

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060842.D
 Acq On : 9 Apr 2024 12:58
 Operator : MA/JU
 Sample : P2019-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB205-WATER

Quant Time: Apr 09 13:28:57 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)

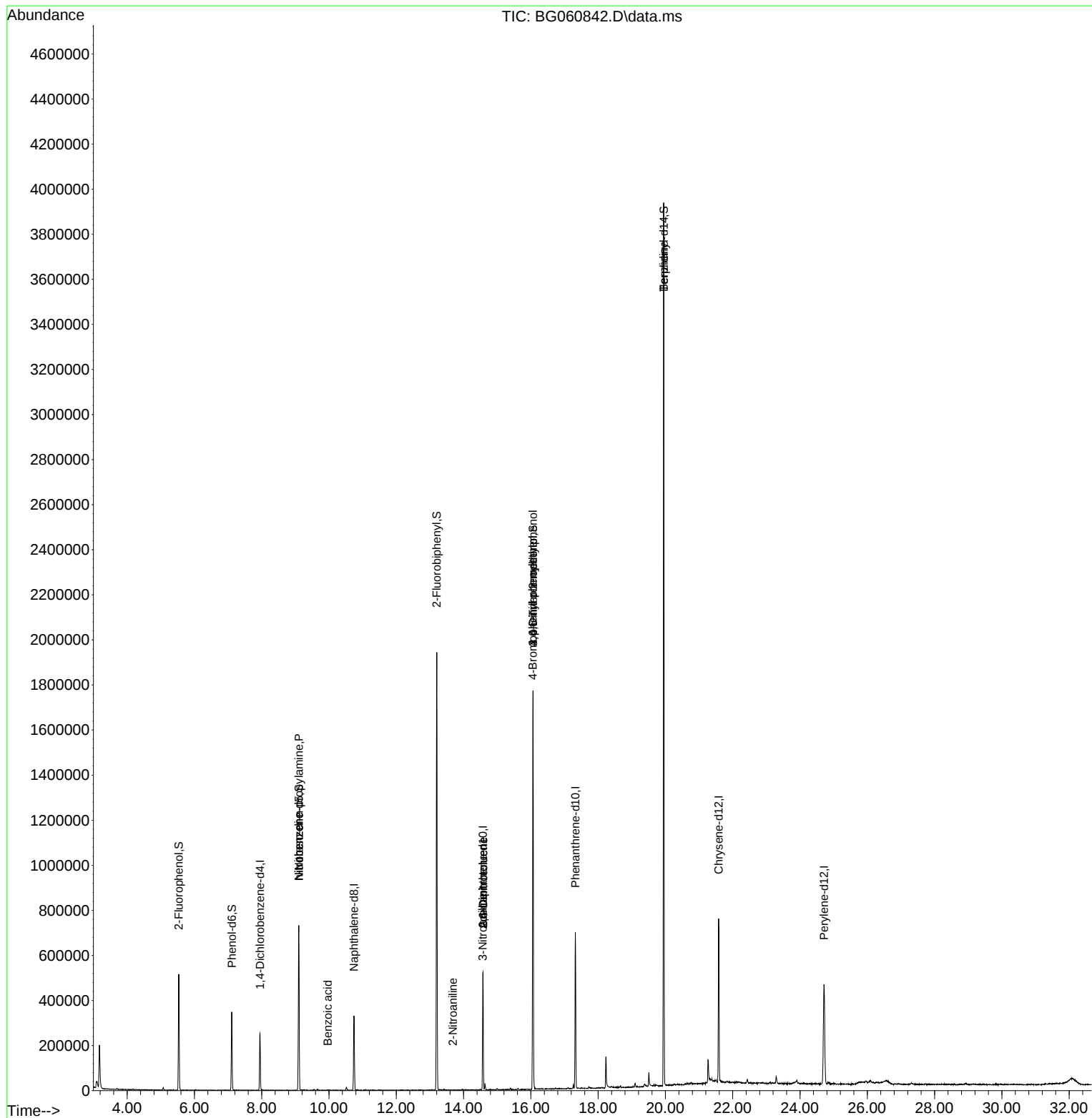
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	68833	20.000	ng	-0.01
21) Naphthalene-d8	10.741	136	263658	20.000	ng	-0.02
39) Acenaphthene-d10	14.572	164	196072	20.000	ng	-0.02
64) Phenanthrene-d10	17.322	188	440113	20.000	ng	-0.02
76) Chrysene-d12	21.581	240	417337	20.000	ng	-0.02
86) Perylene-d12	24.713	264	490420	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.536	112	204754	49.554	ng	0.00
7) Phenol-d6	7.110	99	176857	28.835	ng	0.00
23) Nitrobenzene-d5	9.102	82	406075	87.884	ng	-0.01
42) 2,4,6-Tribromophenol	16.064	330	348512	156.583	ng	-0.01
45) 2-Fluorobiphenyl	13.203	172	1009690	75.577	ng	-0.02
79) Terphenyl-d14	19.948	244	1935349	81.657	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.102	70	55047	11.769	ng	# 78
24) Nitrobenzene	9.102	77	1452	3.039	ng	# 42
32) Benzoic acid	9.966	122	65	6.856	ng	# 1
48) 2-Nitroaniline	13.685	65	68	2.812	ng	# 11
51) 2,6-Dinitrotoluene	14.578	165	24510	11.684	ng	# 19
53) 3-Nitroaniline	14.566	138	55	2.868	ng	# 1
57) 2,4-Dinitrotoluene	14.578	165	24510	9.846	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.064	198	1035	7.520	ng	# 1
67) 4-Bromophenyl-phenylether	16.059	248	23938	5.359	ng	# 1
77) Benzidine	19.948	184	31157	2.835	ng	# 94

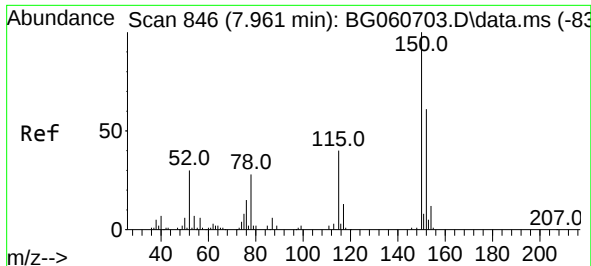
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
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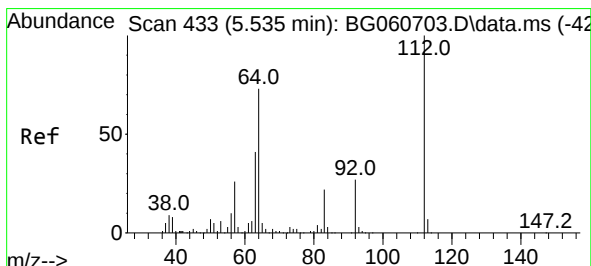
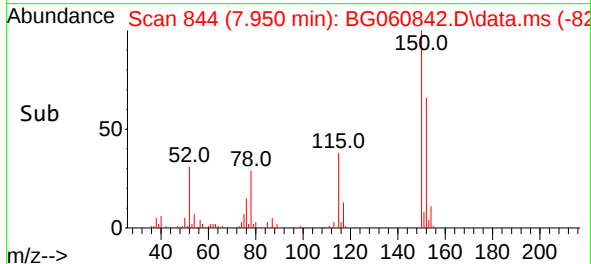
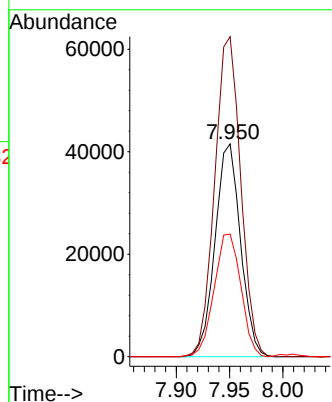
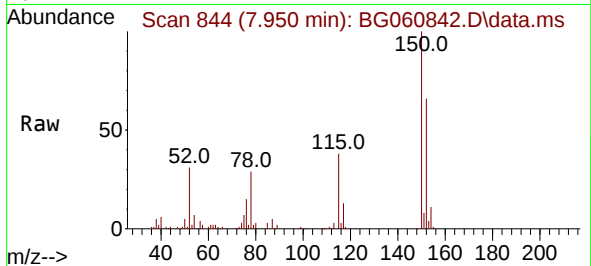




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 846
Delta R.T. -0.011 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

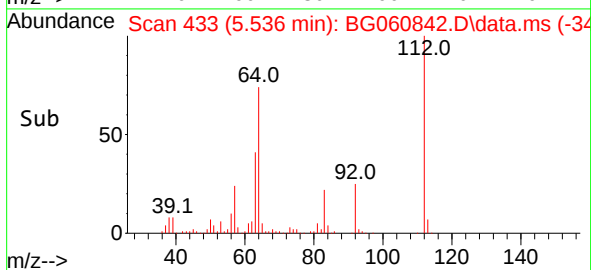
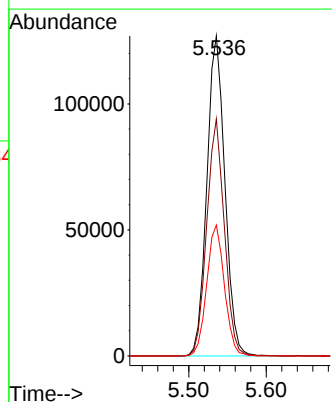
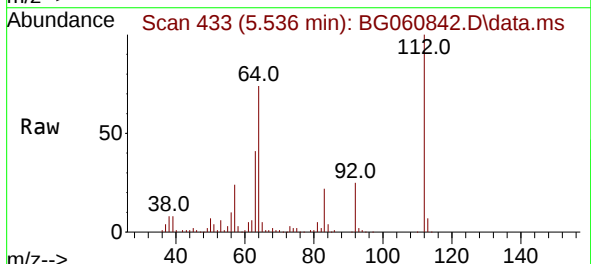
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

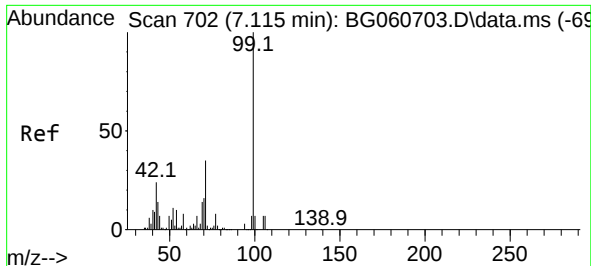
Tgt Ion:152 Resp: 68833
Ion Ratio Lower Upper
152 100
150 150.4 130.2 195.4
115 57.6 51.6 77.4



#5
2-Fluorophenol
Concen: 49.554 ng
RT: 5.536 min Scan# 433
Delta R.T. 0.001 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:112 Resp: 204754
Ion Ratio Lower Upper
112 100
64 74.1 58.4 87.6
63 40.9 32.7 49.1

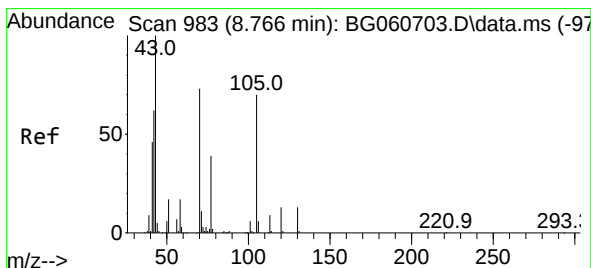
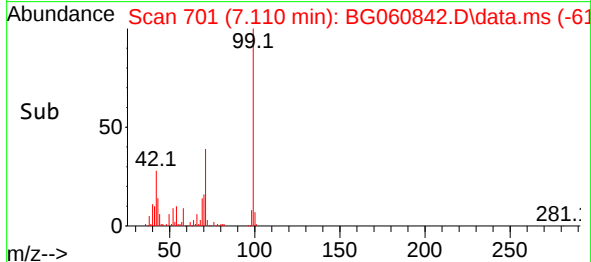
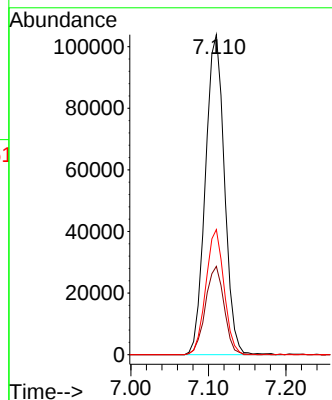
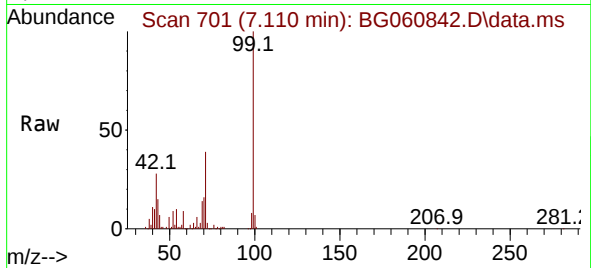




#7
Phenol-d6
Concen: 28.835 ng
RT: 7.110 min Scan# 70
Delta R.T. -0.005 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

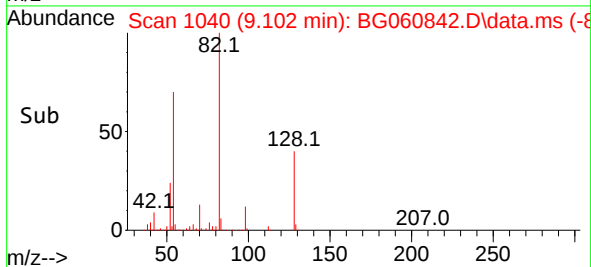
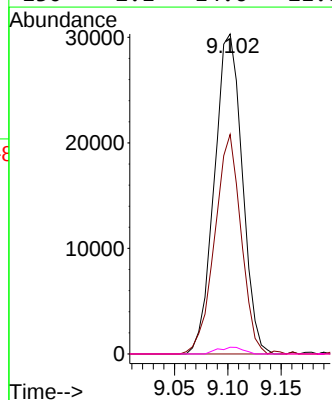
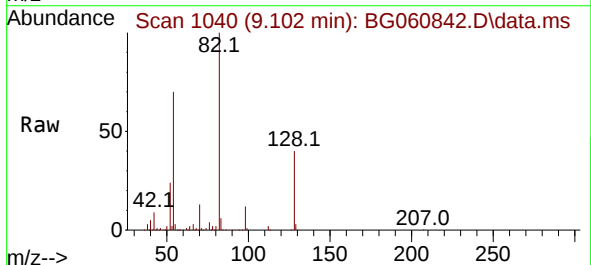
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

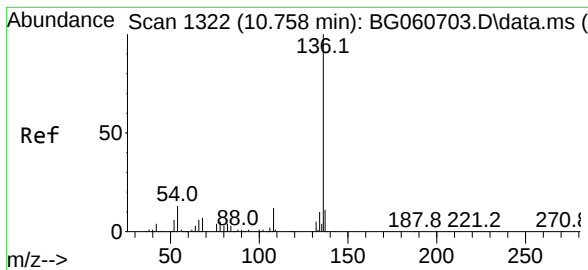
Tgt Ion: 99 Resp: 176857
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.2
71 39.1 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.769 ng
RT: 9.102 min Scan# 1040
Delta R.T. 0.336 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion: 70 Resp: 55047
Ion Ratio Lower Upper
70 100
42 68.6 68.4 102.6
101 0.0 6.1 9.1#
130 2.1 14.6 21.8#

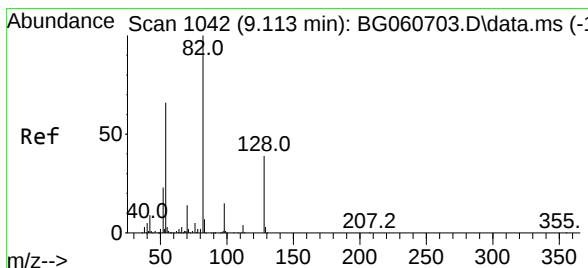
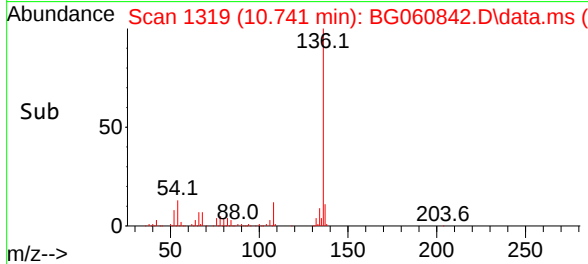
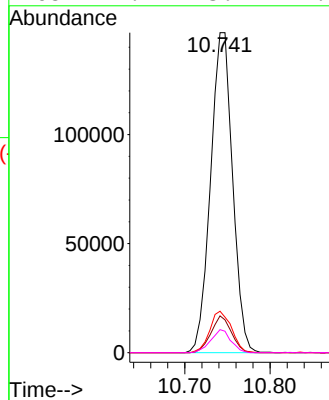
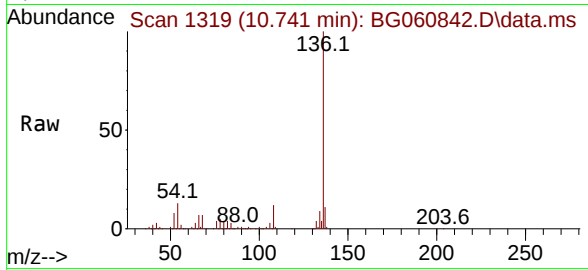




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

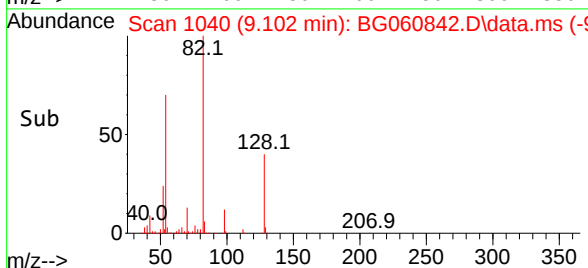
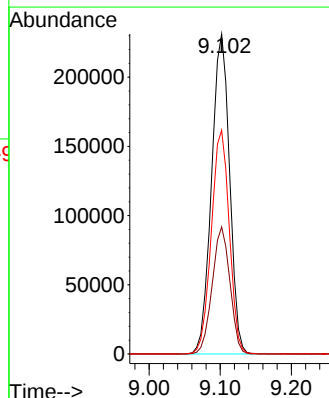
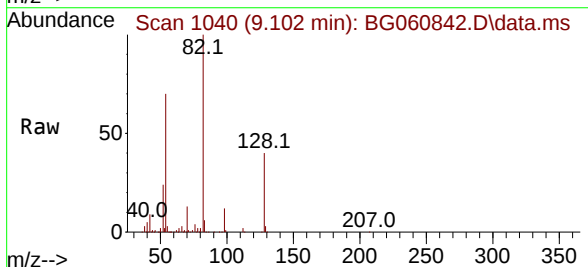
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

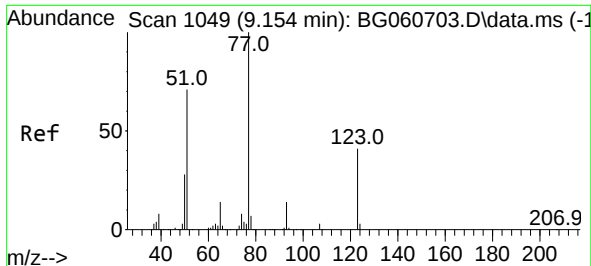
Tgt Ion:136 Resp: 263658
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 13.0 10.2 15.2
68 7.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 87.884 ng
RT: 9.102 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion: 82 Resp: 406075
Ion Ratio Lower Upper
82 100
128 39.7 31.2 46.8
54 69.9 53.2 79.8

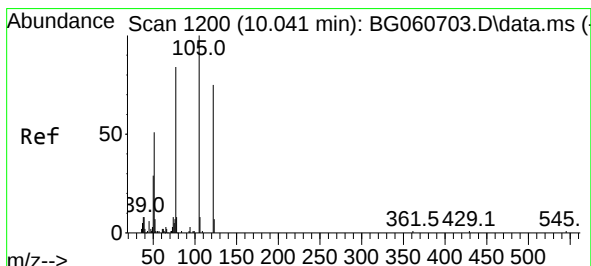
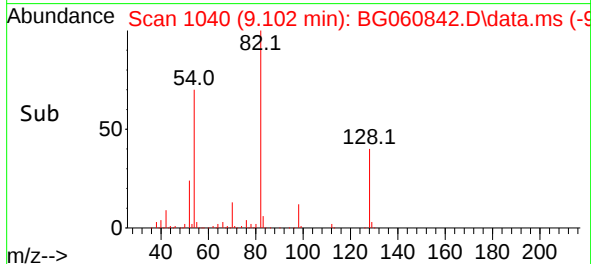
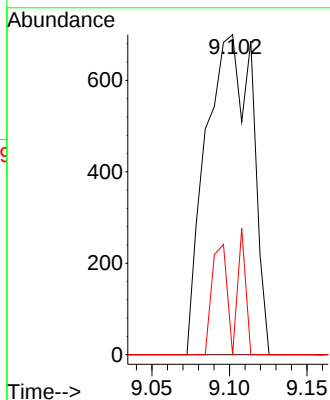
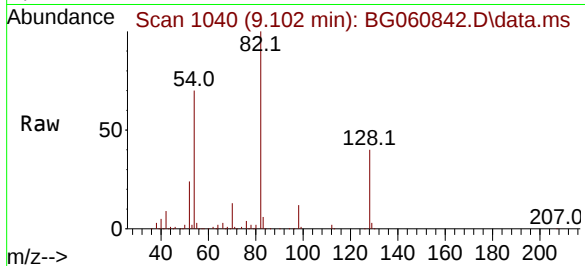




#24
Nitrobenzene
Concen: 3.039 ng
RT: 9.102 min Scan# 1187
Delta R.T. -0.052 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

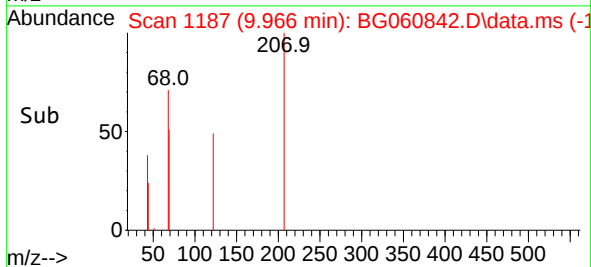
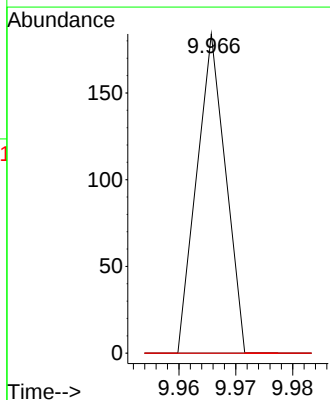
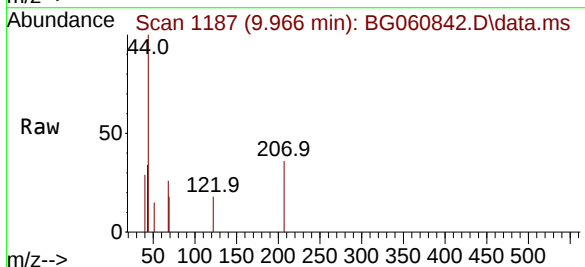
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

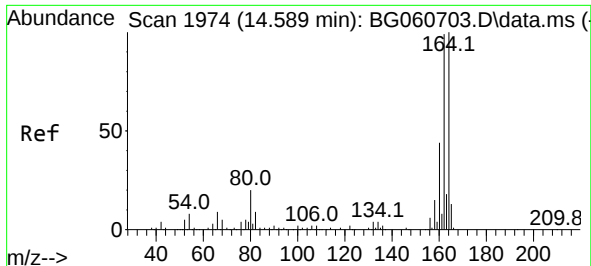
Tgt Ion: 77 Resp: 1452
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 6.856 ng
RT: 9.966 min Scan# 1187
Delta R.T. -0.075 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion: 122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 104.5 144.5#
77 0.0 85.3 125.3#

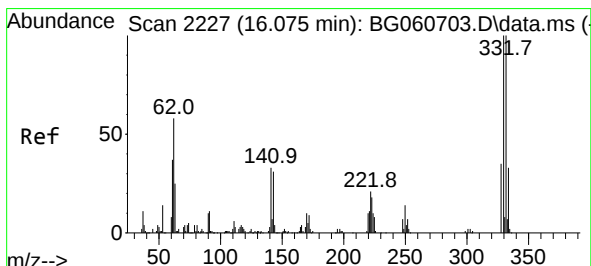
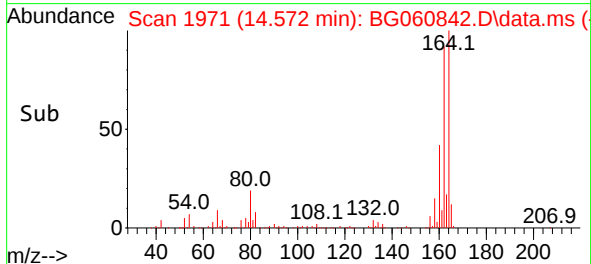
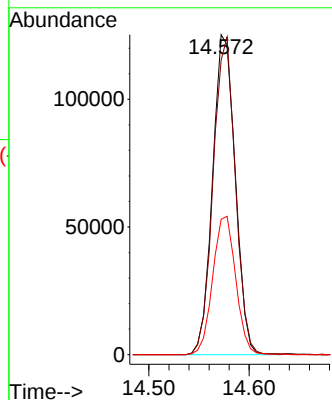
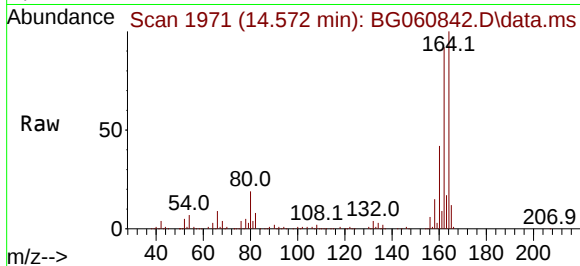




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1974
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

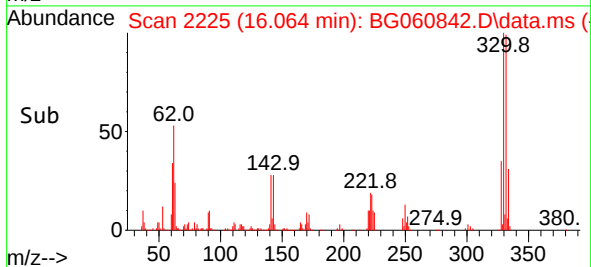
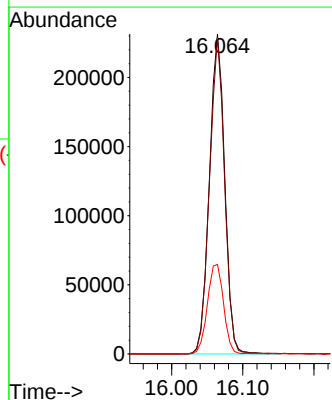
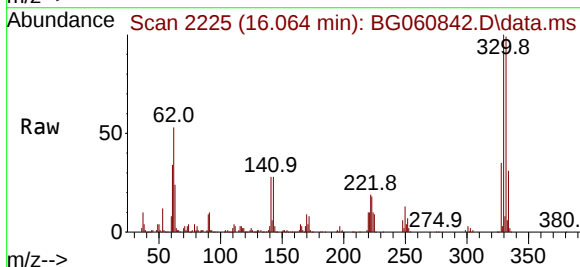
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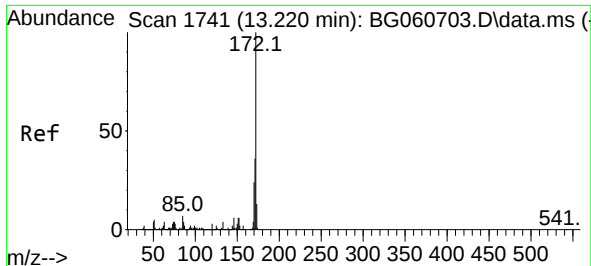
Tgt Ion:164 Resp: 196072
Ion Ratio Lower Upper
164 100
162 92.1 79.5 119.3
160 42.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 156.583 ng
RT: 16.064 min Scan# 2225
Delta R.T. -0.011 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:330 Resp: 348512
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 29.5 27.0 40.6

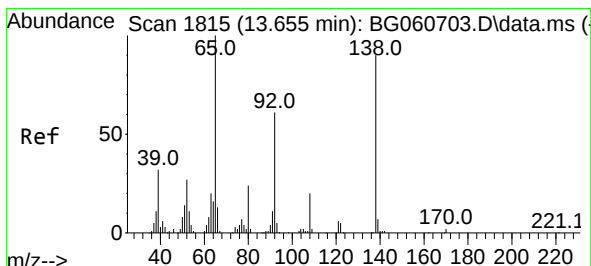
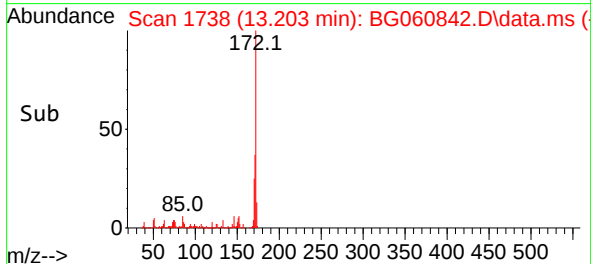
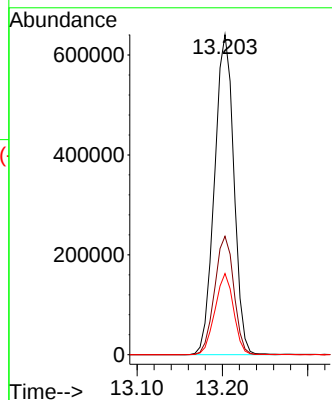
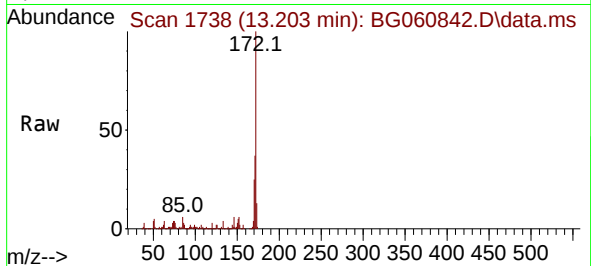




#45
2-Fluorobiphenyl
Concen: 75.577 ng
RT: 13.203 min Scan# 11
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

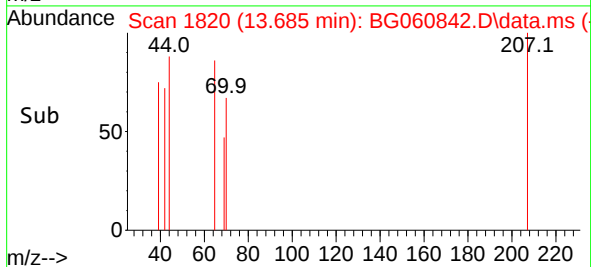
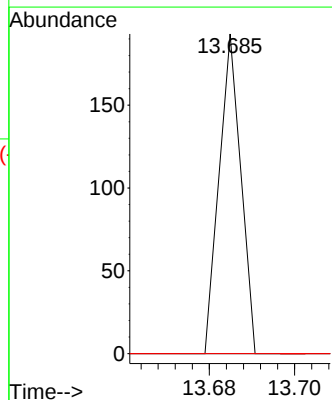
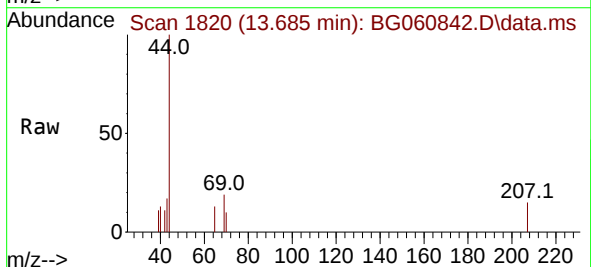
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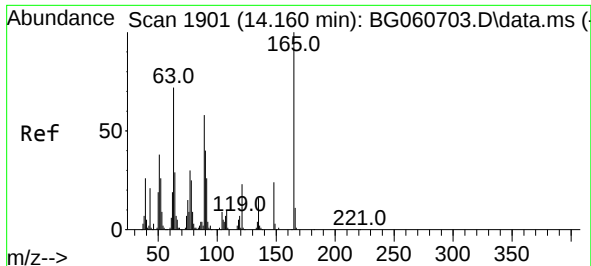
Tgt Ion:172 Resp: 1009690
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 25.3 19.4 29.0



#48
2-Nitroaniline
Concen: 2.812 ng
RT: 13.685 min Scan# 1820
Delta R.T. 0.030 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion: 65 Resp: 68
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

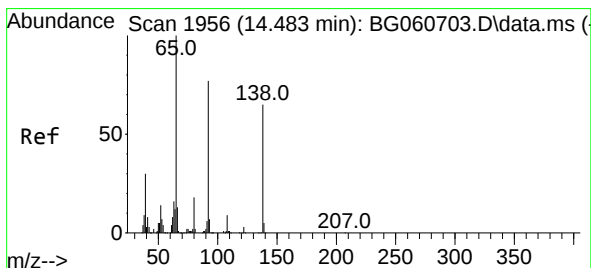
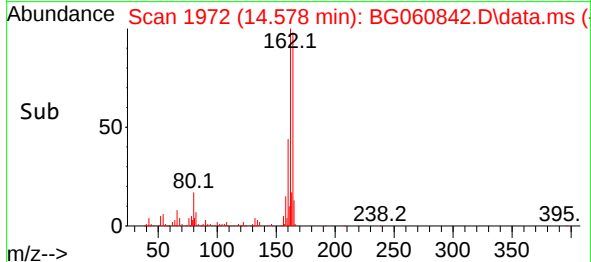
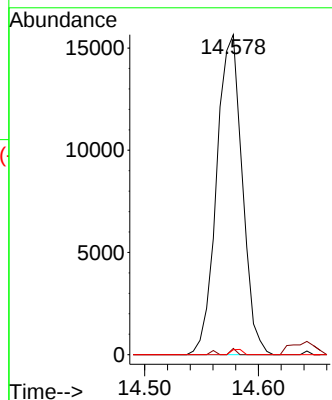
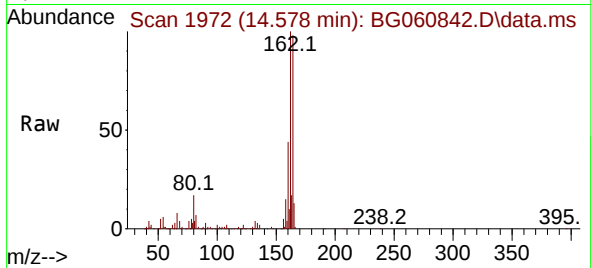




#51
2,6-Dinitrotoluene
Concen: 11.684 ng
RT: 14.578 min Scan# 1901
Delta R.T. 0.418 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

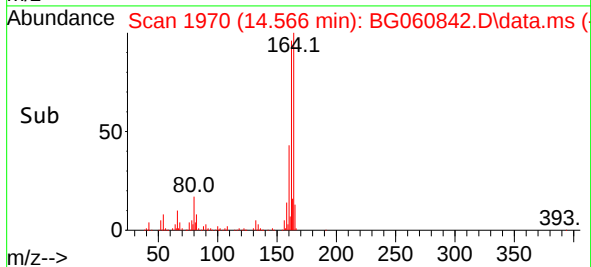
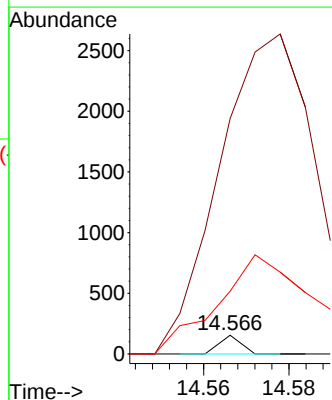
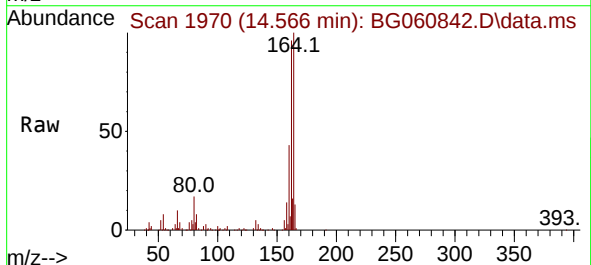
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

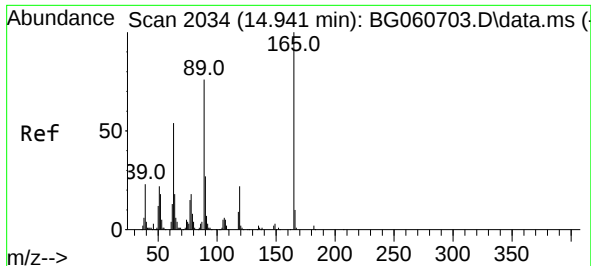
Tgt Ion:165 Resp: 24510
Ion Ratio Lower Upper
165 100
63 1.9 58.2 87.4#
89 1.5 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.868 ng
RT: 14.566 min Scan# 1970
Delta R.T. 0.083 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

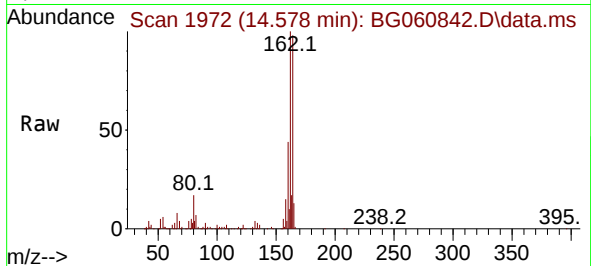
Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 1251.0 11.3 16.9#
92 333.5 94.1 141.1#



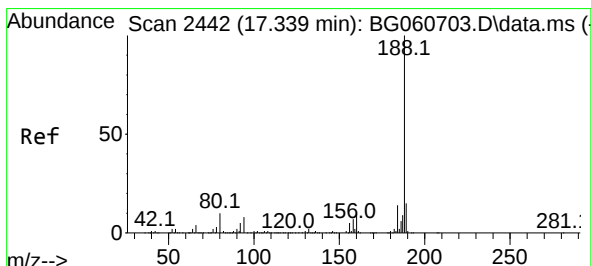
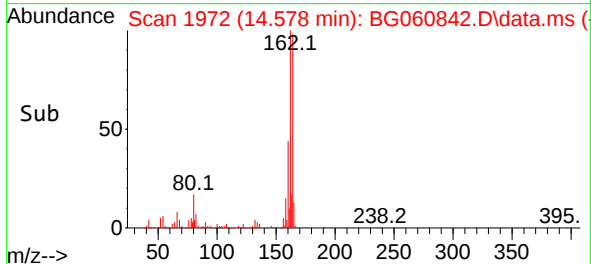
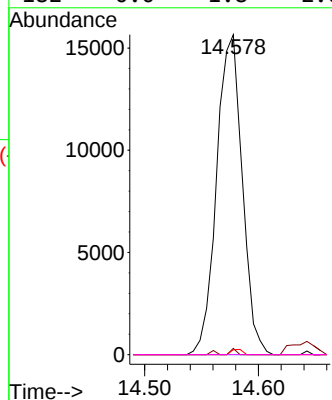


#57
2,4-Dinitrotoluene
Concen: 9.846 ng
RT: 14.578 min Scan# 14
Delta R.T. -0.363 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Instrument :
BNA_G
ClientSampleId :
NB205-WATER

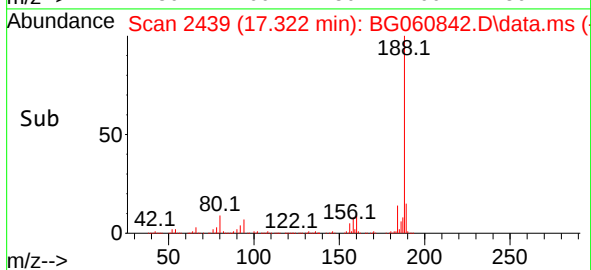
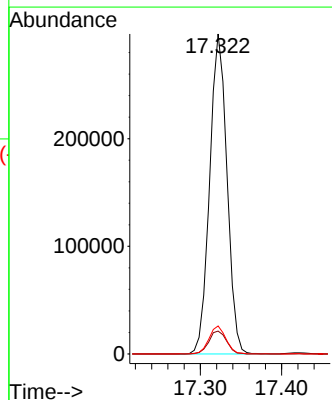
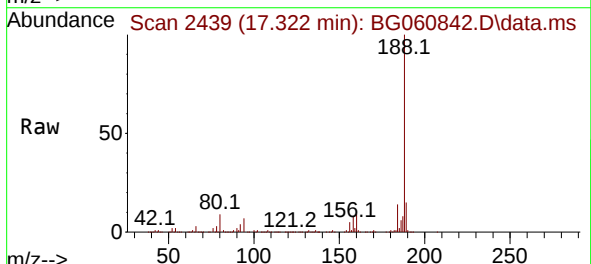


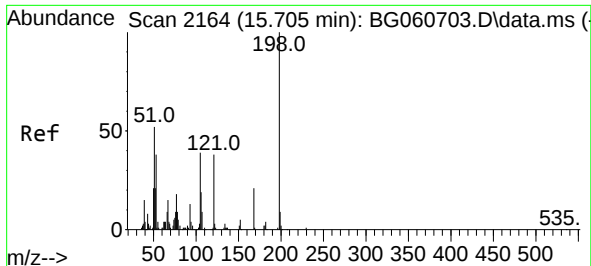
Tgt Ion:165 Resp: 24510
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.0#
89 1.5 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2439
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:188 Resp: 440113
Ion Ratio Lower Upper
188 100
94 7.1 6.6 9.8
80 8.8 7.6 11.4

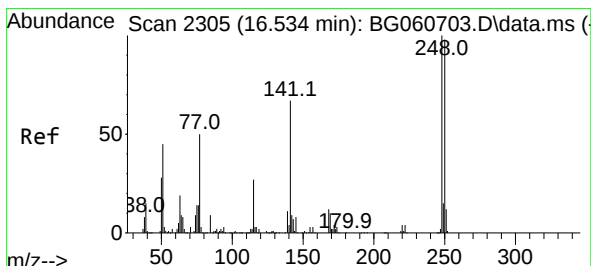
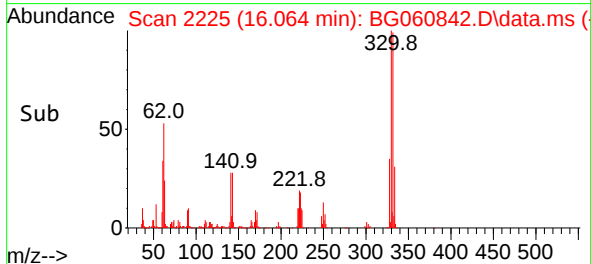
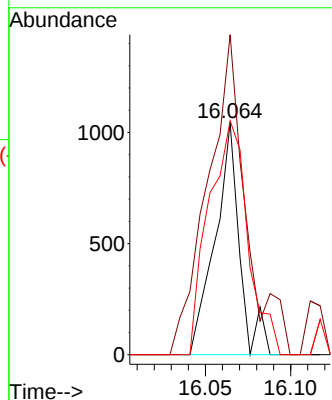
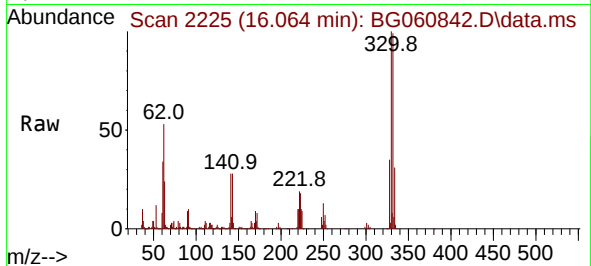




#65
4,6-Dinitro-2-methylphenol
Concen: 7.520 ng
RT: 16.064 min Scan# 2164
Delta R.T. 0.359 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

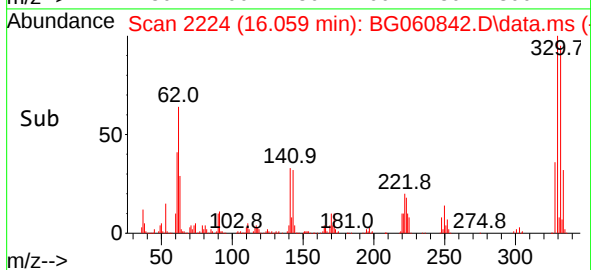
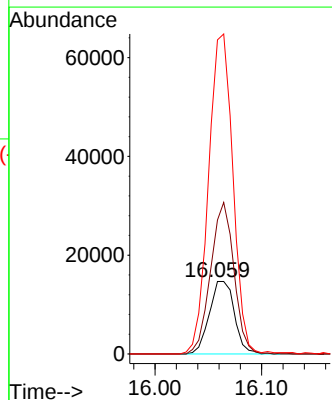
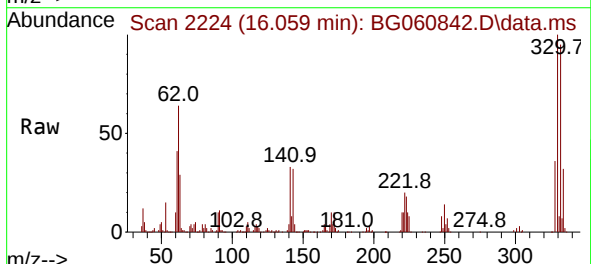
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

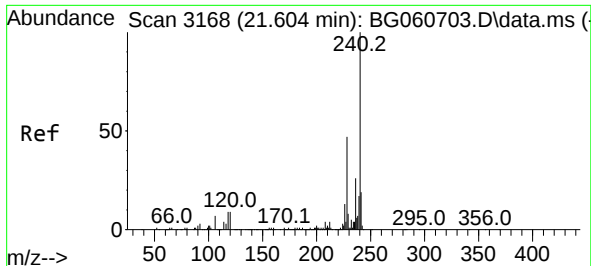
Tgt Ion:198 Resp: 1035
Ion Ratio Lower Upper
198 100
51 137.8 36.7 76.7#
105 100.8 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.359 ng
RT: 16.059 min Scan# 2224
Delta R.T. -0.475 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:248 Resp: 23938
Ion Ratio Lower Upper
248 100
250 184.7 78.3 117.5#
141 433.1 53.7 80.5#

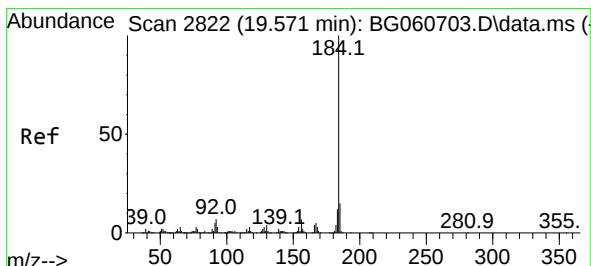
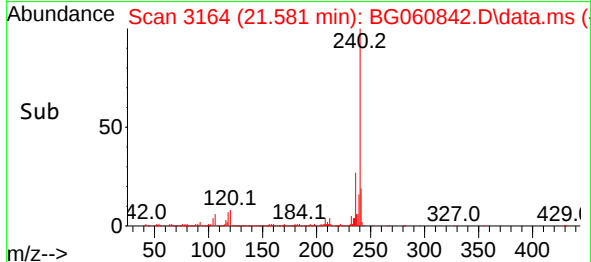
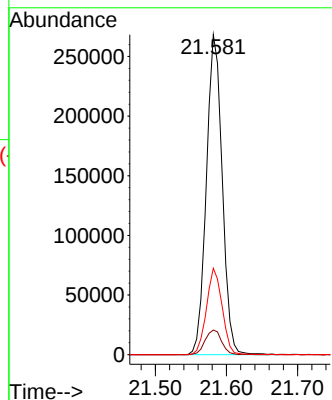
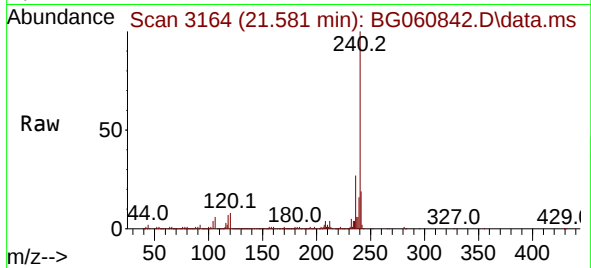




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

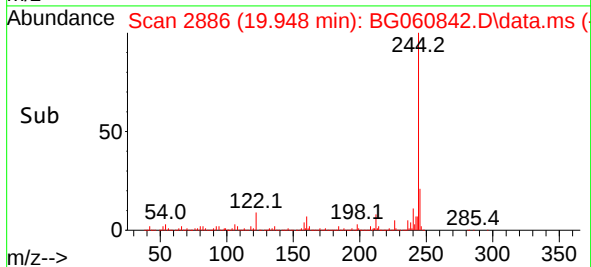
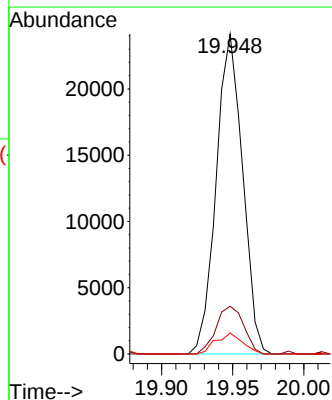
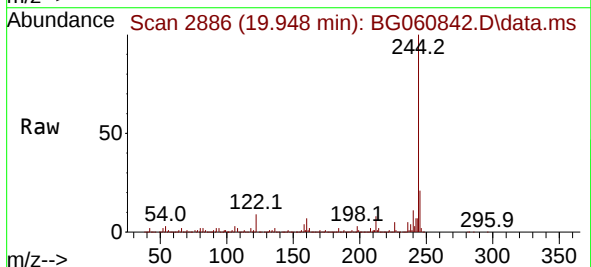
Instrument :
BNA_G
ClientSampleId :
NB205-WATER

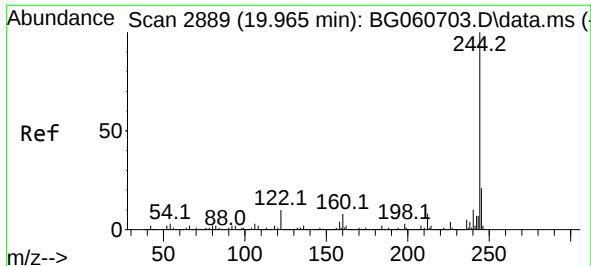
Tgt Ion:240 Resp: 417337
Ion Ratio Lower Upper
240 100
120 7.7 7.1 10.7
236 27.0 20.7 31.1



#77
Benzidine
Concen: 2.835 ng
RT: 19.948 min Scan# 2886
Delta R.T. 0.377 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:184 Resp: 31157
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 6.6 9.5 14.3#

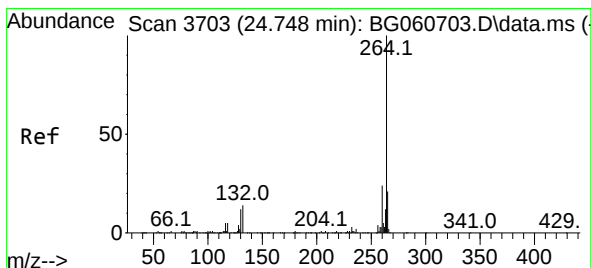
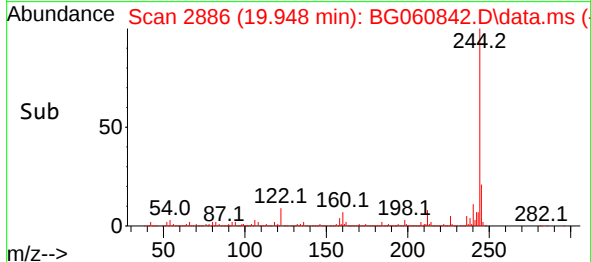
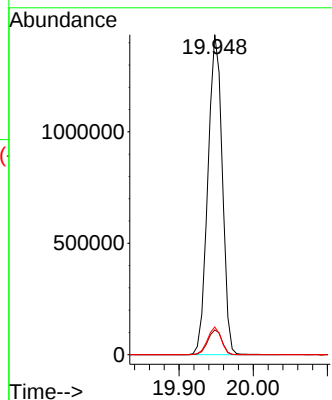
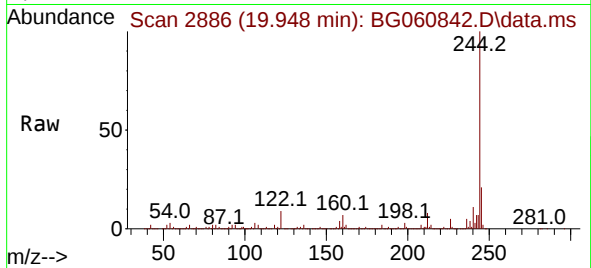




#79
Terphenyl-d14
Concen: 81.657 ng
RT: 19.948 min Scan# 21
Delta R.T. -0.017 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Instrument :
BNA_G
ClientSampleId :
NB205-WATER

Tgt Ion:244 Resp: 1935349
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 8.7 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.713 min Scan# 3697
Delta R.T. -0.035 min
Lab File: BG060842.D
Acq: 9 Apr 2024 12:58

Tgt Ion:264 Resp: 490420
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.2 16.9 25.3

