

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060860.D
 Acq On : 11 Apr 2024 15:31
 Operator : MA/JU
 Sample : P2070-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Apr 11 16:10:10 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)

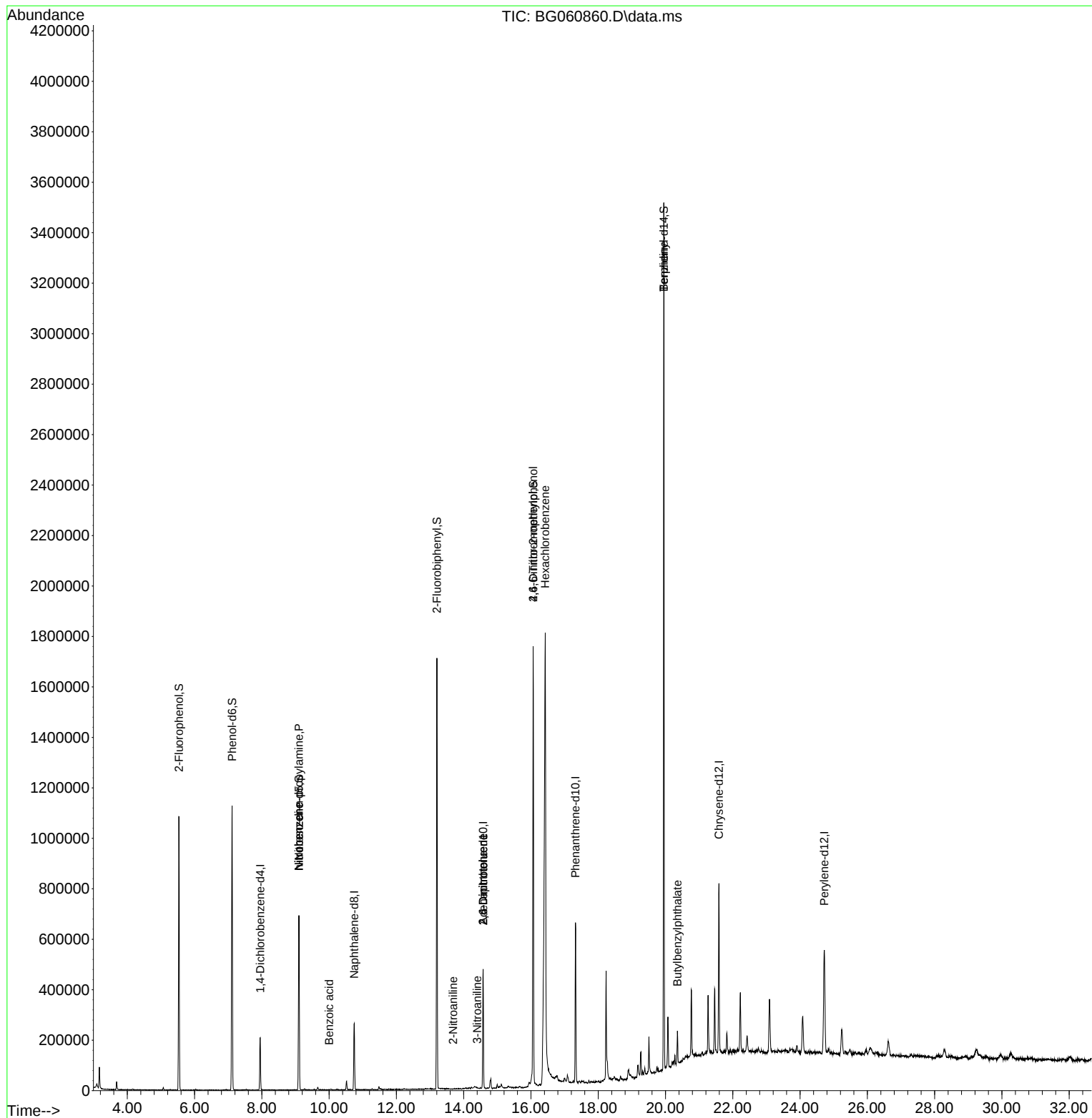
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	56267	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	213021	20.000	ng	0.00
39) Acenaphthene-d10	14.579	164	169434	20.000	ng	0.00
64) Phenanthrene-d10	17.323	188	411195	20.000	ng	-0.02
76) Chrysene-d12	21.589	240	390379	20.000	ng	-0.02
86) Perylene-d12	24.720	264	461165	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	415146	122.912	ng	0.00
7) Phenol-d6	7.117	99	557643	111.225	ng	0.00
23) Nitrobenzene-d5	9.103	82	372037	99.657	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	345097	179.425	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	860668	74.551	ng	-0.02
79) Terphenyl-d14	19.949	244	1723685	77.748	ng	-0.02
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.103	70	49522	12.952	ng	# 76
24) Nitrobenzene	9.103	77	1347	3.078	ng	# 38
32) Benzoic acid	10.002	122	94	6.871	ng	# 1
48) 2-Nitroaniline	13.686	65	128	2.837	ng	# 11
51) 2,6-Dinitrotoluene	14.579	165	22292	12.114	ng	# 17
53) 3-Nitroaniline	14.403	138	55	2.871	ng	# 1
57) 2,4-Dinitrotoluene	14.579	165	22292	10.190	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.066	198	980	7.527	ng	# 1
68) Hexachlorobenzene	16.424	284	49441	10.495	ng	# 45
77) Benzidine	19.949	184	28400	2.763	ng	98
80) Butylbenzylphthalate	20.355	149	54620	5.484	ng	# 23

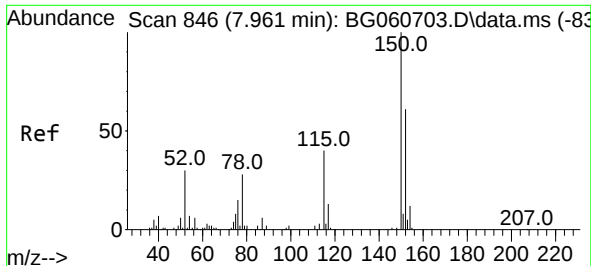
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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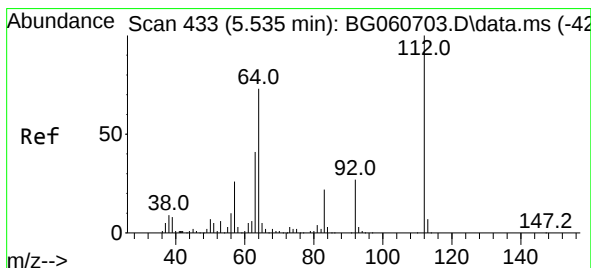
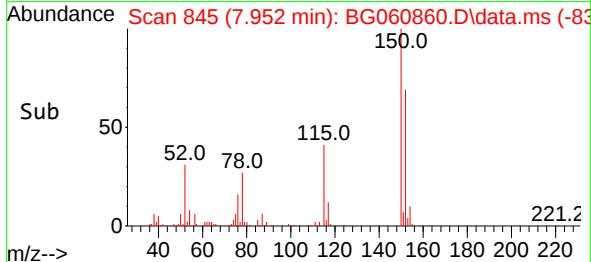
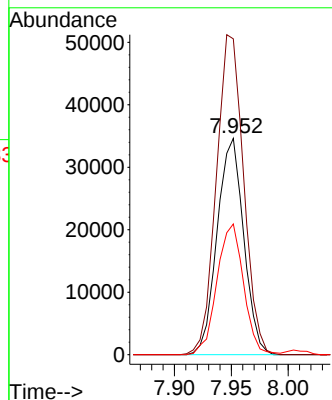
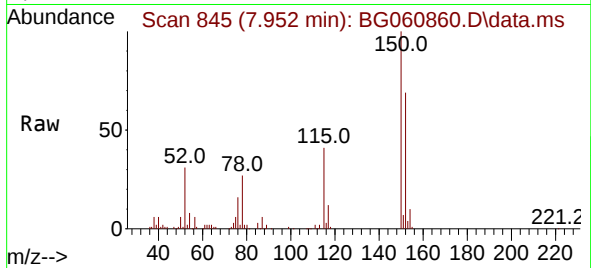




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

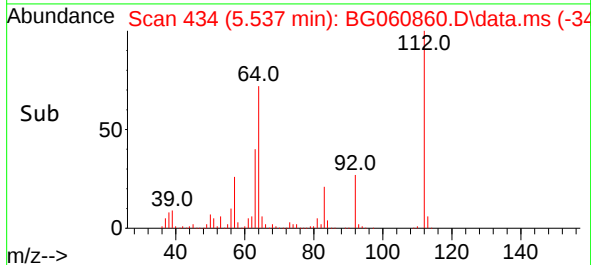
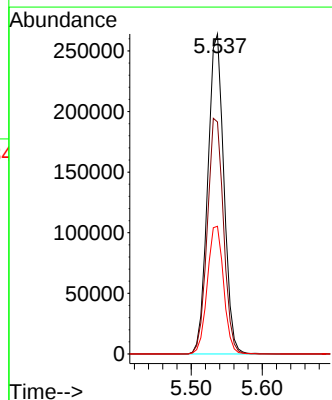
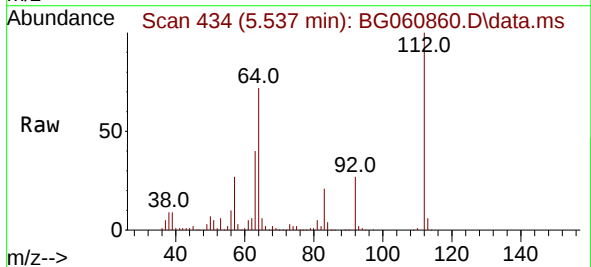
Instrument :
BNA_G
ClientSampleId :
TP-5

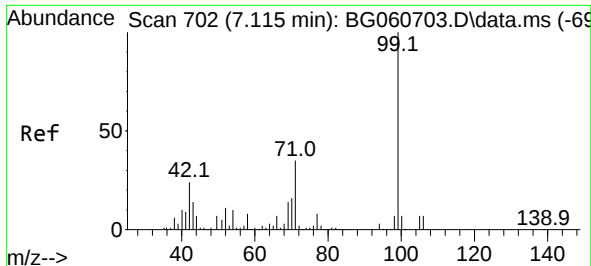
Tgt Ion:152 Resp: 56267
Ion Ratio Lower Upper
152 100
150 146.0 130.2 195.4
115 60.4 51.6 77.4



#5
2-Fluorophenol
Concen: 122.912 ng
RT: 5.537 min Scan# 434
Delta R.T. 0.002 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:112 Resp: 415146
Ion Ratio Lower Upper
112 100
64 72.5 58.4 87.6
63 39.9 32.7 49.1

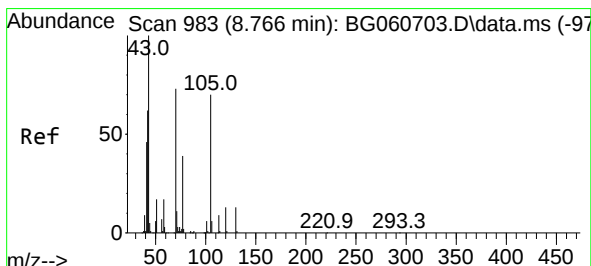
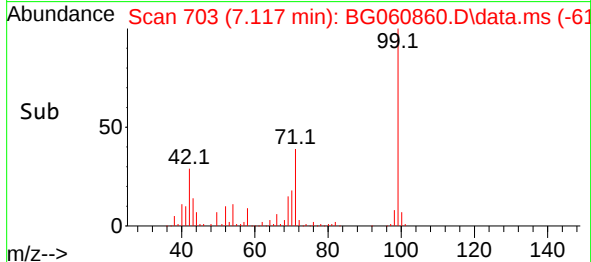
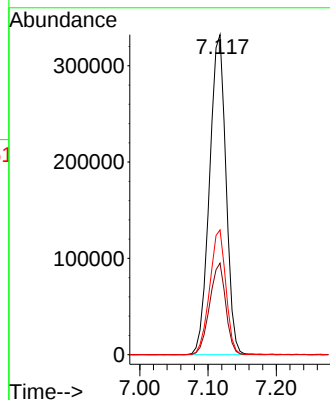
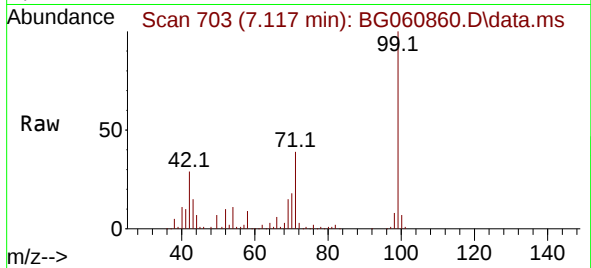




#7
Phenol-d6
Concen: 111.225 ng
RT: 7.117 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

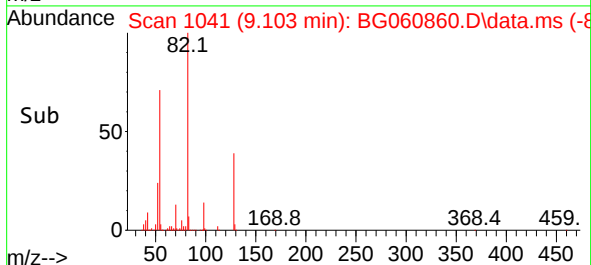
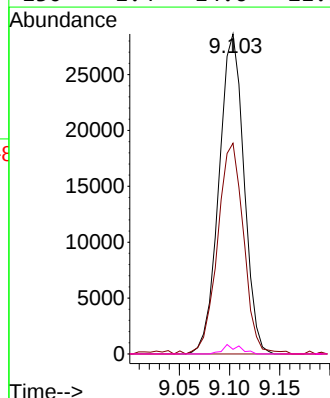
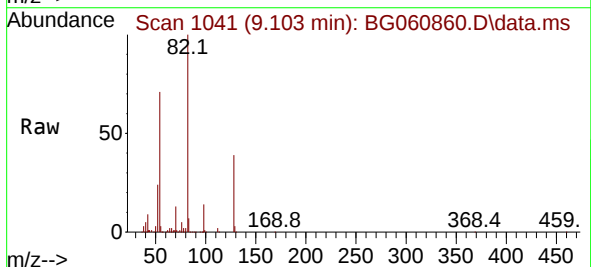
Instrument :
BNA_G
ClientSampleId :
TP-5

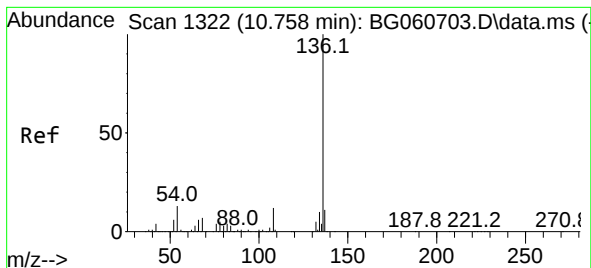
Tgt Ion: 99 Resp: 557643
Ion Ratio Lower Upper
99 100
42 28.6 19.4 29.2
71 39.0 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.952 ng
RT: 9.103 min Scan# 1041
Delta R.T. 0.337 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion: 70 Resp: 49522
Ion Ratio Lower Upper
70 100
42 65.8 68.4 102.6#
101 0.0 6.1 9.1#
130 1.4 14.6 21.8#

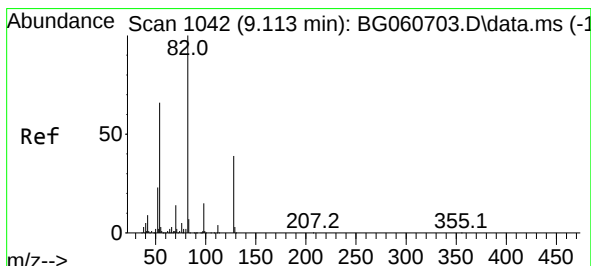
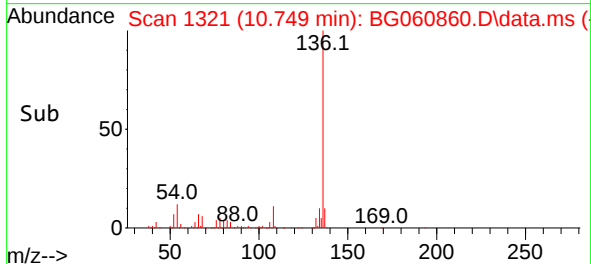
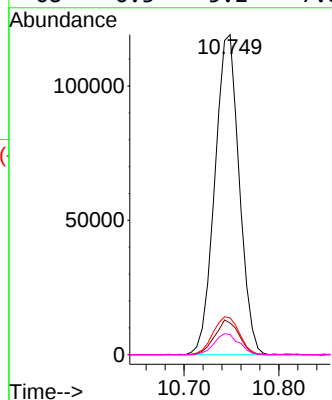
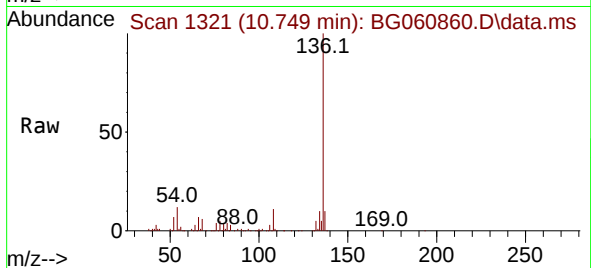




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

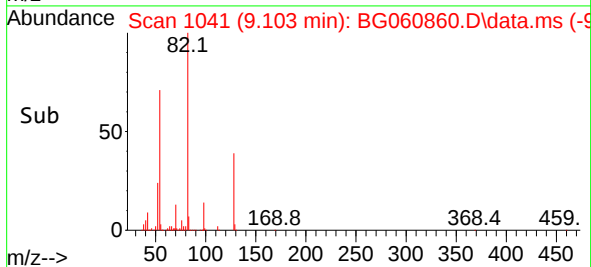
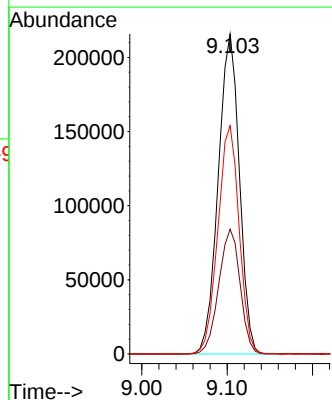
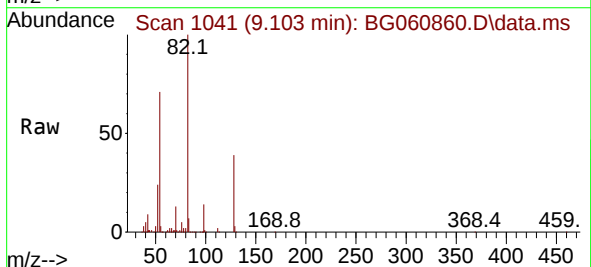
Instrument :
BNA_G
ClientSampleId :
TP-5

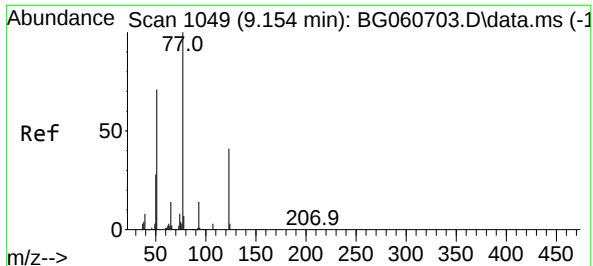
Tgt Ion:	136	Resp:	213021
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.8	13.2
54	11.5	10.2	15.2
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 99.657 ng
RT: 9.103 min Scan# 1041
Delta R.T. -0.010 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:	82	Resp:	372037
Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.2	46.8
54	71.4	53.2	79.8





#24

Nitrobenzene

Concen: 3.078 ng

RT: 9.103 min Scan# 1194

Delta R.T. -0.051 min

Lab File: BG060860.D

Acq: 11 Apr 2024 15:31

Instrument :

BNA_G

ClientSampleId :

TP-5

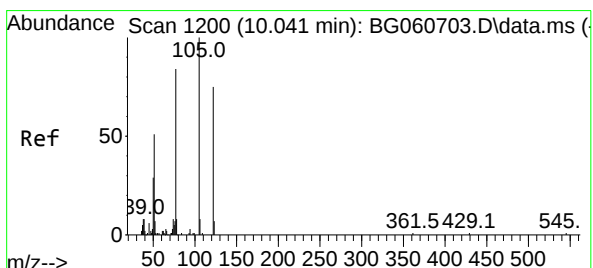
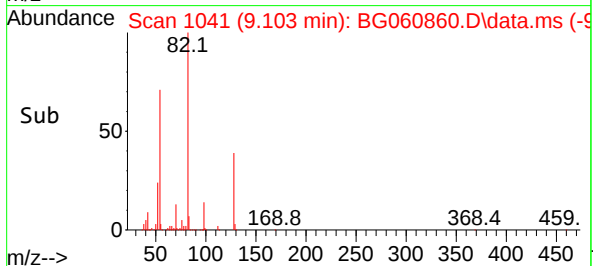
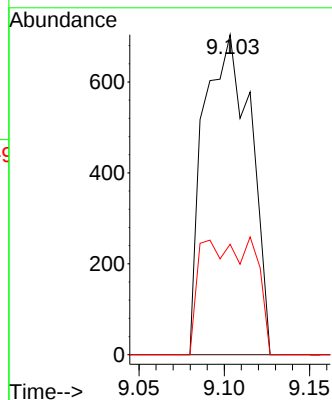
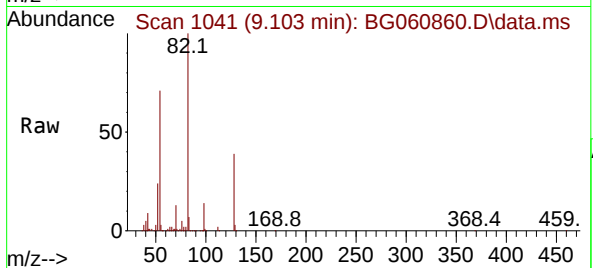
Tgt Ion: 77 Resp: 1347

Ion Ratio Lower Upper

77 100

123 0.0 32.7 49.1#

65 34.5 11.3 16.9#



#32

Benzoic acid

Concen: 6.871 ng

RT: 10.002 min Scan# 1194

Delta R.T. -0.039 min

Lab File: BG060860.D

Acq: 11 Apr 2024 15:31

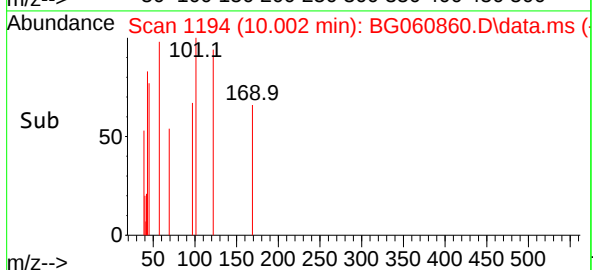
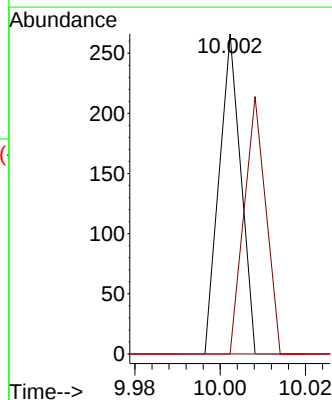
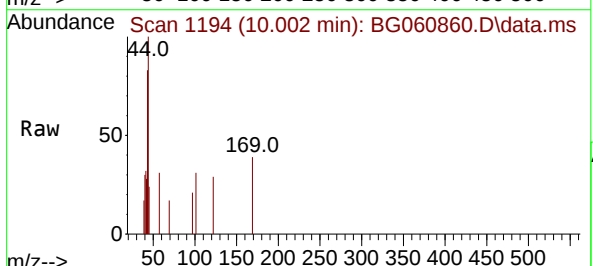
Tgt Ion: 122 Resp: 94

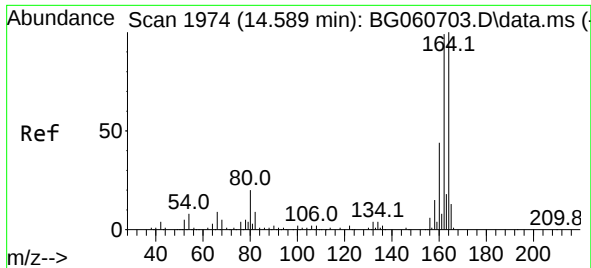
Ion Ratio Lower Upper

122 100

105 0.0 104.5 144.5#

77 0.0 85.3 125.3#

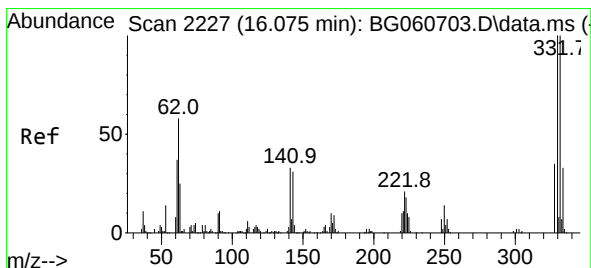
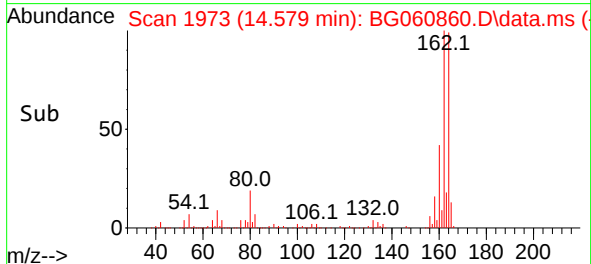
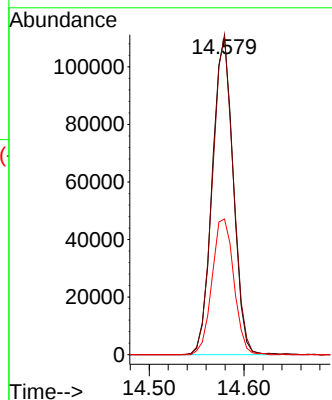
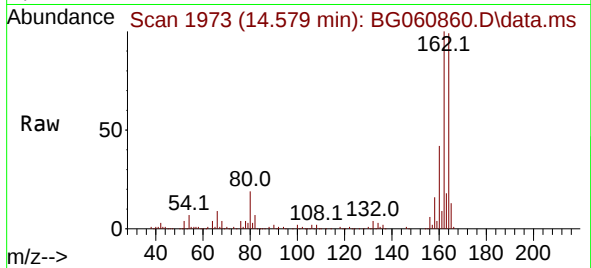




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.579 min Scan# 1973
Delta R.T. -0.010 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

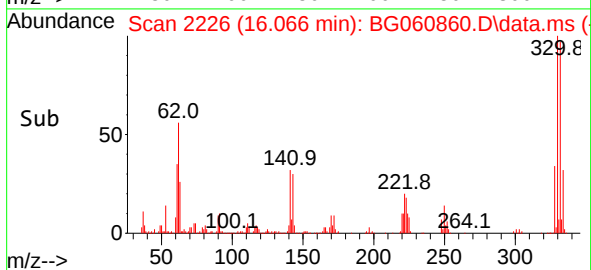
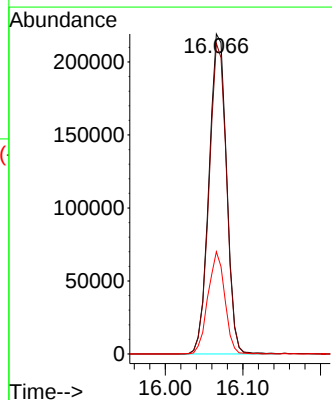
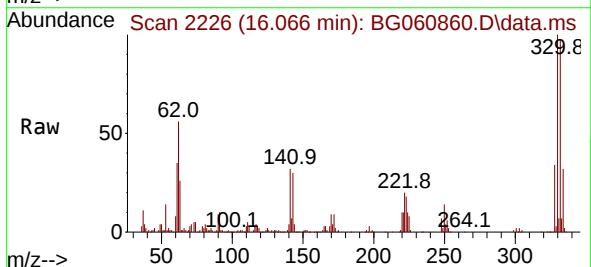
Instrument :
BNA_G
ClientSampleId :
TP-5

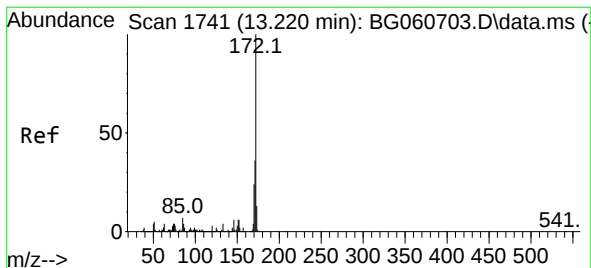
Tgt Ion:164 Resp: 169434
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 42.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 179.425 ng
RT: 16.066 min Scan# 2226
Delta R.T. -0.010 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:330 Resp: 345097
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.4
141 30.5 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 74.551 ng

RT: 13.204 min Scan# 1

Delta R.T. -0.016 min

Lab File: BG060860.D

Acq: 11 Apr 2024 15:31

Instrument :

BNA_G

ClientSampleId :

TP-5

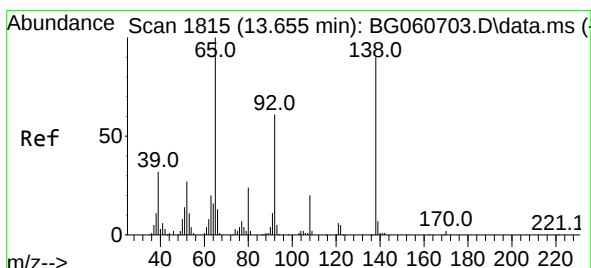
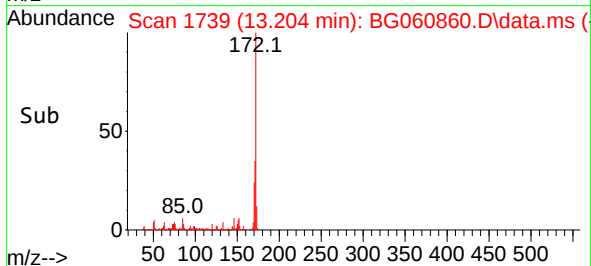
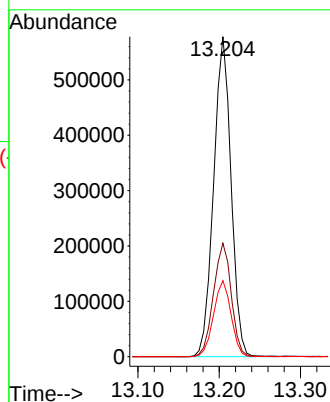
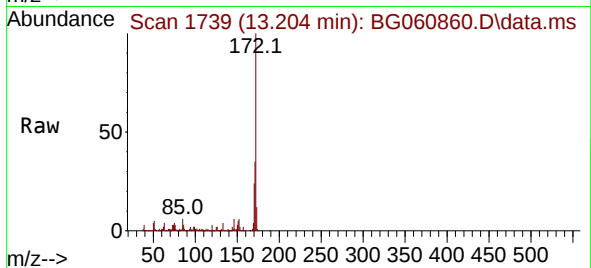
Tgt Ion:172 Resp: 860668

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.8 19.4 29.0



#48

2-Nitroaniline

Concen: 2.837 ng

RT: 13.686 min Scan# 1821

Delta R.T. 0.031 min

Lab File: BG060860.D

Acq: 11 Apr 2024 15:31

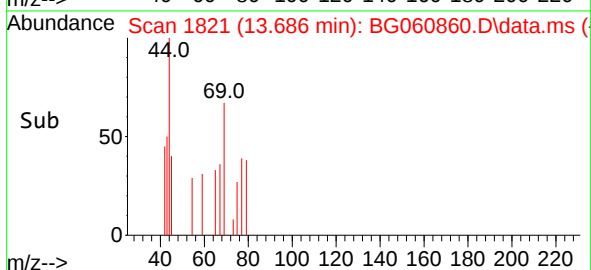
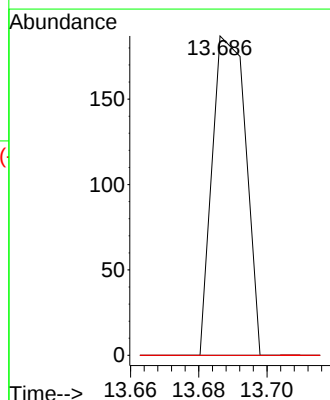
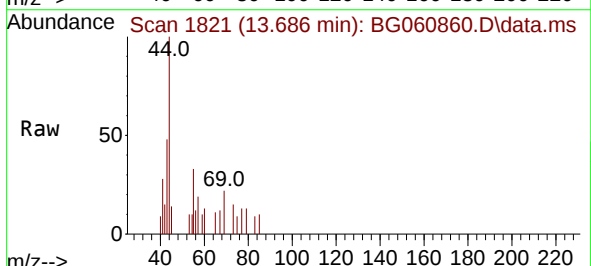
Tgt Ion: 65 Resp: 128

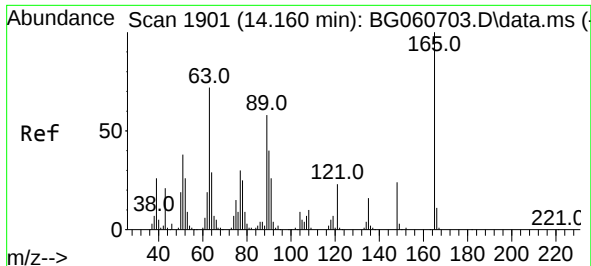
Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#

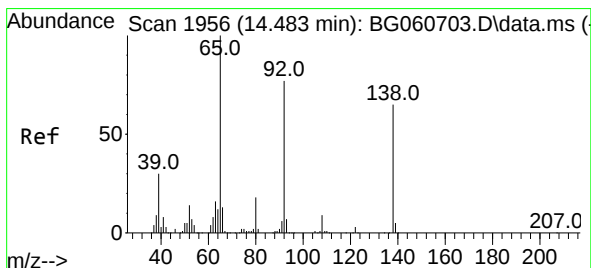
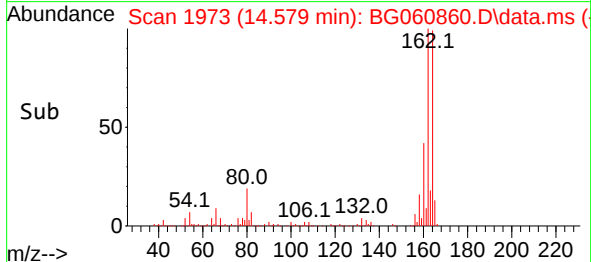
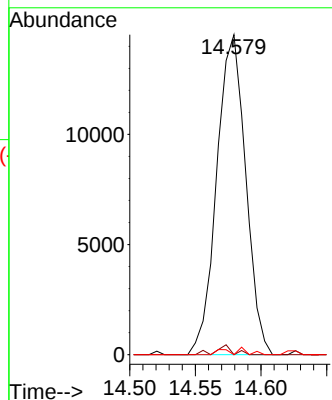
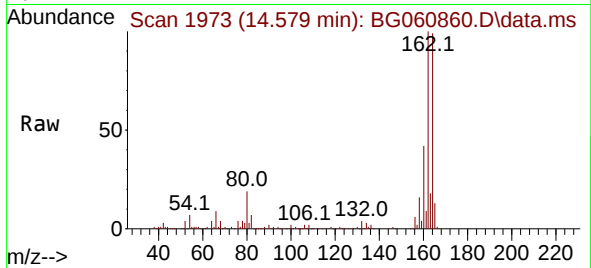




#51
2,6-Dinitrotoluene
Concen: 12.114 ng
RT: 14.579 min Scan# 1901
Delta R.T. 0.419 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

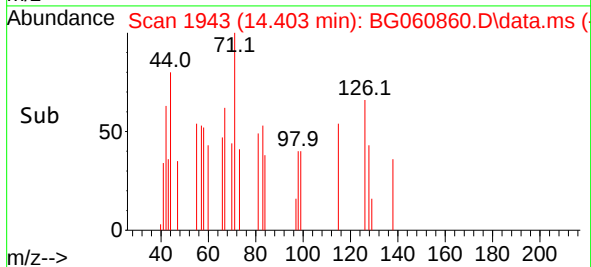
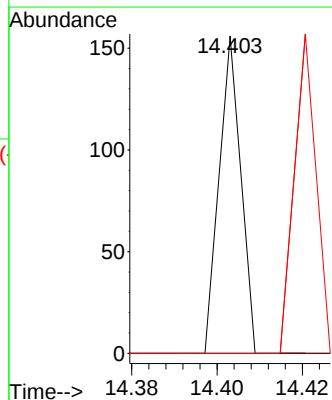
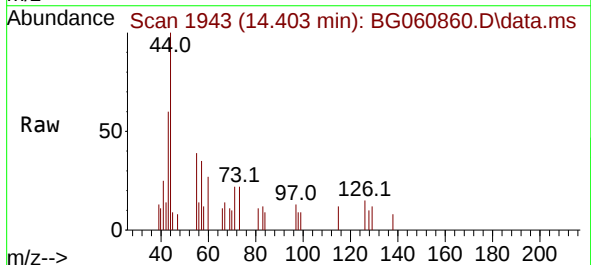
Instrument :
BNA_G
ClientSampleId :
TP-5

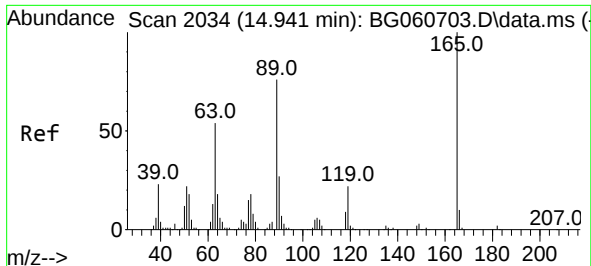
Tgt Ion:165 Resp: 22292
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.871 ng
RT: 14.403 min Scan# 1943
Delta R.T. -0.080 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#

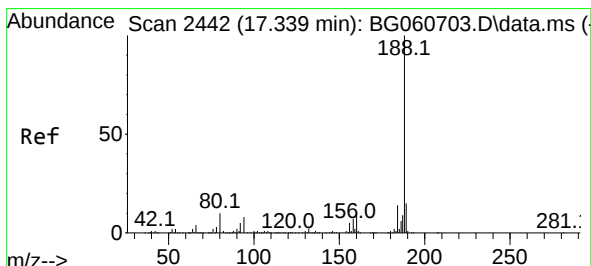
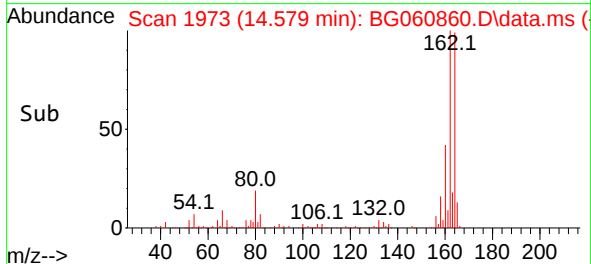
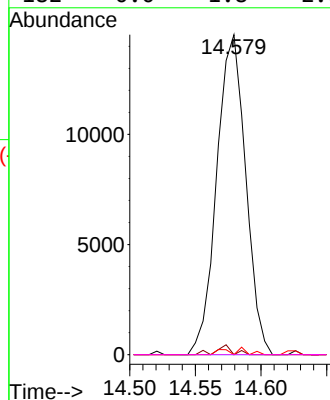
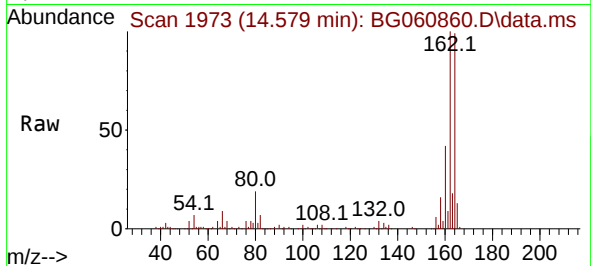




#57
2,4-Dinitrotoluene
Concen: 10.190 ng
RT: 14.579 min Scan# 14
Delta R.T. -0.362 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

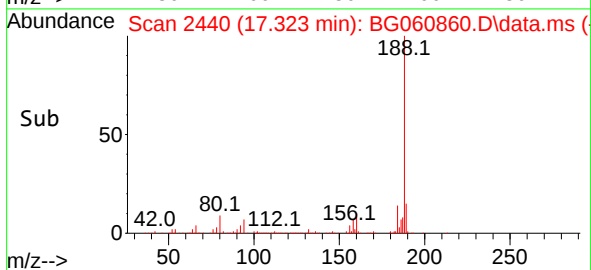
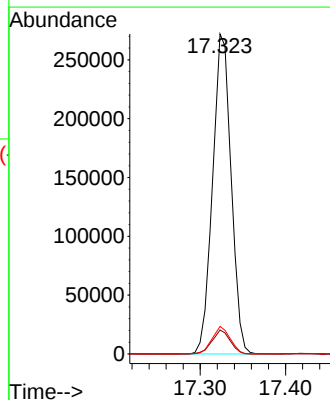
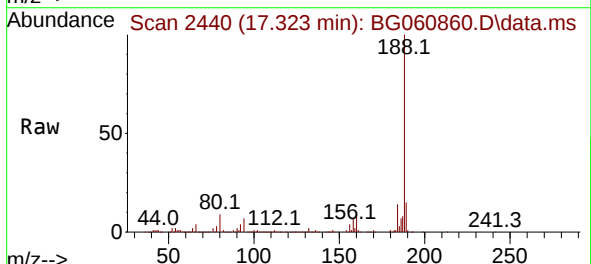
Instrument :
BNA_G
ClientSampleId :
TP-5

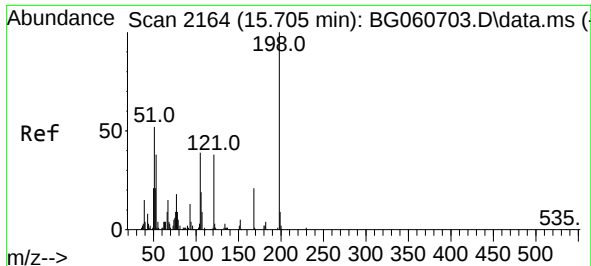
Tgt Ion:165	Resp:	22292
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.4 65.0#
89	0.0	61.0 91.6#
182	0.0	1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2440
Delta R.T. -0.016 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:188	Resp:	411195
Ion Ratio	Lower	Upper
188	100	
94	7.5	6.6 9.8
80	8.6	7.6 11.4

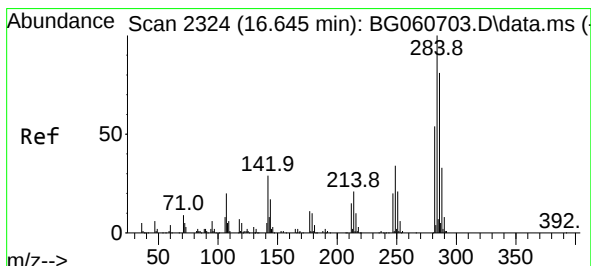
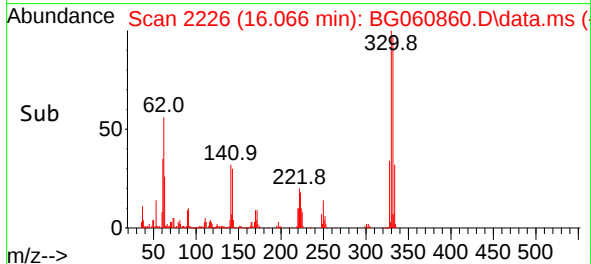
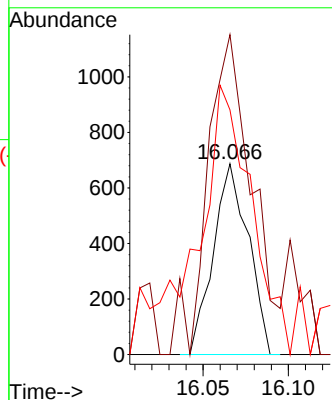
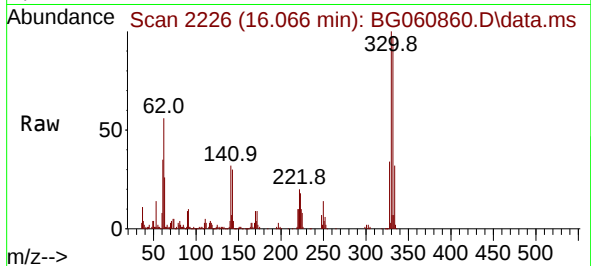




#65
4,6-Dinitro-2-methylphenol
Concen: 7.527 ng
RT: 16.066 min Scan# 2164
Delta R.T. 0.361 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

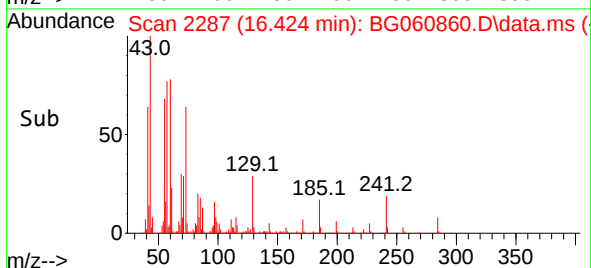
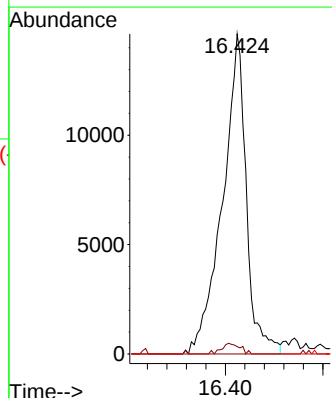
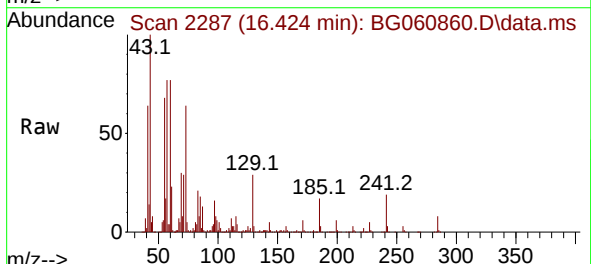
Instrument :
BNA_G
ClientSampleId :
TP-5

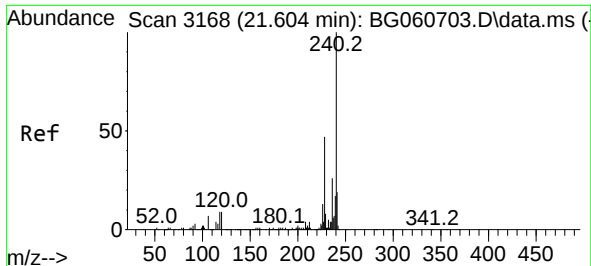
Tgt Ion:198 Resp: 980
Ion Ratio Lower Upper
198 100
51 167.7 36.7 76.7#
105 128.2 19.1 59.1#



#68
Hexachlorobenzene
Concen: 10.495 ng
RT: 16.424 min Scan# 2287
Delta R.T. -0.221 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:284 Resp: 49441
Ion Ratio Lower Upper
284 100
142 2.3 22.9 34.3#
249 0.0 27.1 40.7#

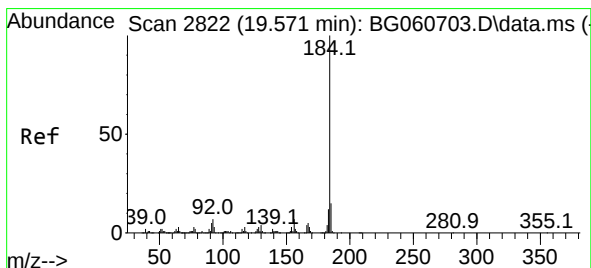
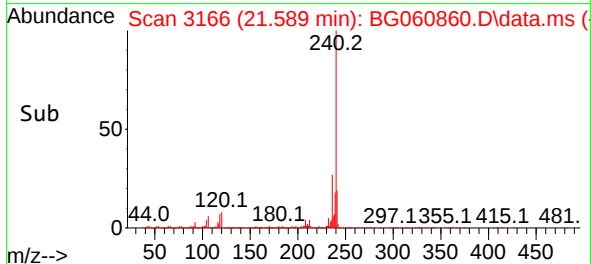
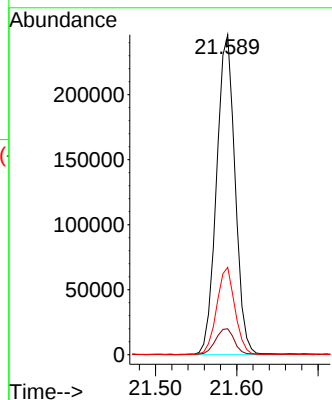
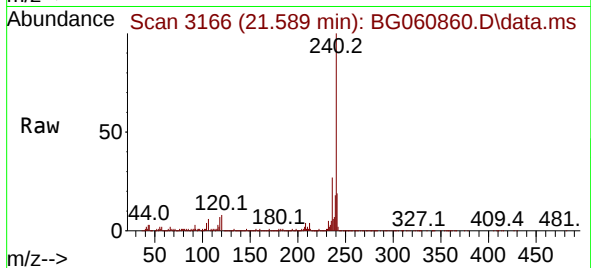




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.016 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

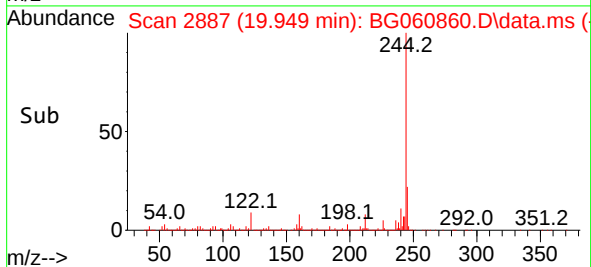
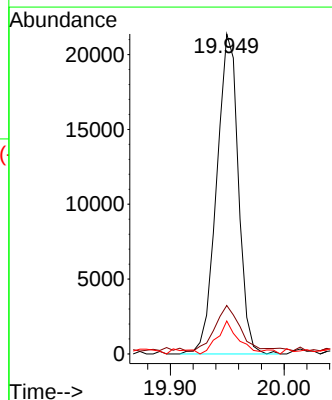
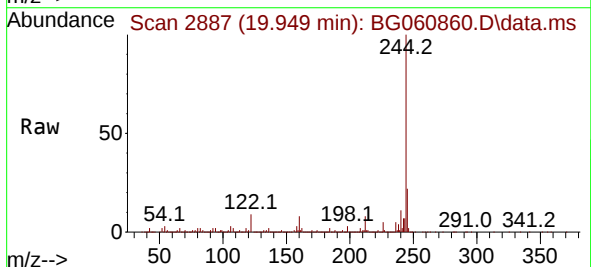
Instrument :
BNA_G
ClientSampleId :
TP-5

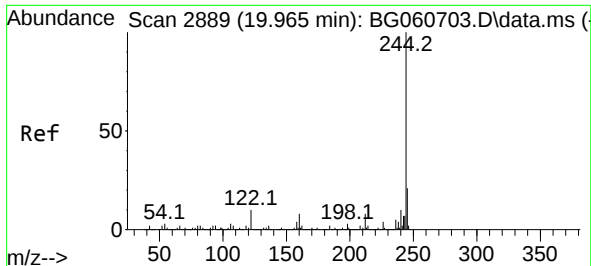
Tgt Ion:240 Resp: 390379
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 27.3 20.7 31.1



#77
Benzidine
Concen: 2.763 ng
RT: 19.949 min Scan# 2887
Delta R.T. 0.378 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Tgt Ion:184 Resp: 28400
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 10.3 9.5 14.3

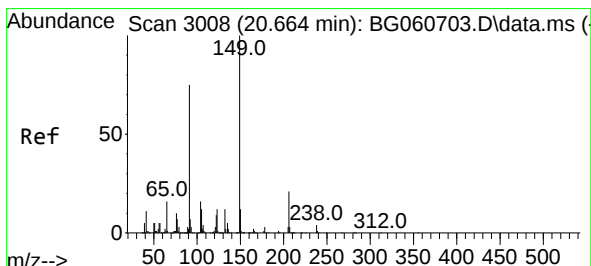
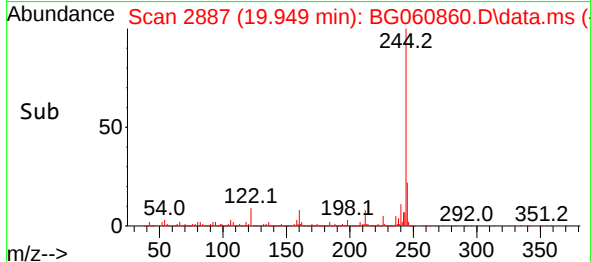
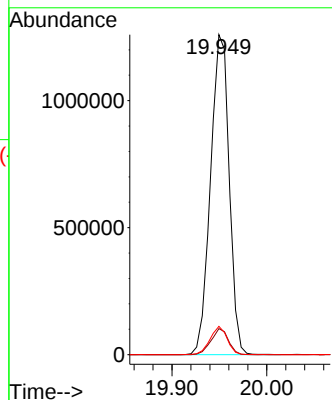
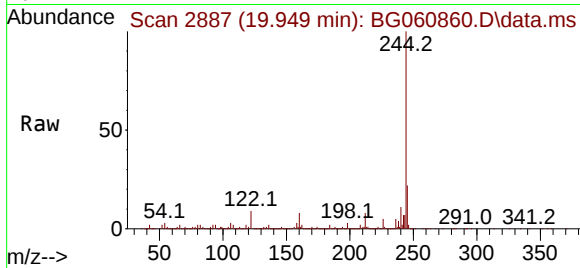




#79
 Terphenyl-d14
 Concen: 77.748 ng
 RT: 19.949 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: BG060860.D
 Acq: 11 Apr 2024 15:31

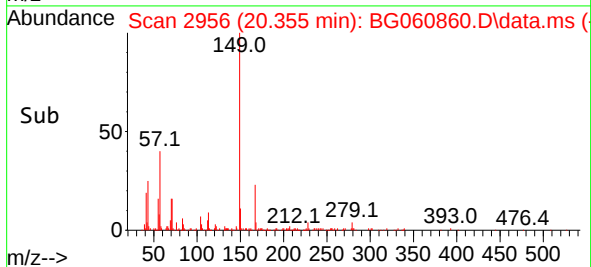
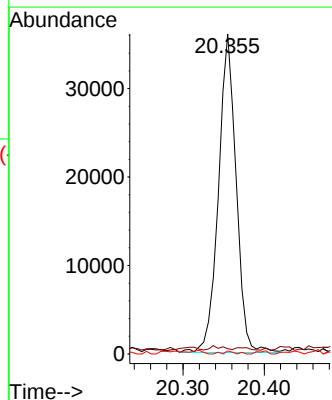
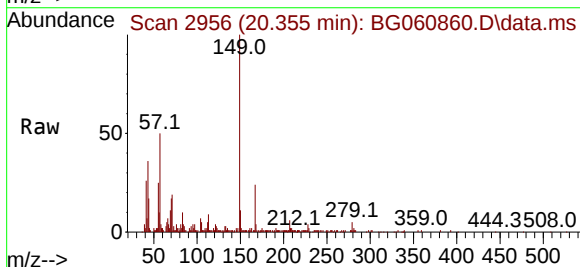
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

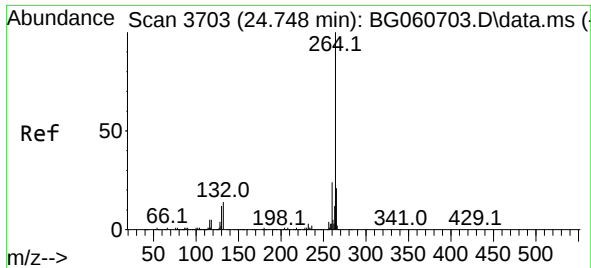
Tgt Ion:244 Resp: 1723685
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 8.9 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 5.484 ng
 RT: 20.355 min Scan# 2956
 Delta R.T. -0.309 min
 Lab File: BG060860.D
 Acq: 11 Apr 2024 15:31

Tgt Ion:149 Resp: 54620
 Ion Ratio Lower Upper
 149 100
 91 1.6 60.1 90.1#
 206 1.0 16.8 25.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.720 min Scan# 30
Delta R.T. -0.027 min
Lab File: BG060860.D
Acq: 11 Apr 2024 15:31

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 461165

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.3	16.9	25.3

