

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
 Data File : BG056364.D
 Acq On : 20 Jan 2023 12:25
 Operator : CG/JU
 Sample : PB150307TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150307TB

Quant Time: Jan 22 23:58:52 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

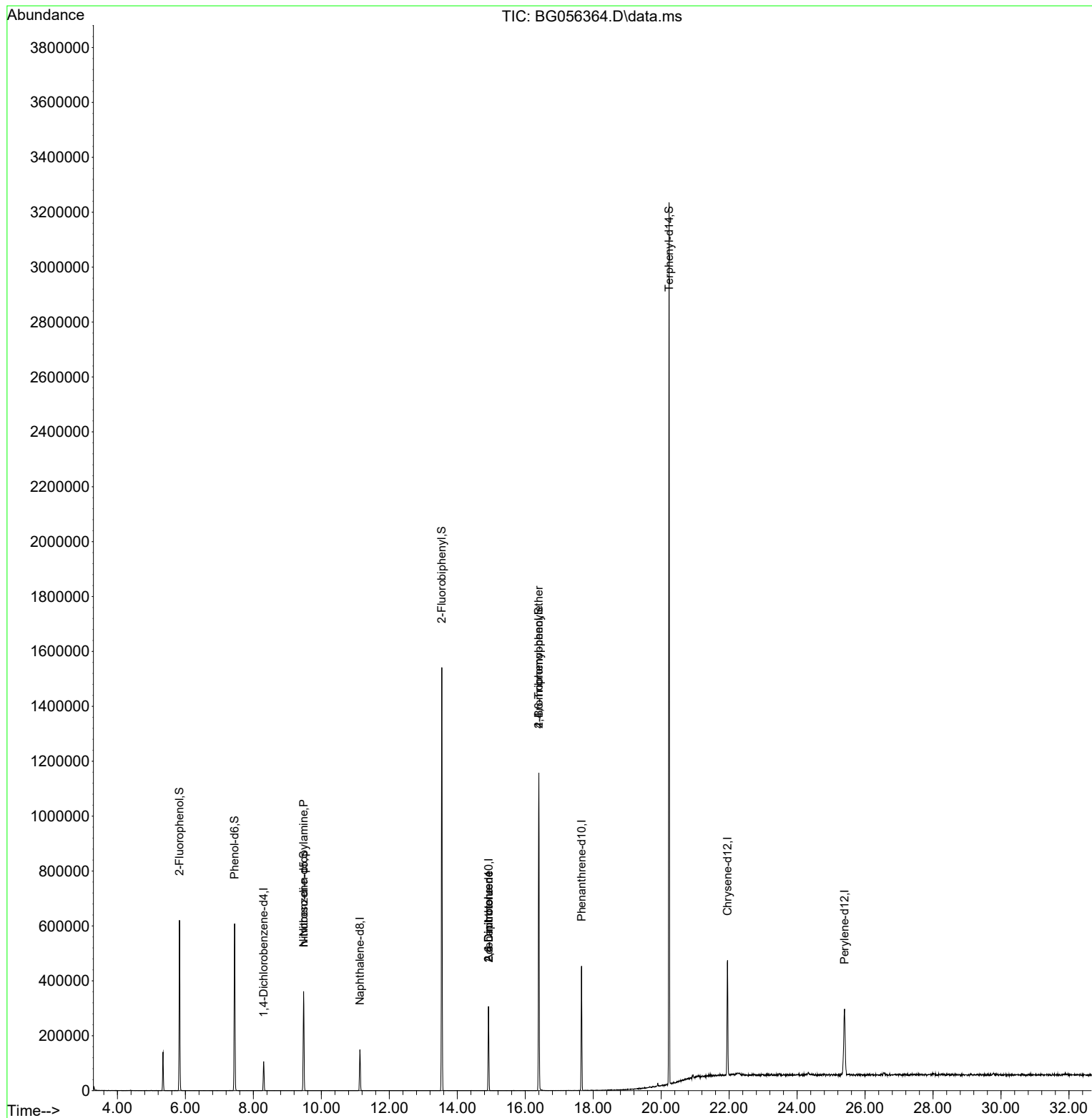
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	37755	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	140145	20.000	ng	0.00
39) Acenaphthene-d10	14.920	164	119870	20.000	ng	0.00
64) Phenanthrene-d10	17.658	188	318396	20.000	ng	0.00
76) Chrysene-d12	21.953	240	288859	20.000	ng	# 0.00
86) Perylene-d12	25.396	264	304950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	342398	161.926	ng	0.00
7) Phenol-d6	7.447	99	477400	147.013	ng	0.00
23) Nitrobenzene-d5	9.480	82	248871	90.836	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	253259	166.823	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	877478	101.085	ng	0.00
79) Terphenyl-d14	20.232	244	1742923	108.069	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.480	70	30219	15.303	ng	# 73
51) 2,6-Dinitrotoluene	14.920	165	16081	7.799	ng	# 33
57) 2,4-Dinitrotoluene	14.920	165	16081	5.577	ng	# 29
67) 4-Bromophenyl-phenylether	16.401	248	19945	4.919	ng	# 1

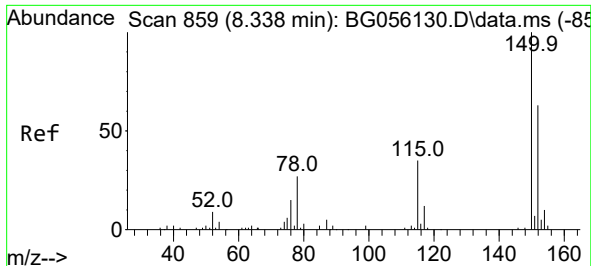
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
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QLast Update : Thu Jan 19 00:31:30 2023
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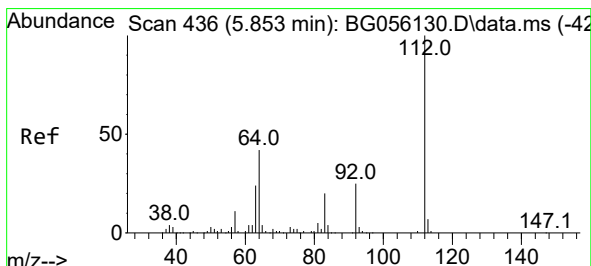
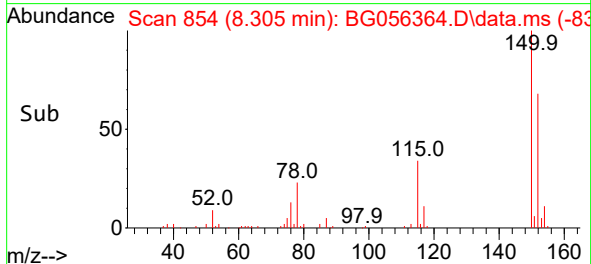
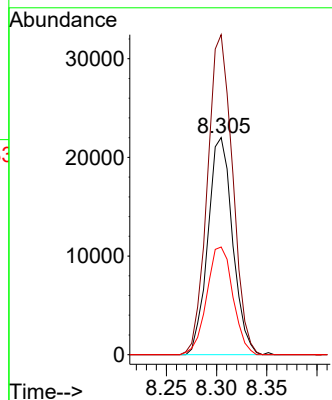
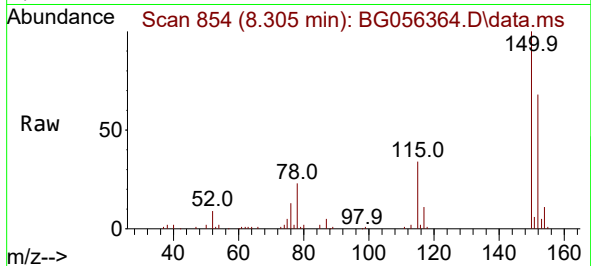




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

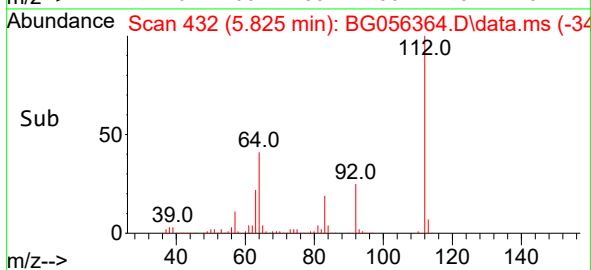
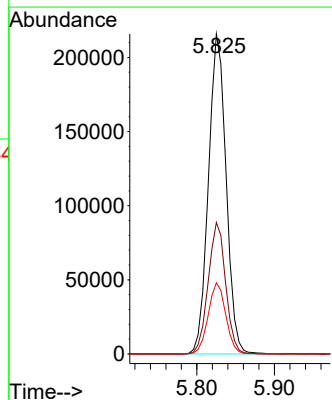
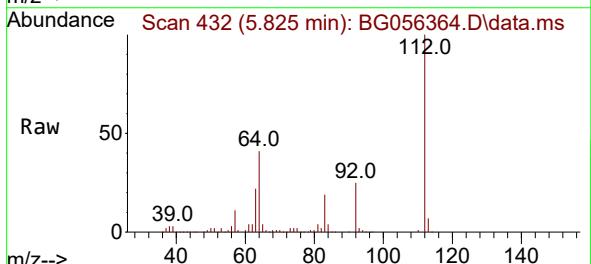
Instrument :
BNA_G
ClientSampleId :
PB150307TB

Tgt Ion:152 Resp: 37755
Ion Ratio Lower Upper
152 100
150 147.3 127.9 191.9
115 49.6 44.2 66.2



#5
2-Fluorophenol
Concen: 161.926 ng
RT: 5.825 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

Tgt Ion:112 Resp: 342398
Ion Ratio Lower Upper
112 100
64 41.1 33.3 49.9
63 22.3 19.0 28.4

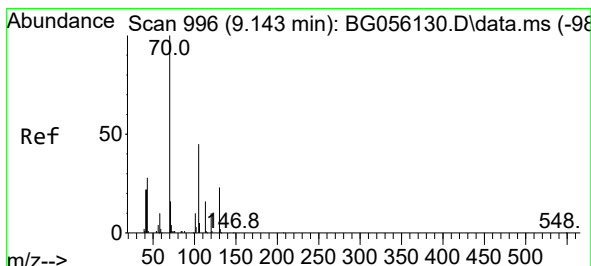
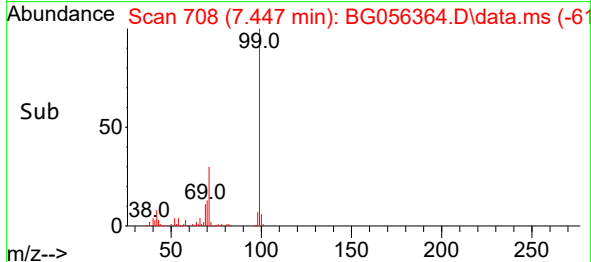
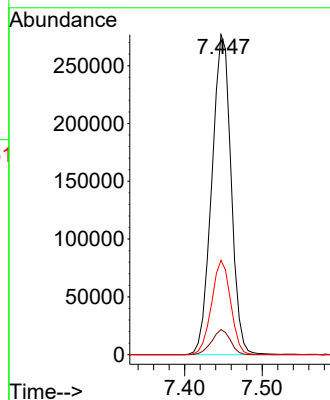
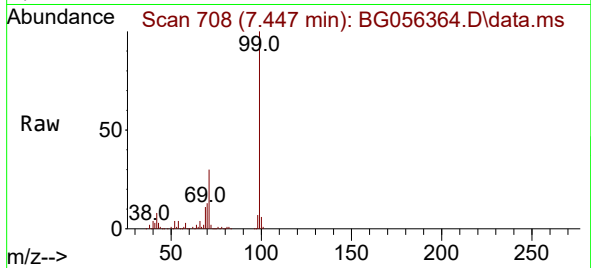




#7
Phenol-d6
Concen: 147.013 ng
RT: 7.447 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

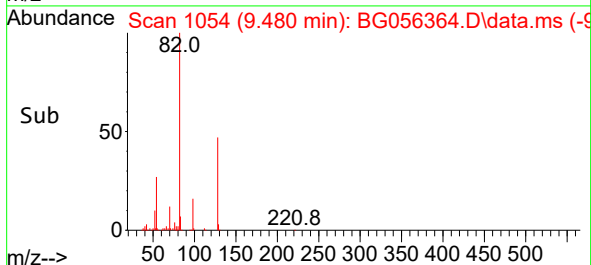
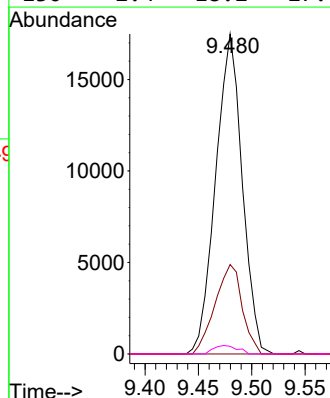
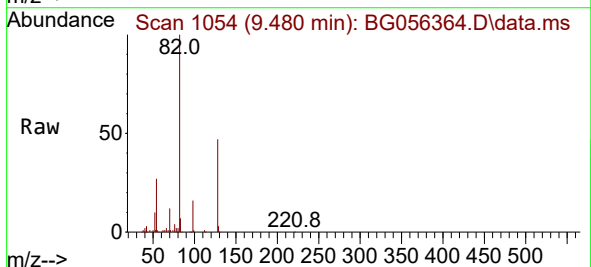
Instrument :
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ClientSampleId :
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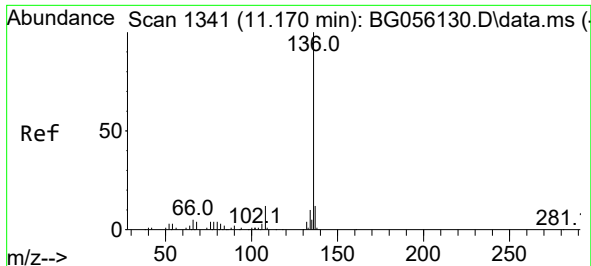
Tgt Ion: 99 Resp: 477400
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 29.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.303 ng
RT: 9.480 min Scan# 1054
Delta R.T. 0.369 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

Tgt Ion: 70 Resp: 30219
Ion Ratio Lower Upper
70 100
42 28.0 18.2 27.2#
101 0.0 8.3 12.5#
130 2.4 18.2 27.4#

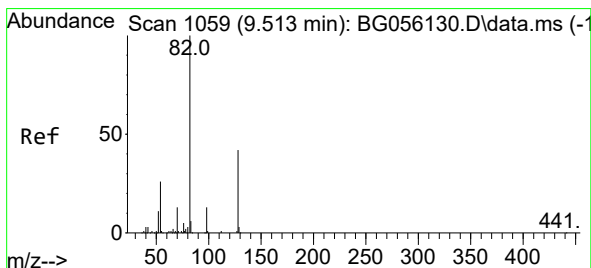
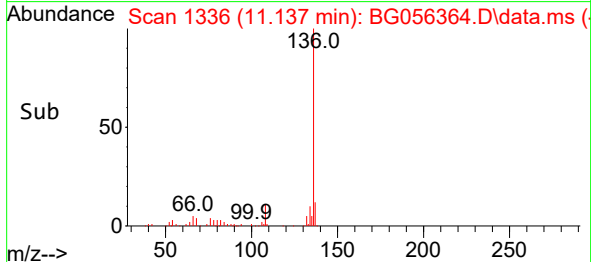
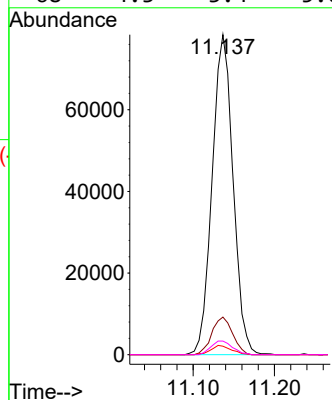
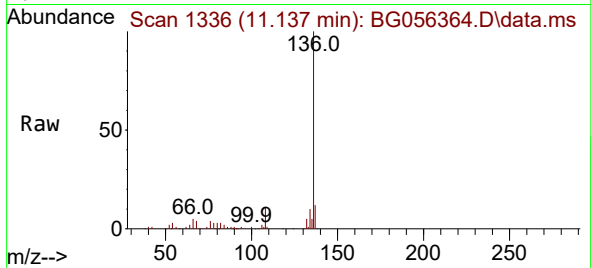




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

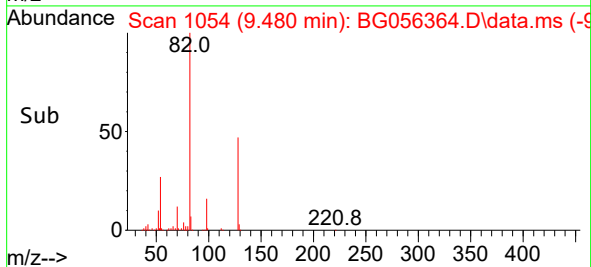
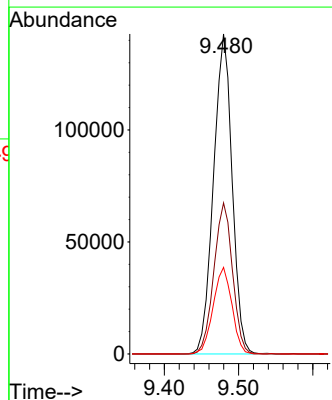
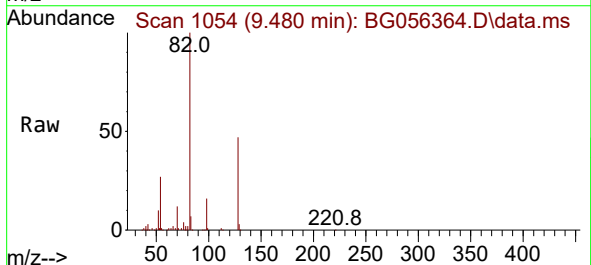
Instrument :
BNA_G
ClientSampleId :
PB150307TB

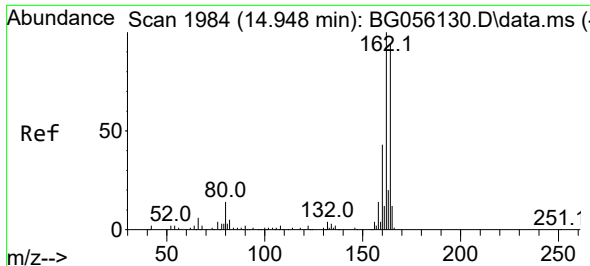
Tgt Ion:	136	Resp:	140145
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.4	14.0
54	2.7	2.2	3.2
68	4.3	3.4	5.0



#23
Nitrobenzene-d5
Concen: 90.836 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

Tgt Ion:	82	Resp:	248871
Ion Ratio	Lower	Upper	
82	100		
128	47.2	33.4	50.2
54	27.1	20.3	30.5

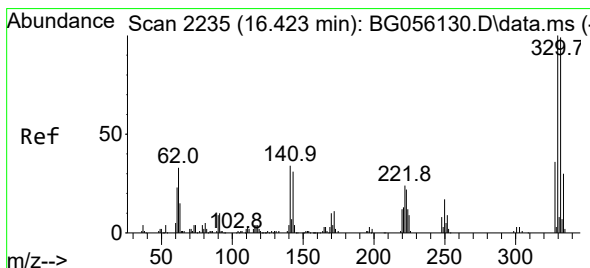
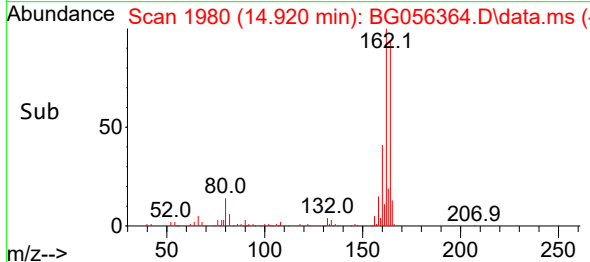
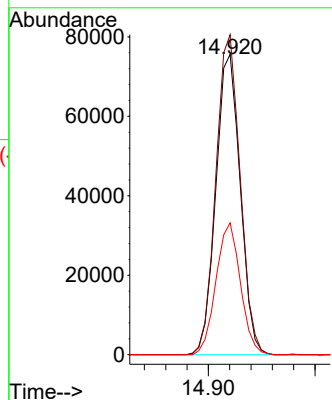
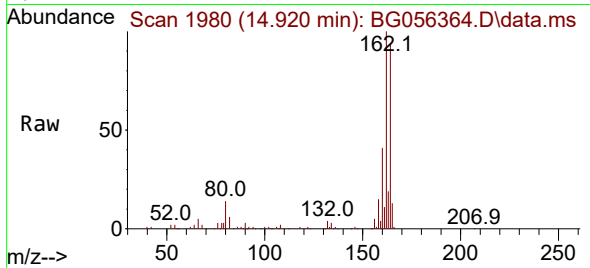




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.920 min Scan# 1984
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

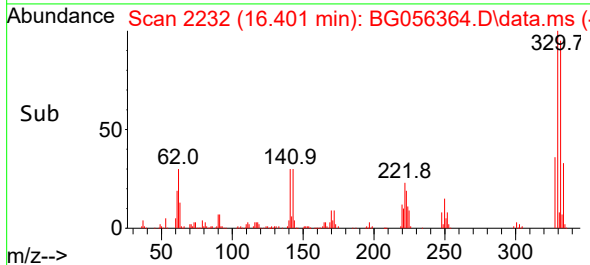
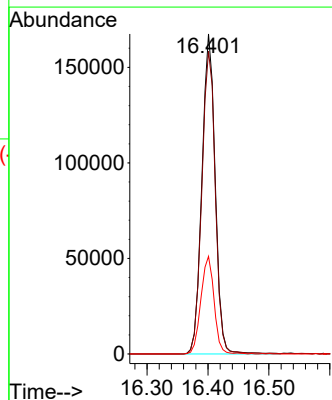
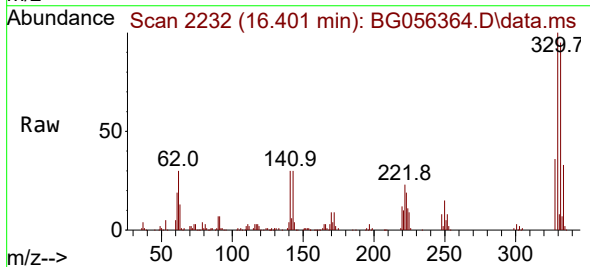
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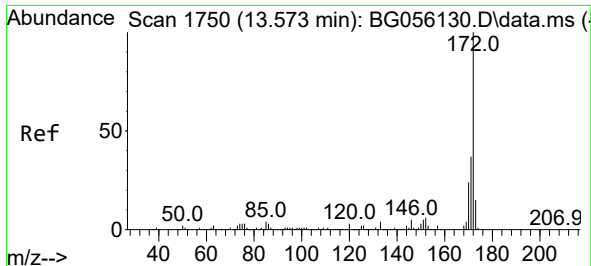
Tgt Ion:164 Resp: 119870
Ion Ratio Lower Upper
164 100
162 106.5 84.7 127.1
160 43.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 166.823 ng
RT: 16.401 min Scan# 2232
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

Tgt Ion:330 Resp: 253259
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 30.3 27.9 41.9

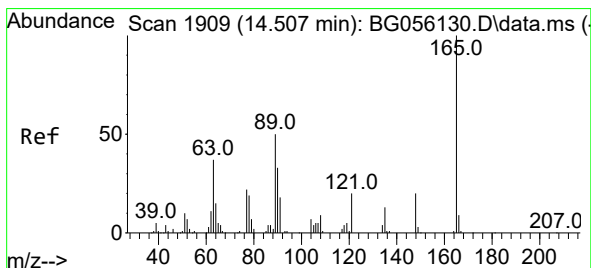
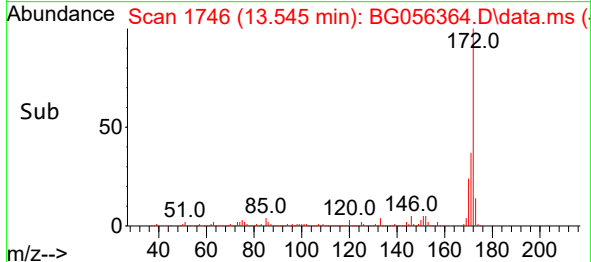
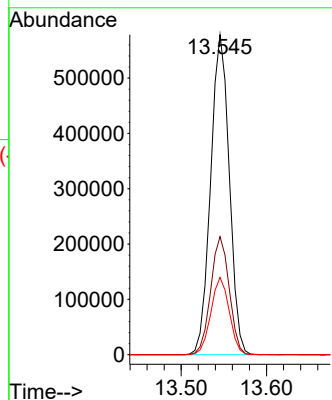
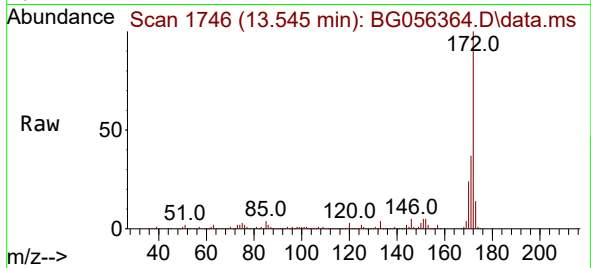




#45
2-Fluorobiphenyl
Concen: 101.085 ng
RT: 13.545 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

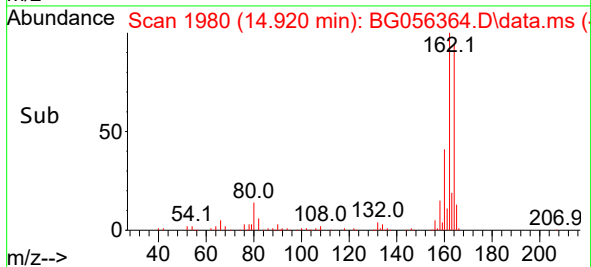
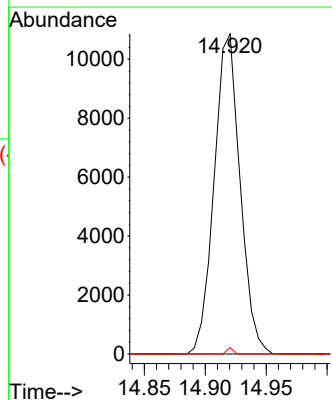
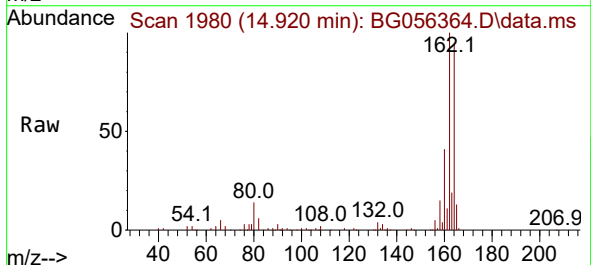
Instrument :
BNA_G
ClientSampleId :
PB150307TB

Tgt Ion:172 Resp: 877478
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.1 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.799 ng
RT: 14.920 min Scan# 1980
Delta R.T. 0.433 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

Tgt Ion:165 Resp: 16081
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.0 39.8 59.8#

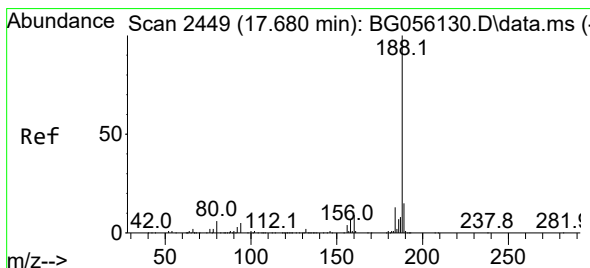
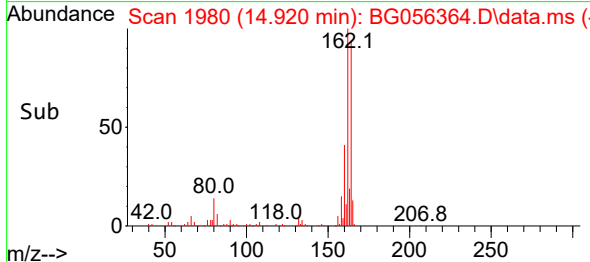
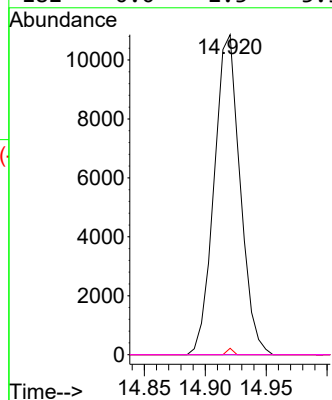
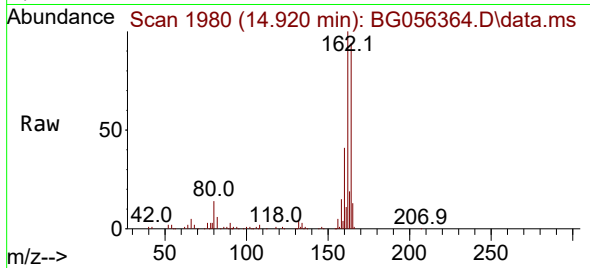




#57
2,4-Dinitrotoluene
Concen: 5.577 ng
RT: 14.920 min Scan# 1980
Delta R.T. -0.354 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

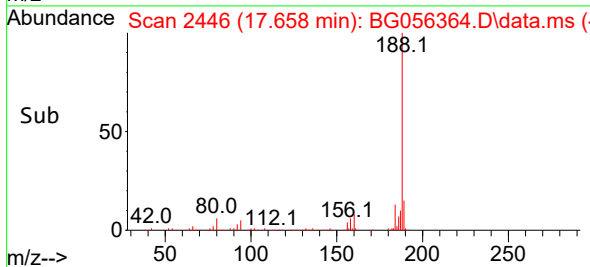
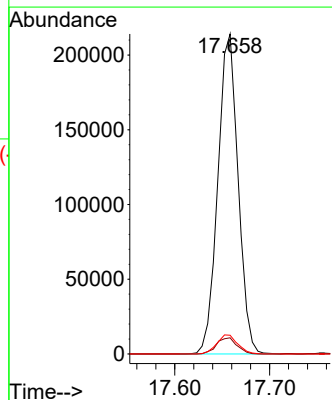
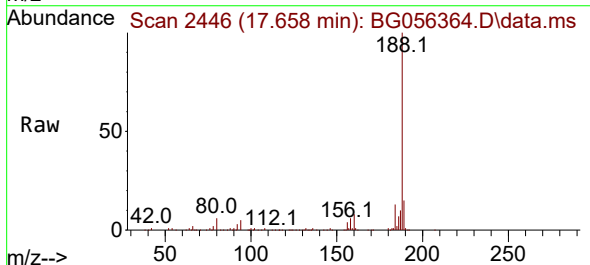
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ClientSampleId :
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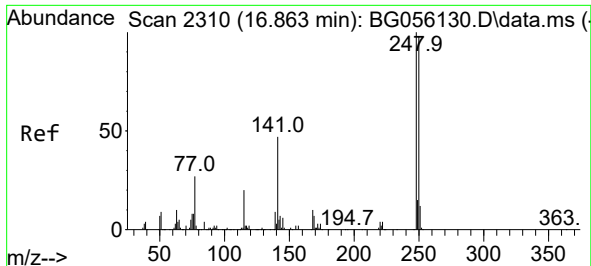
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Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.658 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

Tgt Ion:188 Resp: 318396
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.8 5.0 7.4

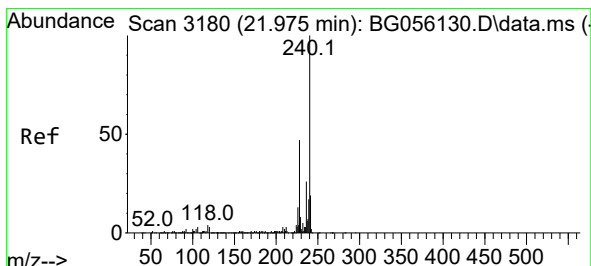
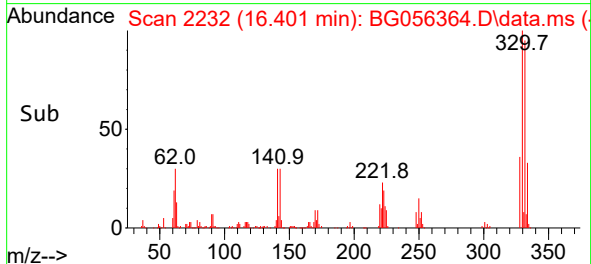
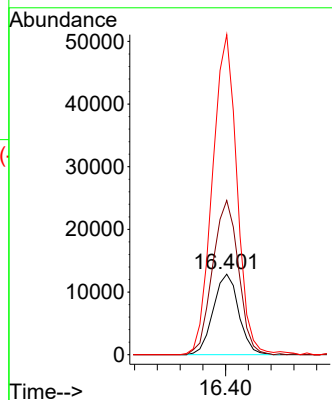
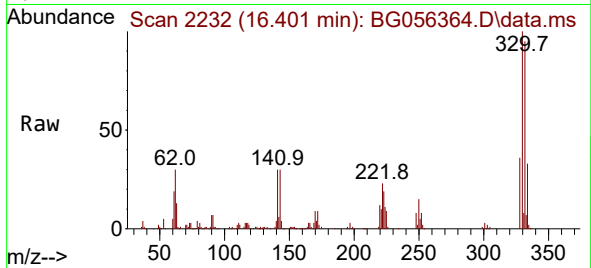




#67
4-Bromophenyl-phenylether
Concen: 4.919 ng
RT: 16.401 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

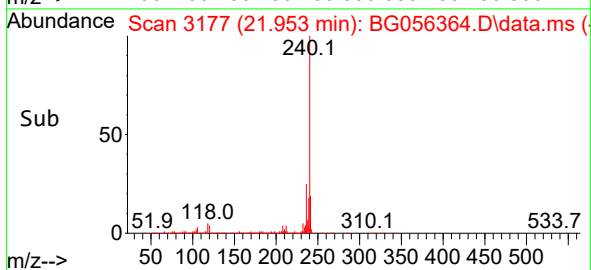
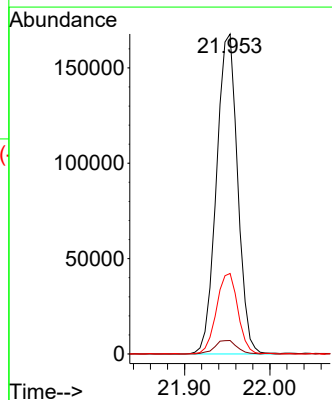
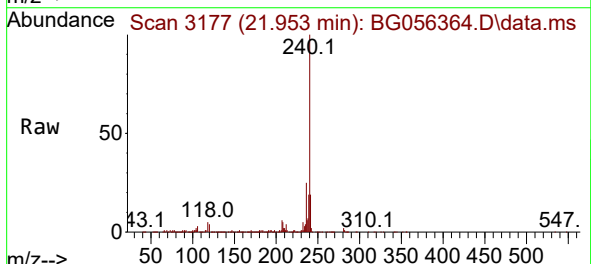
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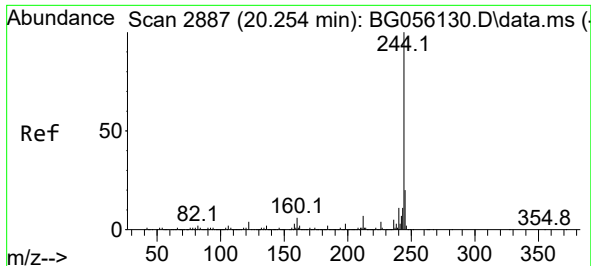
Tgt Ion:248 Resp: 19945
Ion Ratio Lower Upper
248 100
250 191.5 78.2 117.4#
141 397.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.953 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BG056364.D
Acq: 20 Jan 2023 12:25

Tgt Ion:240 Resp: 288859
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.1 20.8 31.2

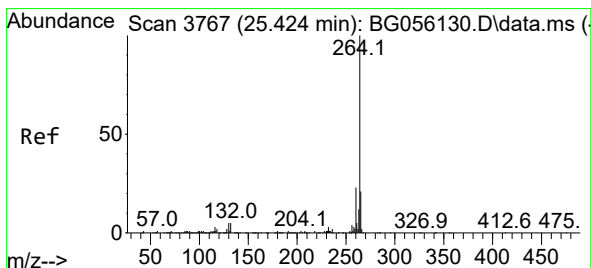
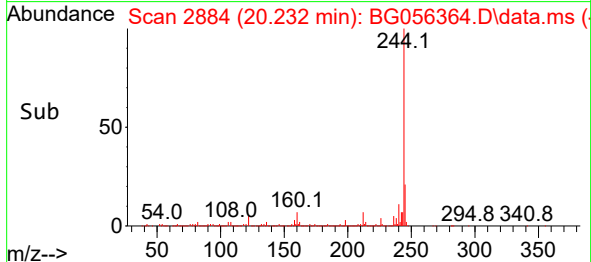
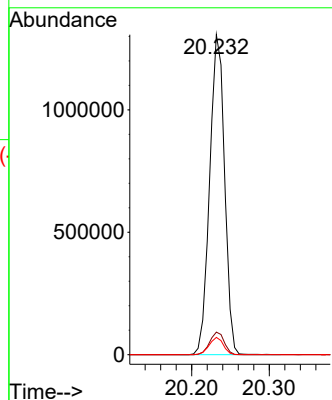
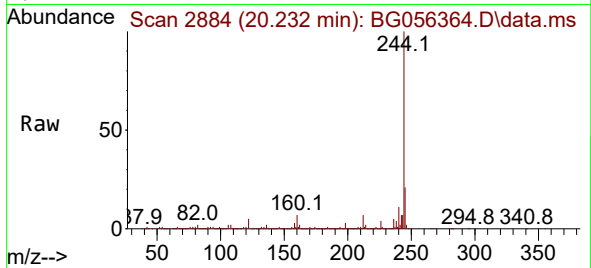




#79
 Terphenyl-d14
 Concen: 108.069 ng
 RT: 20.232 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056364.D
 Acq: 20 Jan 2023 12:25

Instrument :
 BNA_G
 ClientSampleId :
 PB150307TB

Tgt Ion:244 Resp: 1742923
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.4 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.396 min Scan# 3763
 Delta R.T. 0.005 min
 Lab File: BG056364.D
 Acq: 20 Jan 2023 12:25

Tgt Ion:264 Resp: 304950
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.6 28.0
 265 21.5 16.7 25.1

