

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060773.D
 Acq On : 4 Apr 2024 11:13
 Operator : MA/JU
 Sample : PB159958BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159958BL

Quant Time: Apr 04 12:04:59 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)

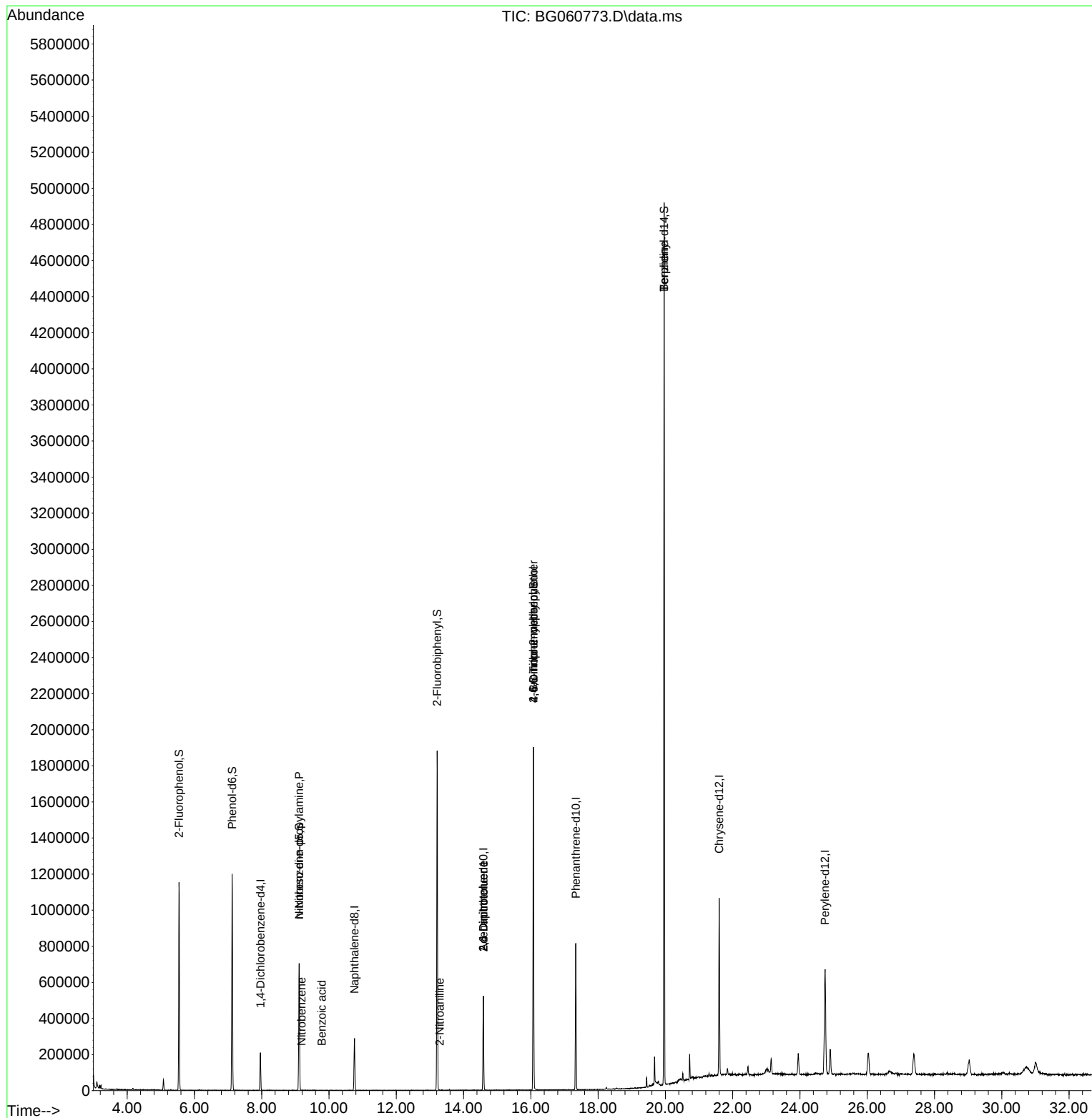
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	54748	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	227066	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	177969	20.000	ng	0.00
64) Phenanthrene-d10	17.338	188	522618	20.000	ng	0.00
76) Chrysene-d12	21.598	240	566802	20.000	ng	0.00
86) Perylene-d12	24.747	264	635782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	438194	133.335	ng	0.00
7) Phenol-d6	7.121	99	592705	121.498	ng	0.00
23) Nitrobenzene-d5	9.113	82	379090	95.265	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	360957	178.671	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	971541	80.119	ng	0.00
79) Terphenyl-d14	19.965	244	2468712	76.693	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.113	70	51597	13.870	ng	# 76
24) Nitrobenzene	9.183	77	58	2.785	ng	# 42
32) Benzoic acid	9.788	122	54	6.855	ng	# 1
48) 2-Nitroaniline	13.290	65	73	2.816	ng	# 11
51) 2,6-Dinitrotoluene	14.589	165	22647	11.831	ng	# 19
57) 2,4-Dinitrotoluene	14.589	165	22647	9.964	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.075	198	1176	7.499	ng	# 1
67) 4-Bromophenyl-phenylether	16.075	248	23273	4.388	ng	# 1
77) Benzidine	19.965	184	39246	2.630	ng	# 92

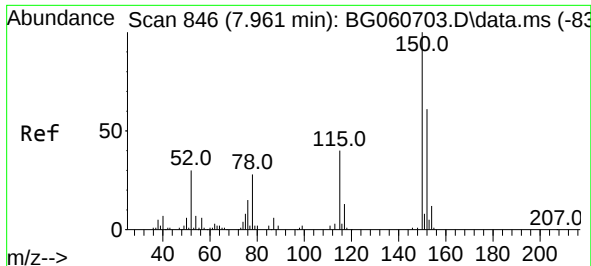
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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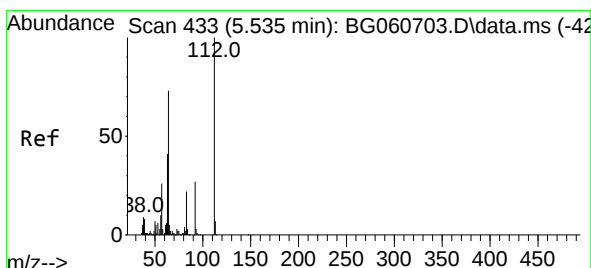
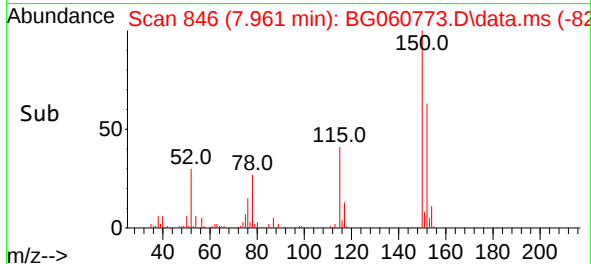
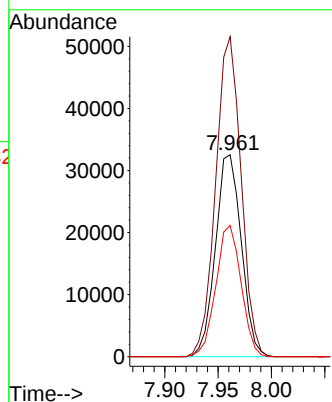
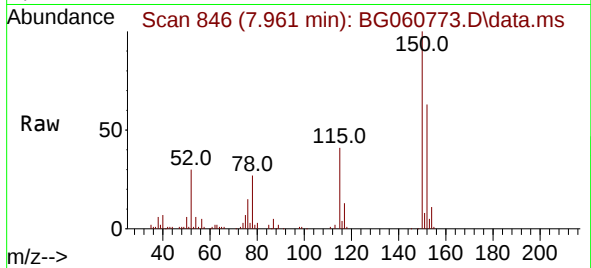




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

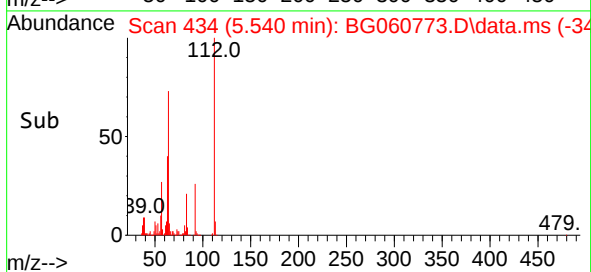
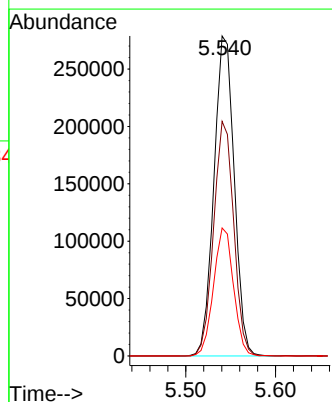
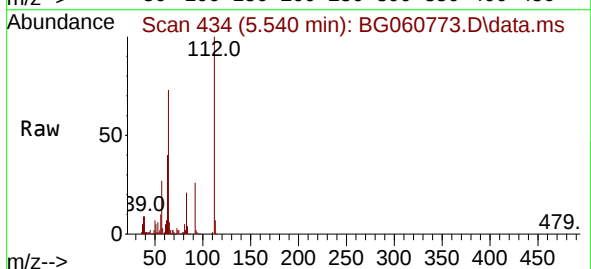
Instrument :
BNA_G
ClientSampleId :
PB159958BL

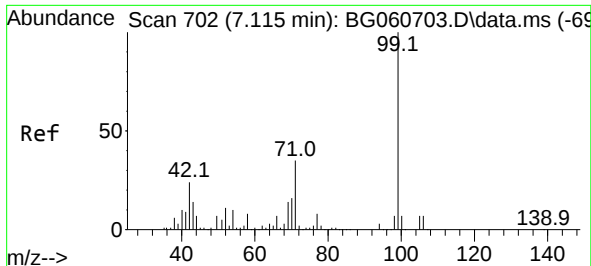
Tgt Ion:152 Resp: 54748
Ion Ratio Lower Upper
152 100
150 158.4 130.2 195.4
115 65.0 51.6 77.4



#5
2-Fluorophenol
Concen: 133.335 ng
RT: 5.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:112 Resp: 438194
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 40.0 32.7 49.1

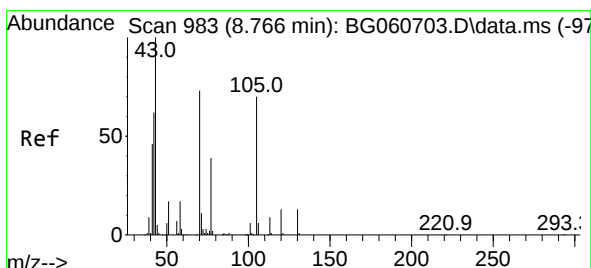
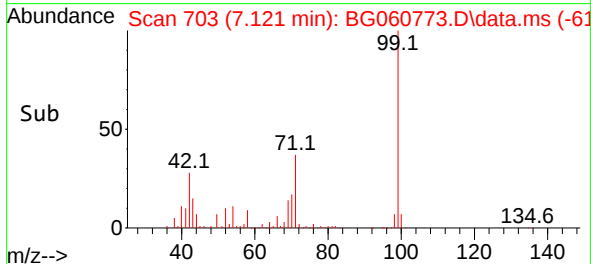
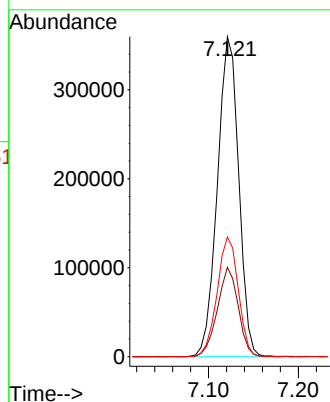
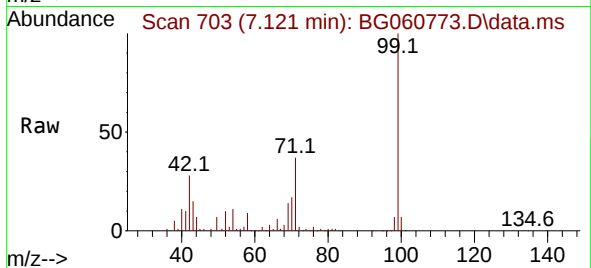




#7
Phenol-d6
Concen: 121.498 ng
RT: 7.121 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

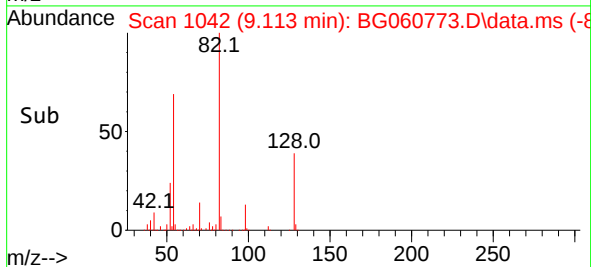
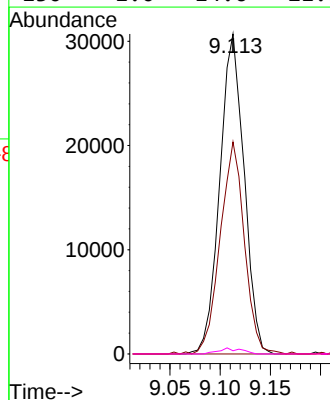
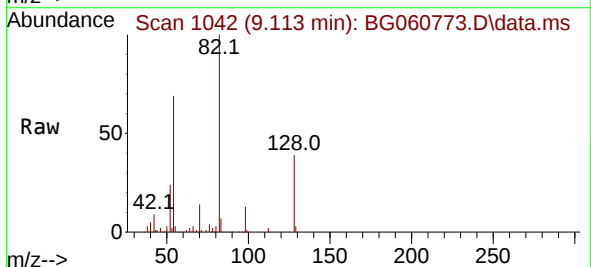
Instrument :
BNA_G
ClientSampleId :
PB159958BL

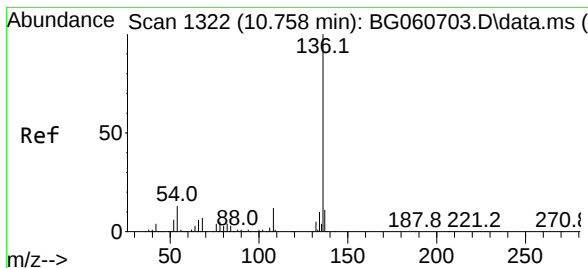
Tgt Ion: 99 Resp: 592705
Ion Ratio Lower Upper
99 100
42 28.0 19.4 29.2
71 37.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.870 ng
RT: 9.113 min Scan# 1042
Delta R.T. 0.347 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion: 70 Resp: 51597
Ion Ratio Lower Upper
70 100
42 66.2 68.4 102.6#
101 0.0 6.1 9.1#
130 1.0 14.6 21.8#



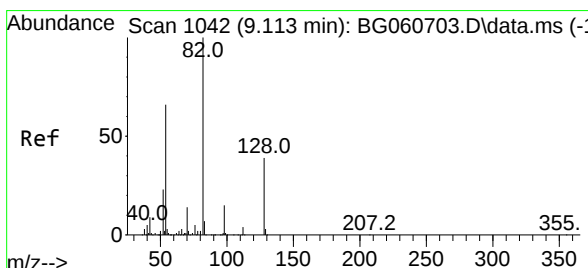
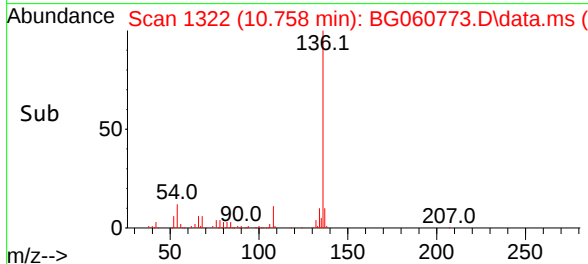
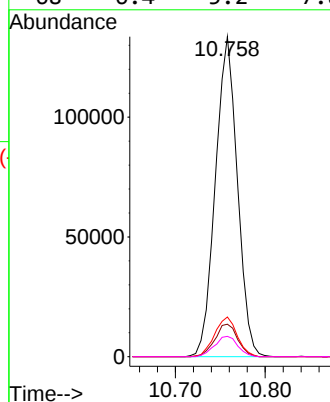
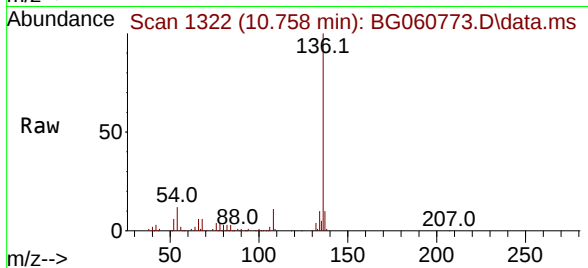


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.758 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Instrument :
BNA_G
ClientSampleId :
PB159958BL

Tgt Ion:136 Resp: 227066

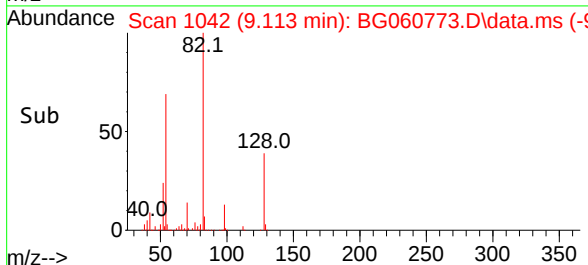
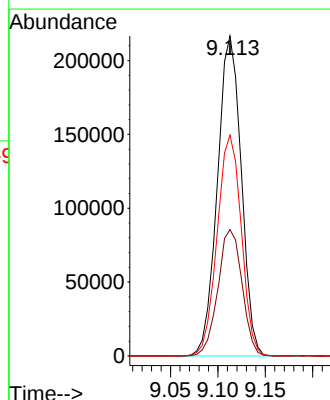
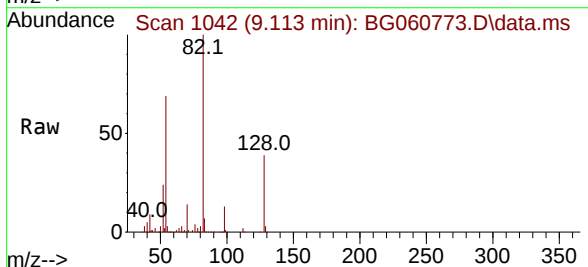
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	12.4	10.2	15.2
68	6.4	5.2	7.8

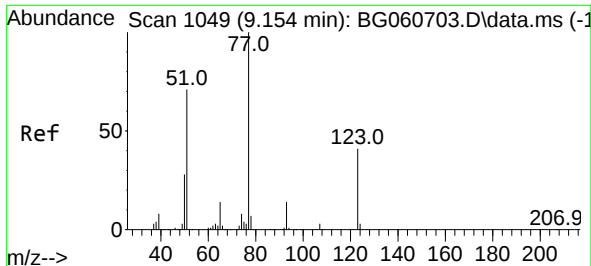


#23
Nitrobenzene-d5
Concen: 95.265 ng
RT: 9.113 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion: 82 Resp: 379090

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.2	46.8
54	69.0	53.2	79.8

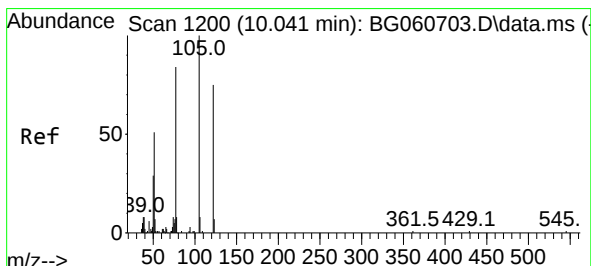
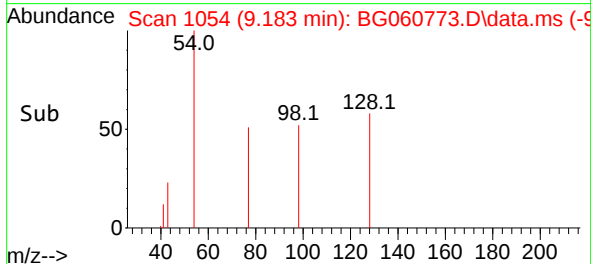
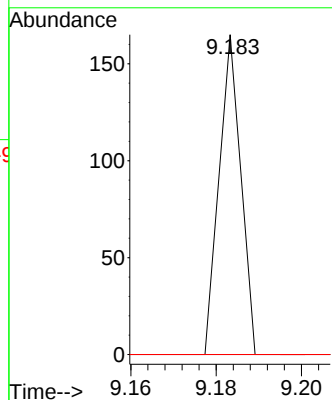
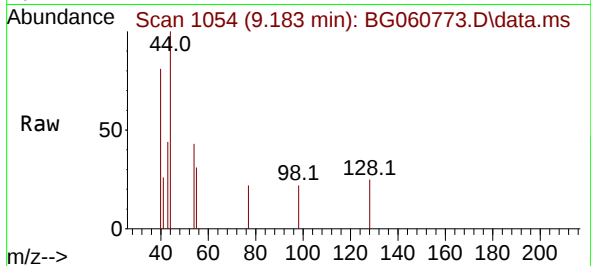




#24
Nitrobenzene
Concen: 2.785 ng
RT: 9.183 min Scan# 1157
Delta R.T. 0.029 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

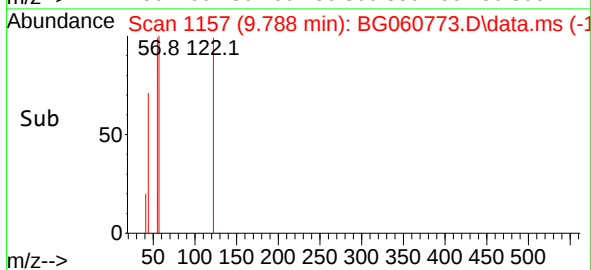
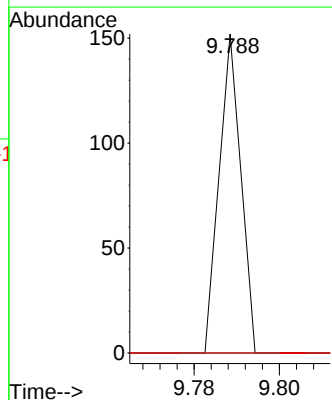
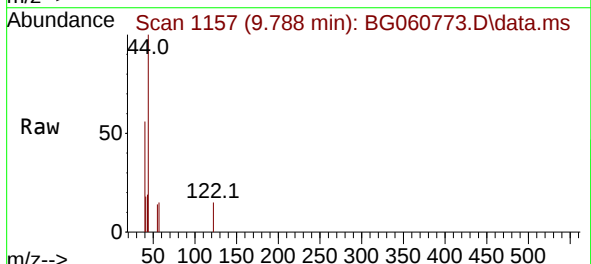
Instrument :
BNA_G
ClientSampleId :
PB159958BL

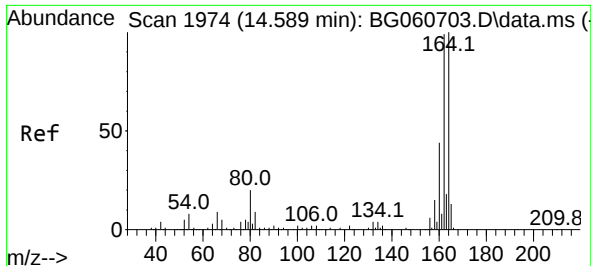
Tgt Ion: 77 Resp: 58
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 6.855 ng
RT: 9.788 min Scan# 1157
Delta R.T. -0.253 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion: 122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#

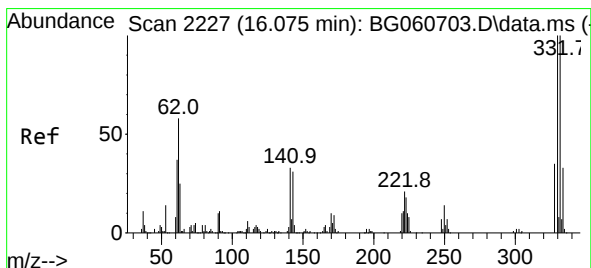
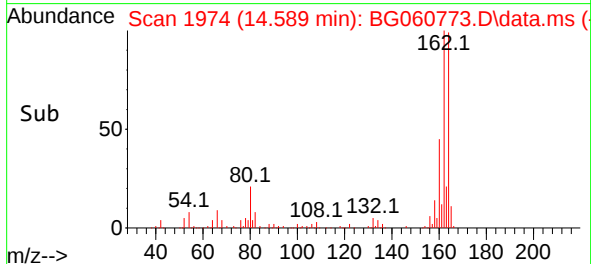
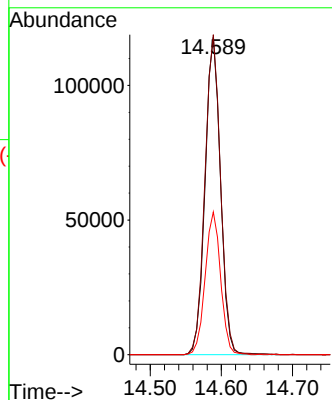
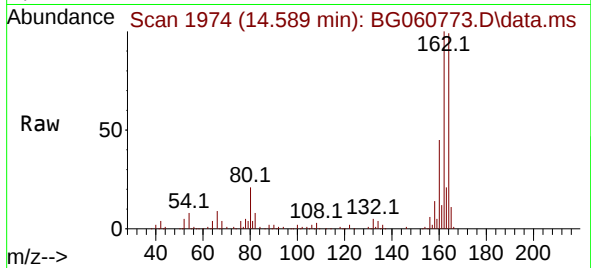




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

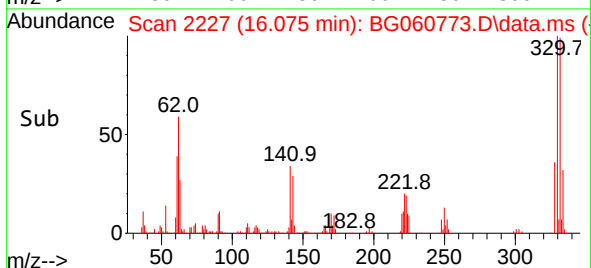
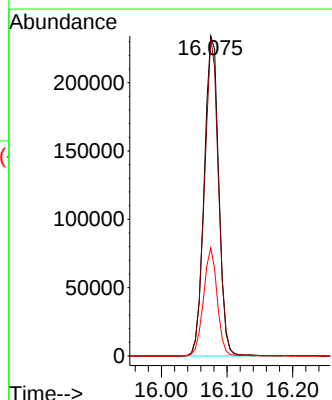
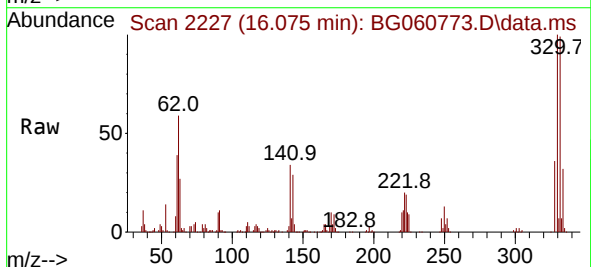
Instrument :
BNA_G
ClientSampleId :
PB159958BL

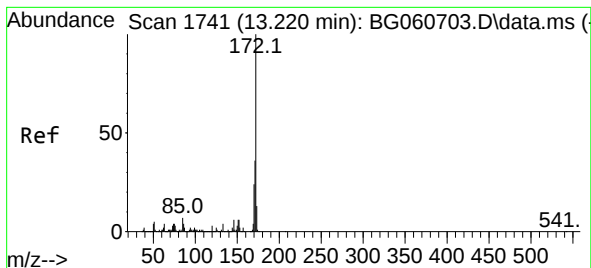
Tgt Ion:164 Resp: 177969
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 178.671 ng
RT: 16.075 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:330 Resp: 360957
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.4
141 31.8 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 80.119 ng

RT: 13.214 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060773.D

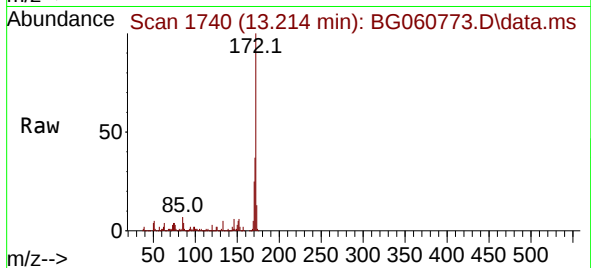
Acq: 4 Apr 2024 11:13

Instrument :

BNA_G

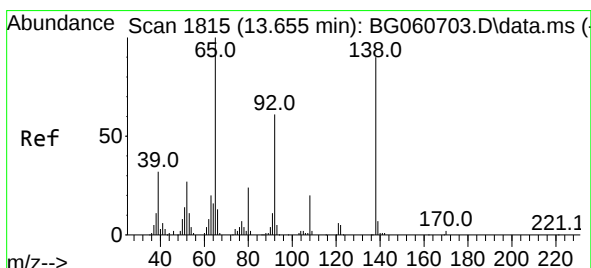
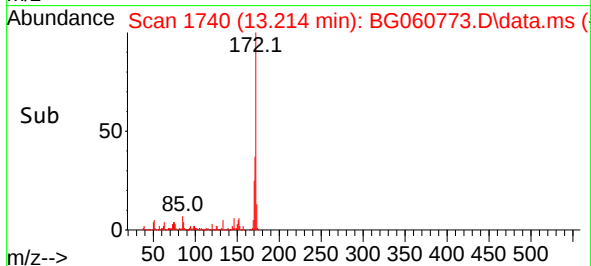
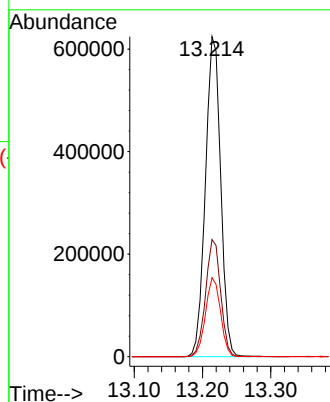
ClientSampleId :

PB159958BL



Tgt Ion:172 Resp: 971541

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	24.7	19.4	29.0



#48

2-Nitroaniline

Concen: 2.816 ng

RT: 13.290 min Scan# 1753

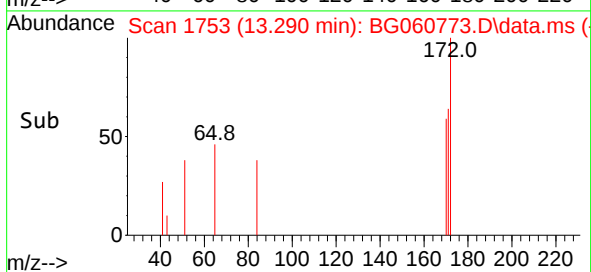
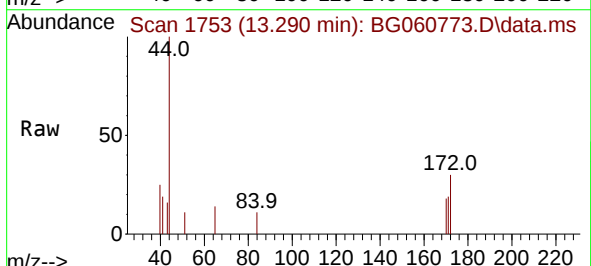
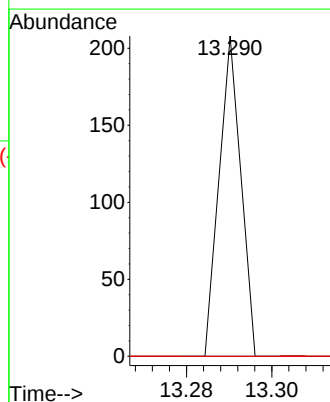
Delta R.T. -0.365 min

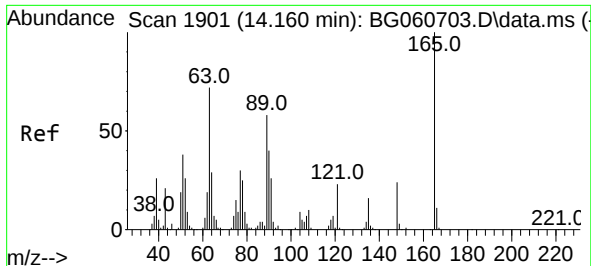
Lab File: BG060773.D

Acq: 4 Apr 2024 11:13

Tgt Ion: 65 Resp: 73

Ion	Ratio	Lower	Upper
65	100		
92	0.0	48.6	72.8#
138	0.0	72.2	108.4#

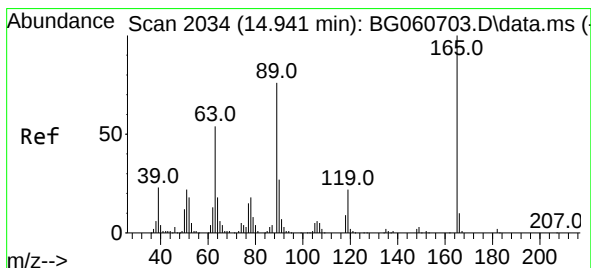
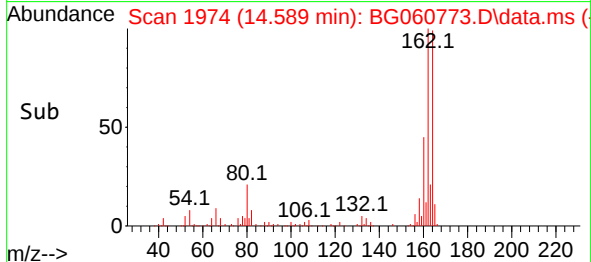
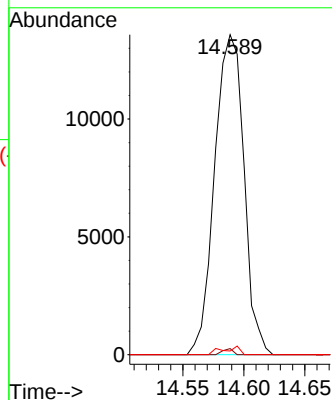
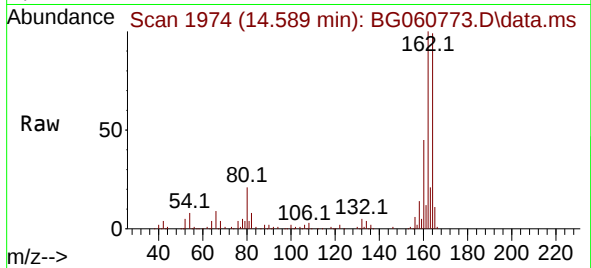




#51
2,6-Dinitrotoluene
Concen: 11.831 ng
RT: 14.589 min Scan# 1901
Delta R.T. 0.429 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

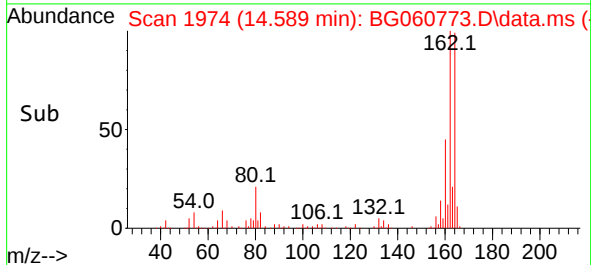
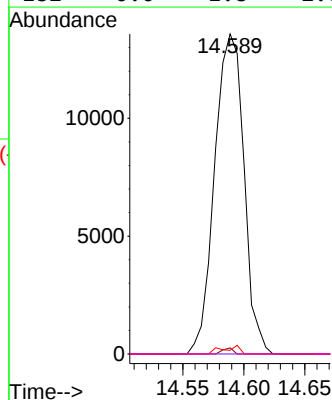
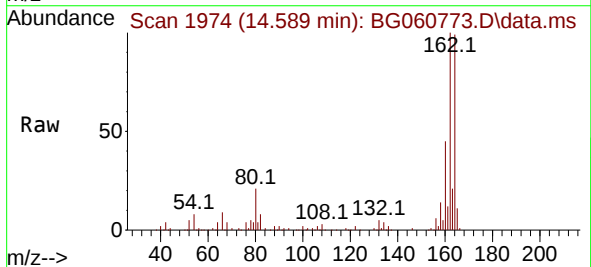
Instrument :
BNA_G
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PB159958BL

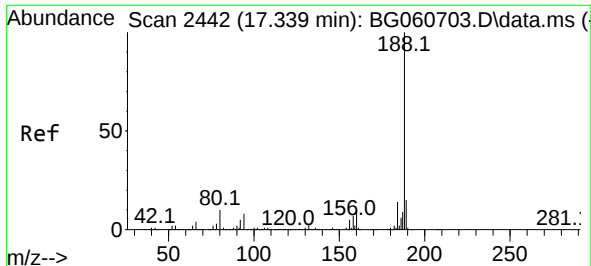
Tgt Ion:165 Resp: 22647
Ion Ratio Lower Upper
165 100
63 1.9 58.2 87.4#
89 1.1 46.1 69.1#



#57
2,4-Dinitrotoluene
Concen: 9.964 ng
RT: 14.589 min Scan# 1974
Delta R.T. -0.352 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:165 Resp: 22647
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.0#
89 1.1 61.0 91.6#
182 0.0 1.8 2.6#

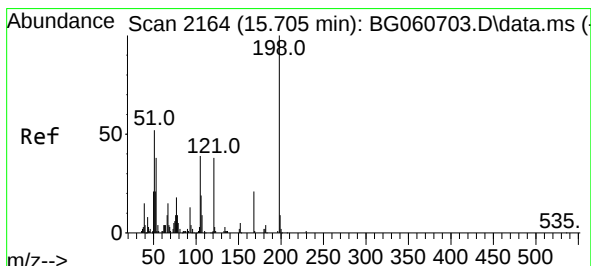
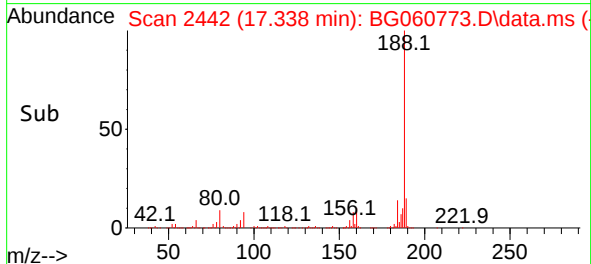
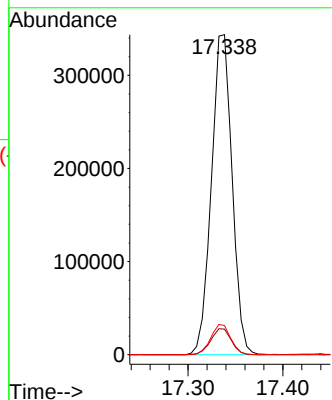
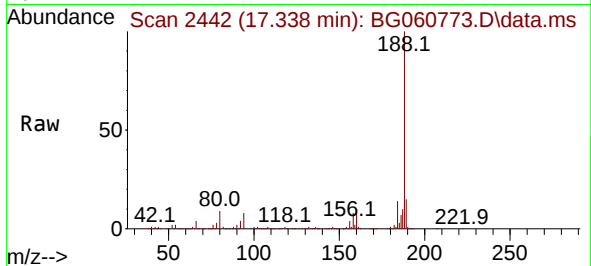




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.338 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

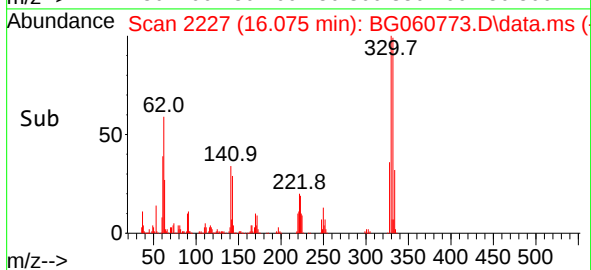
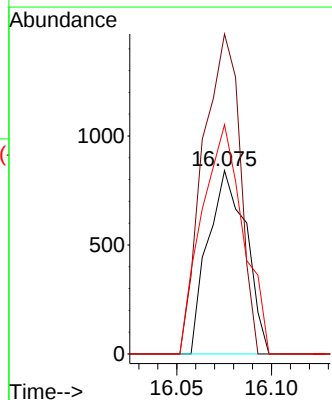
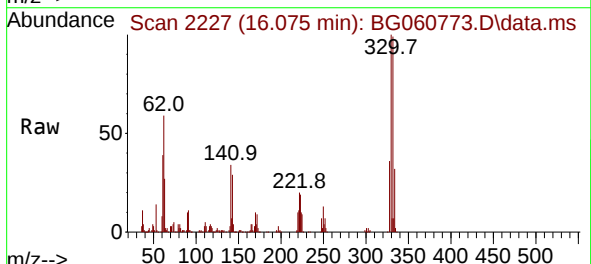
Instrument :
BNA_G
ClientSampleId :
PB159958BL

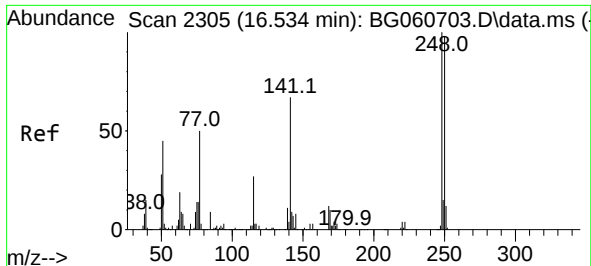
Tgt Ion:188 Resp: 522618
Ion Ratio Lower Upper
188 100
94 8.0 6.6 9.8
80 9.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.499 ng
RT: 16.075 min Scan# 2227
Delta R.T. 0.370 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:198 Resp: 1176
Ion Ratio Lower Upper
198 100
51 174.6 36.7 76.7#
105 125.1 19.1 59.1#

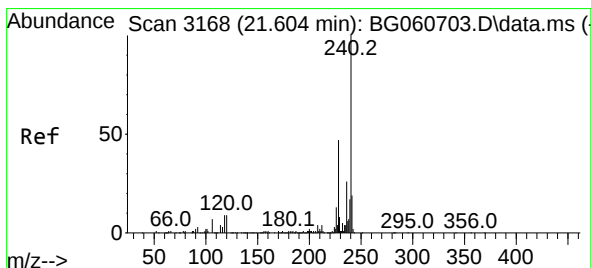
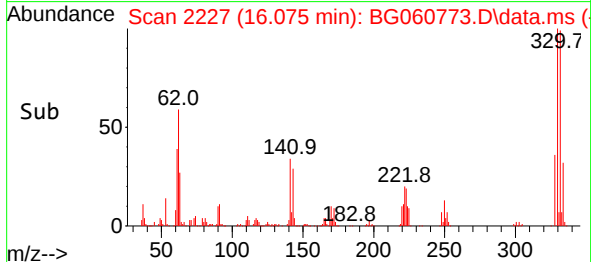
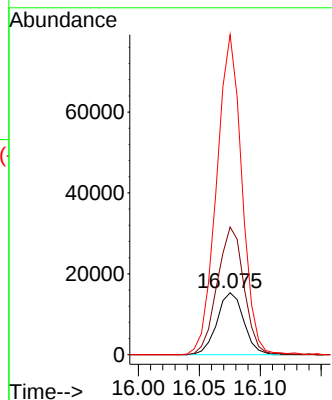
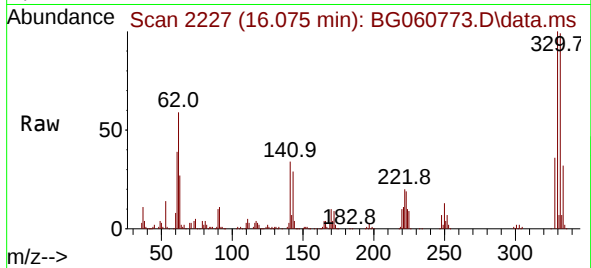




#67
4-Bromophenyl-phenylether
Concen: 4.388 ng
RT: 16.075 min Scan# 21
Delta R.T. -0.459 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

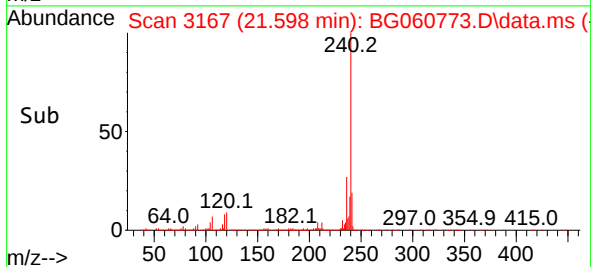
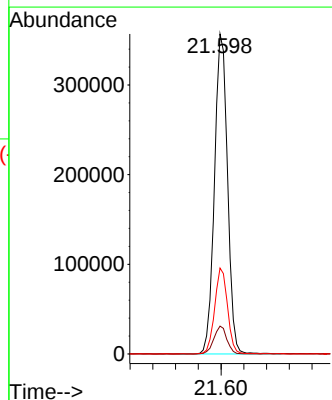
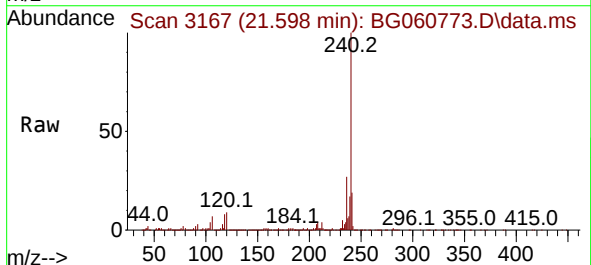
Instrument :
BNA_G
ClientSampleId :
PB159958BL

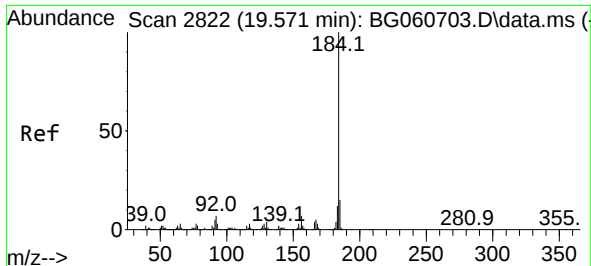
Tgt Ion:248 Resp: 23273
Ion Ratio Lower Upper
248 100
250 206.0 78.3 117.5#
141 516.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:240 Resp: 566802
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.9 20.7 31.1

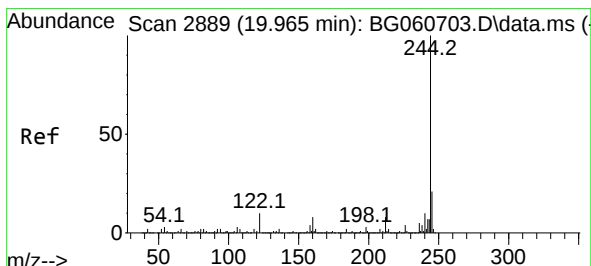
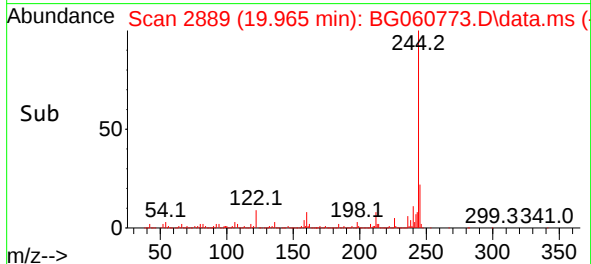
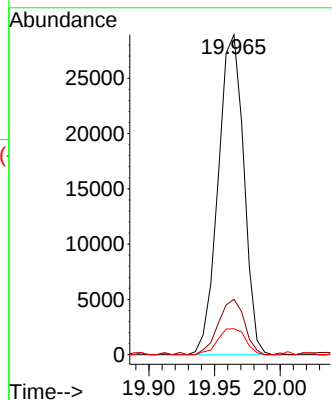
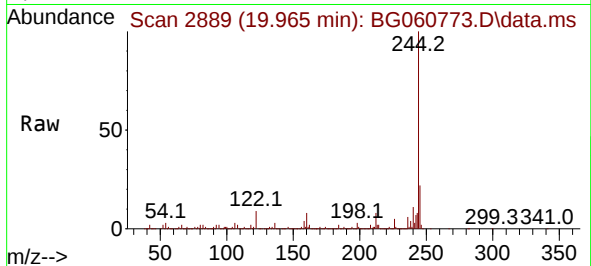




#77
Benzidine
Concen: 2.630 ng
RT: 19.965 min Scan# 2889
Delta R.T. 0.393 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

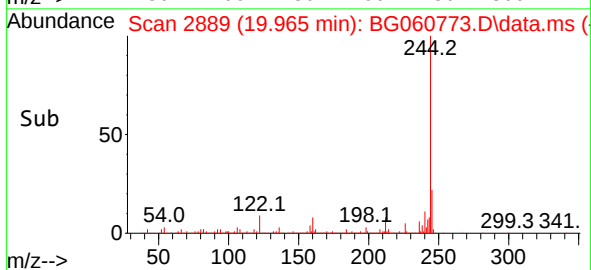
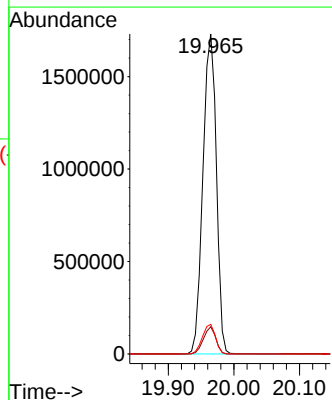
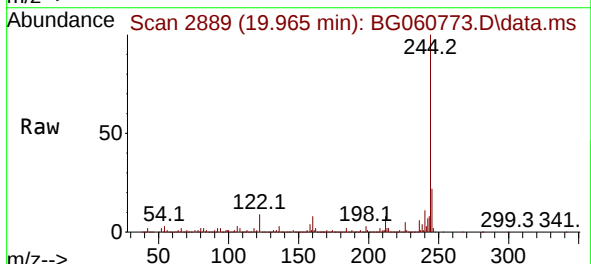
Instrument :
BNA_G
ClientSampleId :
PB159958BL

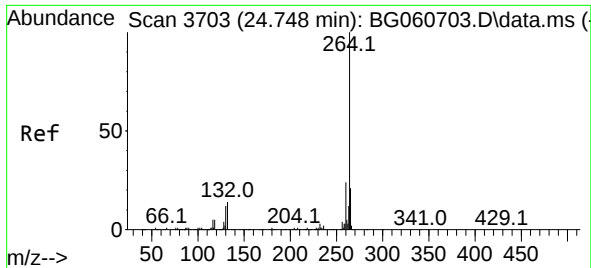
Tgt Ion:184 Resp: 39246
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 8.1 9.5 14.3#



#79
Terphenyl-d14
Concen: 76.693 ng
RT: 19.965 min Scan# 2889
Delta R.T. -0.000 min
Lab File: BG060773.D
Acq: 4 Apr 2024 11:13

Tgt Ion:244 Resp: 2468712
Ion Ratio Lower Upper
244 100
212 8.5 6.2 9.2
122 9.2 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.747 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG060773.D
 Acq: 4 Apr 2024 11:13

Instrument :
 BNA_G
 ClientSampleId :
 PB159958BL

Tgt Ion:264 Resp: 635782

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.8	16.9	25.3

