

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040924\
 Data File : BG060841.D
 Acq On : 9 Apr 2024 12:18
 Operator : MA/JU
 Sample : P2008-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404

Quant Time: Apr 09 12:49:39 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)

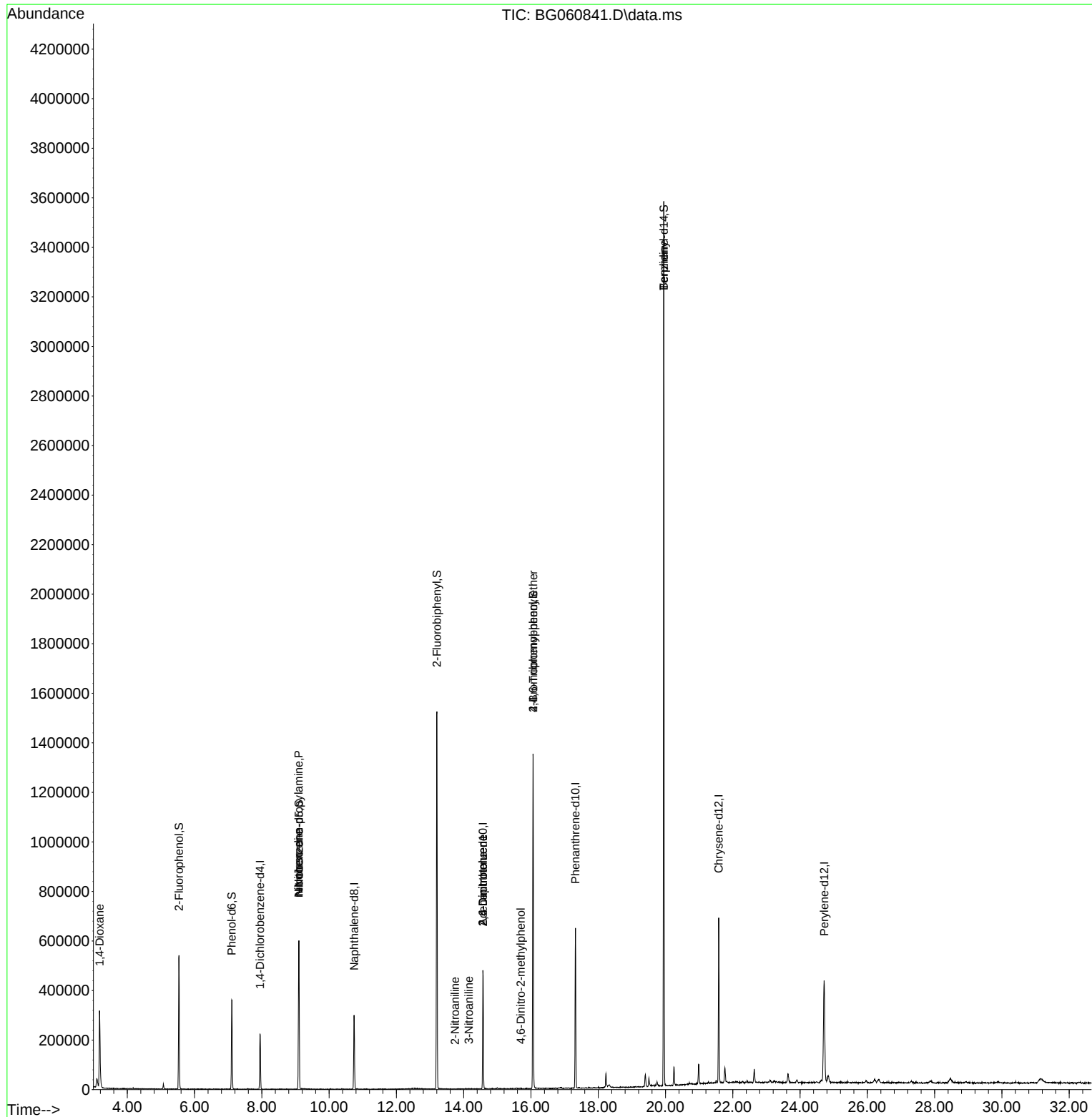
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	62286	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	234806	20.000	ng	-0.02
39) Acenaphthene-d10	14.574	164	175332	20.000	ng	-0.02
64) Phenanthrene-d10	17.323	188	405209	20.000	ng	-0.02
76) Chrysene-d12	21.583	240	384710	20.000	ng	-0.02
86) Perylene-d12	24.715	264	454376	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	218503	58.440	ng	0.00
7) Phenol-d6	7.106	99	185144	33.359	ng	0.00
23) Nitrobenzene-d5	9.104	82	334815	81.365	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	282093	141.734	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	814083	68.143	ng	-0.02
79) Terphenyl-d14	19.950	244	1804635	82.599	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	3201	2.088	ng	# 1
19) n-Nitroso-di-n-propyla...	9.098	70	45777	10.816	ng	# 73
24) Nitrobenzene	9.098	77	1037	2.986	ng	# 42
48) 2-Nitroaniline	13.739	65	54	2.809	ng	# 11
51) 2,6-Dinitrotoluene	14.574	165	22023	11.723	ng	# 19
53) 3-Nitroaniline	14.151	138	55	2.870	ng	# 1
57) 2,4-Dinitrotoluene	14.574	165	22023	9.877	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.702	198	54	7.061	ng	# 28
67) 4-Bromophenyl-phenylether	16.066	248	18975	4.614	ng	# 1
77) Benzidine	19.950	184	27496	2.714	ng	# 93

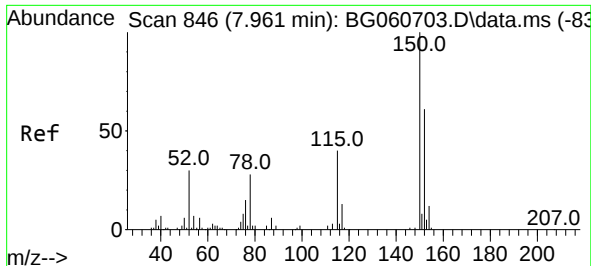
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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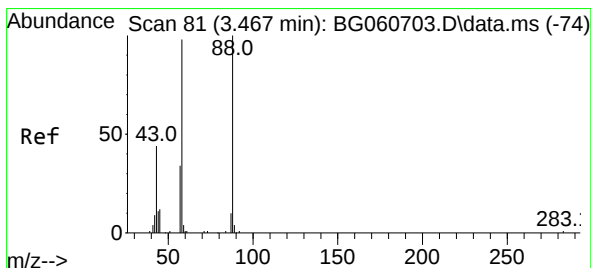
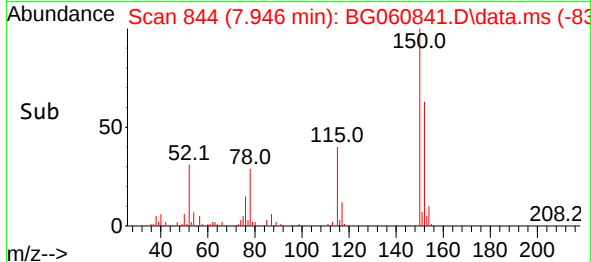
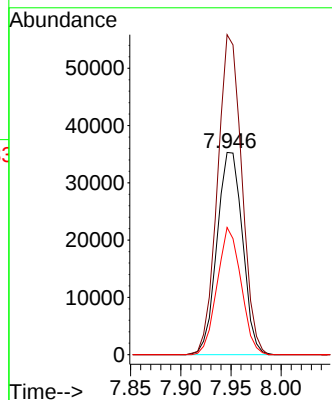
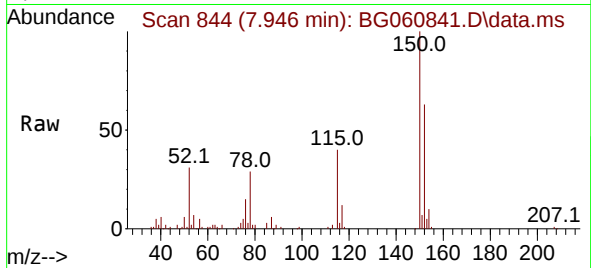




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.946 min Scan# 84
 Delta R.T. -0.015 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

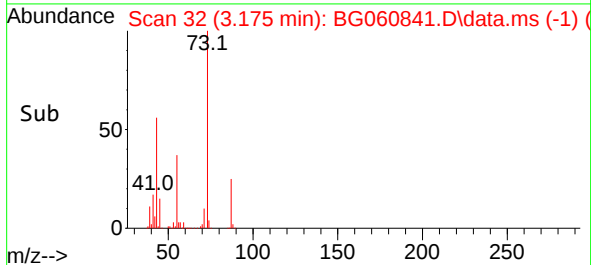
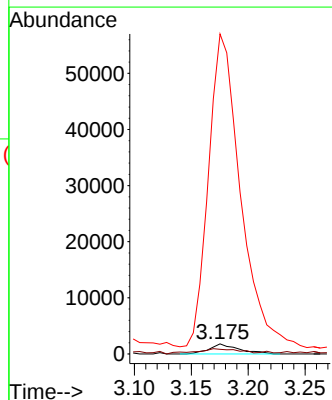
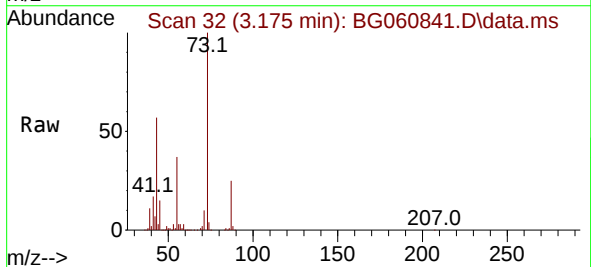
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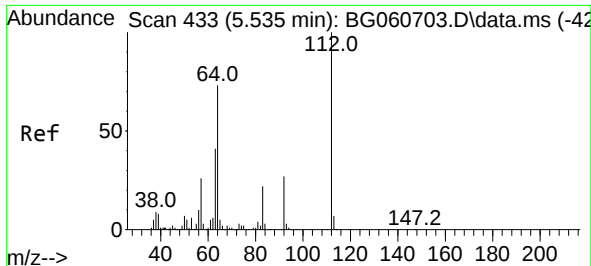
Tgt Ion:152 Resp: 62286
 Ion Ratio Lower Upper
 152 100
 150 158.3 130.2 195.4
 115 62.9 51.6 77.4



#2
 1,4-Dioxane
 Concen: 2.088 ng
 RT: 3.175 min Scan# 32
 Delta R.T. -0.292 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

Tgt Ion: 88 Resp: 3201
 Ion Ratio Lower Upper
 88 100
 58 79.5 80.9 121.3#
 43 3445.4 35.4 53.0#

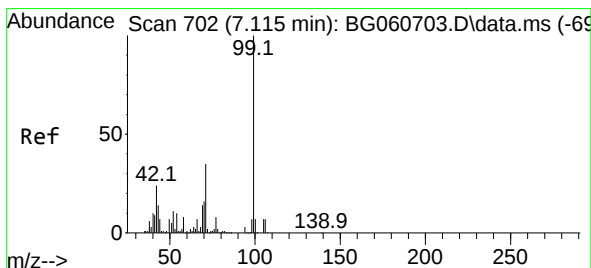
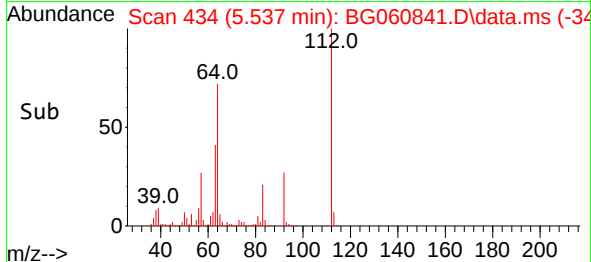
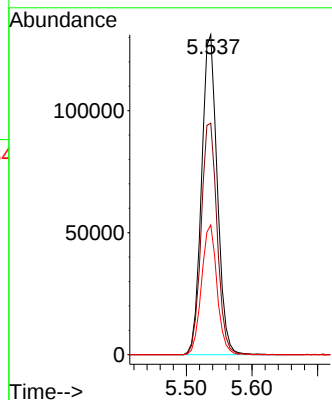
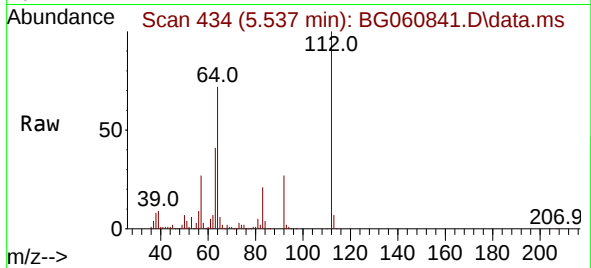




#5
2-Fluorophenol
Concen: 58.440 ng
RT: 5.537 min Scan# 41
Delta R.T. 0.002 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

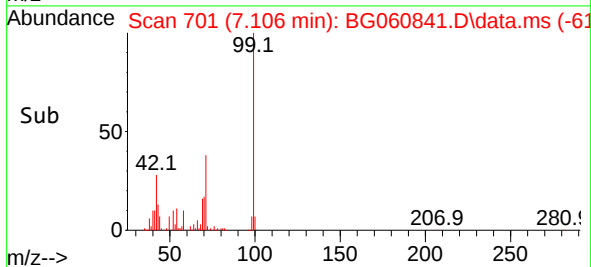
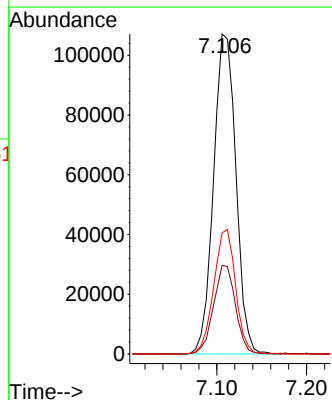
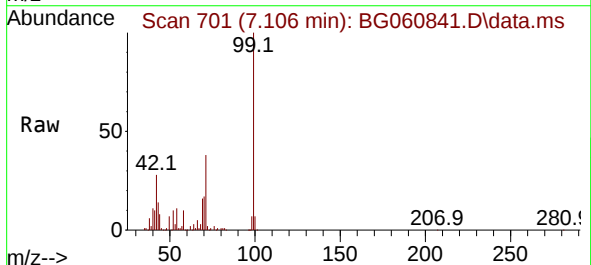
Instrument :
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ClientSampleId :
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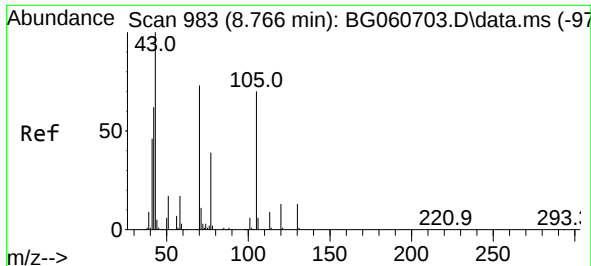
Tgt Ion:112 Resp: 218503
Ion Ratio Lower Upper
112 100
64 72.3 58.4 87.6
63 40.6 32.7 49.1



#7
Phenol-d6
Concen: 33.359 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.009 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion: 99 Resp: 185144
Ion Ratio Lower Upper
99 100
42 27.7 19.4 29.2
71 37.9 28.2 42.2

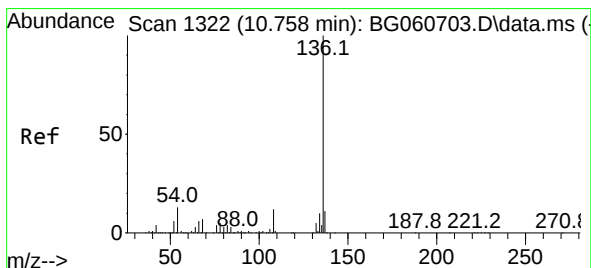
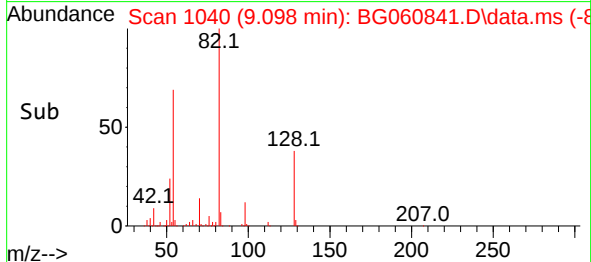
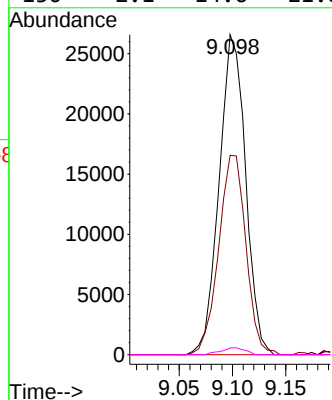
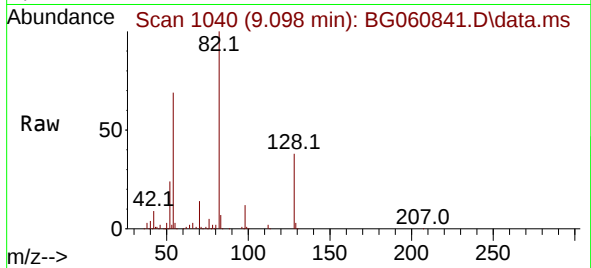




#19
n-Nitroso-di-n-propylamine
Concen: 10.816 ng
RT: 9.098 min Scan# 1040
Delta R.T. 0.332 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

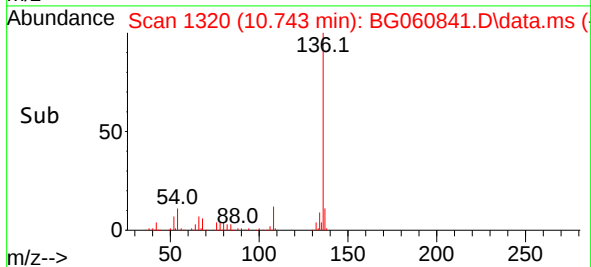
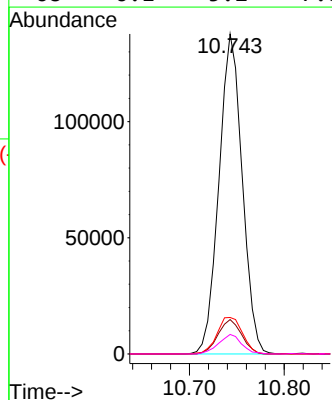
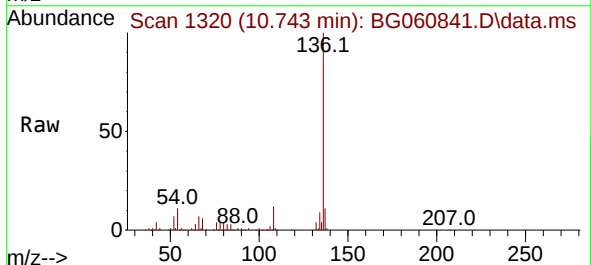
Instrument :
BNA_G
ClientSampleId :
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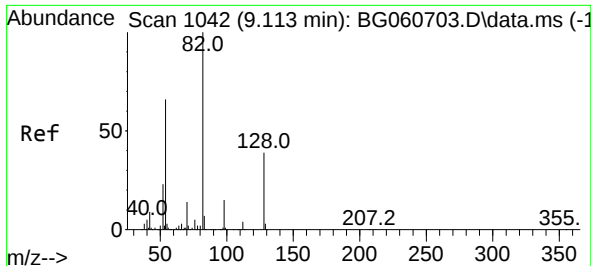
Tgt Ion: 70 Resp: 45777
Ion Ratio Lower Upper
70 100
42 62.3 68.4 102.6#
101 0.0 6.1 9.1#
130 2.1 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1320
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion: 136 Resp: 234806
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.4 10.2 15.2
68 6.1 5.2 7.8

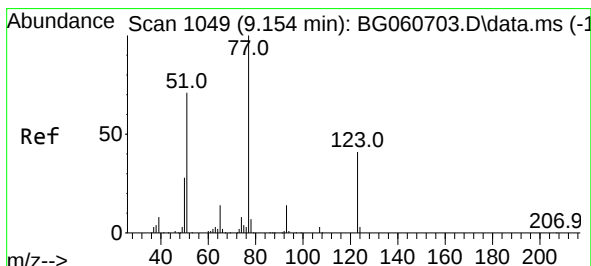
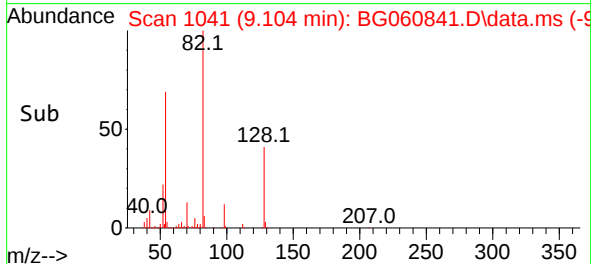
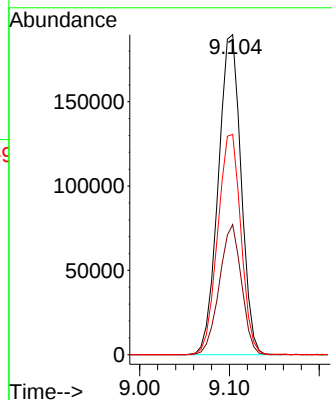
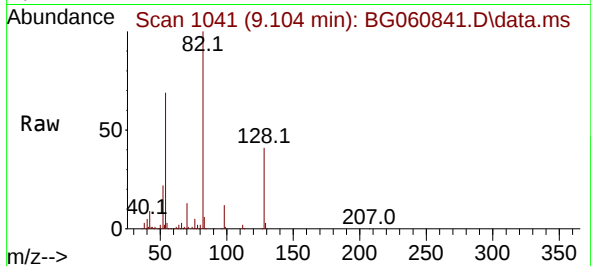




#23
Nitrobenzene-d5
Concen: 81.365 ng
RT: 9.104 min Scan# 1041
Delta R.T. -0.009 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

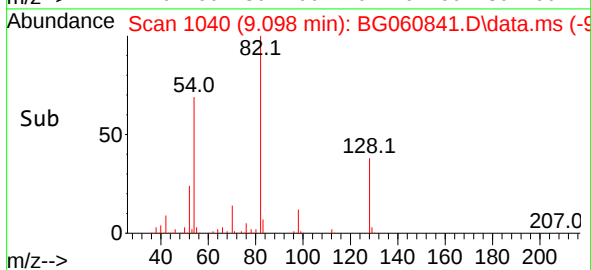
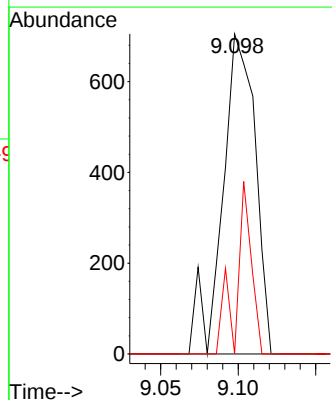
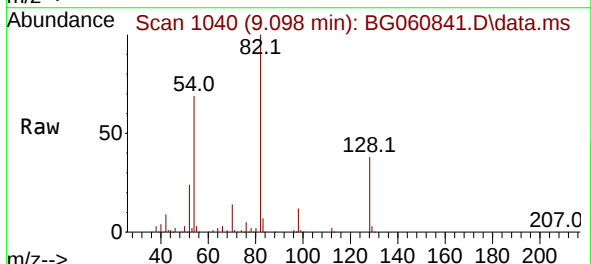
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ClientSampleId :
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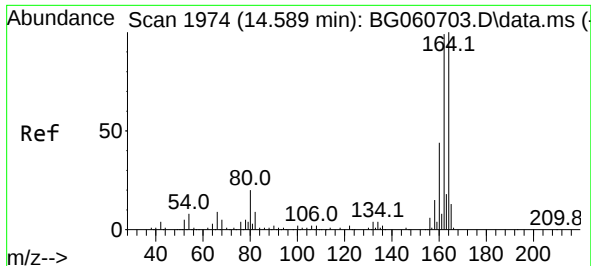
Tgt Ion: 82 Resp: 334815
Ion Ratio Lower Upper
82 100
128 40.7 31.2 46.8
54 68.9 53.2 79.8



#24
Nitrobenzene
Concen: 2.986 ng
RT: 9.098 min Scan# 1040
Delta R.T. -0.056 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion: 77 Resp: 1037
Ion Ratio Lower Upper
77 100
123 0.0 32.7 49.1#
65 0.0 11.3 16.9#

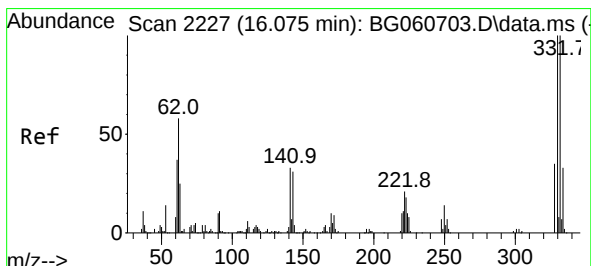
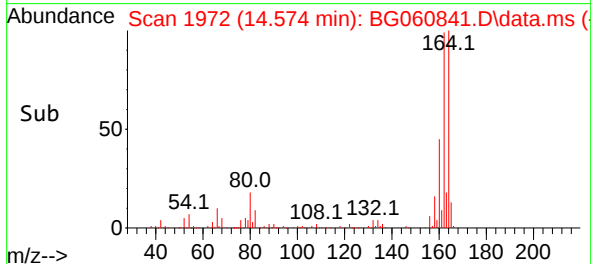
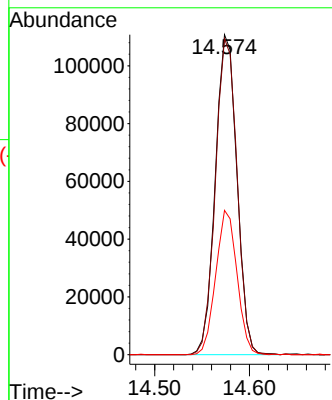
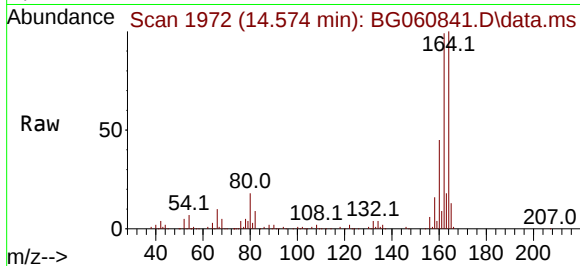




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.574 min Scan# 1974
 Delta R.T. -0.015 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

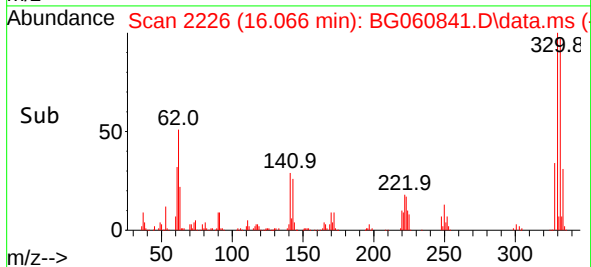
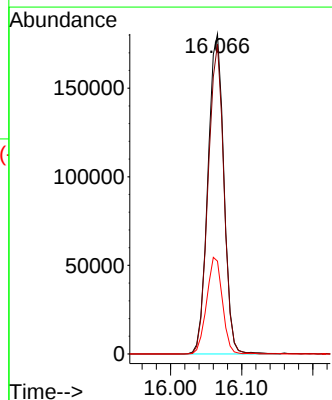
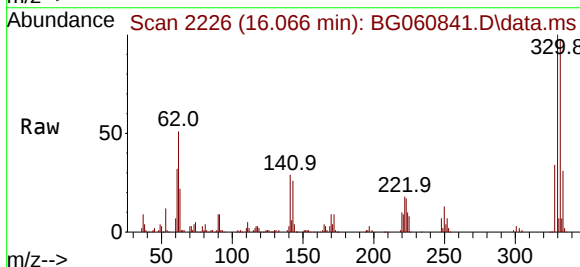
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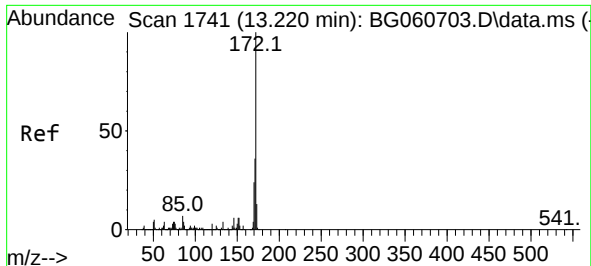
Tgt Ion:164 Resp: 175332
 Ion Ratio Lower Upper
 164 100
 162 98.8 79.5 119.3
 160 45.1 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 141.734 ng
 RT: 16.066 min Scan# 2226
 Delta R.T. -0.009 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

Tgt Ion:330 Resp: 282093
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.4
 141 29.8 27.0 40.6

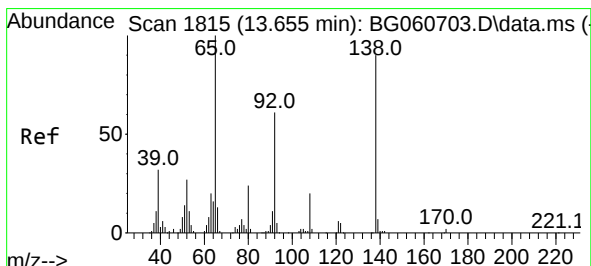
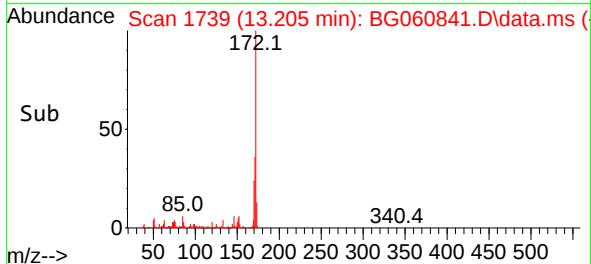
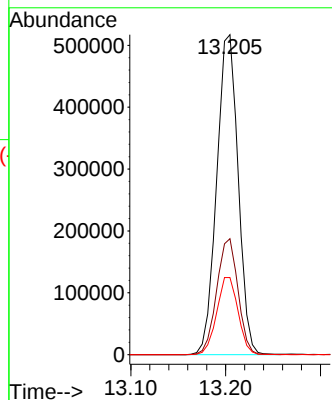
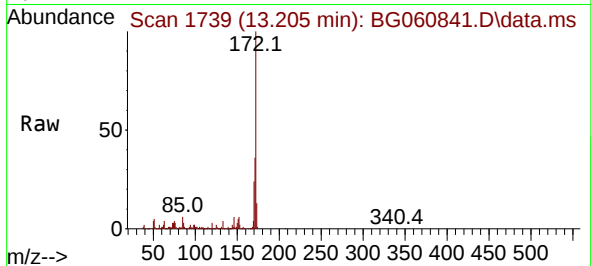




#45
2-Fluorobiphenyl
Concen: 68.143 ng
RT: 13.205 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

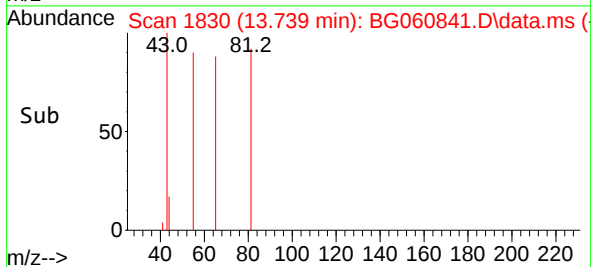
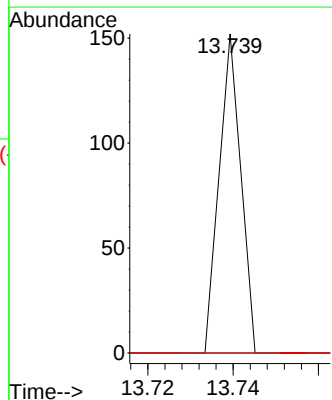
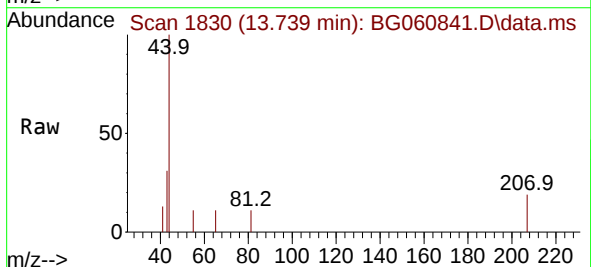
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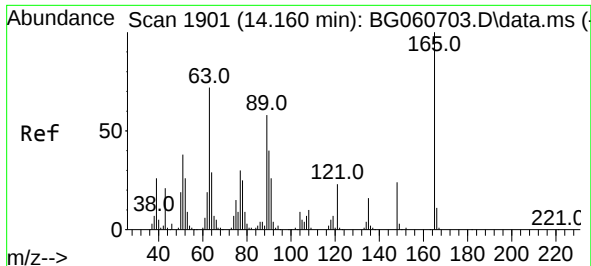
Tgt Ion:172 Resp: 814083
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.1 19.4 29.0



#48
2-Nitroaniline
Concen: 2.809 ng
RT: 13.739 min Scan# 1830
Delta R.T. 0.084 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 0.0 48.6 72.8#
138 0.0 72.2 108.4#

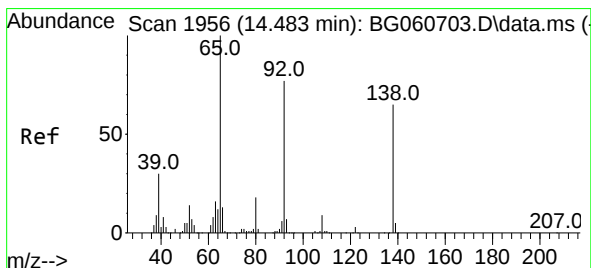
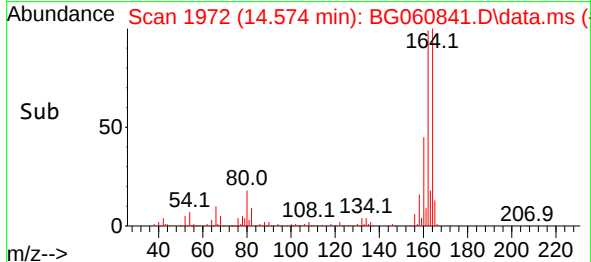
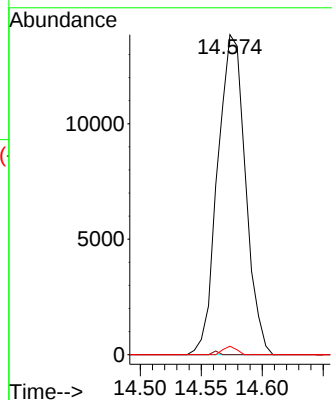
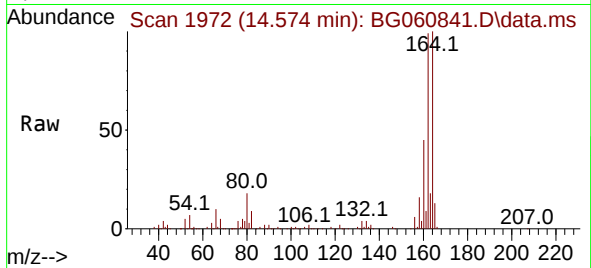




#51
2,6-Dinitrotoluene
Concen: 11.723 ng
RT: 14.574 min Scan# 1901
Delta R.T. 0.414 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

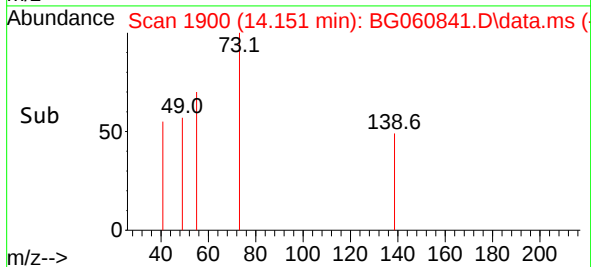
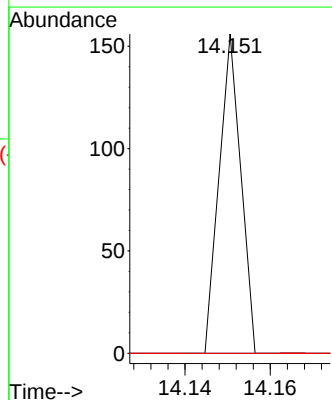
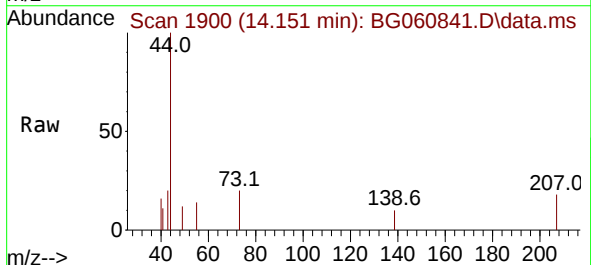
Instrument :
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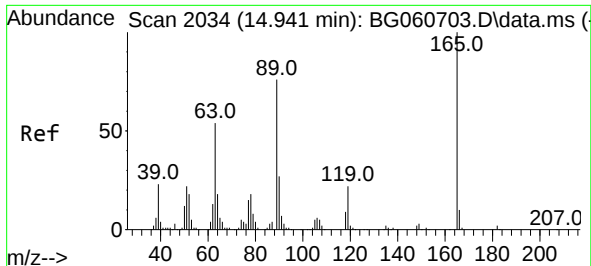
Tgt Ion:165 Resp: 22023
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.4#
89 2.6 46.1 69.1#



#53
3-Nitroaniline
Concen: 2.870 ng
RT: 14.151 min Scan# 1900
Delta R.T. -0.332 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 94.1 141.1#

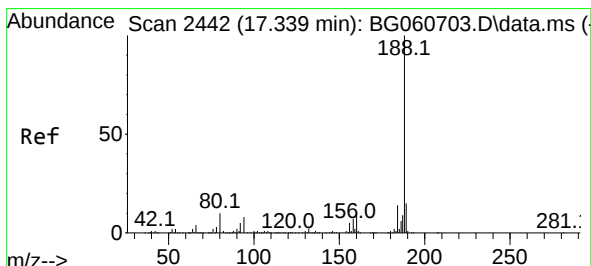
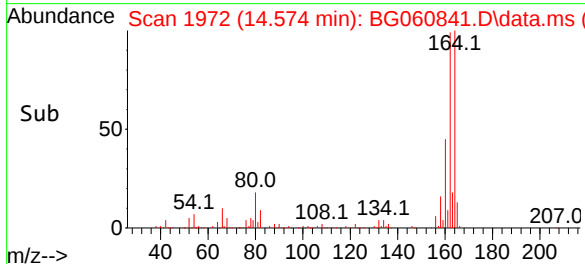
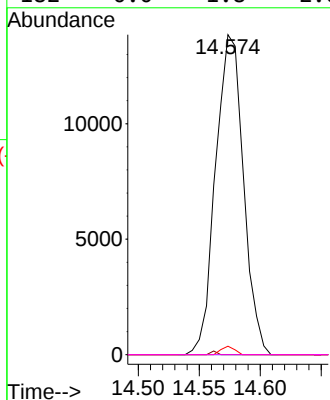
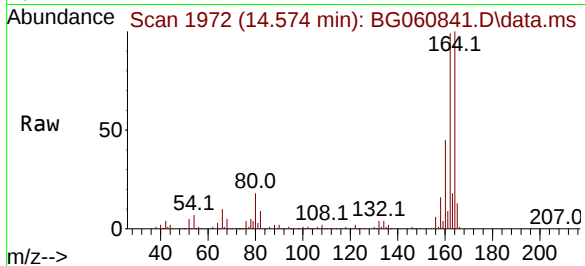




#57
2,4-Dinitrotoluene
Concen: 9.877 ng
RT: 14.574 min Scan# 1972
Delta R.T. -0.367 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

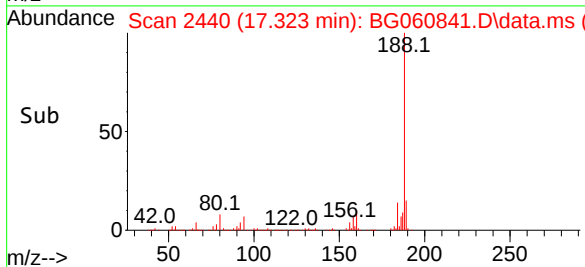
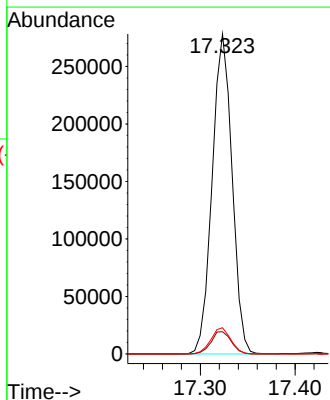
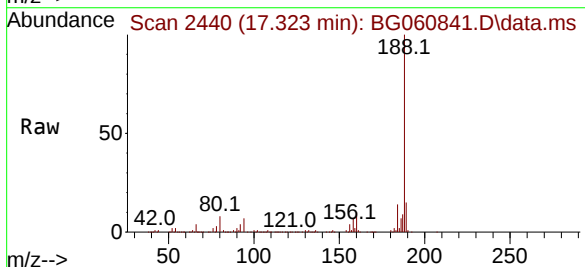
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

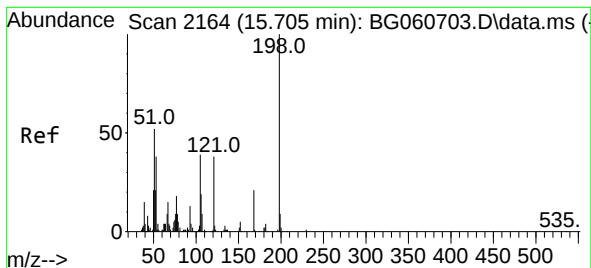
Tgt Ion:165 Resp: 22023
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 2.6 61.0 91.6#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.323 min Scan# 2440
Delta R.T. -0.015 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion:188 Resp: 405209
Ion Ratio Lower Upper
188 100
94 7.0 6.6 9.8
80 8.2 7.6 11.4

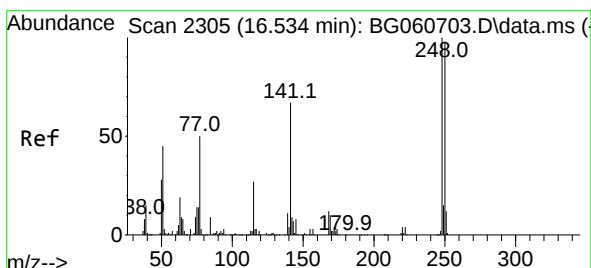
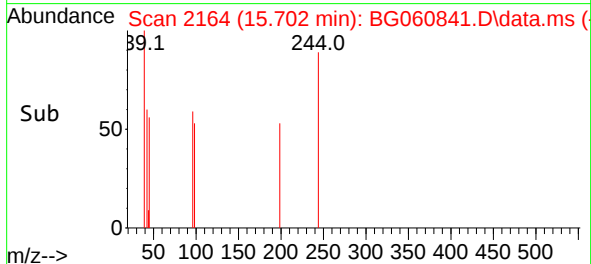
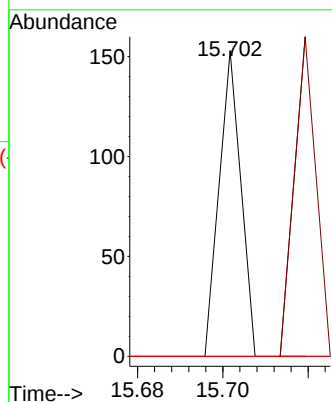
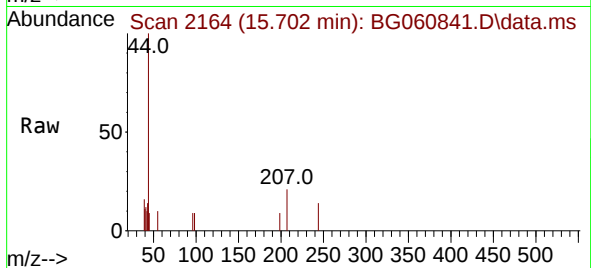




#65
4,6-Dinitro-2-methylphenol
Concen: 7.061 ng
RT: 15.702 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

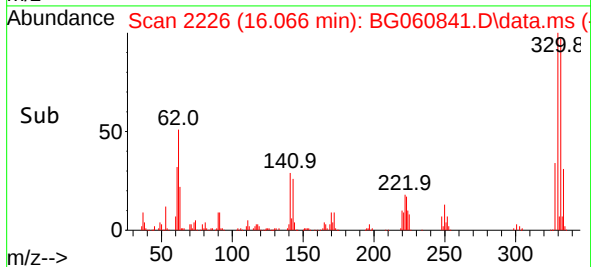
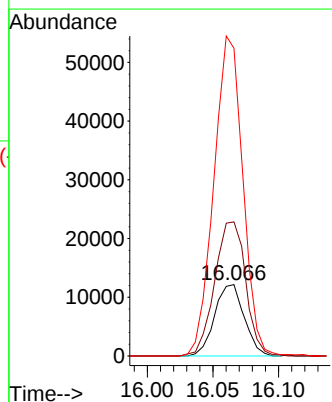
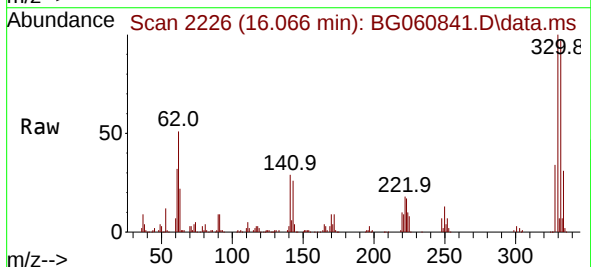
Instrument :
BNA_G
ClientSampleId :
SP-303-20240404

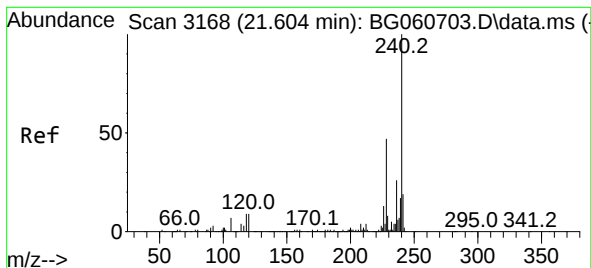
Tgt Ion:198 Resp: 54
Ion Ratio Lower Upper
198 100
51 0.0 36.7 76.7#
105 0.0 19.1 59.1#



#67
4-Bromophenyl-phenylether
Concen: 4.614 ng
RT: 16.066 min Scan# 2226
Delta R.T. -0.468 min
Lab File: BG060841.D
Acq: 9 Apr 2024 12:18

Tgt Ion:248 Resp: 18975
Ion Ratio Lower Upper
248 100
250 188.0 78.3 117.5#
141 431.5 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3165

Delta R.T. -0.021 min

Lab File: BG060841.D

Acq: 9 Apr 2024 12:18

Instrument :

BNA_G

ClientSampleId :

SP-303-20240404

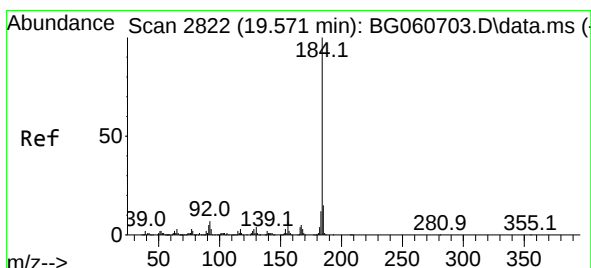
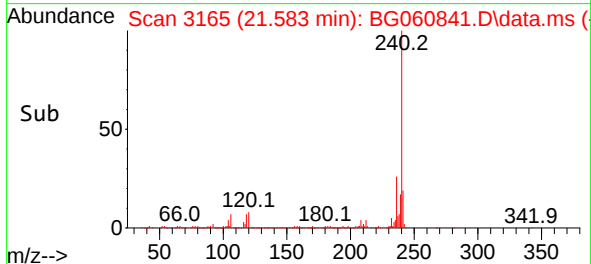
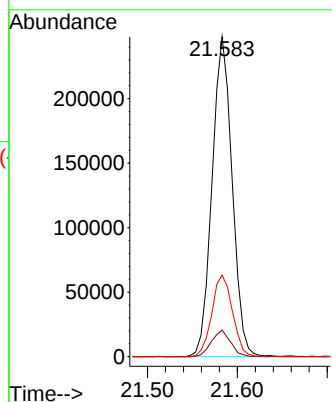
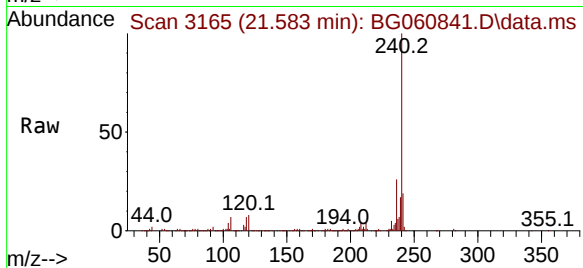
Tgt Ion:240 Resp: 384710

Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

236 25.5 20.7 31.1



#77

Benzidine

Concen: 2.714 ng

RT: 19.950 min Scan# 2887

Delta R.T. 0.378 min

Lab File: BG060841.D

Acq: 9 Apr 2024 12:18

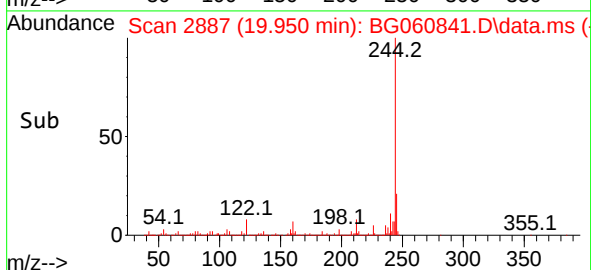
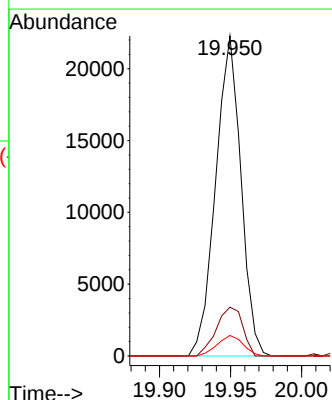
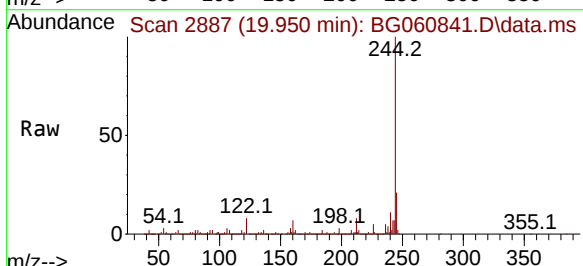
Tgt Ion:184 Resp: 27496

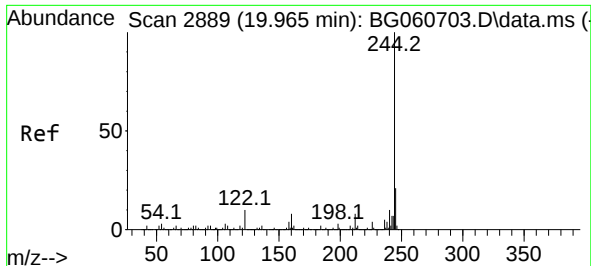
Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.6

183 6.4 9.5 14.3#

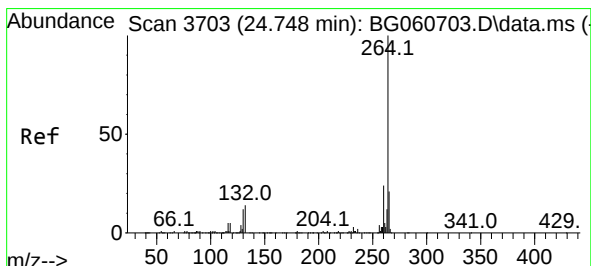
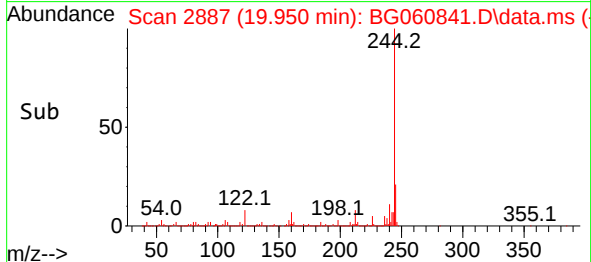
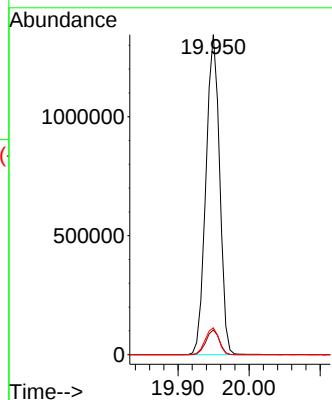
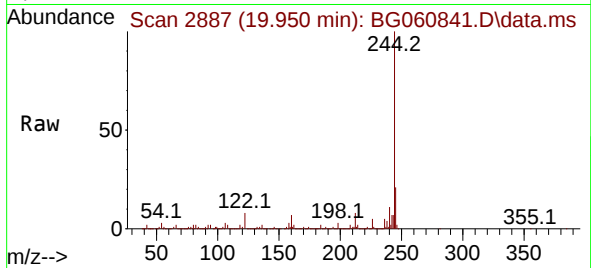




#79
 Terphenyl-d14
 Concen: 82.599 ng
 RT: 19.950 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20240404

Tgt Ion:244 Resp: 1804635
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 8.4 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3698
 Delta R.T. -0.033 min
 Lab File: BG060841.D
 Acq: 9 Apr 2024 12:18

Tgt Ion:264 Resp: 454376
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.4 16.9 25.3

