

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
 Data File : BG060741.D
 Acq On : 2 Apr 2024 17:18
 Operator : MA/JU
 Sample : PB159890TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB159890TB

Quant Time: Apr 02 17:57:10 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)

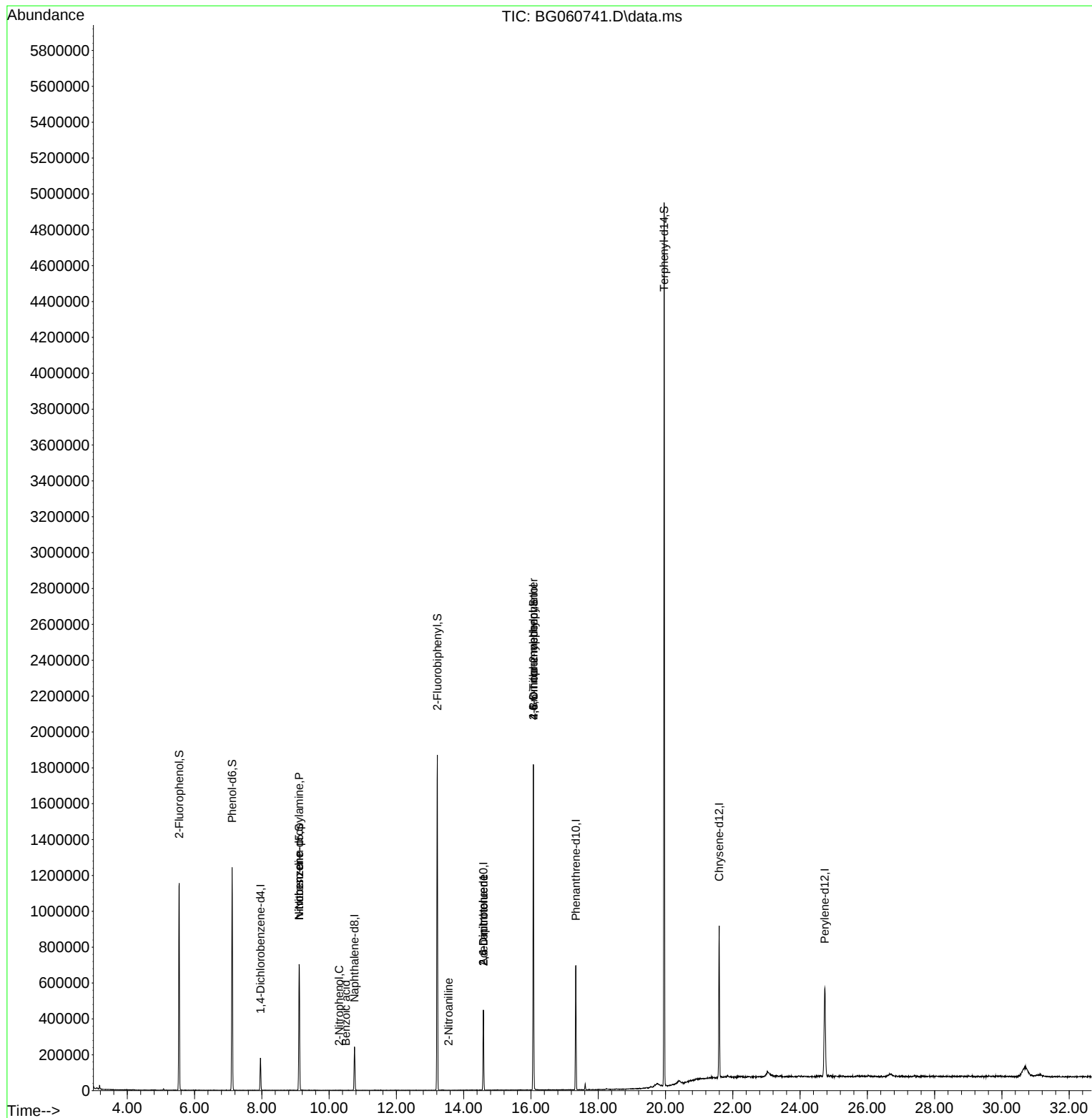
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	46935	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	195059	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	157117	20.000	ng	0.00
64) Phenanthrene-d10	17.335	188	437229	20.000	ng	0.00
76) Chrysene-d12	21.595	240	480967	20.000	ng	0.00
86) Perylene-d12	24.738	264	540095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	449694	159.612	ng	0.00
7) Phenol-d6	7.118	99	622694	148.894	ng	0.00
23) Nitrobenzene-d5	9.110	82	379080	110.894	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	334019	187.279	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	968698	90.486	ng	0.00
79) Terphenyl-d14	19.962	244	2416481	88.468	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	52115	16.341	ng	# 76
24) Nitrobenzene	9.110	77	1503	3.145	ng	# 36
26) 2-Nitrophenol	10.302	139	54	3.004	ng	# 31
32) Benzoic acid	10.496	122	62	6.861	ng	# 1
48) 2-Nitroaniline	13.551	65	54	2.812	ng	# 11
51) 2,6-Dinitrotoluene	14.586	165	20074	11.865	ng	# 19
57) 2,4-Dinitrotoluene	14.586	165	20074	9.991	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.072	198	861	7.441	ng	# 1
67) 4-Bromophenyl-phenylether	16.072	248	23250	5.240	ng	# 1

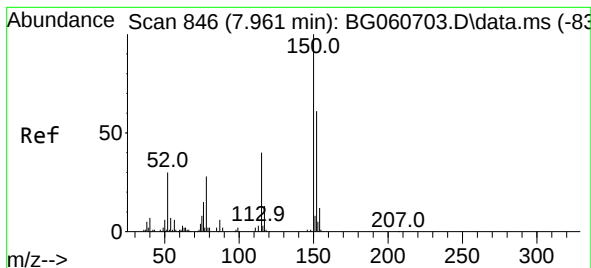
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.958 min Scan# 846

Delta R.T. -0.003 min

Lab File: BG060741.D

Acq: 2 Apr 2024 17:18

Instrument :

BNA_G

ClientSampleId :

PB159890TB

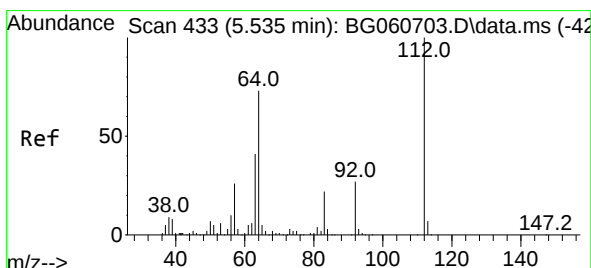
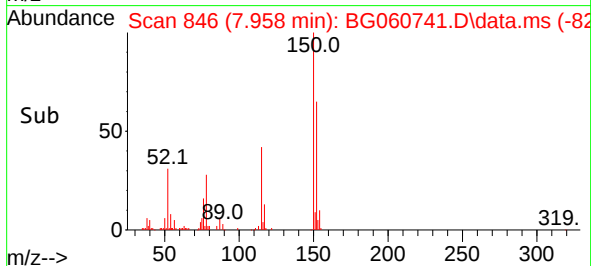
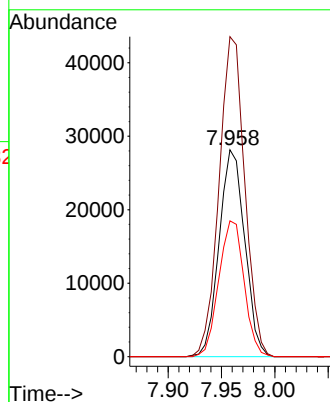
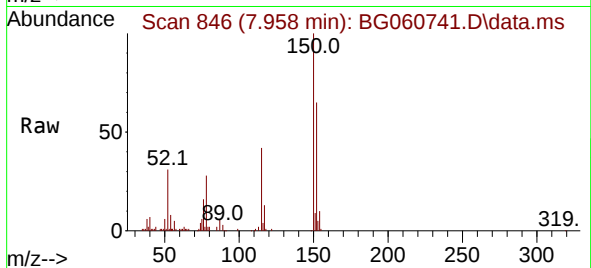
Tgt Ion:152 Resp: 46935

Ion Ratio Lower Upper

152 100

150 154.7 130.2 195.4

115 65.7 51.6 77.4



#5

2-Fluorophenol

Concen: 159.612 ng

RT: 5.543 min Scan# 435

Delta R.T. 0.008 min

Lab File: BG060741.D

Acq: 2 Apr 2024 17:18

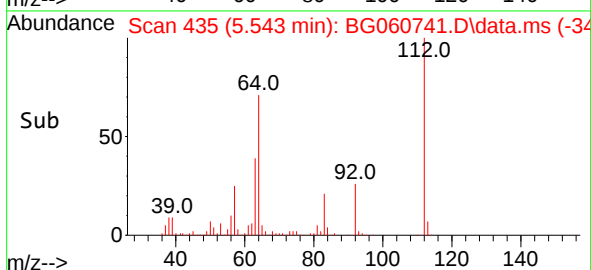
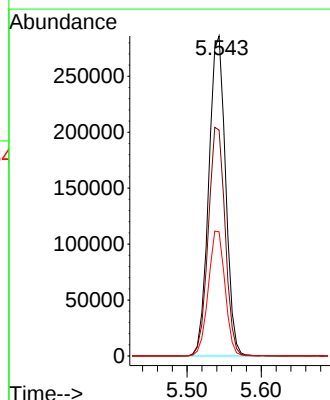
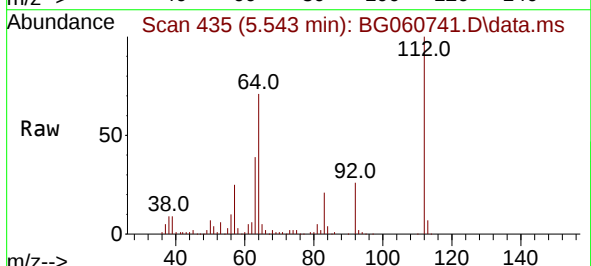
Tgt Ion:112 Resp: 449694

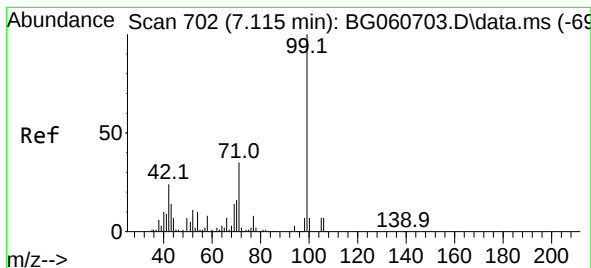
Ion Ratio Lower Upper

112 100

64 70.6 58.4 87.6

63 38.8 32.7 49.1





#7

Phenol-d6

Concen: 148.894 ng

RT: 7.118 min Scan# 702

Delta R.T. 0.002 min

Lab File: BG060741.D

Acq: 2 Apr 2024 17:18

Instrument :

BNA_G

ClientSampleId :

PB159890TB

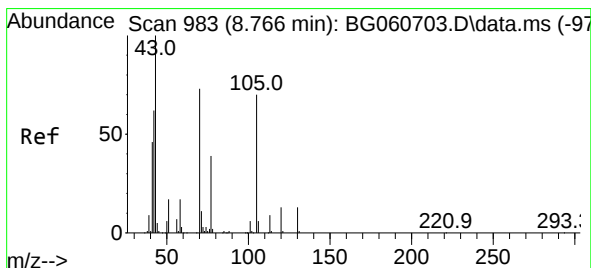
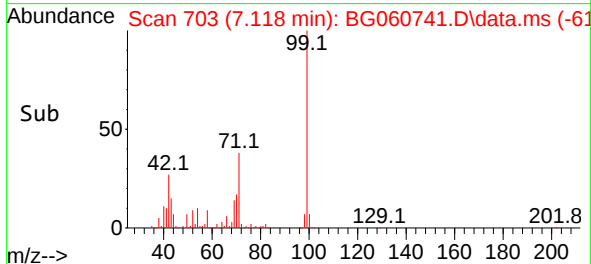
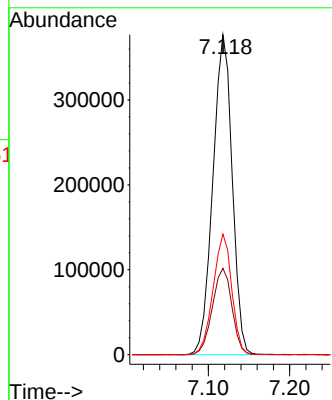
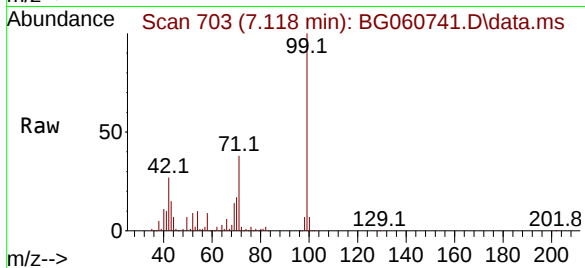
Tgt Ion: 99 Resp: 622694

Ion Ratio Lower Upper

99 100

42 27.0 19.4 29.2

71 37.7 28.2 42.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.341 ng

RT: 9.110 min Scan# 1042

Delta R.T. 0.344 min

Lab File: BG060741.D

Acq: 2 Apr 2024 17:18

Tgt Ion: 70 Resp: 52115

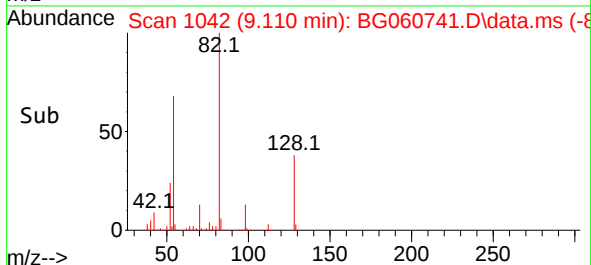
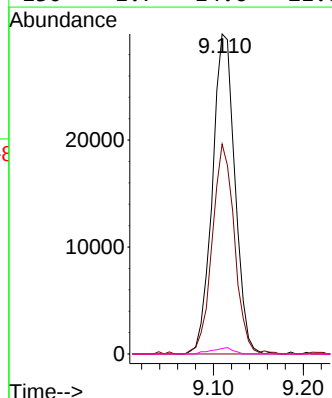
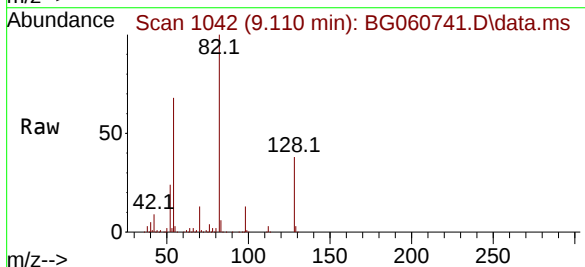
Ion Ratio Lower Upper

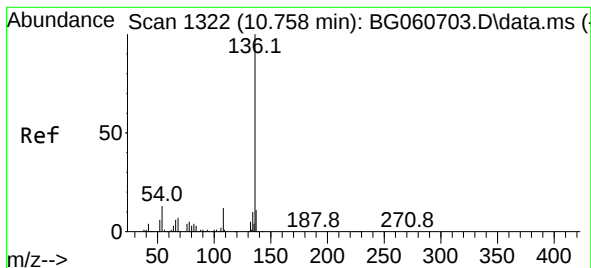
70 100

42 65.6 68.4 102.6#

101 0.0 6.1 9.1#

130 1.7 14.6 21.8#

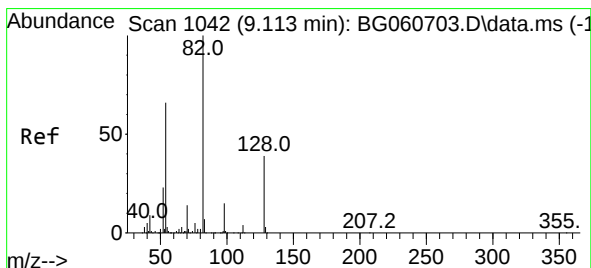
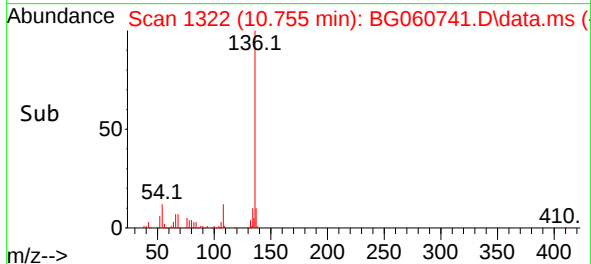
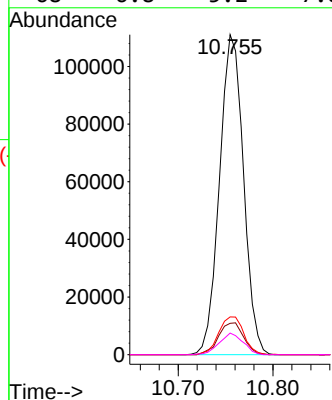
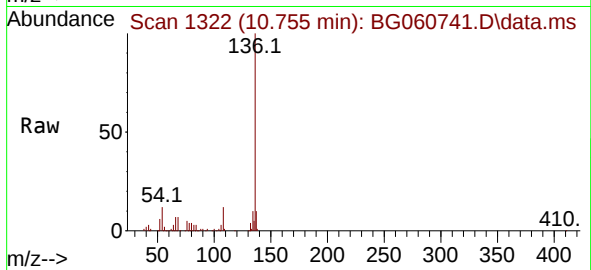




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.755 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

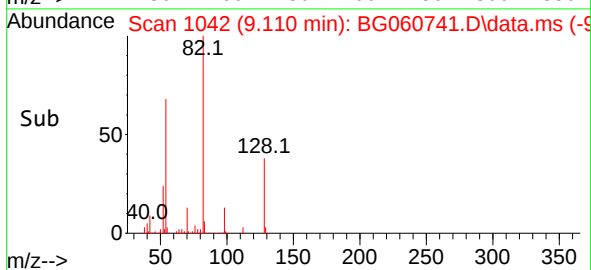
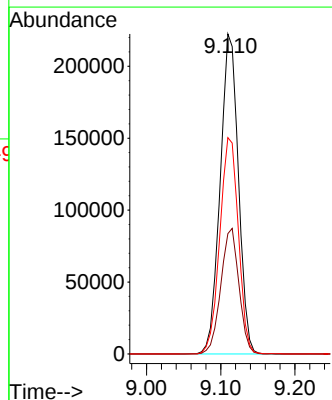
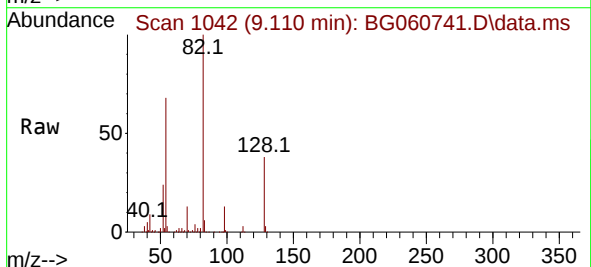
Instrument :
BNA_G
ClientSampleId :
PB159890TB

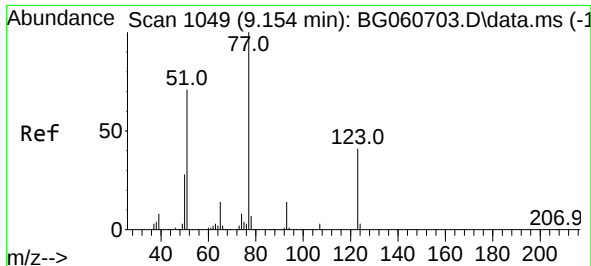
Tgt Ion:136 Resp: 195059
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 11.8 10.2 15.2
68 6.8 5.2 7.8



#23
Nitrobenzene-d5
Concen: 110.894 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Tgt Ion: 82 Resp: 379080
Ion Ratio Lower Upper
82 100
128 37.6 31.2 46.8
54 67.6 53.2 79.8

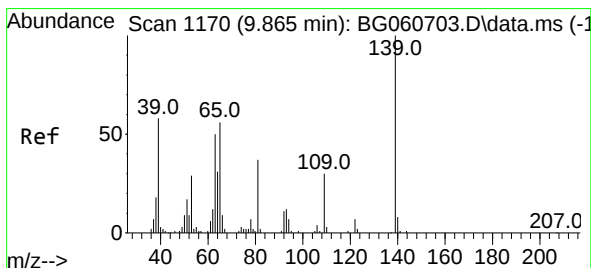
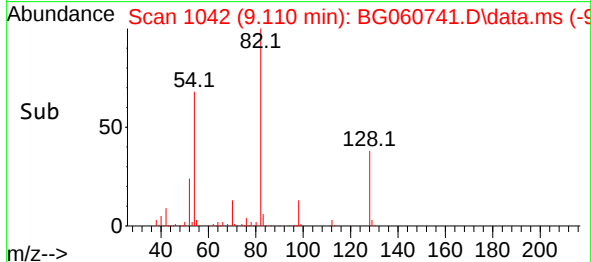
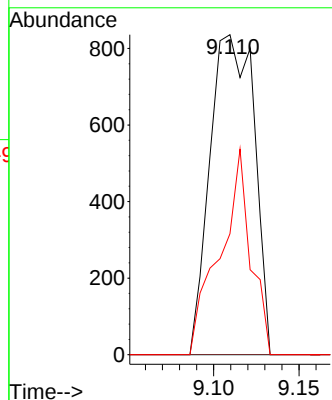
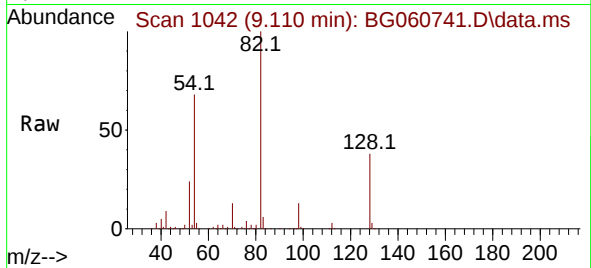




#24
Nitrobenzene
Concen: 3.145 ng
RT: 9.110 min Scan# 1049
Delta R.T. -0.044 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

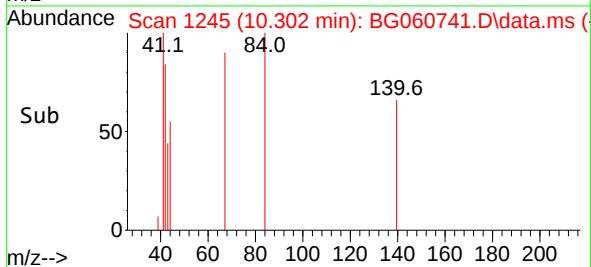
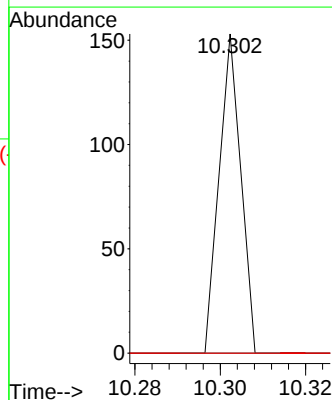
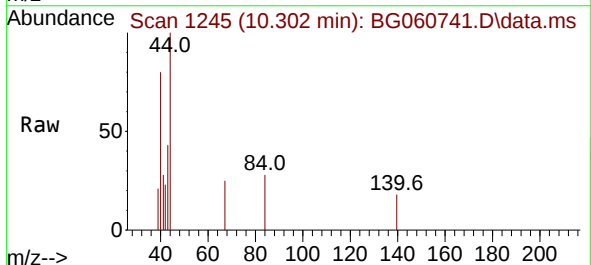
Instrument :
BNA_G
ClientSampleId :
PB159890TB

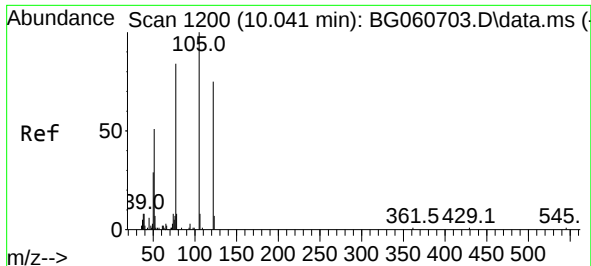
Tgt Ion: 77 Resp: 1503
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 37.8 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.004 ng
RT: 10.302 min Scan# 1245
Delta R.T. 0.437 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Tgt Ion: 139 Resp: 54
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#

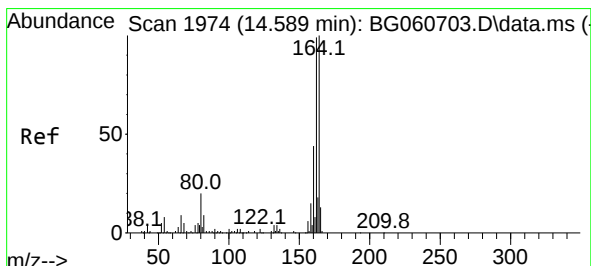
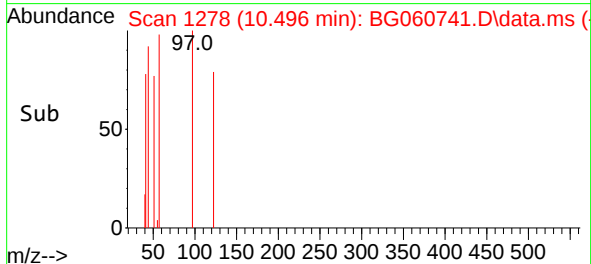
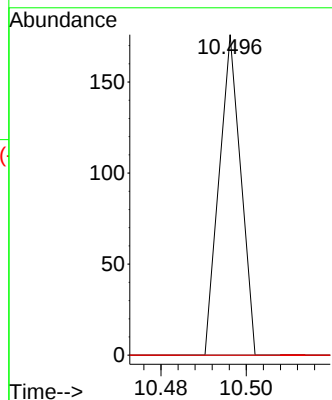
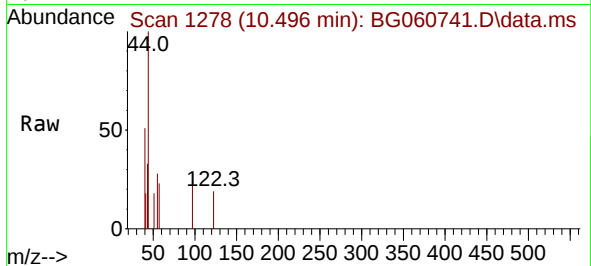




#32
Benzoic acid
Concen: 6.861 ng
RT: 10.496 min Scan# 11
Delta R.T. 0.455 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

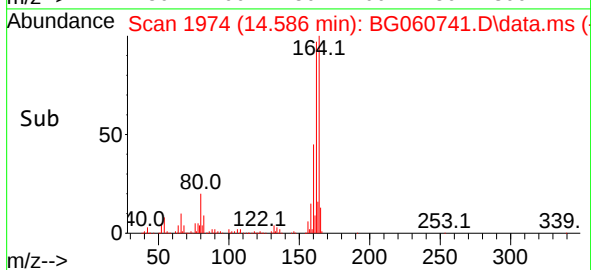
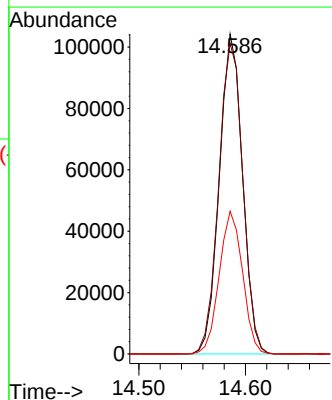
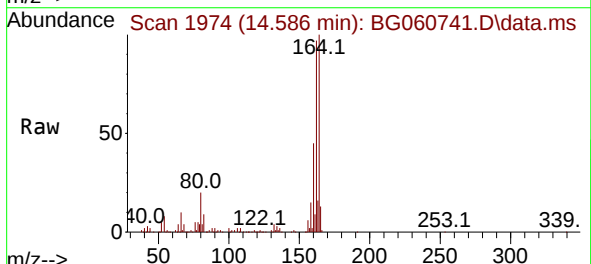
Instrument :
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ClientSampleId :
PB159890TB

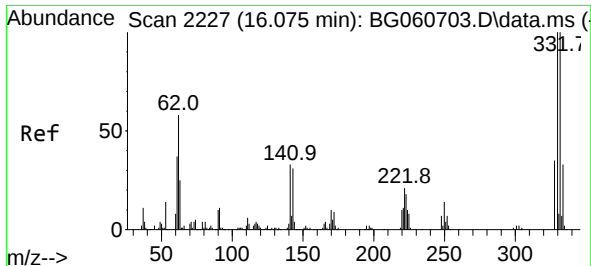
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

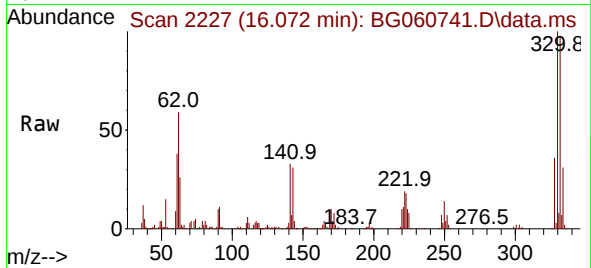
Tgt Ion:164 Resp: 157117
Ion Ratio Lower Upper
164 100
162 97.1 79.5 119.3
160 44.6 35.4 53.0



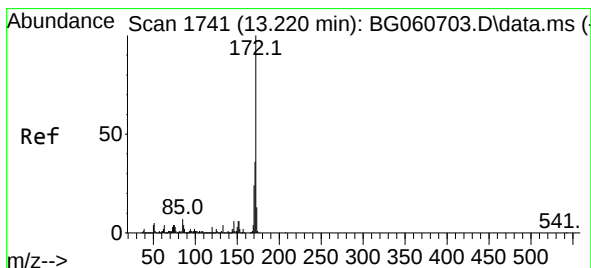
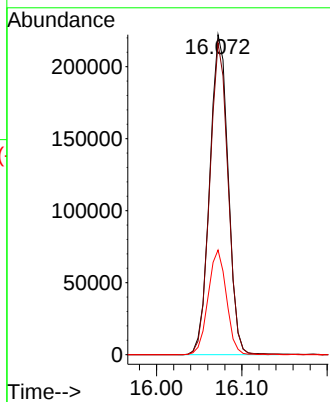
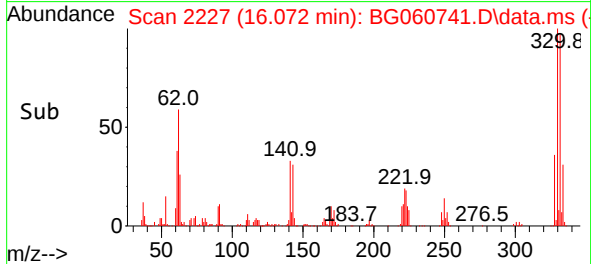


#42
2,4,6-Tribromophenol
Concen: 187.279 ng
RT: 16.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

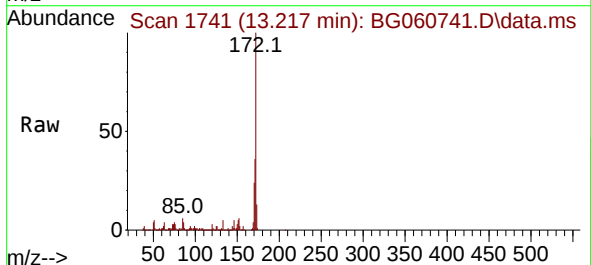
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ClientSampleId :
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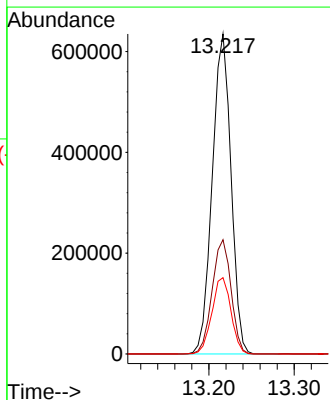
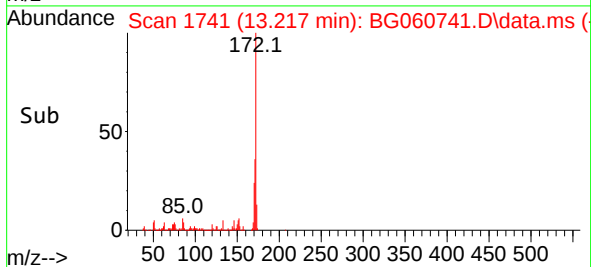
Tgt Ion:330 Resp: 334019
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 32.3 27.0 40.6

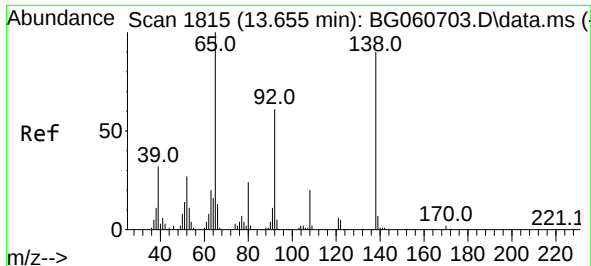


#45
2-Fluorobiphenyl
Concen: 90.486 ng
RT: 13.217 min Scan# 1741
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18



Tgt Ion:172 Resp: 968698
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.9 19.4 29.0

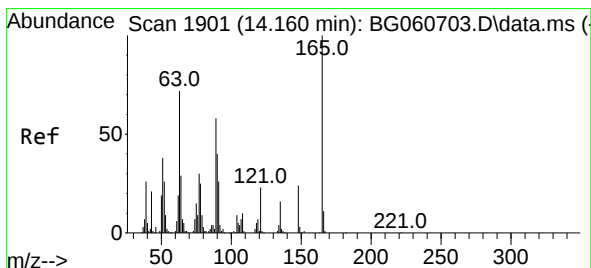
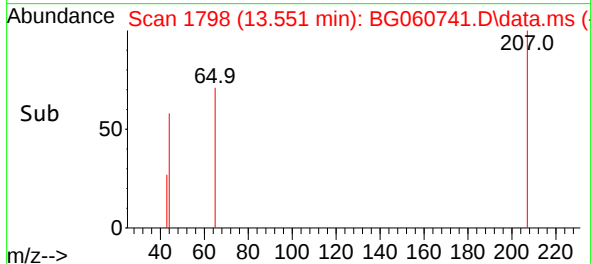
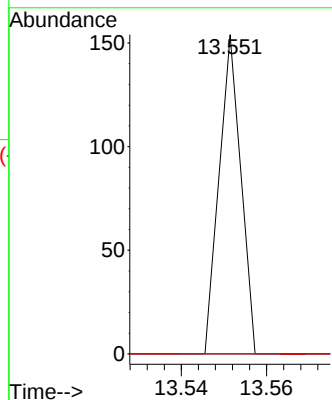
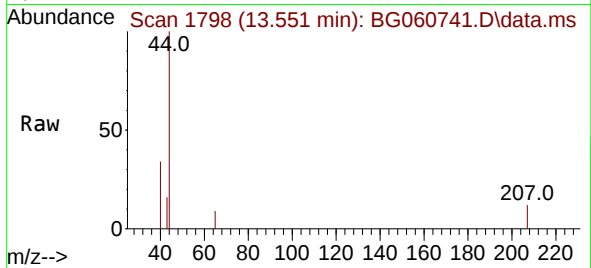




#48
2-Nitroaniline
Concen: 2.812 ng
RT: 13.551 min Scan# 1
Delta R.T. -0.104 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

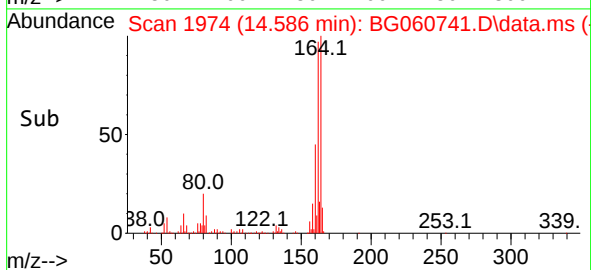
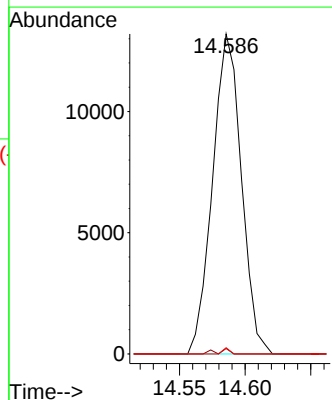
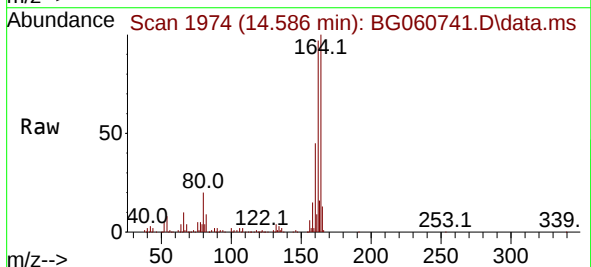
Instrument :
BNA_G
ClientSampleId :
PB159890TB

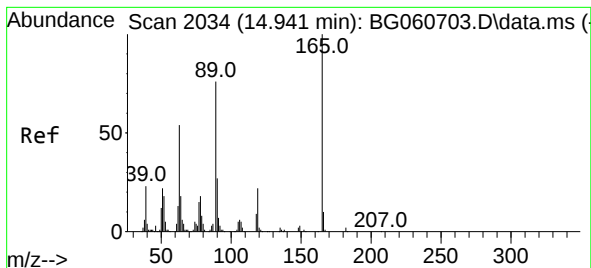
Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 11.865 ng
RT: 14.586 min Scan# 1974
Delta R.T. 0.425 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Tgt Ion:165 Resp: 20074
Ion Ratio Lower Upper
165 100
63 1.7 58.2 87.4#
89 1.9 46.1 69.1#

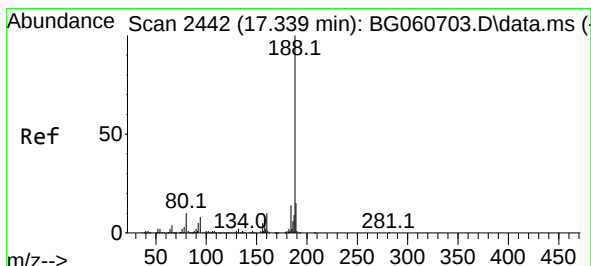
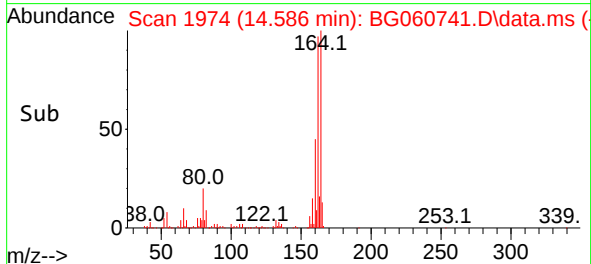
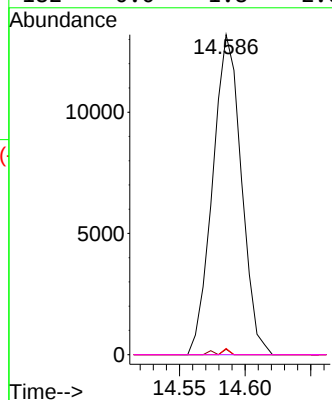
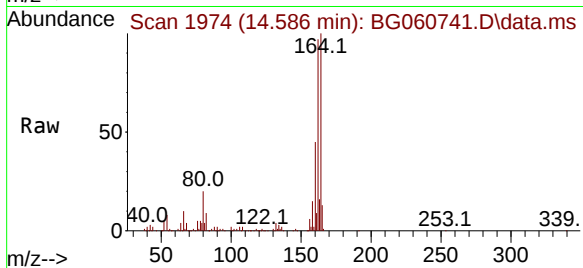




#57
2,4-Dinitrotoluene
Concen: 9.991 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.356 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

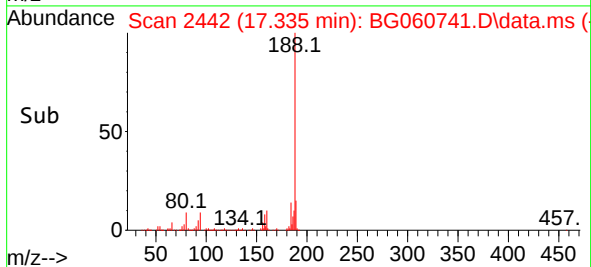
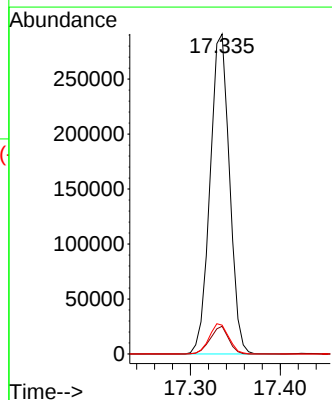
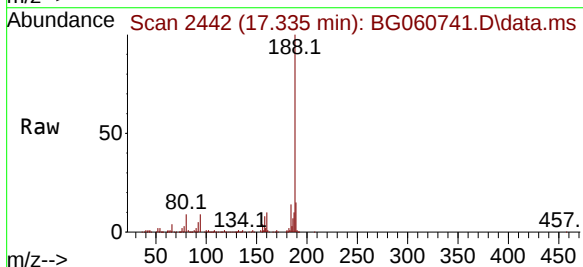
Instrument :
BNA_G
ClientSampleId :
PB159890TB

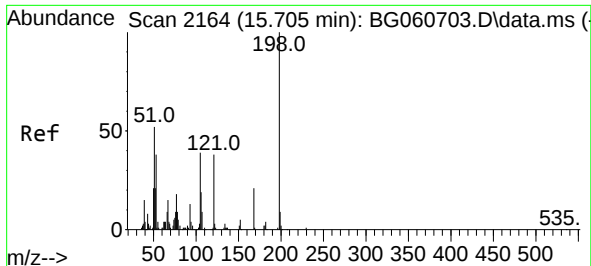
Tgt Ion:165 Resp: 20074
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 1.9 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.335 min Scan# 2442
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Tgt Ion:188 Resp: 437229
Ion Ratio Lower Upper
188 100
94 8.7 6.6 9.8
80 9.0 7.6 11.4

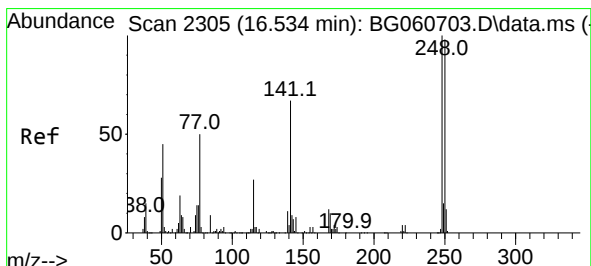
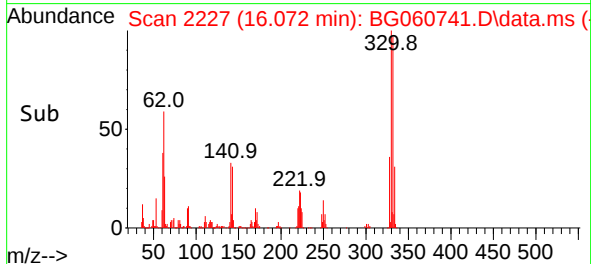
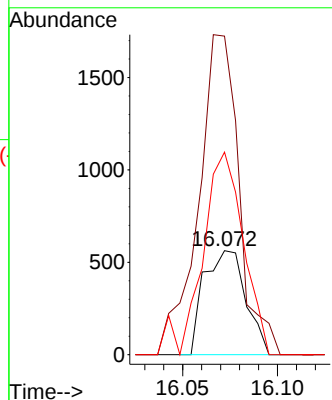
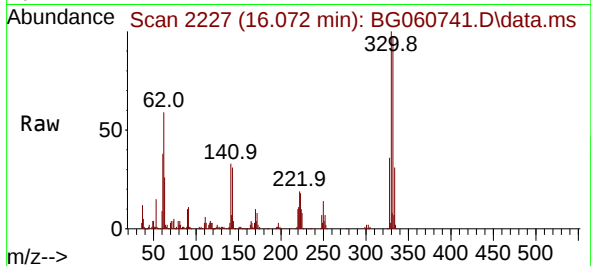




#65
4,6-Dinitro-2-methylphenol
Concen: 7.441 ng
RT: 16.072 min Scan# 2164
Delta R.T. 0.367 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

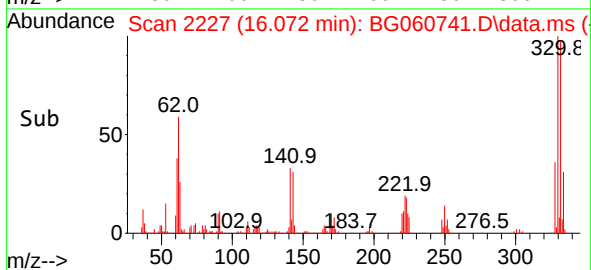
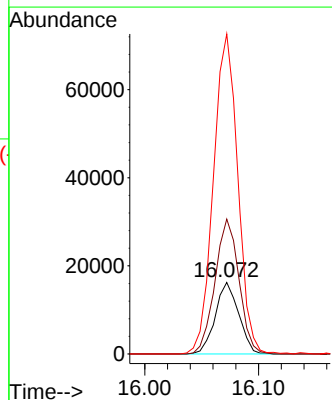
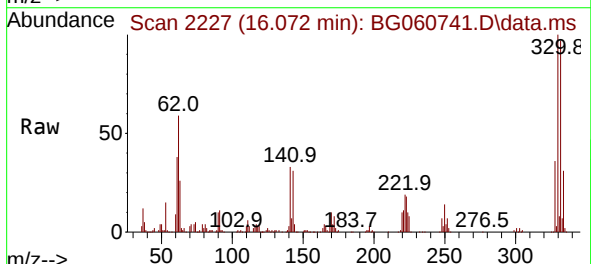
Instrument :
BNA_G
ClientSampleId :
PB159890TB

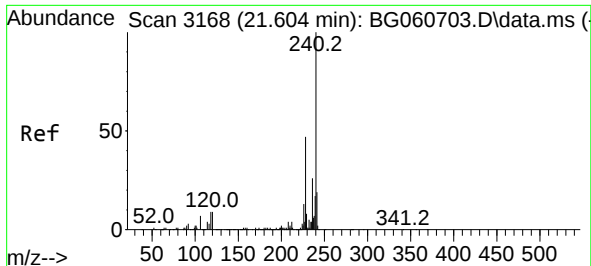
Tgt Ion:198 Resp: 861
Ion Ratio Lower Upper
198 100
51 306.2 36.7 76.7#
105 194.7 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.240 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.462 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Tgt Ion:248 Resp: 23250
Ion Ratio Lower Upper
248 100
250 188.6 78.3 117.5#
141 447.2 53.7 80.5#

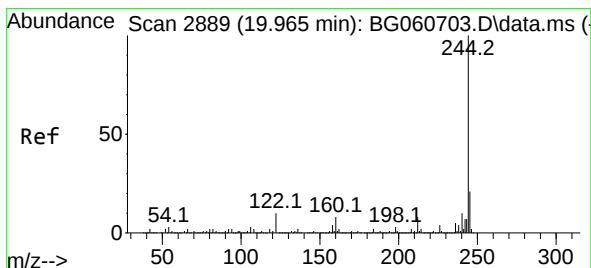
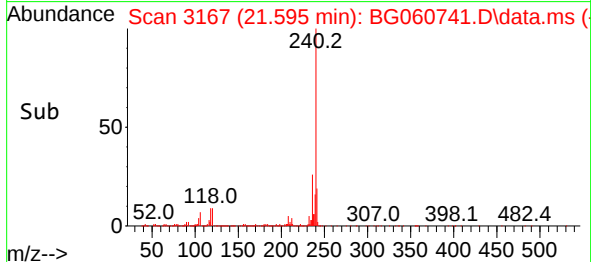
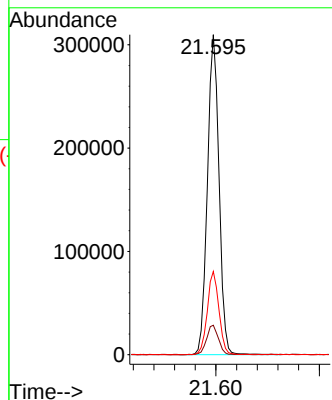
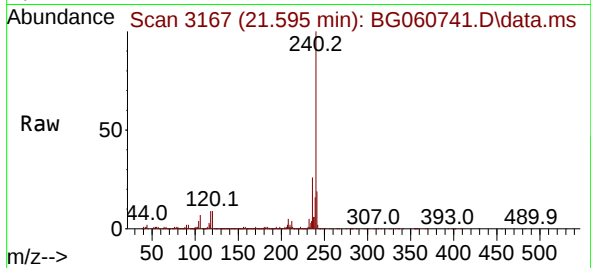




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.595 min Scan# 3167
Delta R.T. -0.009 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

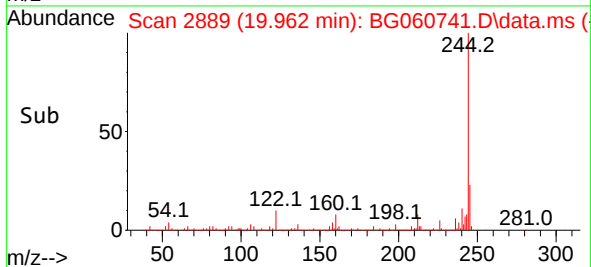
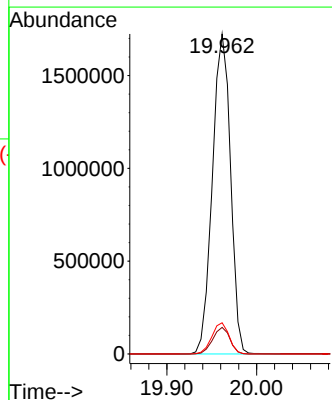
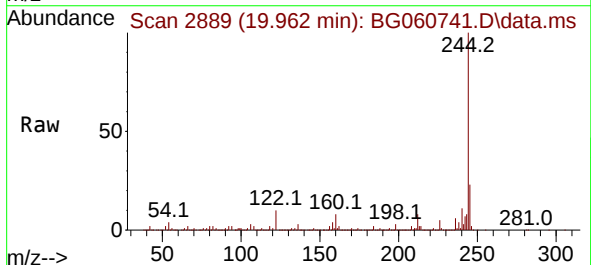
Instrument :
BNA_G
ClientSampleId :
PB159890TB

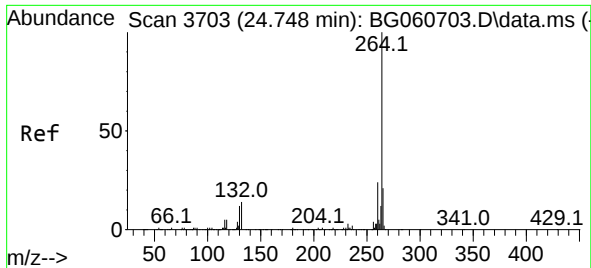
Tgt Ion:240 Resp: 480967
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 88.468 ng
RT: 19.962 min Scan# 2889
Delta R.T. -0.003 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Tgt Ion:244 Resp: 2416481
Ion Ratio Lower Upper
244 100
212 8.3 6.2 9.2
122 9.8 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.738 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG060741.D
Acq: 2 Apr 2024 17:18

Instrument :
BNA_G
ClientSampleId :
PB159890TB

Tgt Ion:264 Resp: 540095

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.5	16.9	25.3

