

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060737.D
 Acq On : 2 Apr 2024 12:42
 Operator : MA/JU
 Sample : PB159911BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159911BL

Quant Time: Apr 02 13:18:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

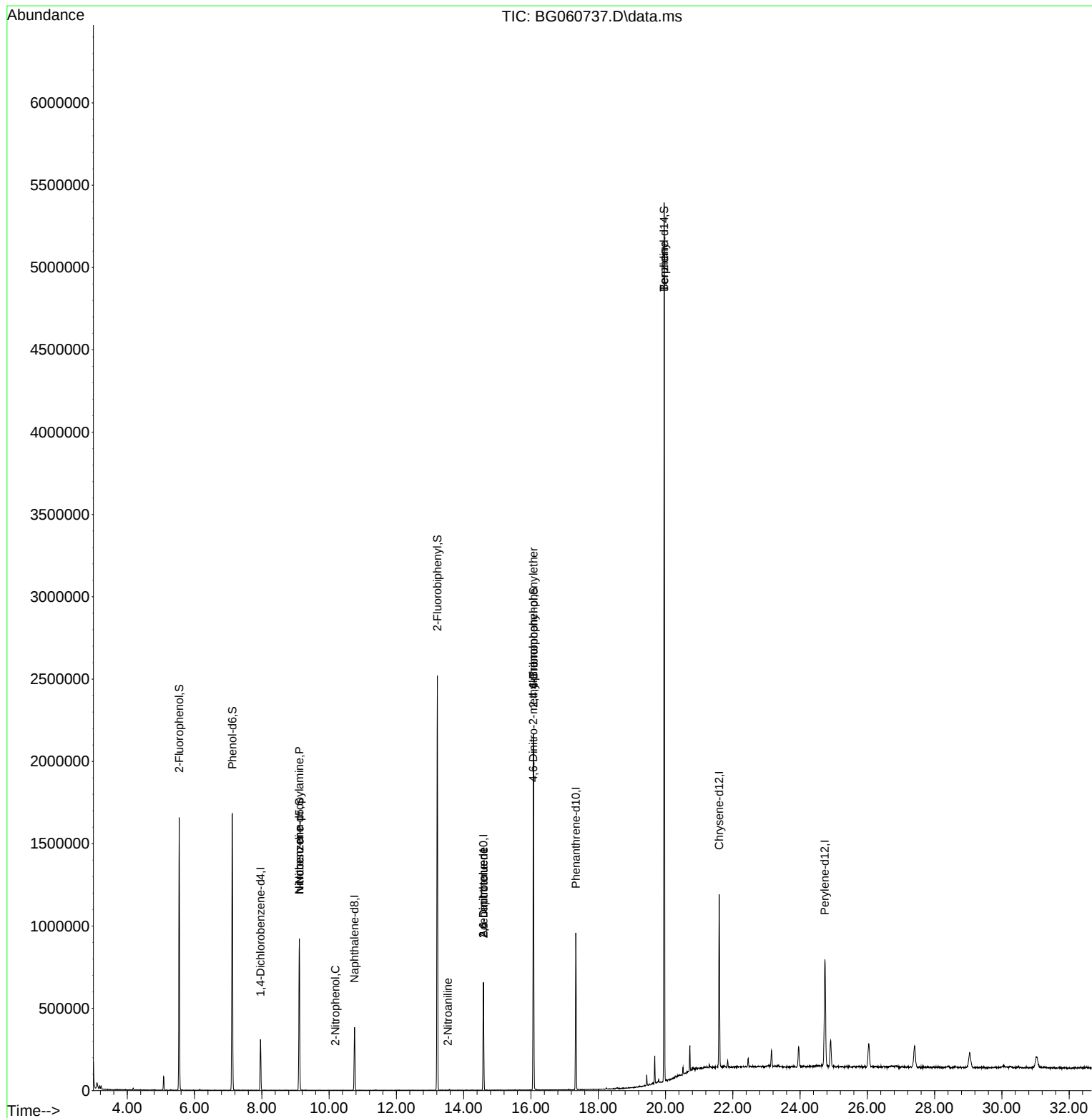
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	82692	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	318428	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	231736	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	608426	20.000	ng	0.00
76) Chrysene-d12	21.596	240	612770	20.000	ng	0.00
86) Perylene-d12	24.739	264	687131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	625793	126.070	ng	0.00
7) Phenol-d6	7.125	99	868084	117.814	ng	0.00
23) Nitrobenzene-d5	9.116	82	489440	87.707	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	406309	154.456	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1290677	81.741	ng	0.00
79) Terphenyl-d14	19.962	244	2657776	76.373	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	9.116	70	66232	11.787	ng	# 76
24) Nitrobenzene	9.116	77	1831	3.051	ng	# 57
26) 2-Nitrophenol	10.186	139	56	2.988	ng	# 31
48) 2-Nitroaniline	13.529	65	80	2.812	ng	# 11
51) 2,6-Dinitrotoluene	14.586	165	29689	11.888	ng	# 18
57) 2,4-Dinitrotoluene	14.586	165	29689	10.009	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.067	198	1395	7.508	ng	# 1
67) 4-Bromophenyl-phenylether	16.073	248	29035	4.702	ng	# 1
77) Benzidine	19.962	184	45153	2.798	ng	# 93

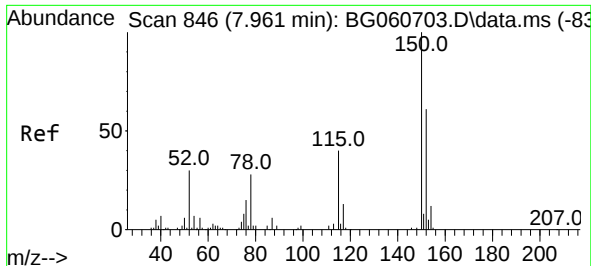
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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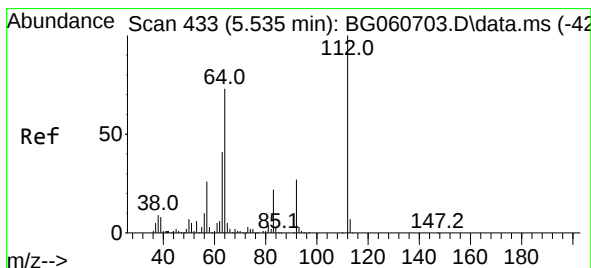
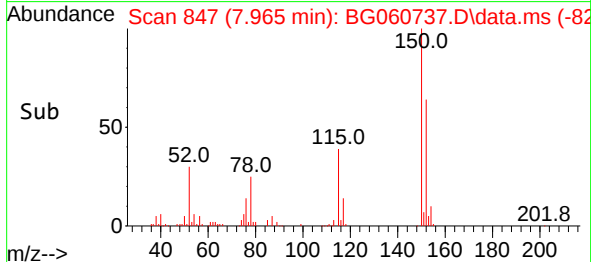
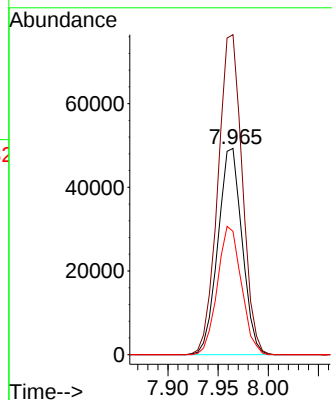
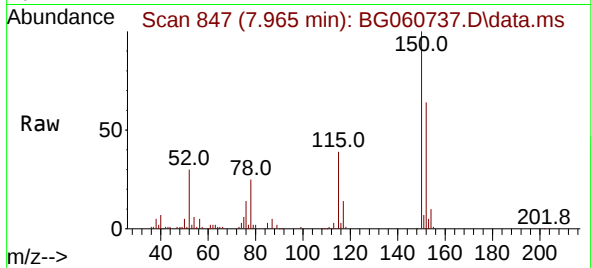




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.965 min Scan# 846
Delta R.T. 0.004 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

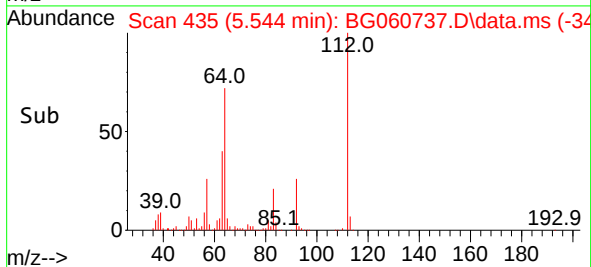
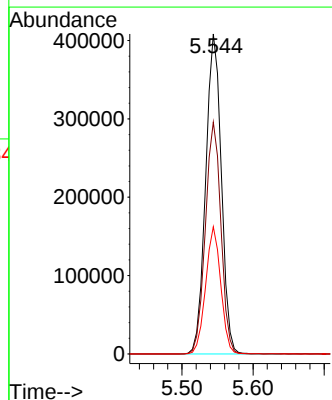
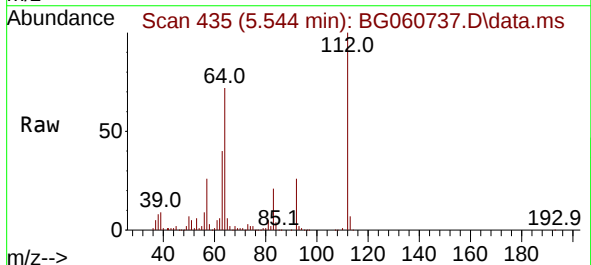
Instrument :
BNA_G
ClientSampleId :
PB159911BL

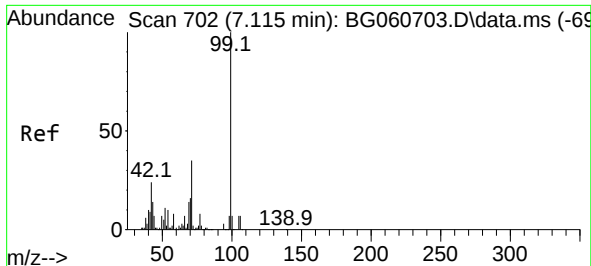
Tgt Ion:152 Resp: 82692
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.4
115 59.8 51.6 77.4



#5
2-Fluorophenol
Concen: 126.070 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion:112 Resp: 625793
Ion Ratio Lower Upper
112 100
64 72.5 58.4 87.6
63 39.7 32.7 49.1

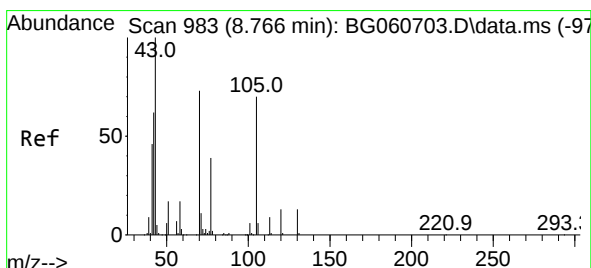
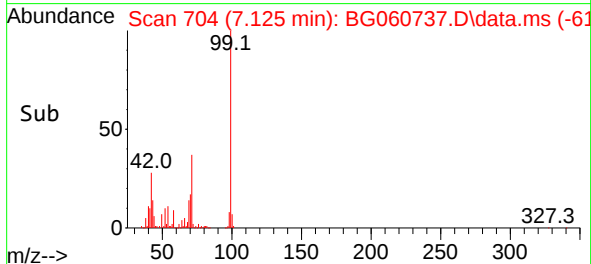
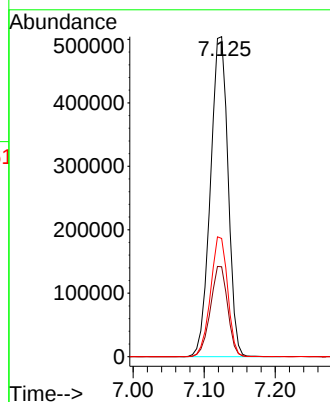
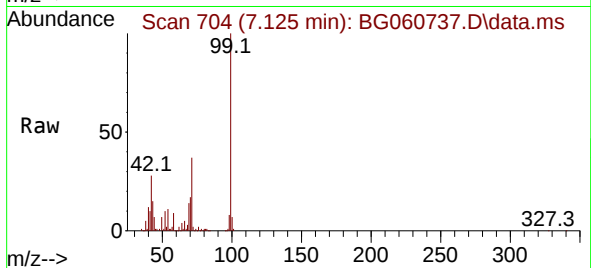




#7
Phenol-d6
Concen: 117.814 ng
RT: 7.125 min Scan# 70
Delta R.T. 0.009 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

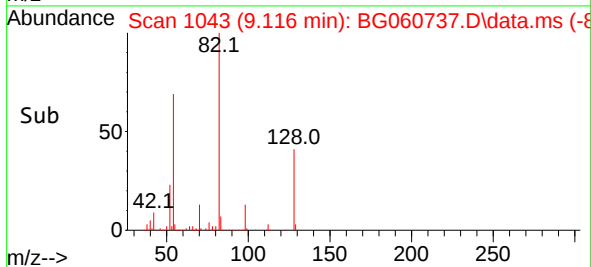
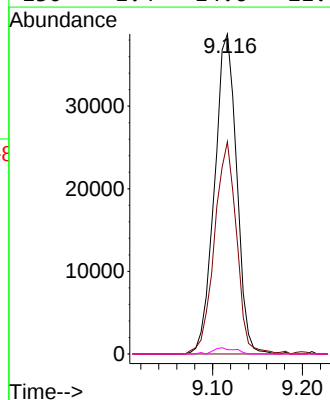
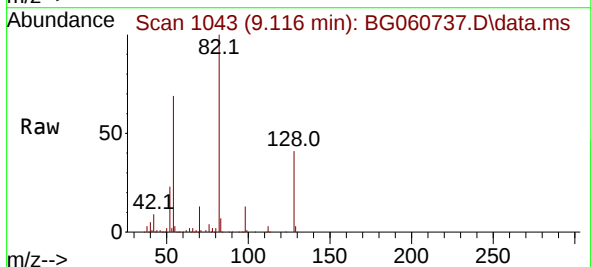
Instrument :
BNA_G
ClientSampleId :
PB159911BL

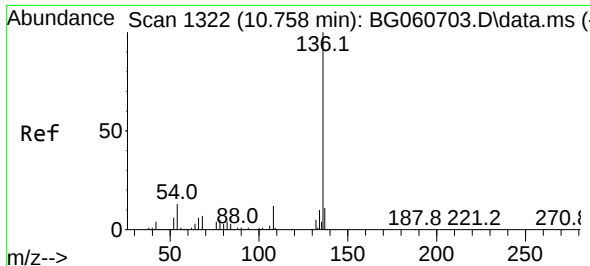
Tgt Ion: 99 Resp: 868084
Ion Ratio Lower Upper
99 100
42 28.1 19.4 29.2
71 37.0 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.787 ng
RT: 9.116 min Scan# 1043
Delta R.T. 0.350 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion: 70 Resp: 66232
Ion Ratio Lower Upper
70 100
42 66.3 68.4 102.6#
101 0.0 6.1 9.1#
130 1.4 14.6 21.8#



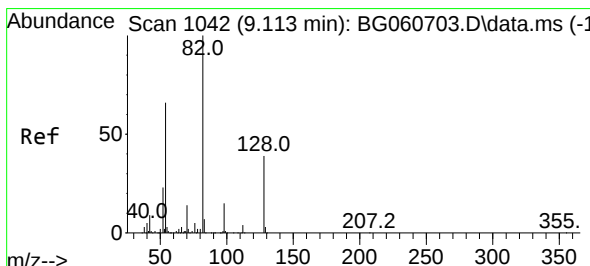
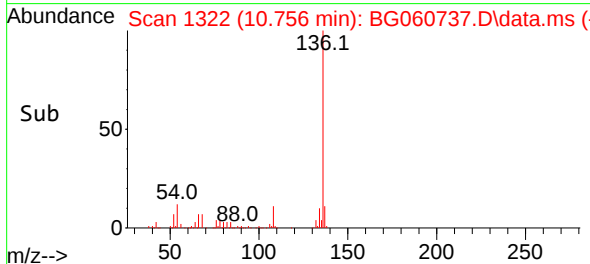
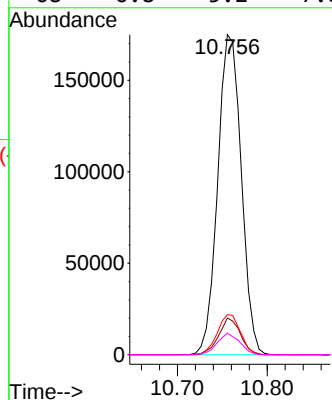
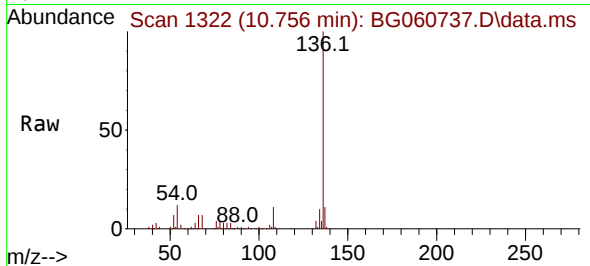


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Instrument :
BNA_G
ClientSampleId :
PB159911BL

Tgt Ion:136 Resp: 318428

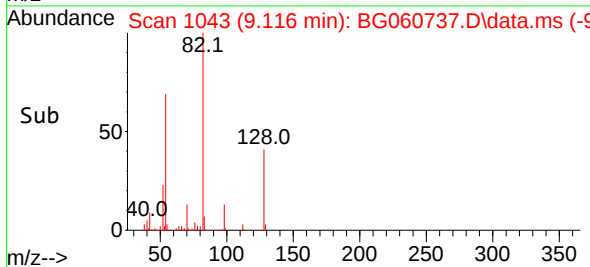
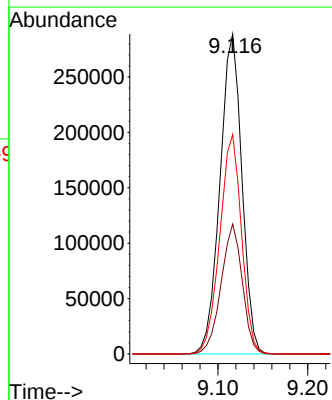
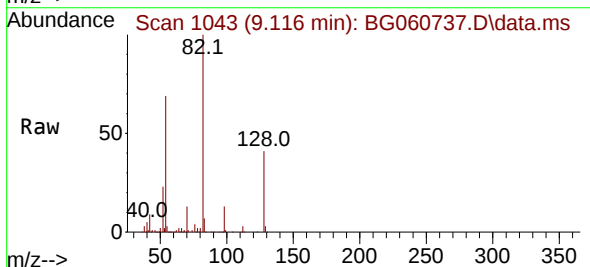
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.5	10.2	15.2
68	6.8	5.2	7.8

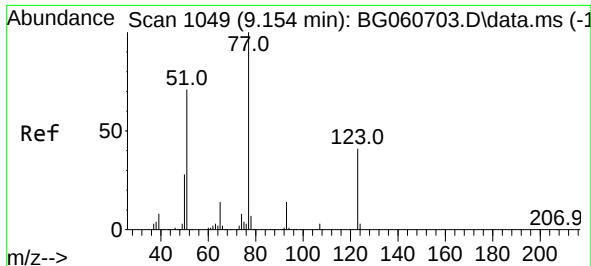


#23
Nitrobenzene-d5
Concen: 87.707 ng
RT: 9.116 min Scan# 1043
Delta R.T. 0.003 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion: 82 Resp: 489440

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.2	46.8
54	68.6	53.2	79.8

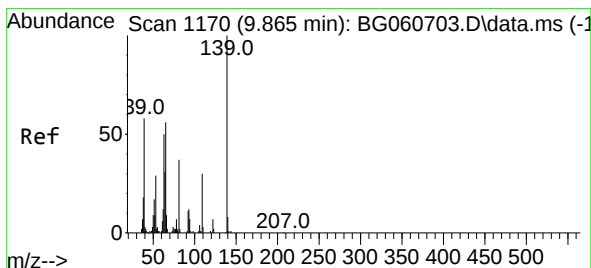
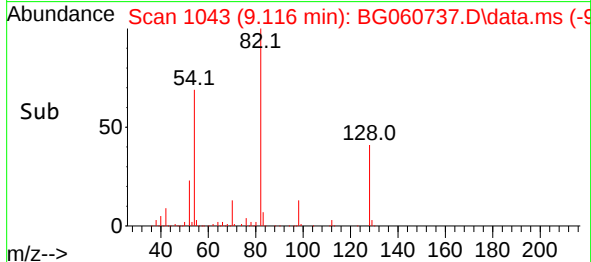
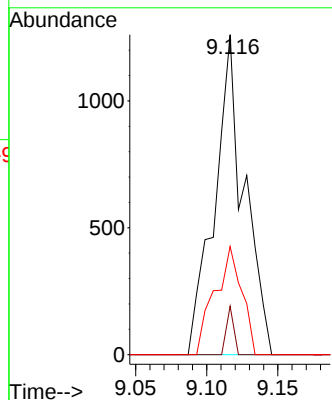
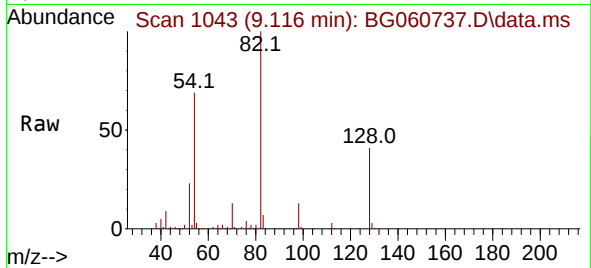




#24
Nitrobenzene
Concen: 3.051 ng
RT: 9.116 min Scan# 1043
Delta R.T. -0.038 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

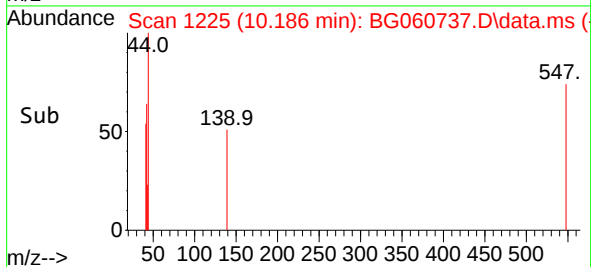
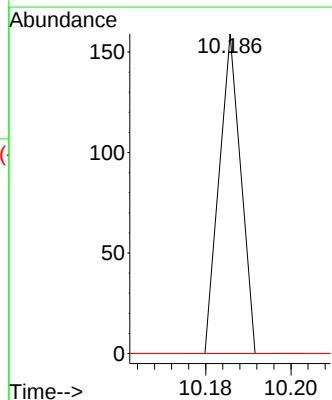
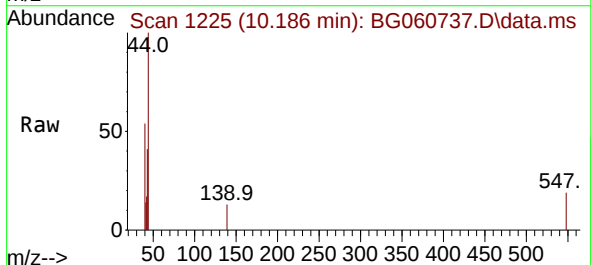
Instrument :
BNA_G
ClientSampleId :
PB159911BL

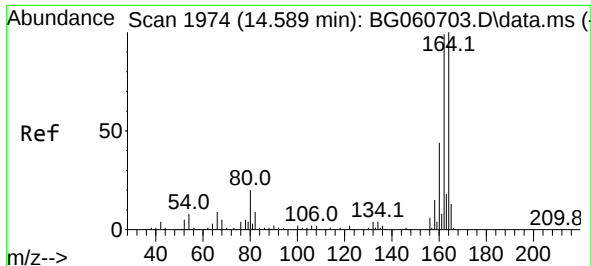
Tgt Ion: 77 Resp: 1831
Ion Ratio Lower Upper
77 100
123 15.1 32.7 49.1#
65 33.8 11.3 16.9#



#26
2-Nitrophenol
Concen: 2.988 ng
RT: 10.186 min Scan# 1225
Delta R.T. 0.321 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

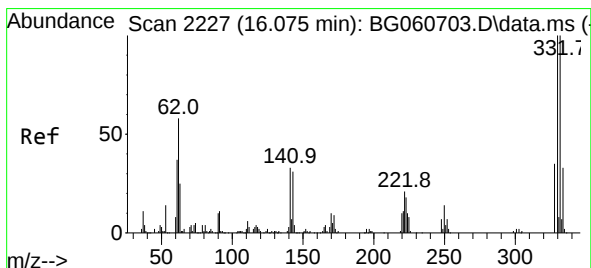
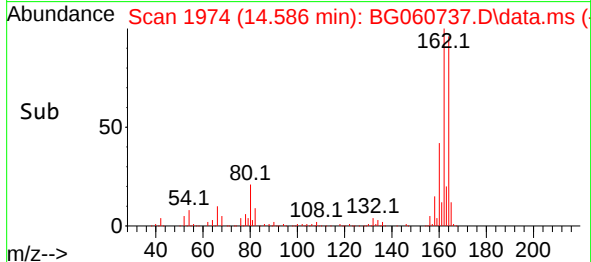
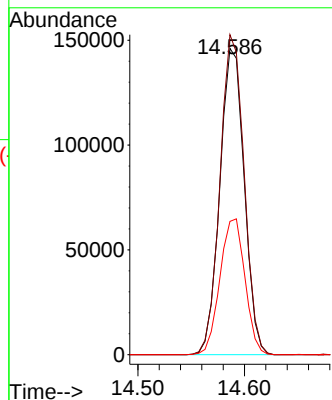
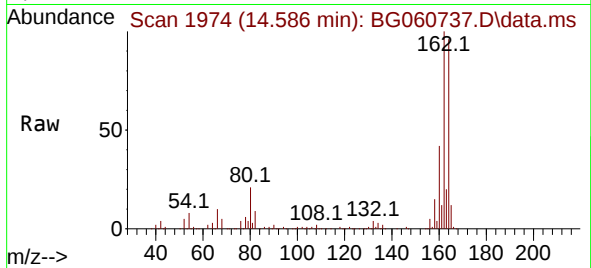




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

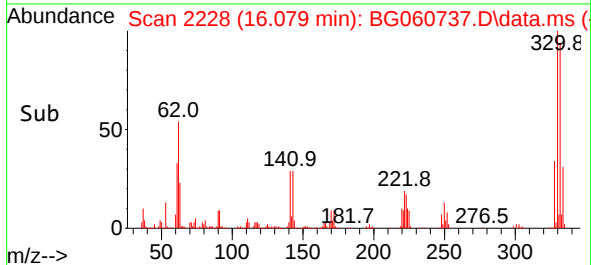
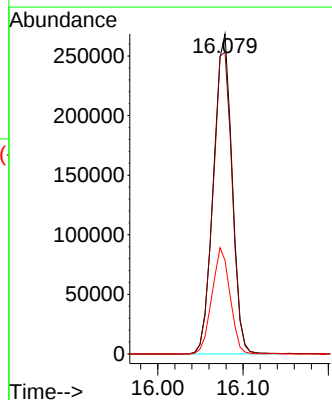
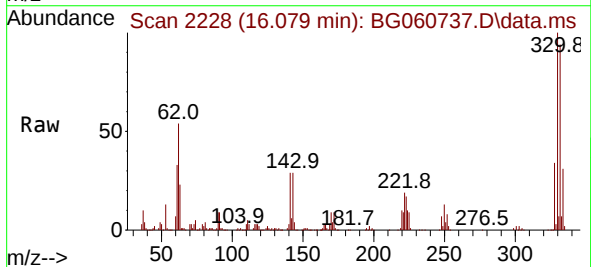
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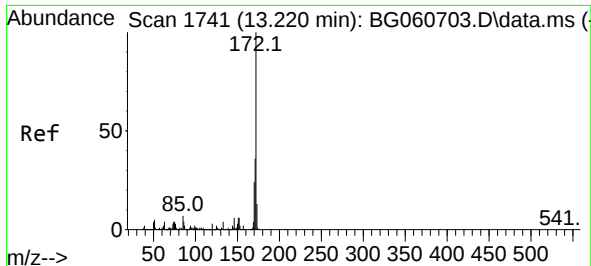
Tgt Ion:164 Resp: 231736
Ion Ratio Lower Upper
164 100
162 104.5 79.5 119.3
160 43.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 154.456 ng
RT: 16.079 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion:330 Resp: 406309
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 32.3 27.0 40.6

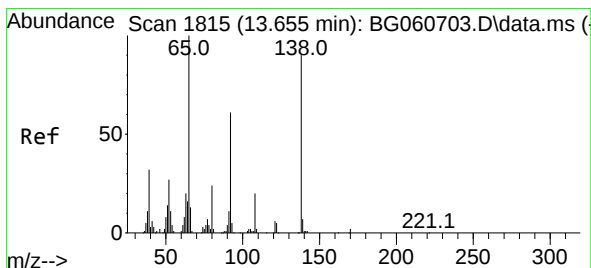
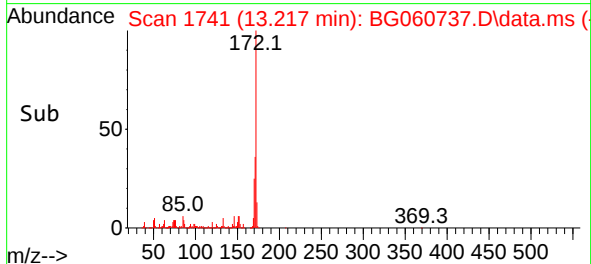
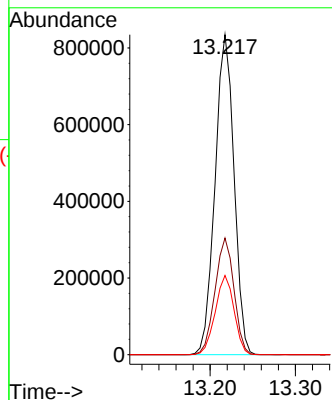
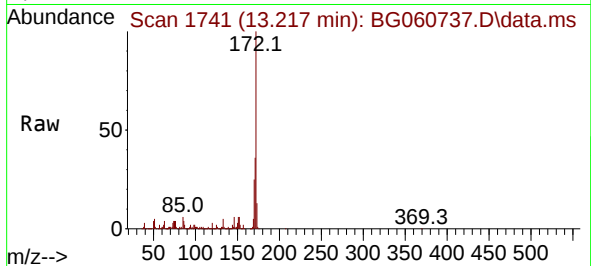




#45
2-Fluorobiphenyl
Concen: 81.741 ng
RT: 13.217 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

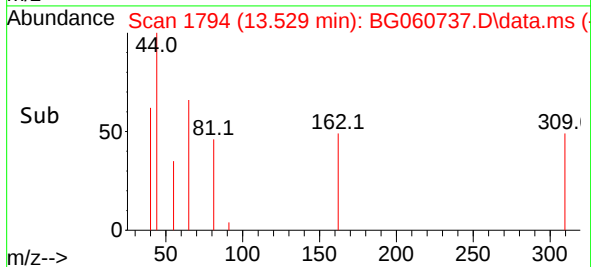
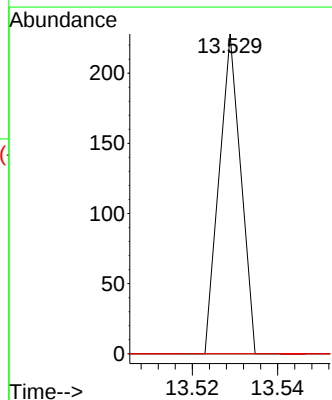
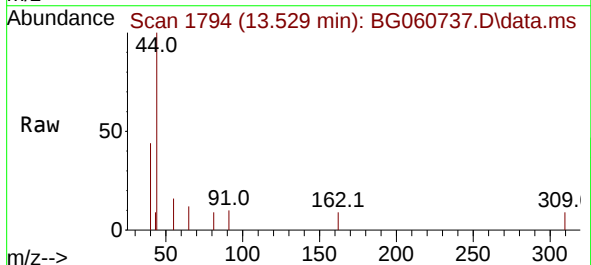
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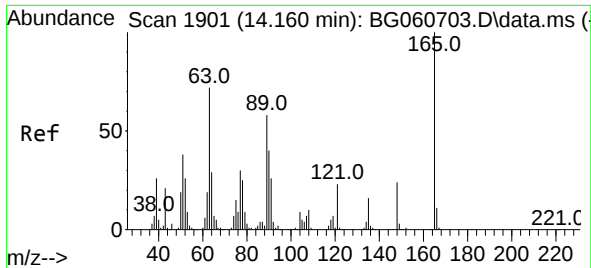
Tgt Ion:172 Resp: 1290677
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.8 19.4 29.0



#48
2-Nitroaniline
Concen: 2.812 ng
RT: 13.529 min Scan# 1794
Delta R.T. -0.126 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion: 65 Resp: 80
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

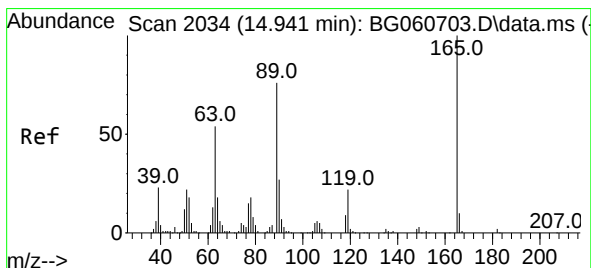
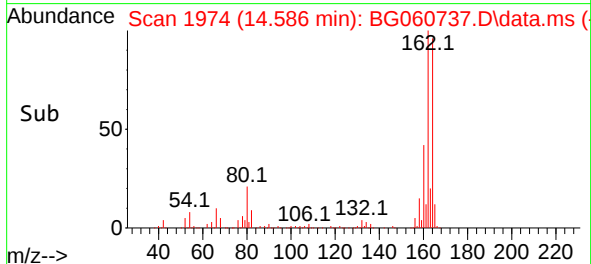
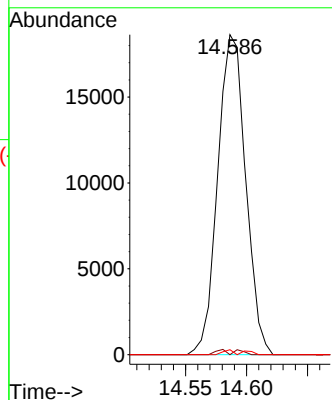
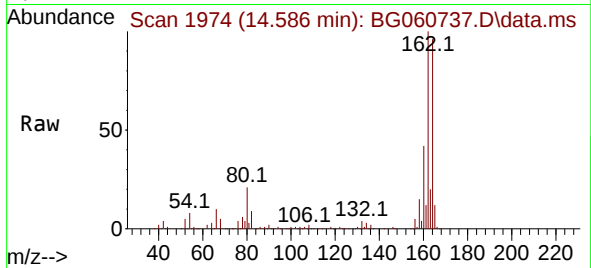




#51
2,6-Dinitrotoluene
Concen: 11.888 ng
RT: 14.586 min Scan# 1901
Delta R.T. 0.426 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

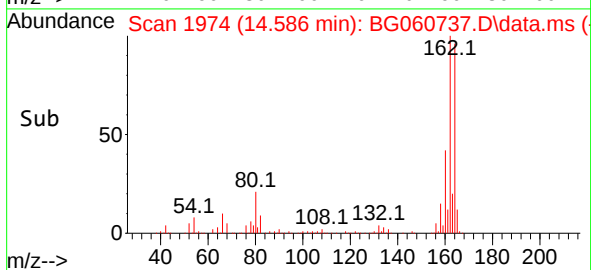
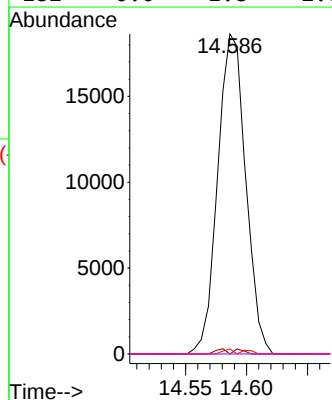
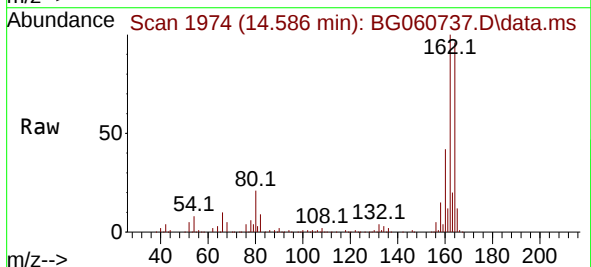
Instrument :
BNA_G
ClientSampleId :
PB159911BL

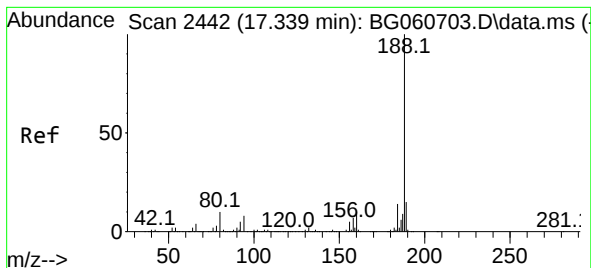
Tgt Ion:165 Resp: 29689
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 1.6 46.1 69.1#



#57
2,4-Dinitrotoluene
Concen: 10.009 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.355 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion:165 Resp: 29689
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 1.6 61.0 91.6#
182 0.0 1.8 2.6#

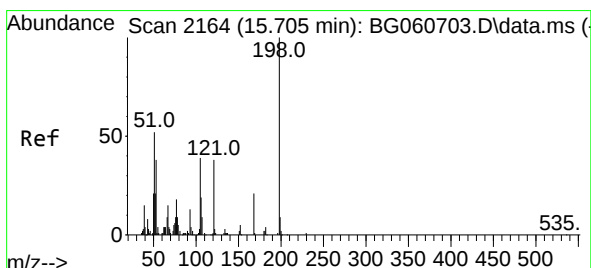
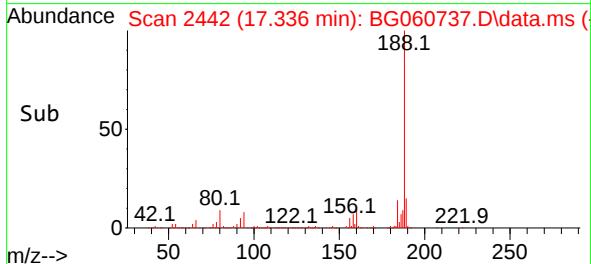
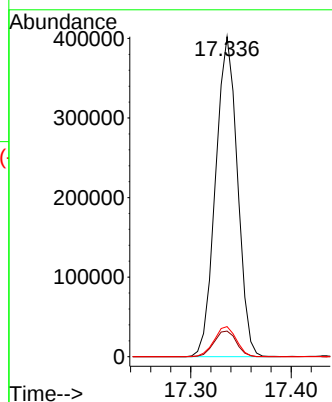
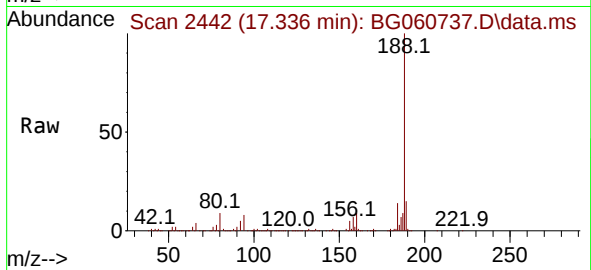




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

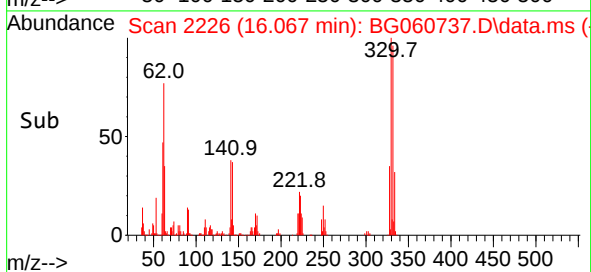
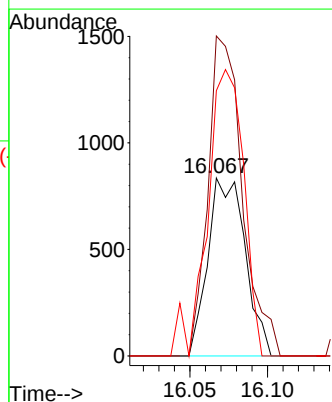
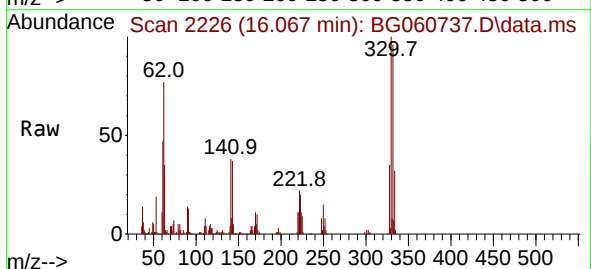
Instrument :
BNA_G
ClientSampleId :
PB159911BL

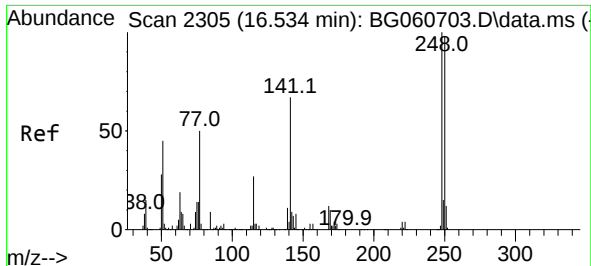
Tgt Ion:188 Resp: 608426
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 9.4 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.508 ng
RT: 16.067 min Scan# 2226
Delta R.T. 0.362 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion:198 Resp: 1395
Ion Ratio Lower Upper
198 100
51 179.9 36.7 76.7#
105 149.1 19.1 59.1#

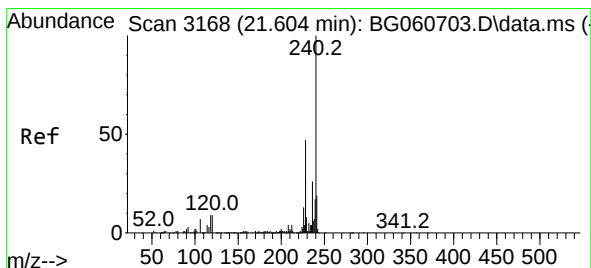
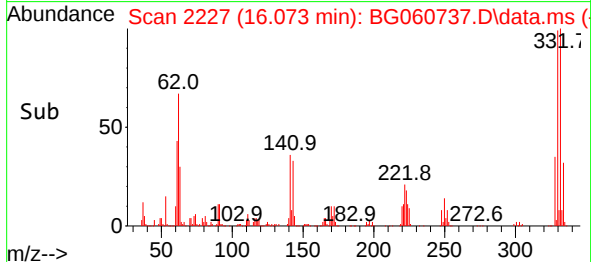
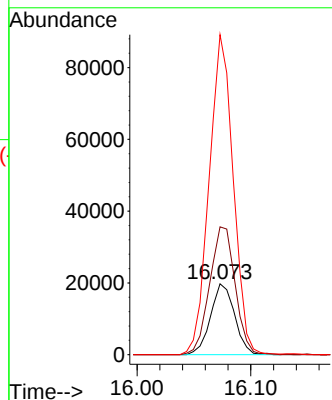
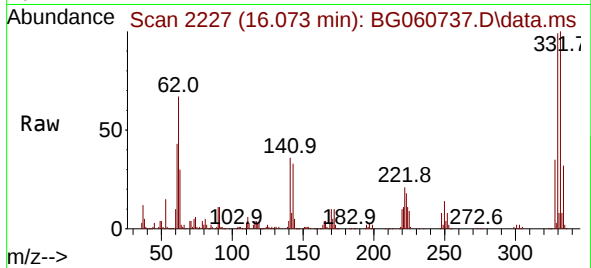




#67
4-Bromophenyl-phenylether
Concen: 4.702 ng
RT: 16.073 min Scan# 21
Delta R.T. -0.461 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

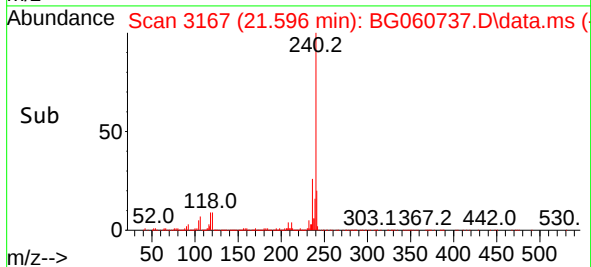
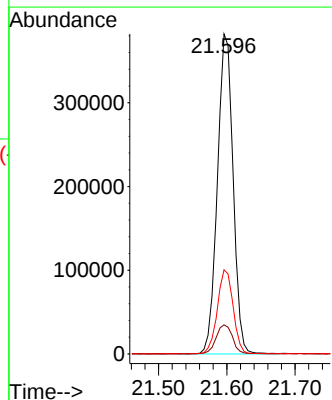
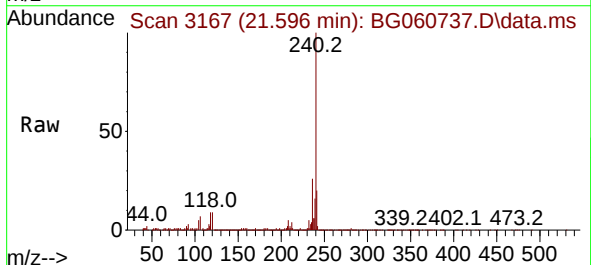
Instrument :
BNA_G
ClientSampleId :
PB159911BL

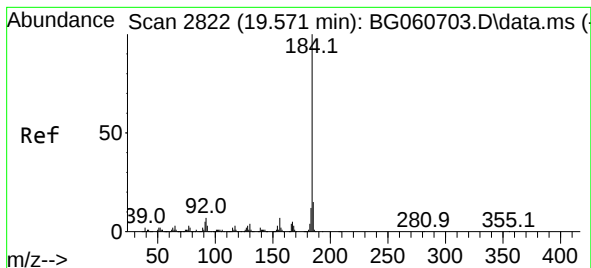
Tgt Ion:248 Resp: 29035
Ion Ratio Lower Upper
248 100
250 180.1 78.3 117.5#
141 451.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.596 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BG060737.D
Acq: 2 Apr 2024 12:42

Tgt Ion:240 Resp: 612770
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 26.3 20.7 31.1





#77

Benzidine

Concen: 2.798 ng

RT: 19.962 min Scan# 2889

Delta R.T. 0.391 min

Lab File: BG060737.D

Acq: 2 Apr 2024 12:42

Instrument :

BNA_G

ClientSampleId :

PB159911BL

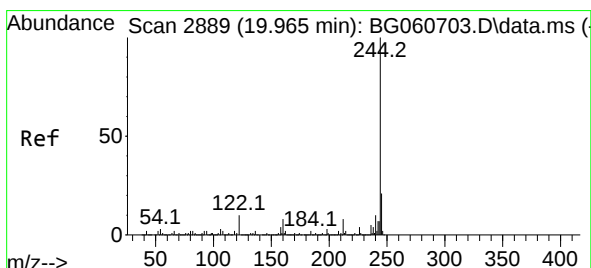
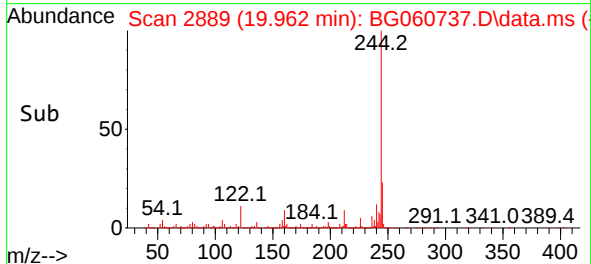
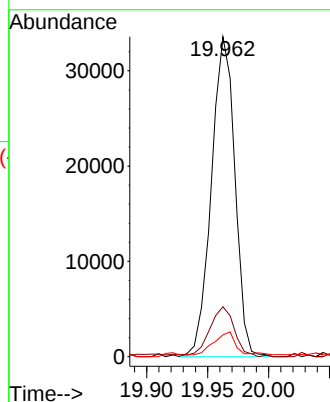
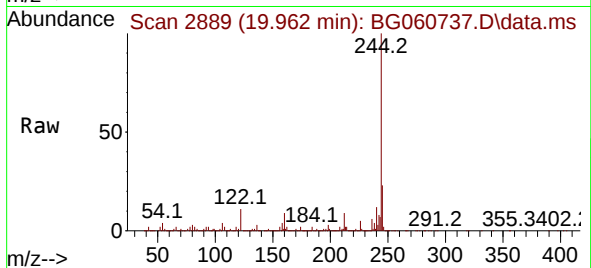
Tgt Ion:184 Resp: 45153

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.6

183 6.8 9.5 14.3#



#79

Terphenyl-d14

Concen: 76.373 ng

RT: 19.962 min Scan# 2889

Delta R.T. -0.003 min

Lab File: BG060737.D

Acq: 2 Apr 2024 12:42

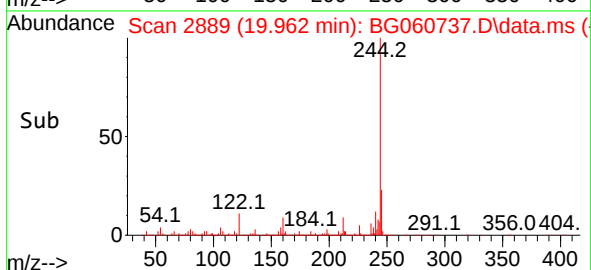
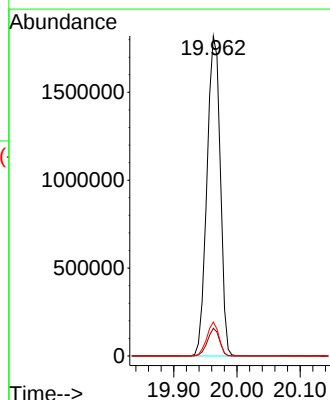
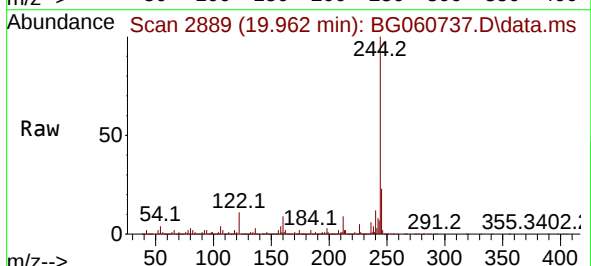
Tgt Ion:244 Resp: 2657776

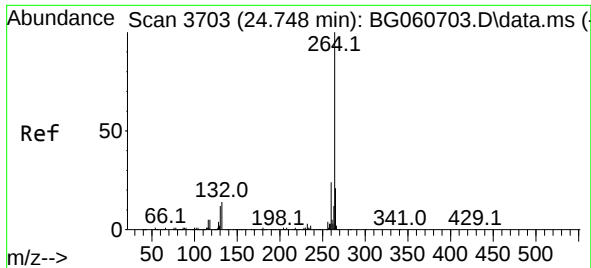
Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

122 10.6 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.739 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG060737.D
 Acq: 2 Apr 2024 12:42

Instrument :
 BNA_G
 ClientSampleId :
 PB159911BL

Tgt Ion:264 Resp: 687131
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.7 16.9 25.3

