

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060811.D
 Acq On : 6 Apr 2024 14:52
 Operator : MA/JU
 Sample : P1995-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:06:46 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)

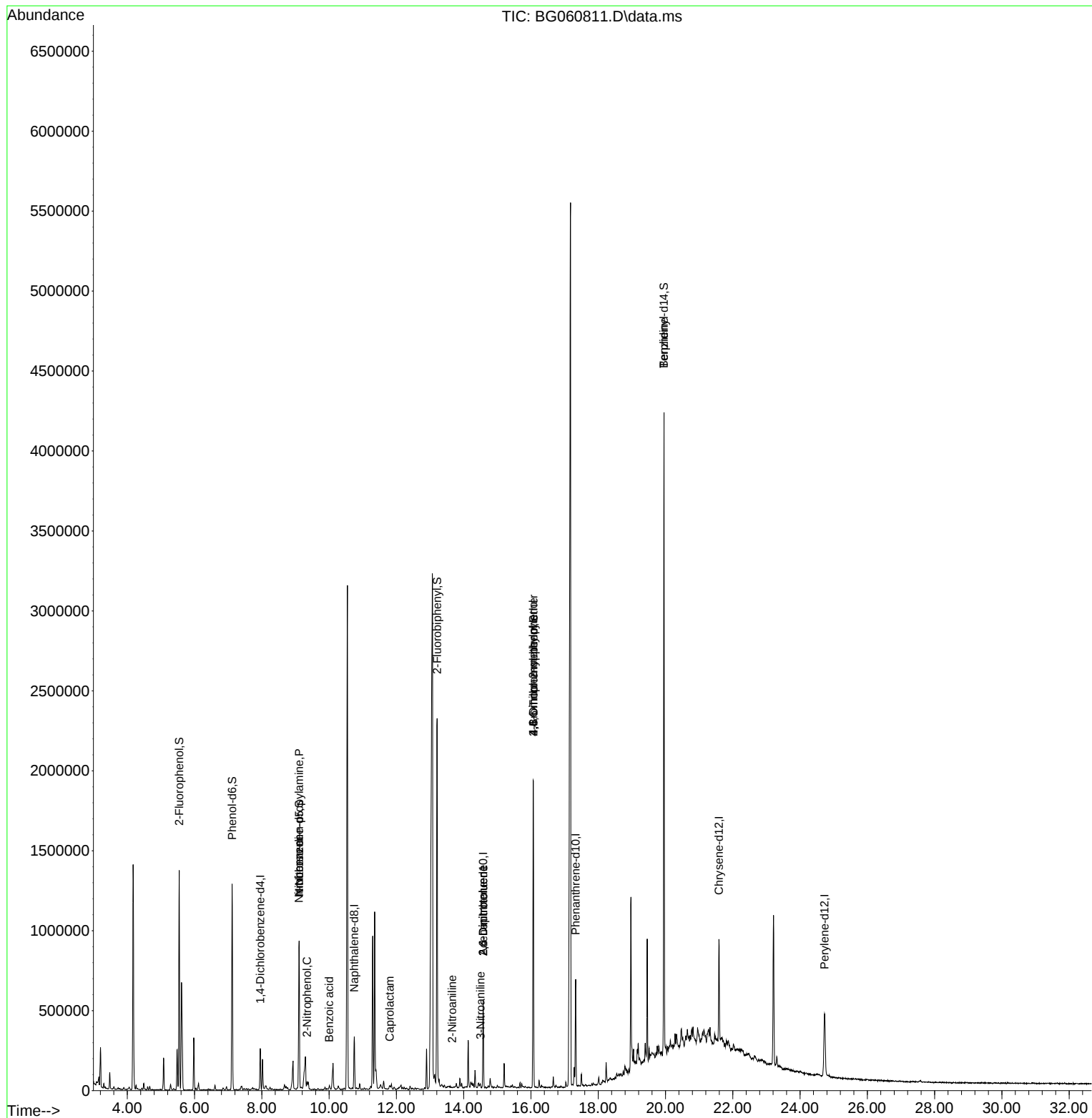
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	68049	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	259243	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	193182	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	432679	20.000	ng	0.00
76) Chrysene-d12	21.589	240	389256	20.000	ng	-0.01
86) Perylene-d12	24.727	264	471653	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	512015	125.345	ng	0.00
7) Phenol-d6	7.118	99	660530	108.936	ng	0.00
23) Nitrobenzene-d5	9.110	82	511776	112.646	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	388395	177.112	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	1219040	92.612	ng	0.00
79) Terphenyl-d14	19.956	244	1932654	87.425	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.110	70	71510	15.465	ng	# 71
24) Nitrobenzene	9.104	77	2219	3.186	ng	# 42
26) 2-Nitrophenol	9.345	139	276	3.131	ng	# 31
32) Benzoic acid	10.003	122	7345	9.088	ng	# 79
35) Caprolactam	11.801	113	4367	2.856	ng	# 94
48) 2-Nitroaniline	13.657	65	79	2.816	ng	# 11
51) 2,6-Dinitrotoluene	14.580	165	25145	12.022	ng	# 19
53) 3-Nitroaniline	14.498	138	139	2.895	ng	# 1
57) 2,4-Dinitrotoluene	14.580	165	25145	10.116	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.066	198	1308	7.659	ng	# 1
67) 4-Bromophenyl-phenylether	16.072	248	26041	5.930	ng	# 1
77) Benzidine	19.956	184	31191	3.043	ng	# 97

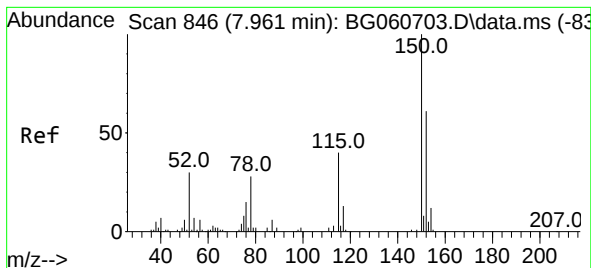
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
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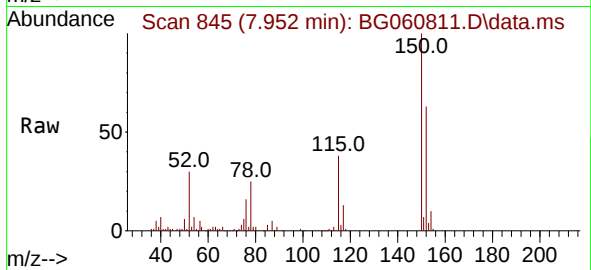
Quant Time: Apr 08 02:06:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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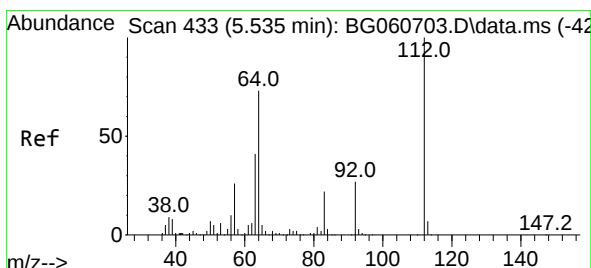
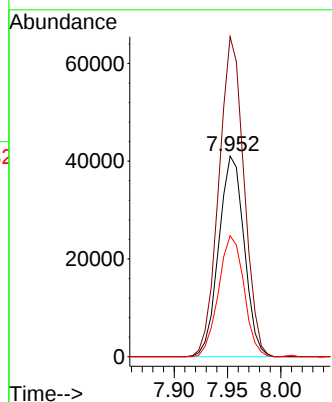
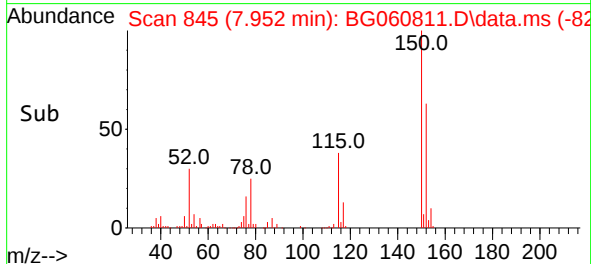


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 846
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

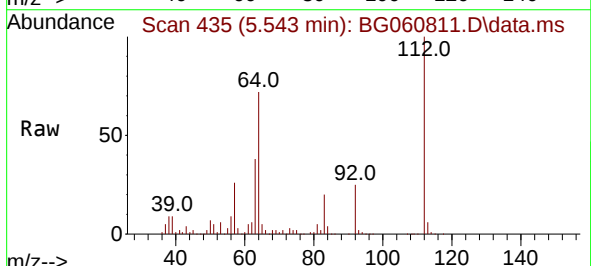
Instrument :
BNA_G
ClientSampleId :



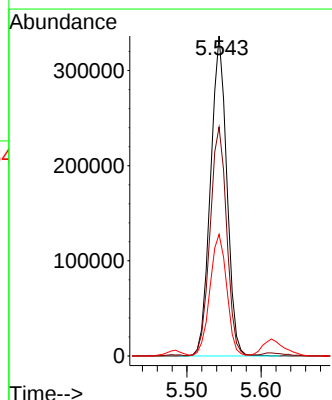
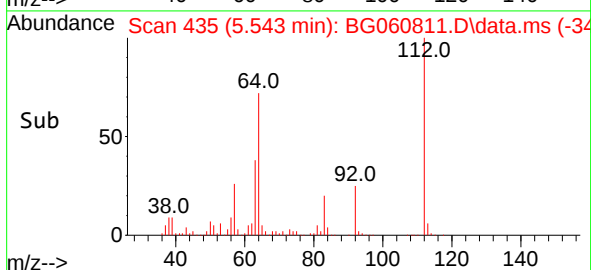
Tgt Ion:152 Resp: 68049
Ion Ratio Lower Upper
152 100
150 159.5 130.2 195.4
115 60.3 51.6 77.4

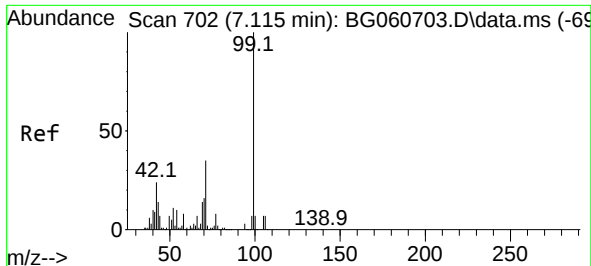


#5
2-Fluorophenol
Concen: 125.345 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52



Tgt Ion:112 Resp: 512015
Ion Ratio Lower Upper
112 100
64 71.6 58.4 87.6
63 38.0 32.7 49.1

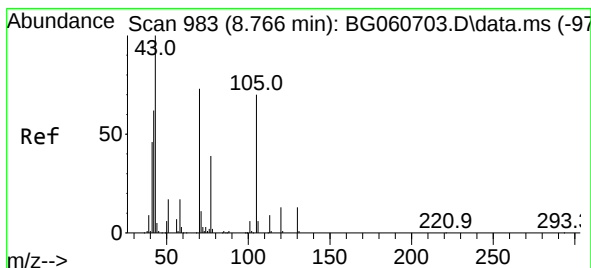
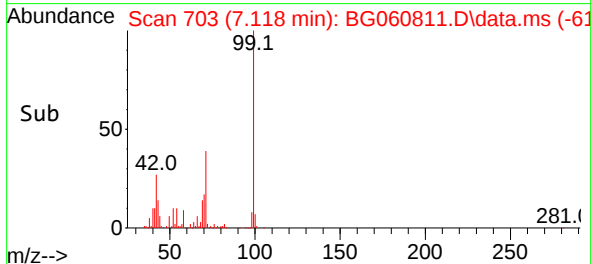
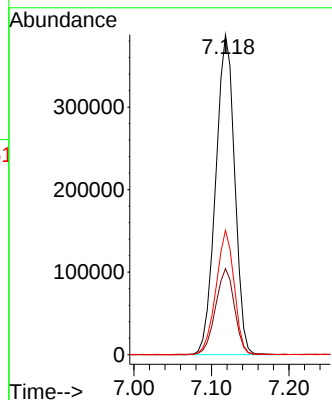
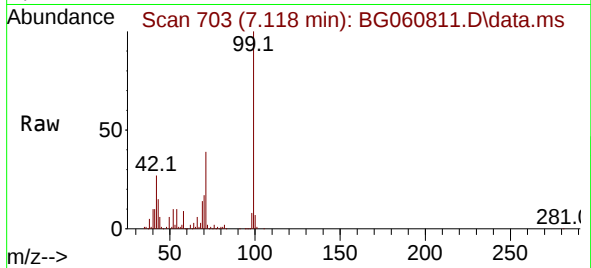




#7
Phenol-d6
Concen: 108.936 ng
RT: 7.118 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

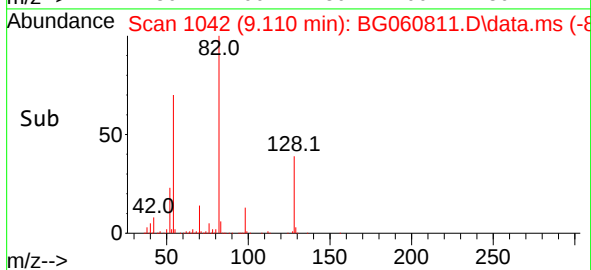
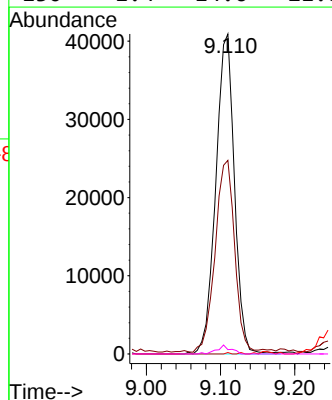
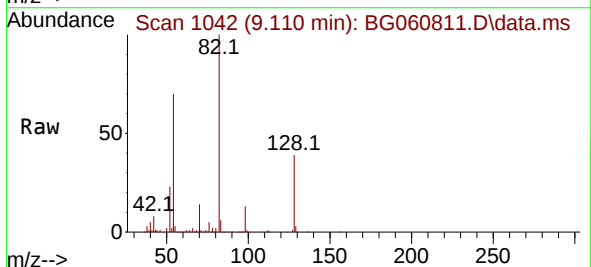
Instrument :
BNA_G
ClientSampleId :

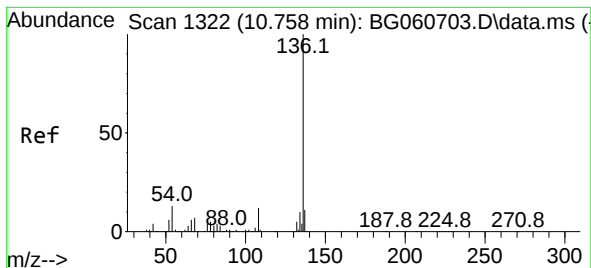
Tgt Ion: 99 Resp: 660530
Ion Ratio Lower Upper
99 100
42 26.9 19.4 29.2
71 38.9 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.465 ng
RT: 9.110 min Scan# 1042
Delta R.T. 0.344 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion: 70 Resp: 71510
Ion Ratio Lower Upper
70 100
42 60.5 68.4 102.6#
101 0.4 6.1 9.1#
130 1.4 14.6 21.8#

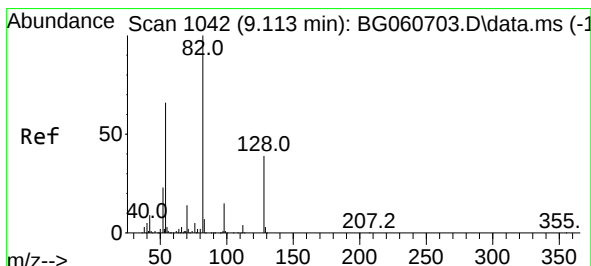
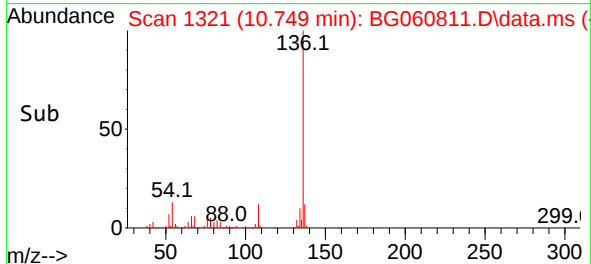
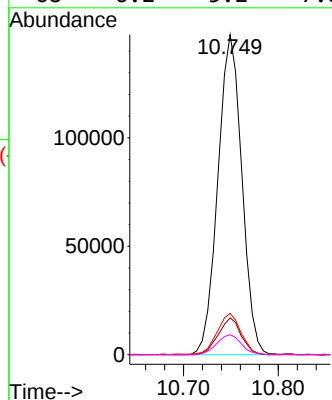
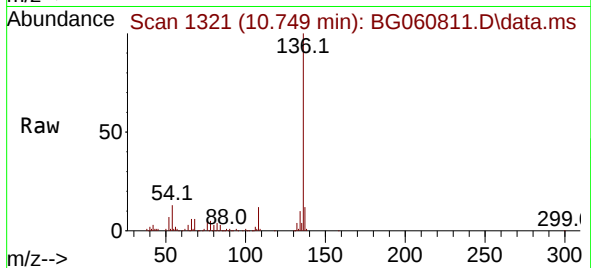




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1321
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

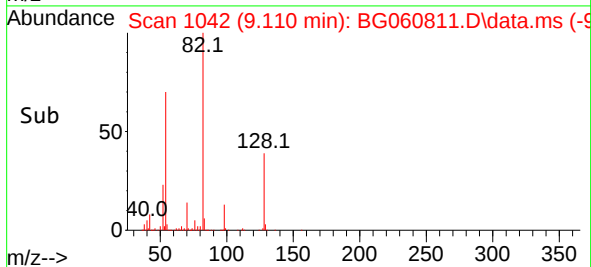
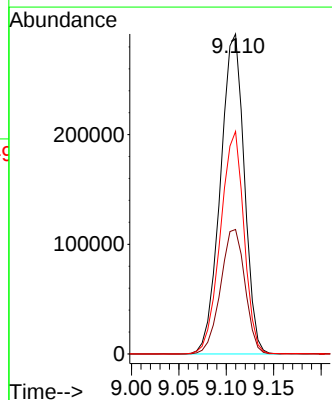
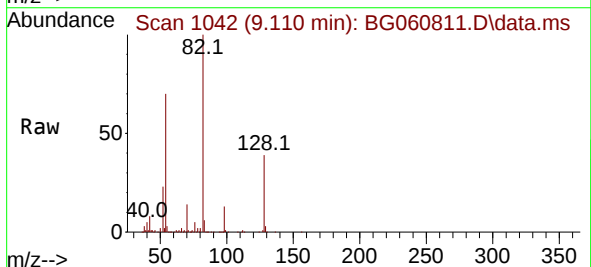
Instrument :
BNA_G
ClientSampleId :

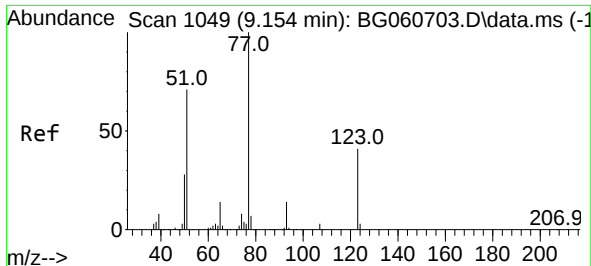
Tgt Ion:136 Resp: 259243
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 12.9 10.2 15.2
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 112.646 ng
RT: 9.110 min Scan# 1042
Delta R.T. -0.003 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

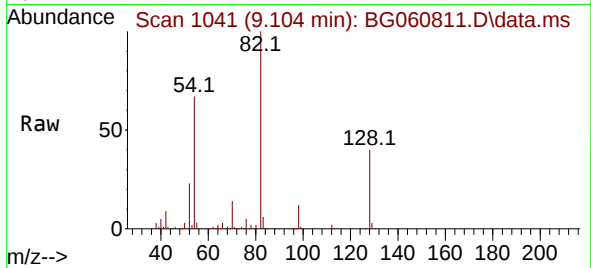
Tgt Ion: 82 Resp: 511776
Ion Ratio Lower Upper
82 100
128 38.9 31.2 46.8
54 69.6 53.2 79.8



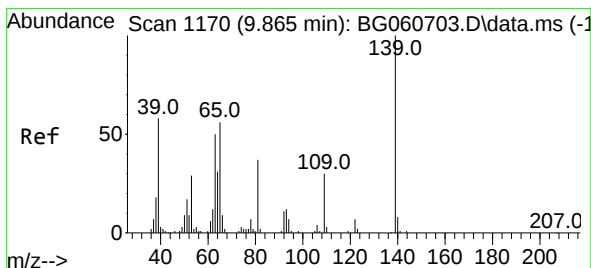
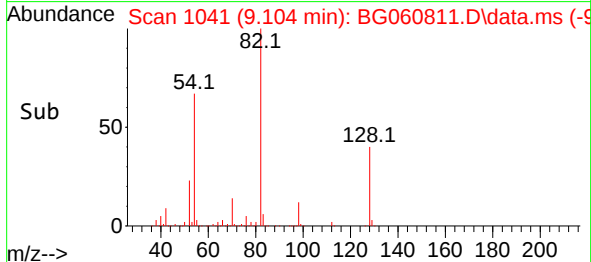
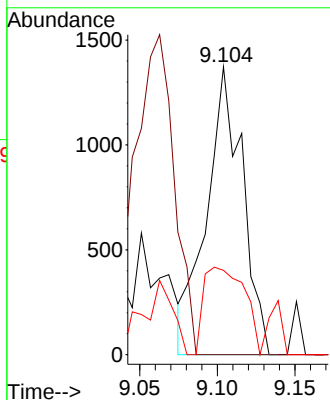


#24
Nitrobenzene
Concen: 3.186 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.050 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Instrument :
BNA_G
ClientSampleId :

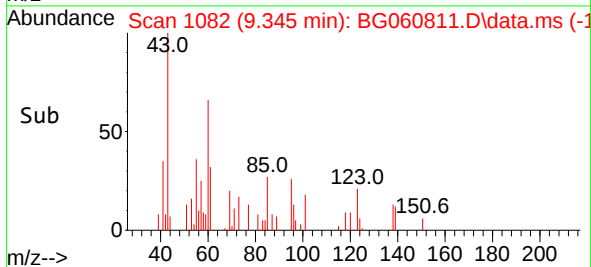
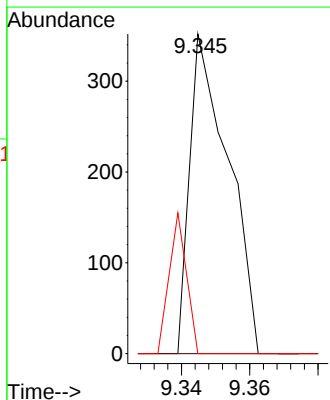
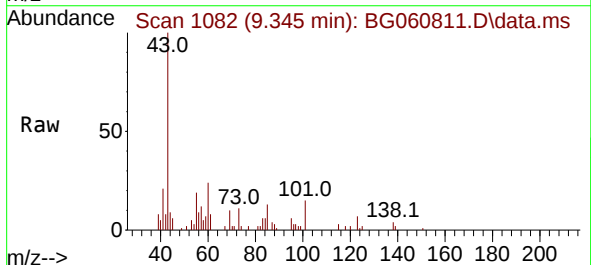


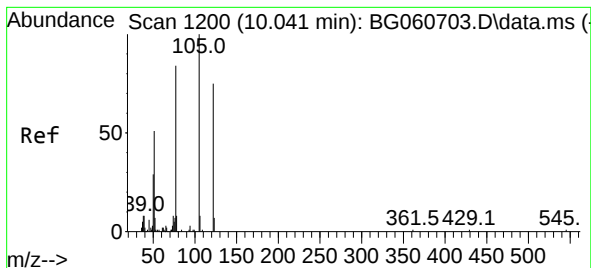
Tgt Ion: 77 Resp: 2219
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 29.3 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.131 ng
RT: 9.345 min Scan# 1082
Delta R.T. -0.520 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:139 Resp: 276
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#





#32

Benzoic acid

Concen: 9.088 ng

RT: 10.003 min Scan# 1194

Delta R.T. -0.038 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

Instrument :

BNA_G

ClientSampleId :

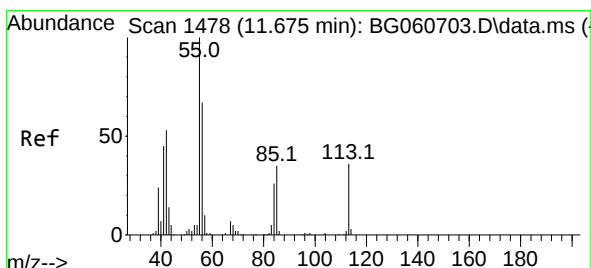
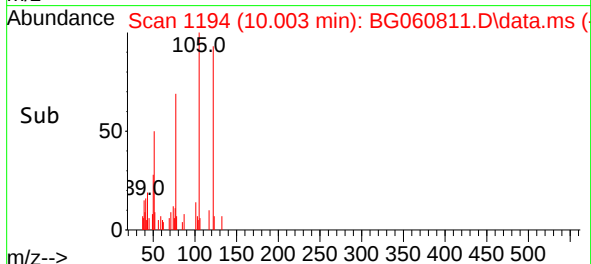
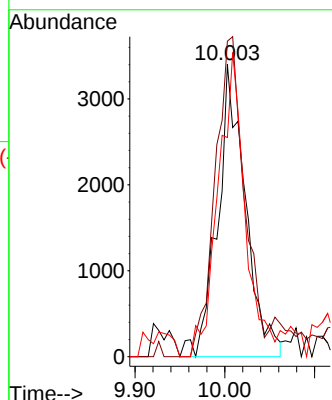
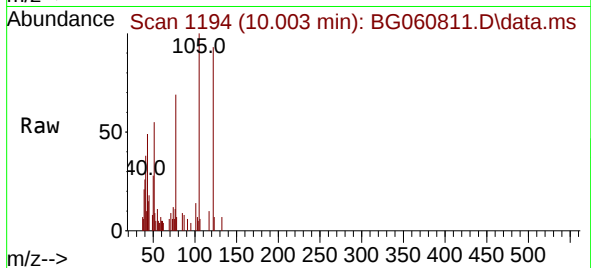
Tgt Ion:122 Resp: 7345

Ion Ratio Lower Upper

122 100

105 108.0 104.5 144.5

77 75.0 85.3 125.3#



#35

Caprolactam

Concen: 2.856 ng

RT: 11.801 min Scan# 1500

Delta R.T. 0.126 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

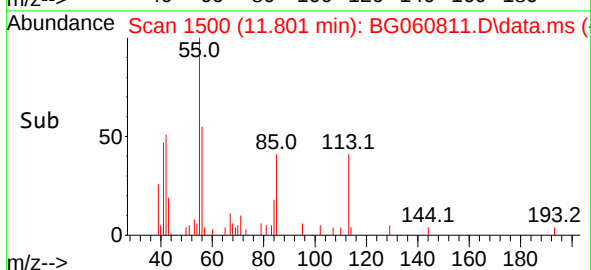
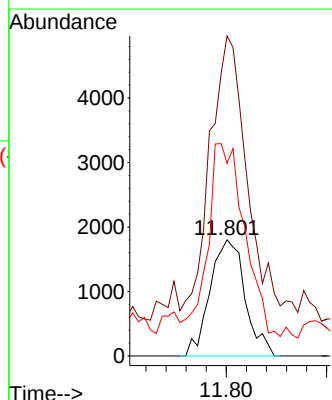
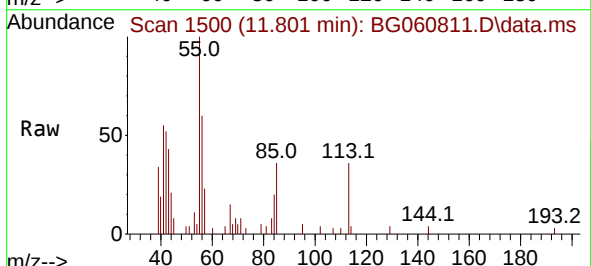
Tgt Ion:113 Resp: 4367

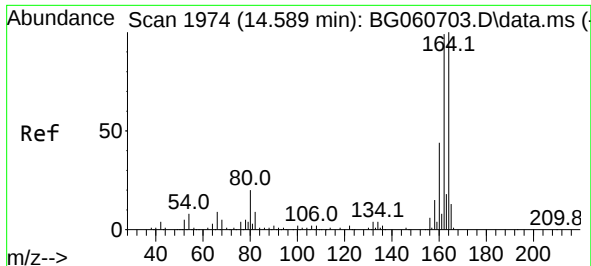
Ion Ratio Lower Upper

113 100

55 275.6 258.0 298.0

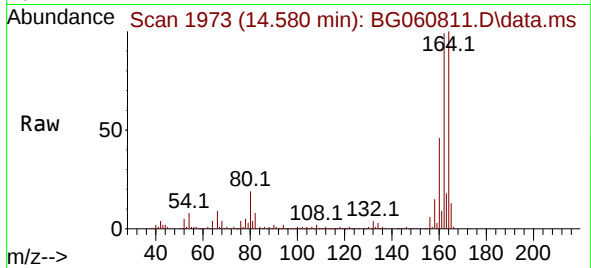
56 165.9 166.3 206.3#



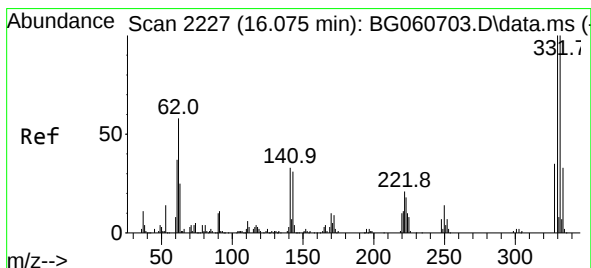
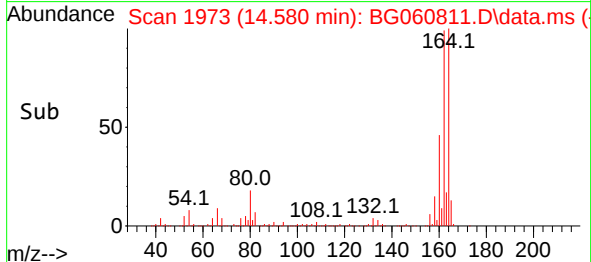
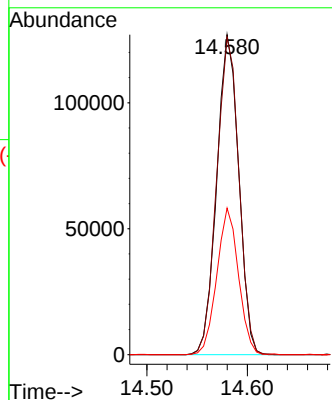


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Instrument :
BNA_G
ClientSampleId :

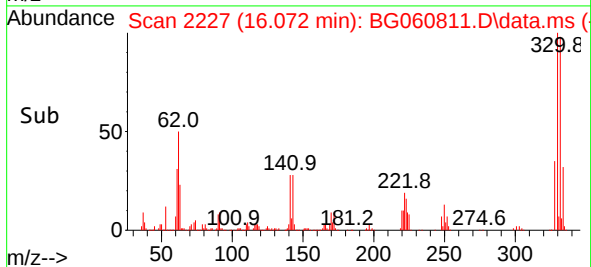
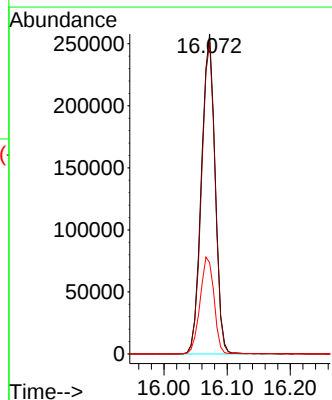
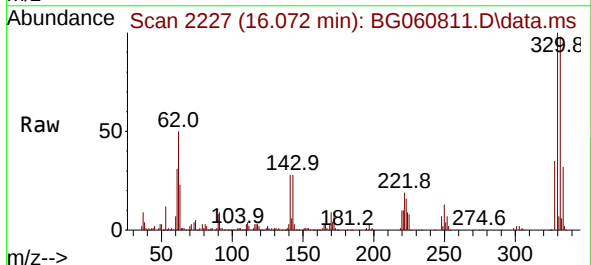


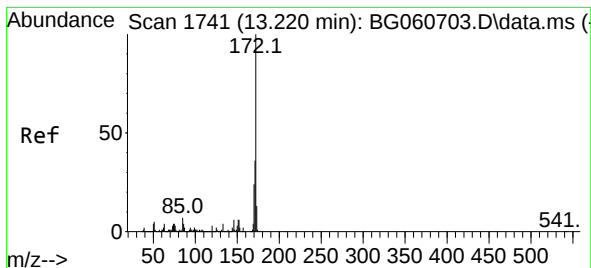
Tgt Ion:164 Resp: 193182
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 45.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 177.112 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:330 Resp: 388395
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 31.0 27.0 40.6





#45

2-Fluorobiphenyl

Concen: 92.612 ng

RT: 13.211 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

Instrument :

BNA_G

ClientSampleId :

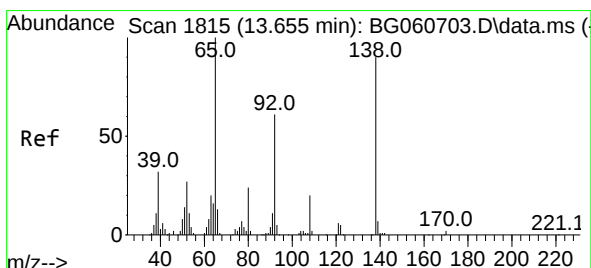
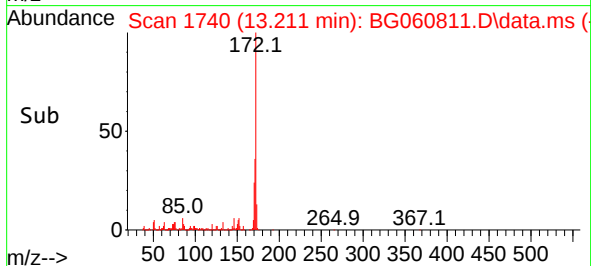
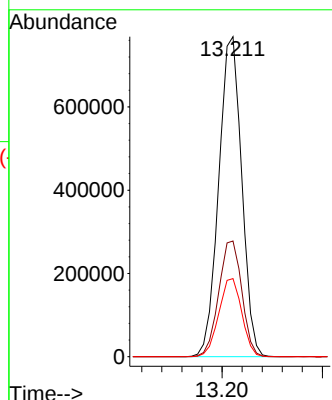
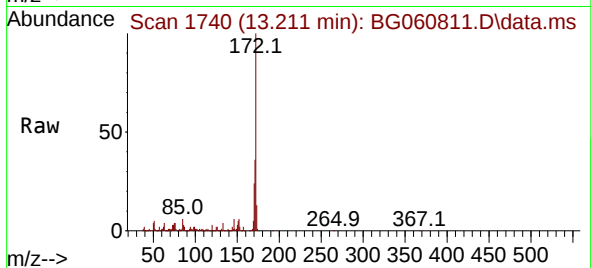
Tgt Ion:172 Resp: 1219040

Ion Ratio Lower Upper

172 100

171 36.2 28.7 43.1

170 24.4 19.4 29.0



#48

2-Nitroaniline

Concen: 2.816 ng

RT: 13.657 min Scan# 1816

Delta R.T. 0.002 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

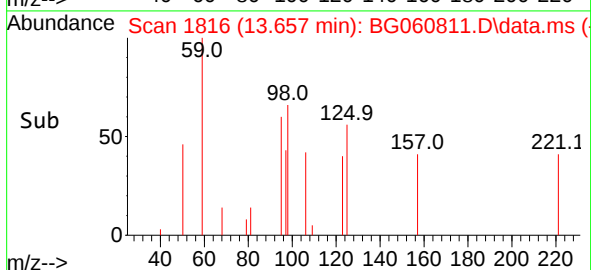
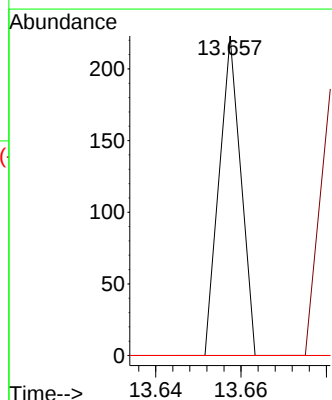
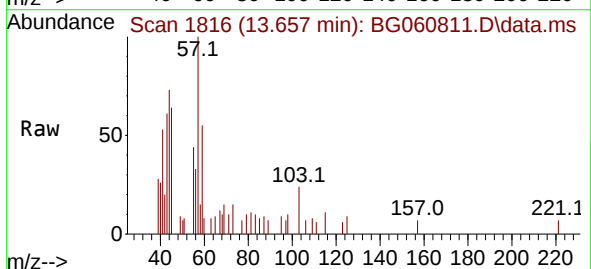
Tgt Ion: 65 Resp: 79

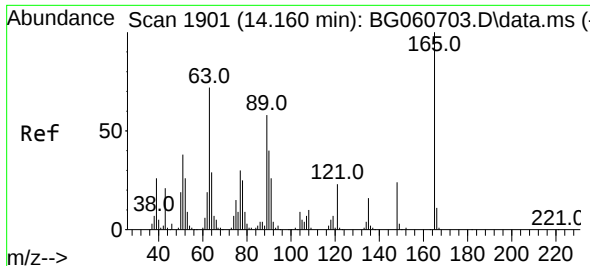
Ion Ratio Lower Upper

65 100

92 0.0 48.6 72.8#

138 0.0 72.2 108.4#

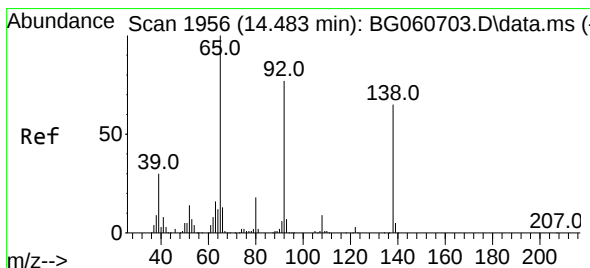
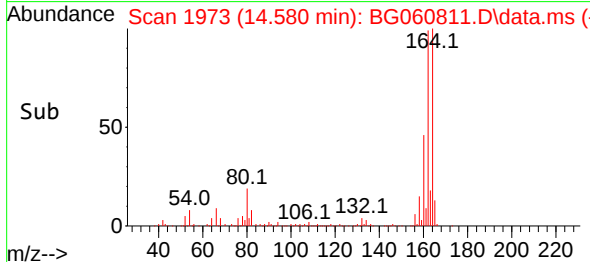
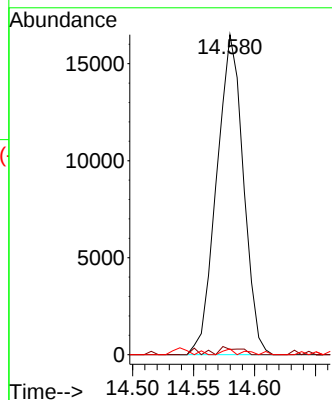
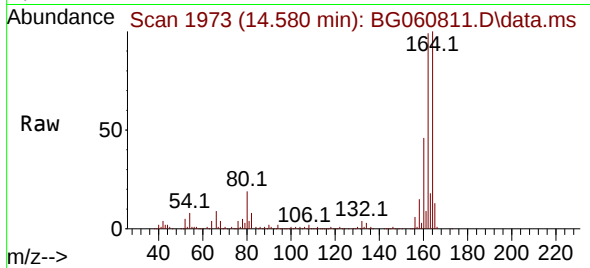




#51
2,6-Dinitrotoluene
Concen: 12.022 ng
RT: 14.580 min Scan# 1901
Delta R.T. 0.420 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

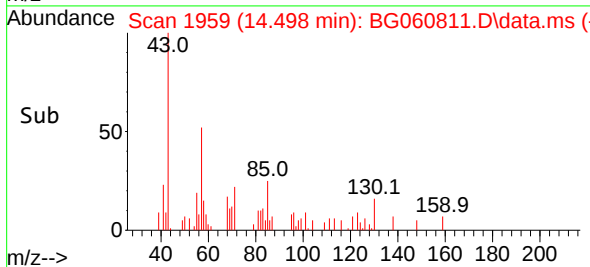
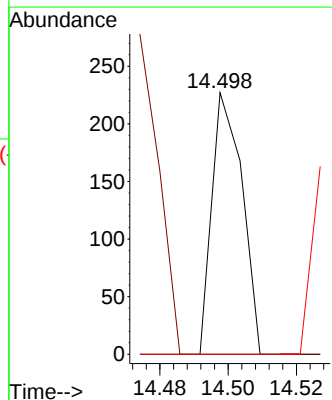
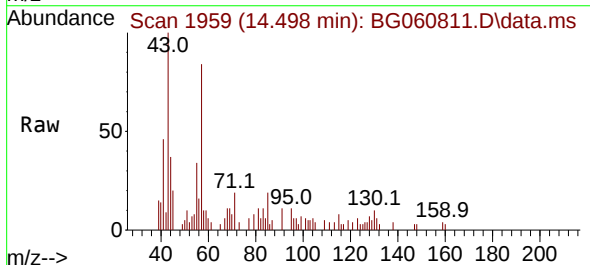
Instrument :
BNA_G
ClientSampleId :

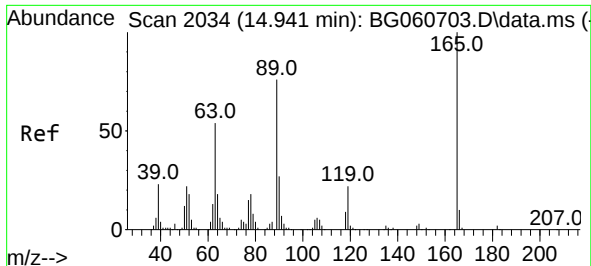
Tgt Ion:165 Resp: 25145
Ion Ratio Lower Upper
165 100
63 1.7 58.2 87.4#
89 1.8 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.895 ng
RT: 14.498 min Scan# 1959
Delta R.T. 0.015 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

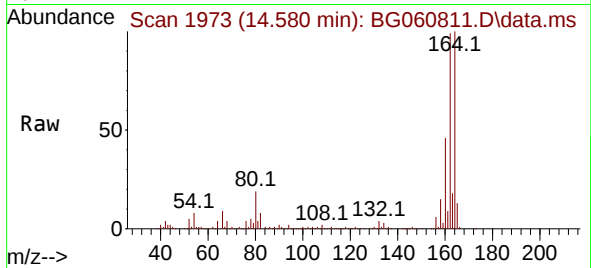
Tgt Ion:138 Resp: 139
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



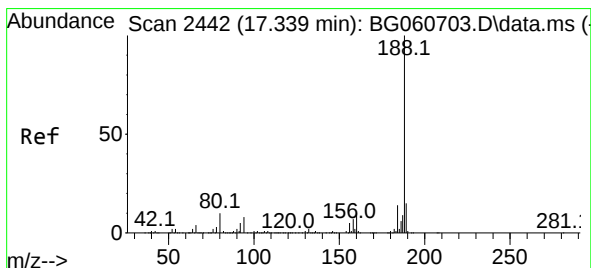
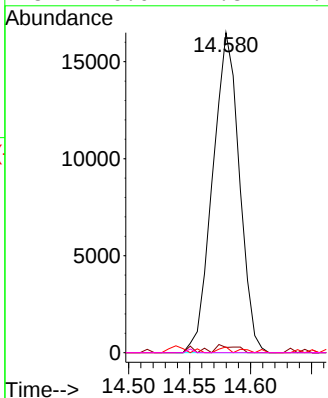
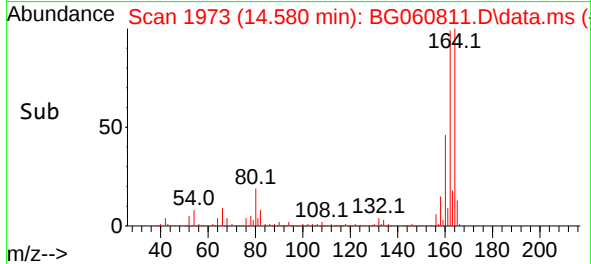


#57
2,4-Dinitrotoluene
Concen: 10.116 ng
RT: 14.580 min Scan# 14
Delta R.T. -0.361 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Instrument :
BNA_G
ClientSampleId :

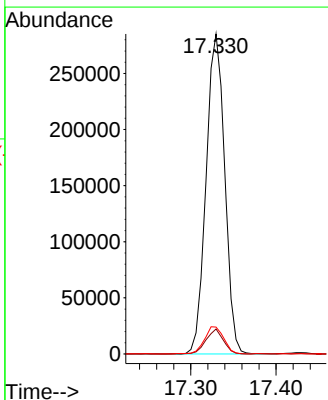
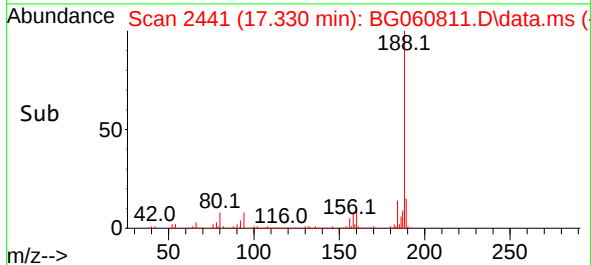
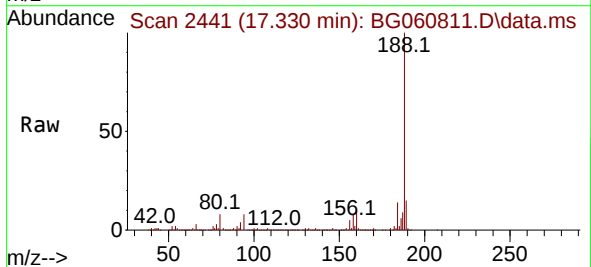


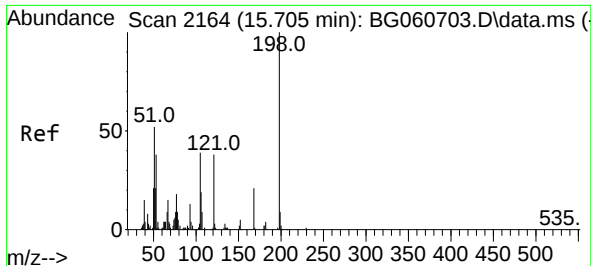
Tgt Ion:165 Resp: 25145
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 1.8 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:188 Resp: 432679
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 8.4 7.6 11.4

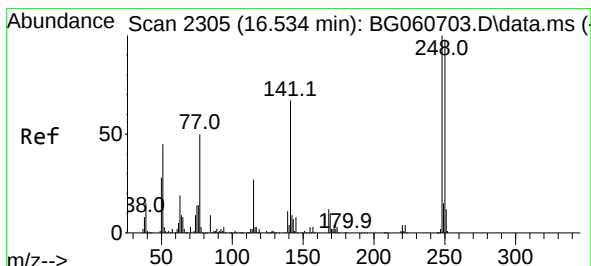
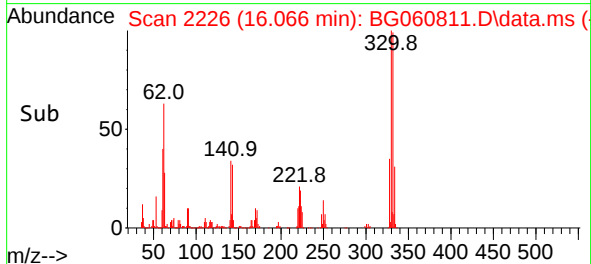
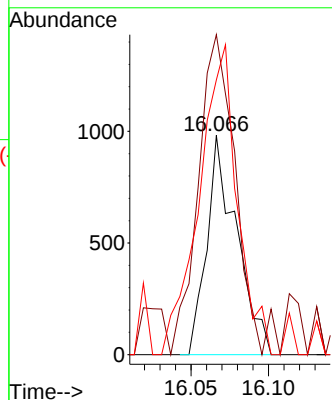
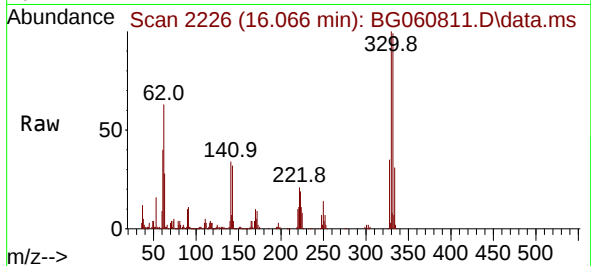




#65
4,6-Dinitro-2-methylphenol
Concen: 7.659 ng
RT: 16.066 min Scan# 2164
Delta R.T. 0.361 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

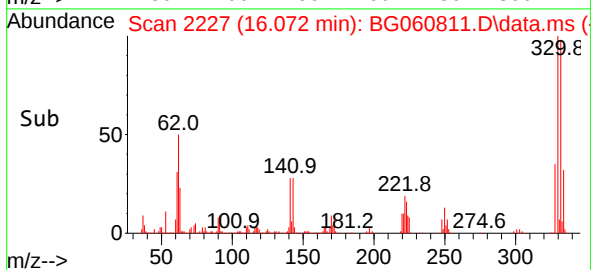
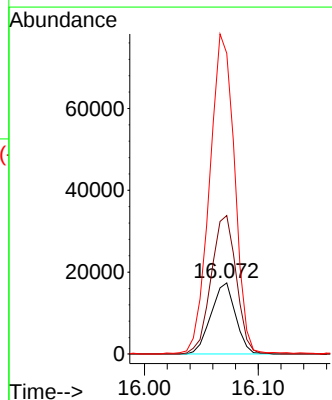
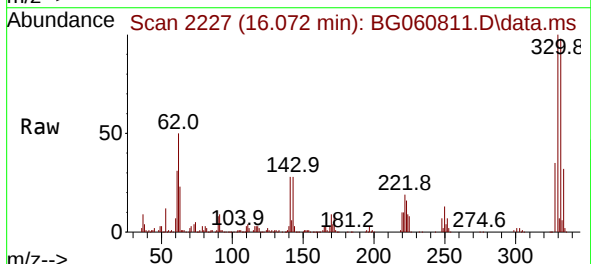
Instrument :
BNA_G
ClientSampleId :

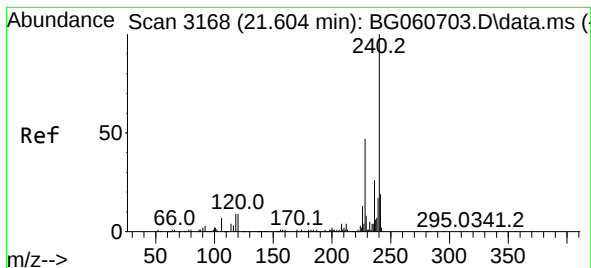
Tgt Ion:198 Resp: 1308
Ion Ratio Lower Upper
198 100
51 145.9 36.7 76.7#
105 125.3 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.930 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.462 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:248 Resp: 26041
Ion Ratio Lower Upper
248 100
250 194.9 78.3 117.5#
141 423.5 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 31

Delta R.T. -0.015 min

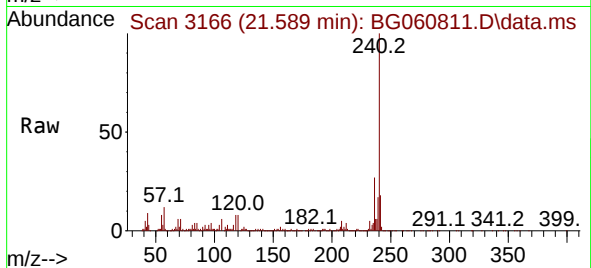
Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

Instrument :

BNA_G

ClientSampleId :



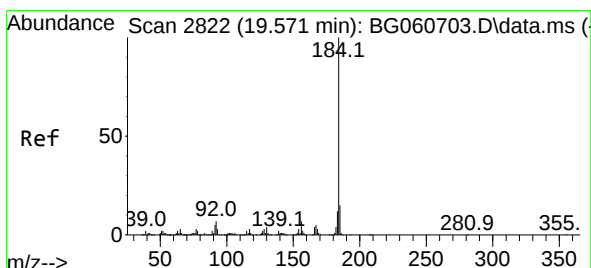
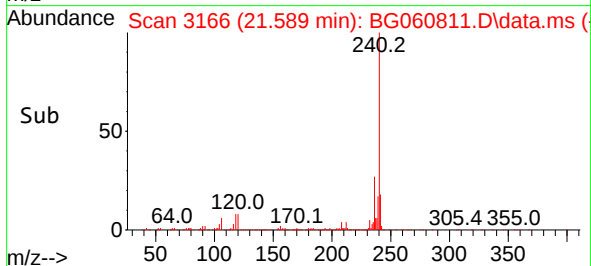
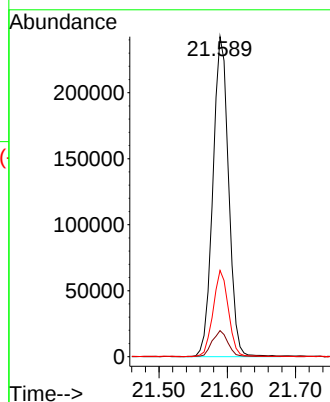
Tgt Ion:240 Resp: 389256

Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

236 27.0 20.7 31.1



#77

Benzidine

Concen: 3.043 ng

RT: 19.956 min Scan# 2888

Delta R.T. 0.385 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

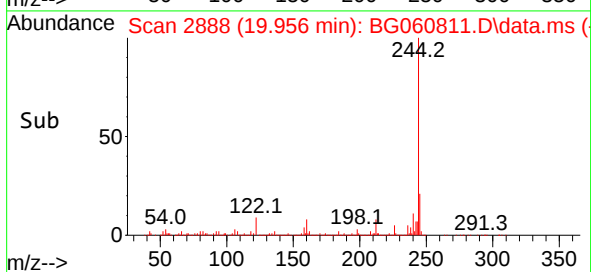
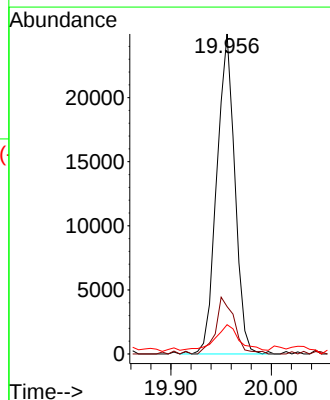
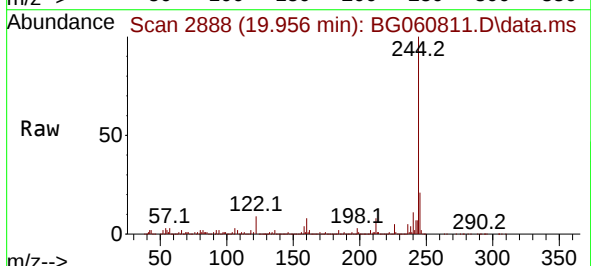
Tgt Ion:184 Resp: 31191

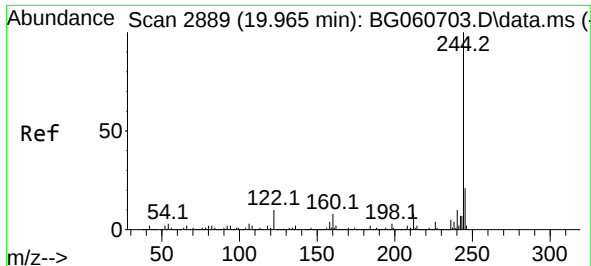
Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

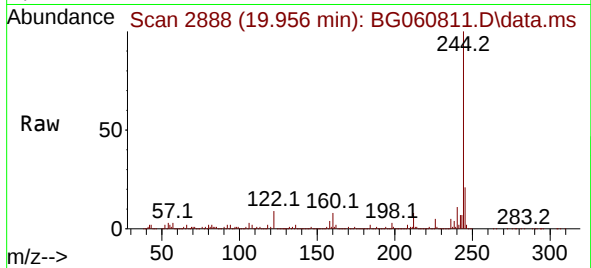
183 9.1 9.5 14.3#



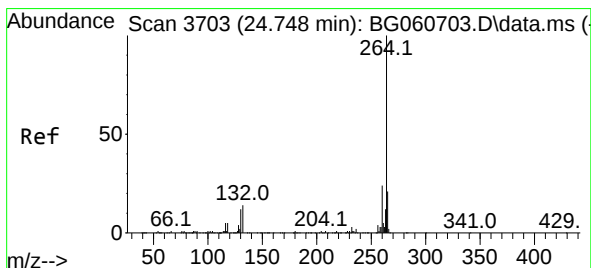
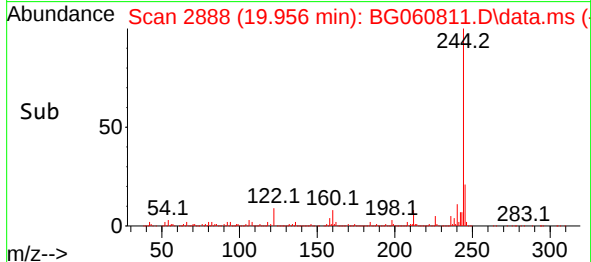
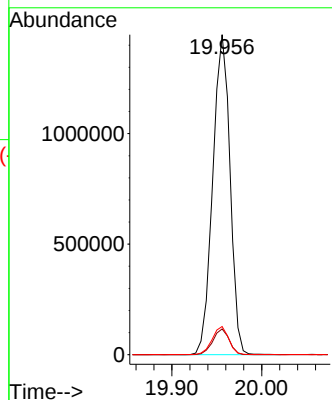


#79
 Terphenyl-d14
 Concen: 87.425 ng
 RT: 19.956 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG060811.D
 Acq: 6 Apr 2024 14:52

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1932654
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 8.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 3700
 Delta R.T. -0.021 min
 Lab File: BG060811.D
 Acq: 6 Apr 2024 14:52

Tgt Ion:264 Resp: 471653
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 22.1 16.9 25.3

