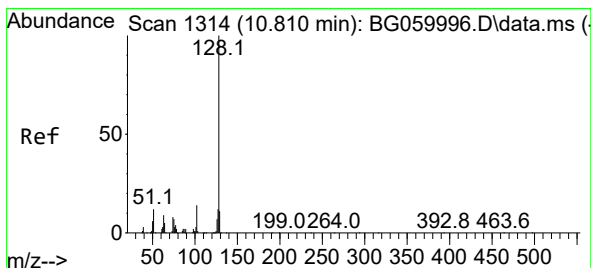
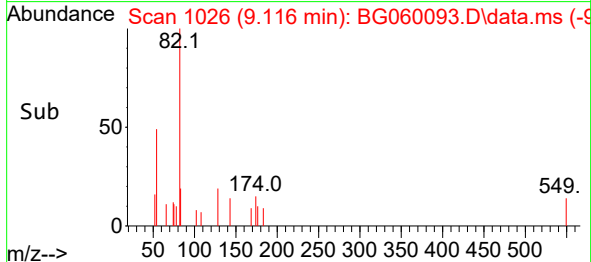
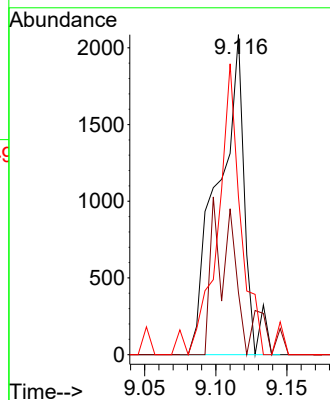
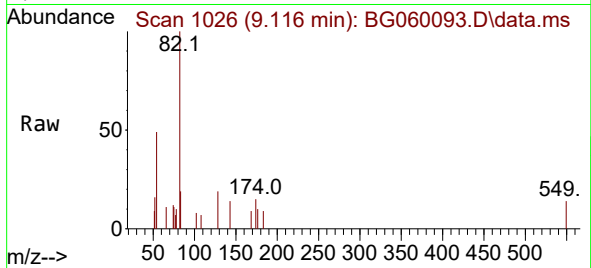




#23
Nitrobenzene-d5
Concen: 0.538 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

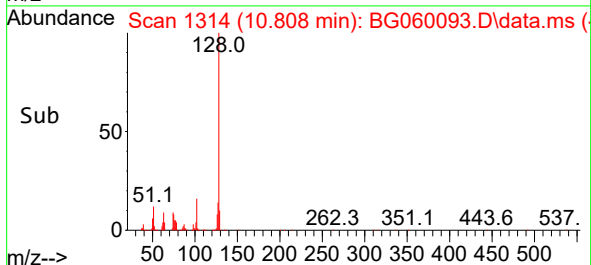
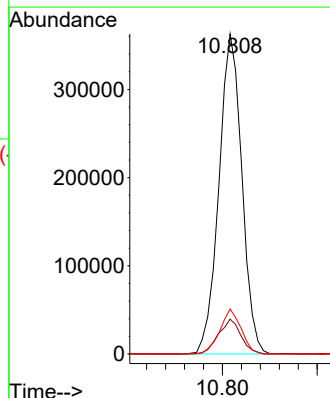
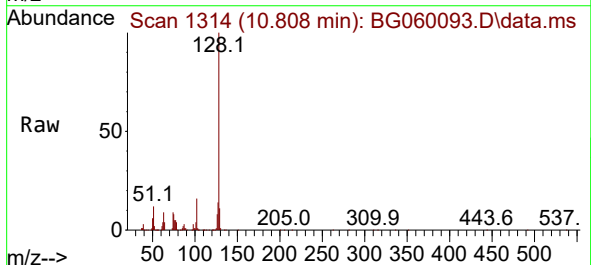
Instrument :
BNA_G
ClientSampleId :
MW-06IDL3

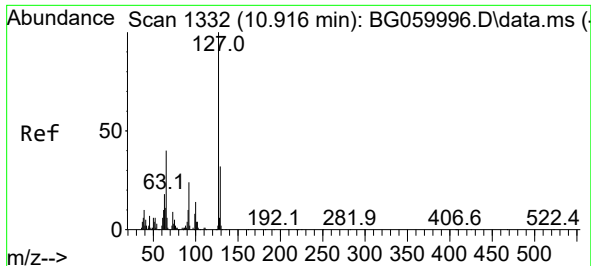
Tgt Ion: 82 Resp: 2724
Ion Ratio Lower Upper
82 100
128 19.4 26.3 39.5#
54 49.4 44.3 66.5



#31
Naphthalene
Concen: 50.970 ng
RT: 10.808 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

Tgt Ion: 128 Resp: 609995
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 14.1 9.7 14.5

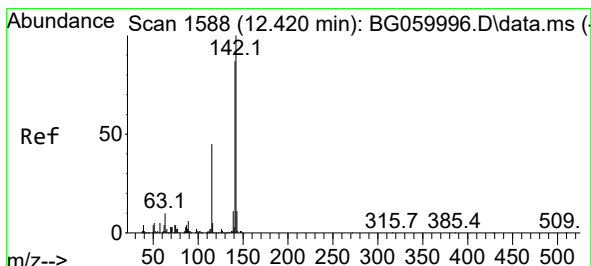
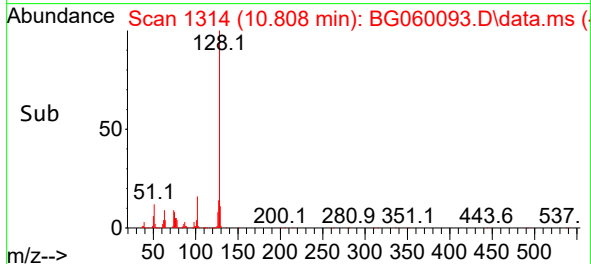
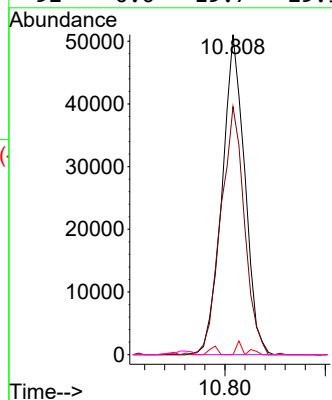
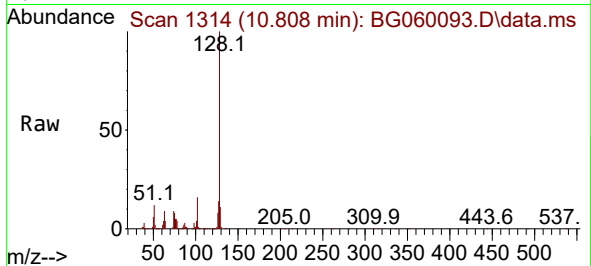




#33
4-Chloroaniline
Concen: 17.503 ng
RT: 10.808 min Scan# 11
Delta R.T. -0.106 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

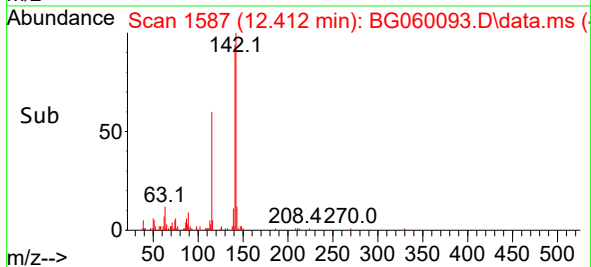
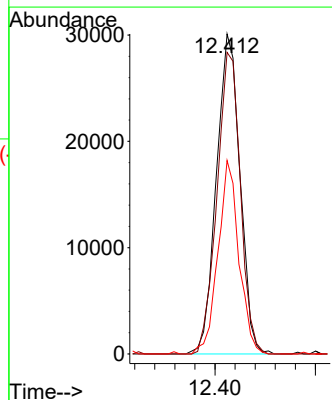
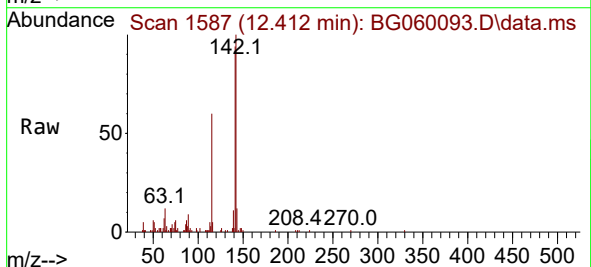
Instrument :
BNA_G
ClientSampleId :
MW-06IDL3

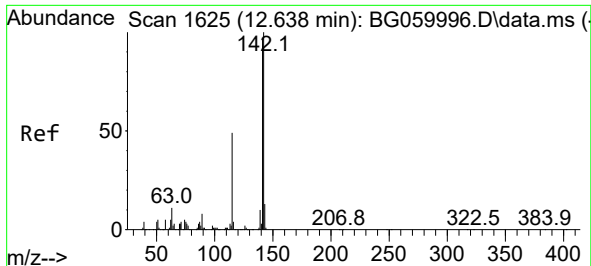
Tgt Ion:127	Resp:	79702
Ion Ratio	Lower	Upper
127	100	
129	77.5	25.7 38.5#
65	0.0	32.3 48.5#
92	0.0	19.7 29.5#



#37
2-Methylnaphthalene
Concen: 5.217 ng
RT: 12.412 min Scan# 1587
Delta R.T. -0.012 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

Tgt Ion:142	Resp:	48970
Ion Ratio	Lower	Upper
142	100	
141	94.3	69.9 104.9
115	60.4	36.1 54.1#

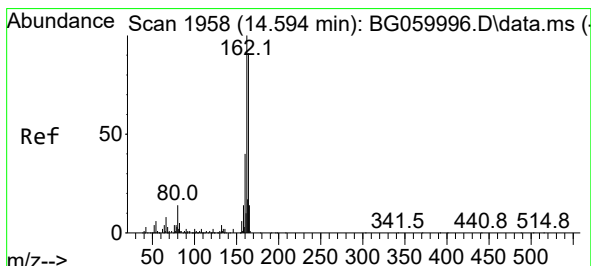
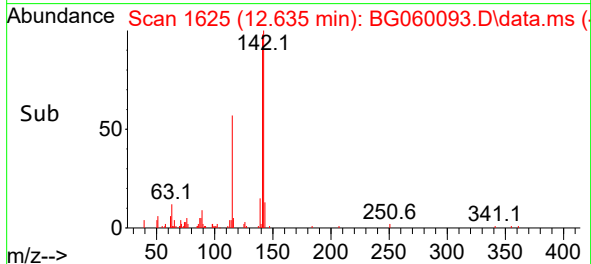
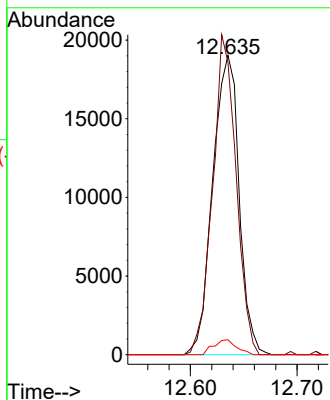
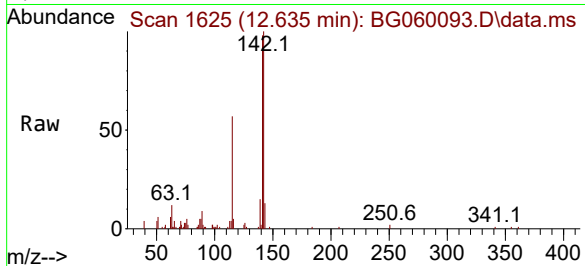




#38
1-Methylnaphthalene
Concen: 3.523 ng
RT: 12.635 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

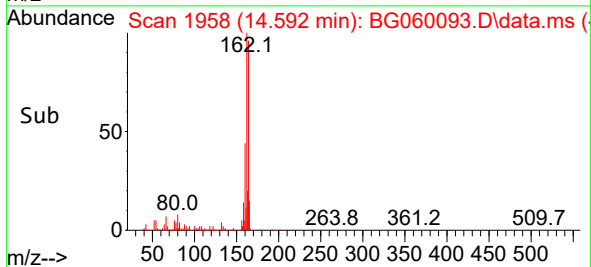
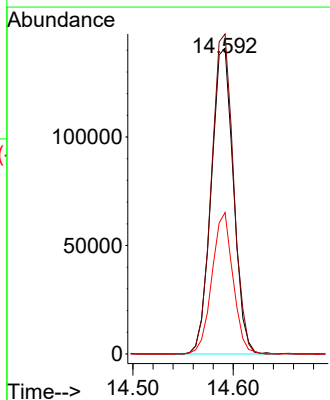
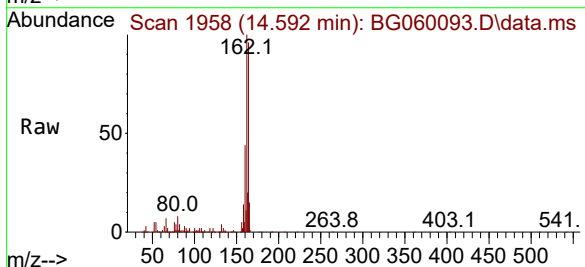
Instrument :
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ClientSampleId :
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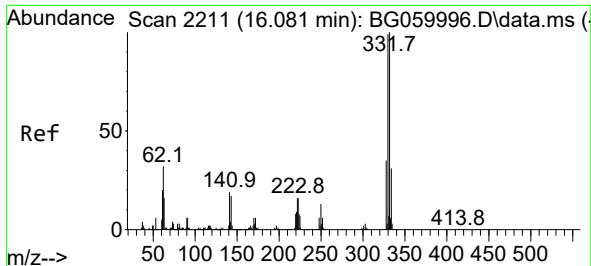
Tgt Ion:142 Resp: 32669
Ion Ratio Lower Upper
142 100
141 97.6 76.9 115.3
116 5.0 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

Tgt Ion:164 Resp: 216454
Ion Ratio Lower Upper
164 100
162 104.6 88.1 132.1
160 46.2 35.4 53.0

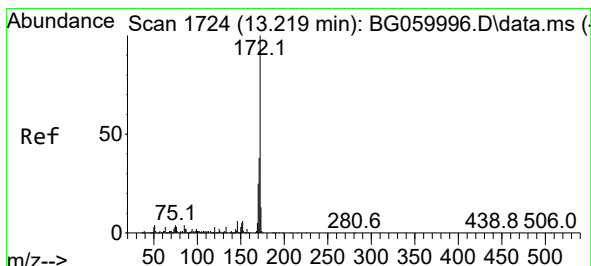
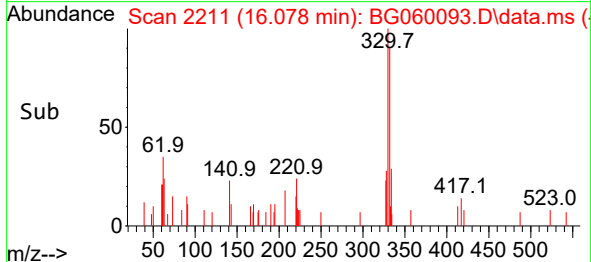
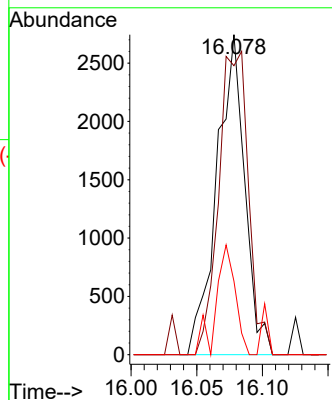
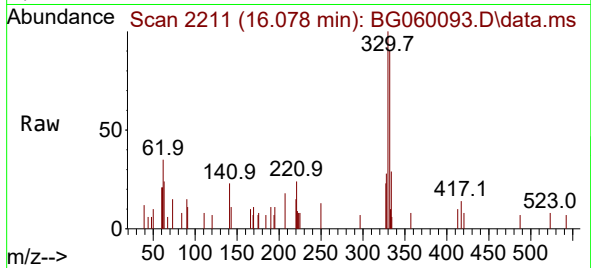




#42
2,4,6-Tribromophenol
Concen: 0.806 ng
RT: 16.078 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

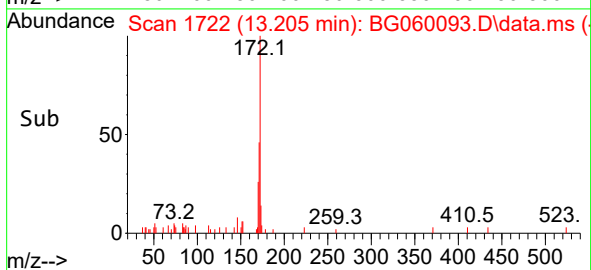
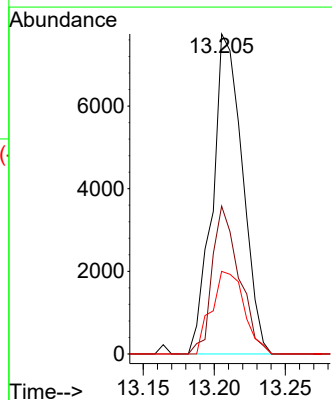
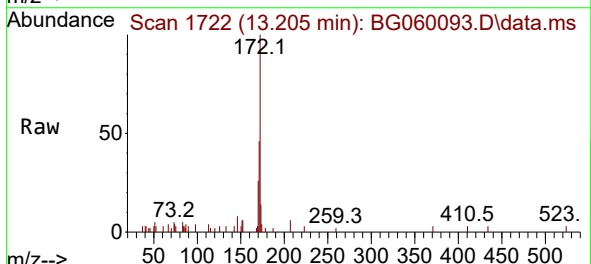
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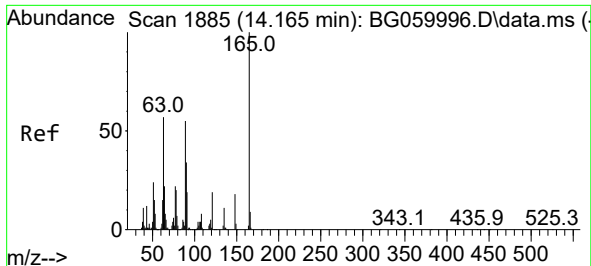
Tgt Ion: 330 Resp: 4067
Ion Ratio Lower Upper
330 100
332 100.5 76.2 114.4
141 23.7 14.3 21.5#



#45
2-Fluorobiphenyl
Concen: 0.644 ng
RT: 13.205 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

Tgt Ion: 172 Resp: 11382
Ion Ratio Lower Upper
172 100
171 46.2 30.1 45.1#
170 25.8 20.0 30.0

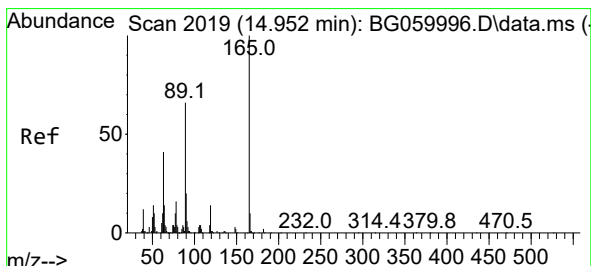
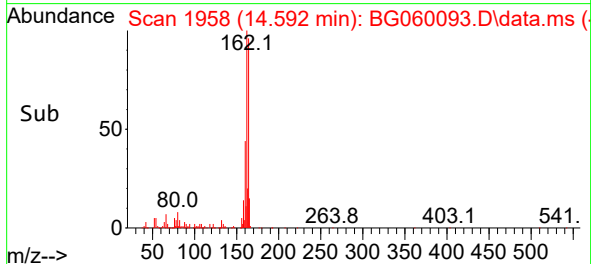
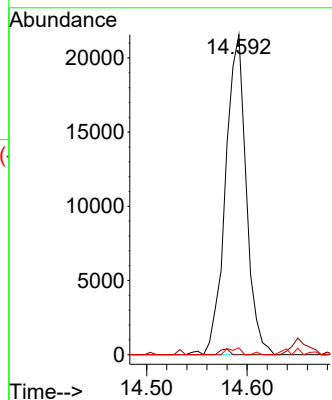
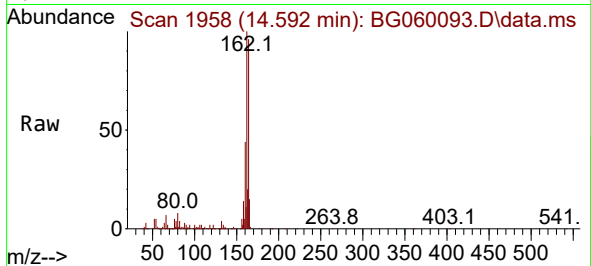




#51
2,6-Dinitrotoluene
Concen: 8.881 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.423 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

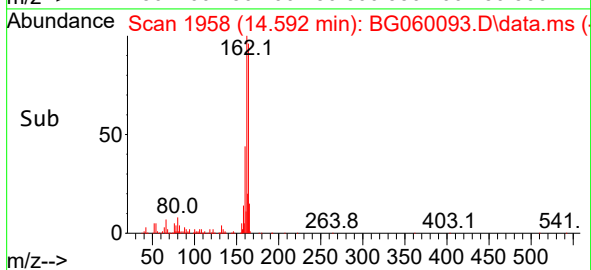
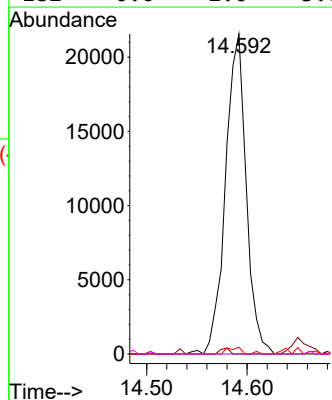
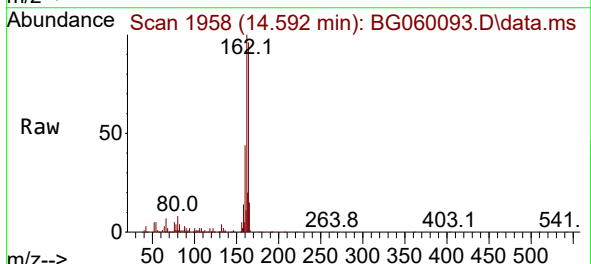
Instrument :
BNA_G
ClientSampleId :
MW-06IDL3

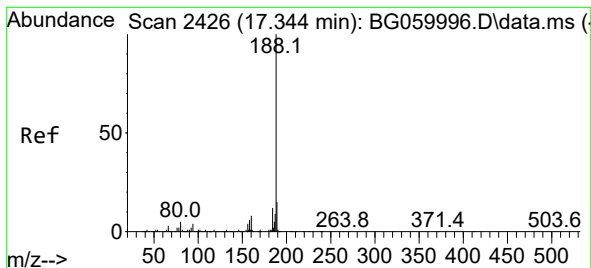
Tgt Ion:165 Resp: 30909
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.2#
89 2.1 44.4 66.6#



#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.359 min
Lab File: BG060093.D
Acq: 19 Dec 2023 20:09

Tgt Ion:165 Resp: 30909
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 2.1 53.0 79.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.336 min Scan# 24

Delta R.T. -0.012 min

Lab File: BG060093.D

Acq: 19 Dec 2023 20:09

Instrument :

BNA_G

ClientSampleId :

MW-06IDL3

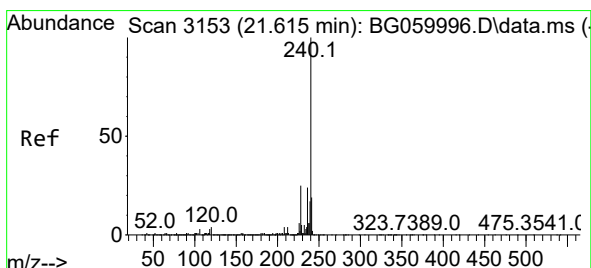
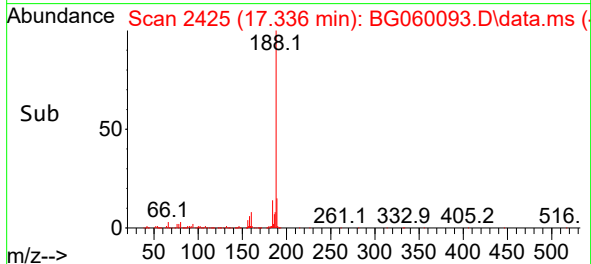
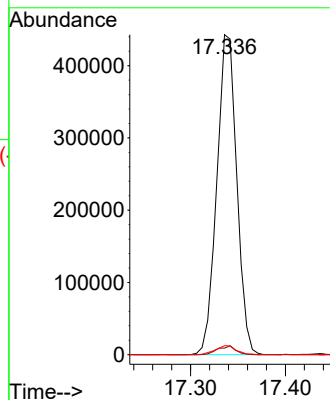
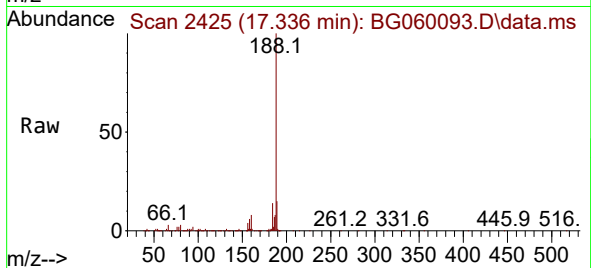
Tgt Ion:188 Resp: 648363

Ion Ratio Lower Upper

188 100

94 2.0 3.0 4.6#

80 2.8 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BG060093.D

Acq: 19 Dec 2023 20:09

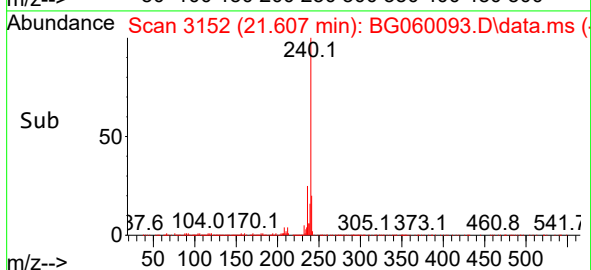
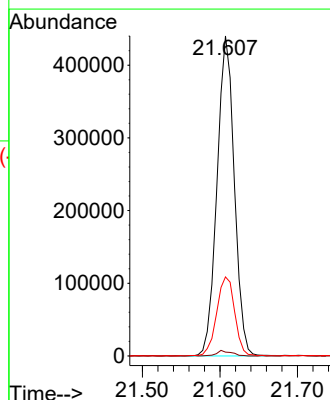
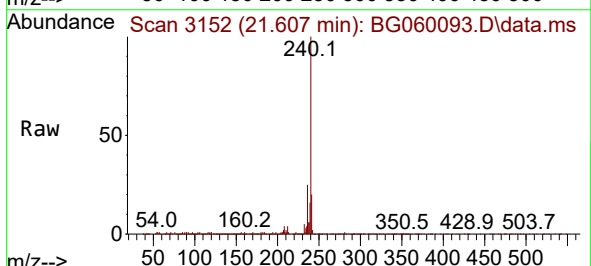
Tgt Ion:240 Resp: 682780

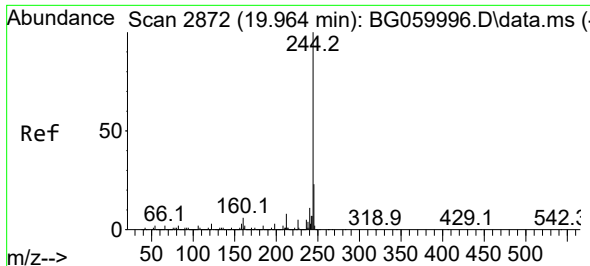
Ion Ratio Lower Upper

240 100

120 1.2 2.9 4.3#

236 24.7 19.4 29.2

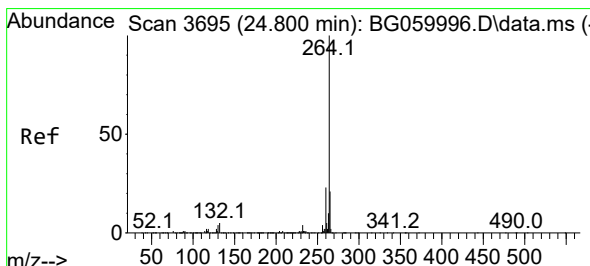
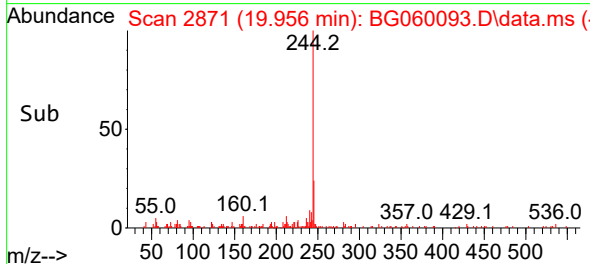
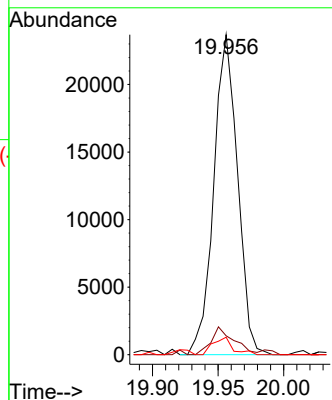
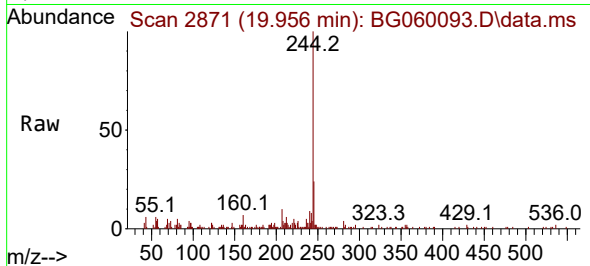




#79
 Terphenyl-d14
 Concen: 0.798 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG060093.D
 Acq: 19 Dec 2023 20:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-06IDL3

Tgt Ion:244 Resp: 29841
 Ion Ratio Lower Upper
 244 100
 212 5.9 6.8 10.2#
 122 5.5 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.803 min Scan# 3696
 Delta R.T. -0.012 min
 Lab File: BG060093.D
 Acq: 19 Dec 2023 20:09

Tgt Ion:264 Resp: 769616
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 22.4 17.3 25.9

