

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060826.D
 Acq On : 8 Apr 2024 15:10
 Operator : MA/JU
 Sample : PB160020TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 15:45:46 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)

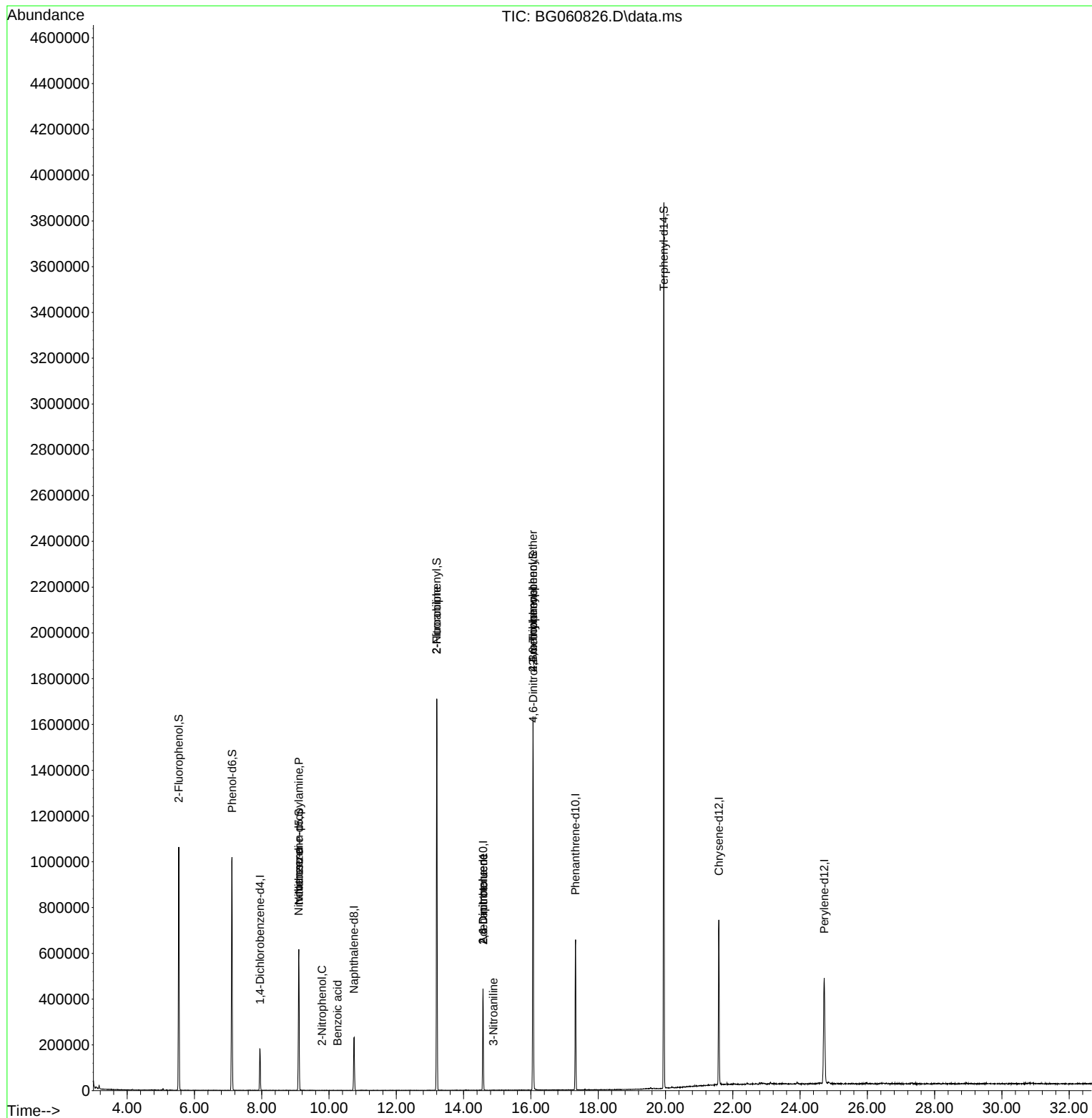
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	50213	20.000	ng	-0.01
21) Naphthalene-d8	10.741	136	188204	20.000	ng	-0.02
39) Acenaphthene-d10	14.578	164	155263	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	422219	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	427987	20.000	ng	-0.02
86) Perylene-d12	24.719	264	502050	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	389694	129.287	ng	0.00
7) Phenol-d6	7.116	99	523444	116.992	ng	0.00
23) Nitrobenzene-d5	9.102	82	334249	101.341	ng	-0.01
42) 2,4,6-Tribromophenol	16.064	330	319355	181.196	ng	-0.01
45) 2-Fluorobiphenyl	13.203	172	875923	82.797	ng	-0.02
79) Terphenyl-d14	19.954	244	2016510	82.964	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.102	70	44746	13.114	ng	# 77
24) Nitrobenzene	9.096	77	1189	3.078	ng	# 42
26) 2-Nitrophenol	9.789	139	58	3.009	ng	# 31
32) Benzoic acid	10.253	122	54	6.859	ng	# 1
48) 2-Nitroaniline	13.203	65	1651	3.436	ng	# 1
51) 2,6-Dinitrotoluene	14.578	165	20931	12.326	ng	# 19
53) 3-Nitroaniline	14.883	138	53	2.872	ng	# 1
57) 2,4-Dinitrotoluene	14.578	165	20931	10.360	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.070	198	856	7.453	ng	# 1
67) 4-Bromophenyl-phenylether	16.064	248	21180	4.943	ng	# 1

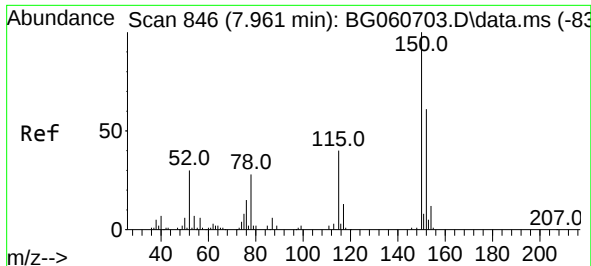
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
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Instrument :
BNA_G
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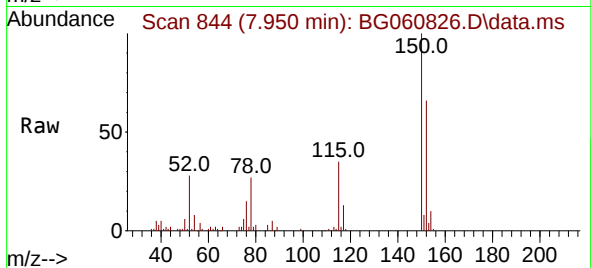
Quant Time: Apr 08 15:45:46 2024
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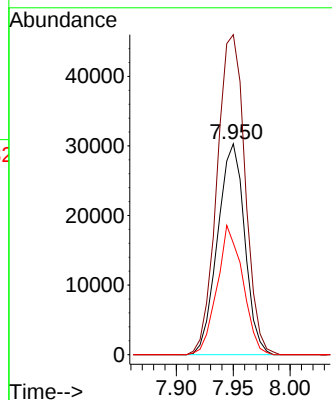
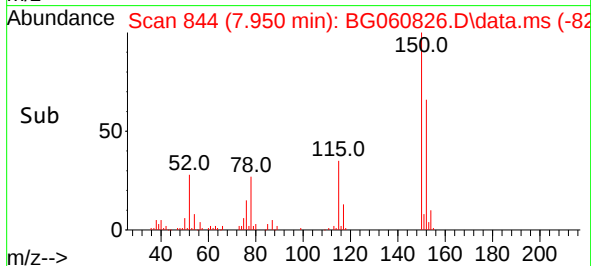


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.950 min Scan# 84
Delta R.T. -0.011 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :

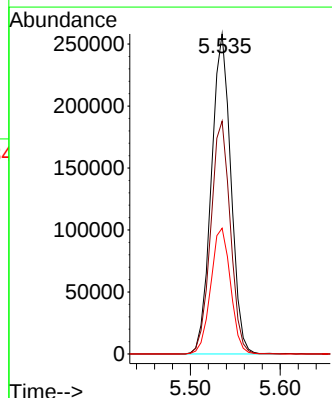
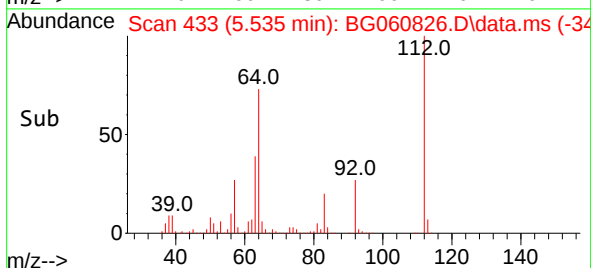
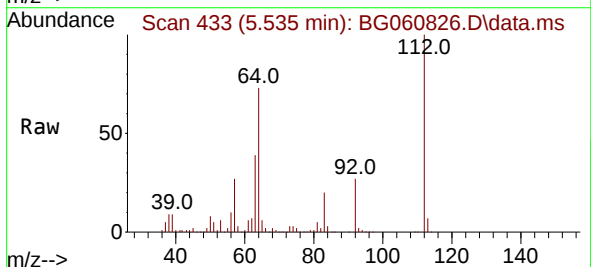


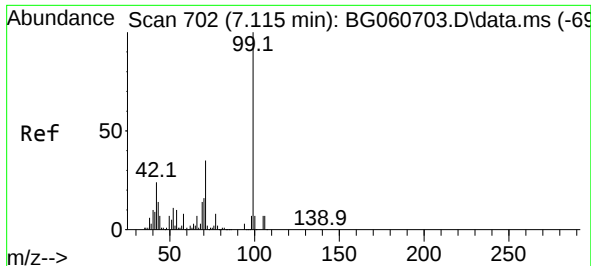
Tgt Ion:152 Resp: 50213
Ion Ratio Lower Upper
152 100
150 151.7 130.2 195.4
115 52.8 51.6 77.4



#5
2-Fluorophenol
Concen: 129.287 ng
RT: 5.535 min Scan# 433
Delta R.T. 0.000 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Tgt Ion:112 Resp: 389694
Ion Ratio Lower Upper
112 100
64 72.7 58.4 87.6
63 39.3 32.7 49.1

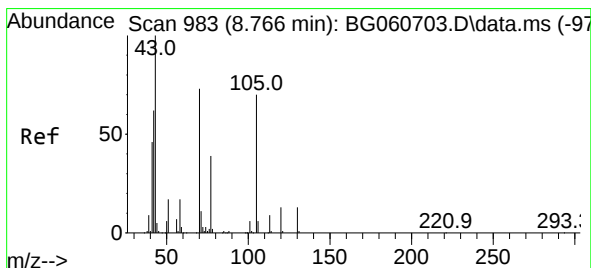
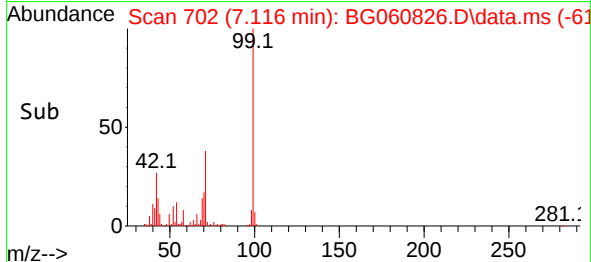
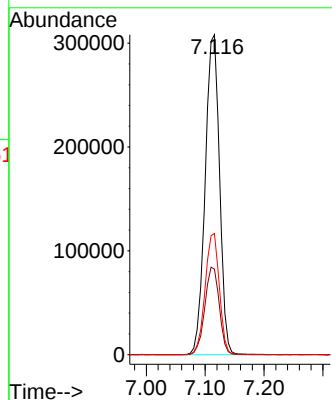
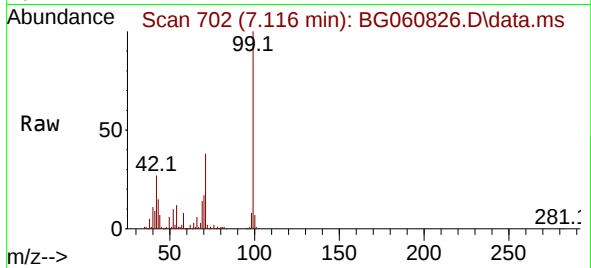




#7
Phenol-d6
Concen: 116.992 ng
RT: 7.116 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

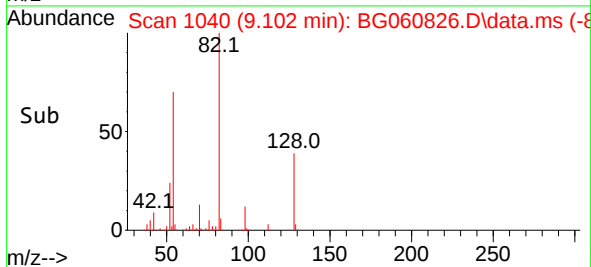
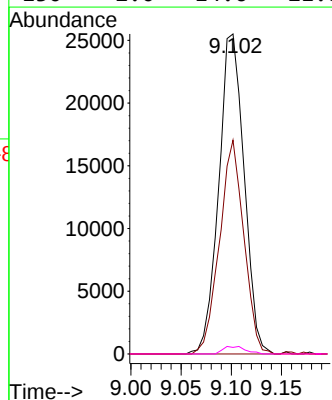
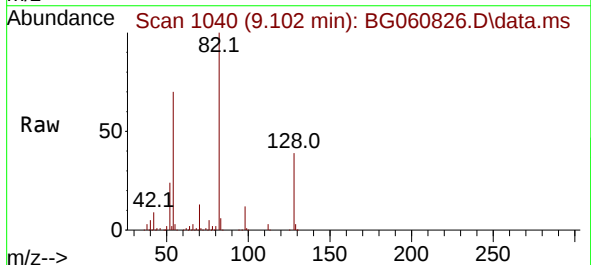
Instrument :
BNA_G
ClientSampleId :

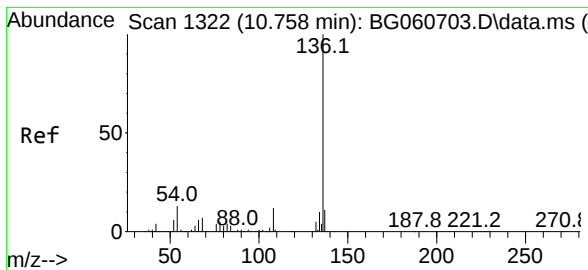
Tgt Ion: 99 Resp: 523444
Ion Ratio Lower Upper
99 100
42 26.8 19.4 29.2
71 37.9 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.114 ng
RT: 9.102 min Scan# 1040
Delta R.T. 0.336 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Tgt Ion: 70 Resp: 44746
Ion Ratio Lower Upper
70 100
42 66.8 68.4 102.6#
101 0.0 6.1 9.1#
130 2.0 14.6 21.8#

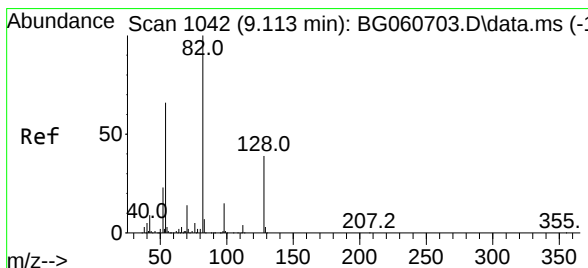
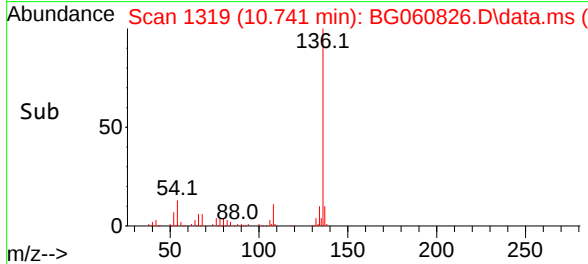
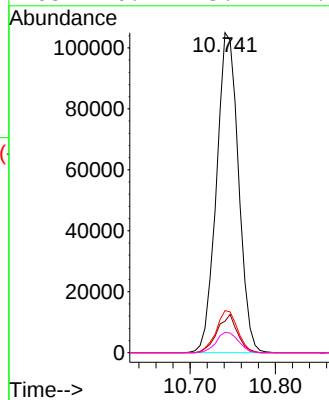
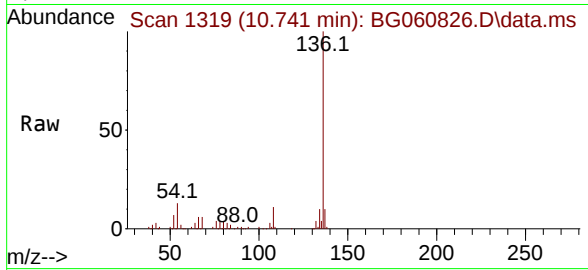




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

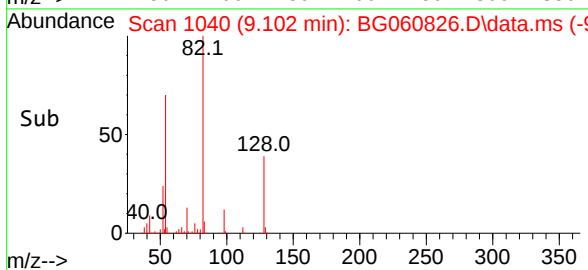
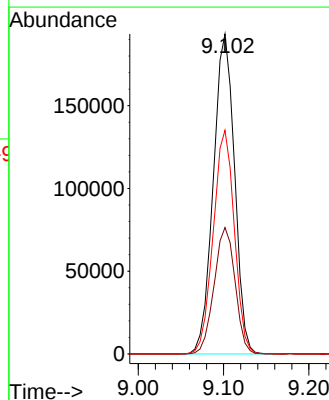
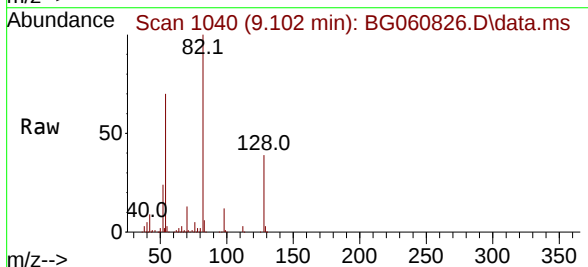
Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136	Resp: 188204
Ion Ratio	Lower Upper
136 100	
137 9.9	8.8 13.2
54 13.2	10.2 15.2
68 6.4	5.2 7.8



#23
Nitrobenzene-d5
Concen: 101.341 ng
RT: 9.102 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

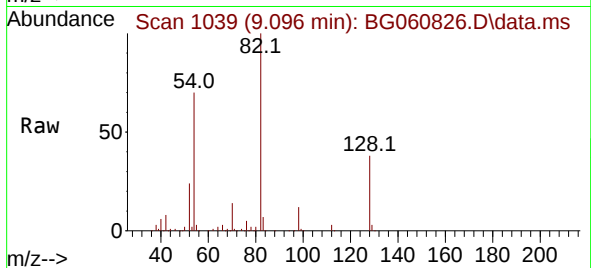
Tgt Ion: 82	Resp: 334249
Ion Ratio	Lower Upper
82 100	
128 39.5	31.2 46.8
54 69.9	53.2 79.8



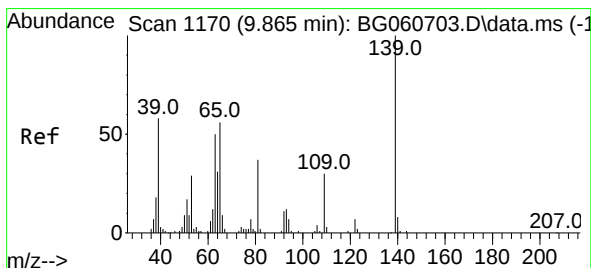
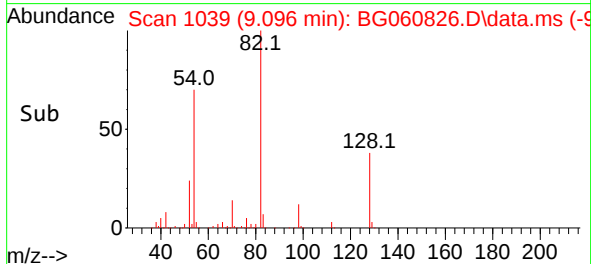
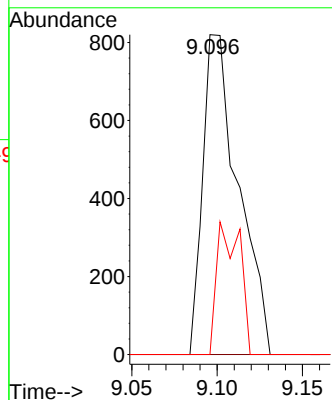


#24
Nitrobenzene
Concen: 3.078 ng
RT: 9.096 min Scan# 1039
Delta R.T. -0.058 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :

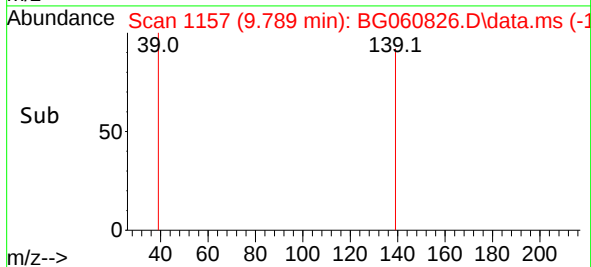
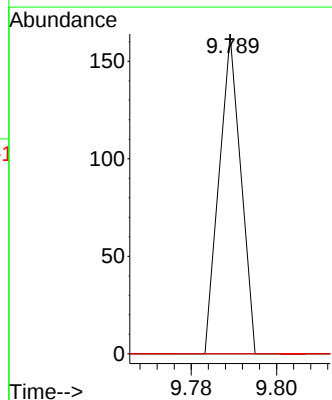
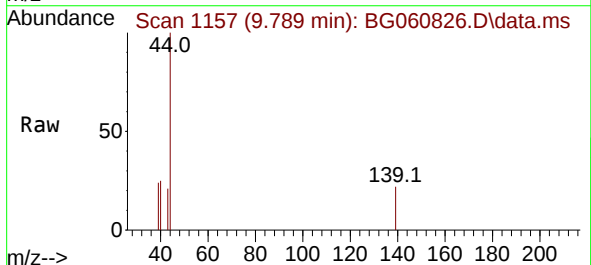


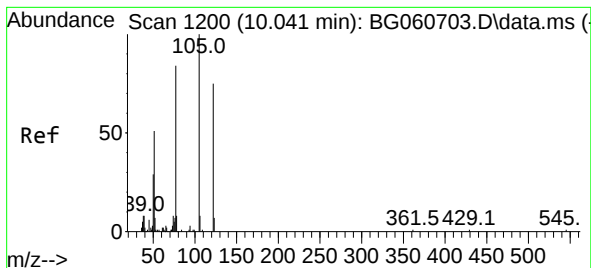
Tgt Ion: 77 Resp: 1189
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#26
2-Nitrophenol
Concen: 3.009 ng
RT: 9.789 min Scan# 1157
Delta R.T. -0.076 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 23.9 35.9#
65 0.0 44.5 66.7#





#32

Benzoic acid

Concen: 6.859 ng

RT: 10.253 min Scan# 11

Delta R.T. 0.212 min

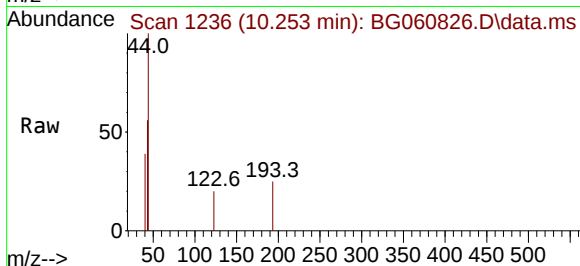
Lab File: BG060826.D

Acq: 8 Apr 2024 15:10

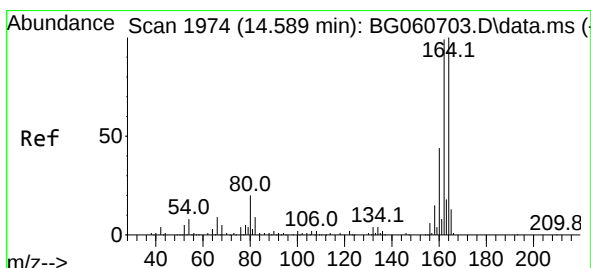
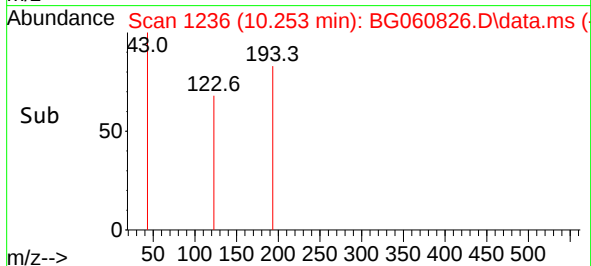
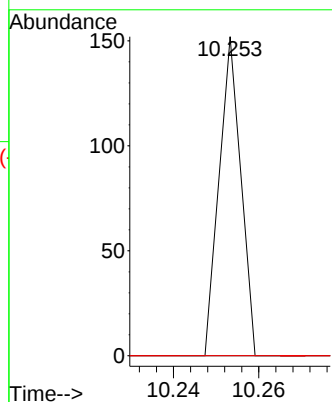
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	122	Resp:	54
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

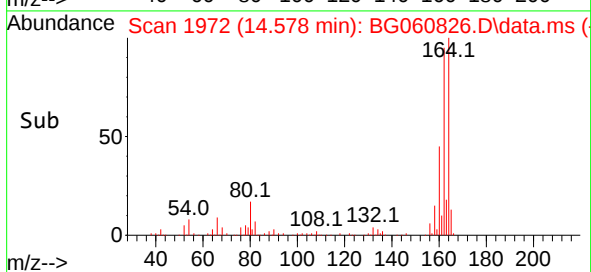
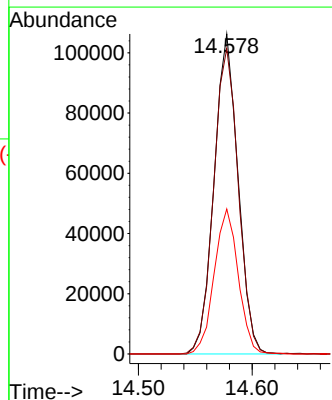
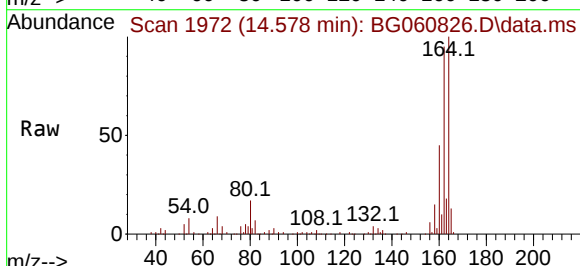
RT: 14.578 min Scan# 1972

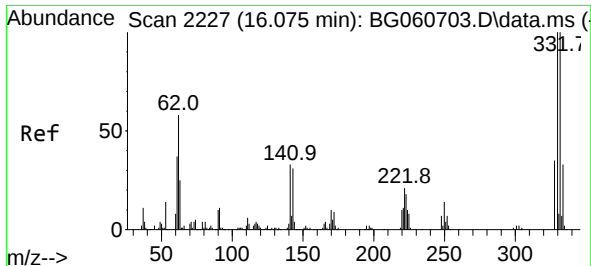
Delta R.T. -0.011 min

Lab File: BG060826.D

Acq: 8 Apr 2024 15:10

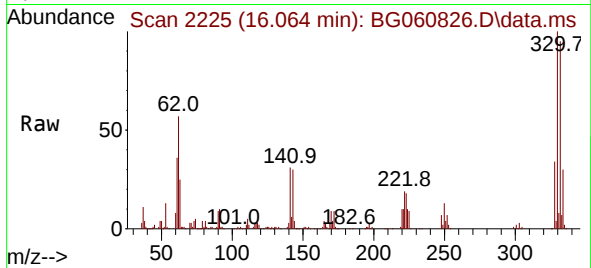
Tgt Ion:	164	Resp:	155263
Ion	Ratio	Lower	Upper
164	100		
162	95.4	79.5	119.3
160	45.3	35.4	53.0



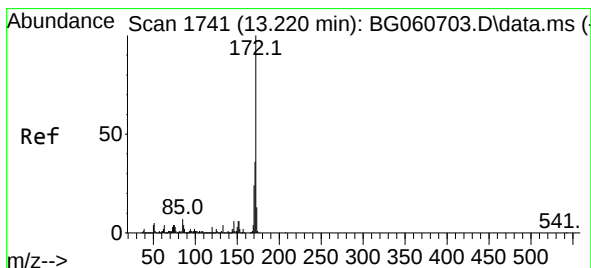
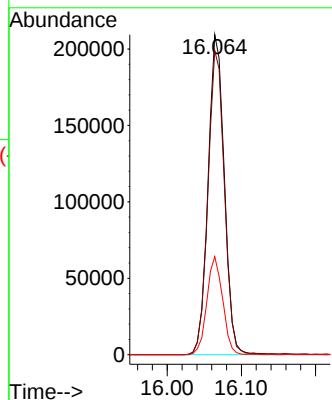
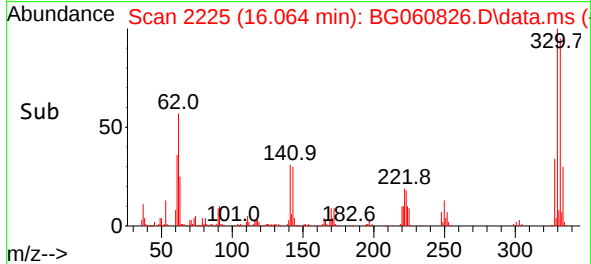


#42
2,4,6-Tribromophenol
Concen: 181.196 ng
RT: 16.064 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

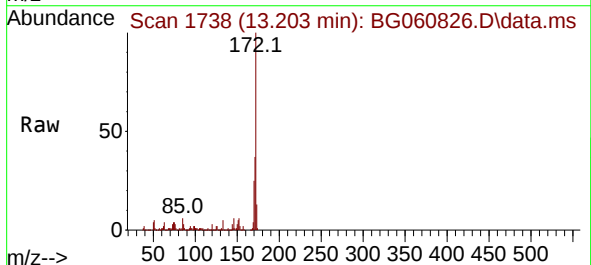
Instrument :
BNA_G
ClientSampleId :



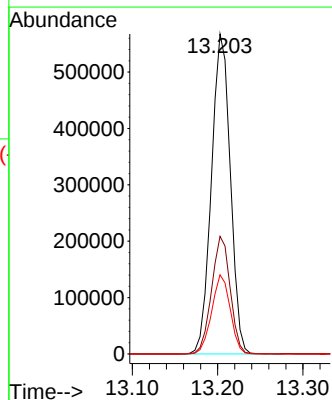
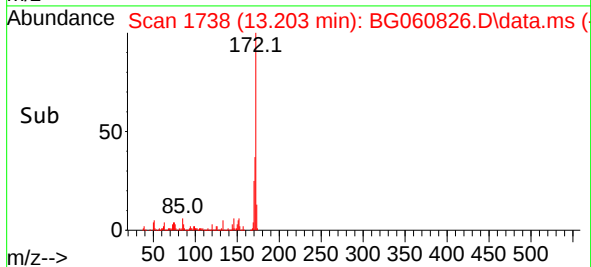
Tgt Ion:330 Resp: 319355
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 29.8 27.0 40.6

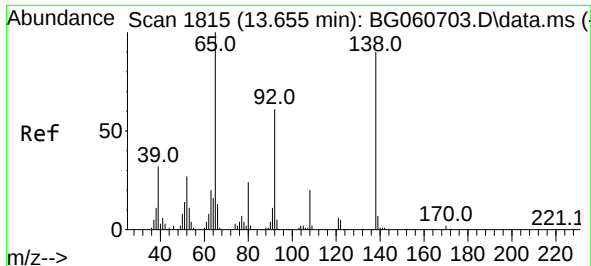


#45
2-Fluorobiphenyl
Concen: 82.797 ng
RT: 13.203 min Scan# 1738
Delta R.T. -0.017 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10



Tgt Ion:172 Resp: 875923
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.7 19.4 29.0

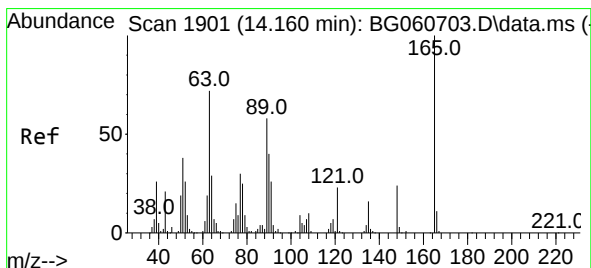
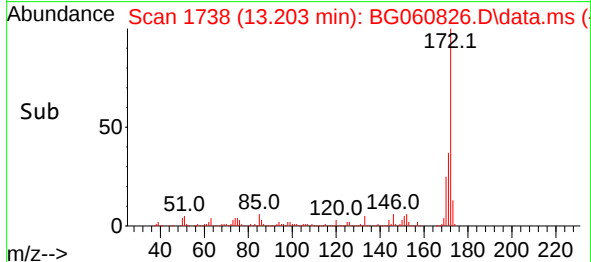
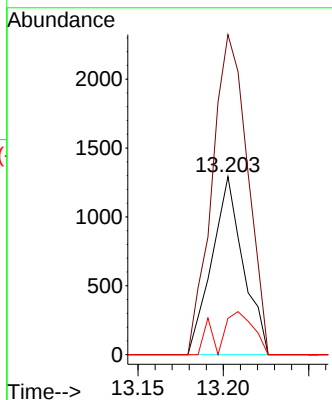
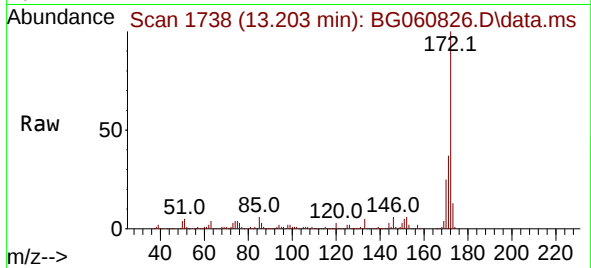




#48
2-Nitroaniline
Concen: 3.436 ng
RT: 13.203 min Scan# 1
Delta R.T. -0.452 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

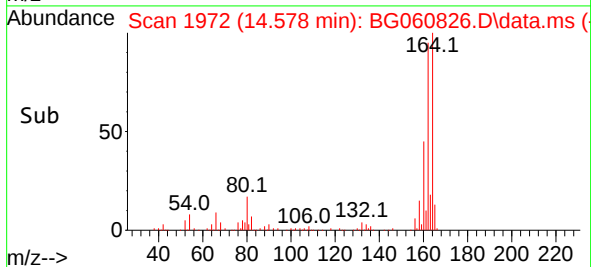
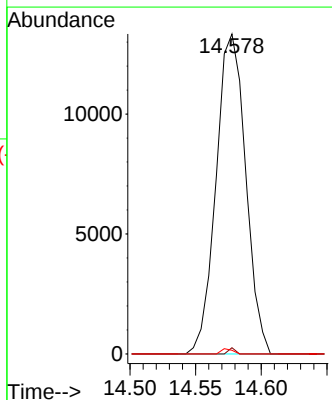
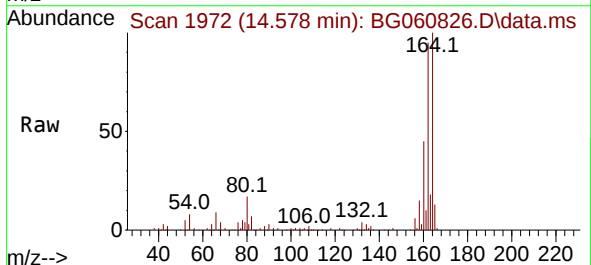
Instrument :
BNA_G
ClientSampleId :

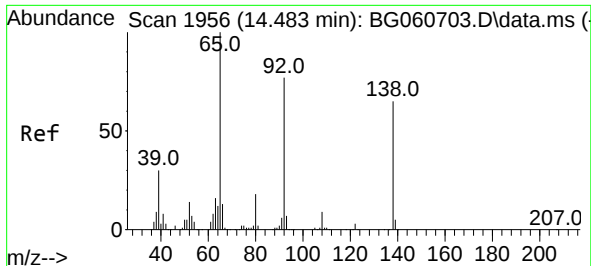
Tgt Ion: 65 Resp: 1651
Ion Ratio Lower Upper
65 100
92 179.7 48.6 72.8#
138 20.4 72.2 108.4#



#51
2,6-Dinitrotoluene
Concen: 12.326 ng
RT: 14.578 min Scan# 1972
Delta R.T. 0.418 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

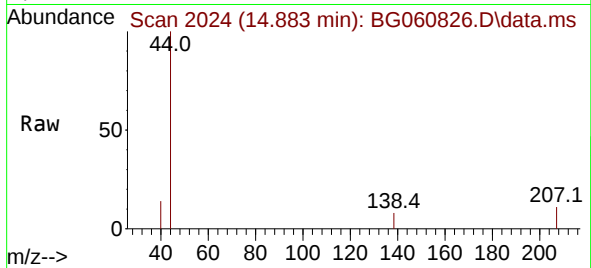
Tgt Ion:165 Resp: 20931
Ion Ratio Lower Upper
165 100
63 1.9 58.2 87.4#
89 1.2 46.1 69.1#



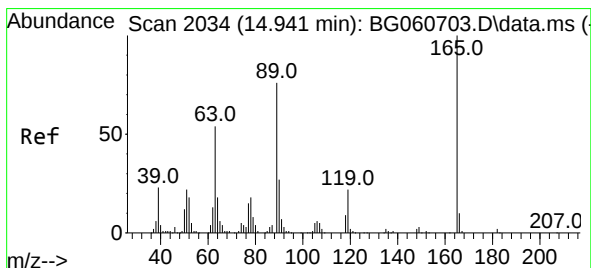
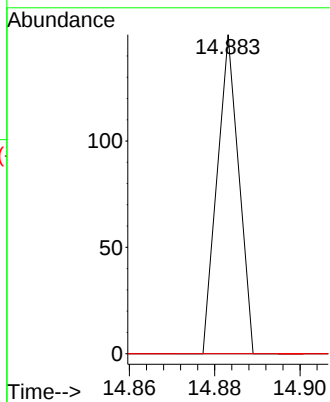
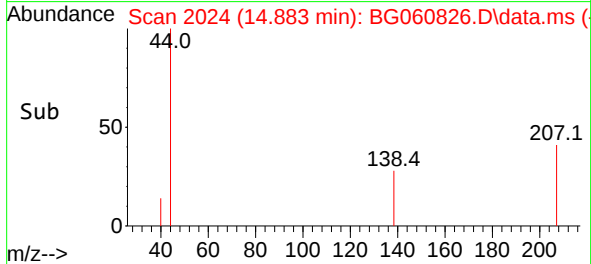


#53
3-Nitroaniline
Concen: 2.872 ng
RT: 14.883 min Scan# 20
Delta R.T. 0.400 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

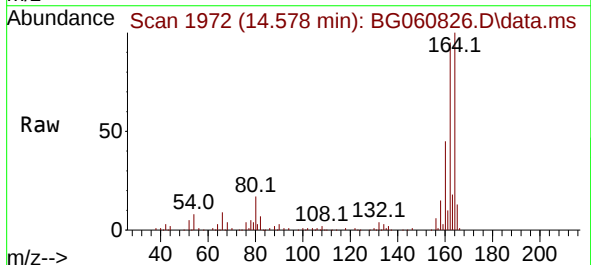
Instrument :
BNA_G
ClientSampleId :



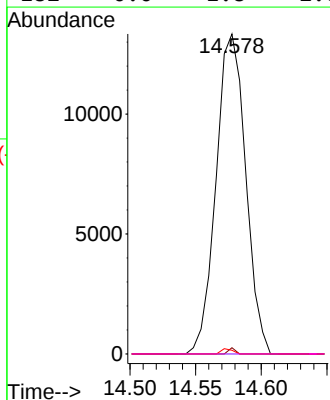
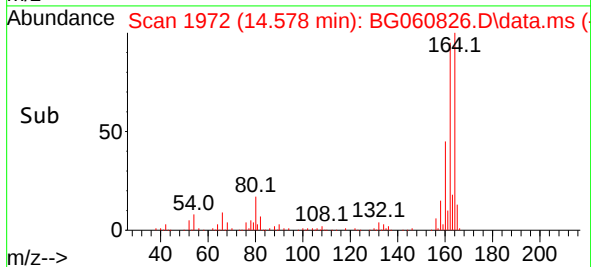
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#

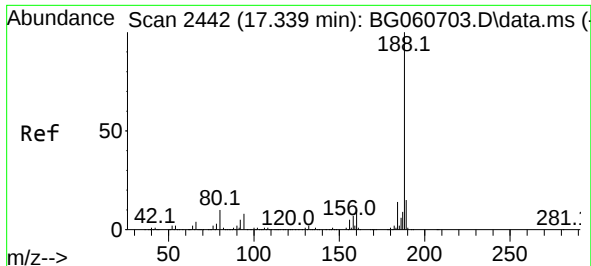


#57
2,4-Dinitrotoluene
Concen: 10.360 ng
RT: 14.578 min Scan# 1972
Delta R.T. -0.363 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10



Tgt Ion:165 Resp: 20931
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.0#
89 1.2 61.0 91.6#
182 0.0 1.8 2.6#

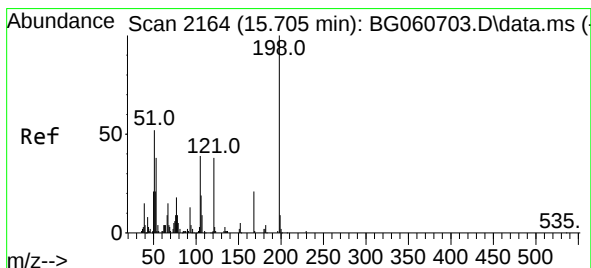
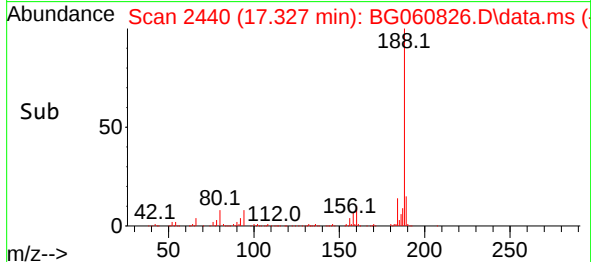
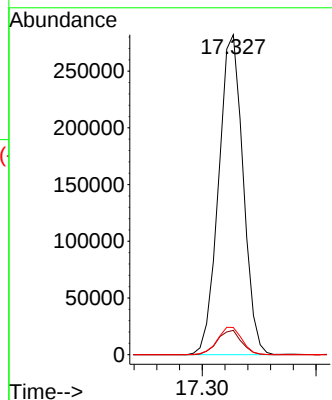
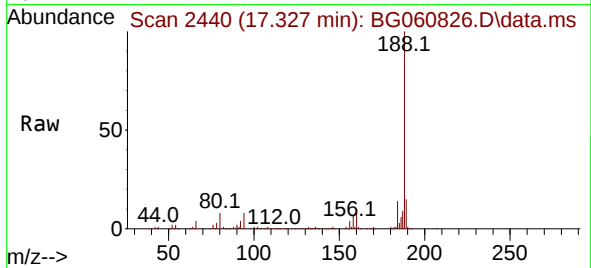




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2442
Delta R.T. -0.011 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

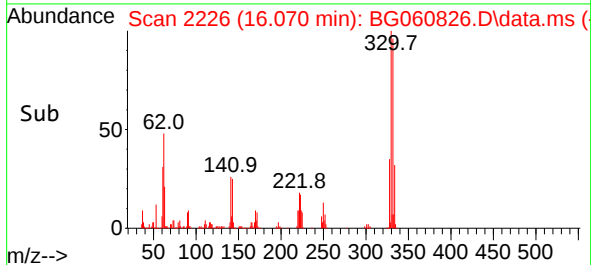
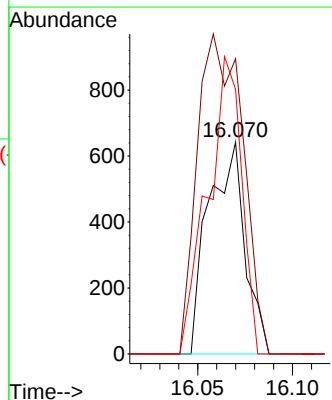
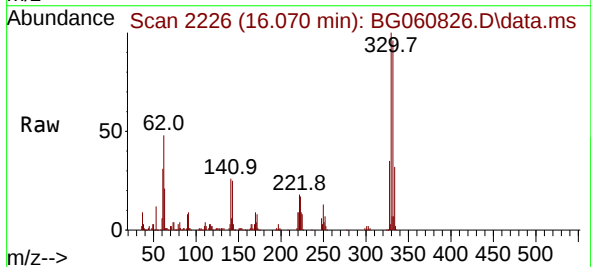
Instrument :
BNA_G
ClientSampleId :

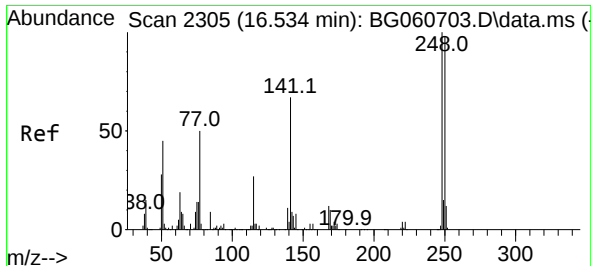
Tgt Ion:188 Resp: 422219
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.453 ng
RT: 16.070 min Scan# 2226
Delta R.T. 0.365 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

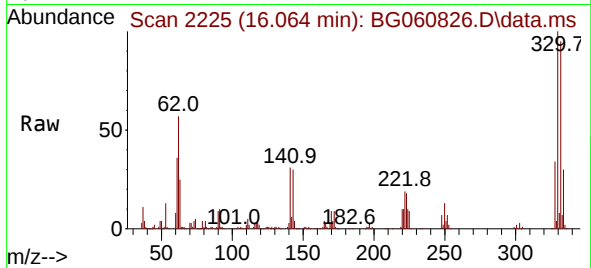
Tgt Ion:198 Resp: 856
Ion Ratio Lower Upper
198 100
51 139.4 36.7 76.7#
105 124.9 19.1 59.1#



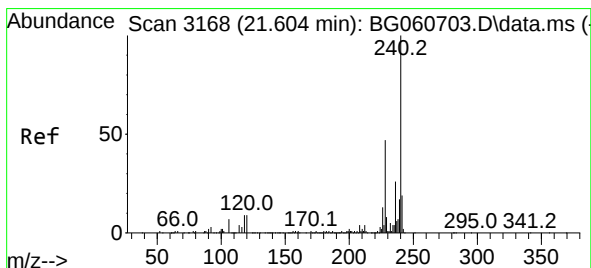
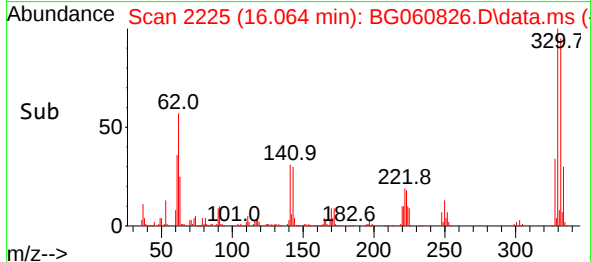
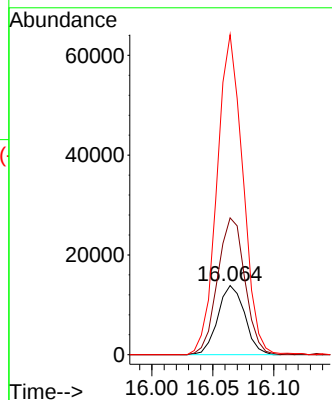


#67
4-Bromophenyl-phenylether
Concen: 4.943 ng
RT: 16.064 min Scan# 21180
Delta R.T. -0.470 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

Instrument :
BNA_G
ClientSampleId :

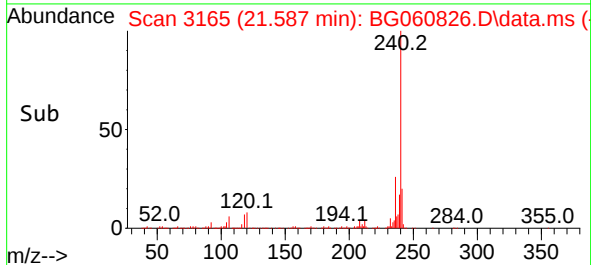
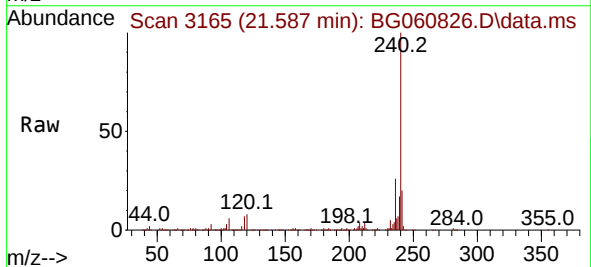
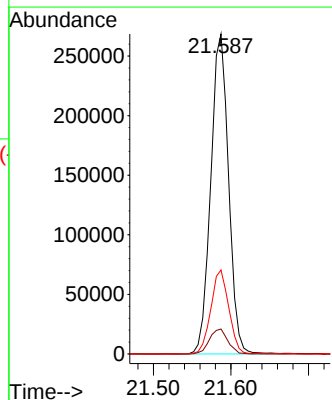


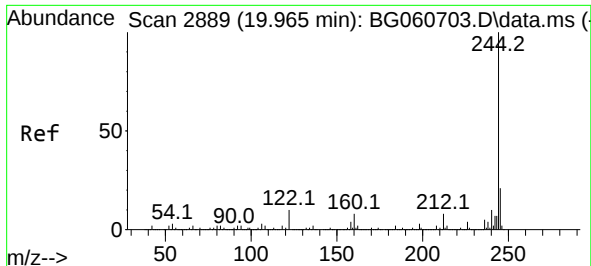
Tgt Ion:248 Resp: 21180
Ion Ratio Lower Upper
248 100
250 198.1 78.3 117.5#
141 463.3 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.587 min Scan# 3165
Delta R.T. -0.017 min
Lab File: BG060826.D
Acq: 8 Apr 2024 15:10

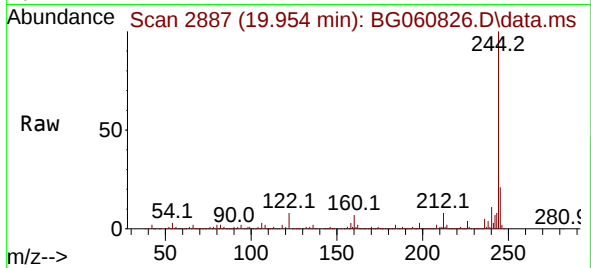
Tgt Ion:240 Resp: 427987
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.2 20.7 31.1





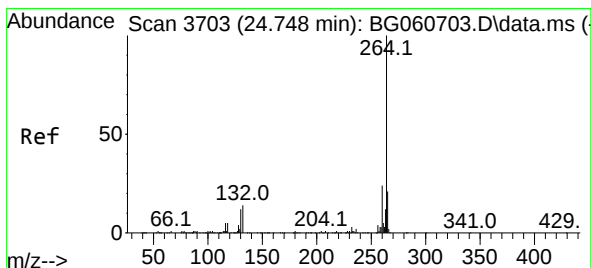
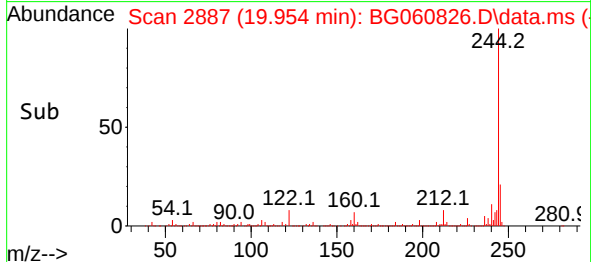
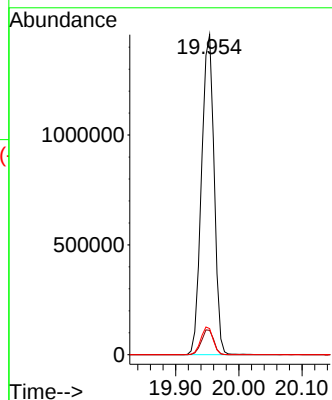
#79
 Terphenyl-d14
 Concen: 82.964 ng
 RT: 19.954 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG060826.D
 Acq: 8 Apr 2024 15:10

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 2016510

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	8.2	7.8	11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.719 min Scan# 3698
 Delta R.T. -0.029 min
 Lab File: BG060826.D
 Acq: 8 Apr 2024 15:10

Tgt Ion:264 Resp: 502050

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.3	16.9	25.3

