

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056331.D
 Acq On : 18 Jan 2023 16:40
 Operator : CG/JU
 Sample : PB150253TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150253TB

Quant Time: Jan 19 05:47:19 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)

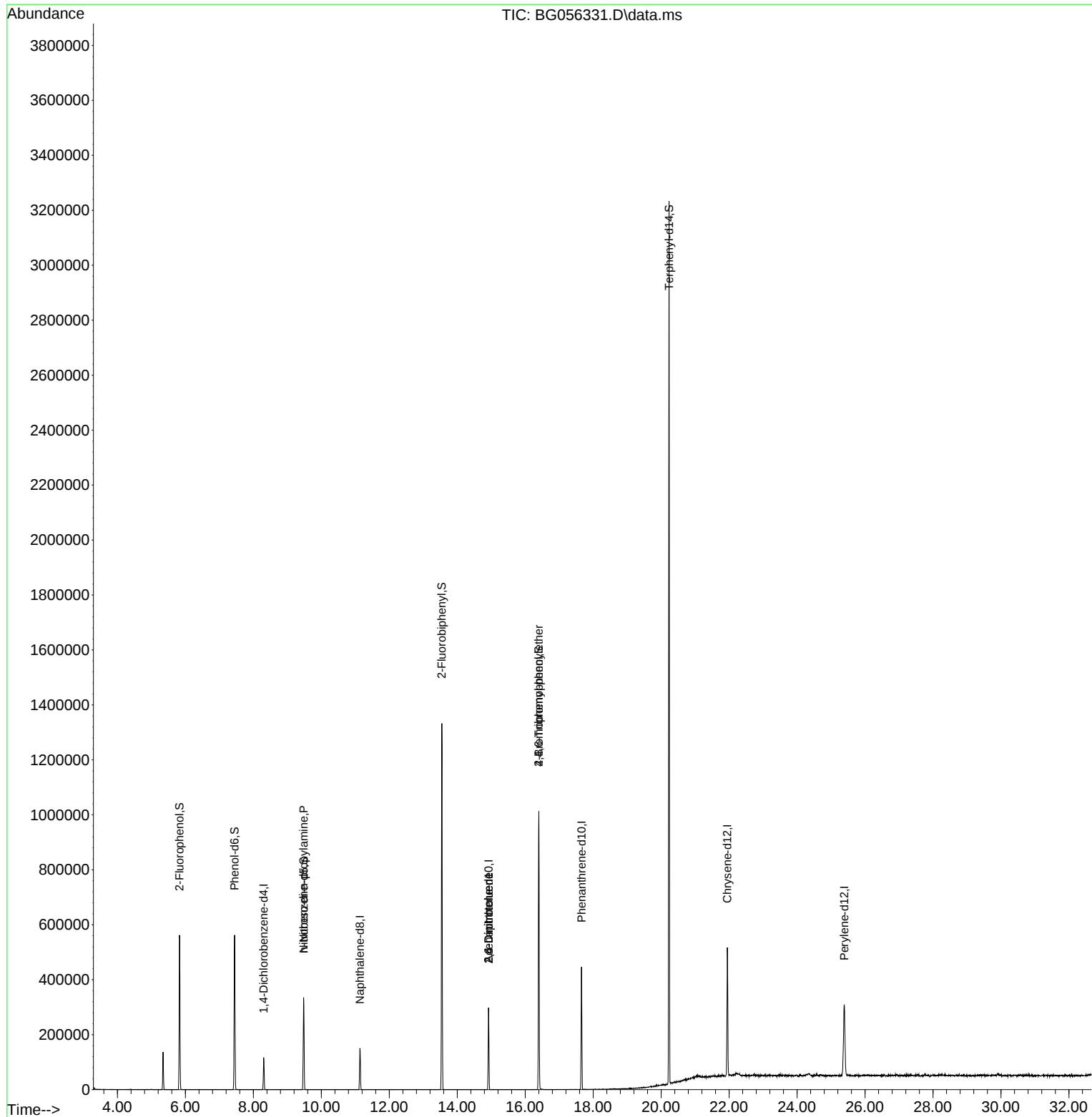
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	35935	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	139101	20.000	ng	# 0.00
39) Acenaphthene-d10	14.921	164	114291	20.000	ng	0.00
64) Phenanthrene-d10	17.659	188	318668	20.000	ng	0.00
76) Chrysene-d12	21.948	240	307615	20.000	ng	0.00
86) Perylene-d12	25.385	264	327874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	319500	158.749	ng	0.00
7) Phenol-d6	7.447	99	432882	140.055	ng	0.00
23) Nitrobenzene-d5	9.480	82	236045	86.801	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	216449	149.535	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	763830	92.288	ng	0.00
79) Terphenyl-d14	20.232	244	1715508	99.883	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.480	70	29075	15.470	ng	# 76
51) 2,6-Dinitrotoluene	14.921	165	14918	7.588	ng	# 32
57) 2,4-Dinitrotoluene	14.921	165	14918	5.426	ng	# 29
67) 4-Bromophenyl-phenylether	16.401	248	17036	4.198	ng	# 1

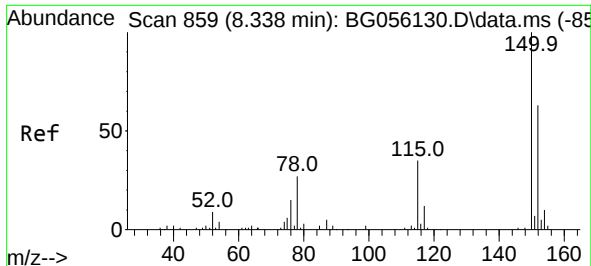
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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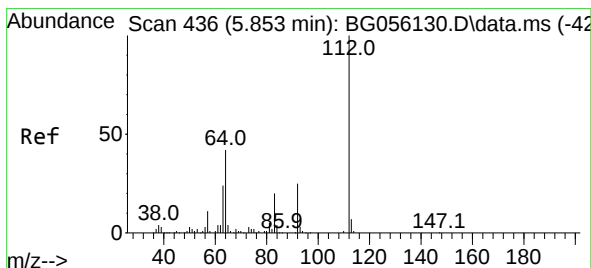
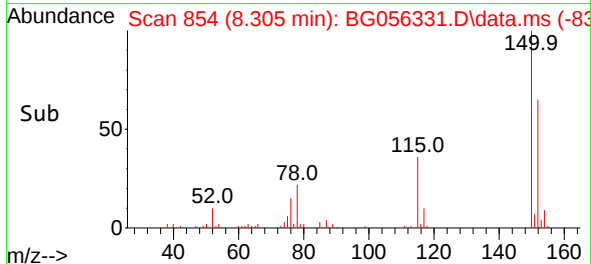
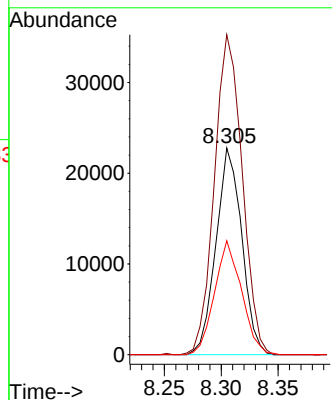
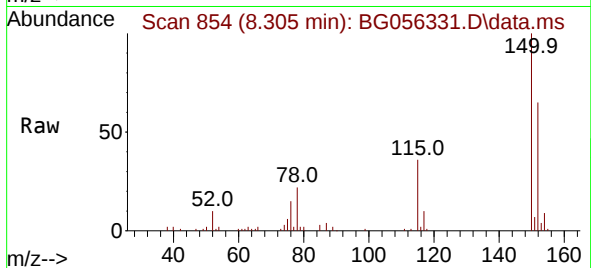




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

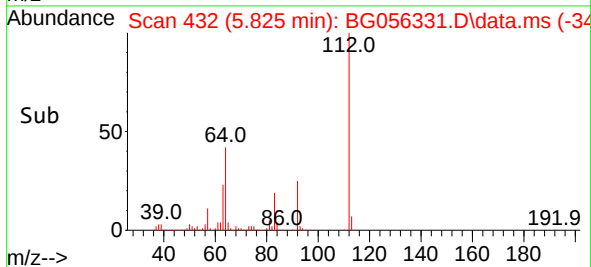
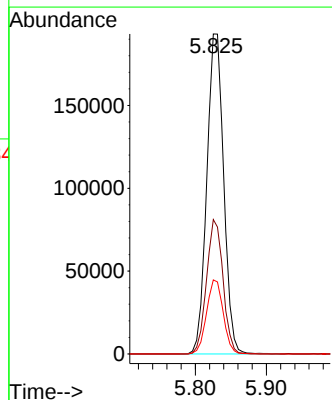
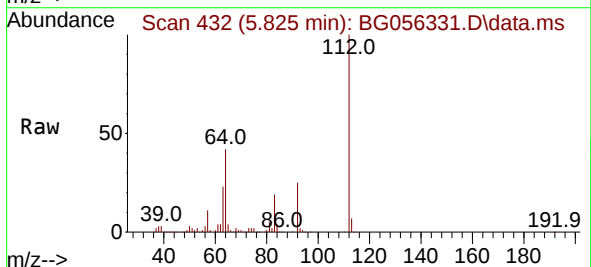
Instrument :
BNA_G
ClientSampleId :
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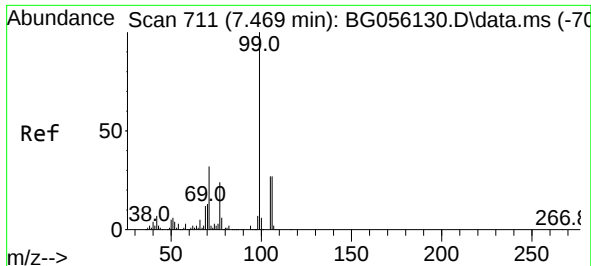
Tgt Ion:152 Resp: 35935
Ion Ratio Lower Upper
152 100
150 154.8 127.9 191.9
115 55.1 44.2 66.2



#5
2-Fluorophenol
Concen: 158.749 ng
RT: 5.825 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

Tgt Ion:112 Resp: 319500
Ion Ratio Lower Upper
112 100
64 42.0 33.3 49.9
63 23.2 19.0 28.4

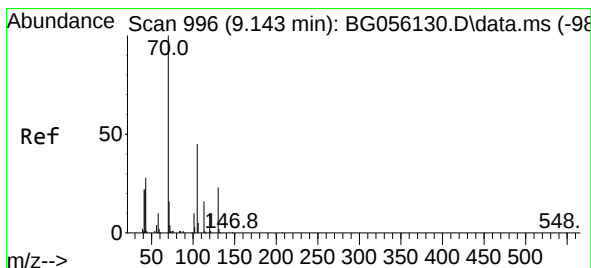
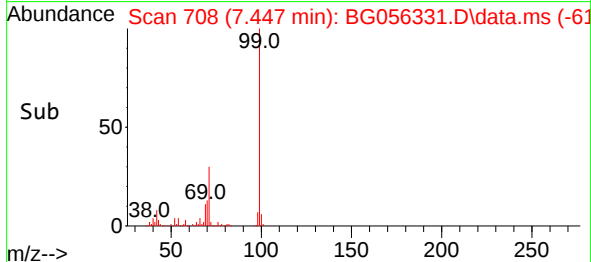
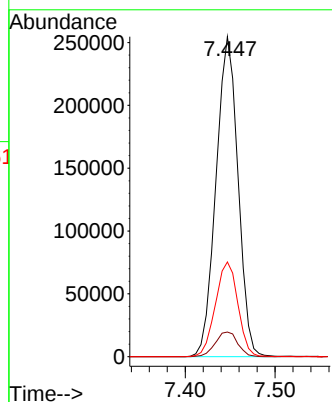
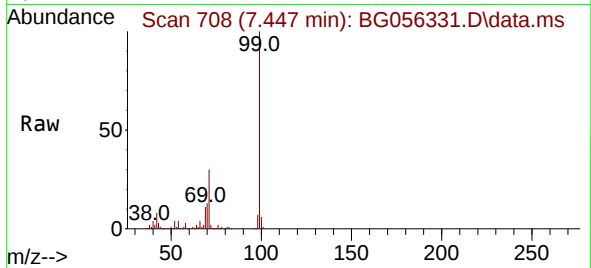




#7
Phenol-d6
Concen: 140.055 ng
RT: 7.447 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

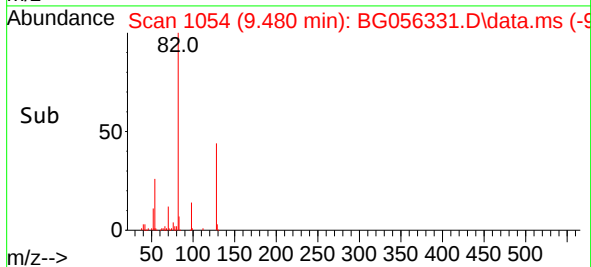
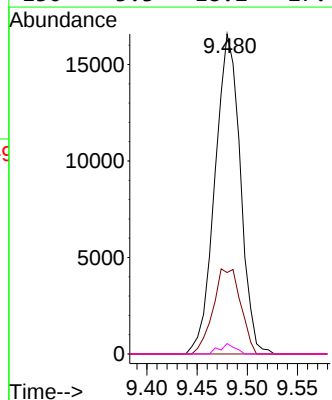
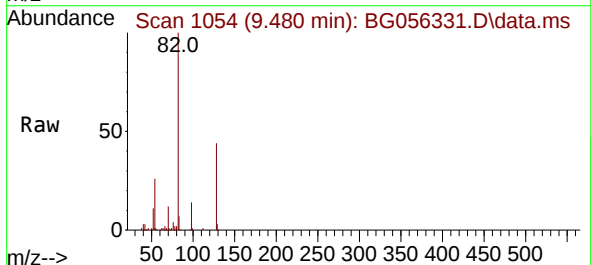
Instrument :
BNA_G
ClientSampleId :
PB150253TB

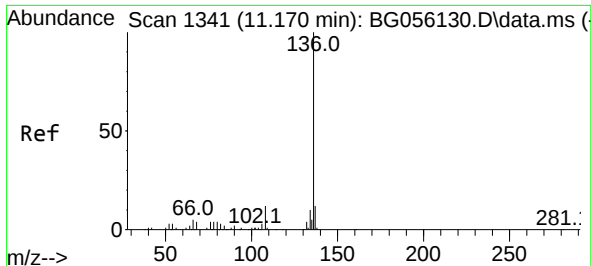
Tgt Ion: 99 Resp: 432882
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 29.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.470 ng
RT: 9.480 min Scan# 1054
Delta R.T. 0.369 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

Tgt Ion: 70 Resp: 29075
Ion Ratio Lower Upper
70 100
42 25.5 18.2 27.2
101 0.0 8.3 12.5#
130 3.3 18.2 27.4#

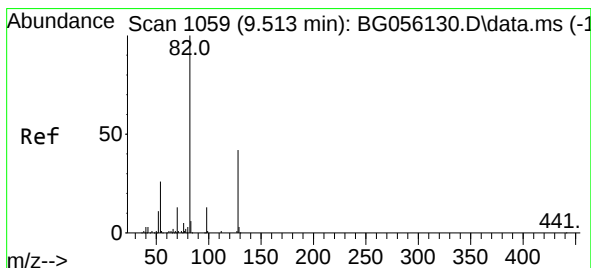
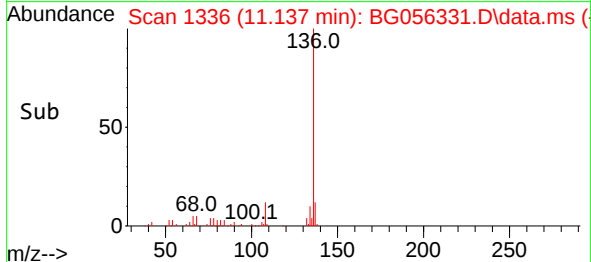
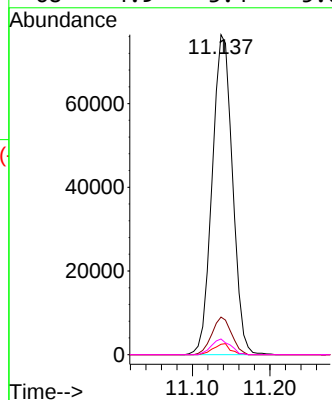
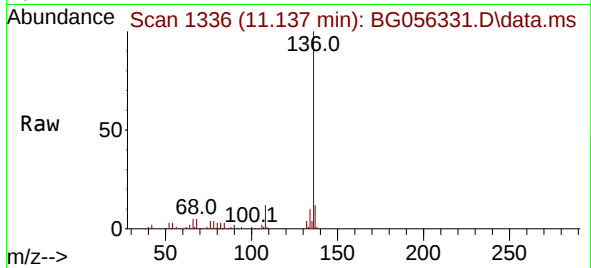




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

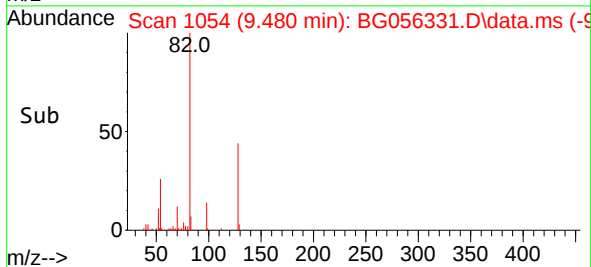
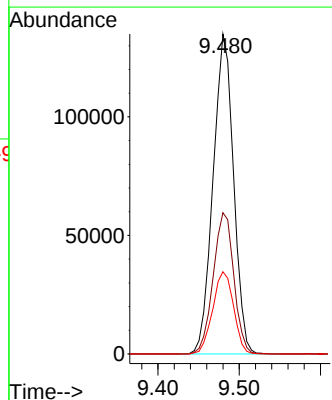
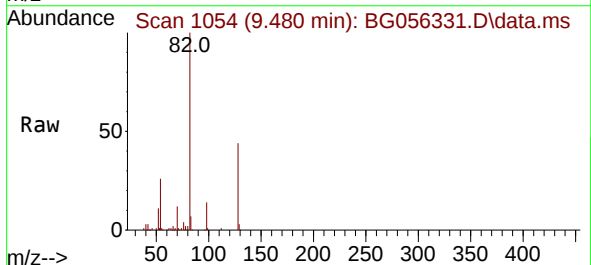
Instrument :
BNA_G
ClientSampleId :
PB150253TB

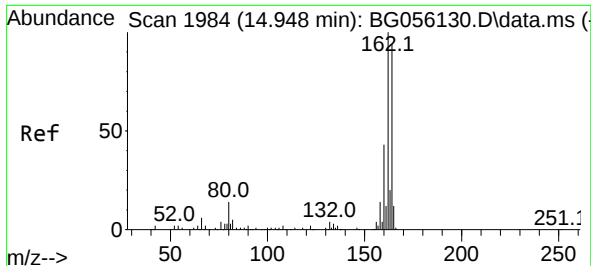
Tgt Ion:136 Resp: 139101
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 3.2 2.2 3.2#
68 4.9 3.4 5.0



#23
Nitrobenzene-d5
Concen: 86.801 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

Tgt Ion: 82 Resp: 236045
Ion Ratio Lower Upper
82 100
128 44.2 33.4 50.2
54 25.7 20.3 30.5

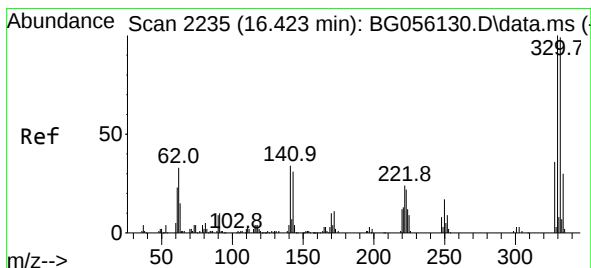
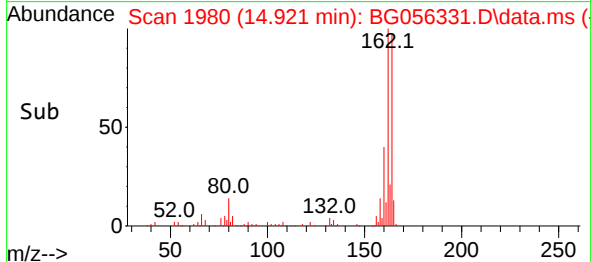
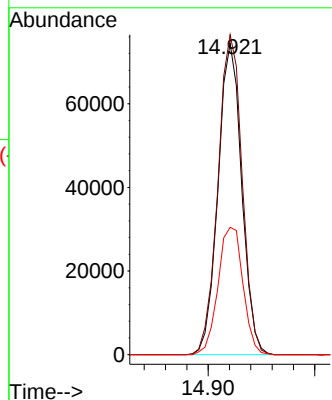
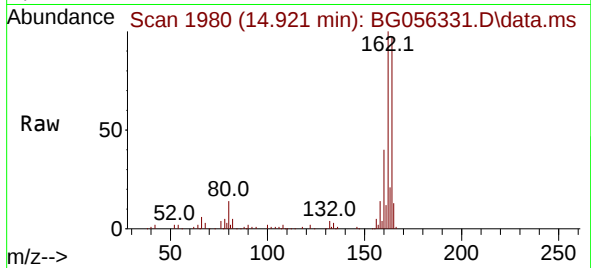




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

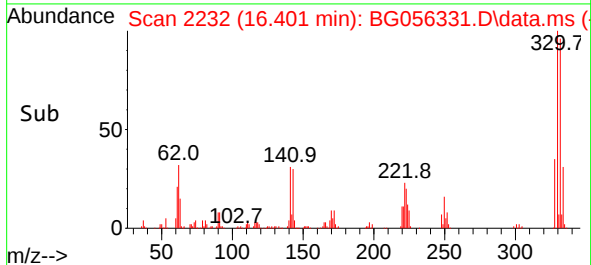
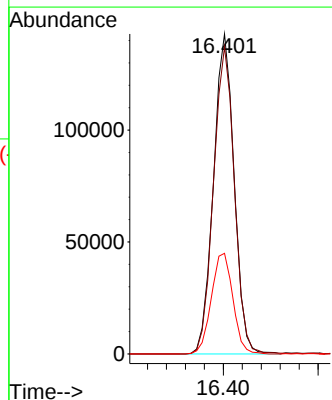
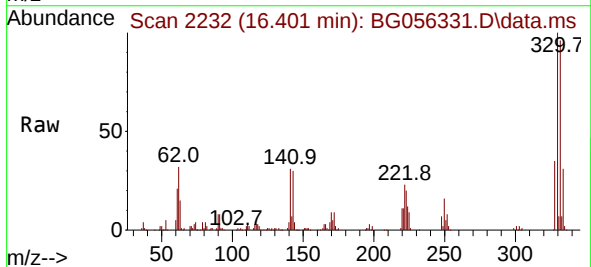
Instrument :
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ClientSampleId :
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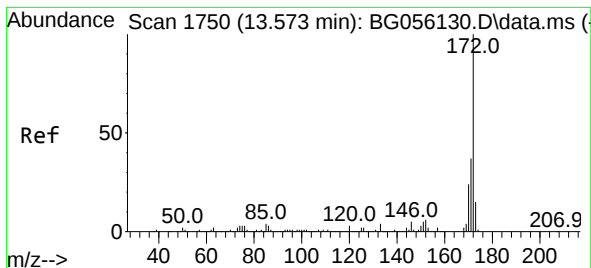
Tgt Ion:164 Resp: 114291
Ion Ratio Lower Upper
164 100
162 102.8 84.7 127.1
160 40.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 149.535 ng
RT: 16.401 min Scan# 2232
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

Tgt Ion:330 Resp: 216449
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 32.8 27.9 41.9

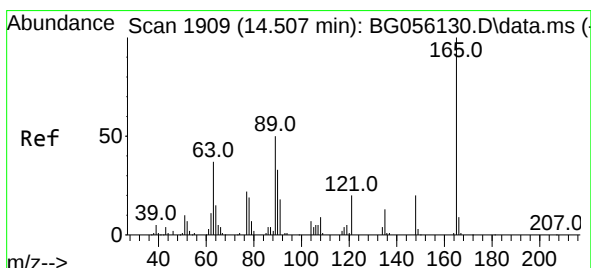
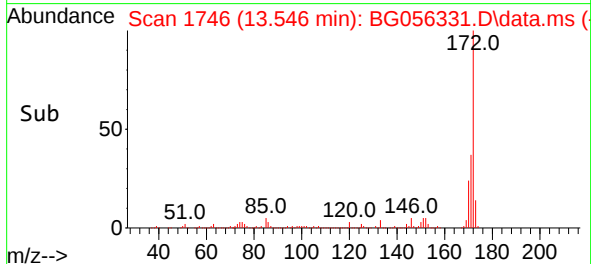
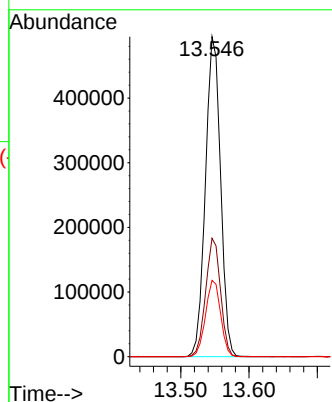
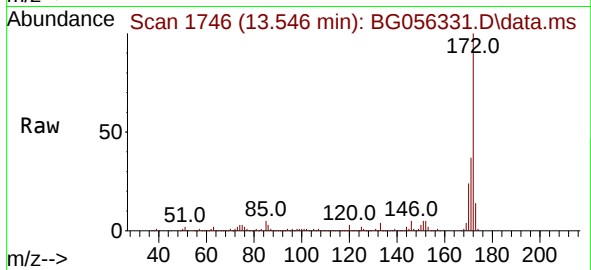




#45
2-Fluorobiphenyl
Concen: 92.288 ng
RT: 13.546 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

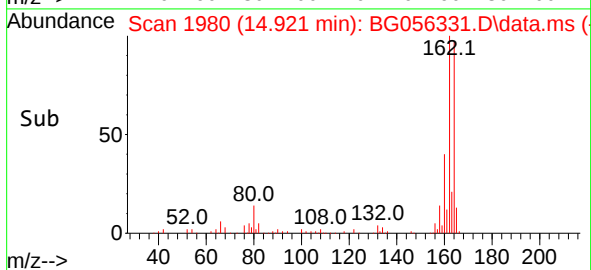
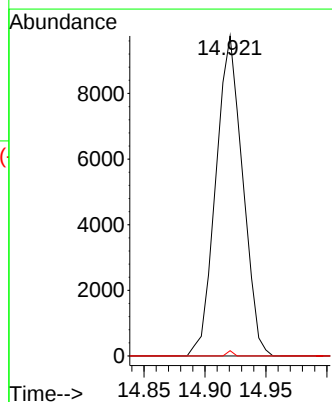
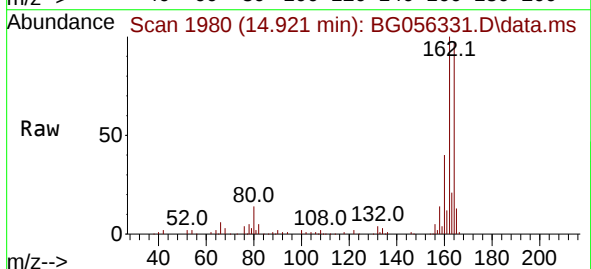
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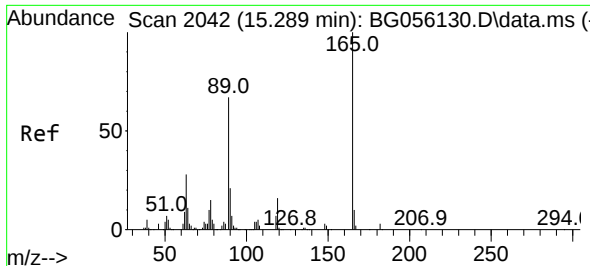
Tgt Ion:172 Resp: 763830
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.8 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.588 ng
RT: 14.921 min Scan# 1980
Delta R.T. 0.434 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

Tgt Ion:165 Resp: 14918
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.7 39.8 59.8#

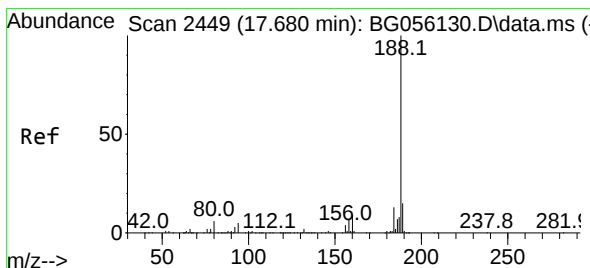
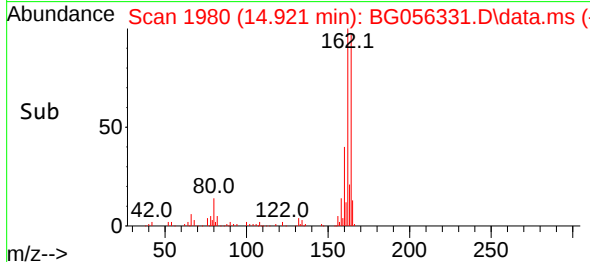
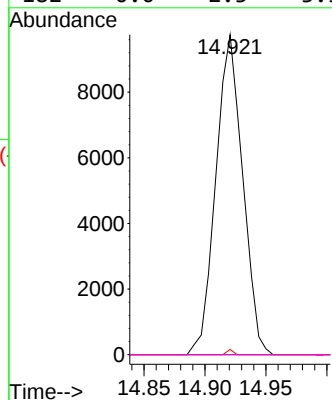
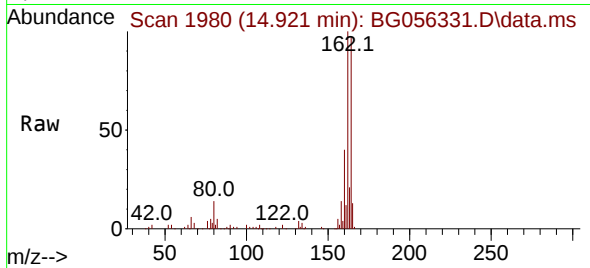




#57
2,4-Dinitrotoluene
Concen: 5.426 ng
RT: 14.921 min Scan# 14918
Delta R.T. -0.354 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

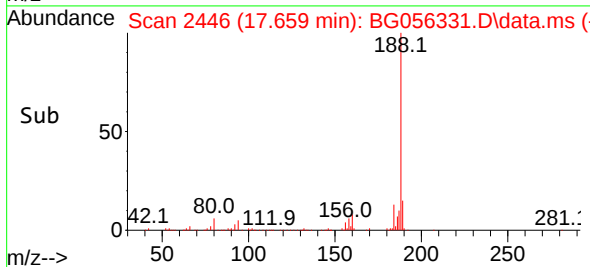
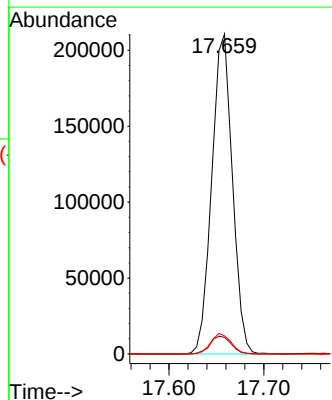
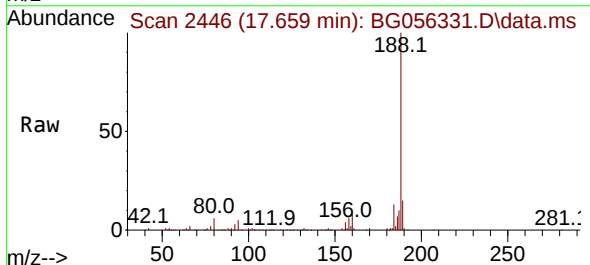
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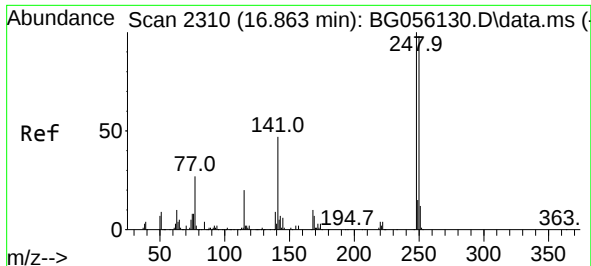
Tgt Ion:165 Resp: 14918
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.7 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

Tgt Ion:188 Resp: 318668
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 5.6 5.0 7.4

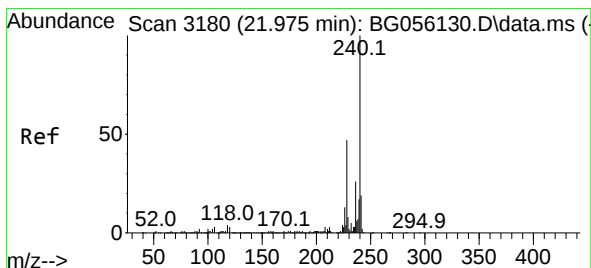
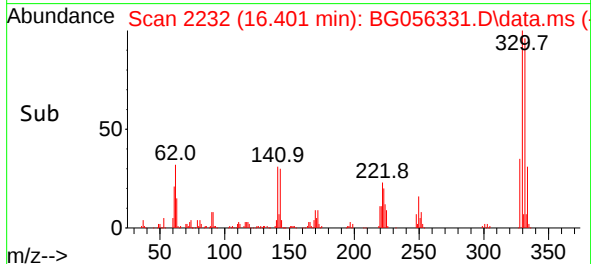
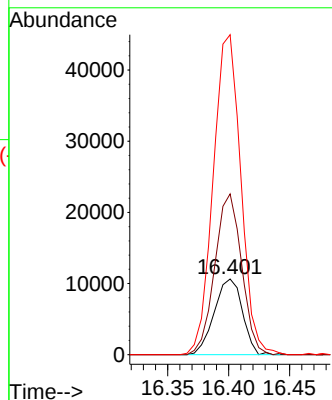
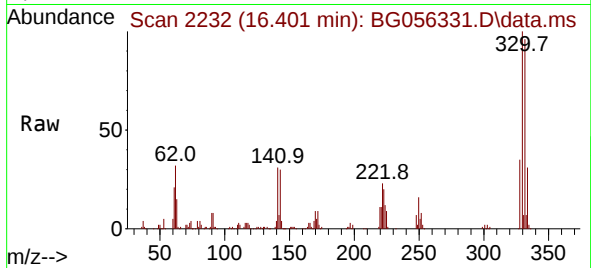




#67
4-Bromophenyl-phenylether
Concen: 4.198 ng
RT: 16.401 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

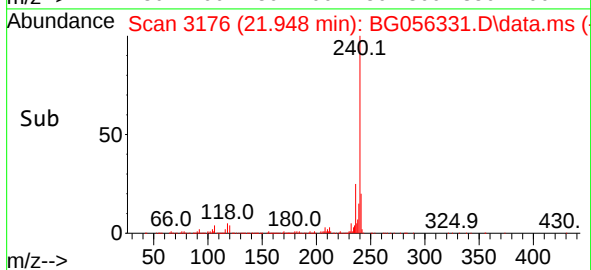
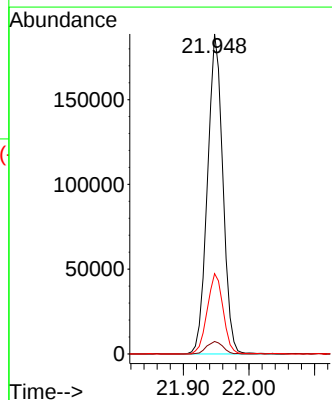
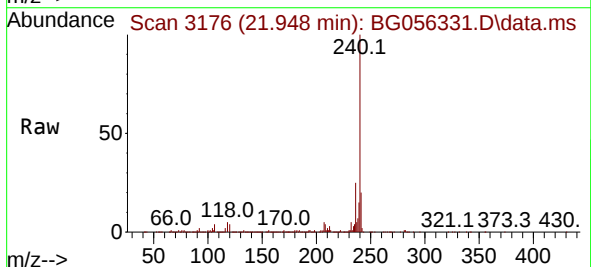
Instrument :
BNA_G
ClientSampleId :
PB150253TB

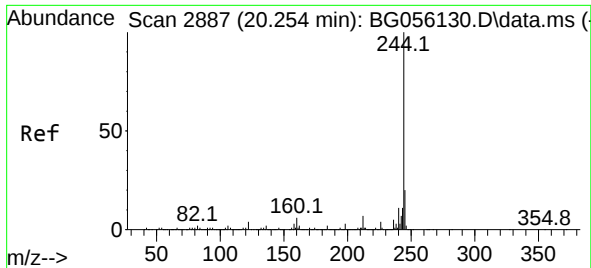
Tgt Ion:248 Resp: 17036
Ion Ratio Lower Upper
248 100
250 212.5 78.2 117.4#
141 422.9 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG056331.D
Acq: 18 Jan 2023 16:40

Tgt Ion:240 Resp: 307615
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.1 20.8 31.2

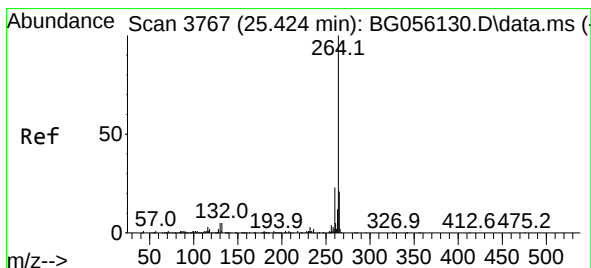
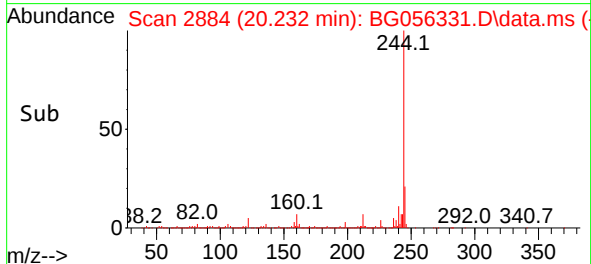
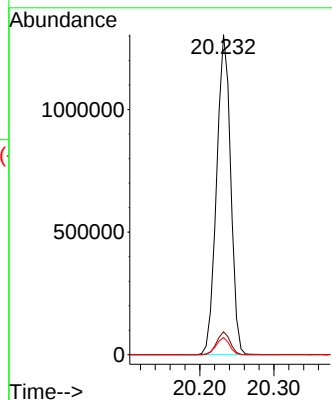
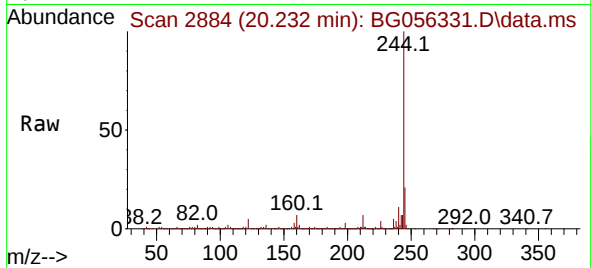




#79
 Terphenyl-d14
 Concen: 99.883 ng
 RT: 20.232 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056331.D
 Acq: 18 Jan 2023 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB150253TB

Tgt Ion:244 Resp: 1715508
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.4 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: BG056331.D
 Acq: 18 Jan 2023 16:40

Tgt Ion:264 Resp: 327874
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.8 16.7 25.1

