

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060783.D
 Acq On : 4 Apr 2024 18:15
 Operator : MA/JU
 Sample : P1957-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-DRUMS-040224

Quant Time: Apr 04 19:11:48 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)

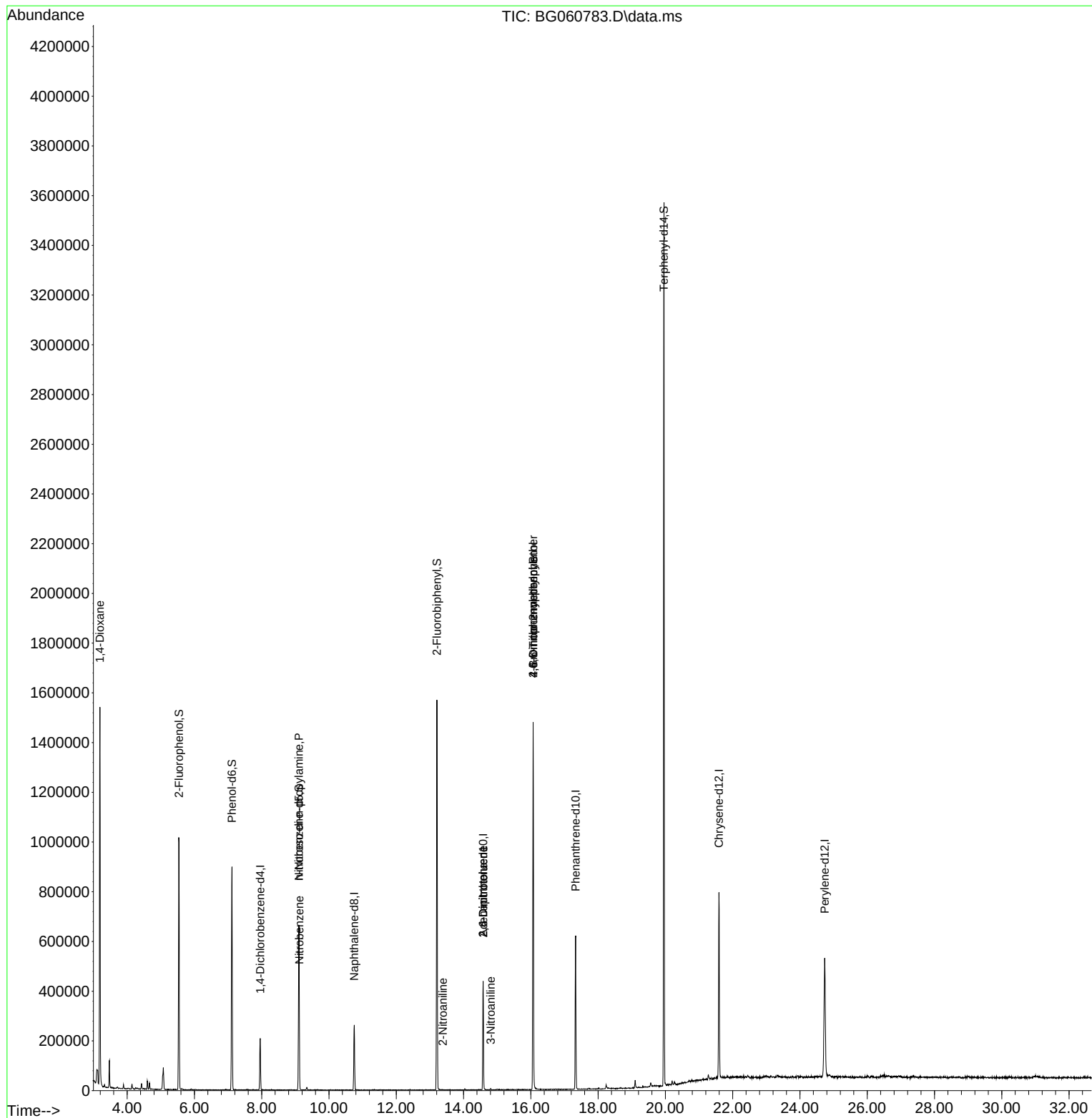
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	55280	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	205806	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	156224	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	399000	20.000	ng	0.00
76) Chrysene-d12	21.593	240	434058	20.000	ng	-0.01
86) Perylene-d12	24.736	264	518686	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	389021	117.233	ng	0.00
7) Phenol-d6	7.116	99	450399	91.439	ng	0.00
23) Nitrobenzene-d5	9.107	82	348019	96.491	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	287823	162.301	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	817291	76.780	ng	-0.01
79) Terphenyl-d14	19.959	244	1802074	73.104	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.191	88	10099	7.423	ng	# 1
19) n-Nitroso-di-n-propyla...	9.107	70	47489	12.642	ng	# 74
24) Nitrobenzene	9.119	77	1039	3.017	ng	# 42
48) 2-Nitroaniline	13.385	65	55	2.812	ng	# 11
51) 2,6-Dinitrotoluene	14.583	165	19647	11.734	ng	# 18
53) 3-Nitroaniline	14.812	138	488	3.040	ng	# 1
57) 2,4-Dinitrotoluene	14.583	165	19647	9.886	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.070	198	770	7.433	ng	# 1
67) 4-Bromophenyl-phenylether	16.070	248	18934	4.676	ng	# 1

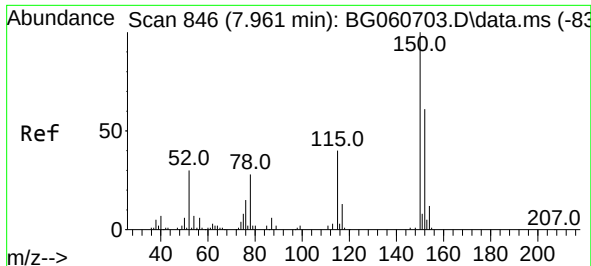
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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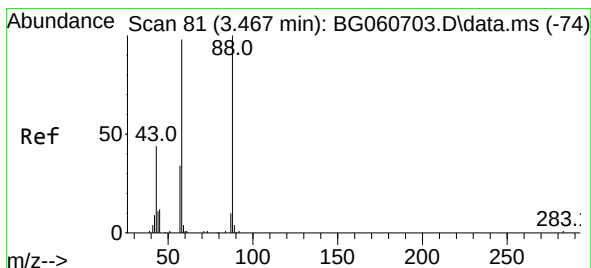
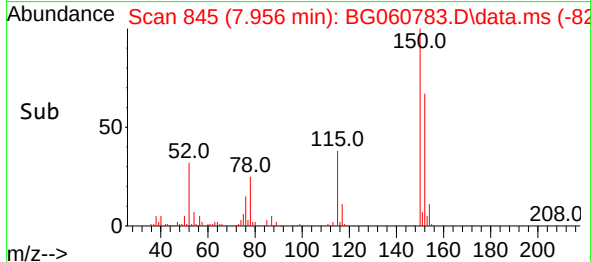
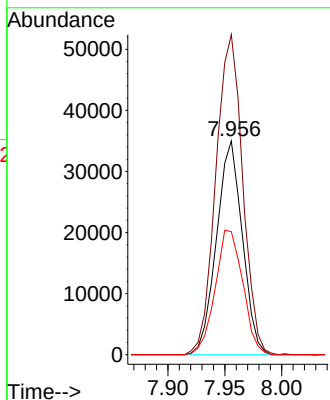
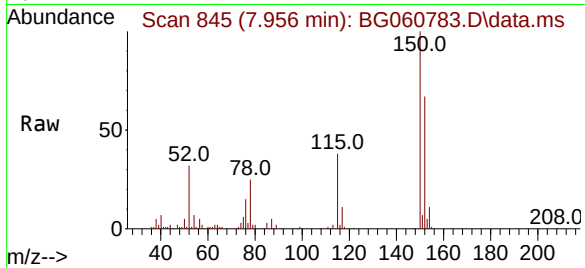




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.956 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BG060783.D
 Acq: 4 Apr 2024 18:15

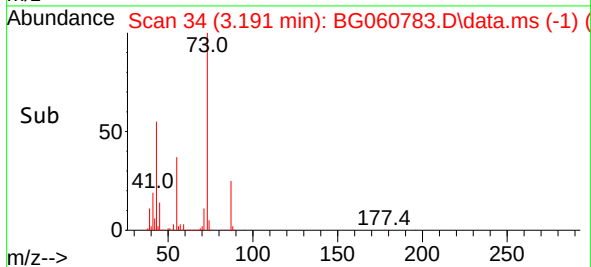
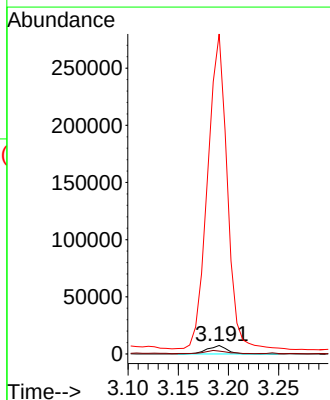
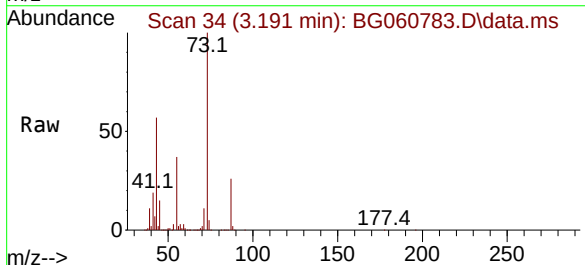
Instrument :
 BNA_G
 ClientSampleId :
 NM-DRUMS-040224

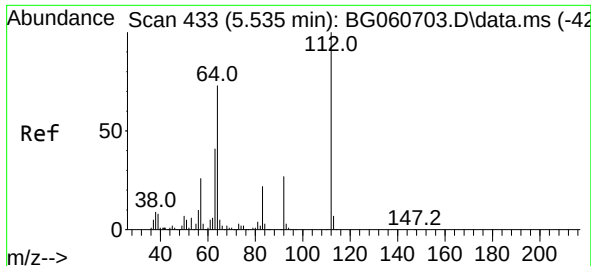
Tgt Ion:152 Resp: 55280
 Ion Ratio Lower Upper
 152 100
 150 149.7 130.2 195.4
 115 57.6 51.6 77.4



#2
 1,4-Dioxane
 Concen: 7.423 ng
 RT: 3.191 min Scan# 34
 Delta R.T. -0.276 min
 Lab File: BG060783.D
 Acq: 4 Apr 2024 18:15

Tgt Ion: 88 Resp: 10099
 Ion Ratio Lower Upper
 88 100
 58 37.9 80.9 121.3#
 43 3754.6 35.4 53.0#

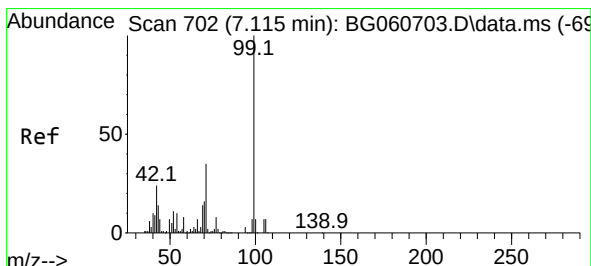
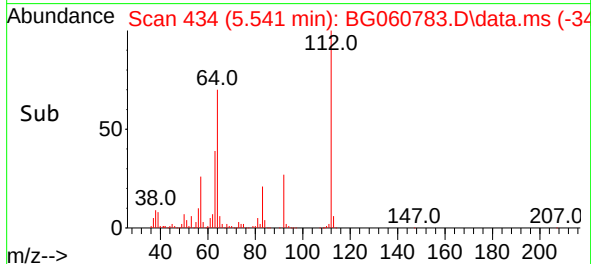
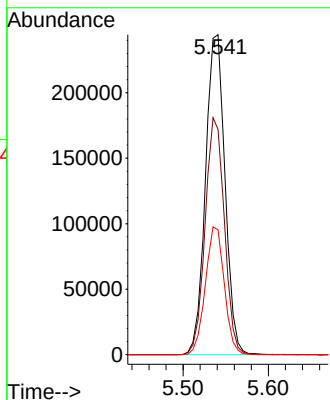
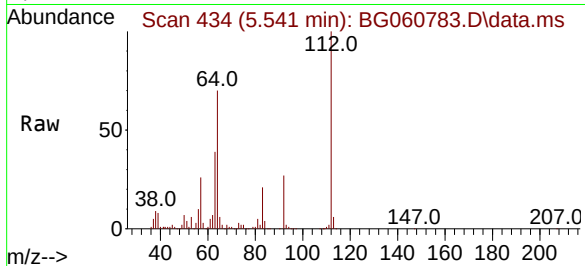




#5
2-Fluorophenol
Concen: 117.233 ng
RT: 5.541 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

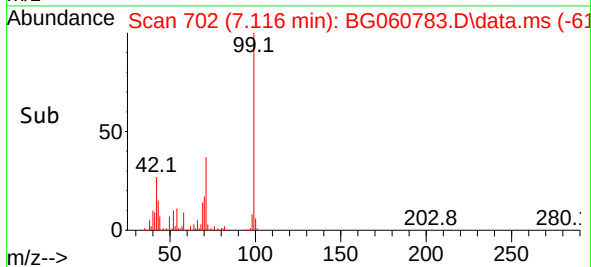
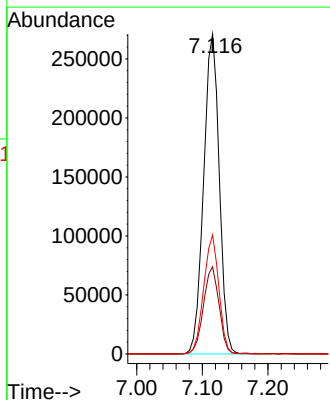
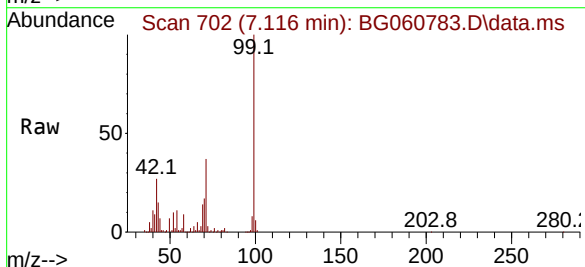
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

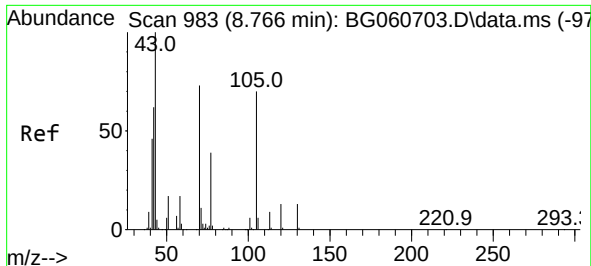
Tgt Ion:112 Resp: 389021
Ion Ratio Lower Upper
112 100
64 70.4 58.4 87.6
63 39.0 32.7 49.1



#7
Phenol-d6
Concen: 91.439 ng
RT: 7.116 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion: 99 Resp: 450399
Ion Ratio Lower Upper
99 100
42 27.3 19.4 29.2
71 37.2 28.2 42.2

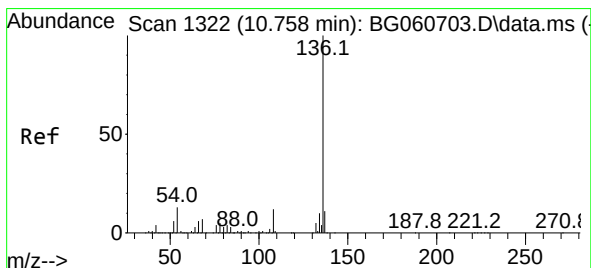
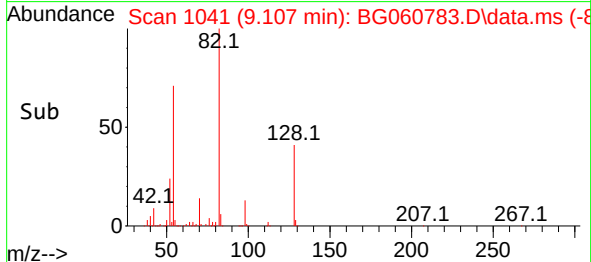
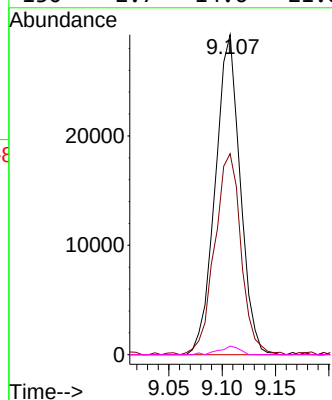
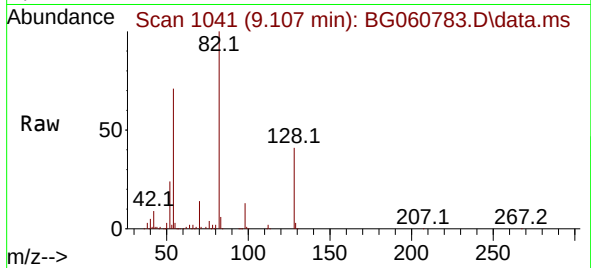




#19
n-Nitroso-di-n-propylamine
Concen: 12.642 ng
RT: 9.107 min Scan# 1041
Delta R.T. 0.341 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

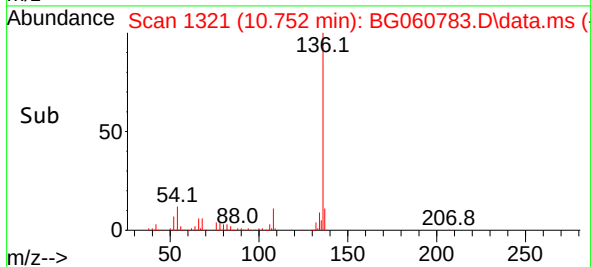
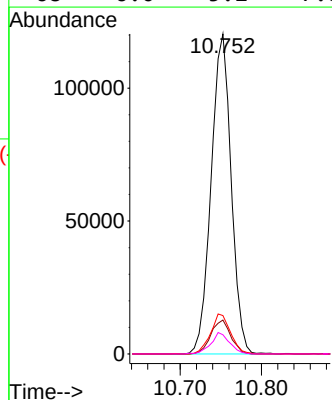
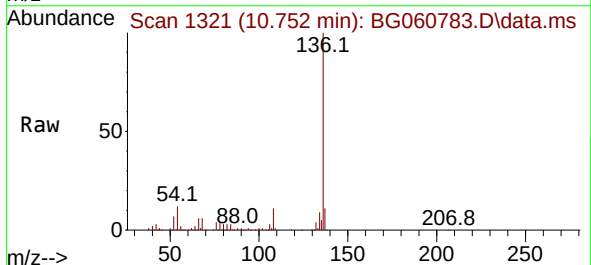
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

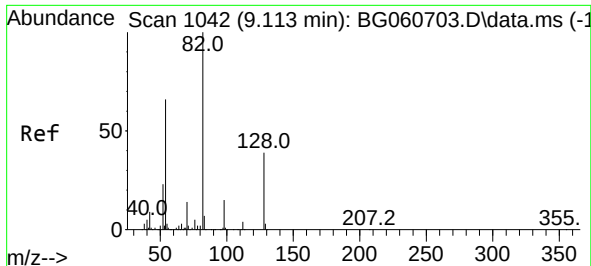
Tgt Ion: 70 Resp: 47489
Ion Ratio Lower Upper
70 100
42 62.8 68.4 102.6#
101 0.0 6.1 9.1#
130 2.7 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion: 136 Resp: 205806
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 12.0 10.2 15.2
68 6.0 5.2 7.8

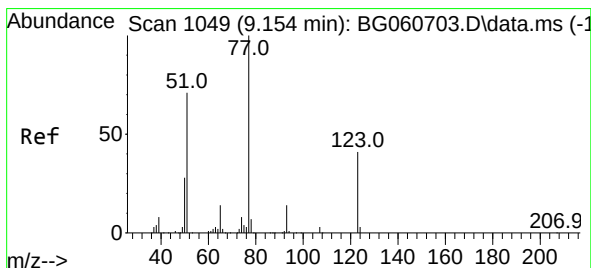
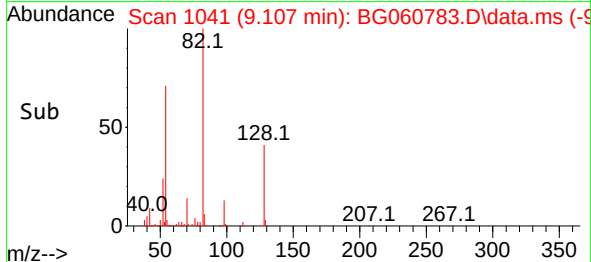
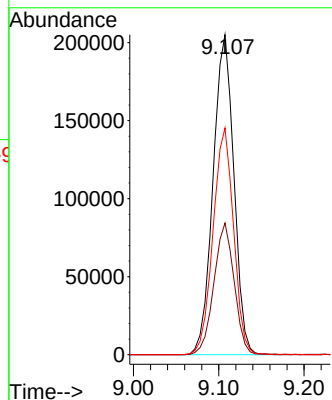
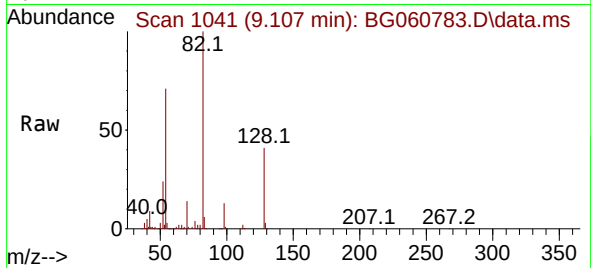




#23
Nitrobenzene-d5
Concen: 96.491 ng
RT: 9.107 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

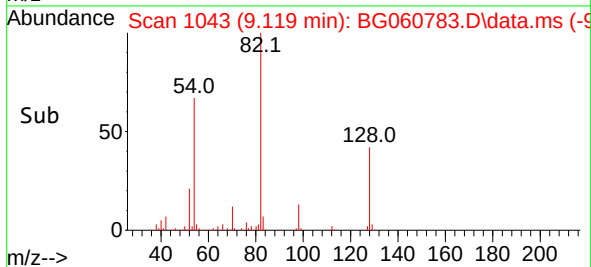
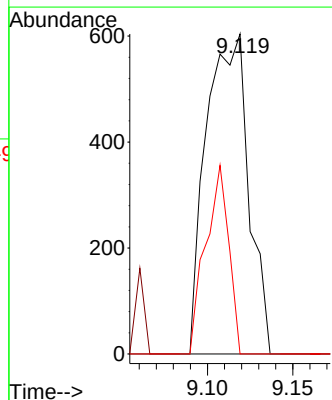
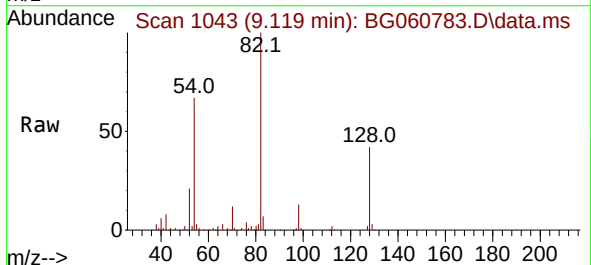
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

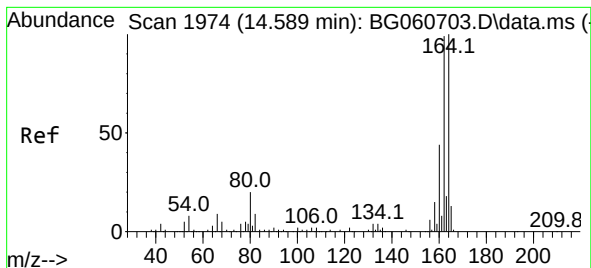
Tgt Ion: 82 Resp: 348019
Ion Ratio Lower Upper
82 100
128 41.2 31.2 46.8
54 70.8 53.2 79.8



#24
Nitrobenzene
Concen: 3.017 ng
RT: 9.119 min Scan# 1043
Delta R.T. -0.035 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion: 77 Resp: 1039
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 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: BG060783.D

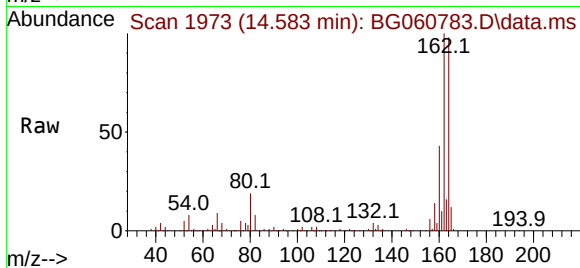
Acq: 4 Apr 2024 18:15

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224



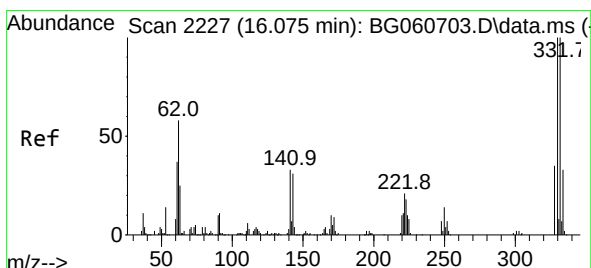
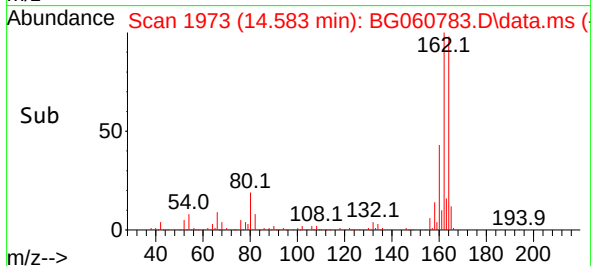
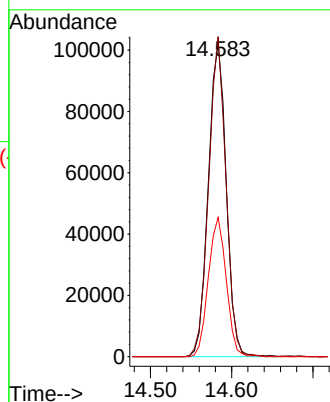
Tgt Ion:164 Resp: 156224

Ion	Ratio	Lower	Upper
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164	100		
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162	102.2	79.5	119.3
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160	44.4	35.4	53.0
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#42

2,4,6-Tribromophenol

Concen: 162.301 ng

RT: 16.070 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BG060783.D

Acq: 4 Apr 2024 18:15

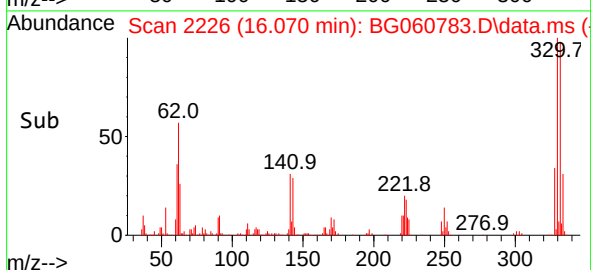
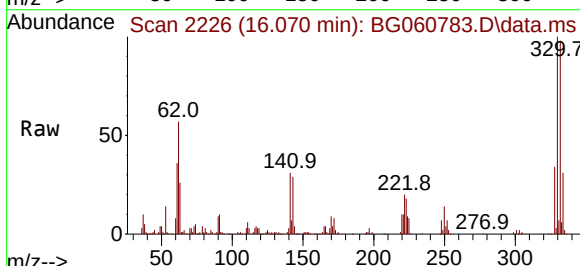
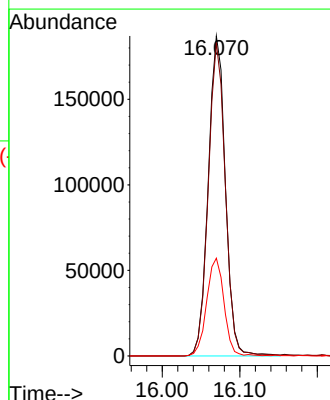
Tgt Ion:330 Resp: 287823

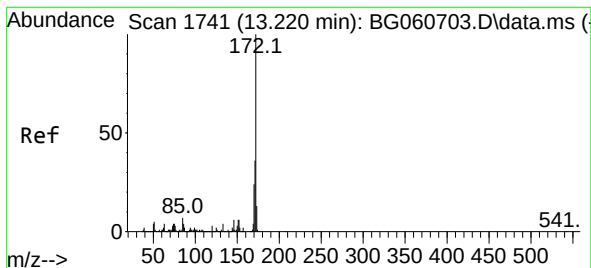
Ion	Ratio	Lower	Upper
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330	100		
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332	97.1	78.2	117.4
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141	30.9	27.0	40.6
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#45

2-Fluorobiphenyl

Concen: 76.780 ng

RT: 13.208 min Scan# 1

Delta R.T. -0.012 min

Lab File: BG060783.D

Acq: 4 Apr 2024 18:15

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224

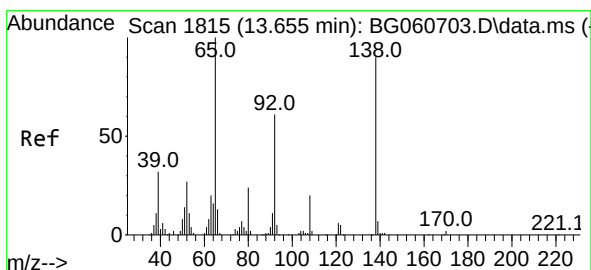
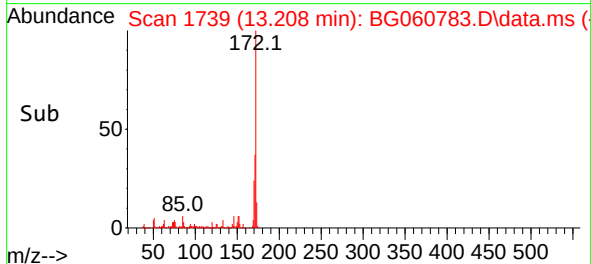
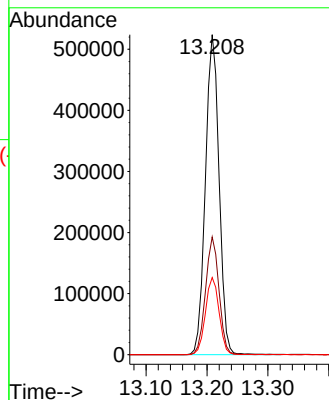
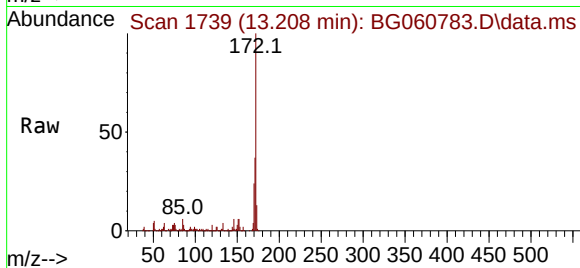
Tgt Ion:172 Resp: 817291

Ion Ratio Lower Upper

172 100

171 36.8 28.7 43.1

170 24.1 19.4 29.0



#48

2-Nitroaniline

Concen: 2.812 ng

RT: 13.385 min Scan# 1769

Delta R.T. -0.270 min

Lab File: BG060783.D

Acq: 4 Apr 2024 18:15

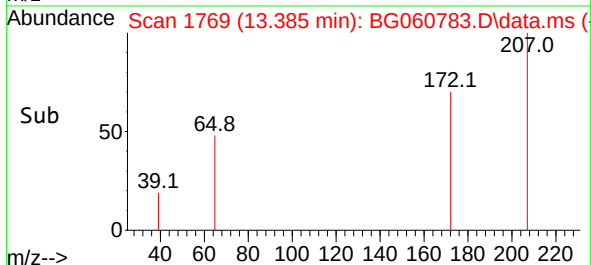
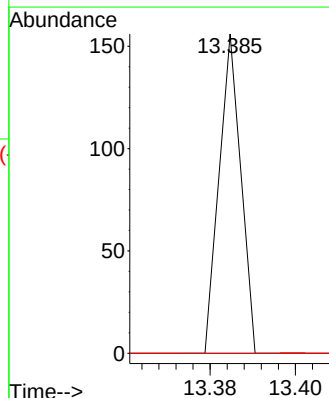
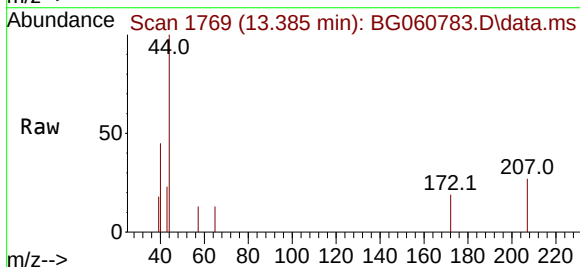
Tgt Ion: 65 Resp: 55

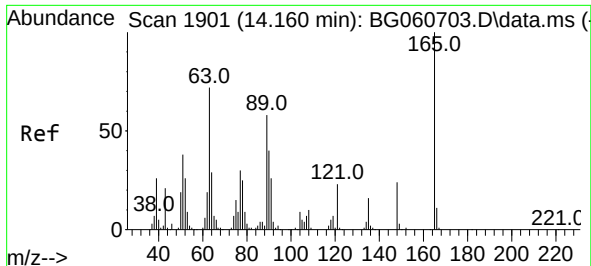
Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#

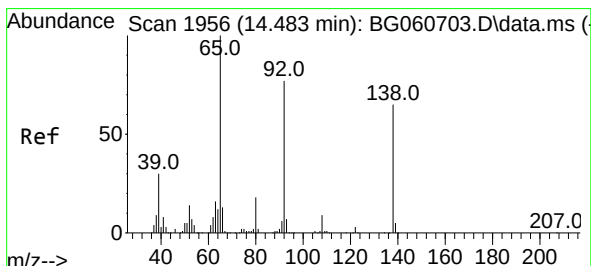
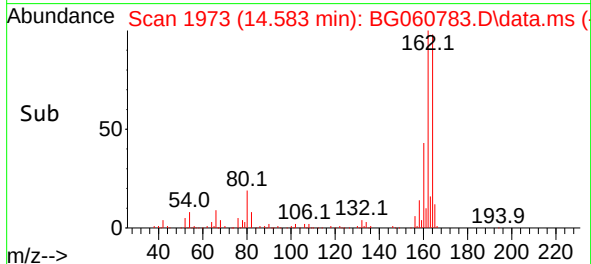
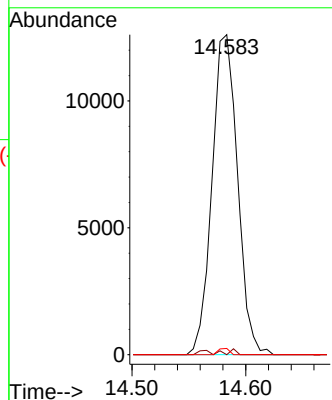
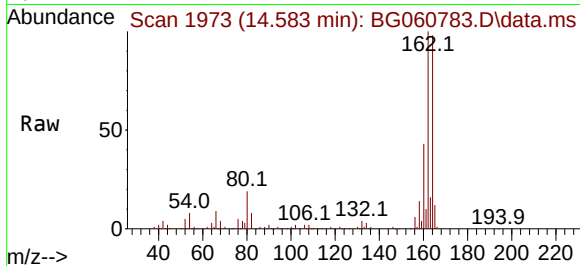




#51
2,6-Dinitrotoluene
Concen: 11.734 ng
RT: 14.583 min Scan# 1901
Delta R.T. 0.423 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

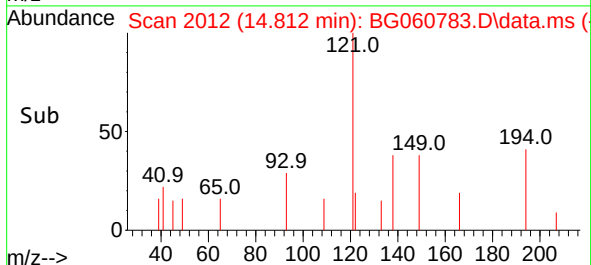
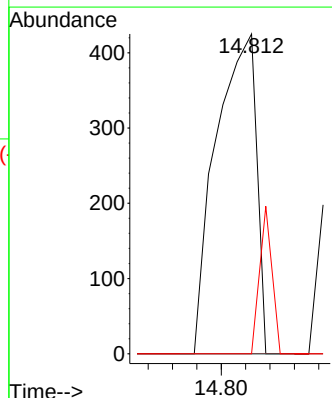
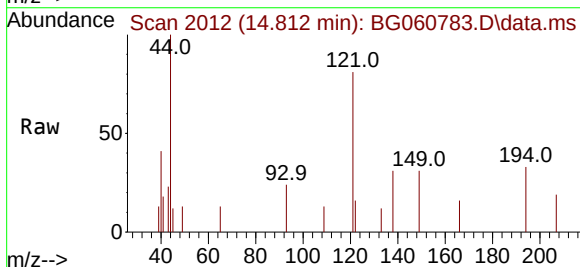
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

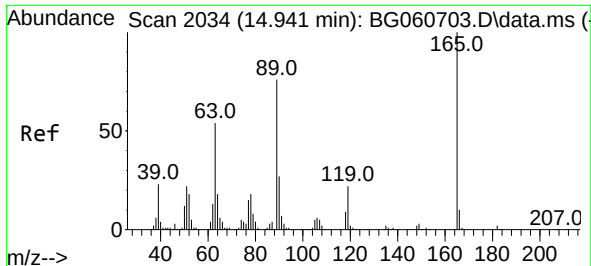
Tgt Ion:165 Resp: 19647
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 2.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 3.040 ng
RT: 14.812 min Scan# 2012
Delta R.T. 0.329 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion:138 Resp: 488
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#





#57

2,4-Dinitrotoluene

Concen: 9.886 ng

RT: 14.583 min Scan# 14583

Delta R.T. -0.358 min

Lab File: BG060783.D

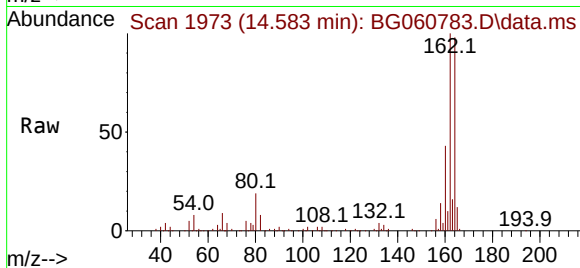
Acq: 4 Apr 2024 18:15

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224



Tgt Ion:165 Resp: 19647

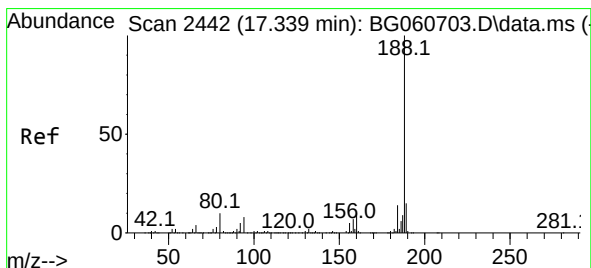
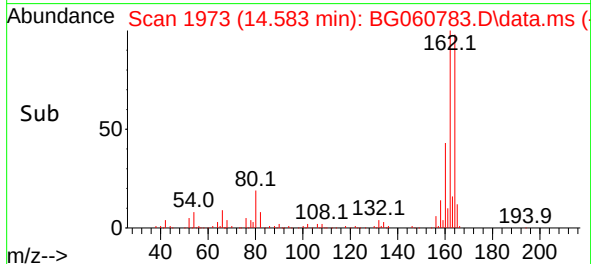
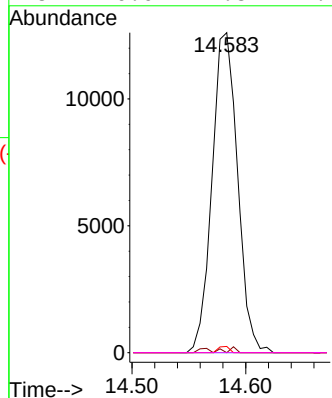
Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

89 2.0 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: BG060783.D

Acq: 4 Apr 2024 18:15

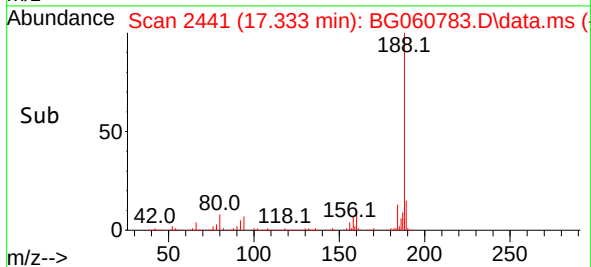
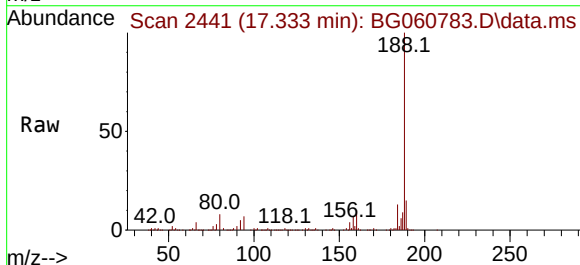
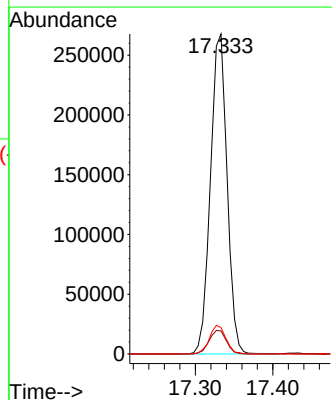
Tgt Ion:188 Resp: 399000

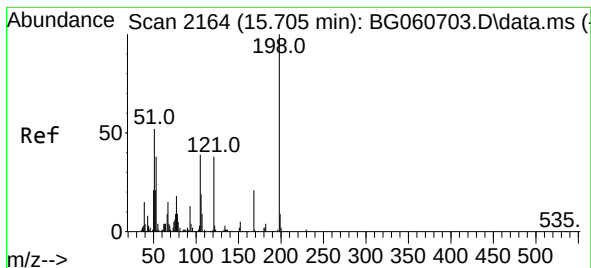
Ion Ratio Lower Upper

188 100

94 7.2 6.6 9.8

80 8.2 7.6 11.4

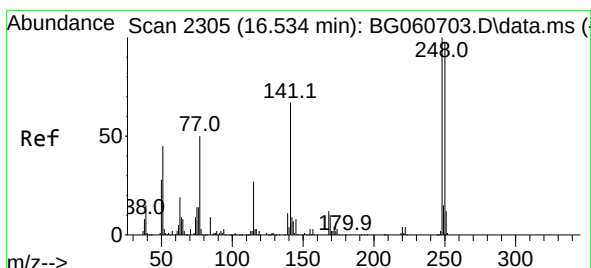
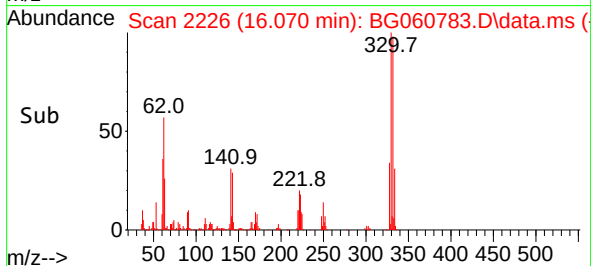
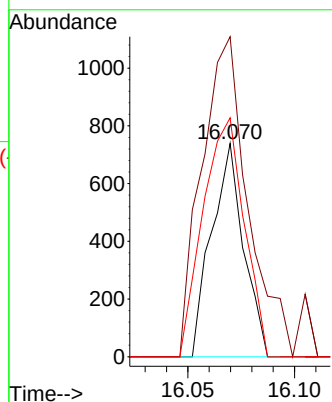
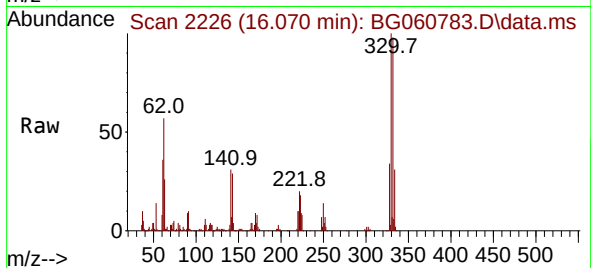




#65
4,6-Dinitro-2-methylphenol
Concen: 7.433 ng
RT: 16.070 min Scan# 2164
Delta R.T. 0.365 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

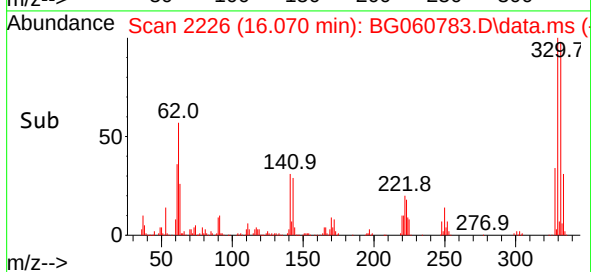
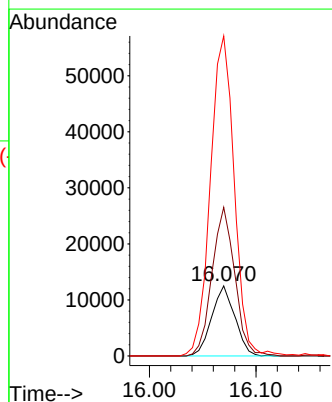
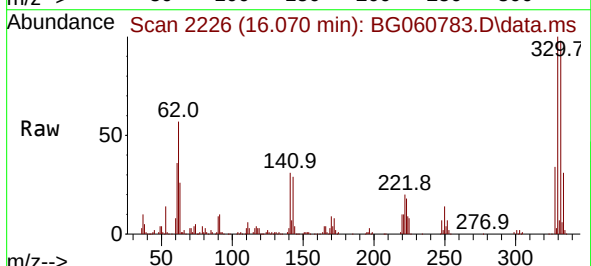
Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

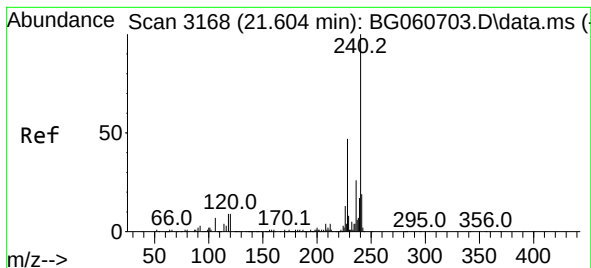
Tgt Ion:198 Resp: 770
Ion Ratio Lower Upper
198 100
51 150.1 36.7 76.7#
105 112.0 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.676 ng
RT: 16.070 min Scan# 2226
Delta R.T. -0.464 min
Lab File: BG060783.D
Acq: 4 Apr 2024 18:15

Tgt Ion:248 Resp: 18934
Ion Ratio Lower Upper
248 100
250 212.2 78.3 117.5#
141 456.6 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.593 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG060783.D

Acq: 4 Apr 2024 18:15

Instrument :

BNA_G

ClientSampleId :

NM-DRUMS-040224

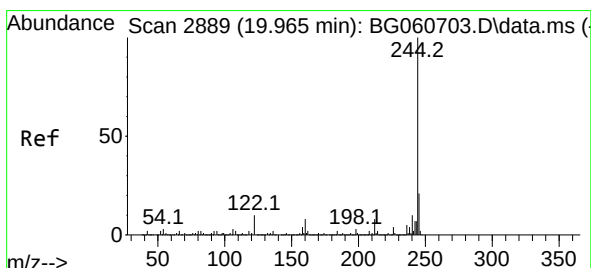
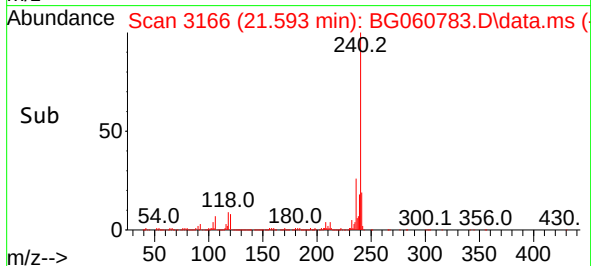
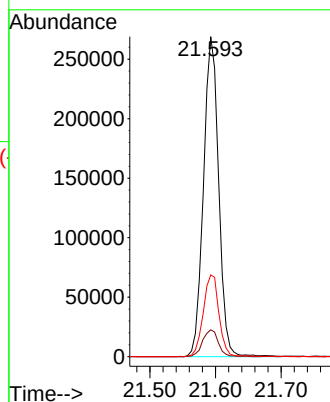
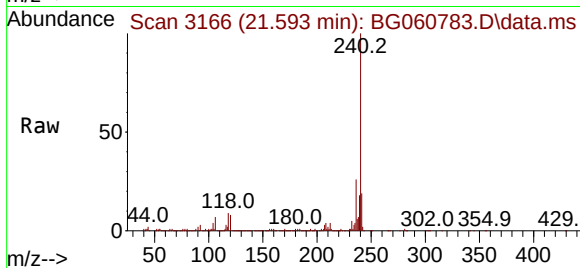
Tgt Ion:240 Resp: 434058

Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

236 25.5 20.7 31.1



#79

Terphenyl-d14

Concen: 73.104 ng

RT: 19.959 min Scan# 2888

Delta R.T. -0.006 min

Lab File: BG060783.D

Acq: 4 Apr 2024 18:15

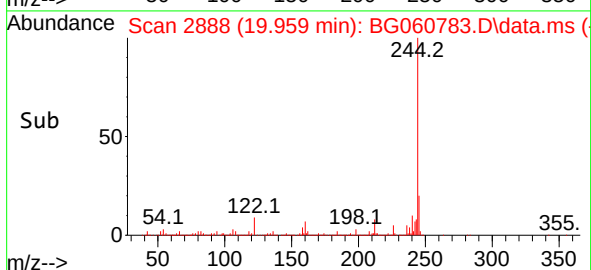
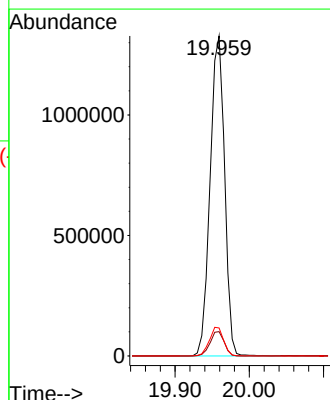
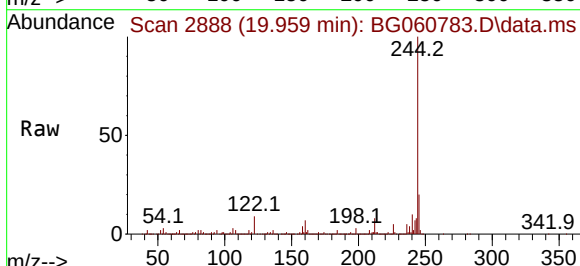
Tgt Ion:244 Resp: 1802074

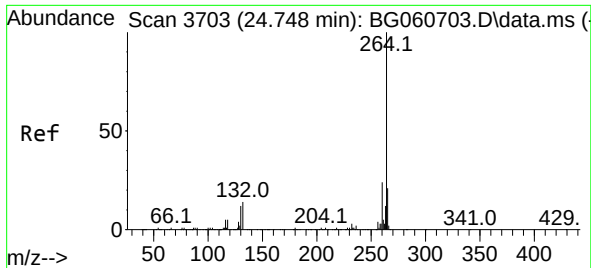
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

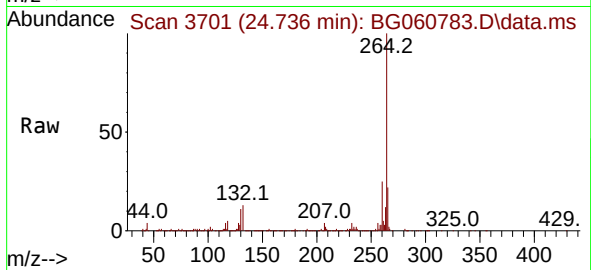
122 8.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG060783.D
 Acq: 4 Apr 2024 18:15

Instrument :
 BNA_G
 ClientSampleId :
 NM-DRUMS-040224



Tgt Ion:	264	Resp:	518686
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.5	16.9	25.3

