

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060838.D
 Acq On : 9 Apr 2024 10:11
 Operator : MA/JU
 Sample : PB160074BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160074BL

Quant Time: Apr 09 11:08:25 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)

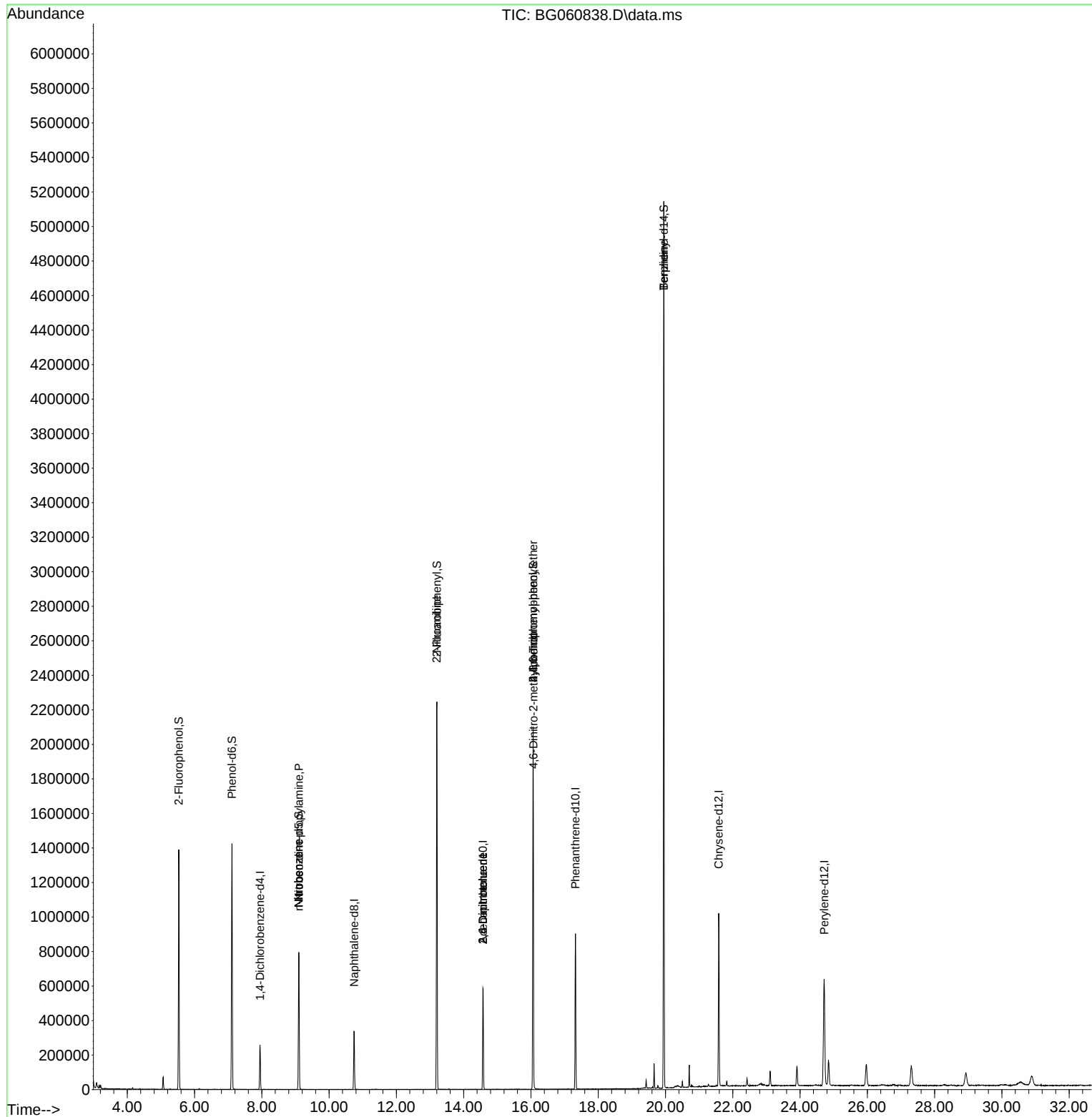
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	66246	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	265044	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	208199	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	576865	20.000	ng	-0.01
76) Chrysene-d12	21.584	240	599173	20.000	ng	-0.02
86) Perylene-d12	24.715	264	678818	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	512733	128.937	ng	0.00
7) Phenol-d6	7.113	99	707707	119.893	ng	0.00
23) Nitrobenzene-d5	9.098	82	436513	93.977	ng	-0.01
42) 2,4,6-Tribromophenol	16.067	330	417267	176.554	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1180334	83.204	ng	-0.01
79) Terphenyl-d14	19.950	244	2594509	76.247	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.104	70	59160	13.142	ng	# 74
24) Nitrobenzene	9.098	77	1126	2.978	ng	# 35
48) 2-Nitroaniline	13.200	65	1884	3.340	ng	# 1
51) 2,6-Dinitrotoluene	14.574	165	27744	12.225	ng	# 18
57) 2,4-Dinitrotoluene	14.574	165	27744	10.278	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.073	198	1145	7.444	ng	# 7
67) 4-Bromophenyl-phenylether	16.067	248	28765	4.913	ng	# 1
77) Benzidine	19.950	184	43060	2.729	ng	# 93

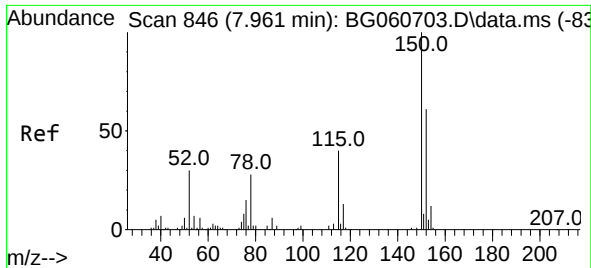
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
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ALS Vial : 3 Sample Multiplier: 1

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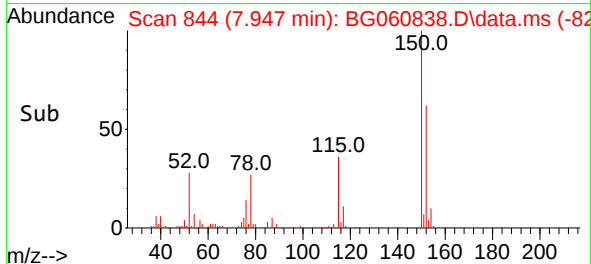
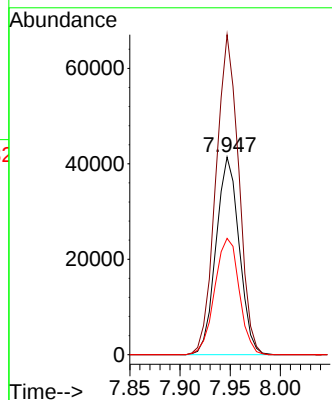
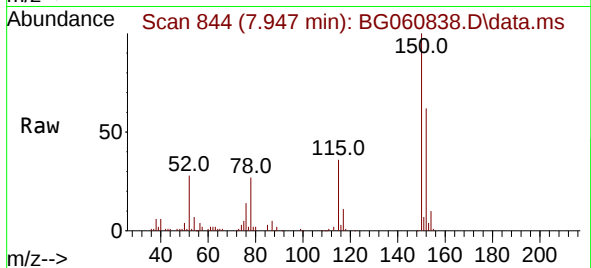




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.947 min Scan# 84
 Delta R.T. -0.014 min
 Lab File: BG060838.D
 Acq: 9 Apr 2024 10:11

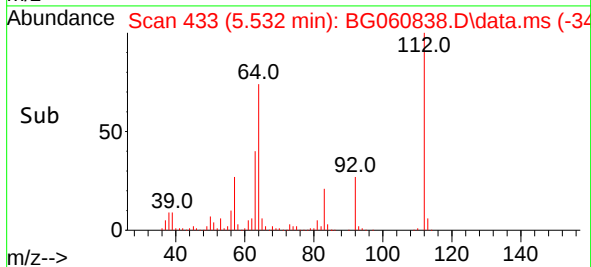
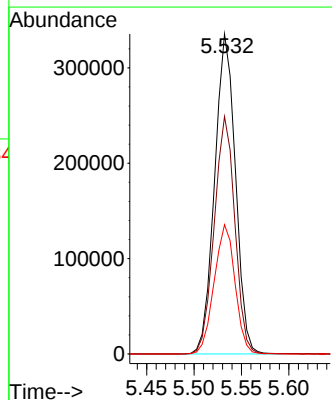
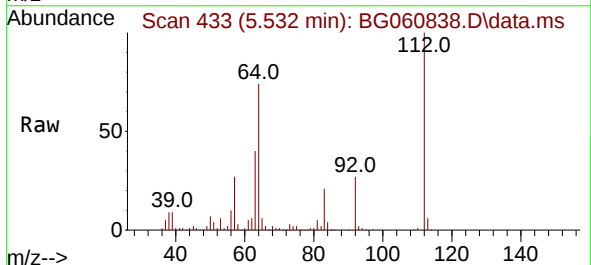
Instrument :
 BNA_G
 ClientSampleId :
 PB160074BL

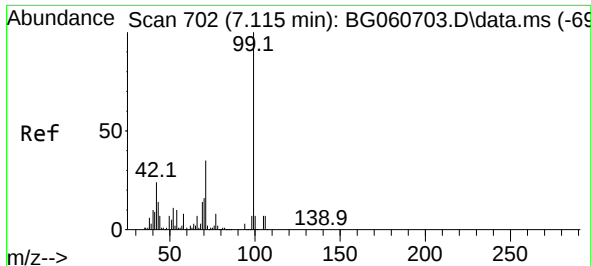
Tgt Ion:152 Resp: 66246
 Ion Ratio Lower Upper
 152 100
 150 161.9 130.2 195.4
 115 58.9 51.6 77.4



#5
 2-Fluorophenol
 Concen: 128.937 ng
 RT: 5.532 min Scan# 433
 Delta R.T. -0.003 min
 Lab File: BG060838.D
 Acq: 9 Apr 2024 10:11

Tgt Ion:112 Resp: 512733
 Ion Ratio Lower Upper
 112 100
 64 74.2 58.4 87.6
 63 40.4 32.7 49.1

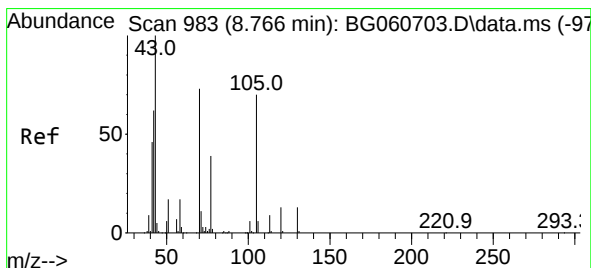
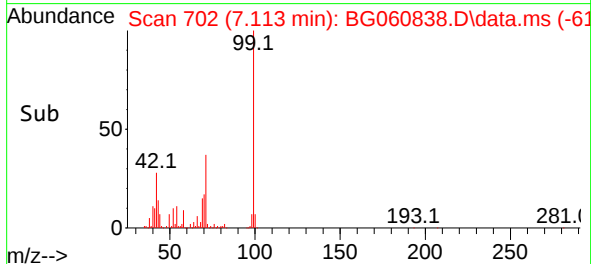
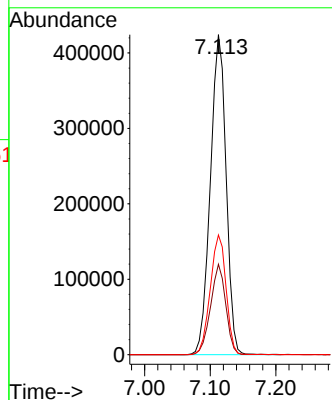
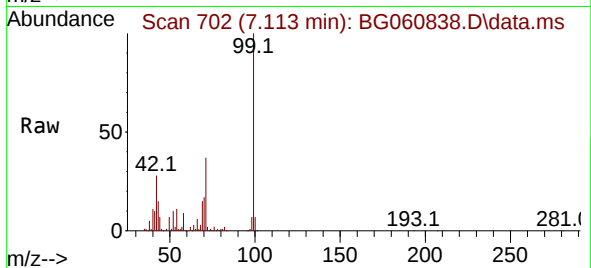




#7
Phenol-d6
Concen: 119.893 ng
RT: 7.113 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

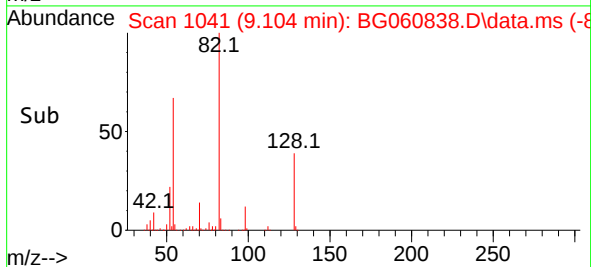
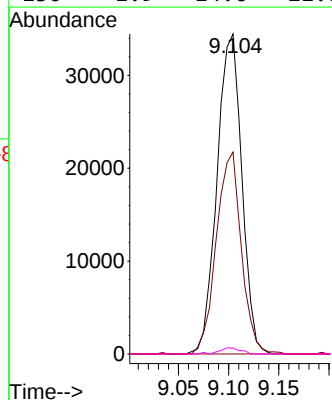
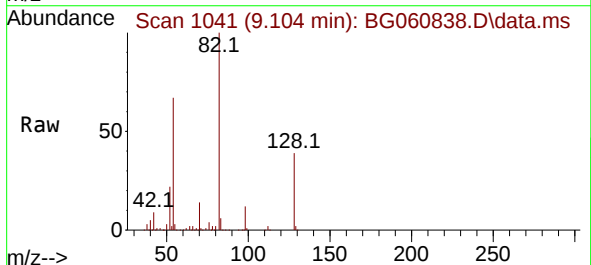
Instrument :
BNA_G
ClientSampleId :
PB160074BL

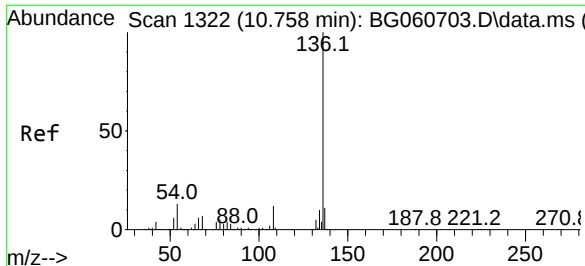
Tgt Ion: 99 Resp: 707707
Ion Ratio Lower Upper
99 100
42 28.2 19.4 29.2
71 37.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.142 ng
RT: 9.104 min Scan# 1041
Delta R.T. 0.338 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

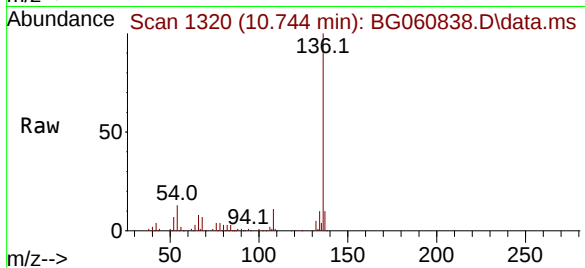
Tgt Ion: 70 Resp: 59160
Ion Ratio Lower Upper
70 100
42 63.1 68.4 102.6#
101 0.0 6.1 9.1#
130 1.9 14.6 21.8#



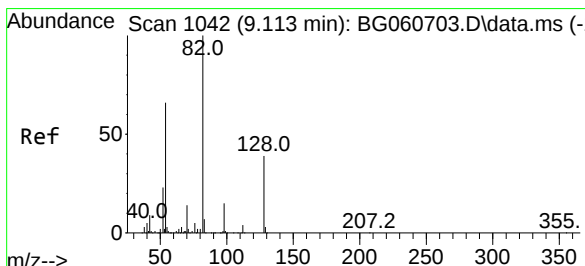
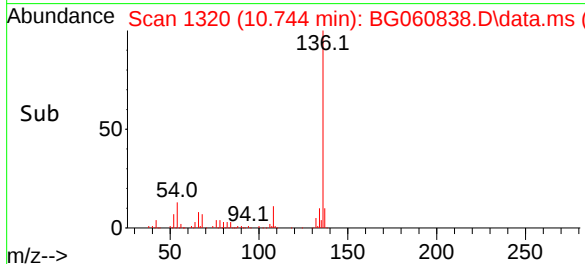
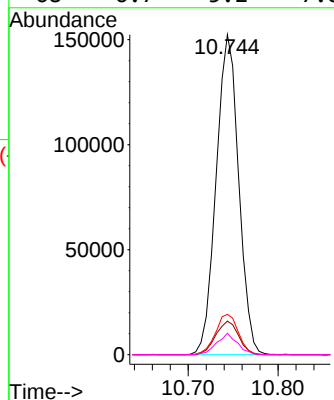


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Instrument :
BNA_G
ClientSampleId :
PB160074BL

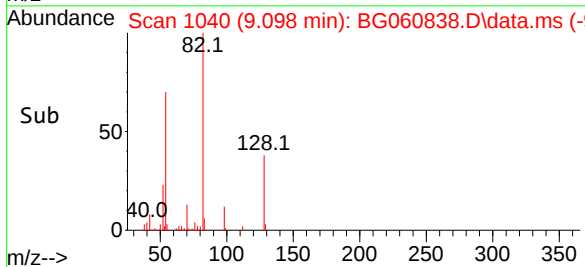
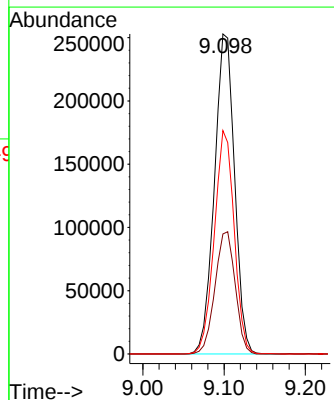
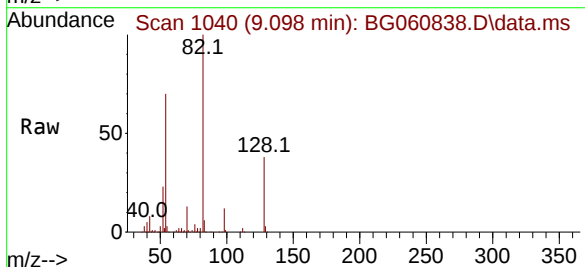


Tgt Ion:	136	Resp:	265044
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	12.6	10.2	15.2
68	6.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 93.977 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.015 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Tgt Ion:	82	Resp:	436513
Ion	Ratio	Lower	Upper
82	100		
128	37.5	31.2	46.8
54	69.8	53.2	79.8

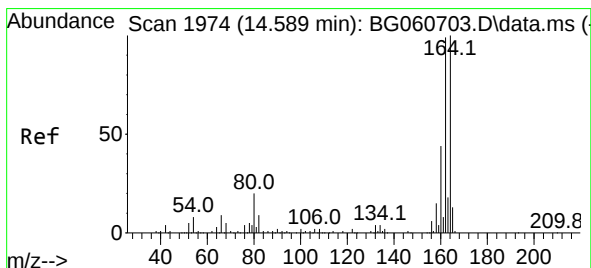
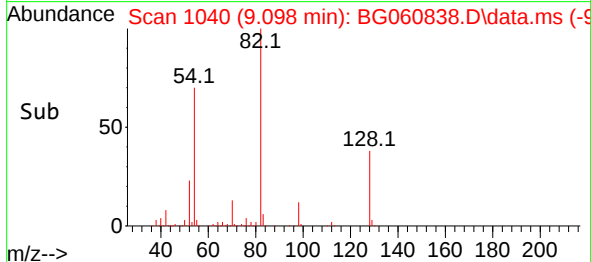
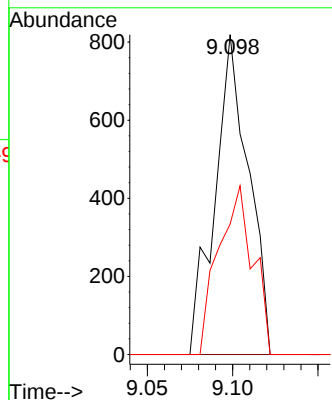
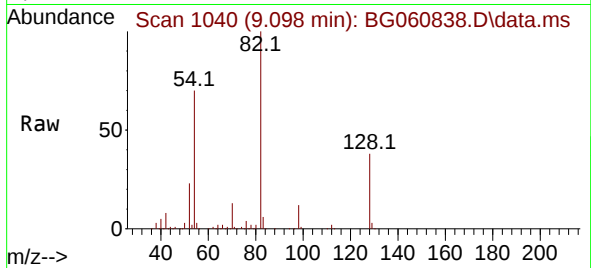




#24
Nitrobenzene
Concen: 2.978 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.056 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

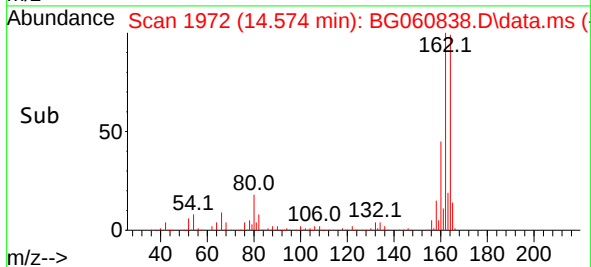
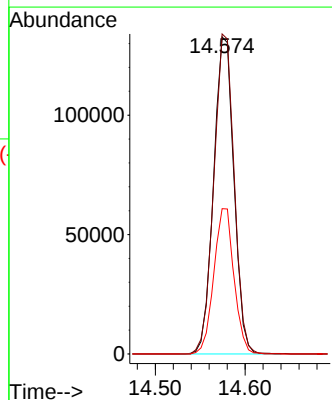
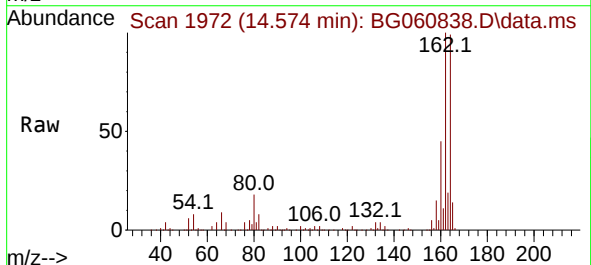
Instrument :
BNA_G
ClientSampleId :
PB160074BL

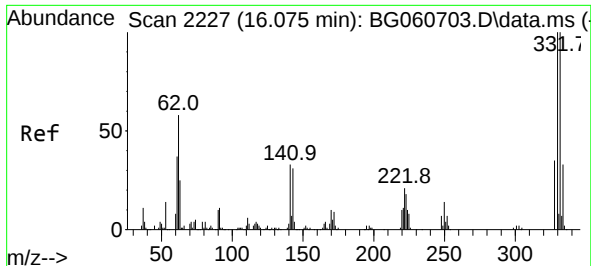
Tgt Ion: 77 Resp: 1126
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 40.8 11.3 16.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

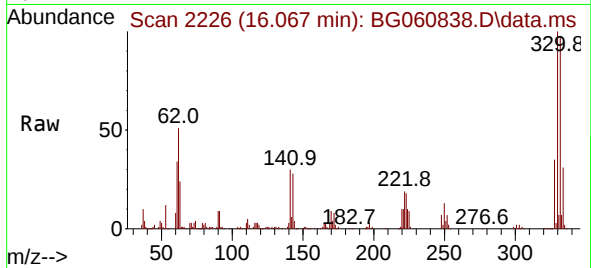
Tgt Ion: 164 Resp: 208199
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.8 35.4 53.0



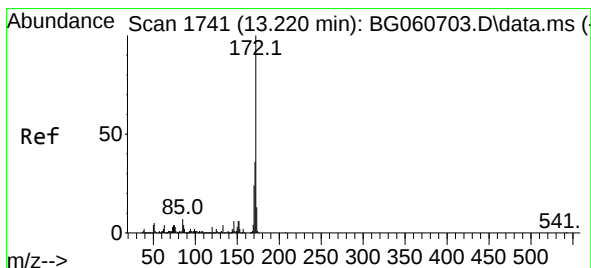
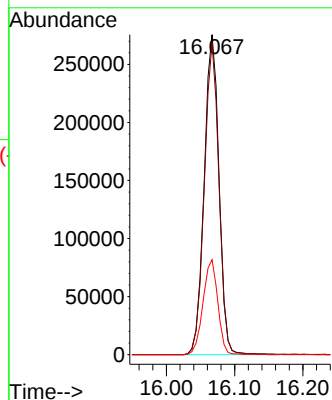
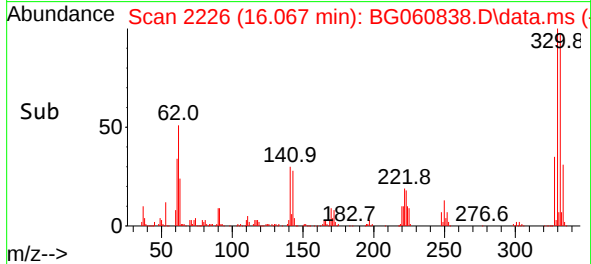


#42
2,4,6-Tribromophenol
Concen: 176.554 ng
RT: 16.067 min Scan# 211
Delta R.T. -0.009 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Instrument :
BNA_G
ClientSampleId :
PB160074BL

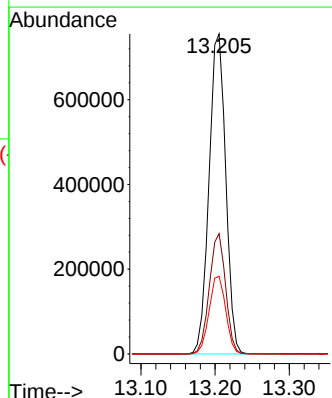
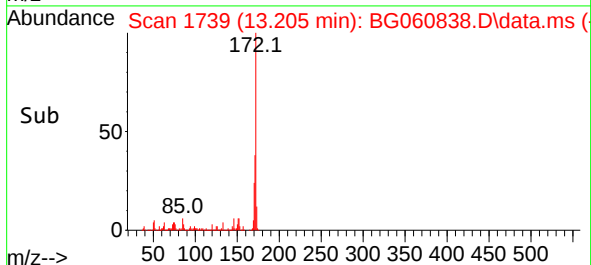
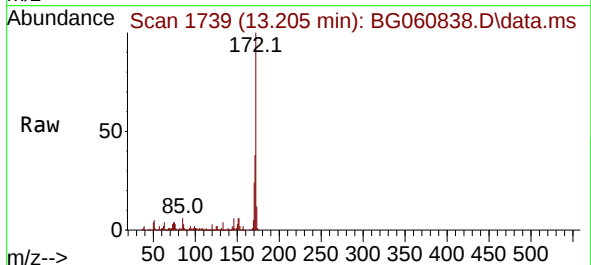


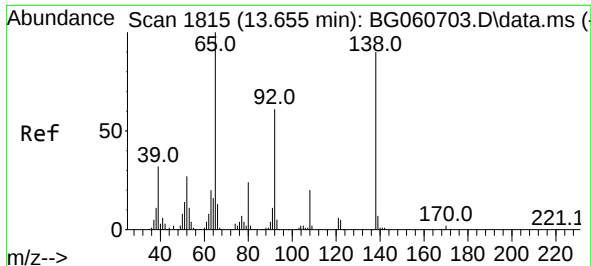
Tgt Ion:330 Resp: 417267
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 29.5 27.0 40.6



#45
2-Fluorobiphenyl
Concen: 83.204 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Tgt Ion:172 Resp: 1180334
Ion Ratio Lower Upper
172 100
171 37.6 28.7 43.1
170 24.3 19.4 29.0

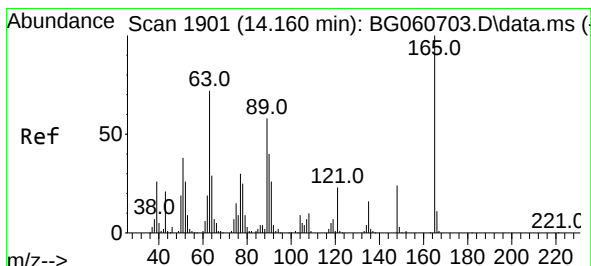
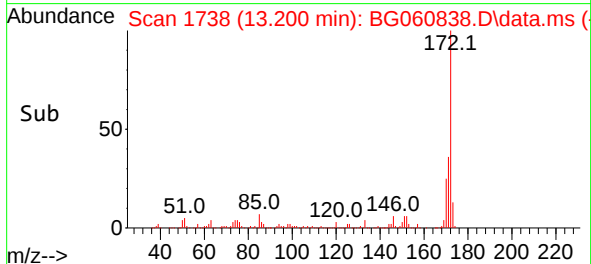
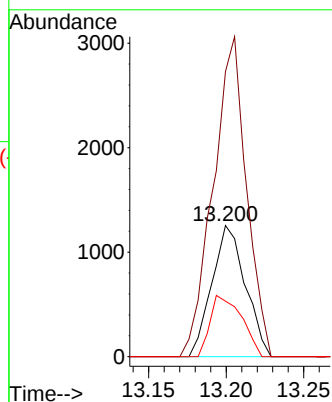
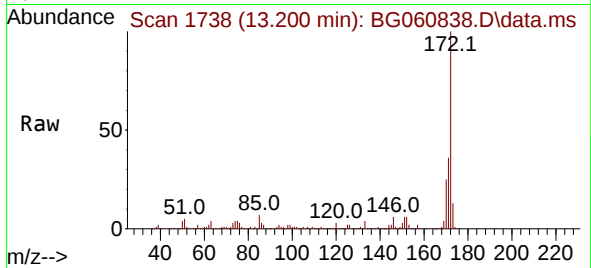




#48
2-Nitroaniline
Concen: 3.340 ng
RT: 13.200 min Scan# 1
Delta R.T. -0.455 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

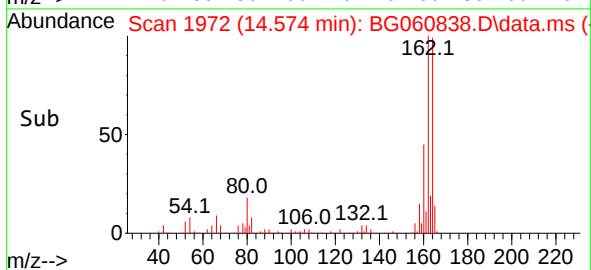
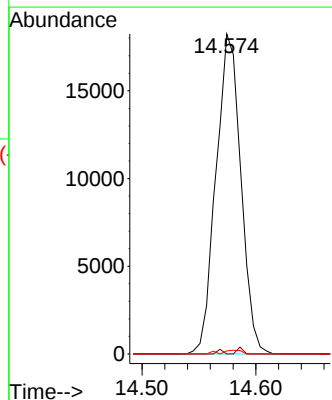
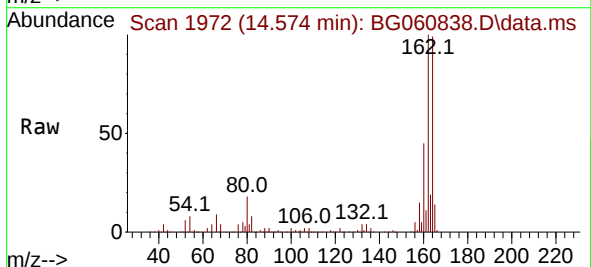
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ClientSampleId :
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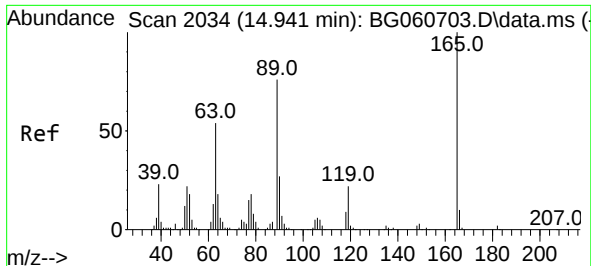
Tgt Ion: 65 Resp: 1884
Ion Ratio Lower Upper
65 100
92 217.3 48.6 72.8#
138 42.3 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.225 ng
RT: 14.574 min Scan# 1972
Delta R.T. 0.414 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Tgt Ion:165 Resp: 27744
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.9 46.1 69.1#





#57

2,4-Dinitrotoluene

Concen: 10.278 ng

RT: 14.574 min Scan# 14

Delta R.T. -0.367 min

Lab File: BG060838.D

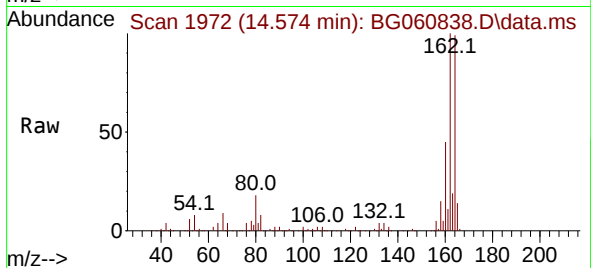
Acq: 9 Apr 2024 10:11

Instrument :

BNA_G

ClientSampleId :

PB160074BL



Tgt Ion:165 Resp: 27744

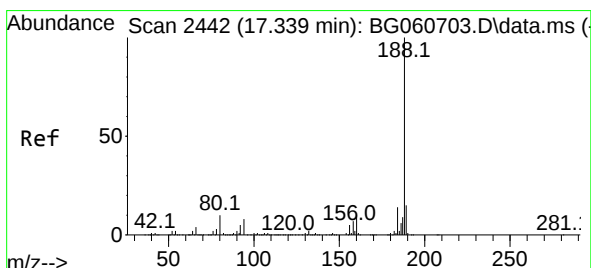
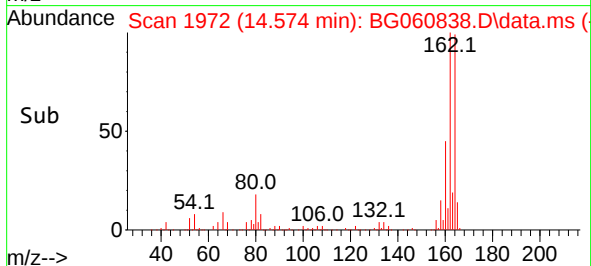
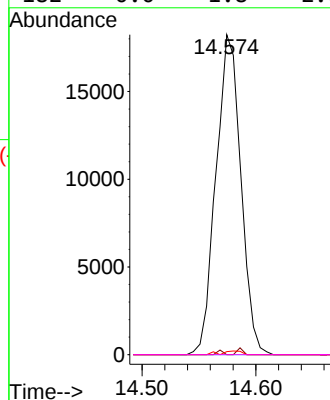
Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

89 0.9 61.0 91.6#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 2440

Delta R.T. -0.015 min

Lab File: BG060838.D

Acq: 9 Apr 2024 10:11

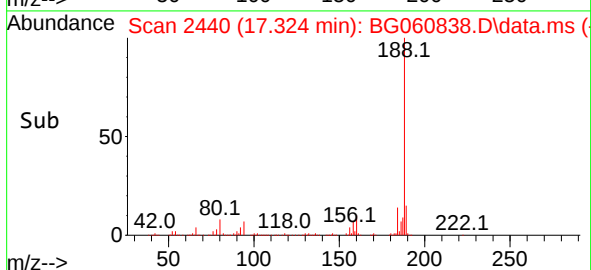
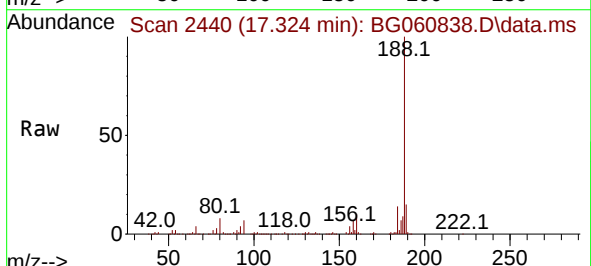
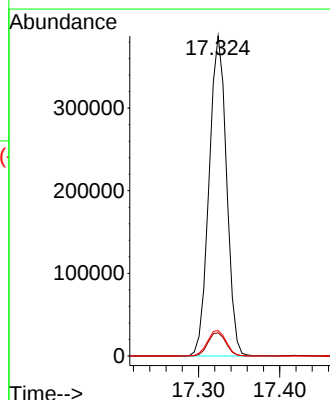
Tgt Ion:188 Resp: 576865

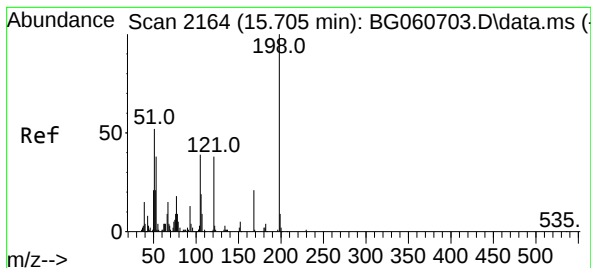
Ion Ratio Lower Upper

188 100

94 7.2 6.6 9.8

80 8.0 7.6 11.4

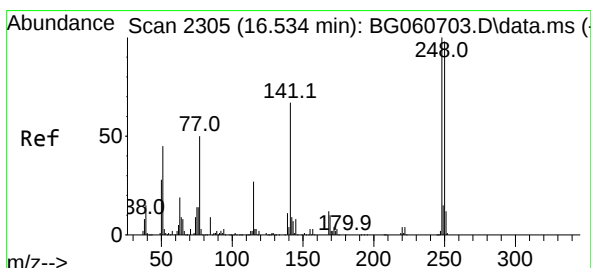
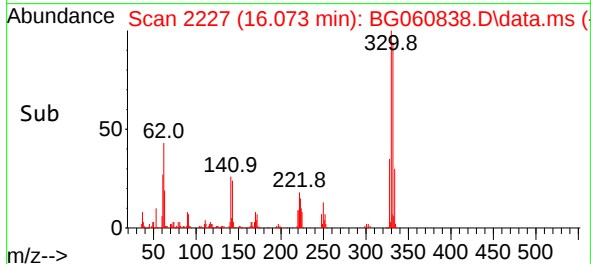
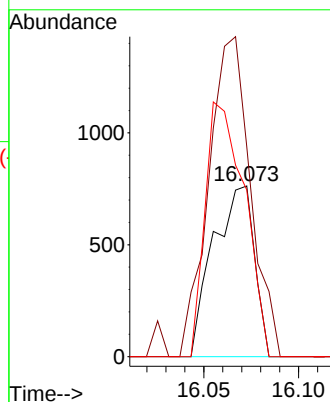
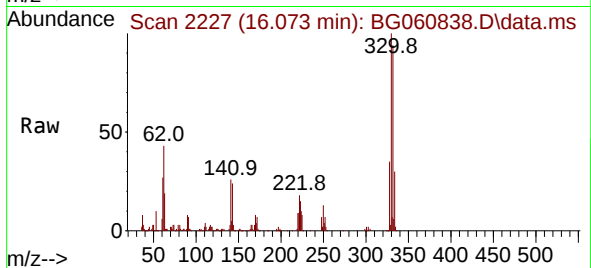




#65
4,6-Dinitro-2-methylphenol
Concen: 7.444 ng
RT: 16.073 min Scan# 2164
Delta R.T. 0.368 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

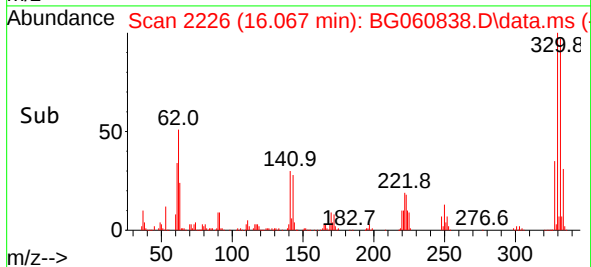
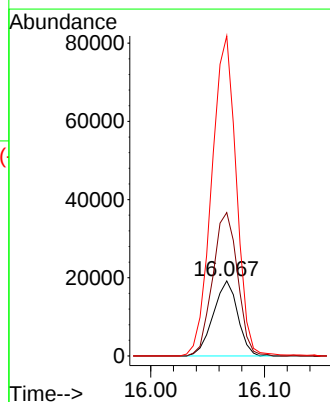
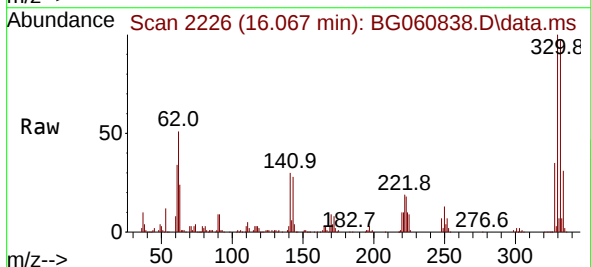
Instrument :
BNA_G
ClientSampleId :
PB160074BL

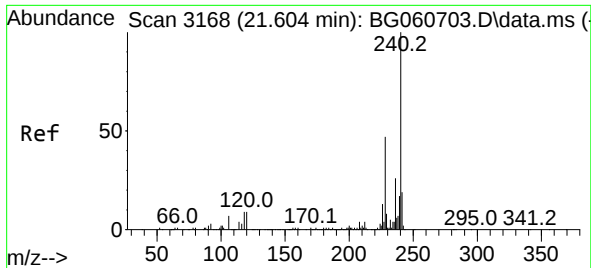
Tgt Ion:198 Resp: 1145
Ion Ratio Lower Upper
198 100
51 123.1 36.7 76.7#
105 97.6 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.913 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.467 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Tgt Ion:248 Resp: 28765
Ion Ratio Lower Upper
248 100
250 191.3 78.3 117.5#
141 426.8 53.7 80.5#

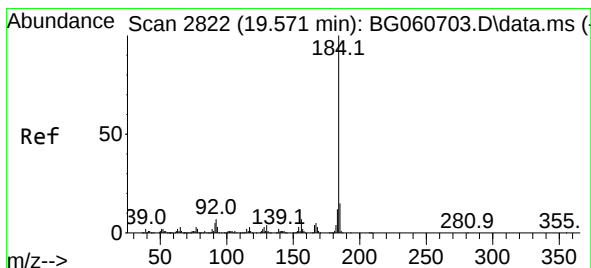
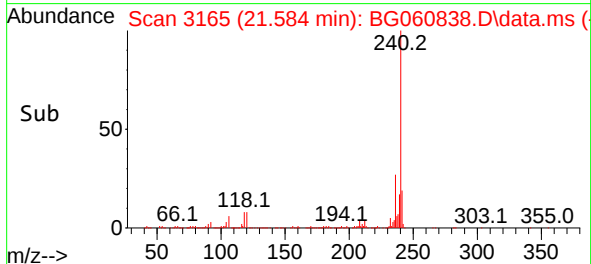
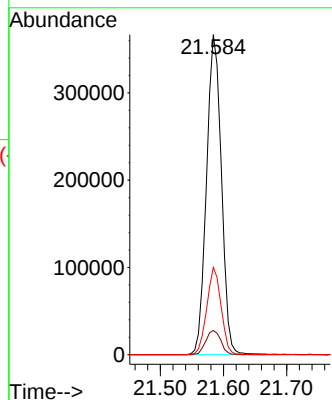
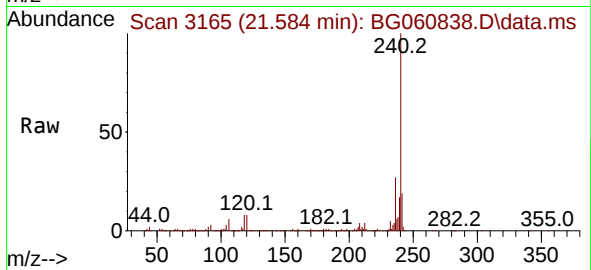




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. -0.020 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

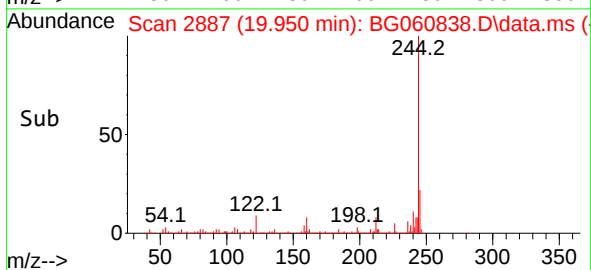
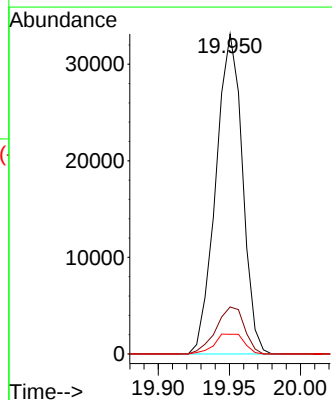
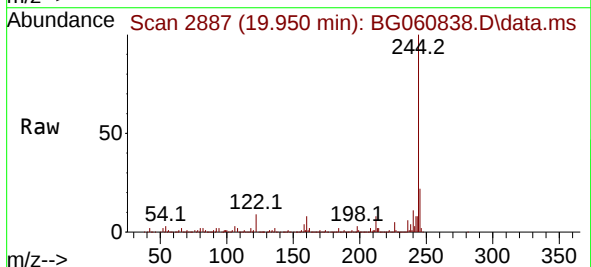
Instrument :
BNA_G
ClientSampleId :
PB160074BL

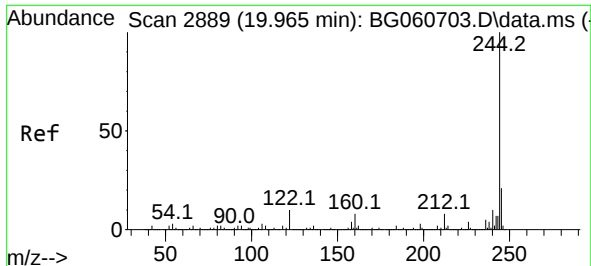
Tgt Ion:240 Resp: 599173
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 27.2 20.7 31.1



#77
Benzidine
Concen: 2.729 ng
RT: 19.950 min Scan# 2887
Delta R.T. 0.379 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

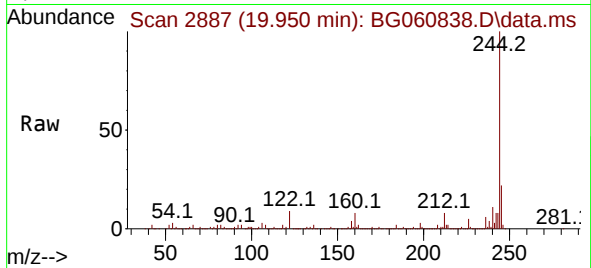
Tgt Ion:184 Resp: 43060
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 6.2 9.5 14.3#



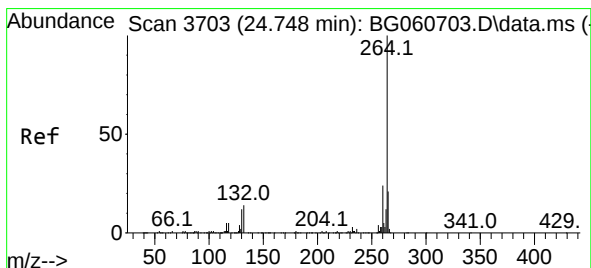
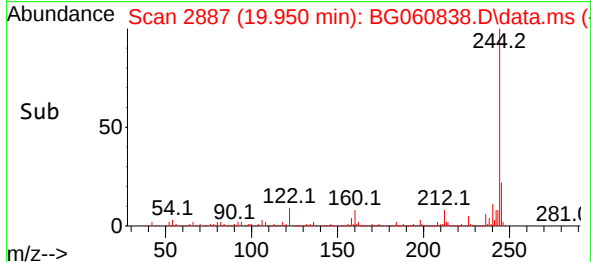
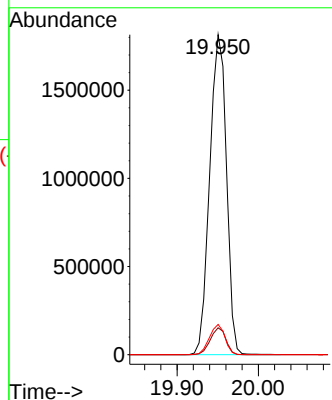


#79
Terphenyl-d14
Concen: 76.247 ng
RT: 19.950 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Instrument :
BNA_G
ClientSampleId :
PB160074BL



Tgt Ion:244 Resp: 2594509
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.2
122 9.5 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.715 min Scan# 3698
Delta R.T. -0.032 min
Lab File: BG060838.D
Acq: 9 Apr 2024 10:11

Tgt Ion:264 Resp: 678818
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 22.0 16.9 25.3

