

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056369.D
 Acq On : 20 Jan 2023 16:01
 Operator : CG/JU
 Sample : 01239-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-3

Quant Time: Jan 22 23:59:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

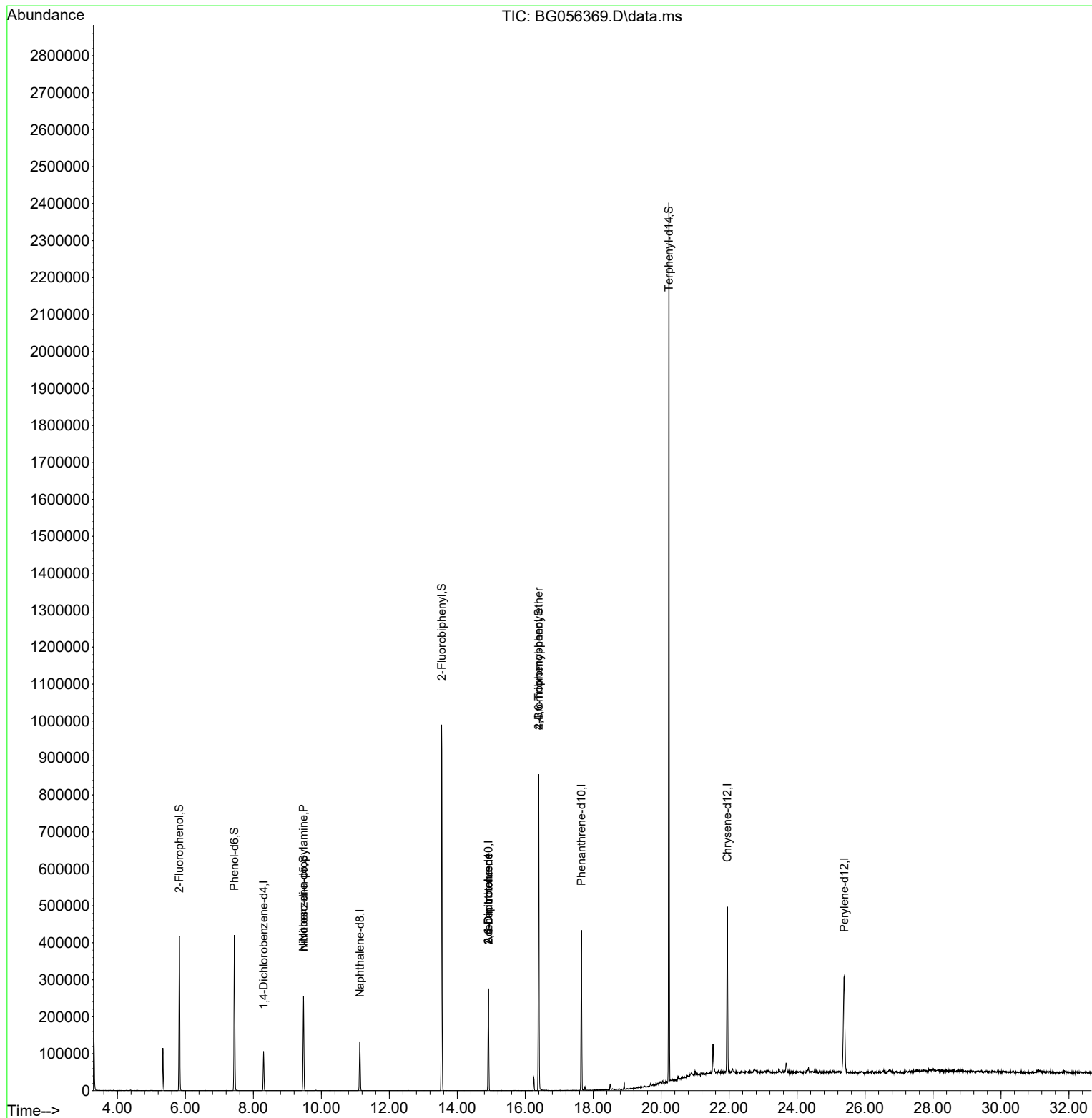
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	35247	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	128065	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	104017	20.000	ng	0.00
64) Phenanthrene-d10	17.653	188	302986	20.000	ng	0.00
76) Chrysene-d12	21.948	240	302134	20.000	ng	# 0.00
86) Perylene-d12	25.385	264	327558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	242012	122.595	ng	0.00
7) Phenol-d6	7.441	99	329721	108.761	ng	0.00
23) Nitrobenzene-d5	9.474	82	176108	70.341	ng	-0.01
42) 2,4,6-Tribromophenol	16.396	330	187959	142.679	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	568190	75.431	ng	0.00
79) Terphenyl-d14	20.226	244	1338173	79.327	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.474	70	21668	11.754	ng	# 75
51) 2,6-Dinitrotoluene	14.915	165	13324	7.447	ng	# 31
57) 2,4-Dinitrotoluene	14.915	165	13324	5.325	ng	# 28
67) 4-Bromophenyl-phenylether	16.396	248	14441	3.743	ng	# 1

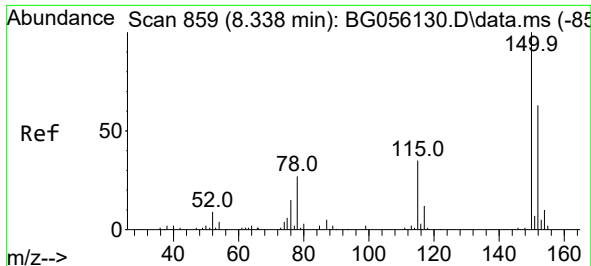
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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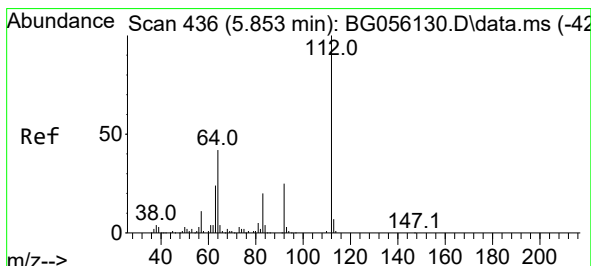
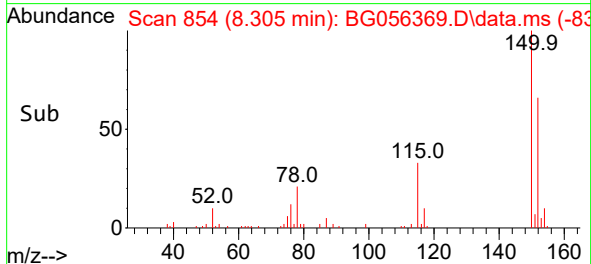
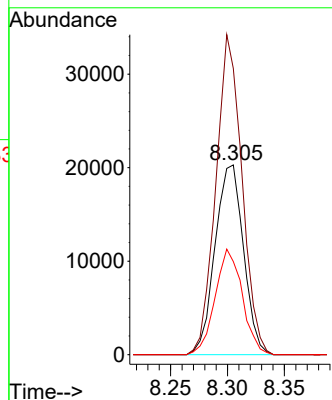
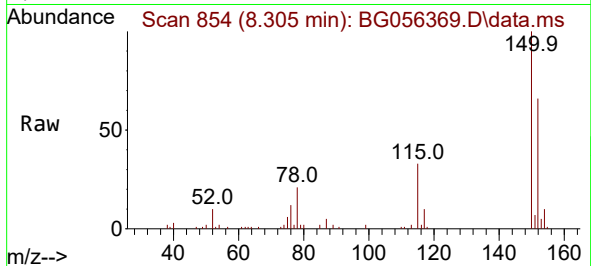




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

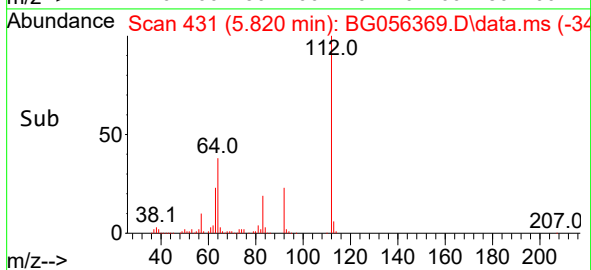
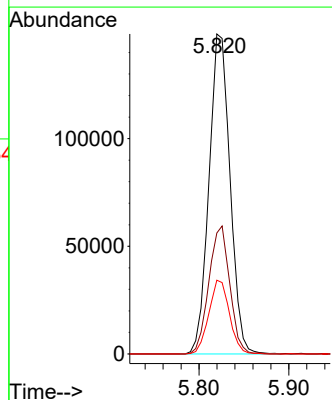
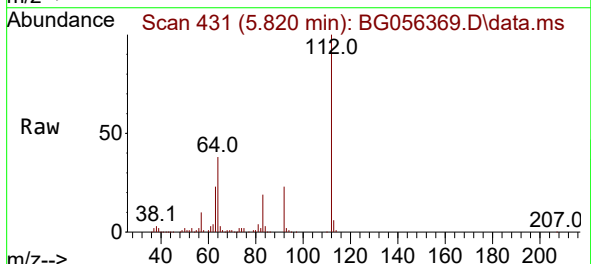
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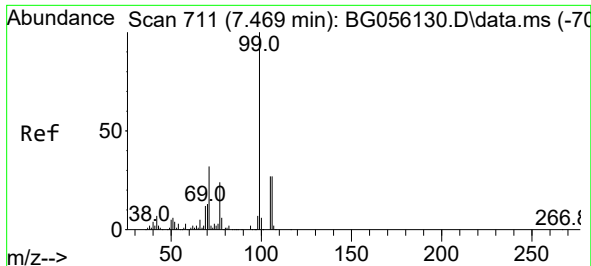
Tgt Ion:152 Resp: 35247
Ion Ratio Lower Upper
152 100
150 150.8 127.9 191.9
115 49.1 44.2 66.2



#5
2-Fluorophenol
Concen: 122.595 ng
RT: 5.820 min Scan# 431
Delta R.T. -0.007 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

Tgt Ion:112 Resp: 242012
Ion Ratio Lower Upper
112 100
64 37.8 33.3 49.9
63 23.1 19.0 28.4

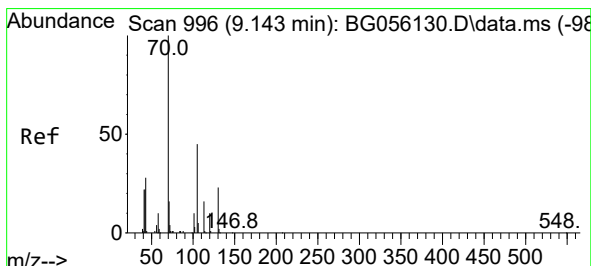
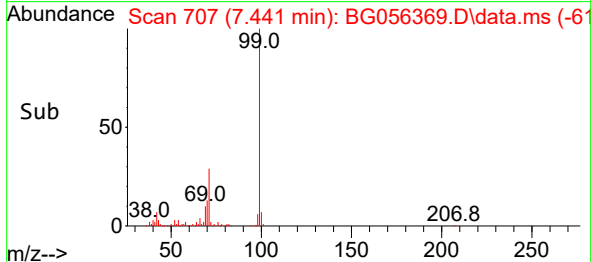
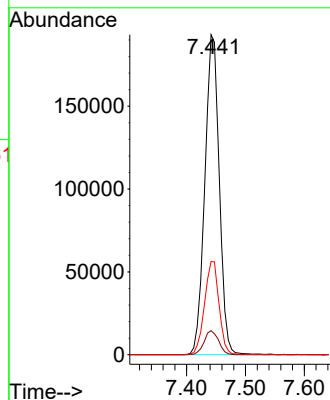
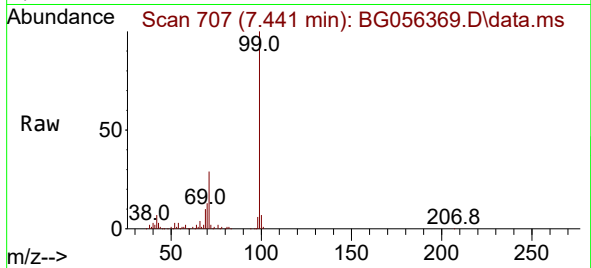




#7
Phenol-d6
Concen: 108.761 ng
RT: 7.441 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

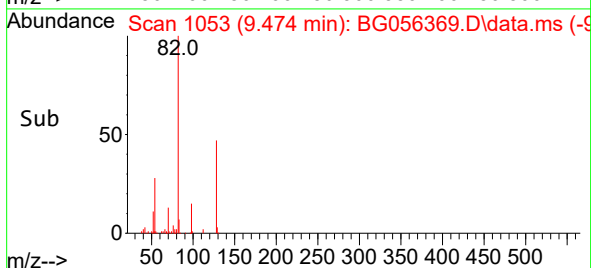
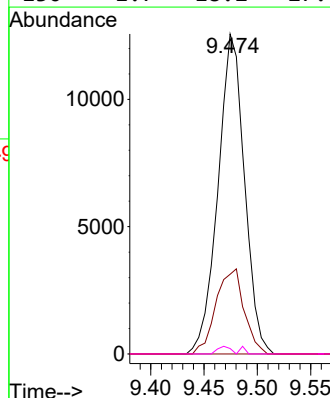
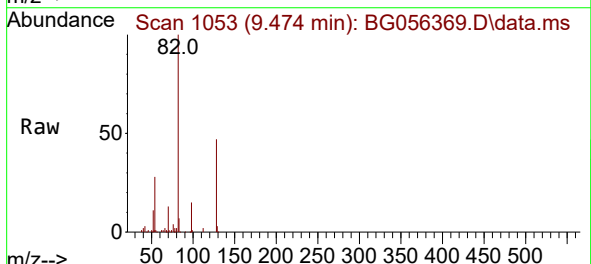
Instrument :
BNA_G
ClientSampleId :
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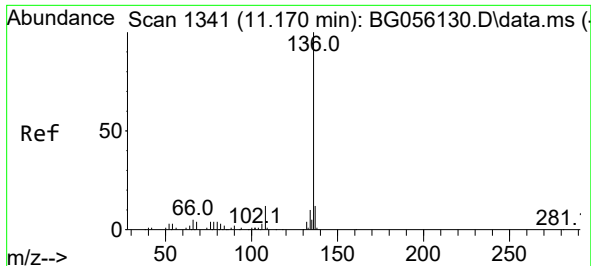
Tgt Ion: 99 Resp: 329721
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 29.1 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.754 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

Tgt Ion: 70 Resp: 21668
Ion Ratio Lower Upper
70 100
42 24.9 18.2 27.2
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

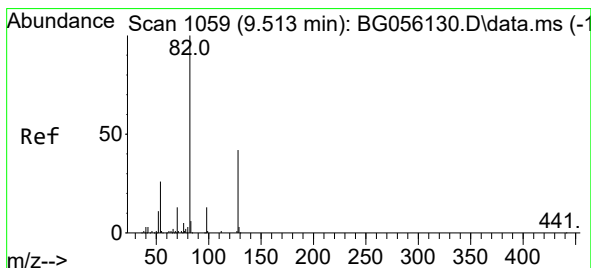
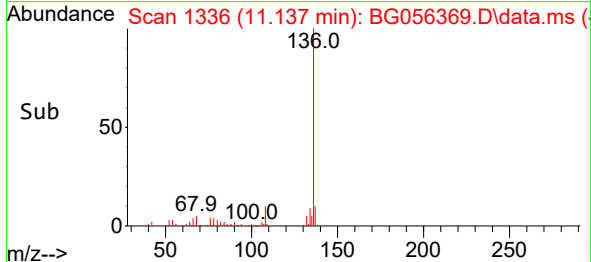
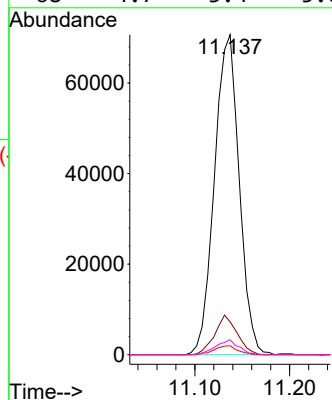
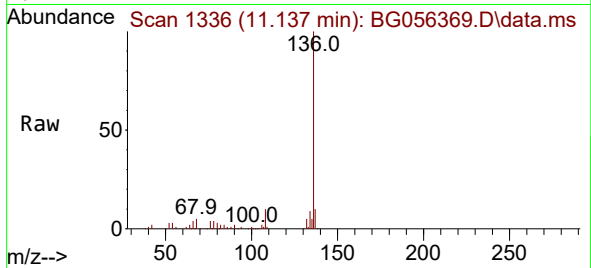




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

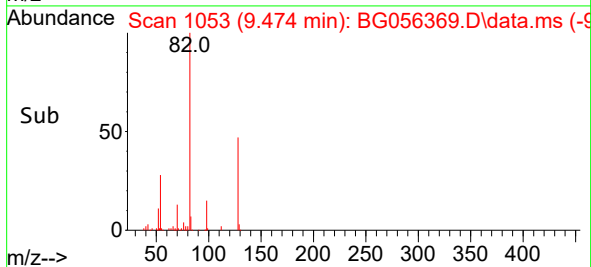
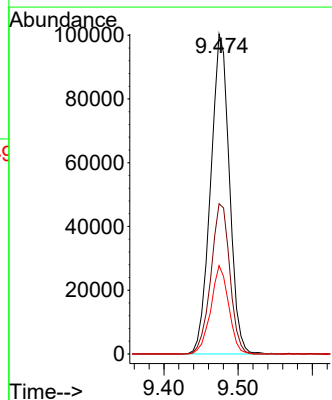
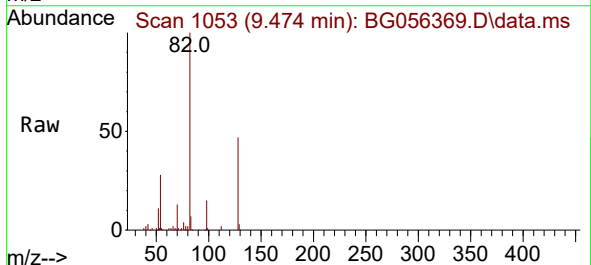
Instrument :
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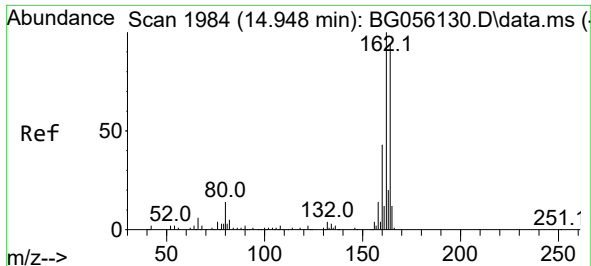
Tgt Ion:136 Resp: 128065
Ion Ratio Lower Upper
136 100
137 10.2 9.4 14.0
54 2.8 2.2 3.2
68 4.7 3.4 5.0



#23
Nitrobenzene-d5
Concen: 70.341 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.013 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

Tgt Ion: 82 Resp: 176108
Ion Ratio Lower Upper
82 100
128 47.0 33.4 50.2
54 27.6 20.3 30.5

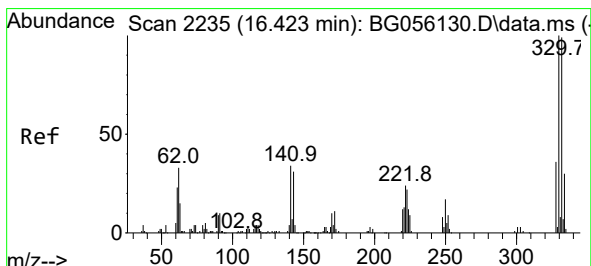
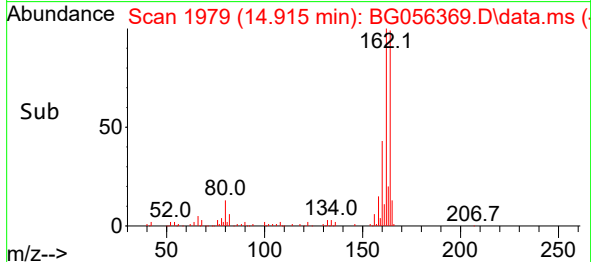
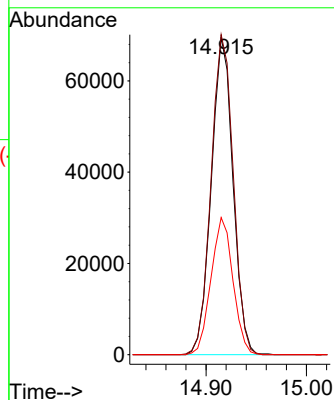
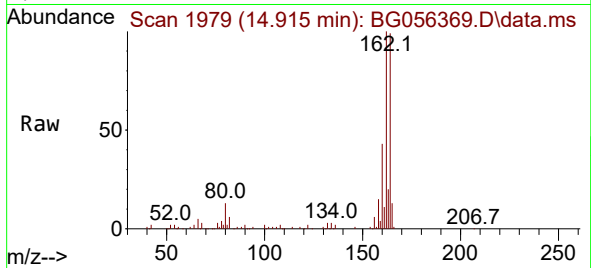




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.915 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

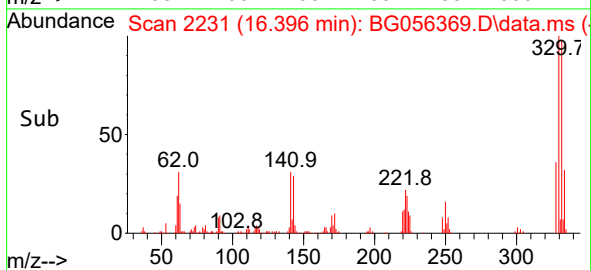
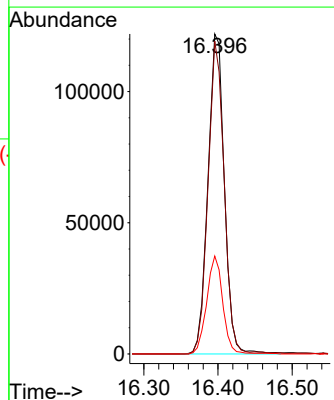
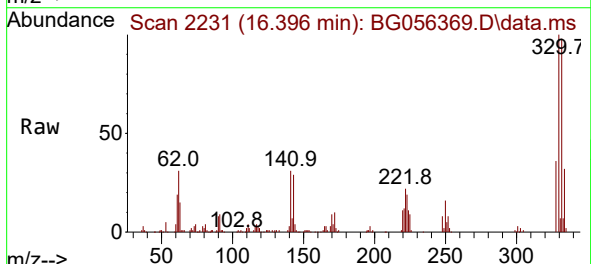
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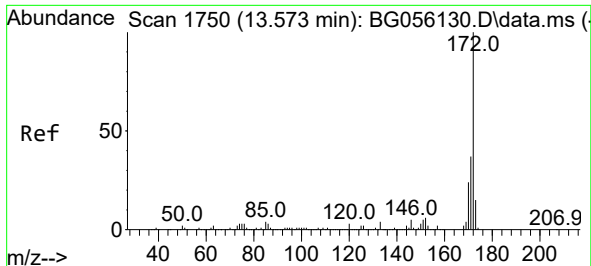
Tgt Ion:164 Resp: 104017
Ion Ratio Lower Upper
164 100
162 100.8 84.7 127.1
160 43.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 142.679 ng
RT: 16.396 min Scan# 2231
Delta R.T. -0.007 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

Tgt Ion:330 Resp: 187959
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.0 27.9 41.9

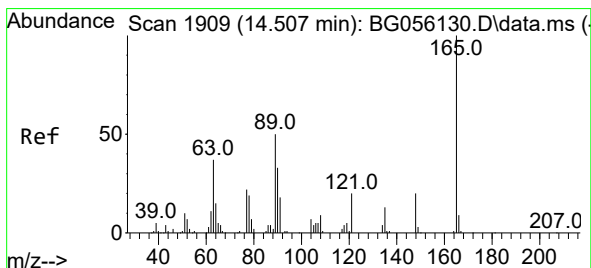
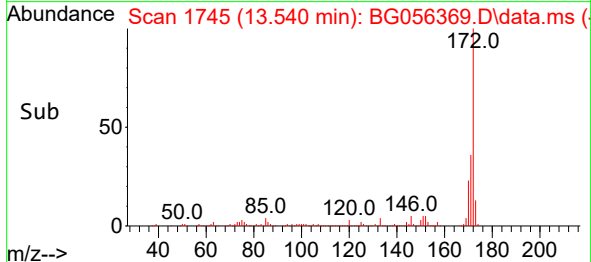
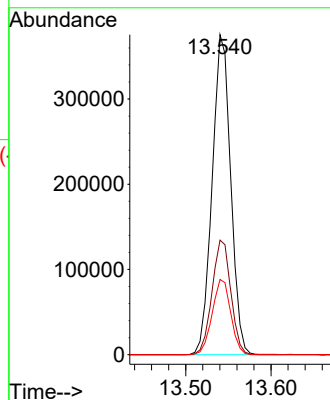
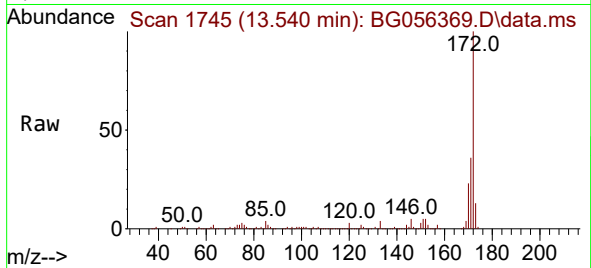




#45
2-Fluorobiphenyl
Concen: 75.431 ng
RT: 13.540 min Scan# 1750
Delta R.T. -0.007 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

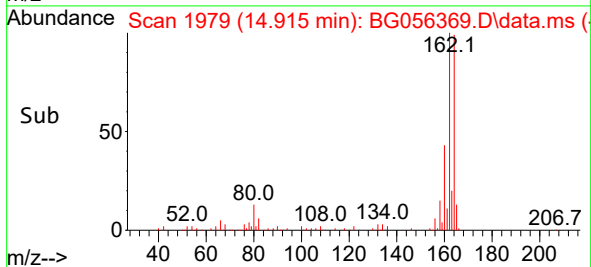
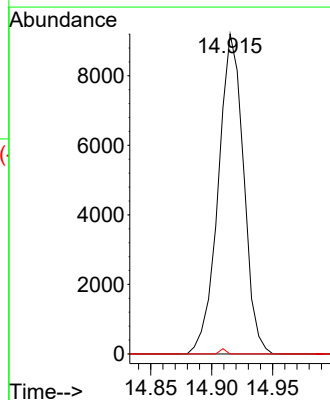
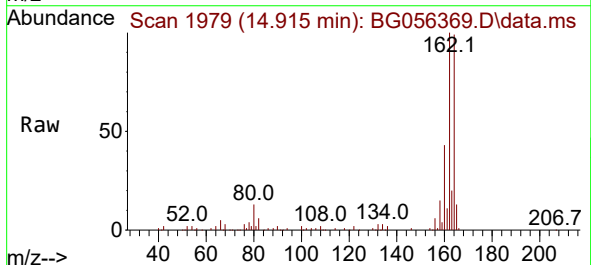
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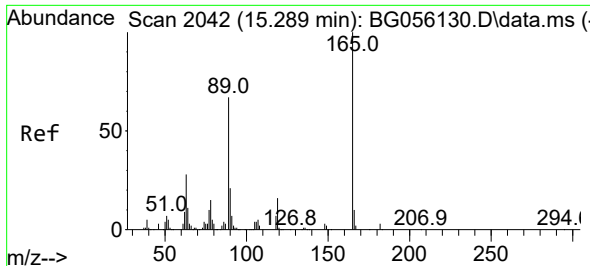
Tgt Ion:172 Resp: 568190
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.5 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.447 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.428 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

Tgt Ion:165 Resp: 13324
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

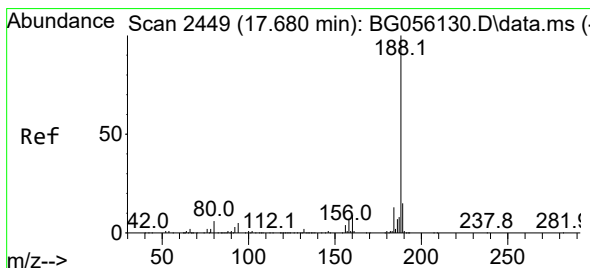
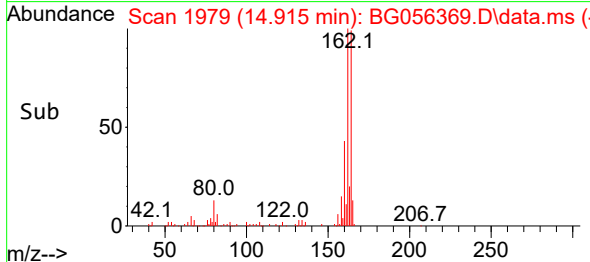
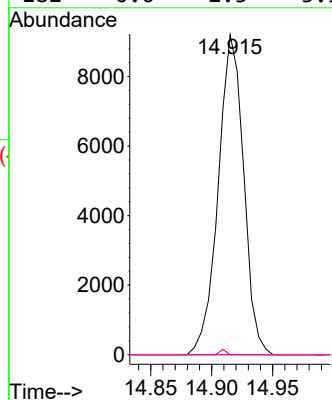
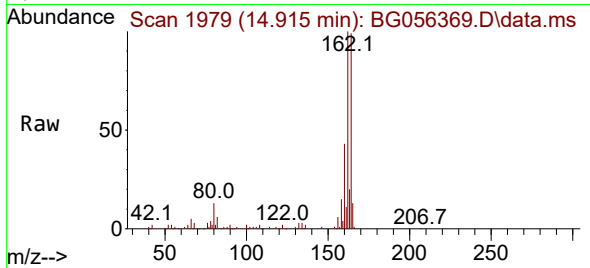




#57
2,4-Dinitrotoluene
Concen: 5.325 ng
RT: 14.915 min Scan# 14
Delta R.T. -0.359 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

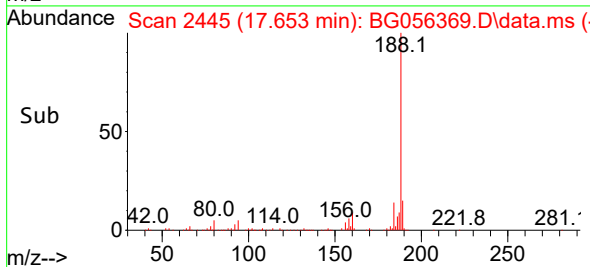
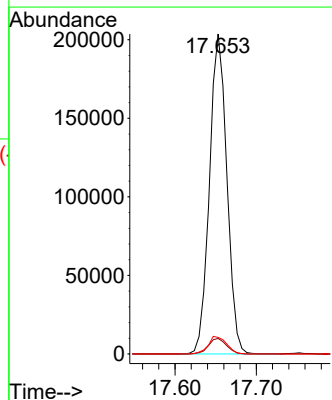
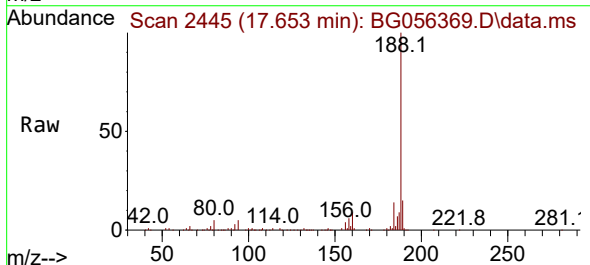
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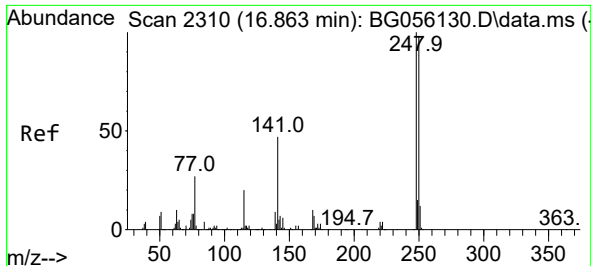
Tgt Ion:165 Resp: 13324
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.653 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

Tgt Ion:188 Resp: 302986
Ion Ratio Lower Upper
188 100
94 4.9 4.2 6.2
80 5.1 5.0 7.4

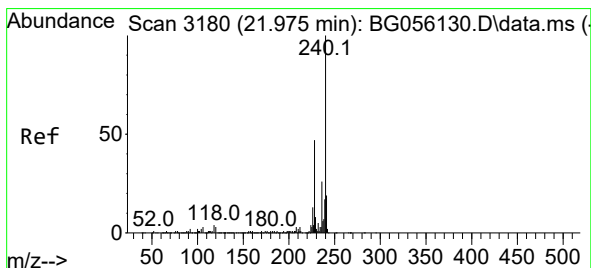
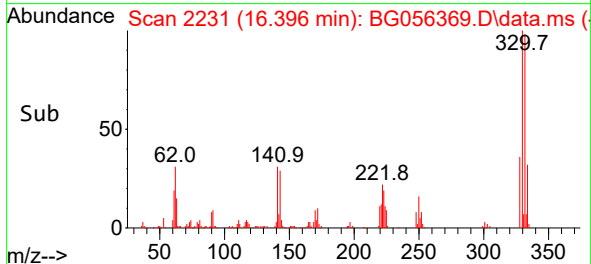
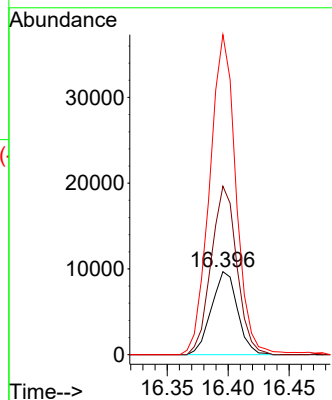
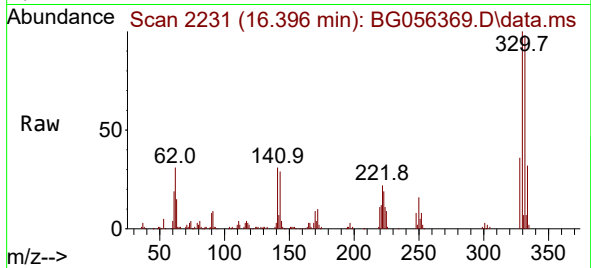




#67
4-Bromophenyl-phenylether
Concen: 3.743 ng
RT: 16.396 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

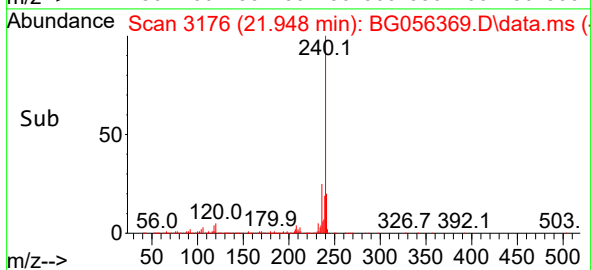
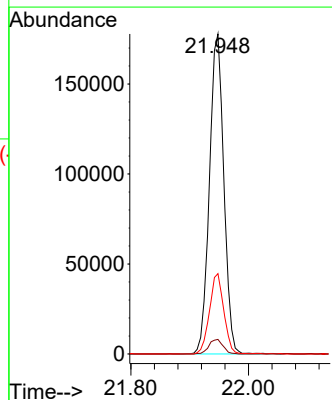
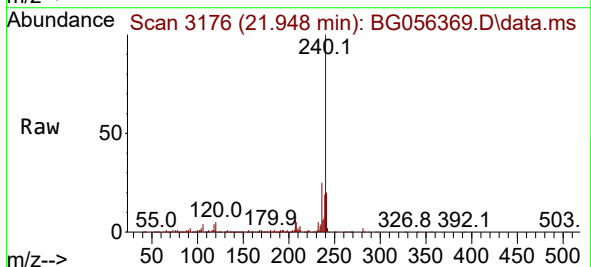
Instrument :
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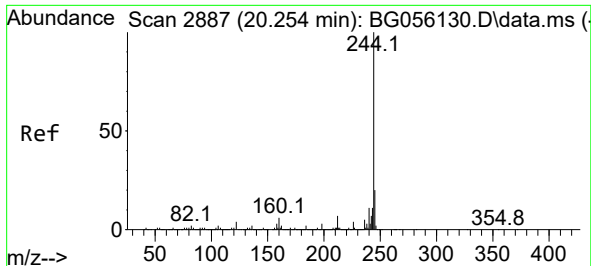
Tgt Ion:248 Resp: 14441
Ion Ratio Lower Upper
248 100
250 202.8 78.2 117.4#
141 385.0 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG056369.D
Acq: 20 Jan 2023 16:01

Tgt Ion:240 Resp: 302134
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.1 20.8 31.2

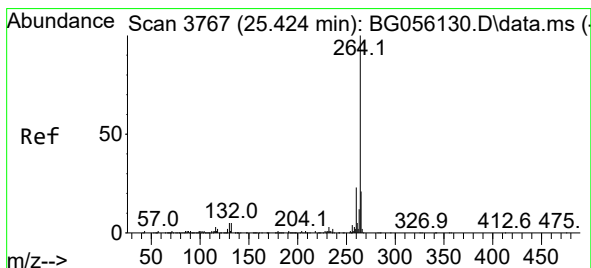
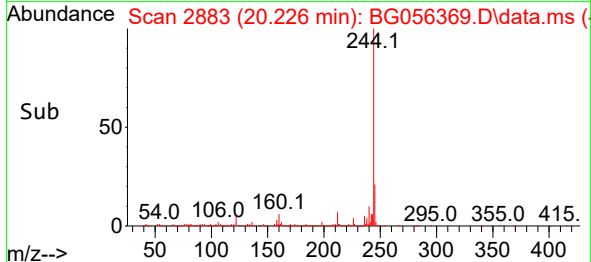
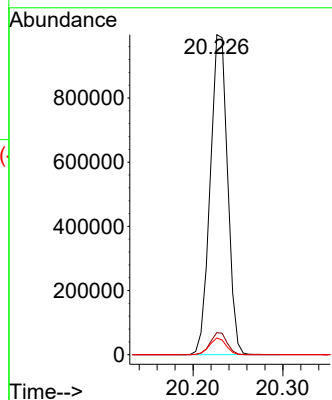
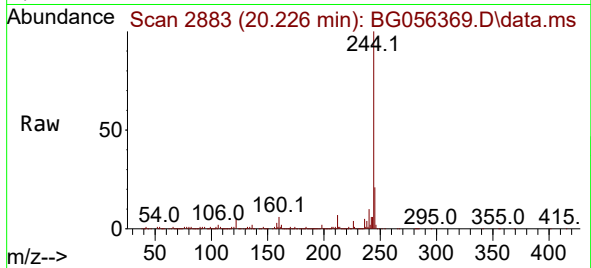




#79
 Terphenyl-d14
 Concen: 79.327 ng
 RT: 20.226 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG056369.D
 Acq: 20 Jan 2023 16:01

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1338173
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 3761
 Delta R.T. -0.007 min
 Lab File: BG056369.D
 Acq: 20 Jan 2023 16:01

Tgt Ion:264 Resp: 327558
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 22.0 16.7 25.1

