

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060236.D
 Acq On : 3 Jan 2024 21:01
 Operator : MA/JU
 Sample : 06039-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

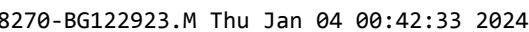
Instrument :
 BNA_G
 ClientSampleId :

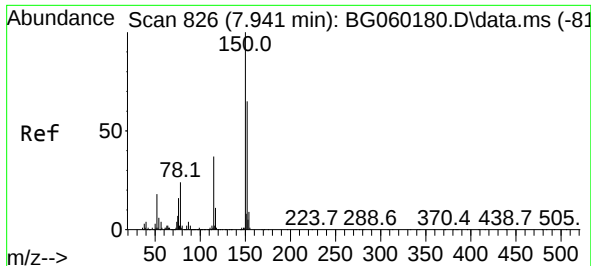
Quant Time: Jan 04 00:42:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	210569	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	872016	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	644851	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1511647	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1409425	20.000	ng	0.00
86) Perylene-d12	24.762	264	1610432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1242674	89.074	ng	0.00
7) Phenol-d6	7.101	99	1898872	91.670	ng	0.00
23) Nitrobenzene-d5	9.099	82	1125507	59.617	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	794001	91.983	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	2814129	62.720	ng	0.00
79) Terphenyl-d14	19.945	244	4094550	55.851	ng	0.00
Target Compounds						
9) Benzaldehyde	7.071	77	898708	72.163	ng	97
19) n-Nitroso-di-n-propyla...	9.093	70	133381	9.426	ng	# 85
22) Acetophenone	8.752	105	409626	15.855	ng	# 98
24) Nitrobenzene	8.875	77	39143	2.026	ng	# 43
27) 2,4-Dimethylphenol	10.009	122	177180	18.558	ng	# 3
32) Benzoic acid	10.009	122	177180	26.593	ng	93
36) 4-Chloro-3-methylphenol	12.330	107	2393436	154.126	ng	# 19
48) 2-Nitroaniline	14.040	65	156086	14.776	ng	# 1
50) Dimethylphthalate	14.040	163	8571902	172.170	ng	# 62
51) 2,6-Dinitrotoluene	14.040	165	187221	18.079	ng	# 4
54) 2,4-Dinitrophenol	14.680	184	214	8.268	ng	# 76
57) 2,4-Dinitrotoluene	15.062	165	34941	2.481	ng	# 42
67) 4-Bromophenyl-phenylether	16.061	248	47481	2.963	ng	# 1

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

Quant Time: Jan 04 00:42:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
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QLast Update : Sat Dec 30 03:14:04 2023
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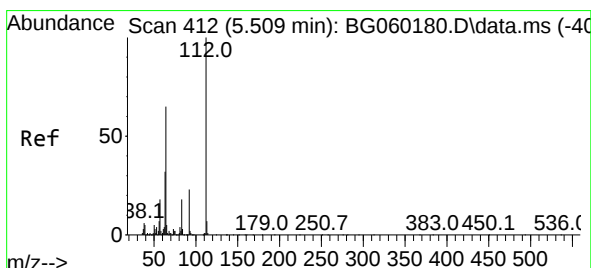
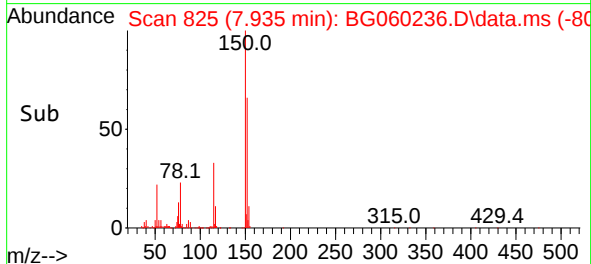
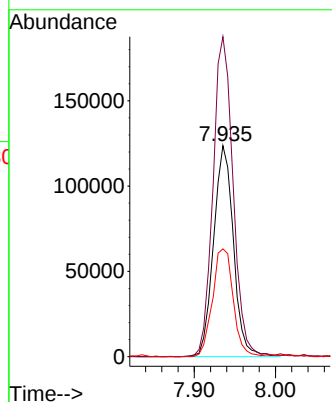
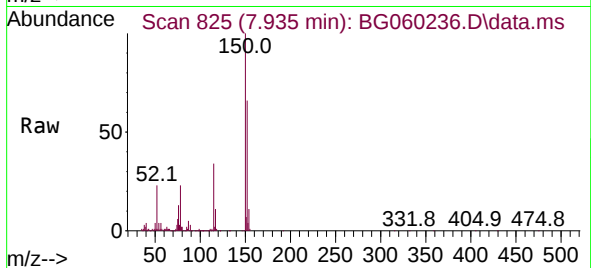




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

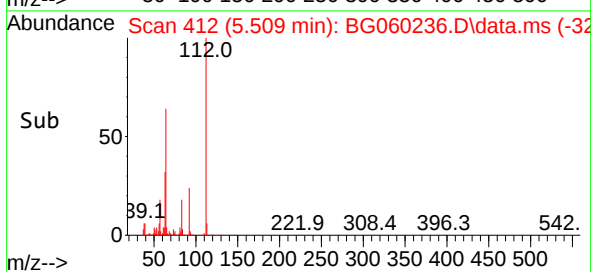
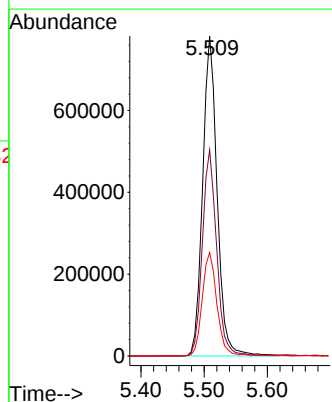
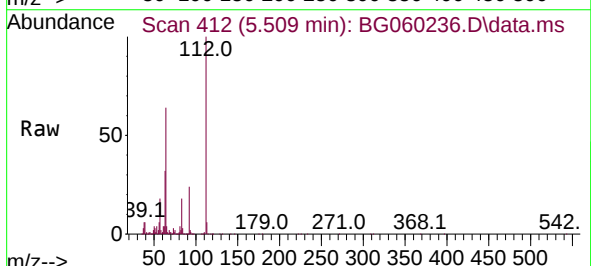
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BNA_G
ClientSampleId :

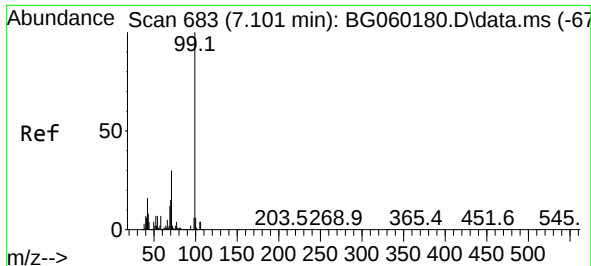
Tgt Ion:152 Resp: 210569
Ion Ratio Lower Upper
152 100
150 151.6 123.4 185.0
115 51.1 45.4 68.0



#5
2-Fluorophenol
Concen: 89.074 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:112 Resp: 1242674
Ion Ratio Lower Upper
112 100
64 64.4 52.2 78.4
63 32.3 25.4 38.0



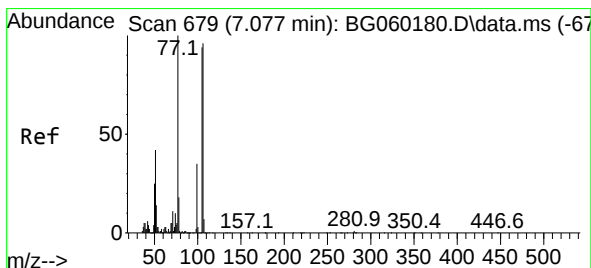
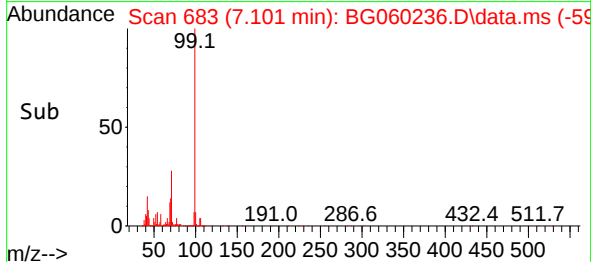
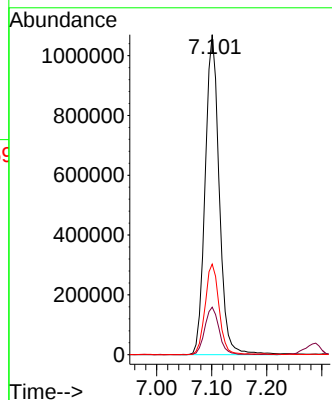
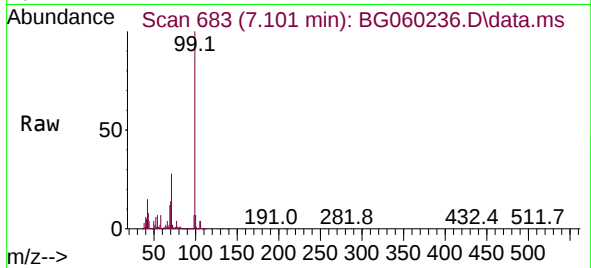


#7
Phenol-d6
Concen: 91.670 ng
RT: 7.101 min Scan# 683
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 1898872

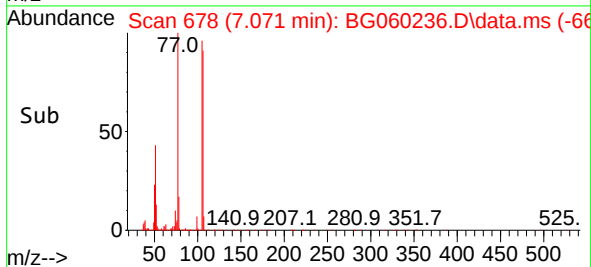
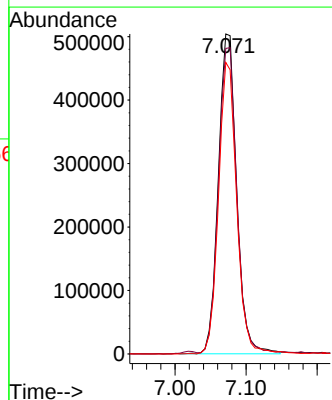
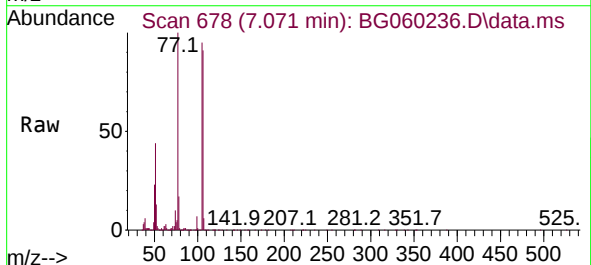
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.5	18.7
71	28.3	24.1	36.1

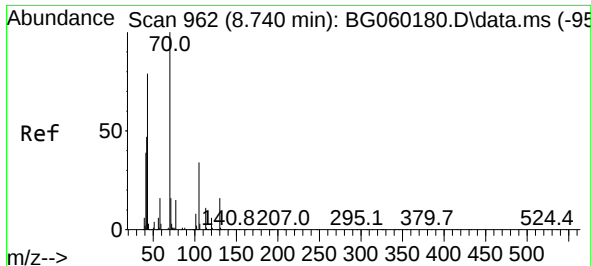


#9
Benzaldehyde
Concen: 72.163 ng
RT: 7.071 min Scan# 678
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion: 77 Resp: 898708

Ion	Ratio	Lower	Upper
77	100		
105	95.5	73.8	113.8
106	91.1	76.2	116.2

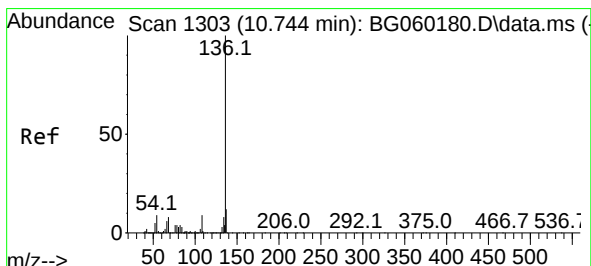
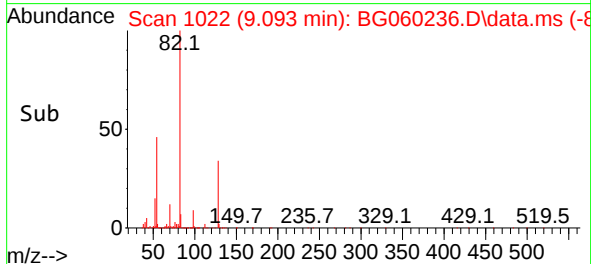
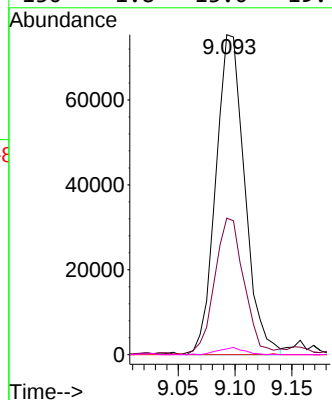
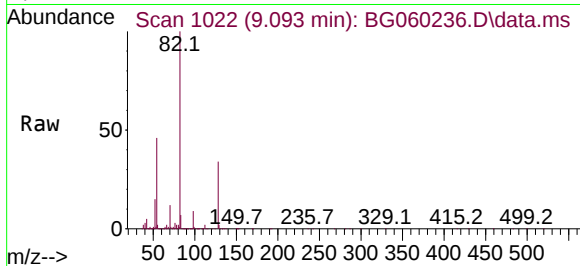




#19
n-Nitroso-di-n-propylamine
Concen: 9.426 ng
RT: 9.093 min Scan# 10
Delta R.T. 0.352 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

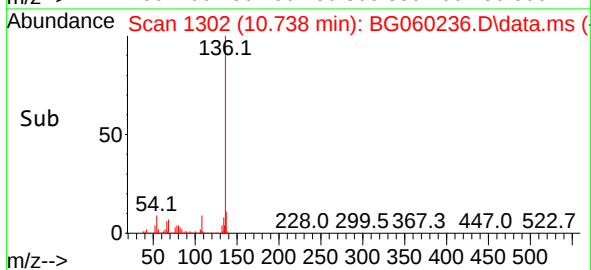
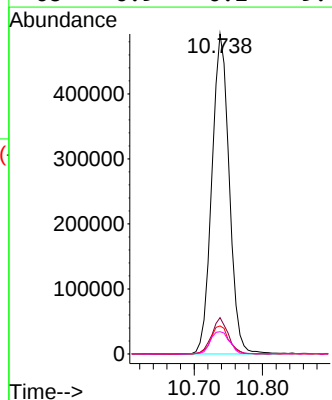
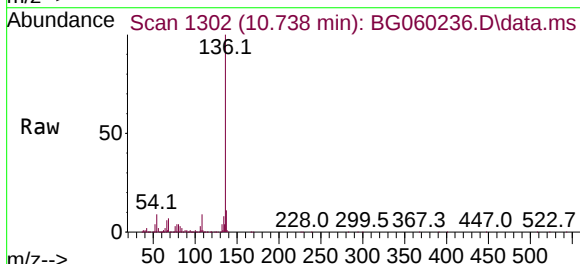
Instrument :
BNA_G
ClientSampleId :

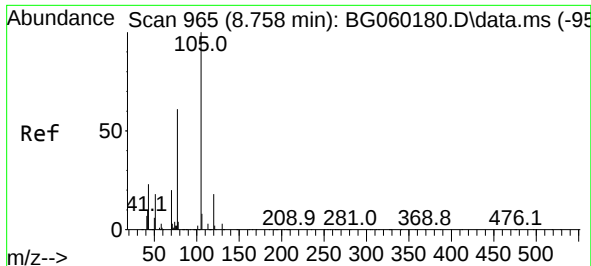
Tgt Ion: 70 Resp: 133381
Ion Ratio Lower Upper
70 100
42 42.7 37.9 56.9
101 0.0 6.2 9.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:136 Resp: 872016
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 8.7 7.4 11.2
68 6.9 6.2 9.4

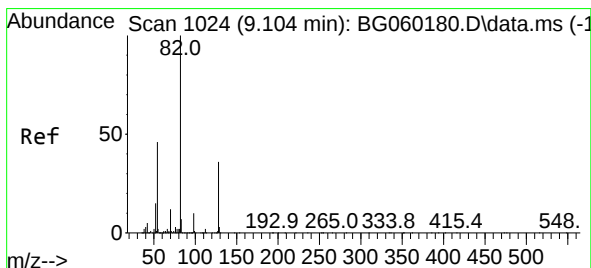
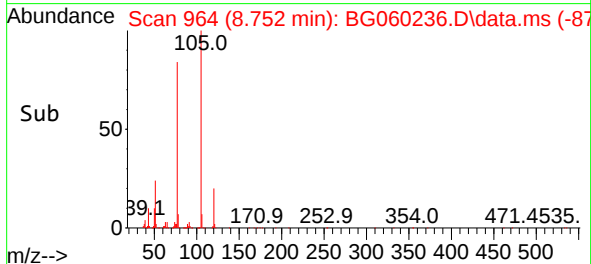
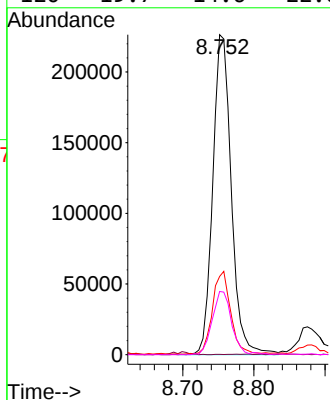
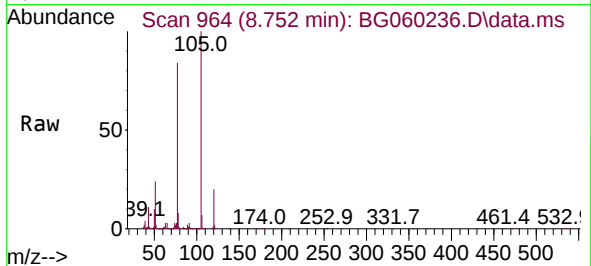




#22
Acetophenone
Concen: 15.855 ng
RT: 8.752 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

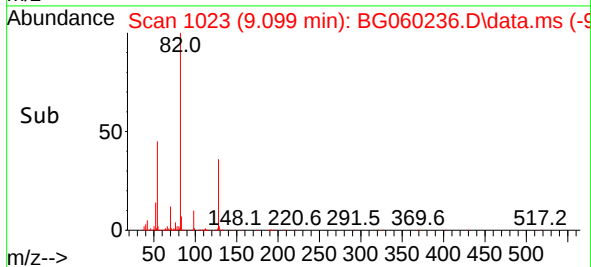
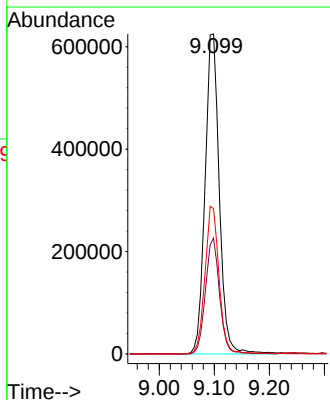
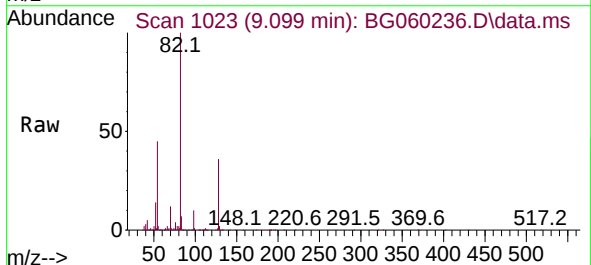
Instrument :
BNA_G
ClientSampleId :

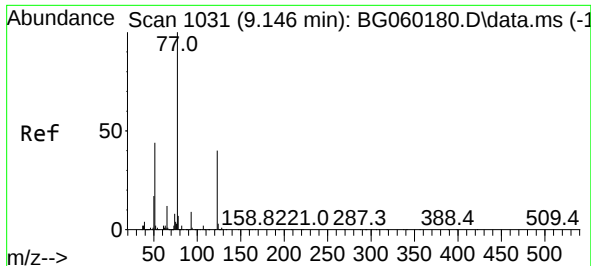
Tgt Ion:105 Resp: 409626
Ion Ratio Lower Upper
105 100
71 0.1 2.6 3.8#
51 24.5 20.0 30.0
120 19.7 14.6 22.0



#23
Nitrobenzene-d5
Concen: 59.617 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion: 82 Resp: 1125507
Ion Ratio Lower Upper
82 100
128 36.2 28.7 43.1
54 45.4 36.9 55.3

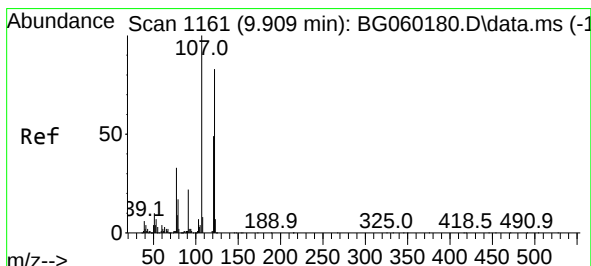
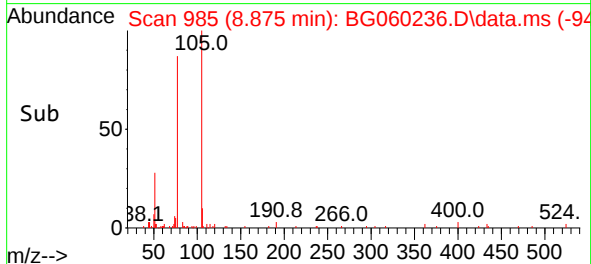
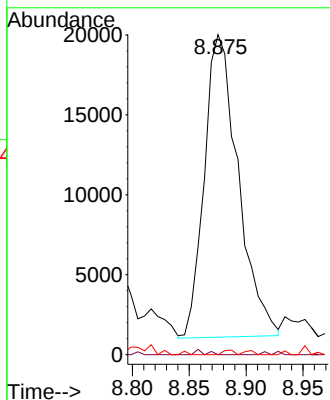
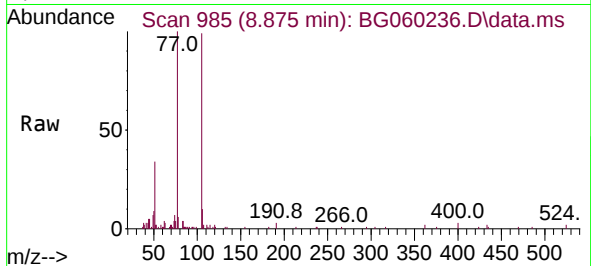




#24
Nitrobenzene
Concen: 2.026 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.270 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

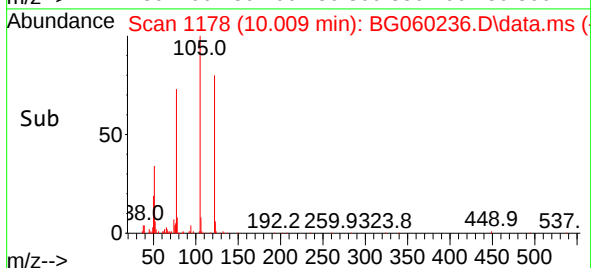
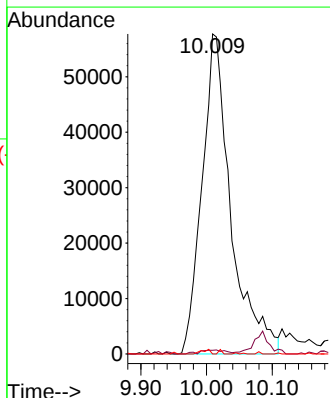
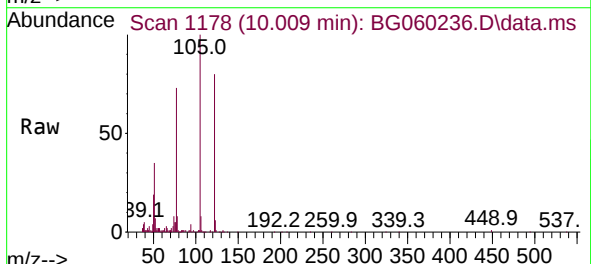
Instrument :
BNA_G
ClientSampleId :

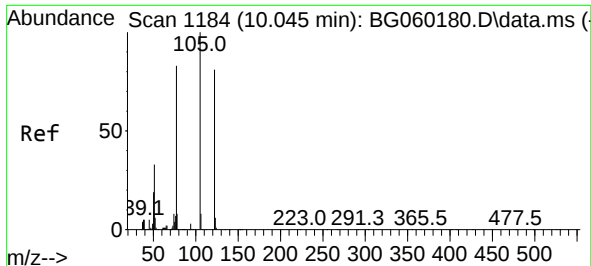
Tgt Ion: 77 Resp: 39143
Ion Ratio Lower Upper
77 100
123 0.0 31.9 47.9#
65 0.0 9.9 14.9#



#27
2,4-Dimethylphenol
Concen: 18.558 ng
RT: 10.009 min Scan# 1178
Delta R.T. 0.100 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:122 Resp: 177180
Ion Ratio Lower Upper
122 100
107 1.1 95.8 143.6#
121 0.0 46.2 69.4#

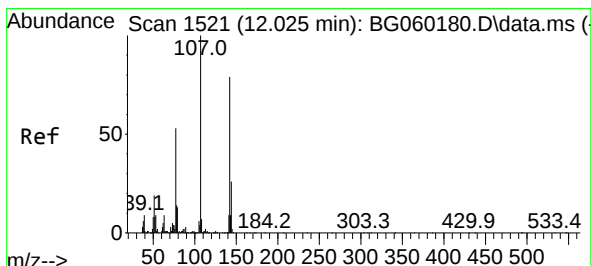
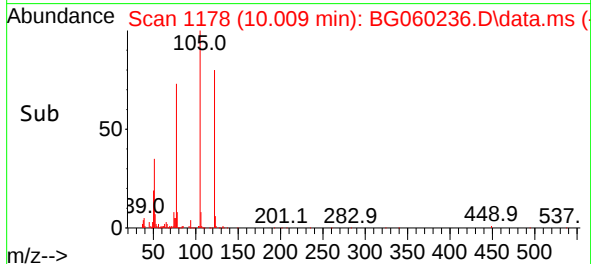
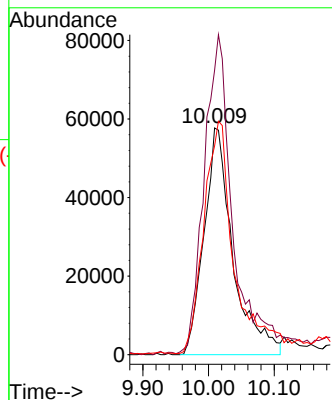
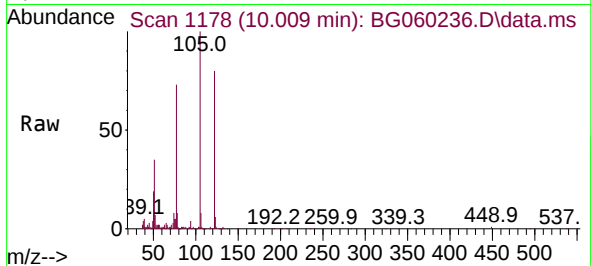




#32
Benzoic acid
Concen: 26.593 ng
RT: 10.009 min Scan# 1178
Delta R.T. -0.036 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

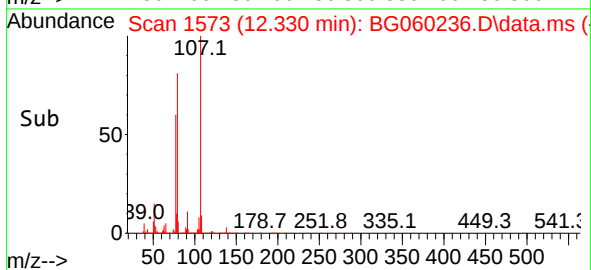
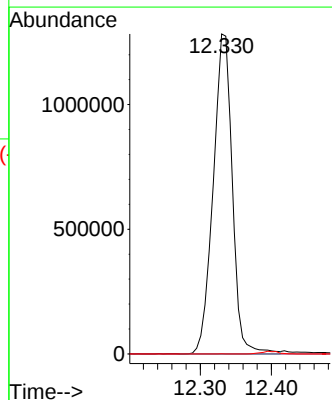
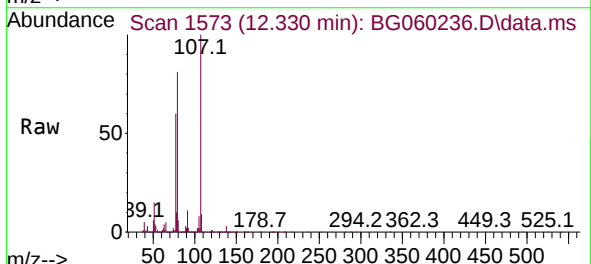
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ClientSampleId :

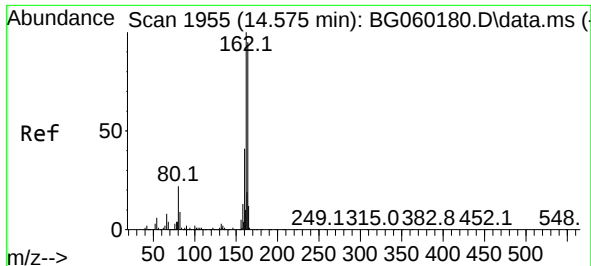
Tgt Ion:122 Resp: 177180
Ion Ratio Lower Upper
122 100
105 125.5 99.2 139.2
77 92.1 81.0 121.0



#36
4-Chloro-3-methylphenol
Concen: 154.126 ng
RT: 12.330 min Scan# 1573
Delta R.T. 0.305 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:107 Resp: 2393436
Ion Ratio Lower Upper
107 100
144 0.0 20.8 31.2#
142 0.0 63.4 95.2#

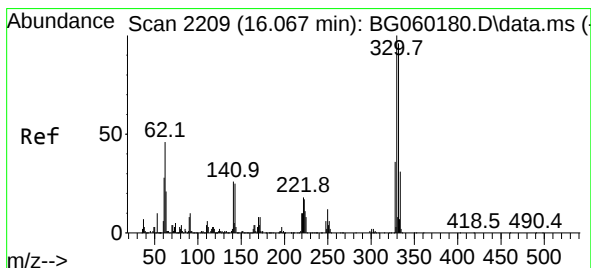
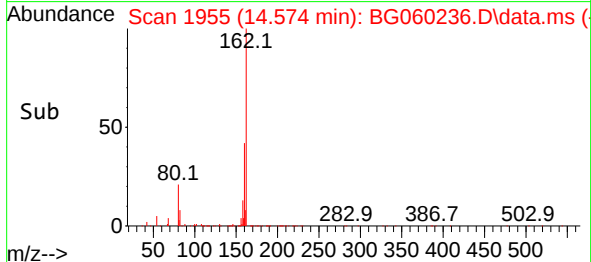
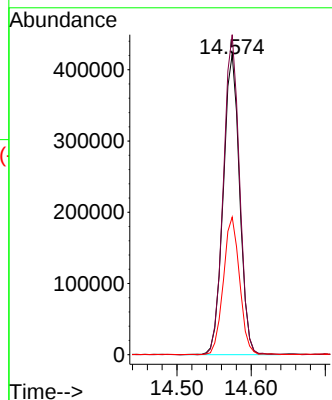
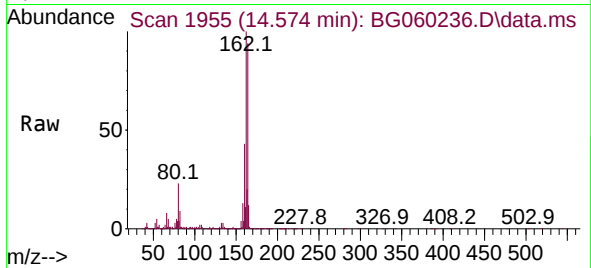




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

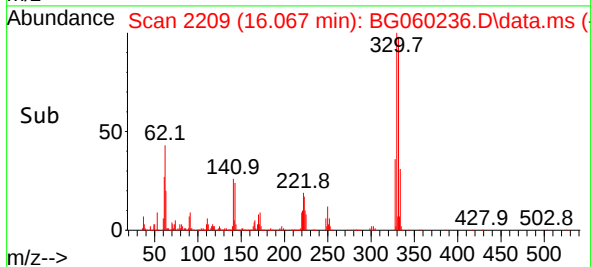
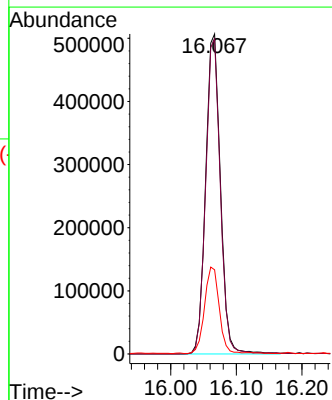
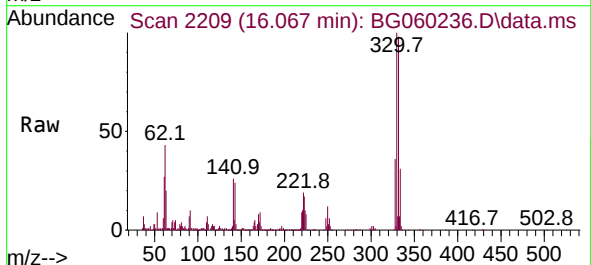
Instrument :
BNA_G
ClientSampleId :

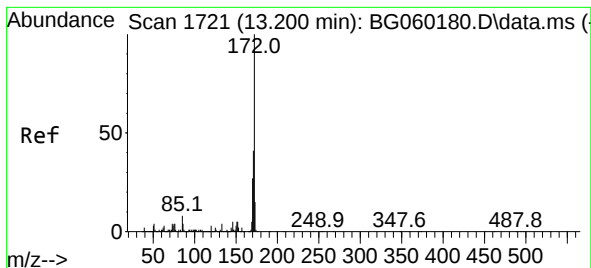
Tgt Ion:164 Resp: 644851
Ion Ratio Lower Upper
164 100
162 106.5 83.9 125.9
160 45.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 91.983 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:330 Resp: 794001
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 26.9 21.0 31.4





#45

2-Fluorobiphenyl

Concen: 62.720 ng

RT: 13.194 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060236.D

Acq: 3 Jan 2024 21:01

Instrument :

BNA_G

ClientSampleId :

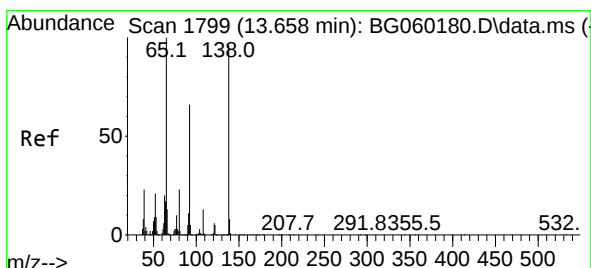
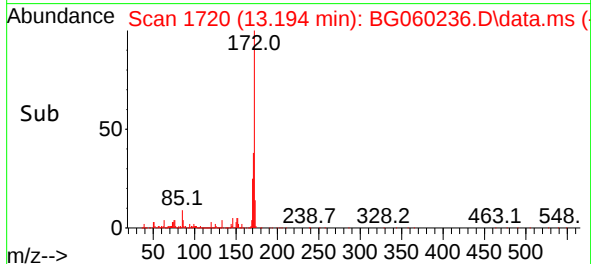
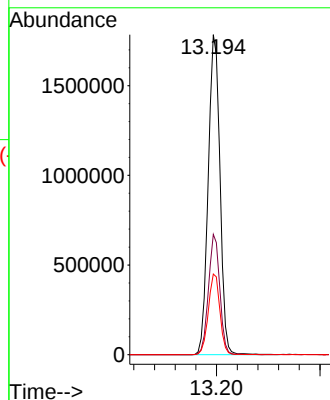
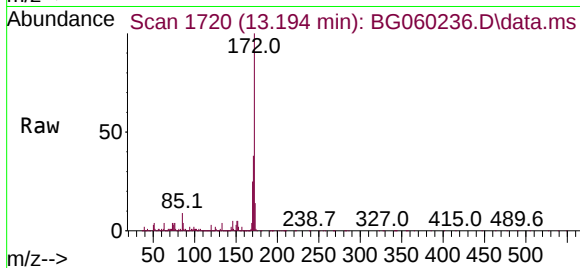
Tgt Ion:172 Resp: 2814129

Ion Ratio Lower Upper

172 100

171 37.6 32.6 48.8

170 25.2 21.8 32.6



#48

2-Nitroaniline

Concen: 14.776 ng

RT: 14.040 min Scan# 1864

Delta R.T. 0.382 min

Lab File: BG060236.D

Acq: 3 Jan 2024 21:01

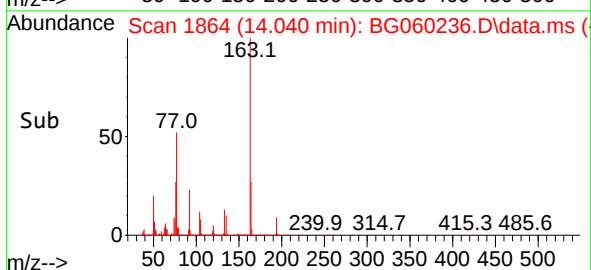
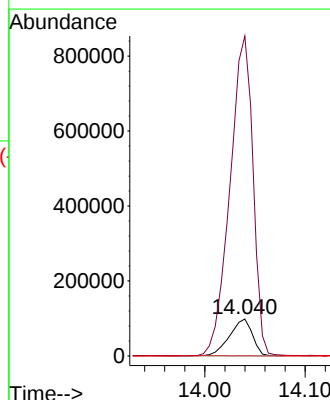
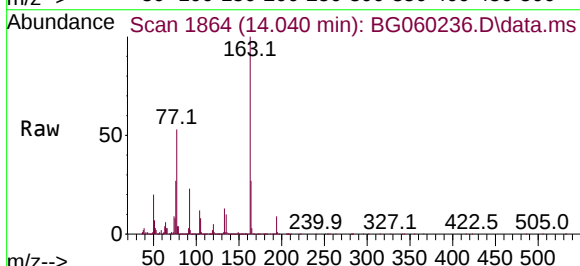
Tgt Ion: 65 Resp: 156086

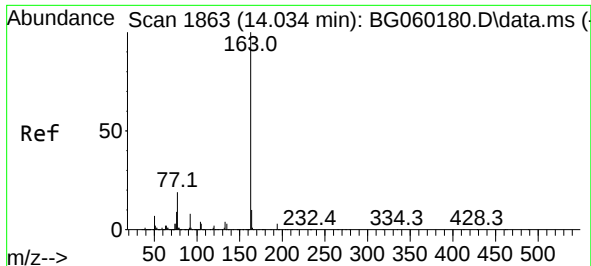
Ion Ratio Lower Upper

65 100

92 865.2 52.9 79.3#

138 0.2 76.4 114.6#

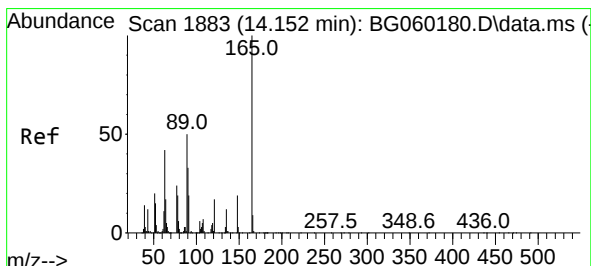
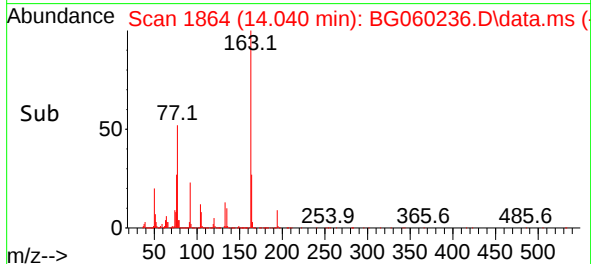
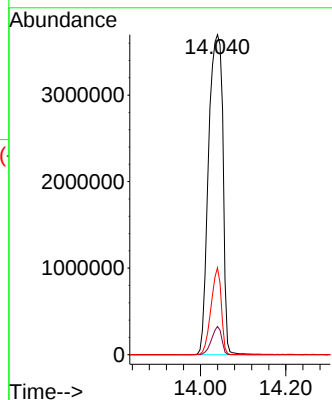
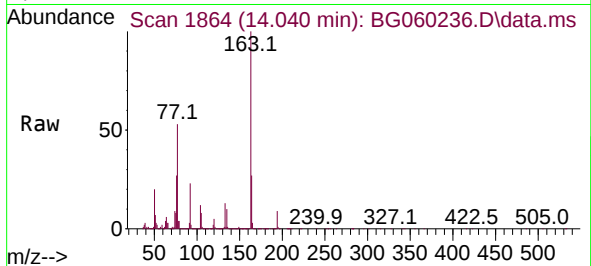




#50
Dimethylphthalate
Concen: 172.170 ng
RT: 14.040 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

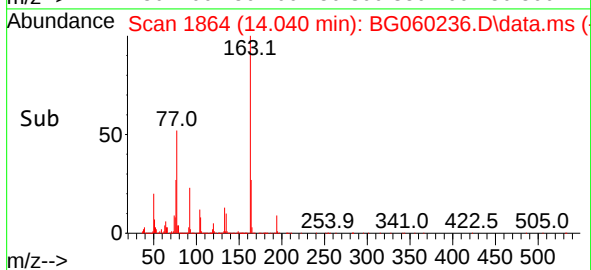
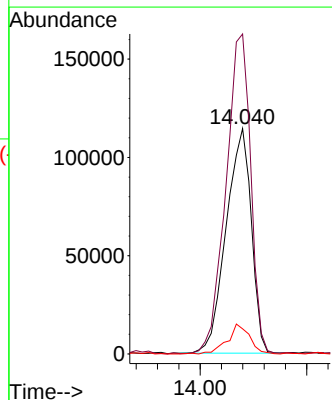
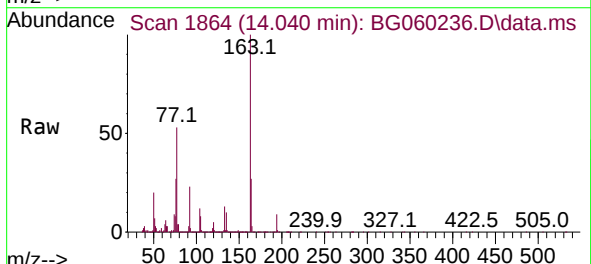
Instrument :
BNA_G
ClientSampleId :

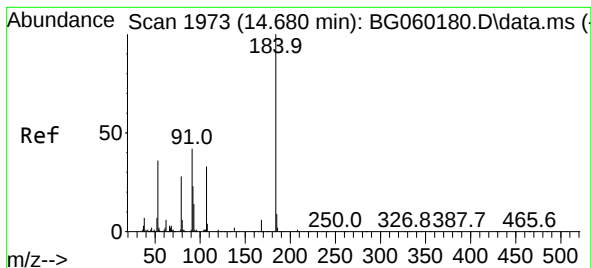
Tgt Ion:163 Resp: 8571902
Ion Ratio Lower Upper
163 100
194 8.8 2.6 4.0#
164 27.2 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 18.079 ng
RT: 14.040 min Scan# 1864
Delta R.T. -0.112 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:165 Resp: 187221
Ion Ratio Lower Upper
165 100
63 141.9 39.3 58.9#
89 11.1 39.8 59.8#

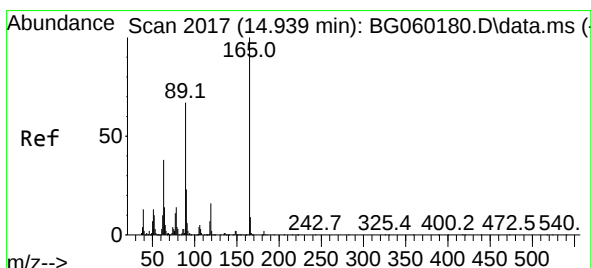
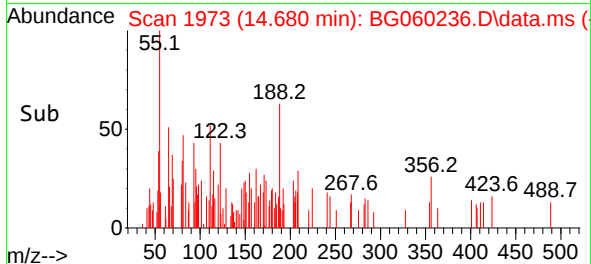
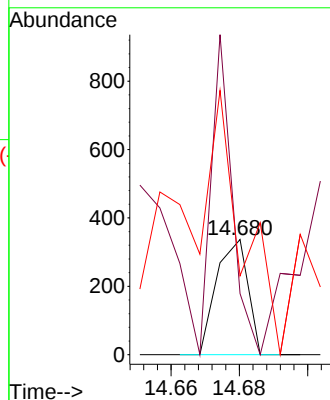
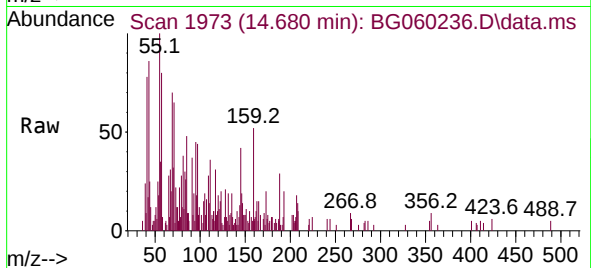




#54
2,4-Dinitrophenol
Concen: 8.268 ng
RT: 14.680 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

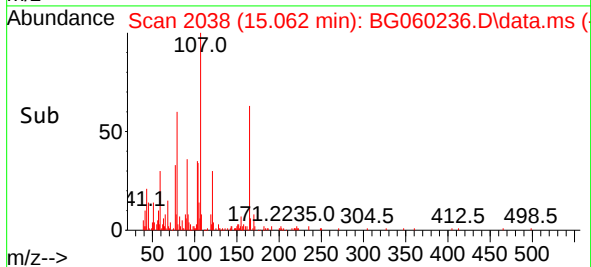
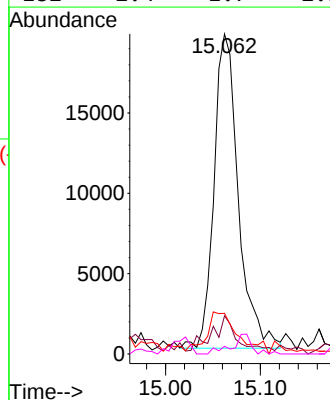
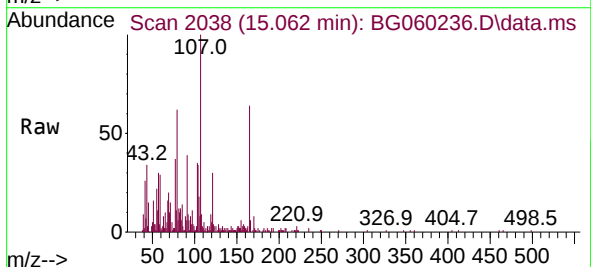
Instrument :
BNA_G
ClientSampleId :

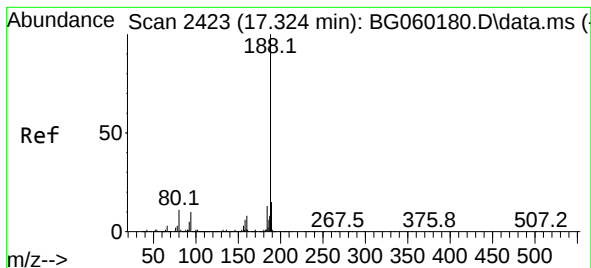
Tgt Ion:184 Resp: 214
Ion Ratio Lower Upper
184 100
63 31.9 45.4 68.2#
154 41.1 40.0 60.0



#57
2,4-Dinitrotoluene
Concen: 2.481 ng
RT: 15.062 min Scan# 2038
Delta R.T. 0.123 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:165 Resp: 34941
Ion Ratio Lower Upper
165 100
63 11.9 31.0 46.6#
89 12.7 53.3 79.9#
182 2.4 1.7 2.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060236.D

Acq: 3 Jan 2024 21:01

Instrument :

BNA_G

ClientSampleId :

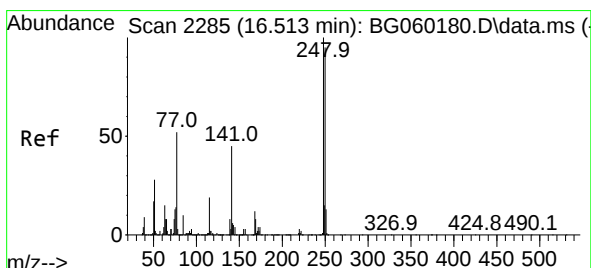
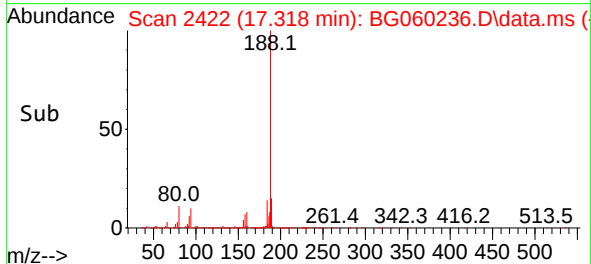
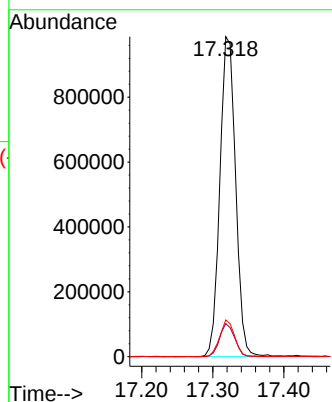
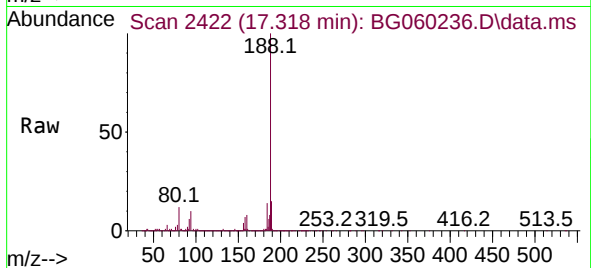
Tgt Ion:188 Resp: 1511647

Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

80 11.5 8.6 13.0



#67

4-Bromophenyl-phenylether

Concen: 2.963 ng

RT: 16.061 min Scan# 2208

Delta R.T. -0.452 min

Lab File: BG060236.D

Acq: 3 Jan 2024 21:01

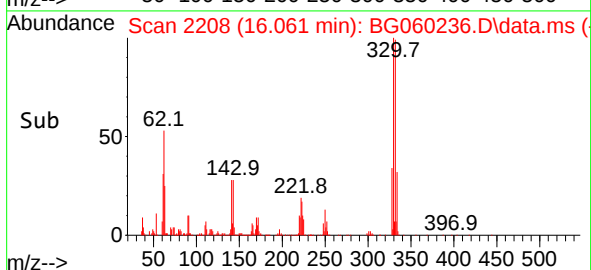
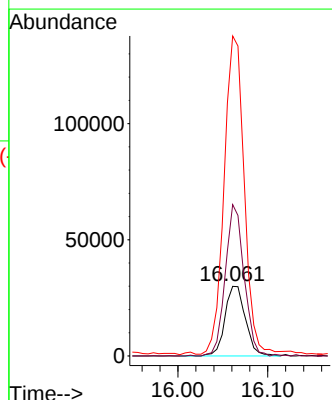
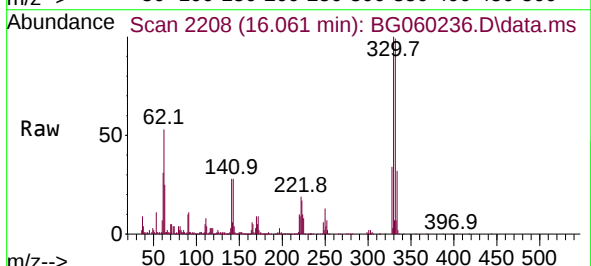
Tgt Ion:248 Resp: 47481

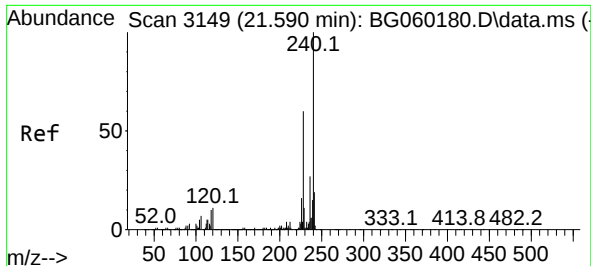
Ion Ratio Lower Upper

248 100

250 164.1 76.2 114.4#

141 346.8 36.0 54.0#

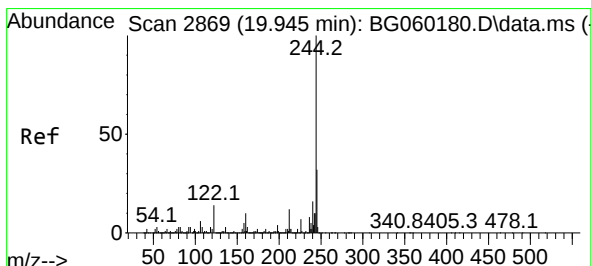
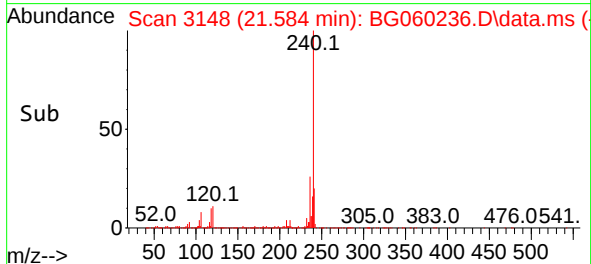
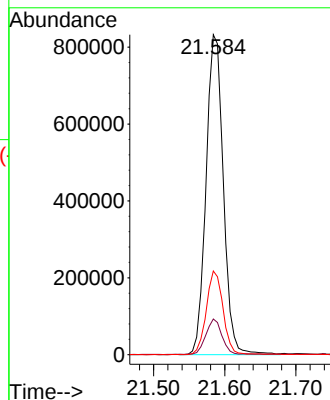
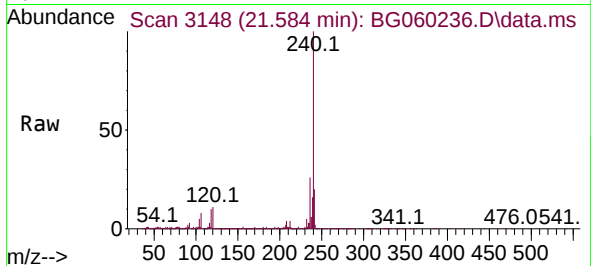




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

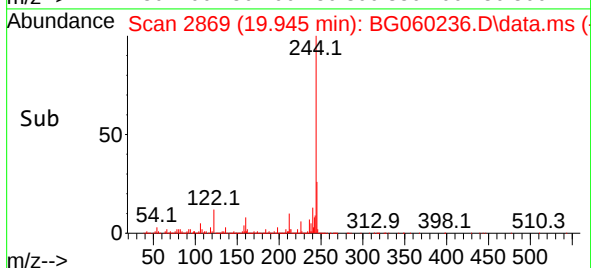
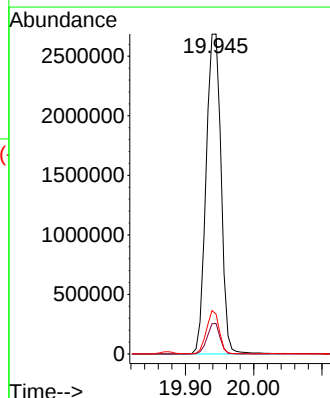
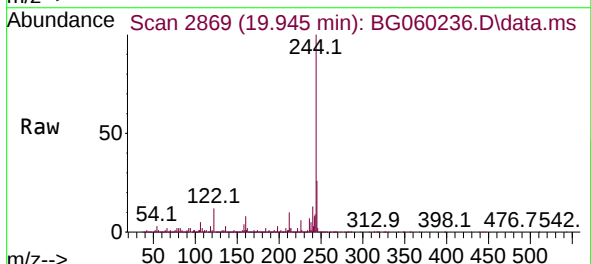
Instrument :
BNA_G
ClientSampleId :

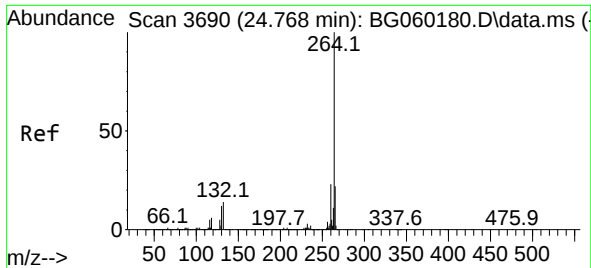
Tgt Ion:240 Resp: 1409425
Ion Ratio Lower Upper
240 100
120 11.2 8.5 12.7
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 55.851 ng
RT: 19.945 min Scan# 2869
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

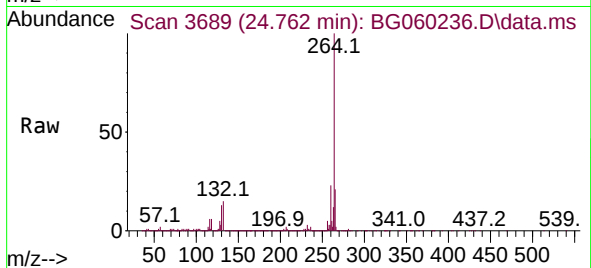
Tgt Ion:244 Resp: 4094550
Ion Ratio Lower Upper
244 100
212 9.6 9.5 14.3
122 12.5 11.4 17.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.762 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG060236.D
 Acq: 3 Jan 2024 21:01

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:264 Resp: 1610432

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.0	27.0
265	21.4	17.4	26.0

