

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060814.D
 Acq On : 6 Apr 2024 16:54
 Operator : MA/JU
 Sample : P1996-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 08 02:08:19 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)

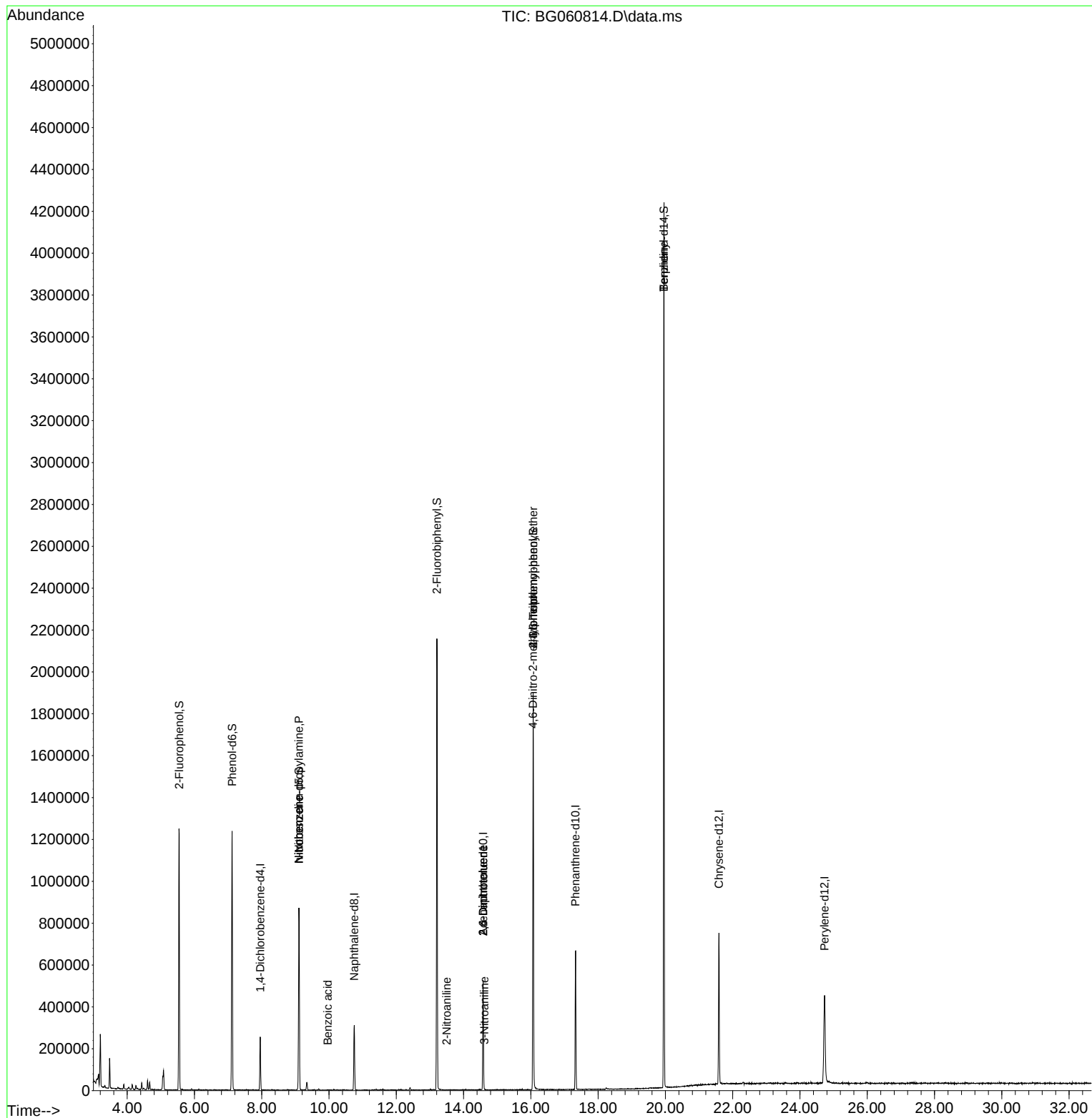
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	67792	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	256132	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	187473	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	437424	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	434925	20.000	ng	-0.01
86) Perylene-d12	24.728	264	502746	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	494075	121.412	ng	0.00
7) Phenol-d6	7.119	99	636353	105.346	ng	0.00
23) Nitrobenzene-d5	9.105	82	481820	107.341	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	376871	177.091	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	1146872	89.783	ng	-0.01
79) Terphenyl-d14	19.957	244	2169273	87.825	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.105	70	64758	14.058	ng	# 73
24) Nitrobenzene	9.105	77	1667	3.087	ng	# 42
32) Benzoic acid	9.963	122	250	6.914	ng	# 69
48) 2-Nitroaniline	13.500	65	70	2.813	ng	# 11
51) 2,6-Dinitrotoluene	14.581	165	25248	12.318	ng	# 17
53) 3-Nitroaniline	14.616	138	53	2.868	ng	# 1
57) 2,4-Dinitrotoluene	14.581	165	25248	10.353	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.061	198	1127	7.567	ng	# 1
67) 4-Bromophenyl-phenylether	16.067	248	26352	5.936	ng	# 1
77) Benzidine	19.957	184	34195	2.986	ng	# 93

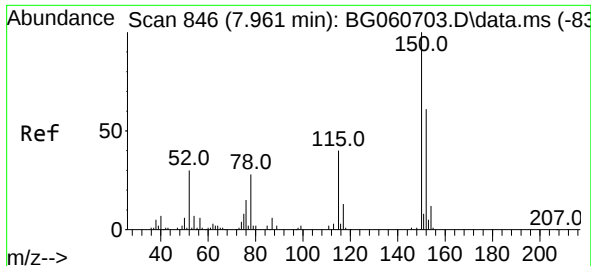
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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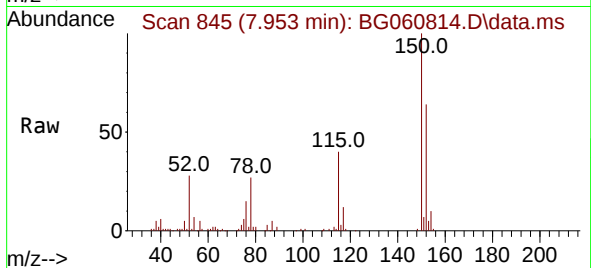
Quant Time: Apr 08 02:08:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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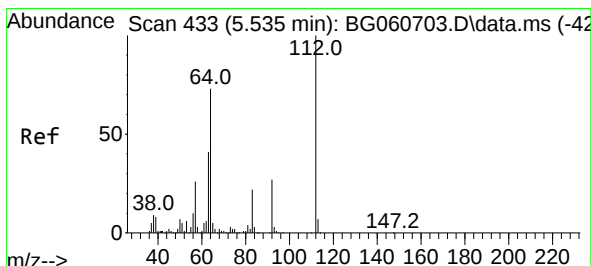
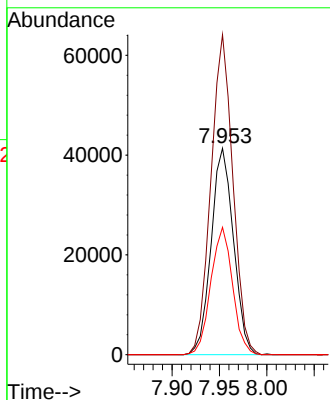
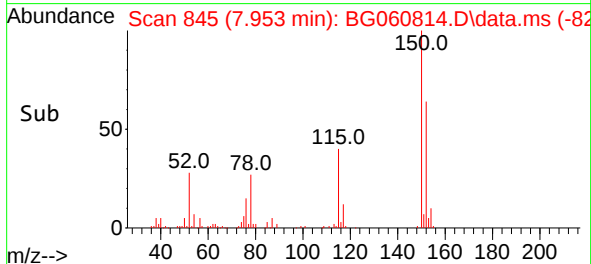


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

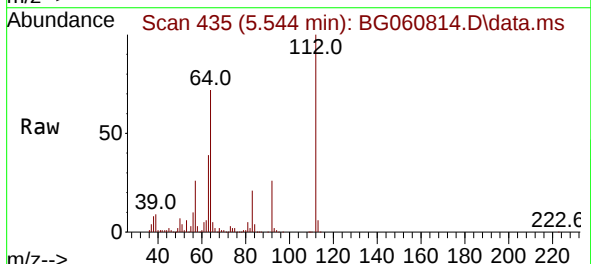
Instrument :
BNA_G
ClientSampleId :



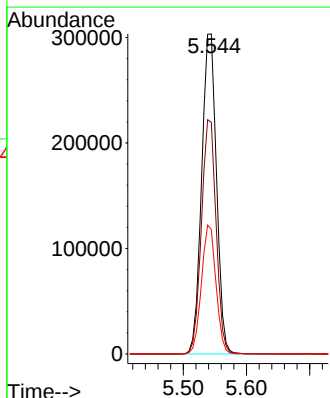
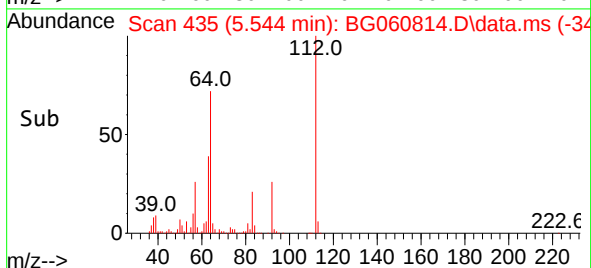
Tgt Ion:152 Resp: 67792
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.4
115 61.7 51.6 77.4

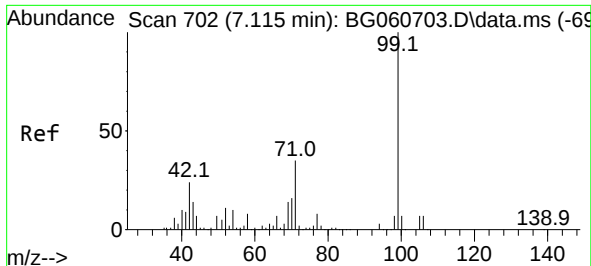


#5
2-Fluorophenol
Concen: 121.412 ng
RT: 5.544 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54



Tgt Ion:112 Resp: 494075
Ion Ratio Lower Upper
112 100
64 72.4 58.4 87.6
63 38.9 32.7 49.1



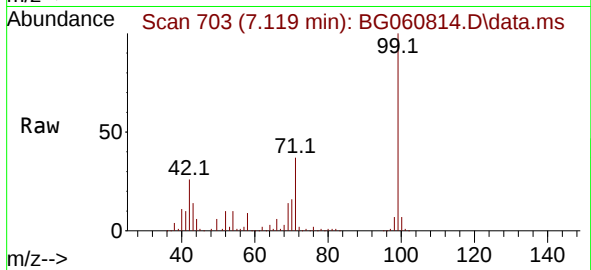


#7
Phenol-d6
Concen: 105.346 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.004 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

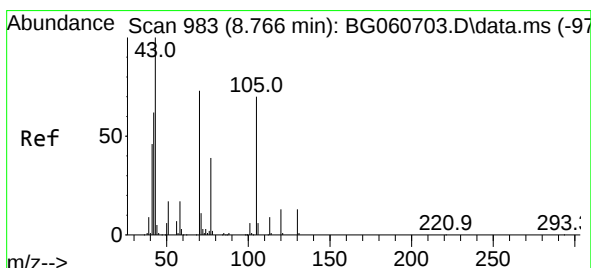
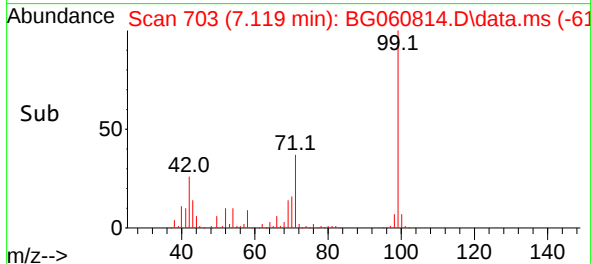
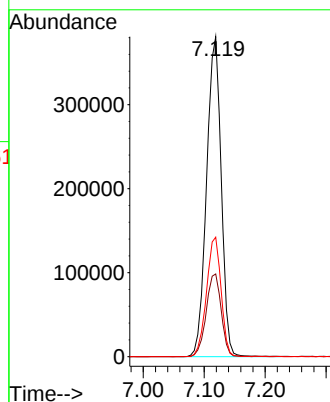
Instrument :

BNA_G

ClientSampleId :

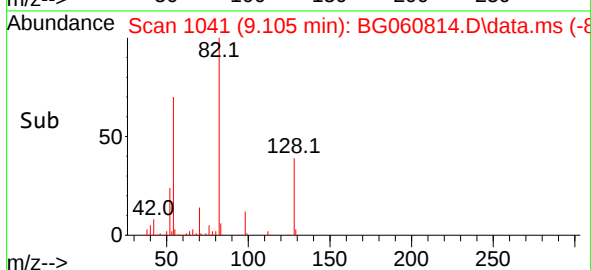
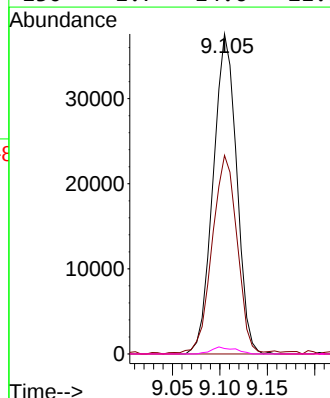
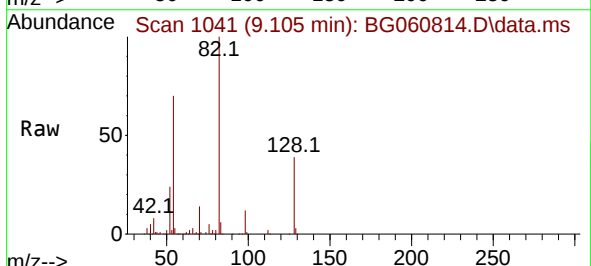


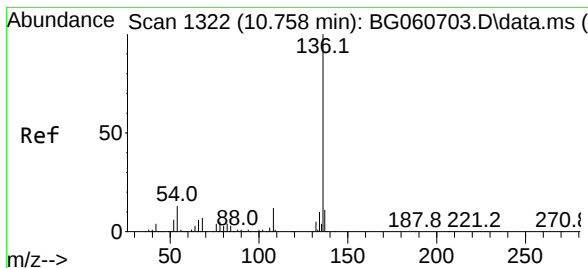
Tgt Ion: 99 Resp: 636353
Ion Ratio Lower Upper
99 100
42 25.8 19.4 29.2
71 37.4 28.2 42.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.058 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.339 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion: 70 Resp: 64758
Ion Ratio Lower Upper
70 100
42 62.1 68.4 102.6#
101 0.0 6.1 9.1#
130 1.7 14.6 21.8#



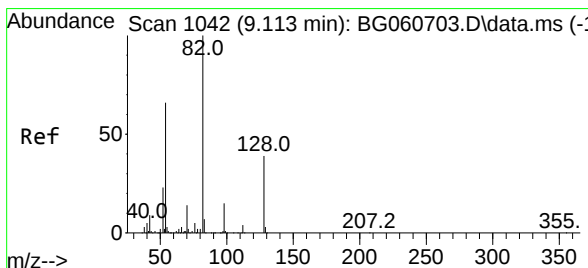
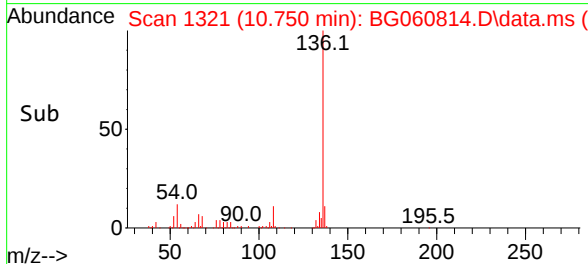
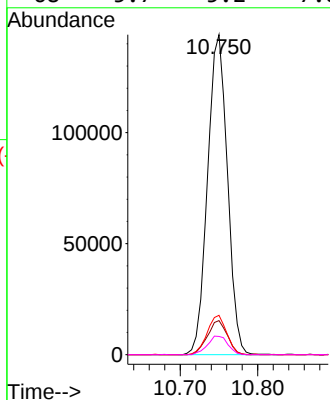
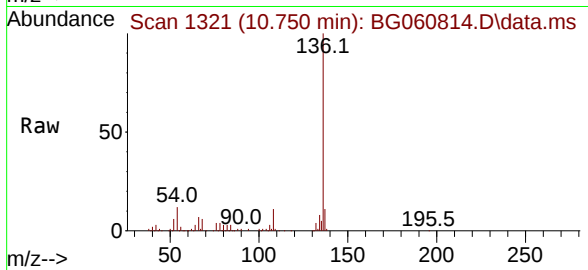


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 256132

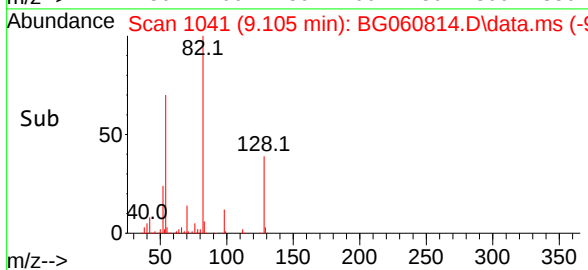
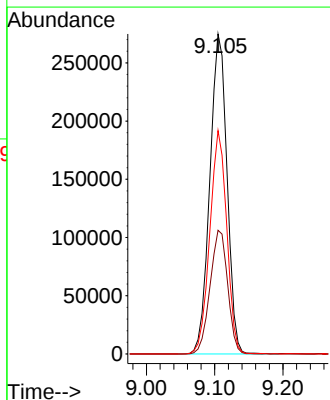
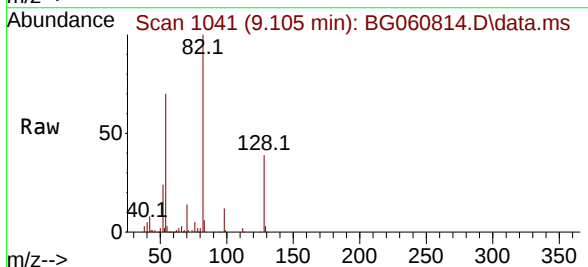
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	12.3	10.2	15.2
68	5.7	5.2	7.8

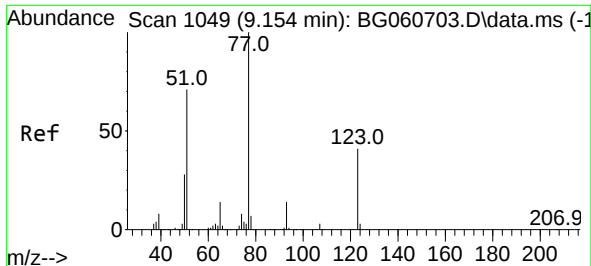


#23
Nitrobenzene-d5
Concen: 107.341 ng
RT: 9.105 min Scan# 1041
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion: 82 Resp: 481820

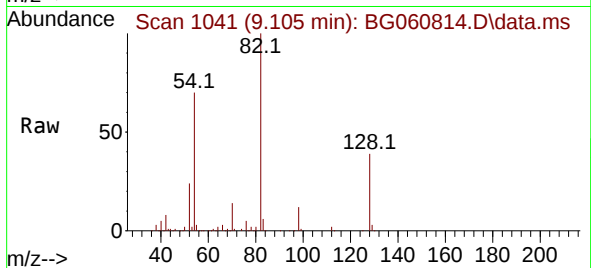
Ion	Ratio	Lower	Upper
82	100		
128	38.6	31.2	46.8
54	69.8	53.2	79.8



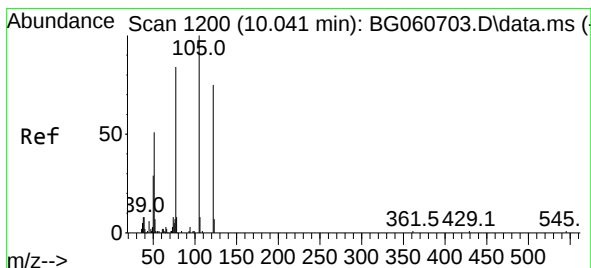
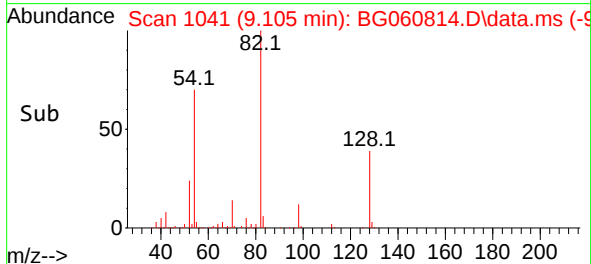
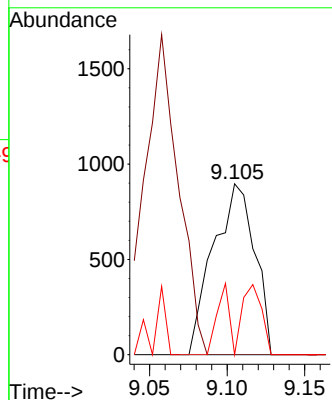


#24
Nitrobenzene
Concen: 3.087 ng
RT: 9.105 min Scan# 1187
Delta R.T. -0.049 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Instrument :
BNA_G
ClientSampleId :

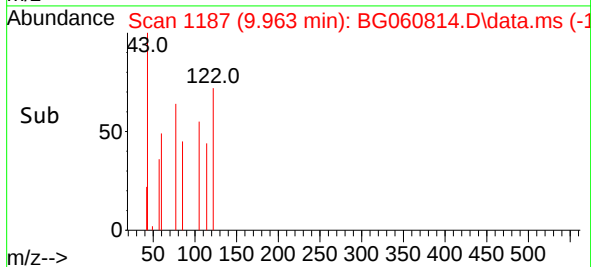
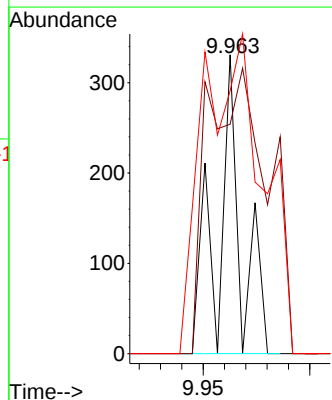
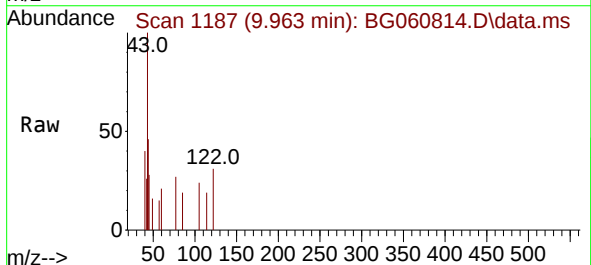


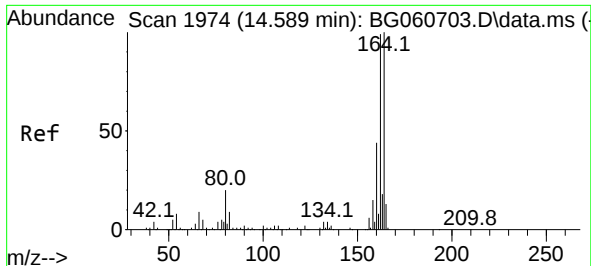
Tgt Ion: 77 Resp: 1667
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 6.914 ng
RT: 9.963 min Scan# 1187
Delta R.T. -0.078 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

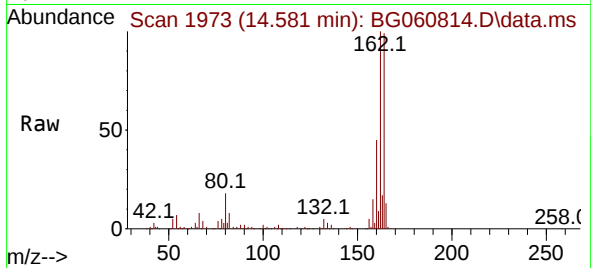
Tgt Ion: 122 Resp: 250
Ion Ratio Lower Upper
122 100
105 76.7 104.5 144.5#
77 87.9 85.3 125.3



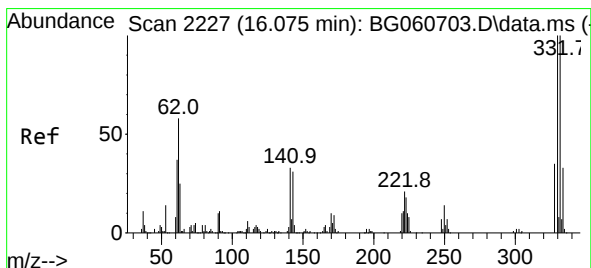
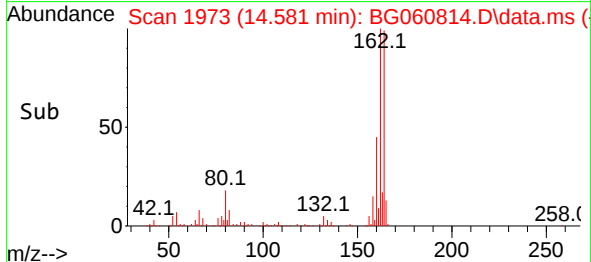
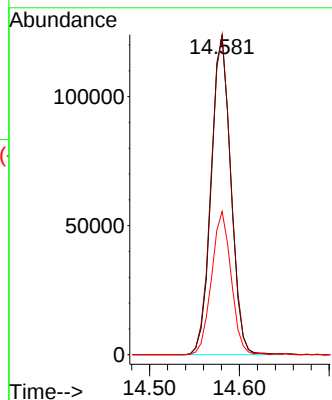


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1974
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Instrument :
BNA_G
ClientSampleId :

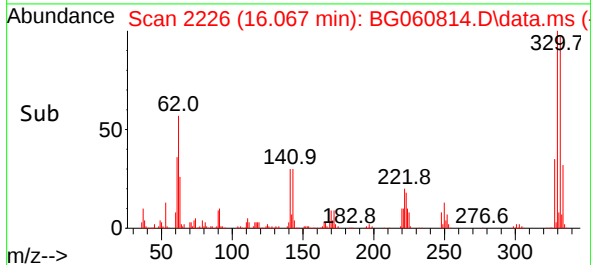
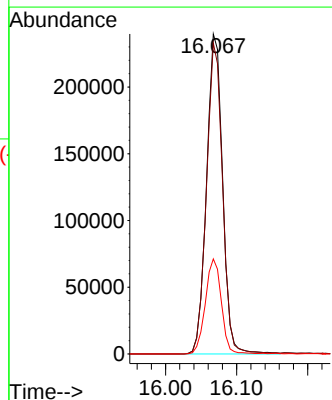
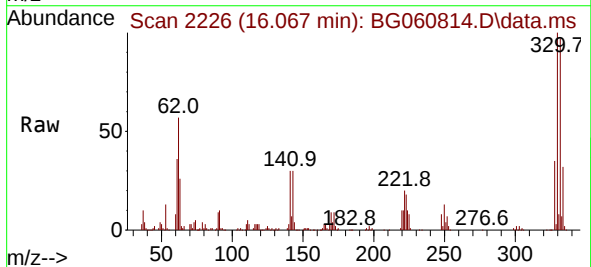


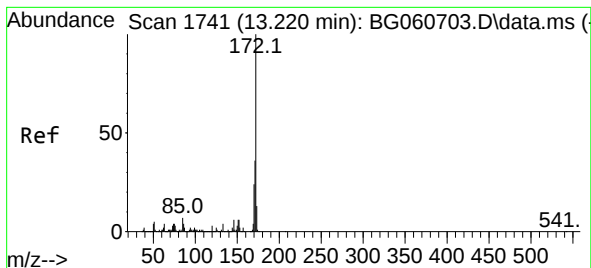
Tgt Ion:164 Resp: 187473
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 177.091 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.008 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

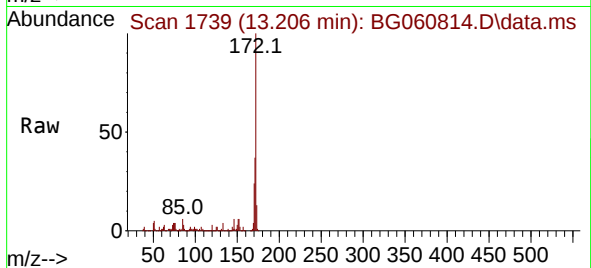
Tgt Ion:330 Resp: 376871
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 29.6 27.0 40.6



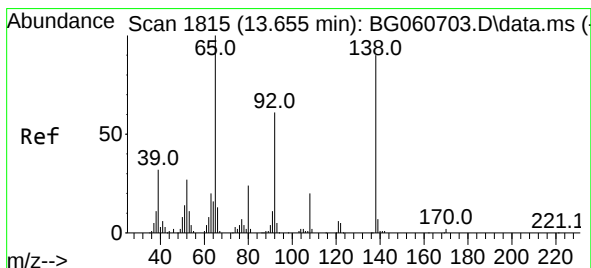
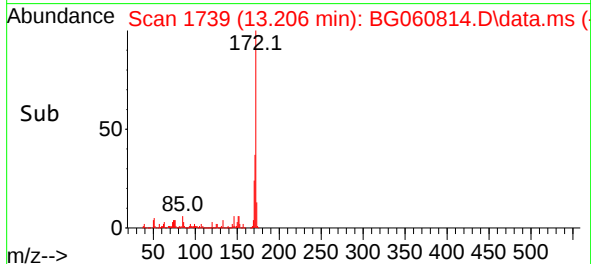
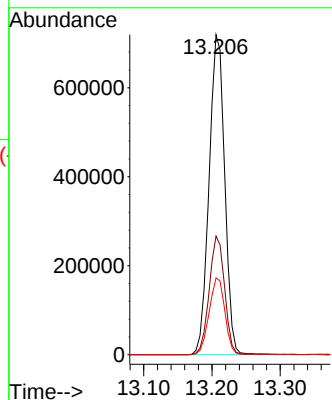


#45
2-Fluorobiphenyl
Concen: 89.783 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Instrument :
BNA_G
ClientSampleId :

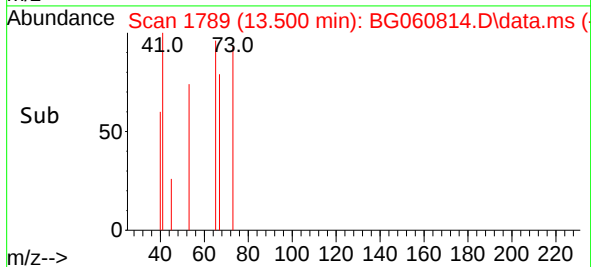
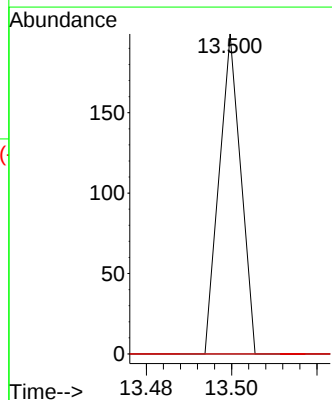
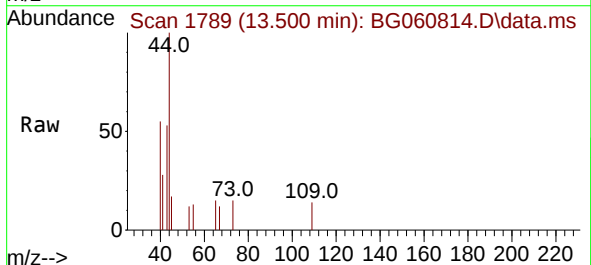


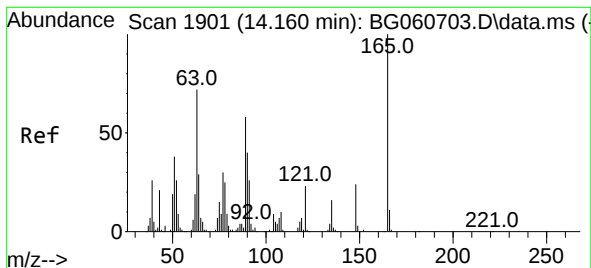
Tgt Ion:172 Resp: 1146872
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 24.0 19.4 29.0



#48
2-Nitroaniline
Concen: 2.813 ng
RT: 13.500 min Scan# 1789
Delta R.T. -0.155 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

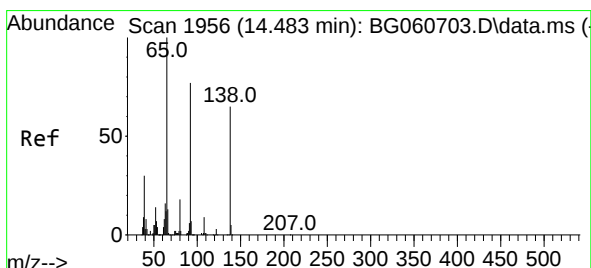
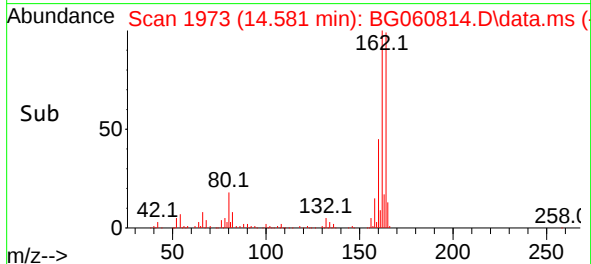
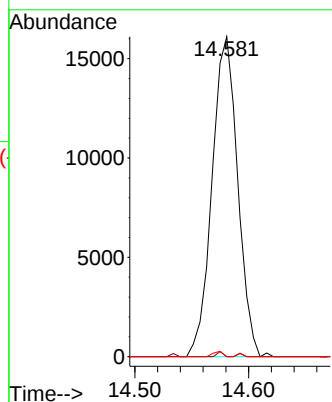
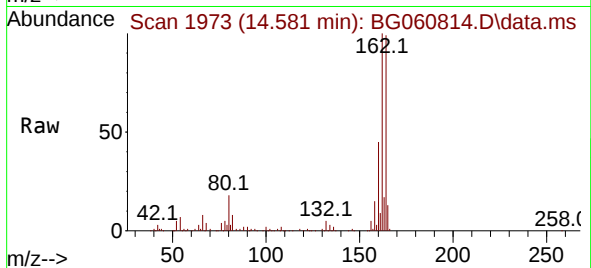




#51
2,6-Dinitrotoluene
Concen: 12.318 ng
RT: 14.581 min Scan# 1901
Delta R.T. 0.421 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

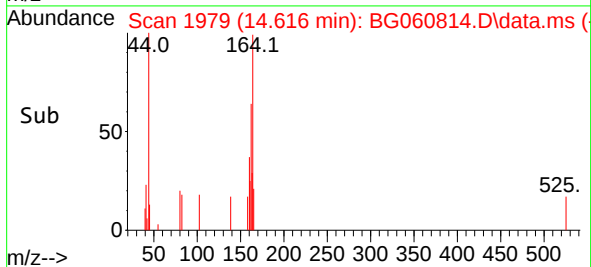
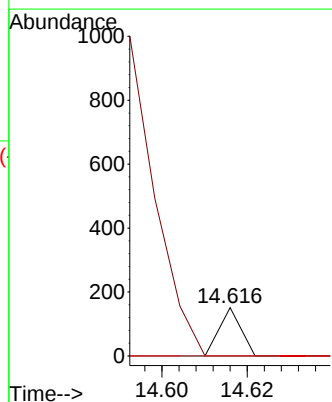
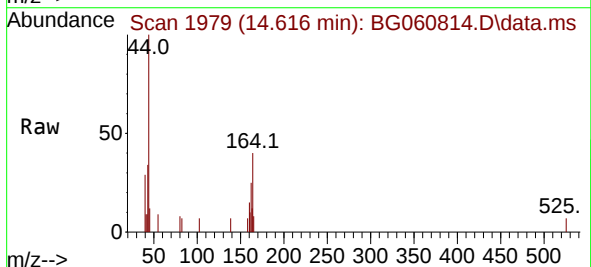
Instrument :
BNA_G
ClientSampleId :

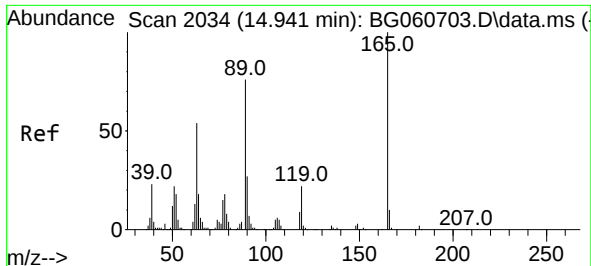
Tgt Ion:165 Resp: 25248
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 0.0 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.868 ng
RT: 14.616 min Scan# 1979
Delta R.T. 0.133 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

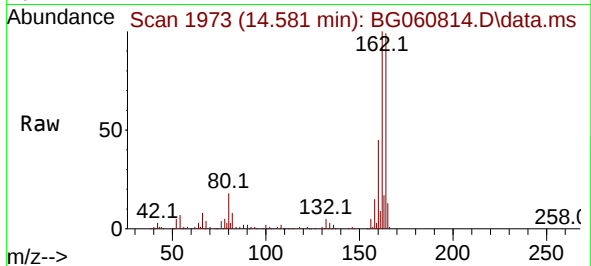
Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#



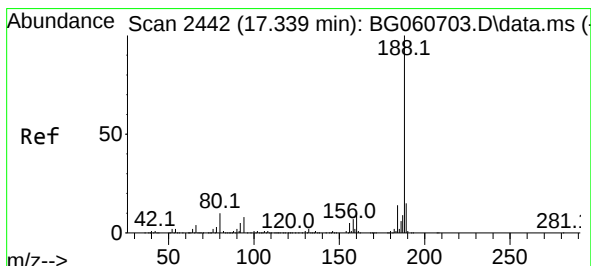
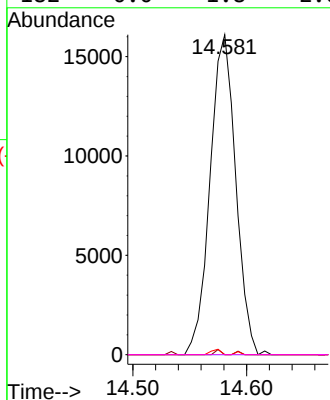
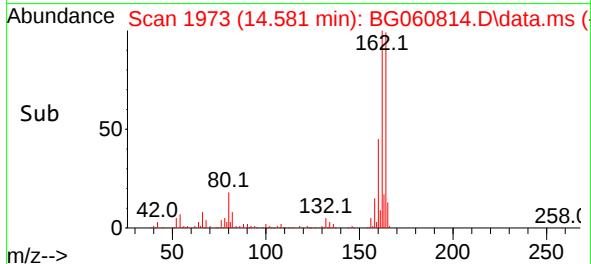


#57
2,4-Dinitrotoluene
Concen: 10.353 ng
RT: 14.581 min Scan# 1973
Delta R.T. -0.360 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

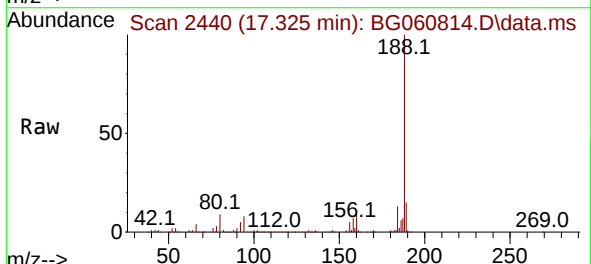
Instrument :
BNA_G
ClientSampleId :



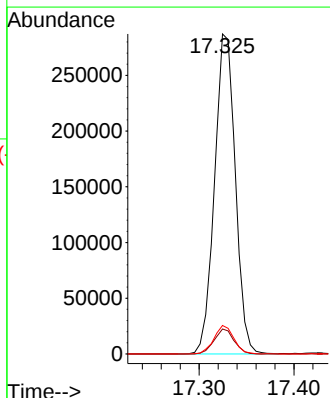
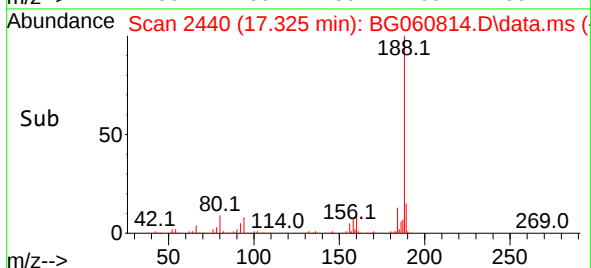
Tgt Ion:165 Resp: 25248
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 0.0 61.0 91.6#
182 0.0 1.8 2.6#

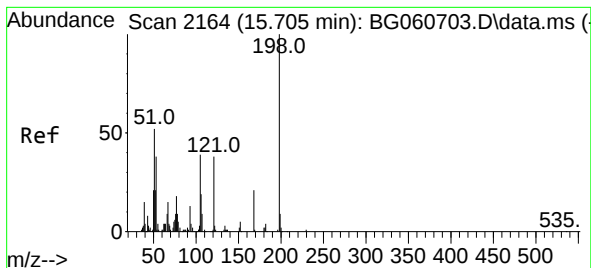


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2440
Delta R.T. -0.014 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54



Tgt Ion:188 Resp: 437424
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 8.9 7.6 11.4

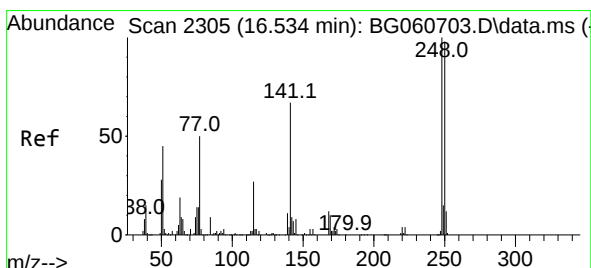
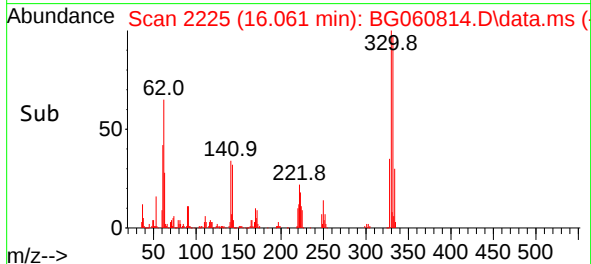
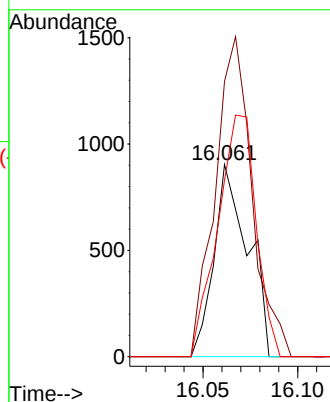
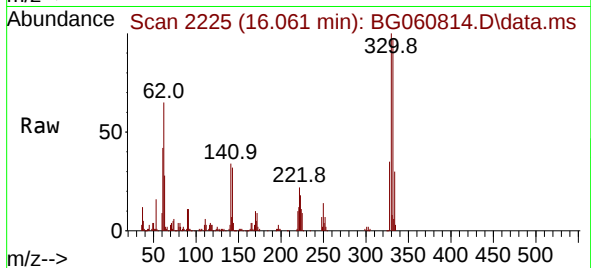




#65
4,6-Dinitro-2-methylphenol
Concen: 7.567 ng
RT: 16.061 min Scan# 2164
Delta R.T. 0.356 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

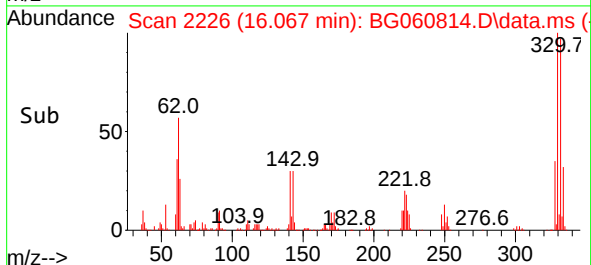
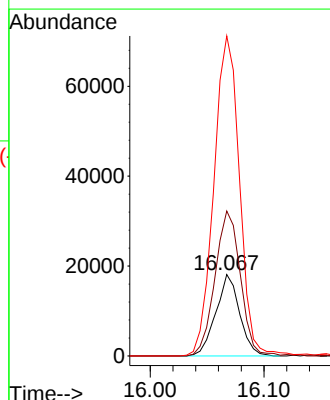
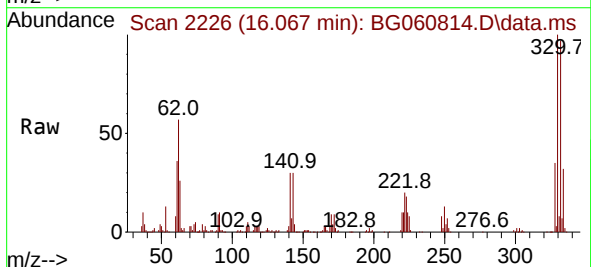
Instrument :
BNA_G
ClientSampleId :

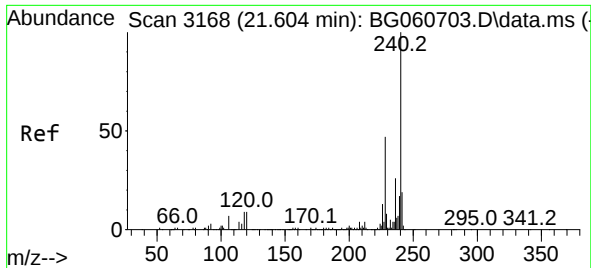
Tgt Ion:198 Resp: 1127
Ion Ratio Lower Upper
198 100
51 143.3 36.7 76.7#
105 91.8 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 5.936 ng
RT: 16.067 min Scan# 2226
Delta R.T. -0.467 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion:248 Resp: 26352
Ion Ratio Lower Upper
248 100
250 178.3 78.3 117.5#
141 393.3 53.7 80.5#

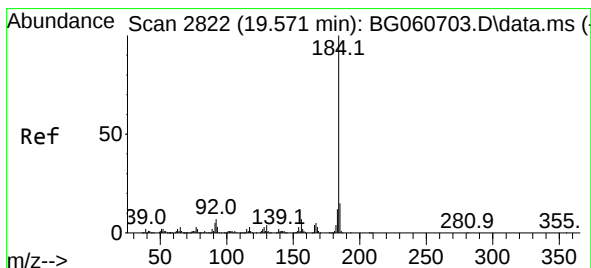
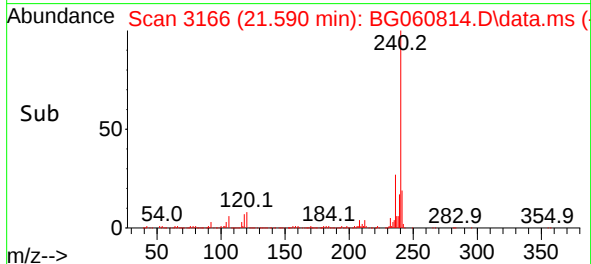
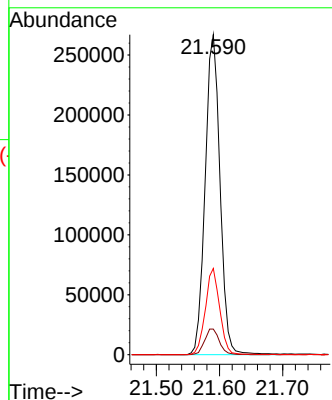
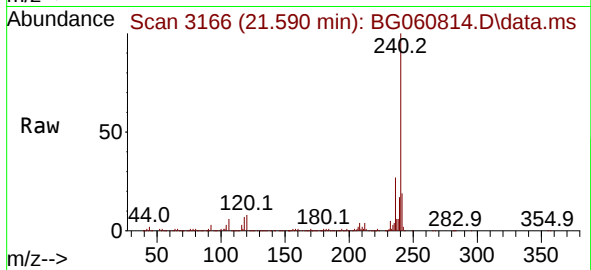




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3166
Delta R.T. -0.014 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

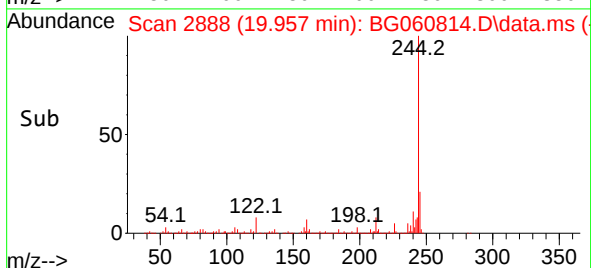
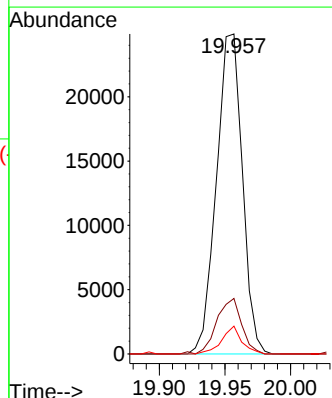
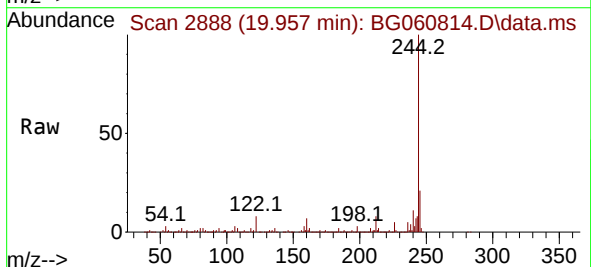
Instrument :
BNA_G
ClientSampleId :

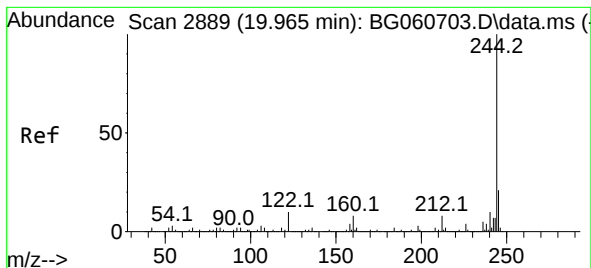
Tgt Ion:240 Resp: 434925
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 26.9 20.7 31.1



#77
Benzidine
Concen: 2.986 ng
RT: 19.957 min Scan# 2888
Delta R.T. 0.385 min
Lab File: BG060814.D
Acq: 6 Apr 2024 16:54

Tgt Ion:184 Resp: 34195
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.6
183 8.7 9.5 14.3#





#79

Terphenyl-d14

Concen: 87.825 ng

RT: 19.957 min Scan# 21

Delta R.T. -0.008 min

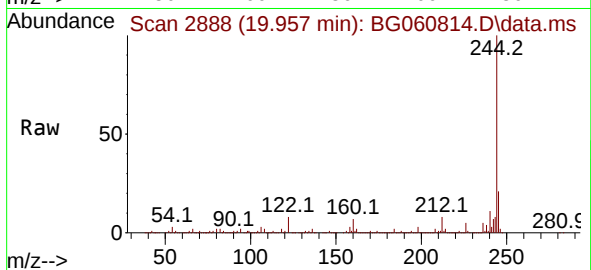
Lab File: BG060814.D

Acq: 6 Apr 2024 16:54

Instrument :

BNA_G

ClientSampleId :



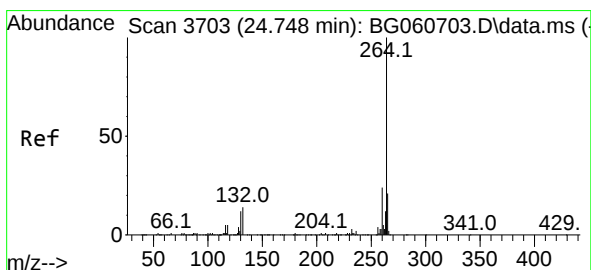
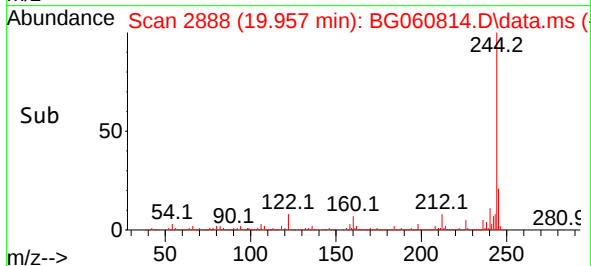
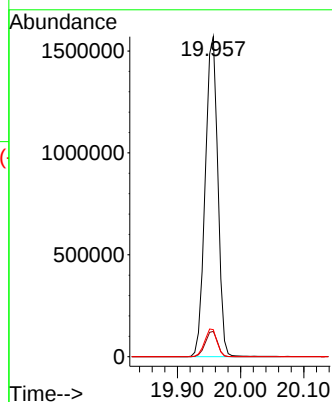
Tgt Ion:244 Resp: 2169273

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 8.4 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.728 min Scan# 3700

Delta R.T. -0.020 min

Lab File: BG060814.D

Acq: 6 Apr 2024 16:54

Tgt Ion:264 Resp: 502746

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.0 16.9 25.3

