

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060711.D
 Acq On : 1 Apr 2024 11:49
 Operator : MA/JU
 Sample : PB159835BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159835BL

Quant Time: Apr 01 12:29:34 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)

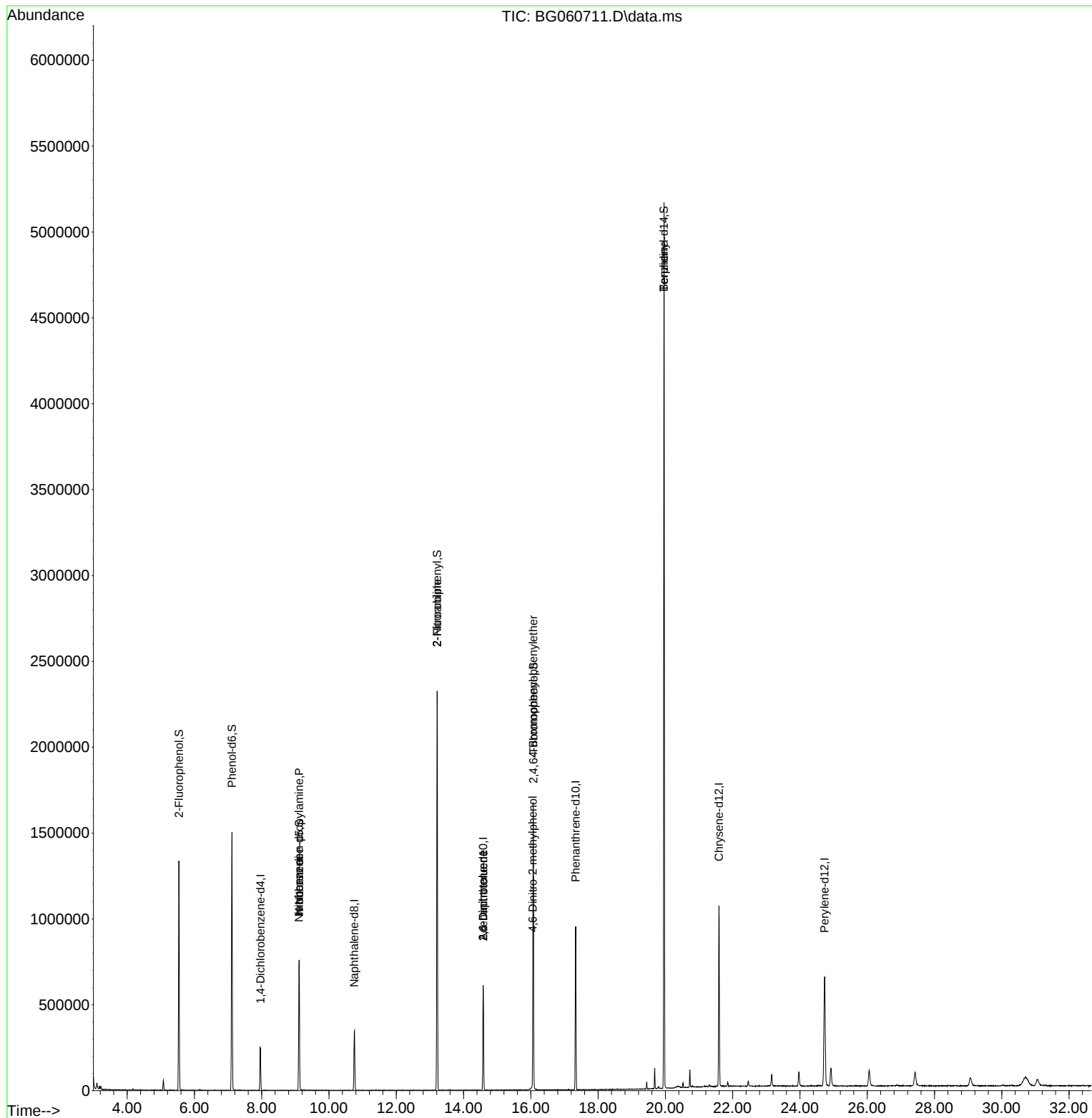
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	67287	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	287100	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	214523	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	586052	20.000	ng	0.00
76) Chrysene-d12	21.593	240	591378	20.000	ng	-0.01
86) Perylene-d12	24.730	264	671415	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	531279	131.534	ng	0.00
7) Phenol-d6	7.115	99	758950	126.585	ng	0.00
23) Nitrobenzene-d5	9.113	82	401600	79.819	ng	0.00
42) 2,4,6-Tribromophenol	16.076	330	300937	123.579	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	1192697	81.597	ng	0.00
79) Terphenyl-d14	19.959	244	2618947	77.979	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.113	70	52372	11.454	ng	# 74
24) Nitrobenzene	9.107	77	1553	3.034	ng	# 44
48) 2-Nitroaniline	13.214	65	2233	3.422	ng	# 1
51) 2,6-Dinitrotoluene	14.583	165	27423	11.869	ng	# 19
57) 2,4-Dinitrotoluene	14.583	165	27423	9.994	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.058	198	1831	7.680	ng	# 80
67) 4-Bromophenyl-phenylether	16.070	248	21495	3.614	ng	# 1
77) Benzidine	19.959	184	43788	2.812	ng	# 93

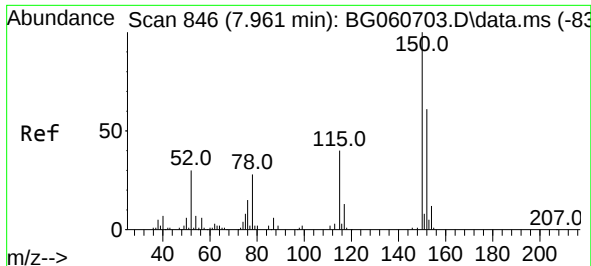
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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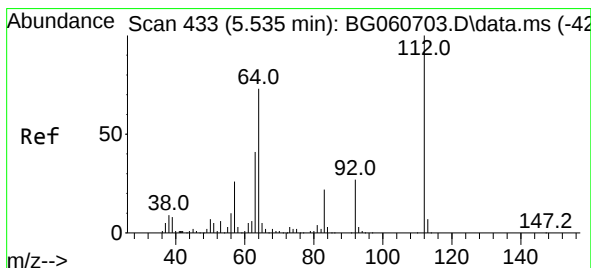
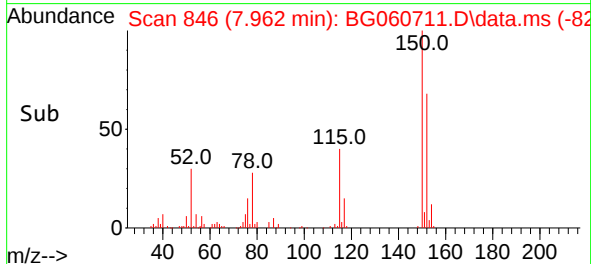
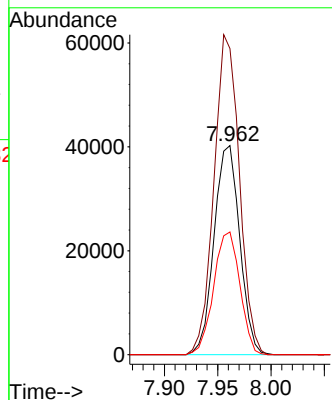
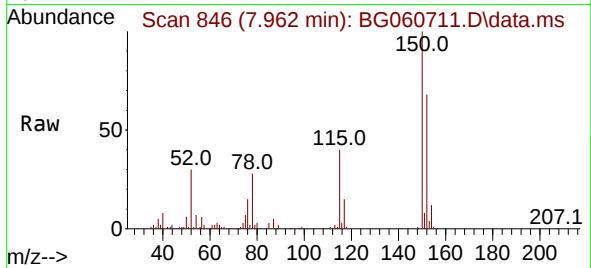




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.962 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

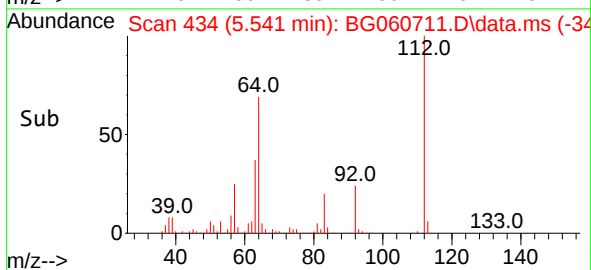
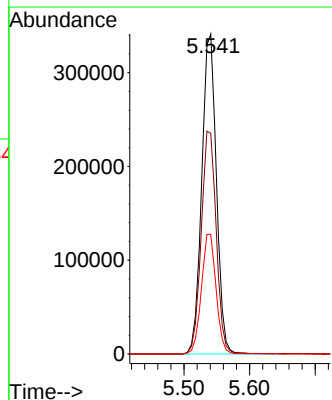
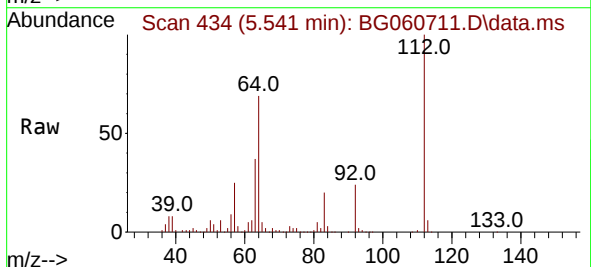
Instrument :
BNA_G
ClientSampleId :
PB159835BL

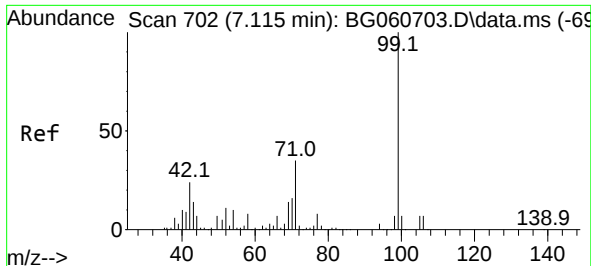
Tgt Ion:152 Resp: 67287
Ion Ratio Lower Upper
152 100
150 146.3 130.2 195.4
115 58.6 51.6 77.4



#5
2-Fluorophenol
Concen: 131.534 ng
RT: 5.541 min Scan# 434
Delta R.T. 0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion:112 Resp: 531279
Ion Ratio Lower Upper
112 100
64 68.9 58.4 87.6
63 37.4 32.7 49.1

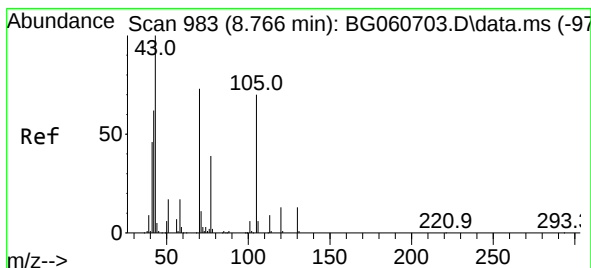
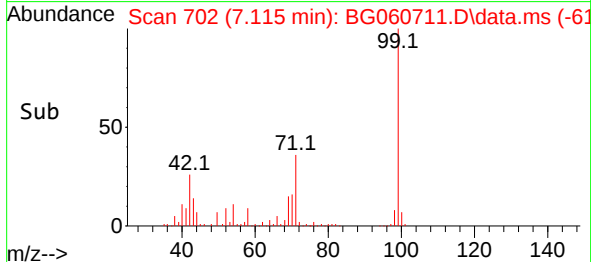
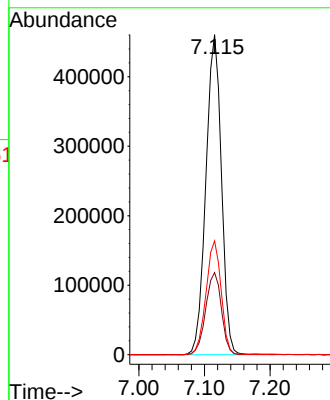
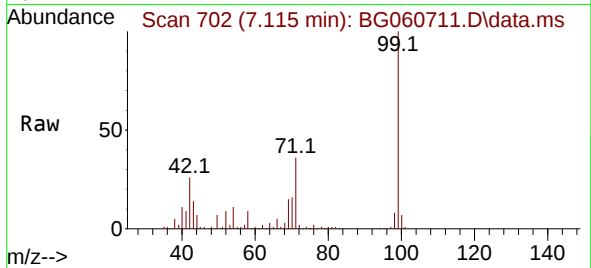




#7
Phenol-d6
Concen: 126.585 ng
RT: 7.115 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

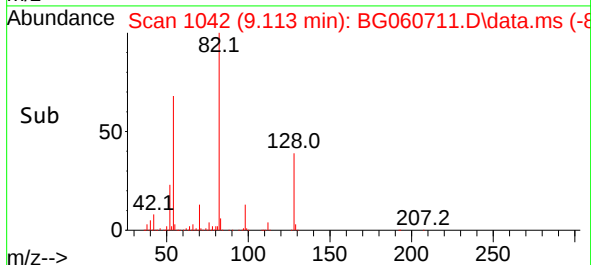
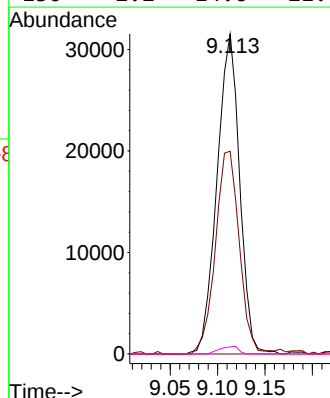
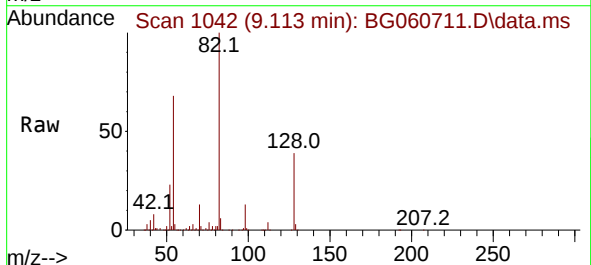
Instrument :
BNA_G
ClientSampleId :
PB159835BL

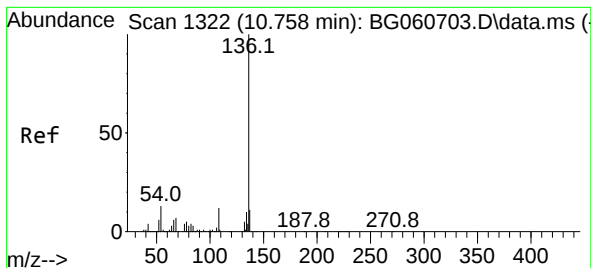
Tgt Ion: 99 Resp: 758950
Ion Ratio Lower Upper
99 100
42 25.7 19.4 29.2
71 35.6 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.454 ng
RT: 9.113 min Scan# 1042
Delta R.T. 0.347 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion: 70 Resp: 52372
Ion Ratio Lower Upper
70 100
42 63.3 68.4 102.6#
101 0.0 6.1 9.1#
130 2.2 14.6 21.8#

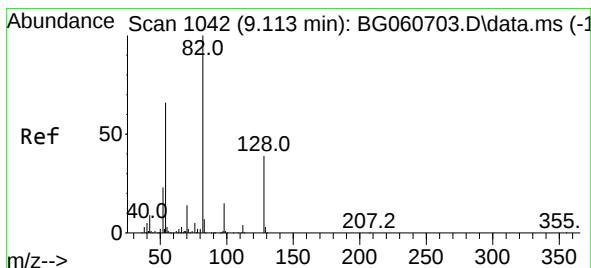
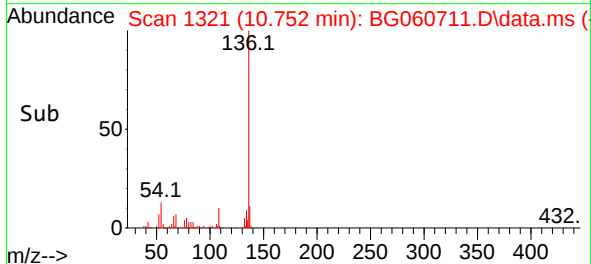
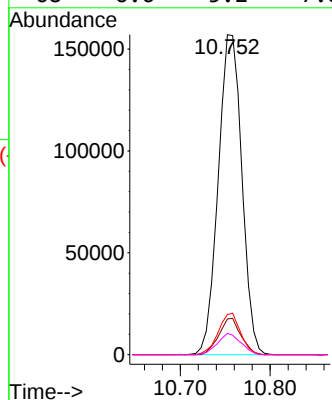
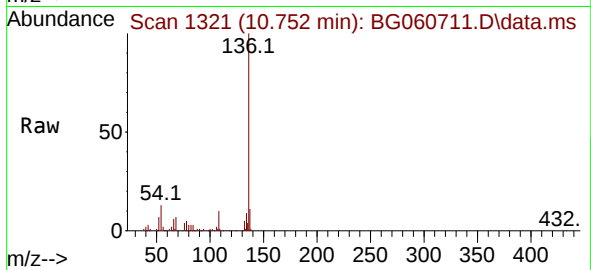




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

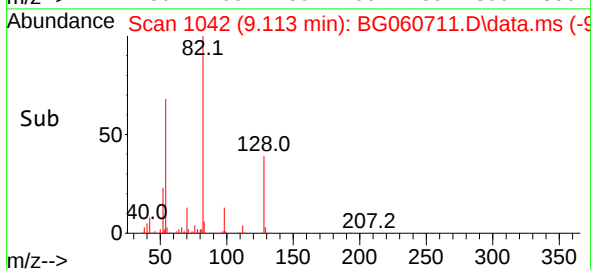
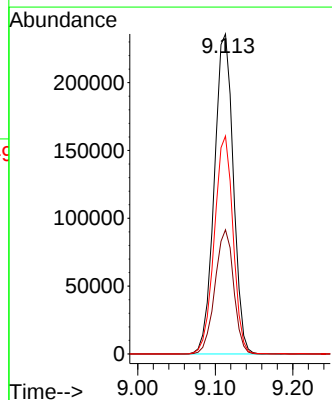
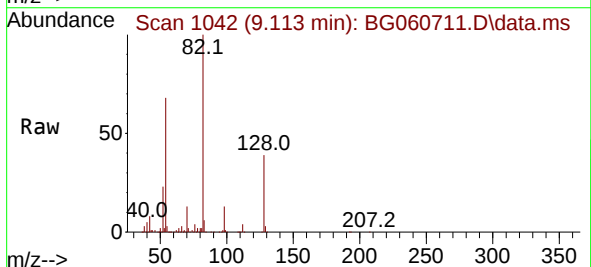
Instrument :
BNA_G
ClientSampleId :
PB159835BL

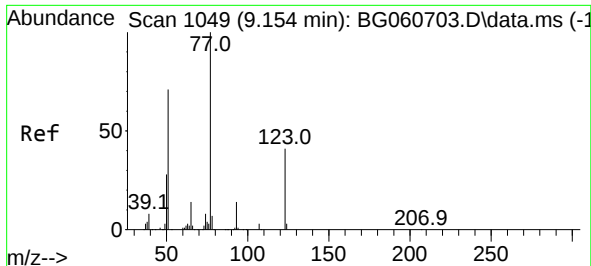
Tgt Ion:136 Resp: 287100
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 12.6 10.2 15.2
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.819 ng
RT: 9.113 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion: 82 Resp: 401600
Ion Ratio Lower Upper
82 100
128 38.8 31.2 46.8
54 68.1 53.2 79.8

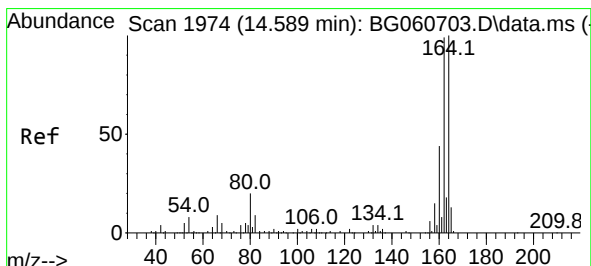
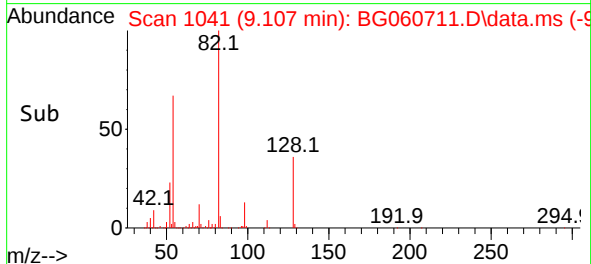
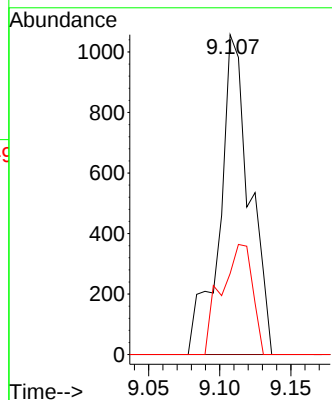
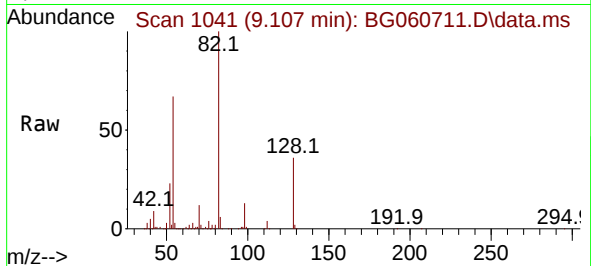




#24
Nitrobenzene
Concen: 3.034 ng
RT: 9.107 min Scan# 1041
Delta R.T. -0.047 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

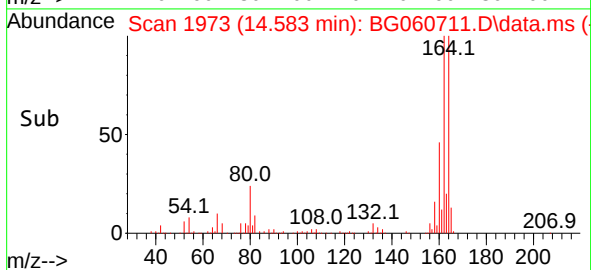
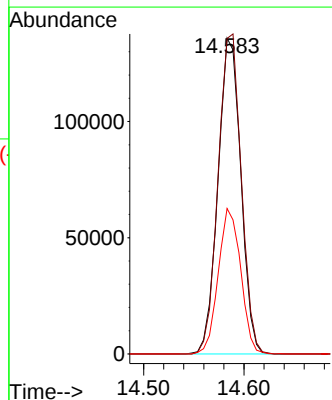
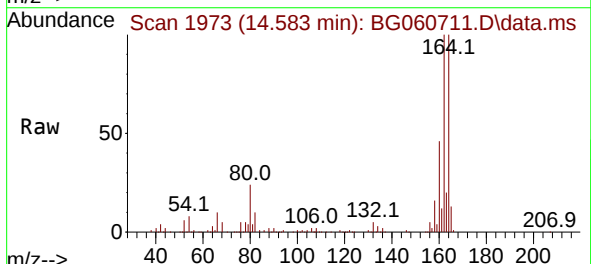
Instrument :
BNA_G
ClientSampleId :
PB159835BL

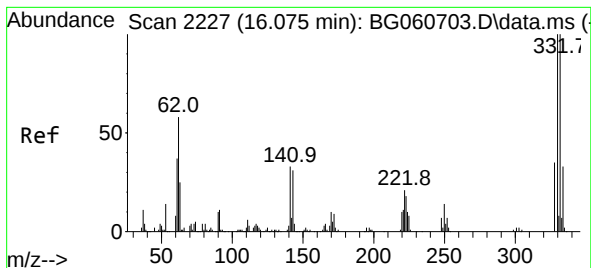
Tgt Ion: 77 Resp: 1553
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 25.4 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

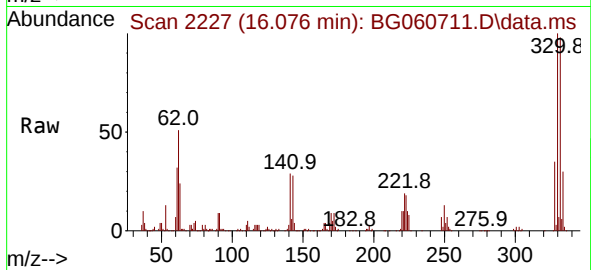
Tgt Ion: 164 Resp: 214523
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 46.1 35.4 53.0



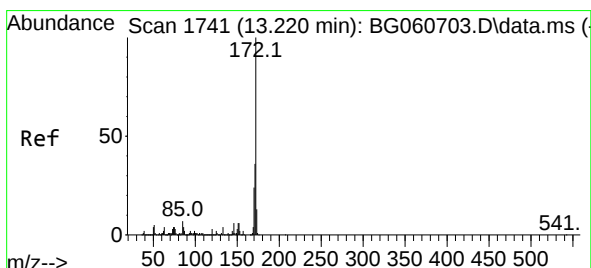
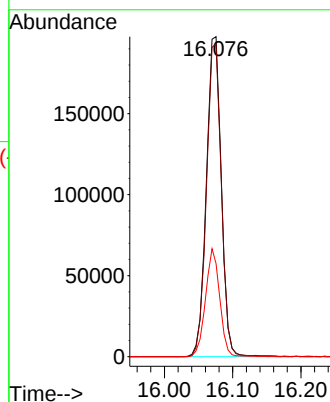
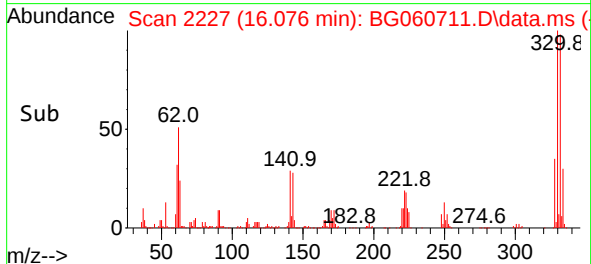


#42
2,4,6-Tribromophenol
Concen: 123.579 ng
RT: 16.076 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

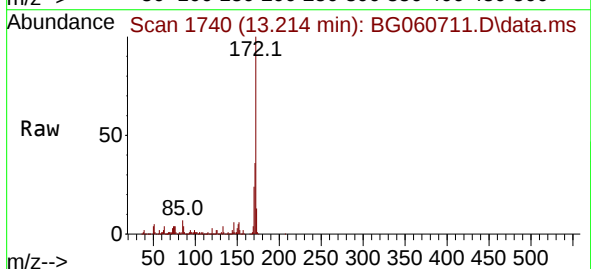
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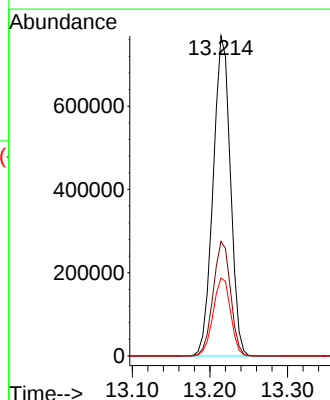
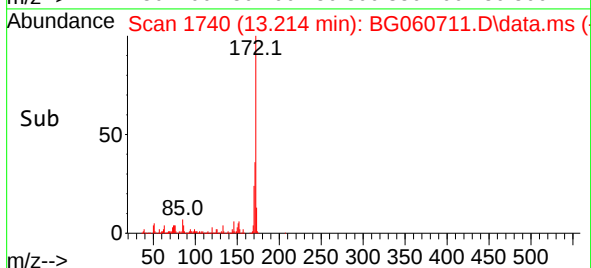
Tgt Ion:330 Resp: 300937
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 32.2 27.0 40.6

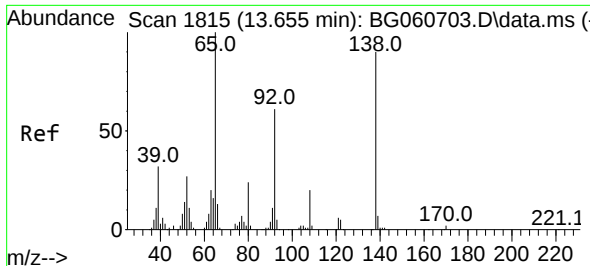


#45
2-Fluorobiphenyl
Concen: 81.597 ng
RT: 13.214 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49



Tgt Ion:172 Resp: 1192697
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.3 19.4 29.0

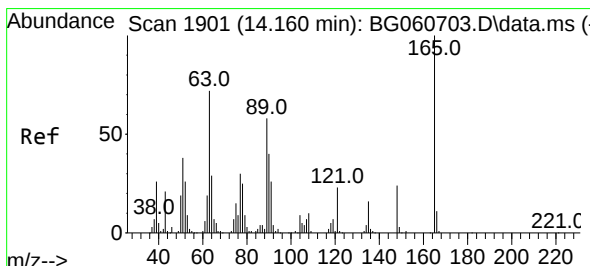
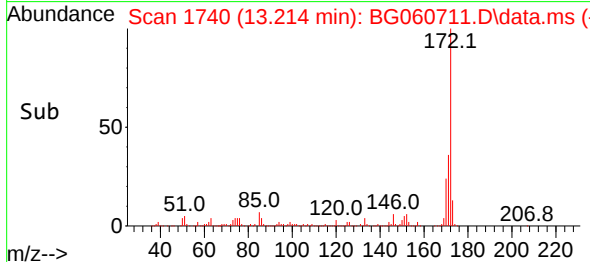
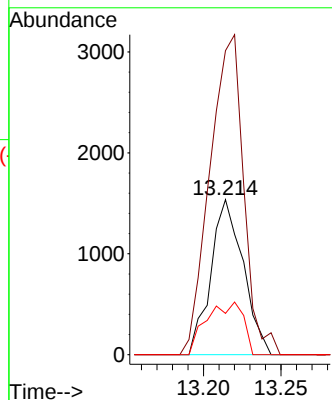
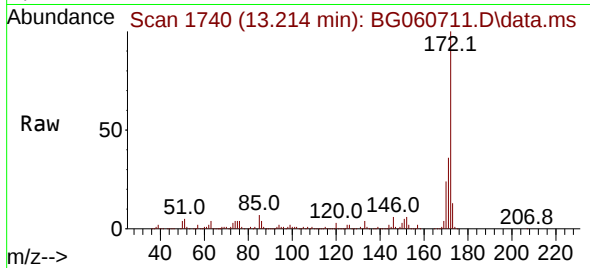




#48
2-Nitroaniline
Concen: 3.422 ng
RT: 13.214 min Scan# 1
Delta R.T. -0.441 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

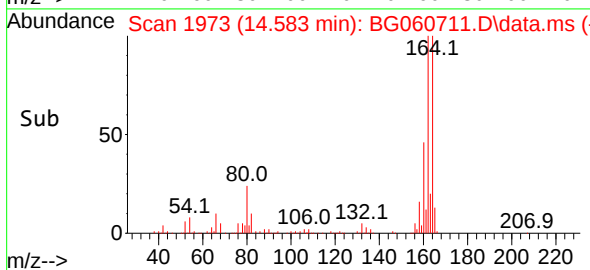
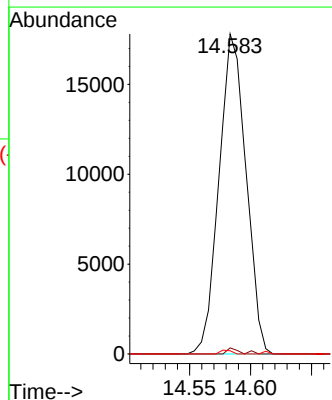
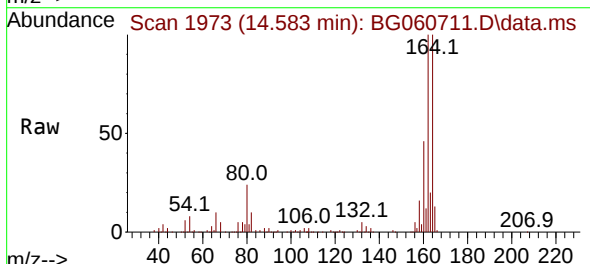
Instrument :
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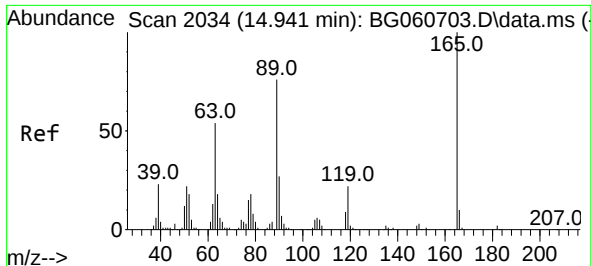
Tgt Ion: 65 Resp: 2233
Ion Ratio Lower Upper
65 100
92 196.0 48.6 72.8#
138 26.6 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.869 ng
RT: 14.583 min Scan# 1973
Delta R.T. 0.423 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion:165 Resp: 27423
Ion Ratio Lower Upper
165 100
63 1.9 58.2 87.4#
89 1.0 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 9.994 ng

RT: 14.583 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG060711.D

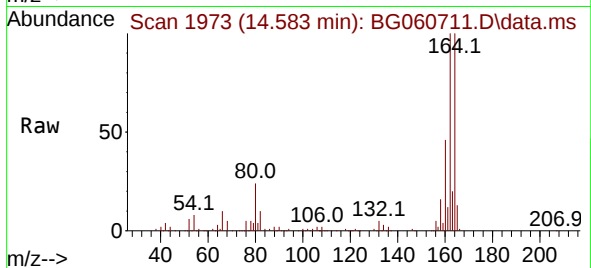
Acq: 1 Apr 2024 11:49

Instrument :

BNA_G

ClientSampleId :

PB159835BL



Tgt Ion:165 Resp: 27423

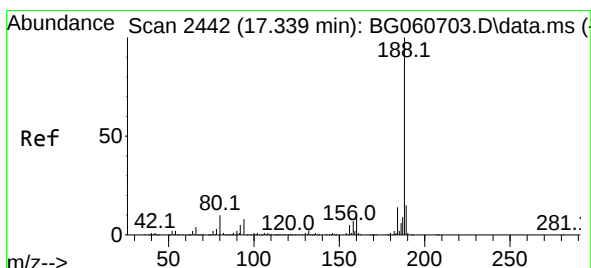
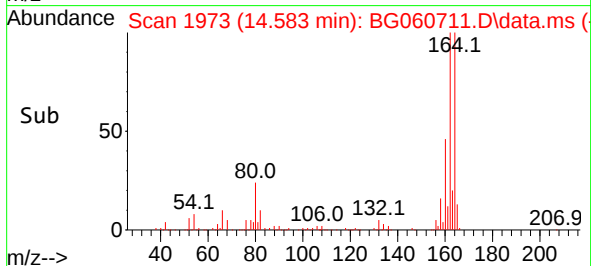
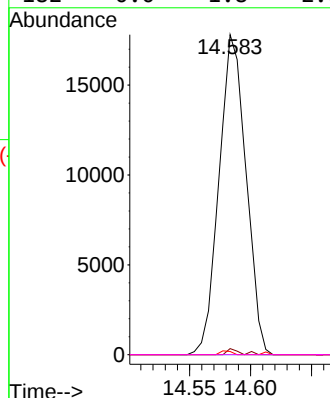
Ion Ratio Lower Upper

165 100

63 1.9 43.4 65.0#

89 1.0 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BG060711.D

Acq: 1 Apr 2024 11:49

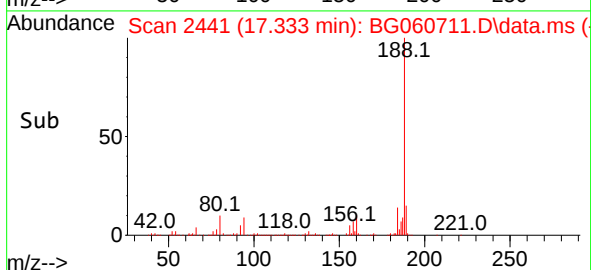
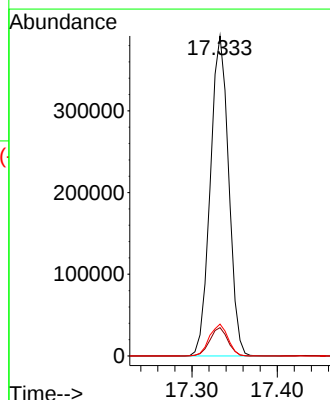
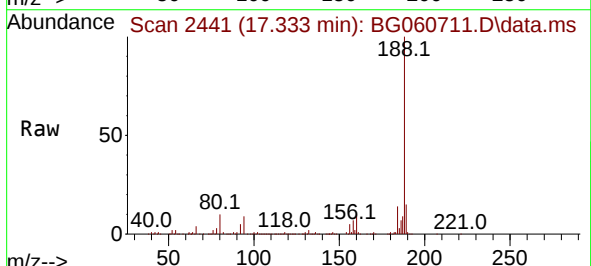
Tgt Ion:188 Resp: 586052

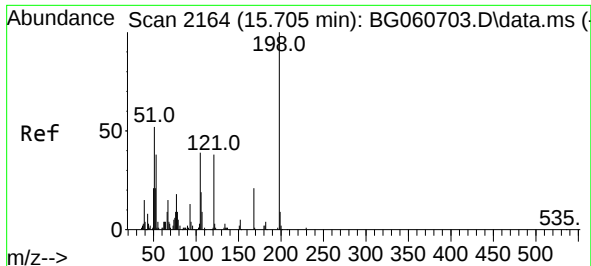
Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 10.0 7.6 11.4

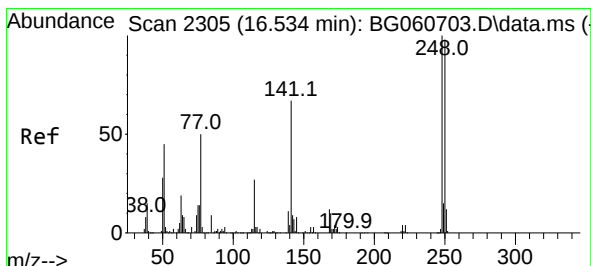
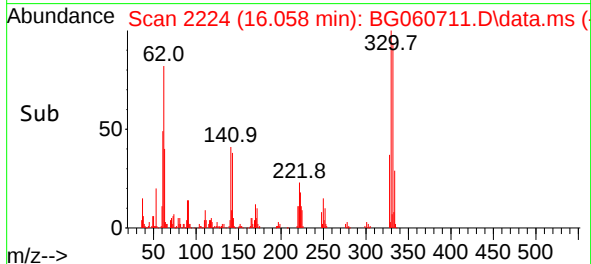
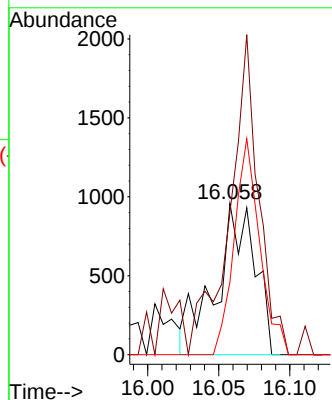
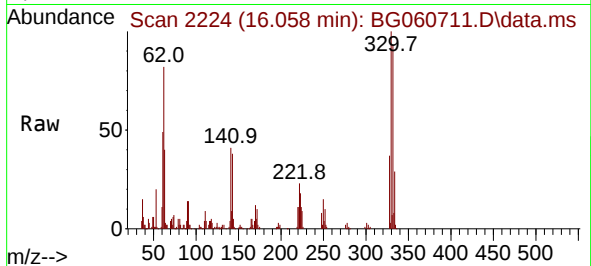




#65
4,6-Dinitro-2-methylphenol
Concen: 7.680 ng
RT: 16.058 min Scan# 2164
Delta R.T. 0.353 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

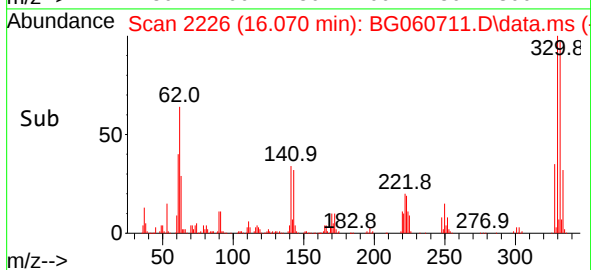
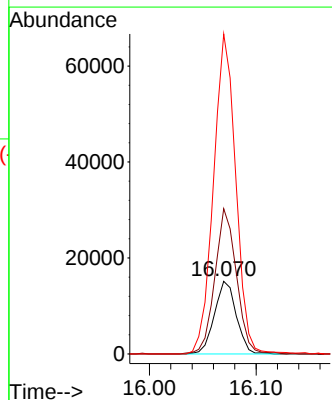
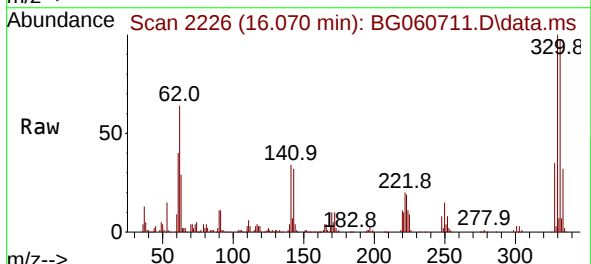
Instrument :
BNA_G
ClientSampleId :
PB159835BL

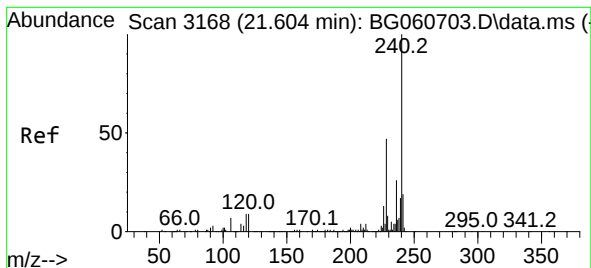
Tgt Ion	198	51	105
Resp:	1831		
Ratio	100	44.8	22.9
Lower		36.7	19.1
Upper		76.7	59.1



#67
4-Bromophenyl-phenylether
Concen: 3.614 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.464 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion	248	250	141
Resp:	21495		
Ratio	100	200.0	440.4
Lower		78.3	53.7
Upper		117.5#	80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.593 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG060711.D

Acq: 1 Apr 2024 11:49

Instrument :

BNA_G

ClientSampleId :

PB159835BL

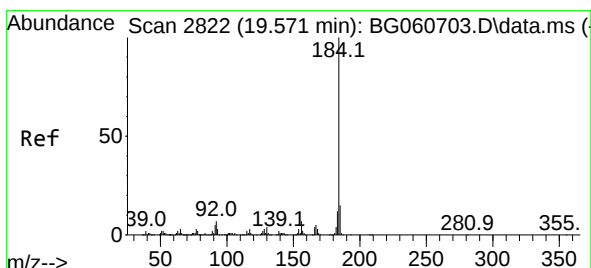
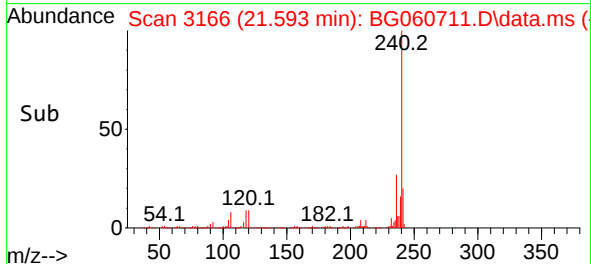
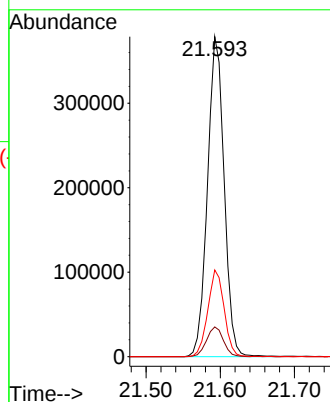
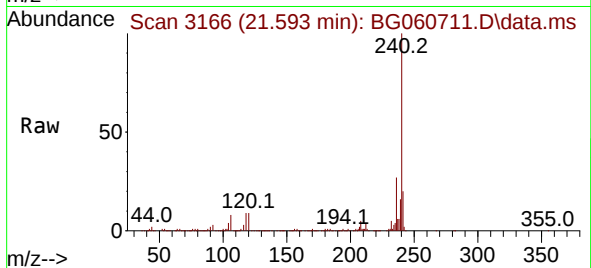
Tgt Ion:240 Resp: 591378

Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

236 27.1 20.7 31.1



#77

Benzidine

Concen: 2.812 ng

RT: 19.959 min Scan# 2888

Delta R.T. 0.388 min

Lab File: BG060711.D

Acq: 1 Apr 2024 11:49

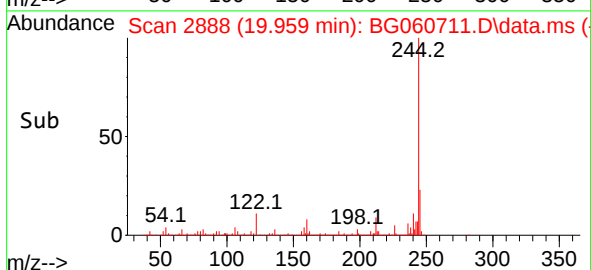
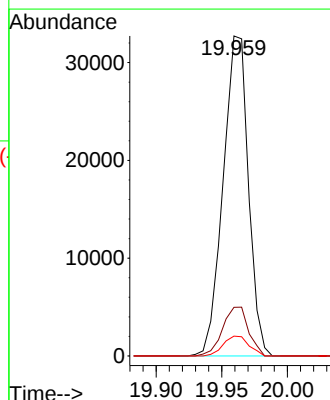
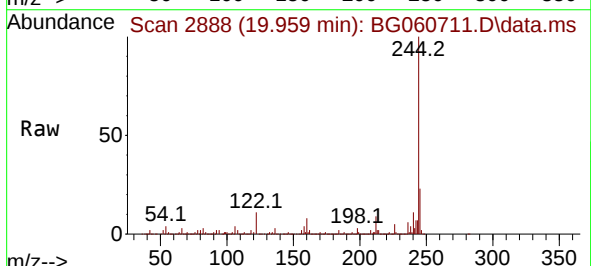
Tgt Ion:184 Resp: 43788

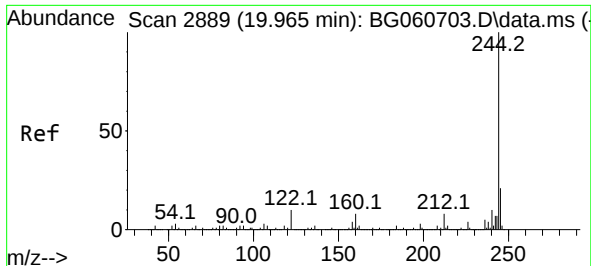
Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 6.2 9.5 14.3#





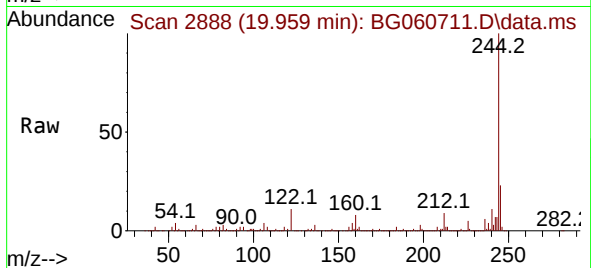
#79
Terphenyl-d14
Concen: 77.979 ng
RT: 19.959 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Instrument :

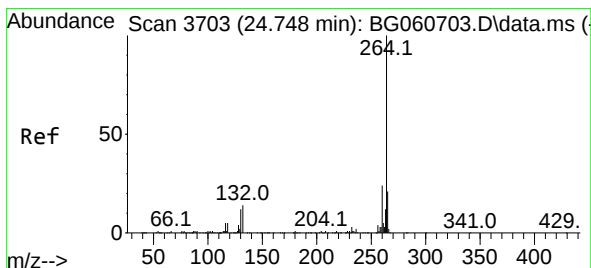
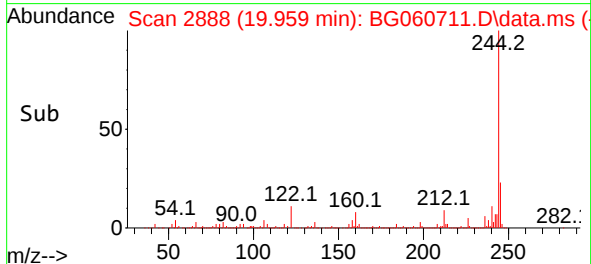
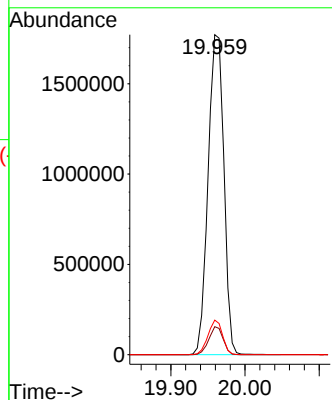
BNA_G

ClientSampleId :

PB159835BL



Tgt Ion:244 Resp: 2618947
Ion Ratio Lower Upper
244 100
212 8.8 6.2 9.2
122 10.8 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3700
Delta R.T. -0.018 min
Lab File: BG060711.D
Acq: 1 Apr 2024 11:49

Tgt Ion:264 Resp: 671415
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 20.6 16.9 25.3

