

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
 Data File : BG060903.D
 Acq On : 15 Apr 2024 16:25
 Operator : MA/JU
 Sample : P2114-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-041224

Quant Time: Apr 15 17:32:35 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)

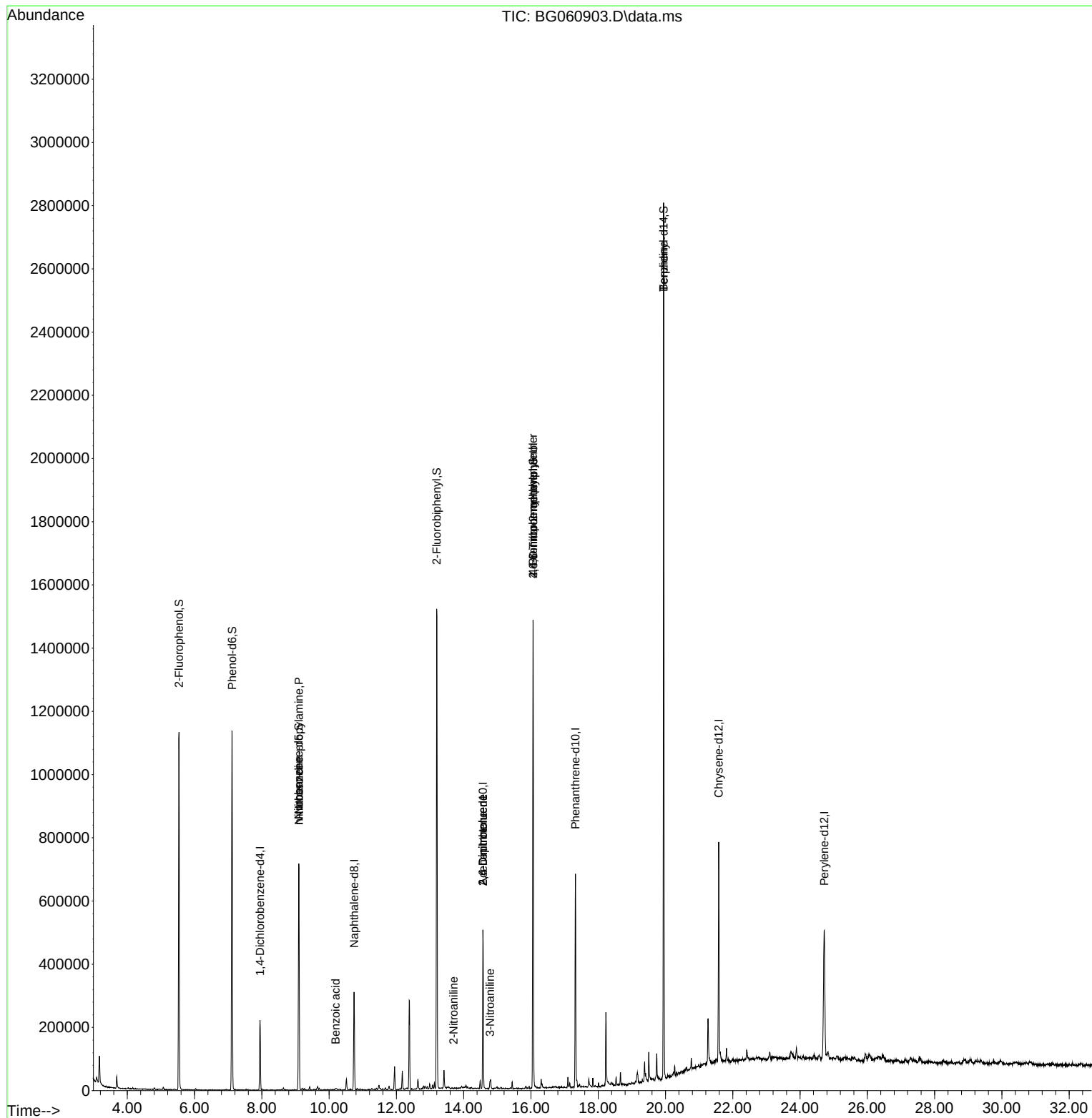
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	59514	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	246526	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	178060	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	420693	20.000	ng	-0.01
76) Chrysene-d12	21.584	240	401340	20.000	ng	-0.02
86) Perylene-d12	24.721	264	468617	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	450584	126.125	ng	0.00
7) Phenol-d6	7.118	99	579807	109.336	ng	0.00
23) Nitrobenzene-d5	9.098	82	389156	90.075	ng	-0.01
42) 2,4,6-Tribromophenol	16.067	330	314673	155.681	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	813865	67.081	ng	-0.02
79) Terphenyl-d14	19.944	244	1432930	62.868	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.104	70	53541	13.240	ng	# 70
24) Nitrobenzene	9.104	77	1362	3.040	ng	# 38
32) Benzoic acid	10.197	122	152	6.885	ng	# 22
48) 2-Nitroaniline	13.699	65	138	2.838	ng	# 11
51) 2,6-Dinitrotoluene	14.574	165	23416	12.110	ng	# 20
53) 3-Nitroaniline	14.786	138	519	3.028	ng	# 1
57) 2,4-Dinitrotoluene	14.574	165	23416	10.187	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.067	198	732	7.394	ng	# 1
67) 4-Bromophenyl-phenylether	16.061	248	21093	4.940	ng	# 1
77) Benzidine	19.944	184	22712	2.149	ng	# 91

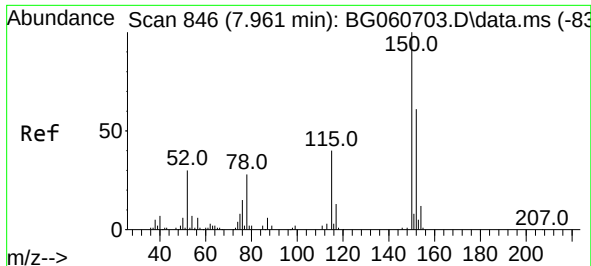
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041524\
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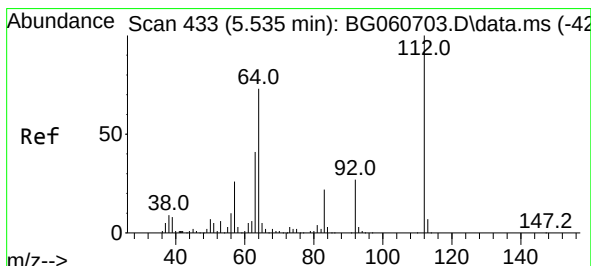
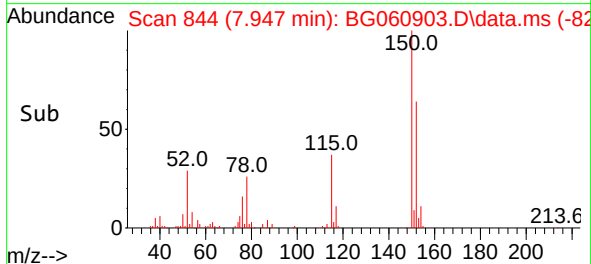
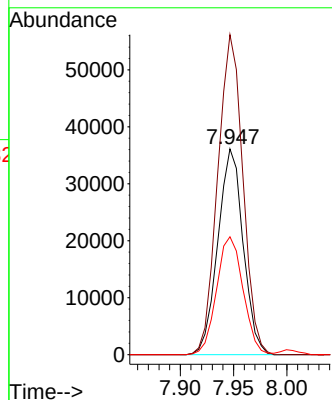
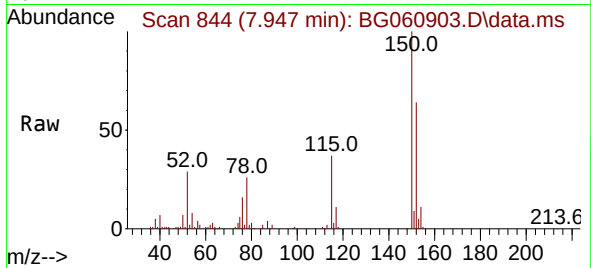




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 846
Delta R.T. -0.014 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

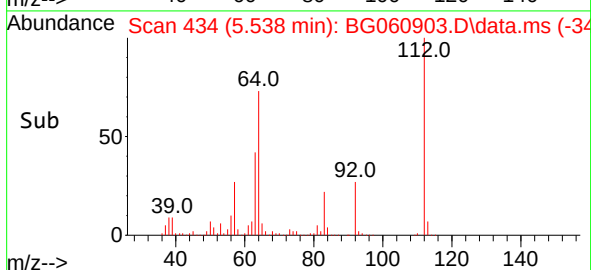
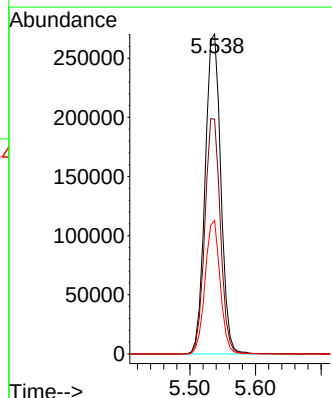
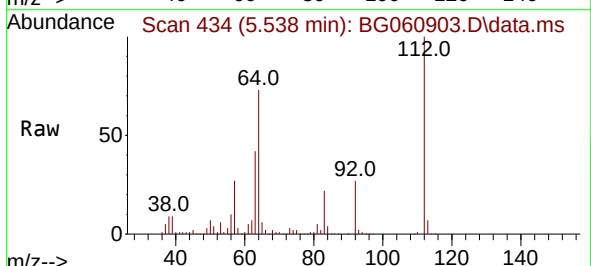
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

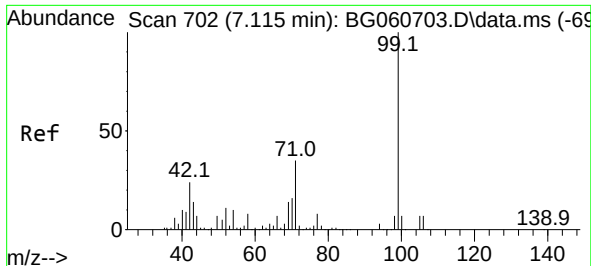
Tgt Ion:152 Resp: 59514
Ion Ratio Lower Upper
152 100
150 155.5 130.2 195.4
115 57.3 51.6 77.4



#5
2-Fluorophenol
Concen: 126.125 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion:112 Resp: 450584
Ion Ratio Lower Upper
112 100
64 73.4 58.4 87.6
63 41.7 32.7 49.1

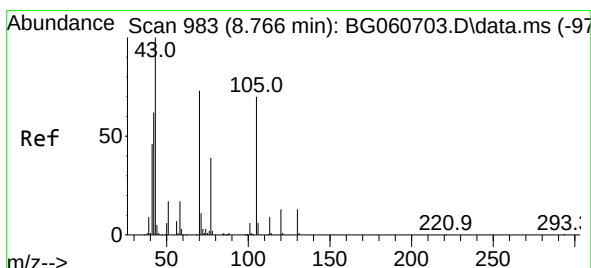
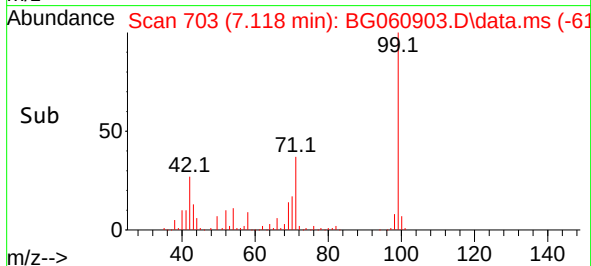
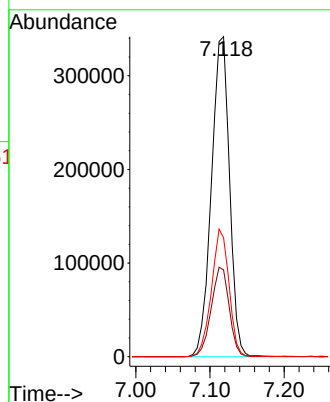
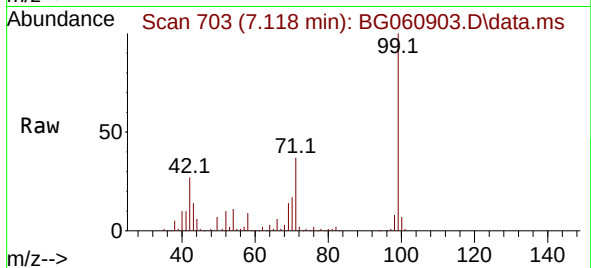




#7
Phenol-d6
Concen: 109.336 ng
RT: 7.118 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

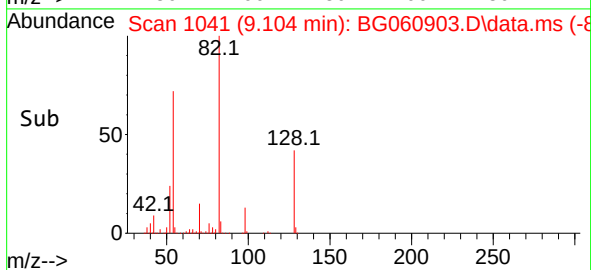
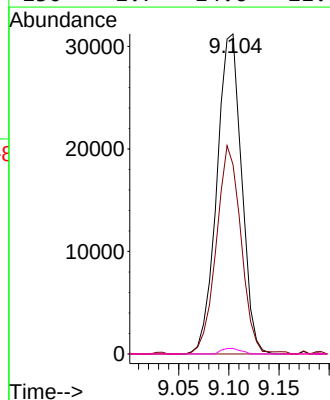
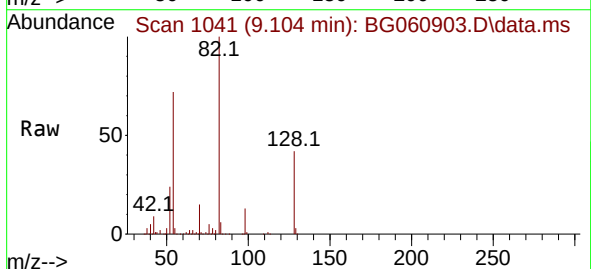
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

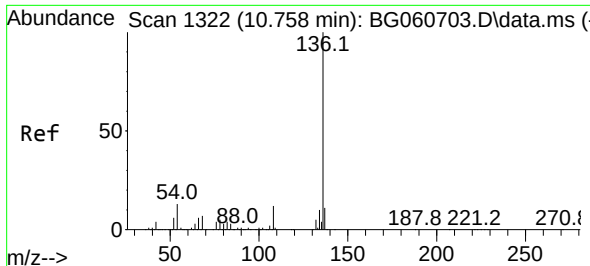
Tgt Ion: 99 Resp: 579807
Ion Ratio Lower Upper
99 100
42 27.1 19.4 29.2
71 37.2 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.240 ng
RT: 9.104 min Scan# 1041
Delta R.T. 0.338 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion: 70 Resp: 53541
Ion Ratio Lower Upper
70 100
42 59.2 68.4 102.6#
101 0.0 6.1 9.1#
130 1.7 14.6 21.8#

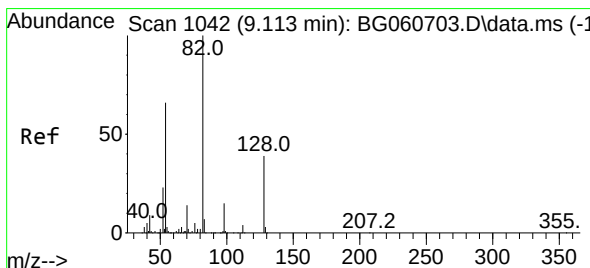
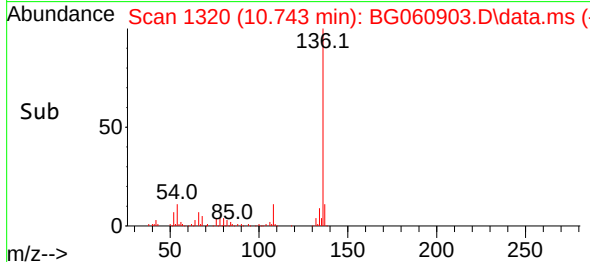
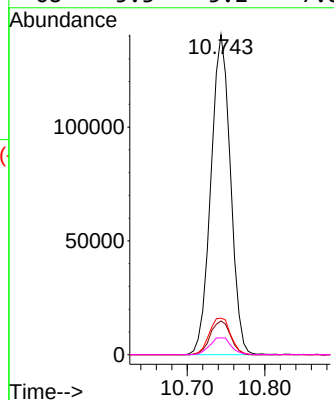
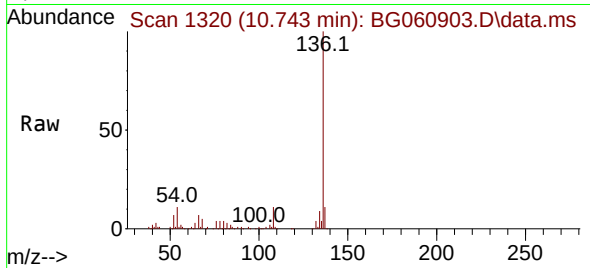




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

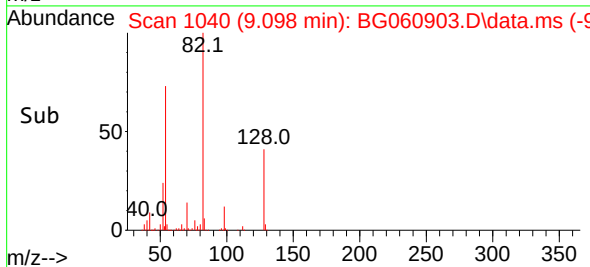
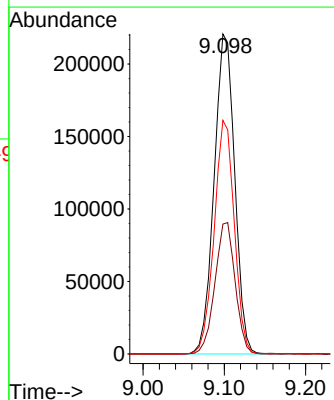
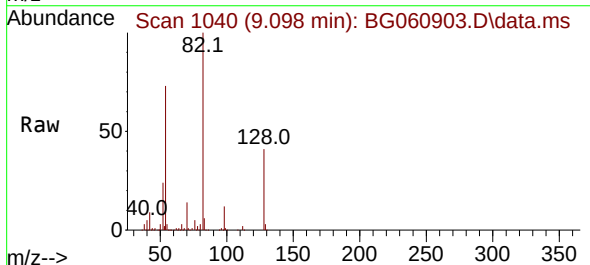
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

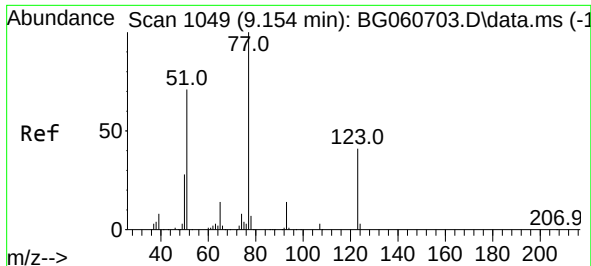
Tgt Ion:136	Resp:	246526	
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.4	10.2	15.2
68	5.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 90.075 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.015 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion: 82	Resp: 389156
Ion Ratio	Lower Upper
82 100	
128 40.6	31.2 46.8
54 73.0	53.2 79.8

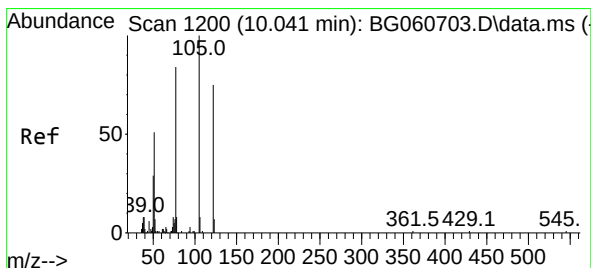
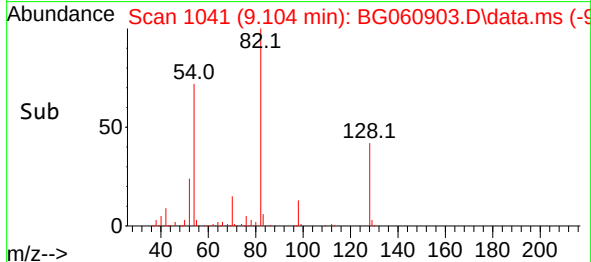
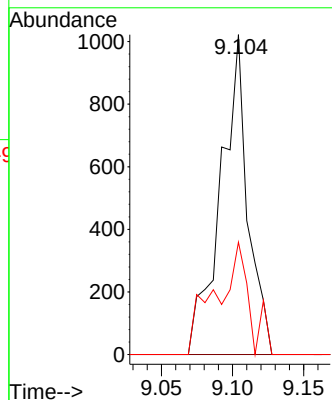
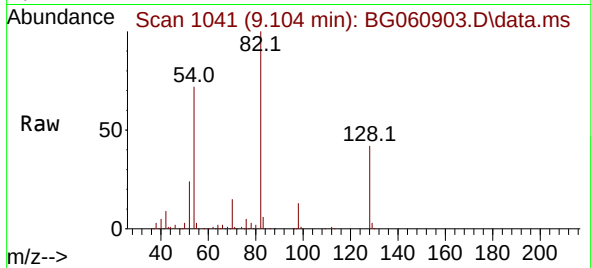




#24
Nitrobenzene
Concen: 3.040 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.050 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

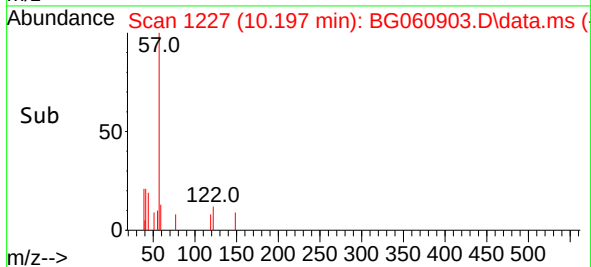
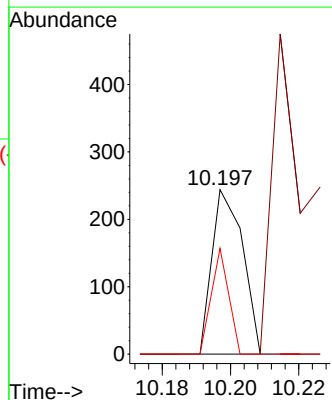
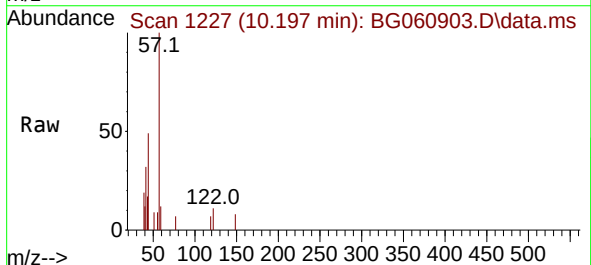
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

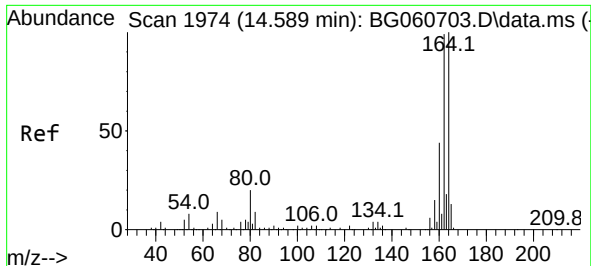
Tgt Ion: 77 Resp: 1362
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 35.1 11.3 16.9#



#32
Benzoic acid
Concen: 6.885 ng
RT: 10.197 min Scan# 1227
Delta R.T. 0.156 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion: 122 Resp: 152
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 64.3 85.3 125.3#

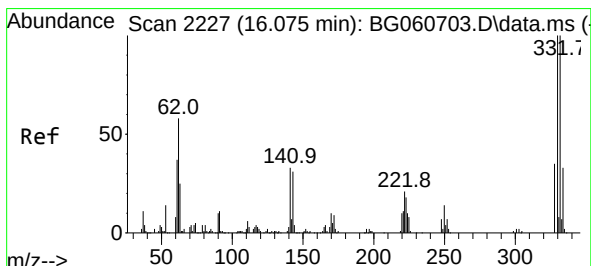
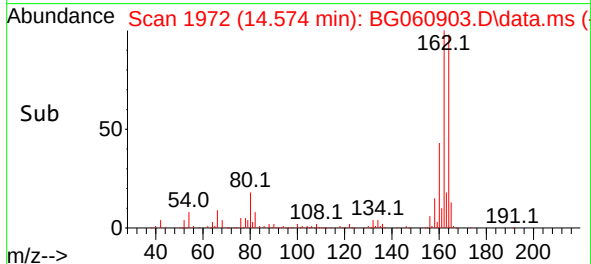
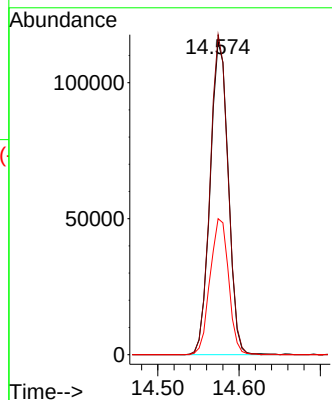
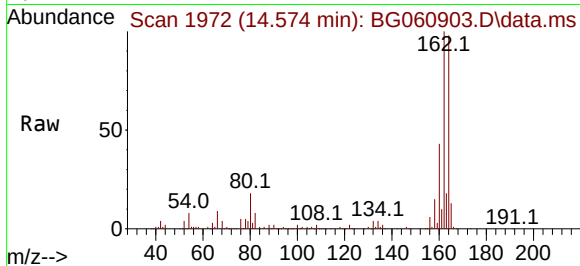




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.015 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

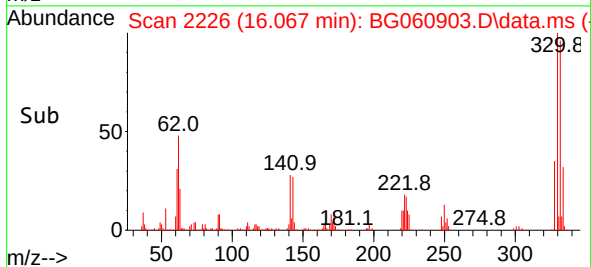
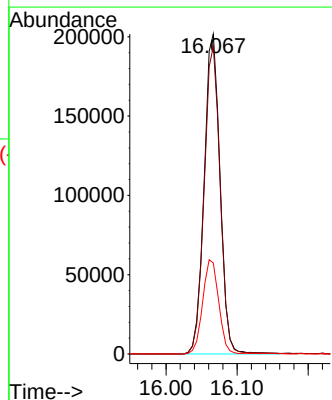
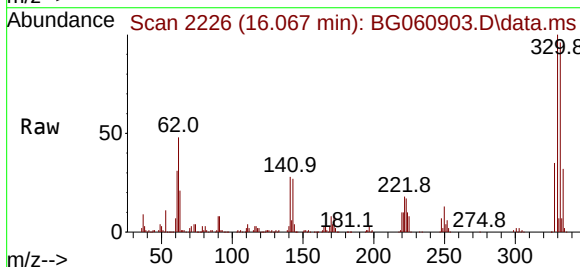
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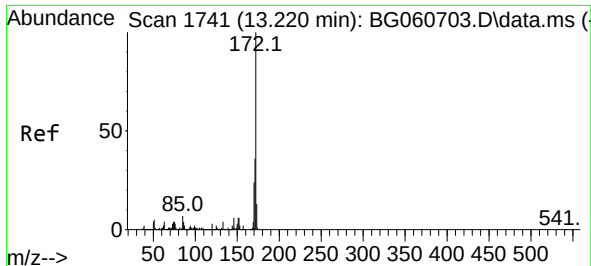
Tgt Ion:164 Resp: 178060
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 43.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 155.681 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.009 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion:330 Resp: 314673
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.4
141 29.6 27.0 40.6

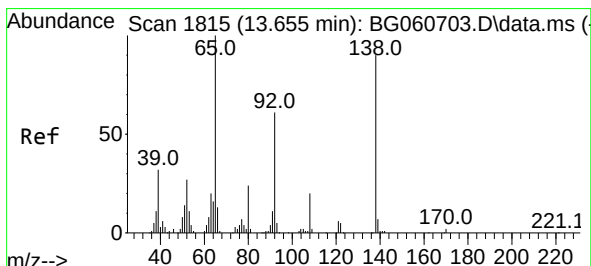
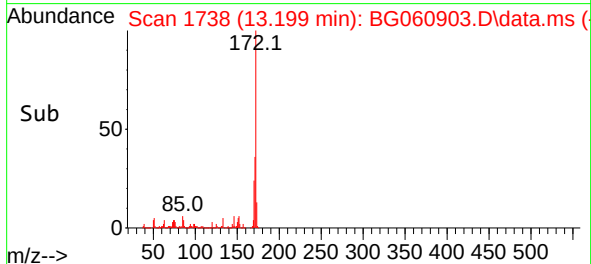
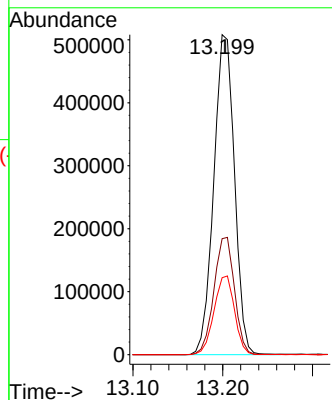
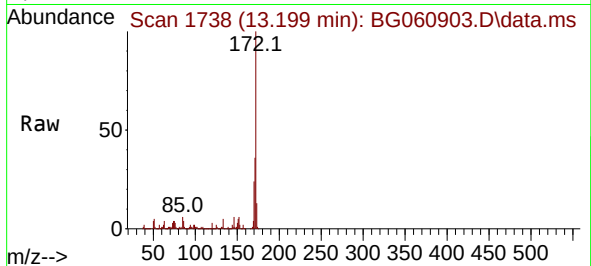




#45
2-Fluorobiphenyl
Concen: 67.081 ng
RT: 13.199 min Scan# 1738
Delta R.T. -0.021 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

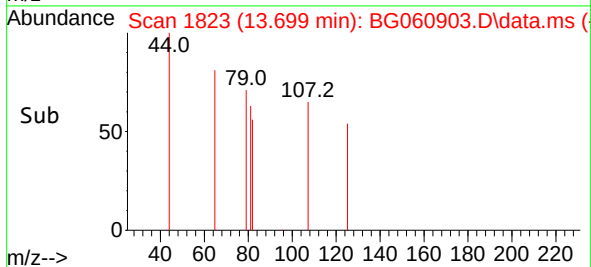
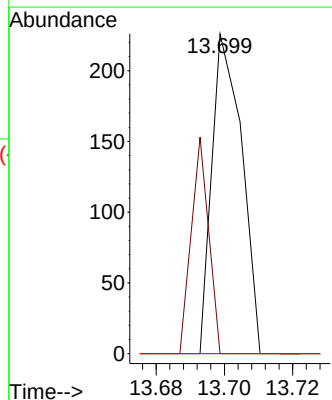
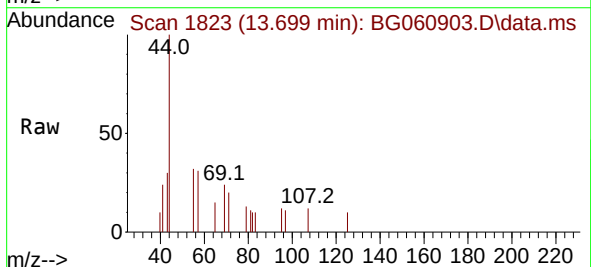
Instrument :
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ClientSampleId :
NB-08-041224

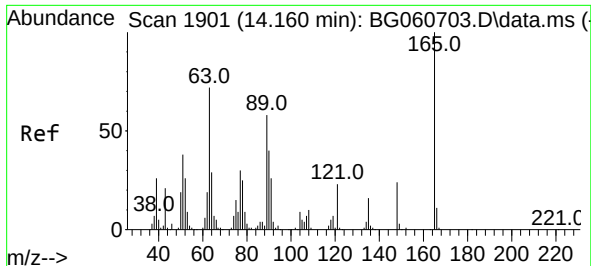
Tgt Ion:172 Resp: 813865
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.1 19.4 29.0



#48
2-Nitroaniline
Concen: 2.838 ng
RT: 13.699 min Scan# 1823
Delta R.T. 0.044 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

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

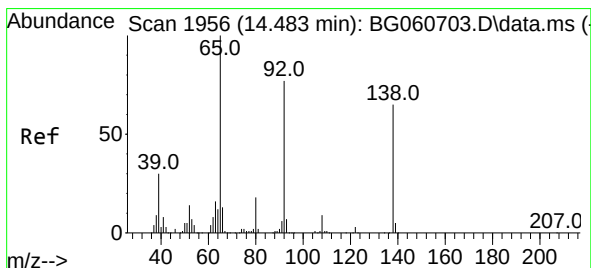
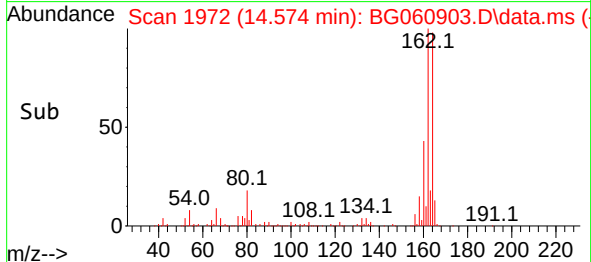
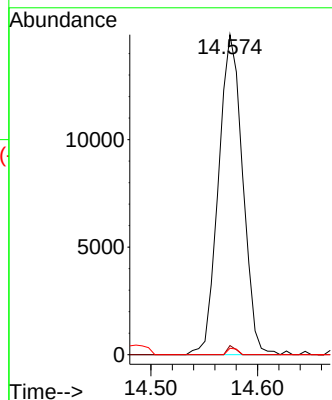
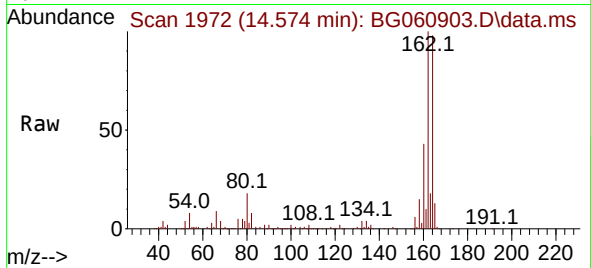




#51
2,6-Dinitrotoluene
Concen: 12.110 ng
RT: 14.574 min Scan# 1901
Delta R.T. 0.414 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

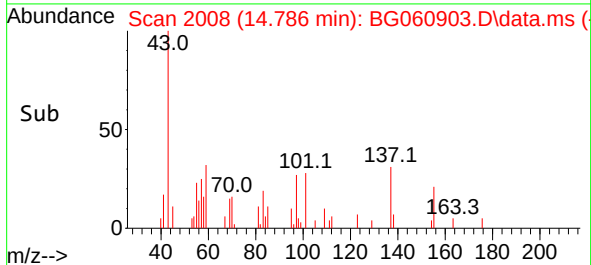
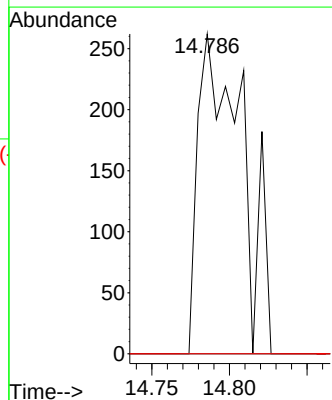
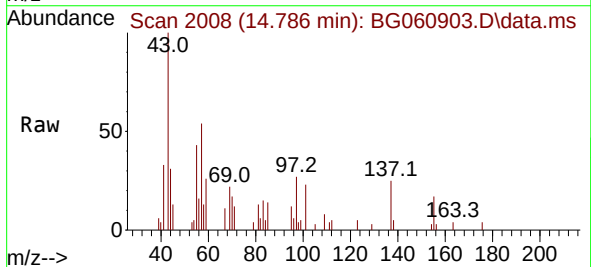
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

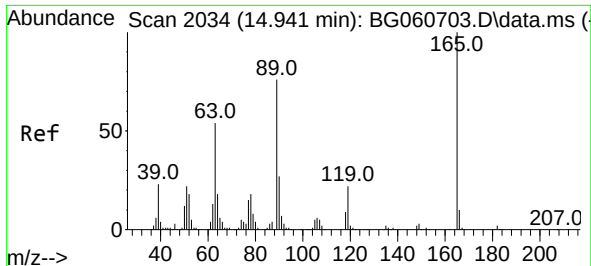
Tgt Ion:165 Resp: 23416
Ion Ratio Lower Upper
165 100
63 2.8 58.2 87.4#
89 2.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 3.028 ng
RT: 14.786 min Scan# 2008
Delta R.T. 0.303 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion:138 Resp: 519
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: 10.187 ng

RT: 14.574 min Scan# 14

Delta R.T. -0.367 min

Lab File: BG060903.D

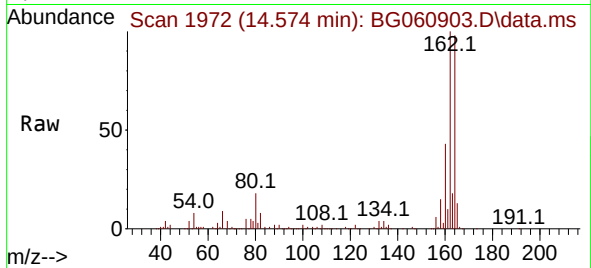
Acq: 15 Apr 2024 16:25

Instrument :

BNA_G

ClientSampleId :

NB-08-041224



Tgt Ion:165 Resp: 23416

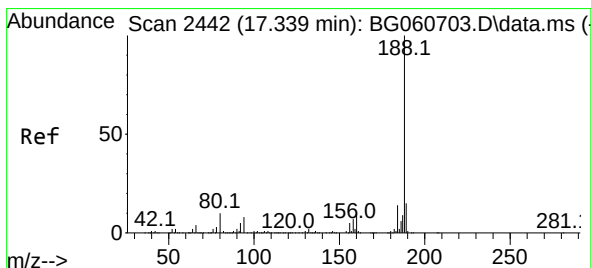
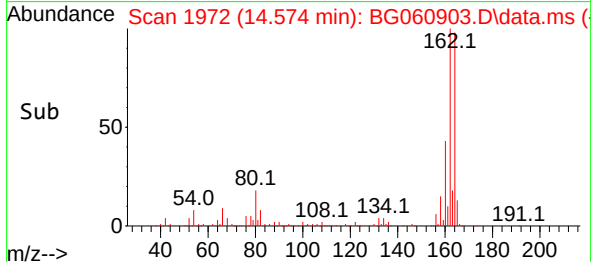
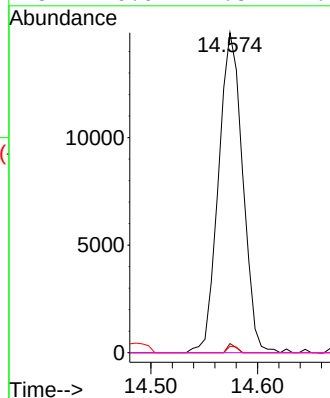
Ion Ratio Lower Upper

165 100

63 2.8 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: 17.324 min Scan# 2440

Delta R.T. -0.015 min

Lab File: BG060903.D

Acq: 15 Apr 2024 16:25

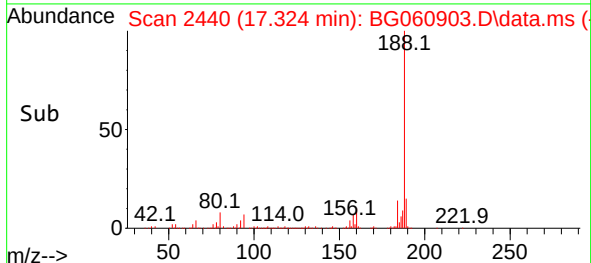
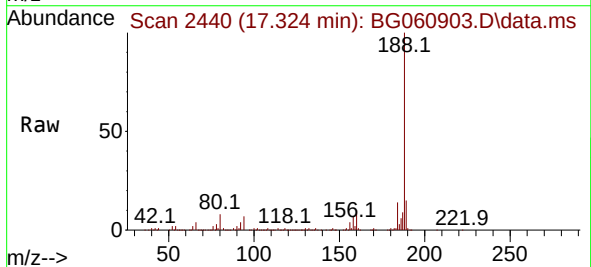
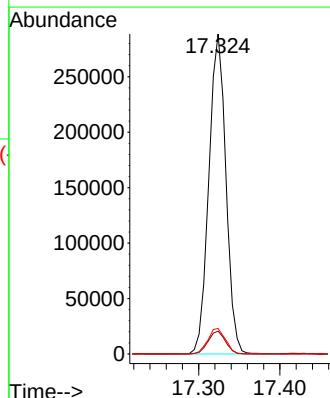
Tgt Ion:188 Resp: 420693

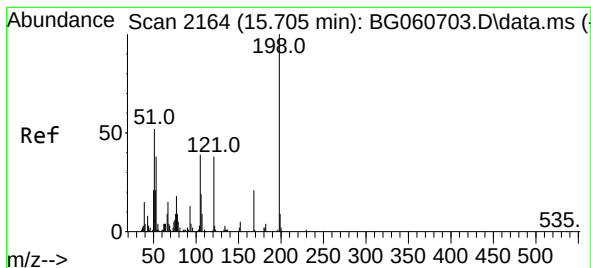
Ion Ratio Lower Upper

188 100

94 7.2 6.6 9.8

80 7.9 7.6 11.4

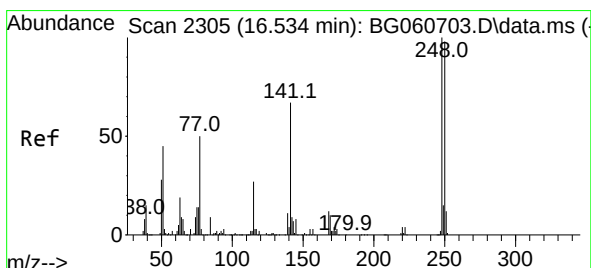
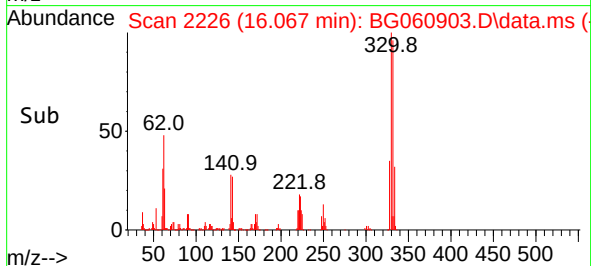
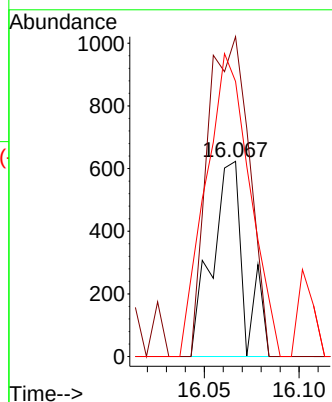
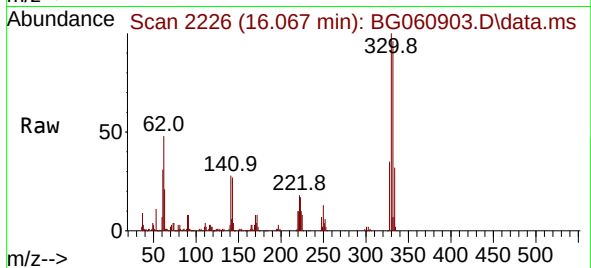




#65
4,6-Dinitro-2-methylphenol
Concen: 7.394 ng
RT: 16.067 min Scan# 2164
Delta R.T. 0.362 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

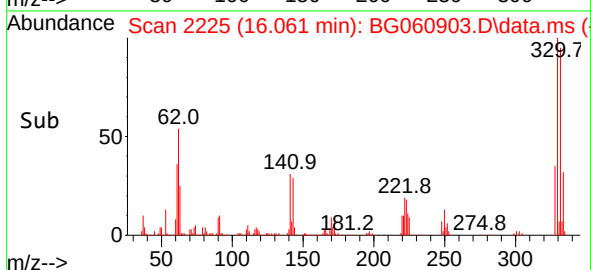
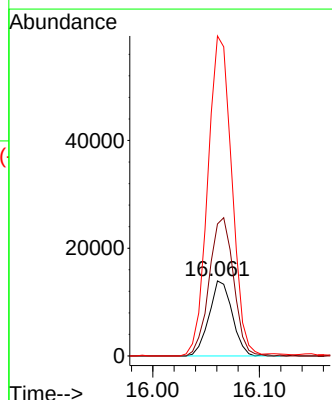
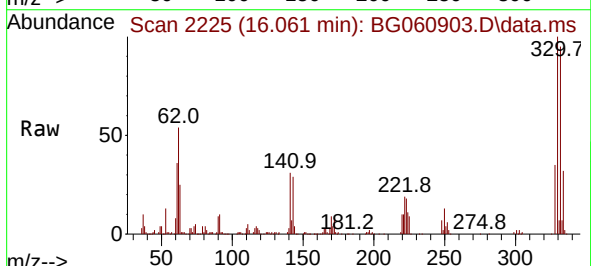
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

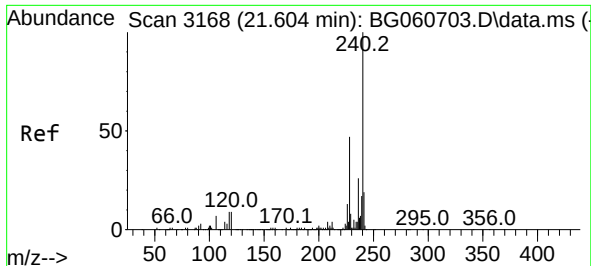
Tgt Ion:198 Resp: 732
Ion Ratio Lower Upper
198 100
51 163.9 36.7 76.7#
105 140.9 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.940 ng
RT: 16.061 min Scan# 2225
Delta R.T. -0.473 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion:248 Resp: 21093
Ion Ratio Lower Upper
248 100
250 175.8 78.3 117.5#
141 426.0 53.7 80.5#

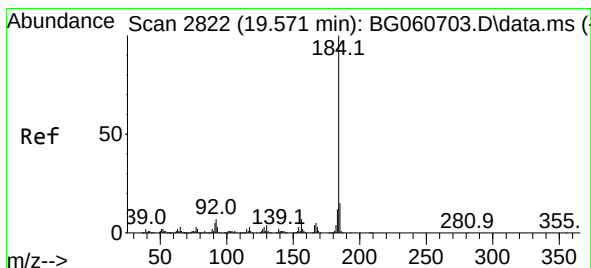
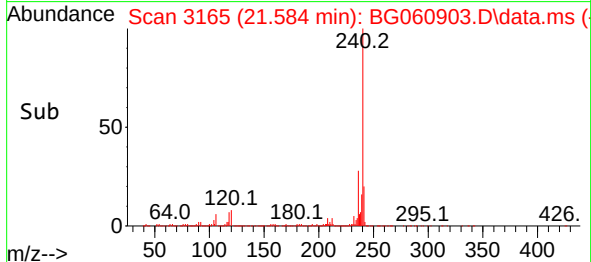
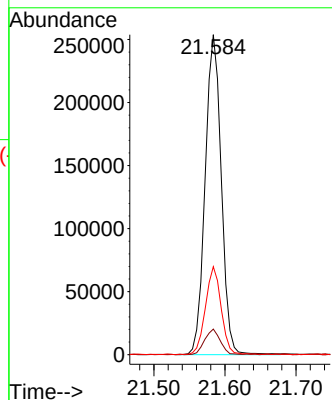
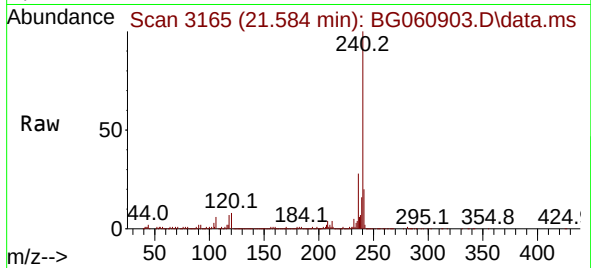




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3165
Delta R.T. -0.021 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

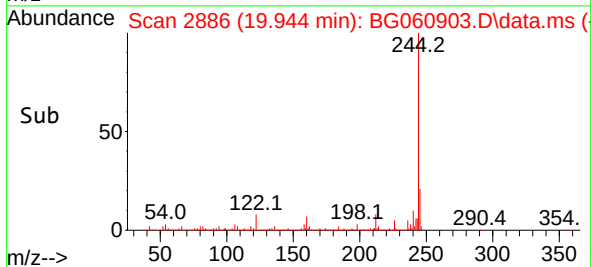
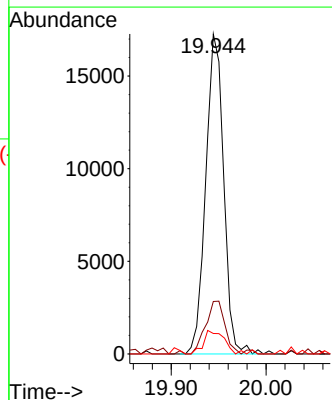
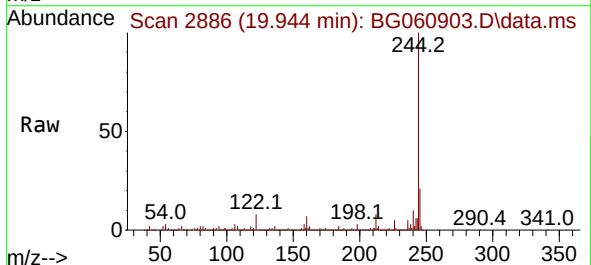
Instrument :
BNA_G
ClientSampleId :
NB-08-041224

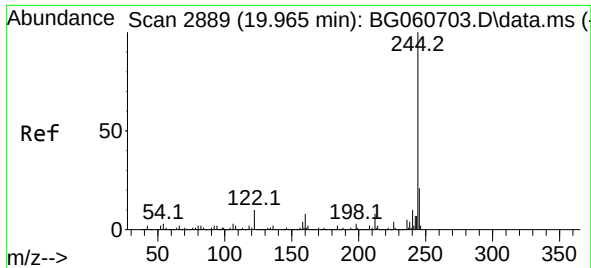
Tgt Ion:240 Resp: 401340
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 27.5 20.7 31.1



#77
Benzidine
Concen: 2.149 ng
RT: 19.944 min Scan# 2886
Delta R.T. 0.373 min
Lab File: BG060903.D
Acq: 15 Apr 2024 16:25

Tgt Ion:184 Resp: 22712
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.6
183 6.4 9.5 14.3#

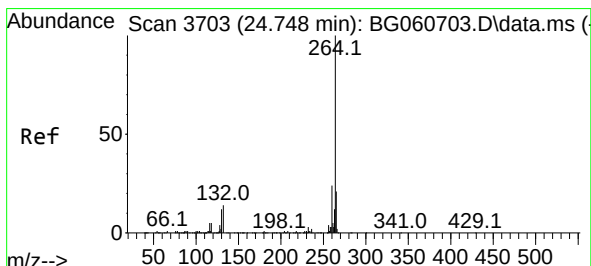
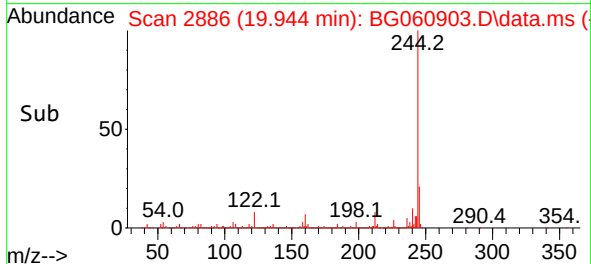
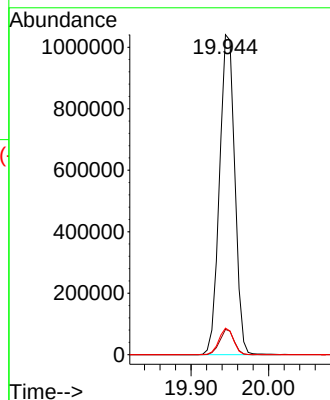
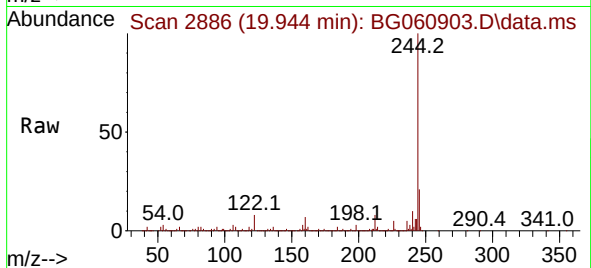




#79
 Terphenyl-d14
 Concen: 62.868 ng
 RT: 19.944 min Scan# 21
 Delta R.T. -0.021 min
 Lab File: BG060903.D
 Acq: 15 Apr 2024 16:25

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-041224

Tgt Ion:244 Resp: 1432930
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 8.3 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.721 min Scan# 3699
 Delta R.T. -0.027 min
 Lab File: BG060903.D
 Acq: 15 Apr 2024 16:25

Tgt Ion:264 Resp: 468617
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 20.6 16.9 25.3

