

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060843.D
 Acq On : 9 Apr 2024 14:48
 Operator : MA/JU
 Sample : P2008-03RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404RE

Quant Time: Apr 09 15:34:15 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)

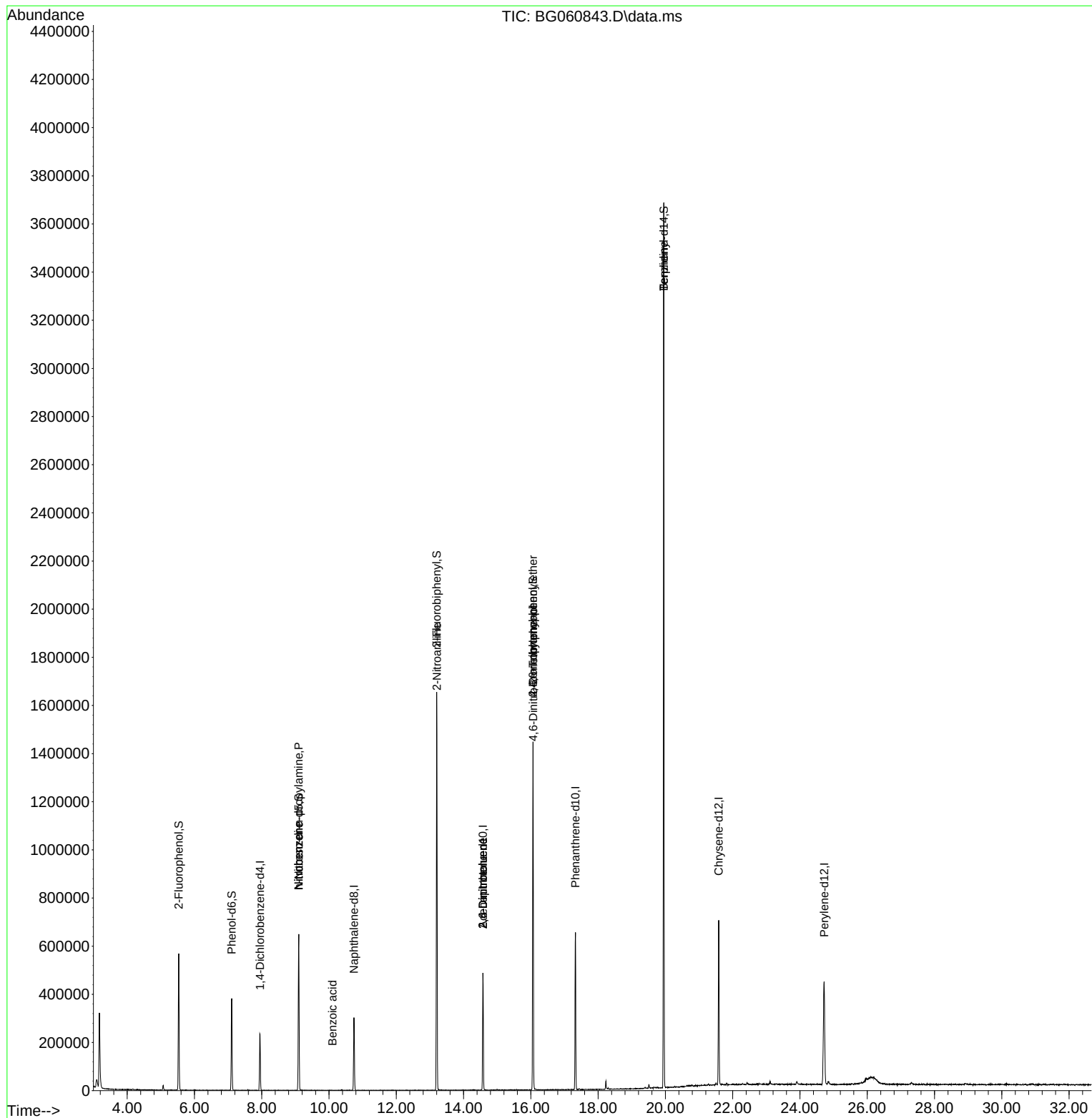
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	63279	20.000	ng	-0.01
21) Naphthalene-d8	10.740	136	243141	20.000	ng	-0.02
39) Acenaphthene-d10	14.576	164	180829	20.000	ng	-0.01
64) Phenanthrene-d10	17.326	188	410454	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	398215	20.000	ng	-0.02
86) Perylene-d12	24.717	264	461945	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	231075	60.833	ng	0.00
7) Phenol-d6	7.109	99	194559	34.506	ng	0.00
23) Nitrobenzene-d5	9.100	82	343320	80.572	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	283941	138.325	ng	-0.01
45) 2-Fluorobiphenyl	13.202	172	846165	68.676	ng	-0.02
79) Terphenyl-d14	19.952	244	1839533	81.341	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.100	70	46457	10.804	ng	# 72
24) Nitrobenzene	9.100	77	1500	3.071	ng	# 32
32) Benzoic acid	10.105	122	68	6.858	ng	# 1
48) 2-Nitroaniline	13.207	65	1479	3.287	ng	# 16
51) 2,6-Dinitrotoluene	14.576	165	23629	12.055	ng	# 19
57) 2,4-Dinitrotoluene	14.576	165	23629	10.143	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.069	198	771	7.422	ng	# 1
67) 4-Bromophenyl-phenylether	16.063	248	19001	4.561	ng	# 1
77) Benzidine	19.952	184	28839	2.750	ng	# 89

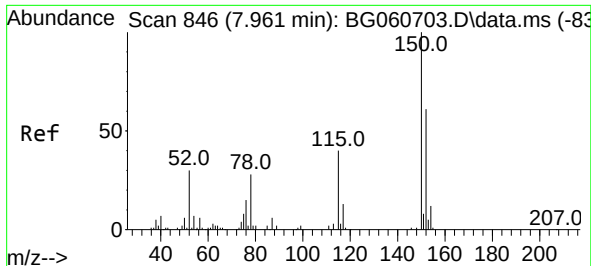
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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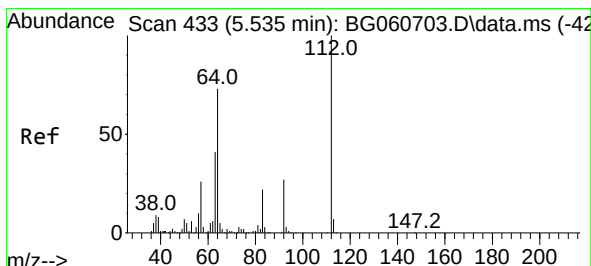
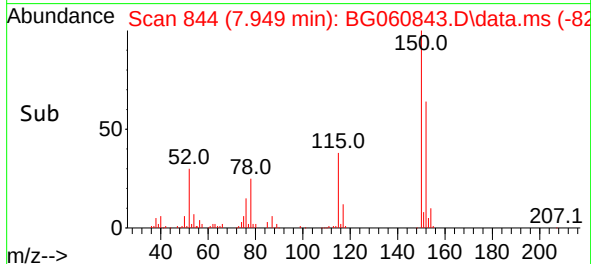
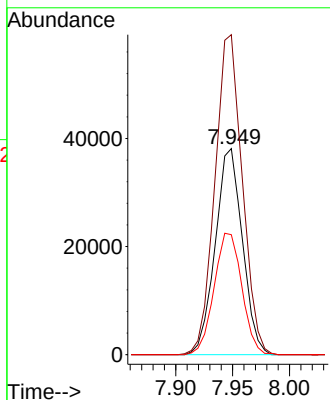
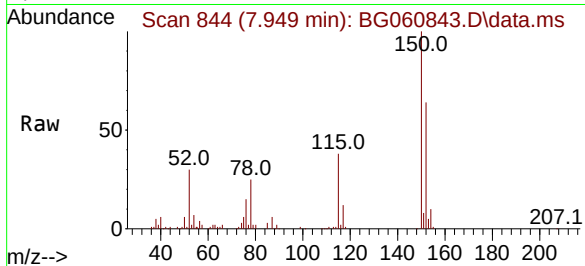




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.949 min Scan# 846
Delta R.T. -0.012 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

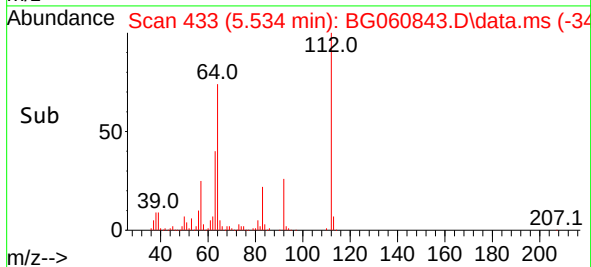
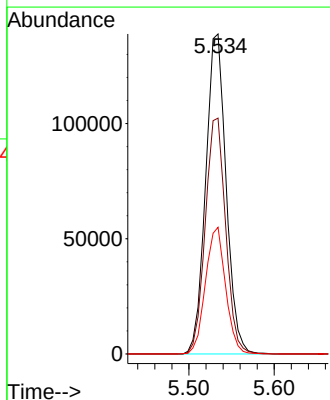
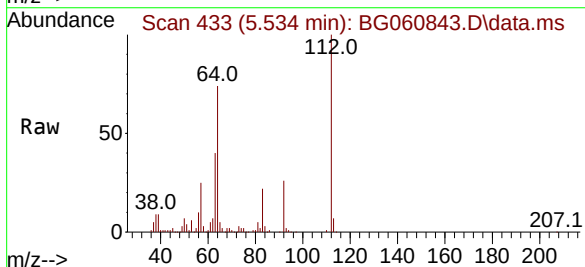
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

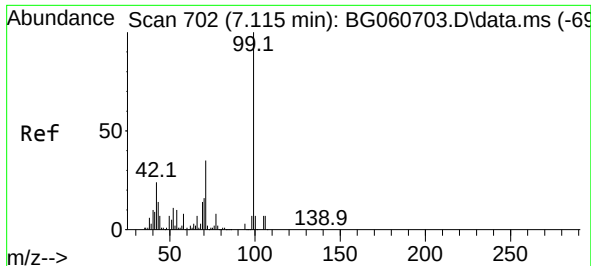
Tgt Ion:152 Resp: 63279
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.4
115 58.2 51.6 77.4



#5
2-Fluorophenol
Concen: 60.833 ng
RT: 5.534 min Scan# 433
Delta R.T. -0.001 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion:112 Resp: 231075
Ion Ratio Lower Upper
112 100
64 73.7 58.4 87.6
63 39.6 32.7 49.1

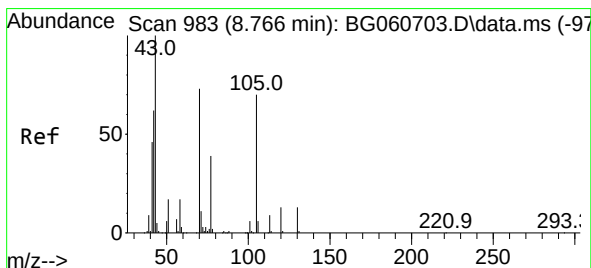
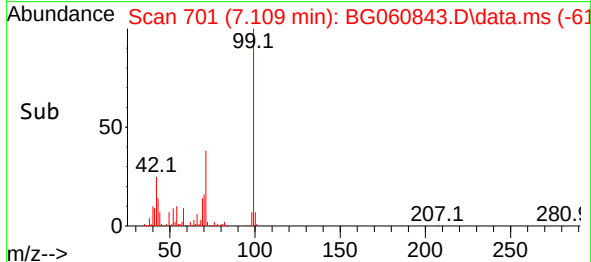
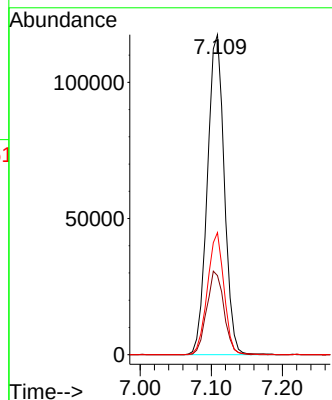
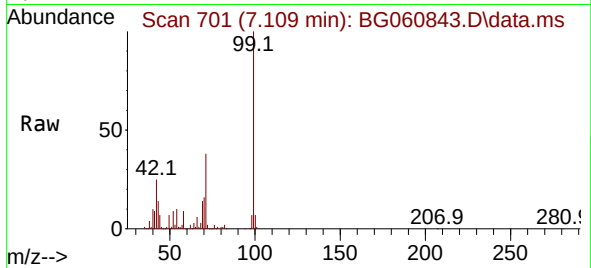




#7
Phenol-d6
Concen: 34.506 ng
RT: 7.109 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

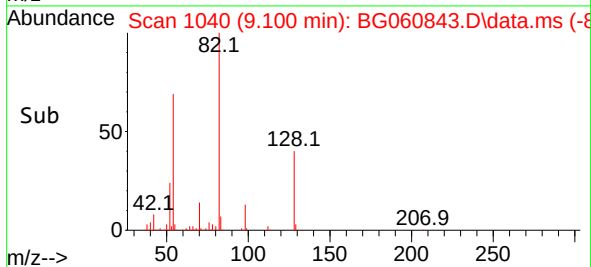
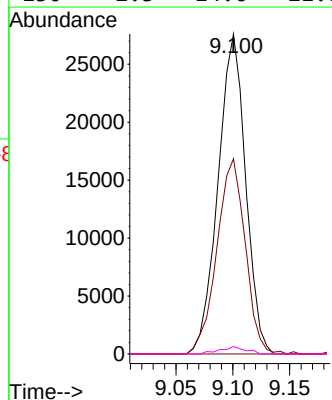
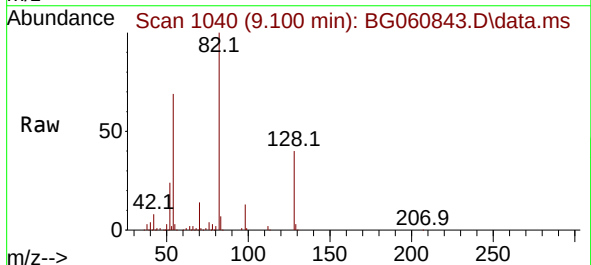
Instrument :
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ClientSampleId :
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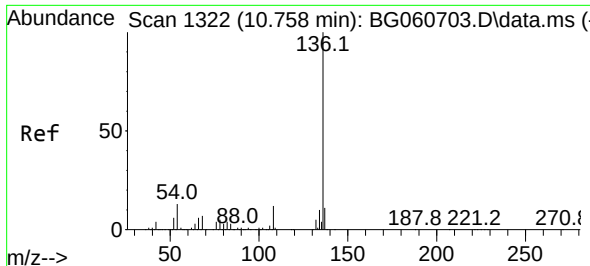
Tgt Ion: 99 Resp: 194559
Ion Ratio Lower Upper
99 100
42 24.7 19.4 29.2
71 38.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.804 ng
RT: 9.100 min Scan# 1040
Delta R.T. 0.334 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion: 70 Resp: 46457
Ion Ratio Lower Upper
70 100
42 61.0 68.4 102.6#
101 0.0 6.1 9.1#
130 2.3 14.6 21.8#

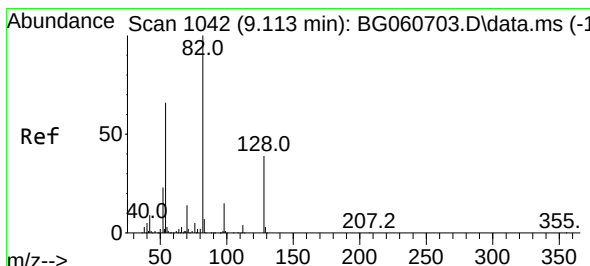
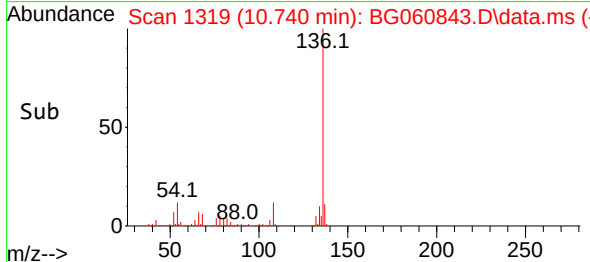
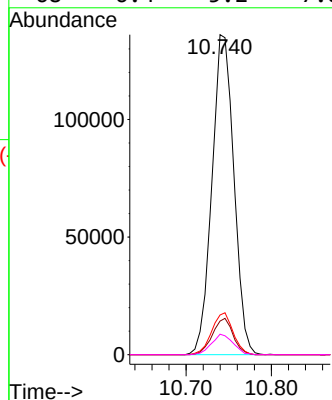
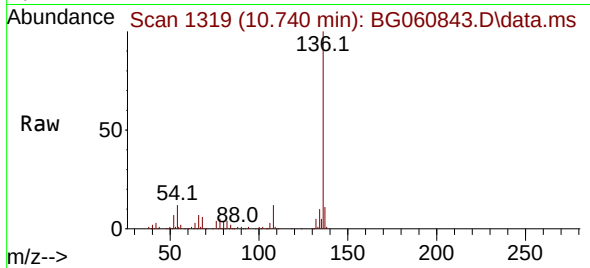




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

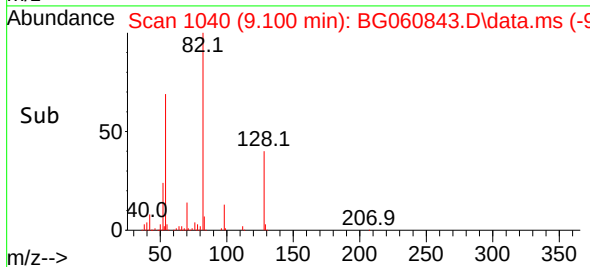
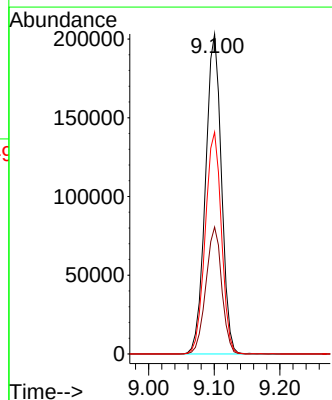
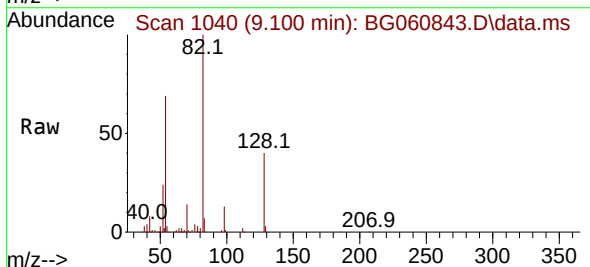
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

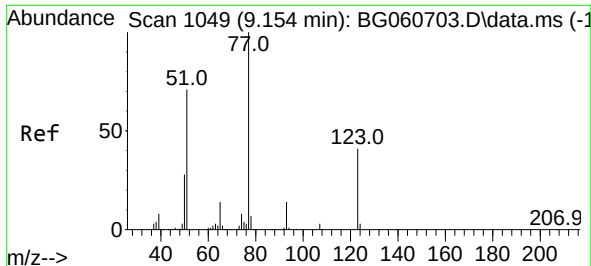
Tgt Ion:	136	Resp:	243141
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	12.4	10.2	15.2
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 80.572 ng
RT: 9.100 min Scan# 1040
Delta R.T. -0.013 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion:	82	Resp:	343320
Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.2	46.8
54	69.3	53.2	79.8

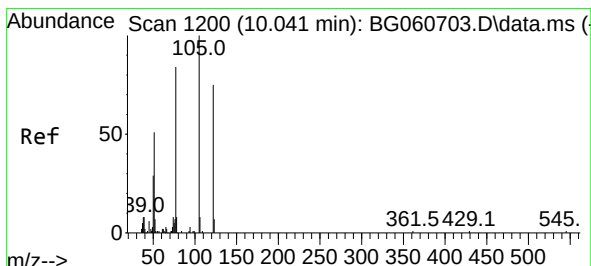
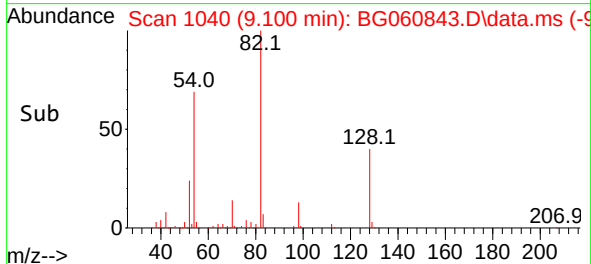
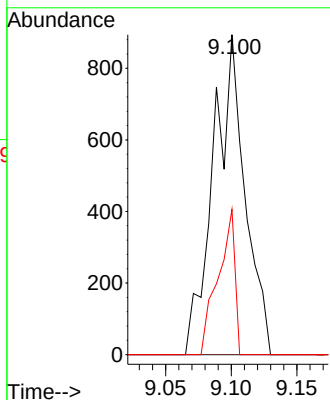
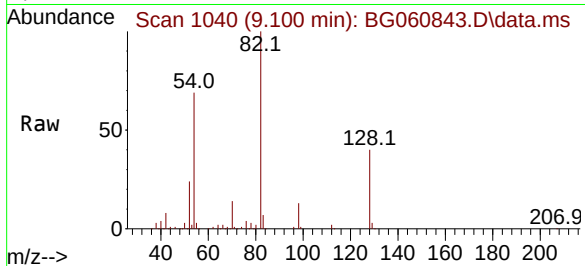




#24
Nitrobenzene
Concen: 3.071 ng
RT: 9.100 min Scan# 11
Delta R.T. -0.054 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

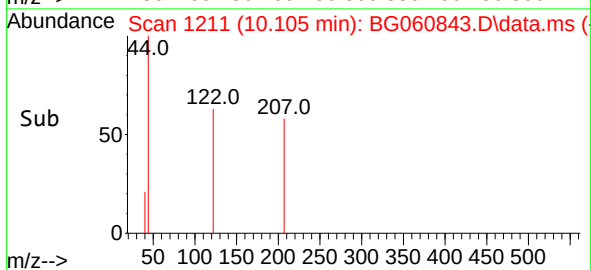
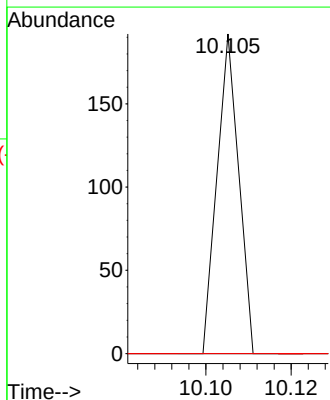
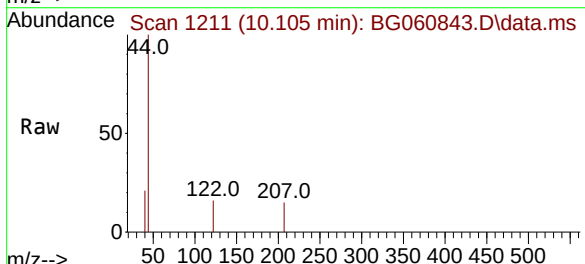
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

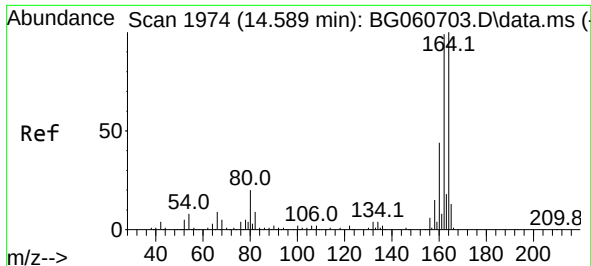
Tgt Ion: 77 Resp: 1500
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 45.4 11.3 16.9#



#32
Benzoic acid
Concen: 6.858 ng
RT: 10.105 min Scan# 1211
Delta R.T. 0.064 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion: 122 Resp: 68
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: 14.576 min Scan# 1974

Delta R.T. -0.013 min

Lab File: BG060843.D

Acq: 9 Apr 2024 14:48

Instrument :

BNA_G

ClientSampleId :

SP-303-20240404RE

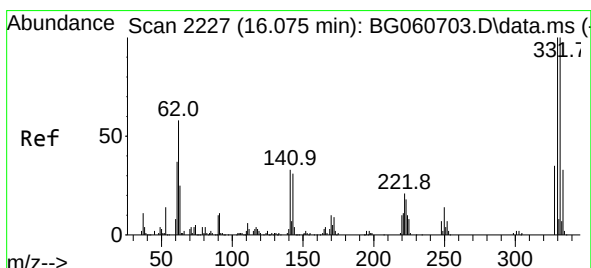
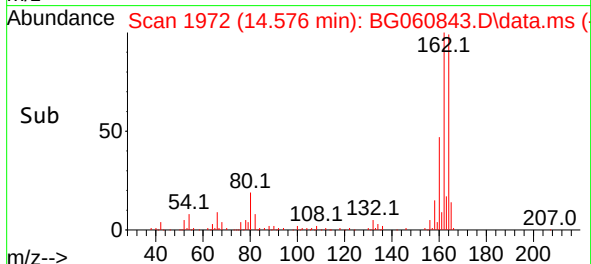
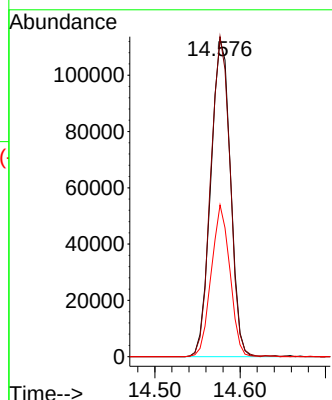
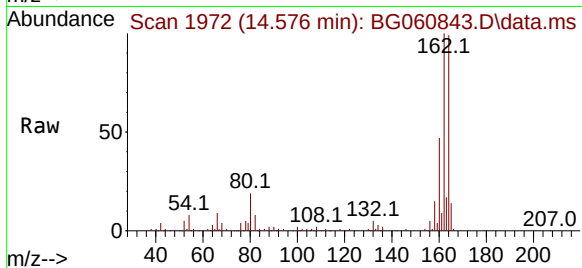
Tgt Ion:164 Resp: 180829

Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

160 47.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 138.325 ng

RT: 16.063 min Scan# 2225

Delta R.T. -0.013 min

Lab File: BG060843.D

Acq: 9 Apr 2024 14:48

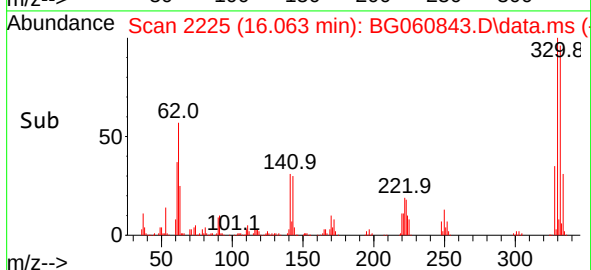
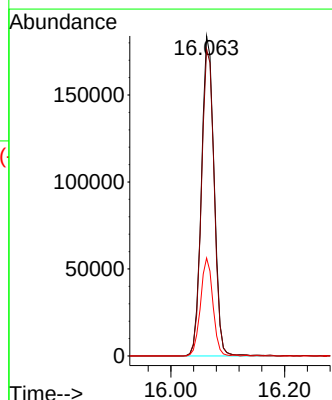
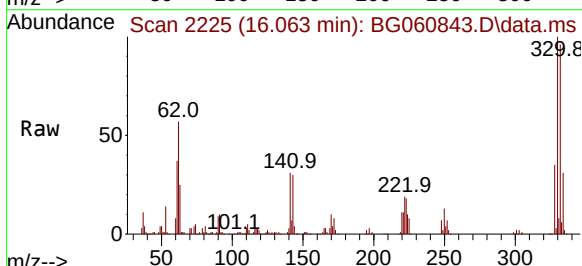
Tgt Ion:330 Resp: 283941

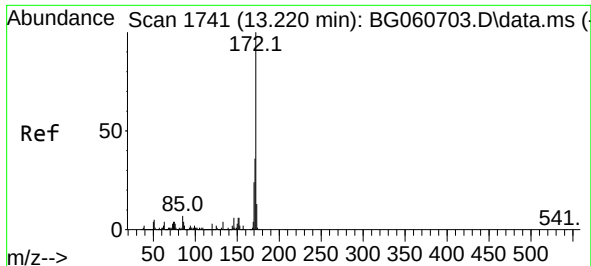
Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.4

141 30.0 27.0 40.6

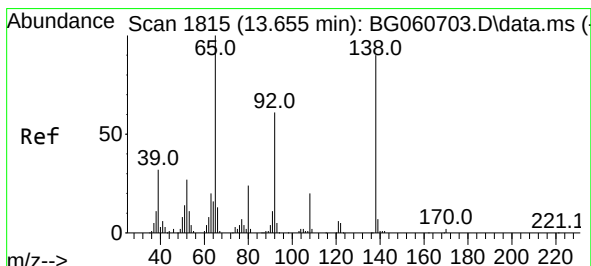
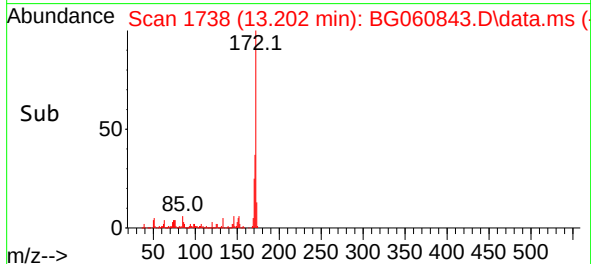
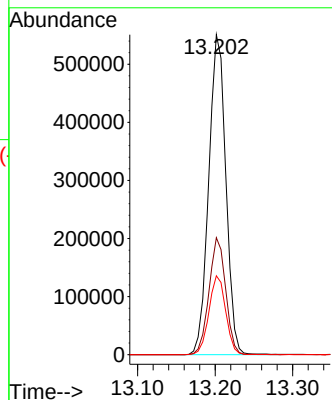
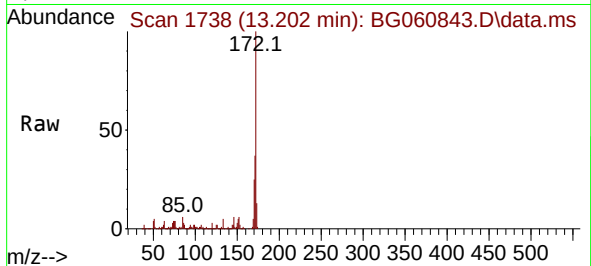




#45
2-Fluorobiphenyl
Concen: 68.676 ng
RT: 13.202 min Scan# 1738
Delta R.T. -0.018 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

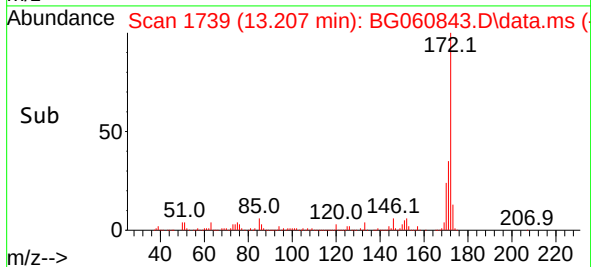
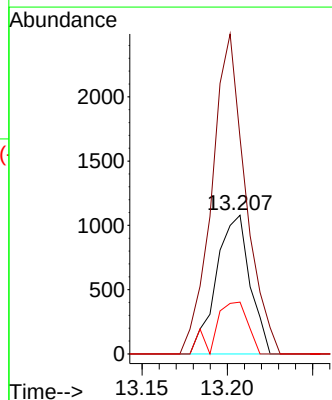
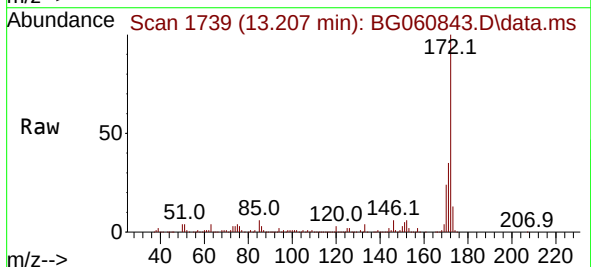
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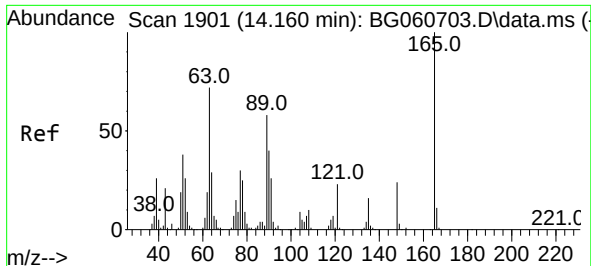
Tgt Ion:172 Resp: 846165
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.7 19.4 29.0



#48
2-Nitroaniline
Concen: 3.287 ng
RT: 13.207 min Scan# 1739
Delta R.T. -0.448 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion: 65 Resp: 1479
Ion Ratio Lower Upper
65 100
92 155.7 48.6 72.8#
138 37.3 72.2 108.4#

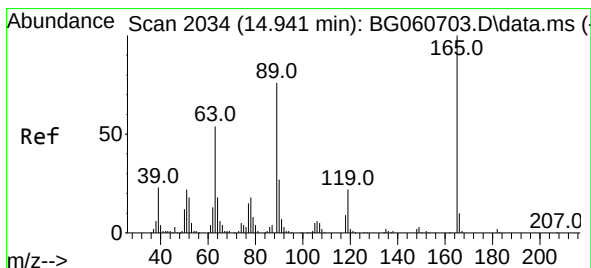
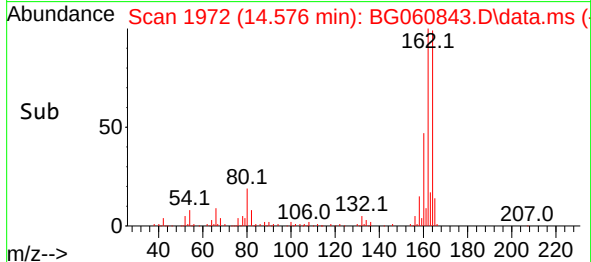
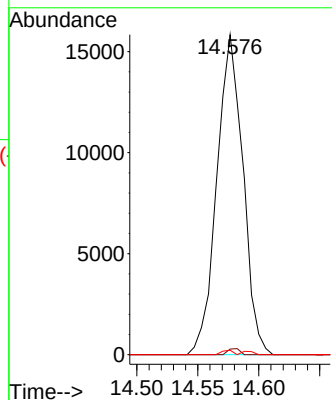
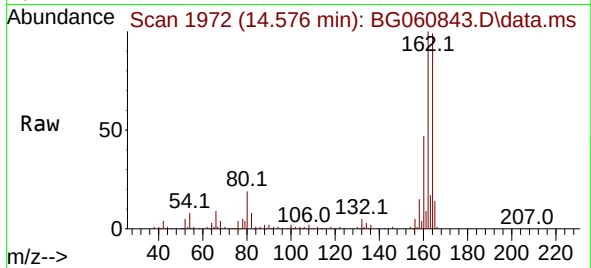




#51
2,6-Dinitrotoluene
Concen: 12.055 ng
RT: 14.576 min Scan# 1901
Delta R.T. 0.416 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

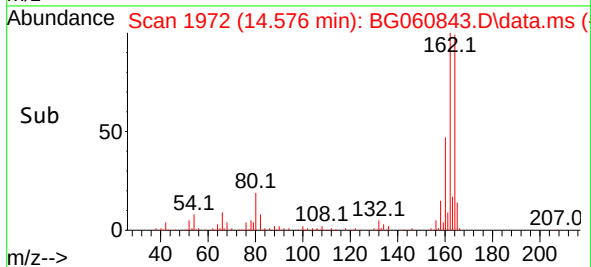
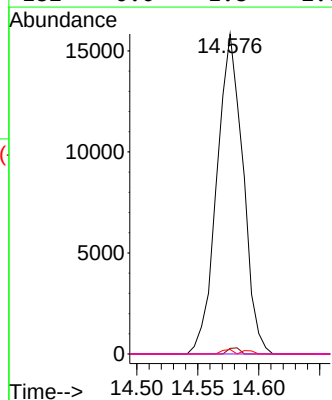
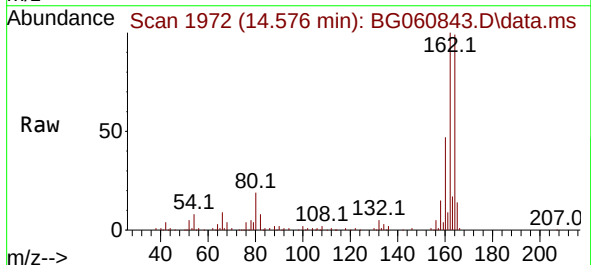
Instrument :
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SP-303-20240404RE

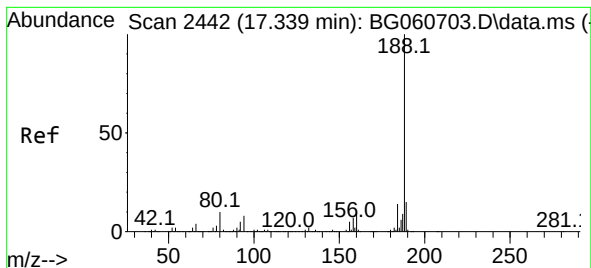
Tgt Ion:165 Resp: 23629
Ion Ratio Lower Upper
165 100
63 1.7 58.2 87.4#
89 1.4 46.1 69.1#



#57
2,4-Dinitrotoluene
Concen: 10.143 ng
RT: 14.576 min Scan# 1972
Delta R.T. -0.365 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion:165 Resp: 23629
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 1.4 61.0 91.6#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.326 min Scan# 2442

Delta R.T. -0.013 min

Lab File: BG060843.D

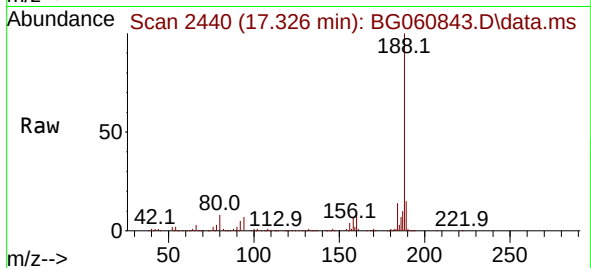
Acq: 9 Apr 2024 14:48

Instrument :

BNA_G

ClientSampleId :

SP-303-20240404RE



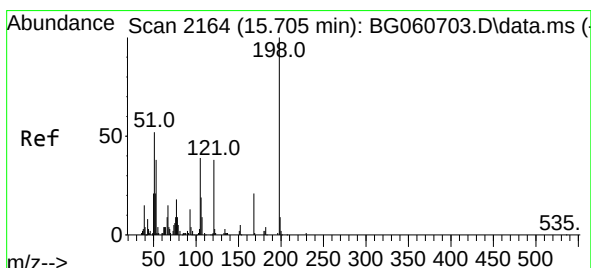
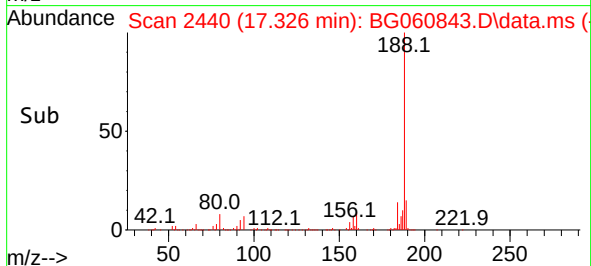
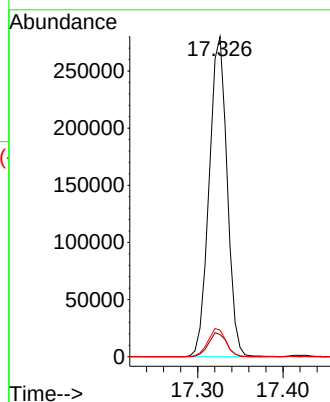
Tgt Ion:188 Resp: 410454

Ion Ratio Lower Upper

188 100

94 6.9 6.6 9.8

80 8.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 7.422 ng

RT: 16.069 min Scan# 2226

Delta R.T. 0.364 min

Lab File: BG060843.D

Acq: 9 Apr 2024 14:48

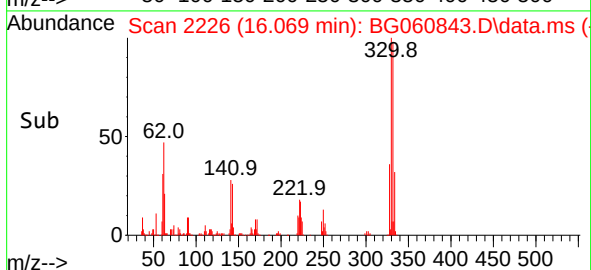
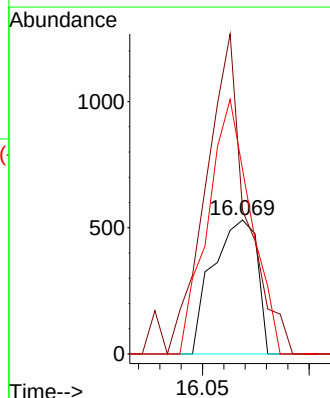
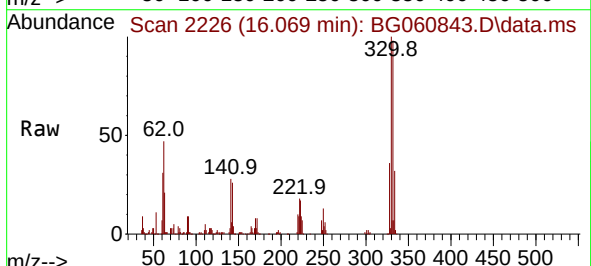
Tgt Ion:198 Resp: 771

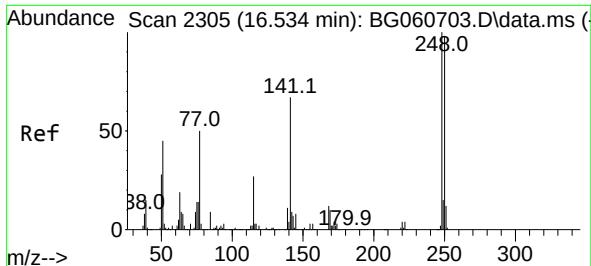
Ion Ratio Lower Upper

198 100

51 107.0 36.7 76.7#

105 137.5 19.1 59.1#

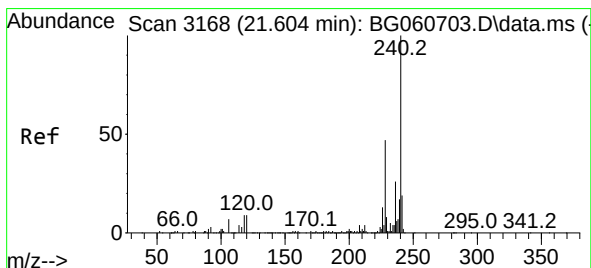
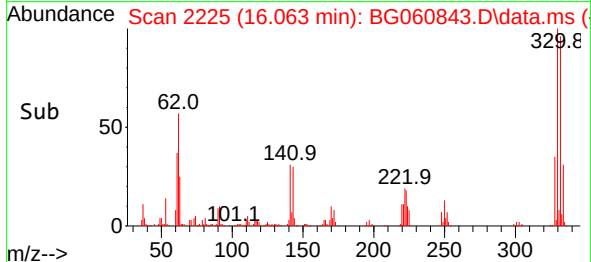
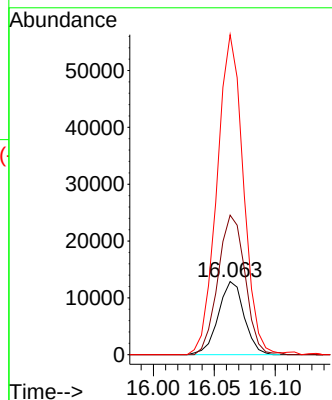
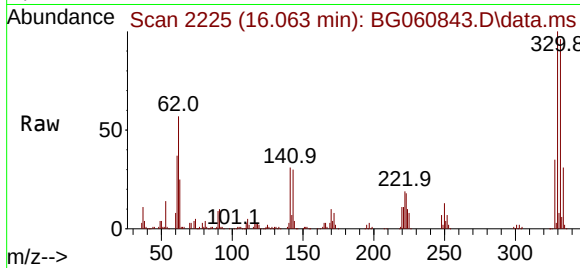




#67
4-Bromophenyl-phenylether
Concen: 4.561 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.471 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

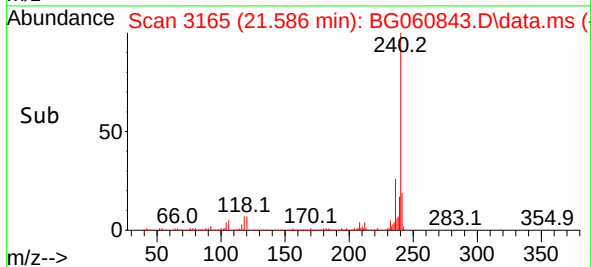
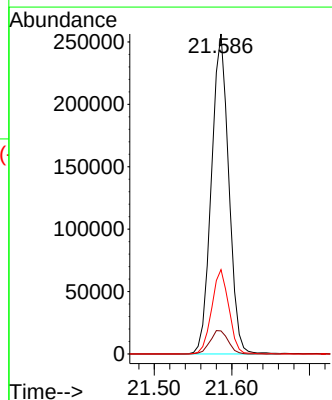
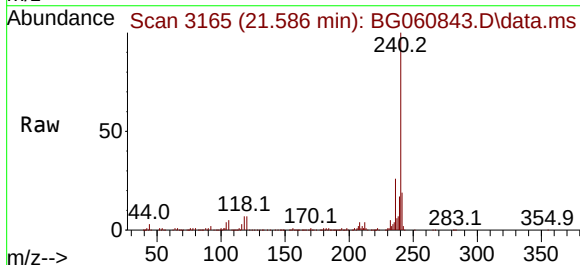
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

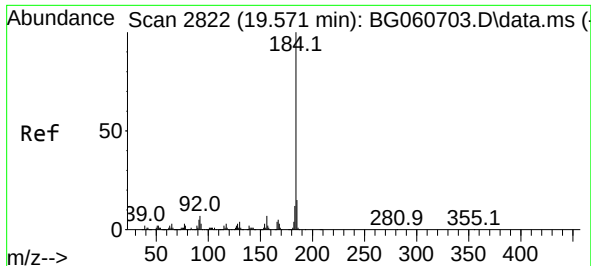
Tgt Ion:248 Resp: 19001
Ion Ratio Lower Upper
248 100
250 190.9 78.3 117.5#
141 438.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion:240 Resp: 398215
Ion Ratio Lower Upper
240 100
120 7.2 7.1 10.7
236 26.3 20.7 31.1

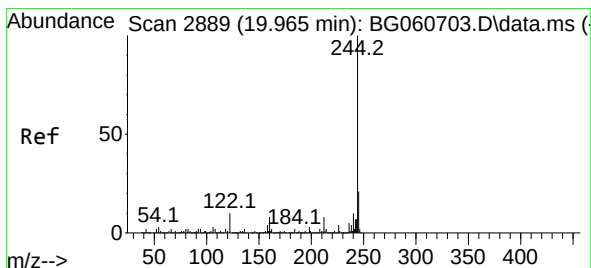
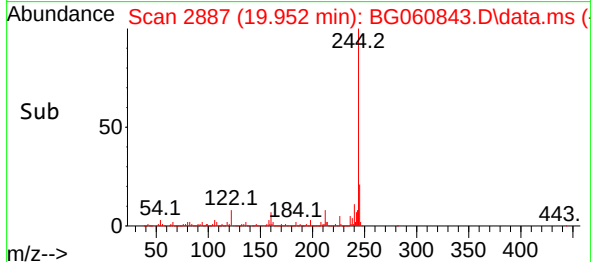
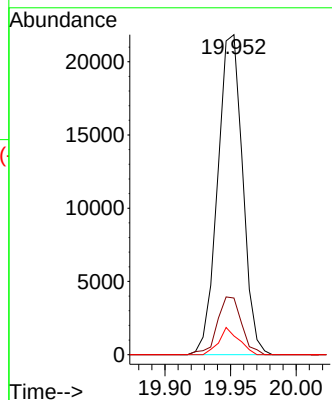
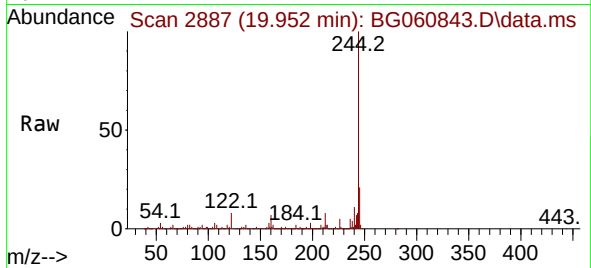




#77
Benzidine
Concen: 2.750 ng
RT: 19.952 min Scan# 2887
Delta R.T. 0.381 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

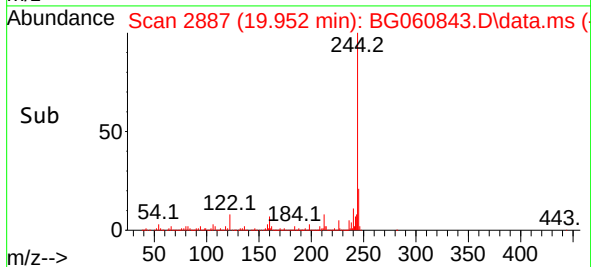
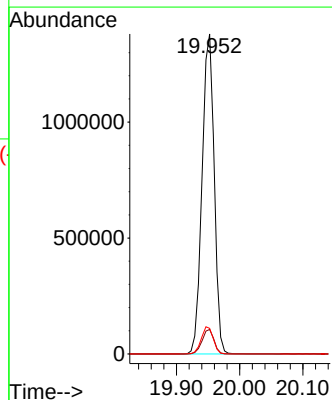
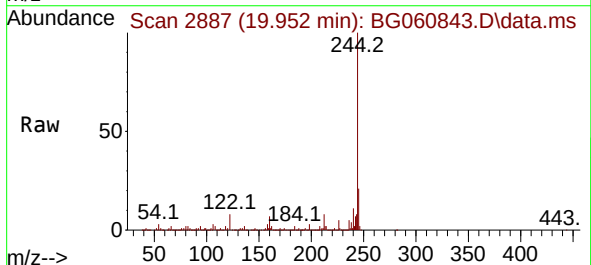
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404RE

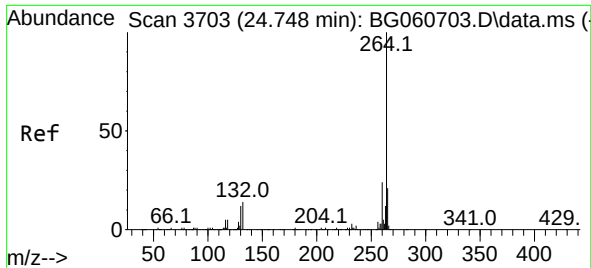
Tgt Ion:184 Resp: 28839
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 5.9 9.5 14.3#



#79
Terphenyl-d14
Concen: 81.341 ng
RT: 19.952 min Scan# 2887
Delta R.T. -0.013 min
Lab File: BG060843.D
Acq: 9 Apr 2024 14:48

Tgt Ion:244 Resp: 1839533
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.0 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.717 min Scan# 30
 Delta R.T. -0.030 min
 Lab File: BG060843.D
 Acq: 9 Apr 2024 14:48

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404RE

Tgt Ion:264 Resp: 461945
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.5 29.3
 265 21.6 16.9 25.3

