

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056246.D
 Acq On : 11 Jan 2023 11:42
 Operator : CG/JU
 Sample : PB150116BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BL

Quant Time: Jan 12 04:15:51 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 12 03:38:40 2023
 Response via : Initial Calibration

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

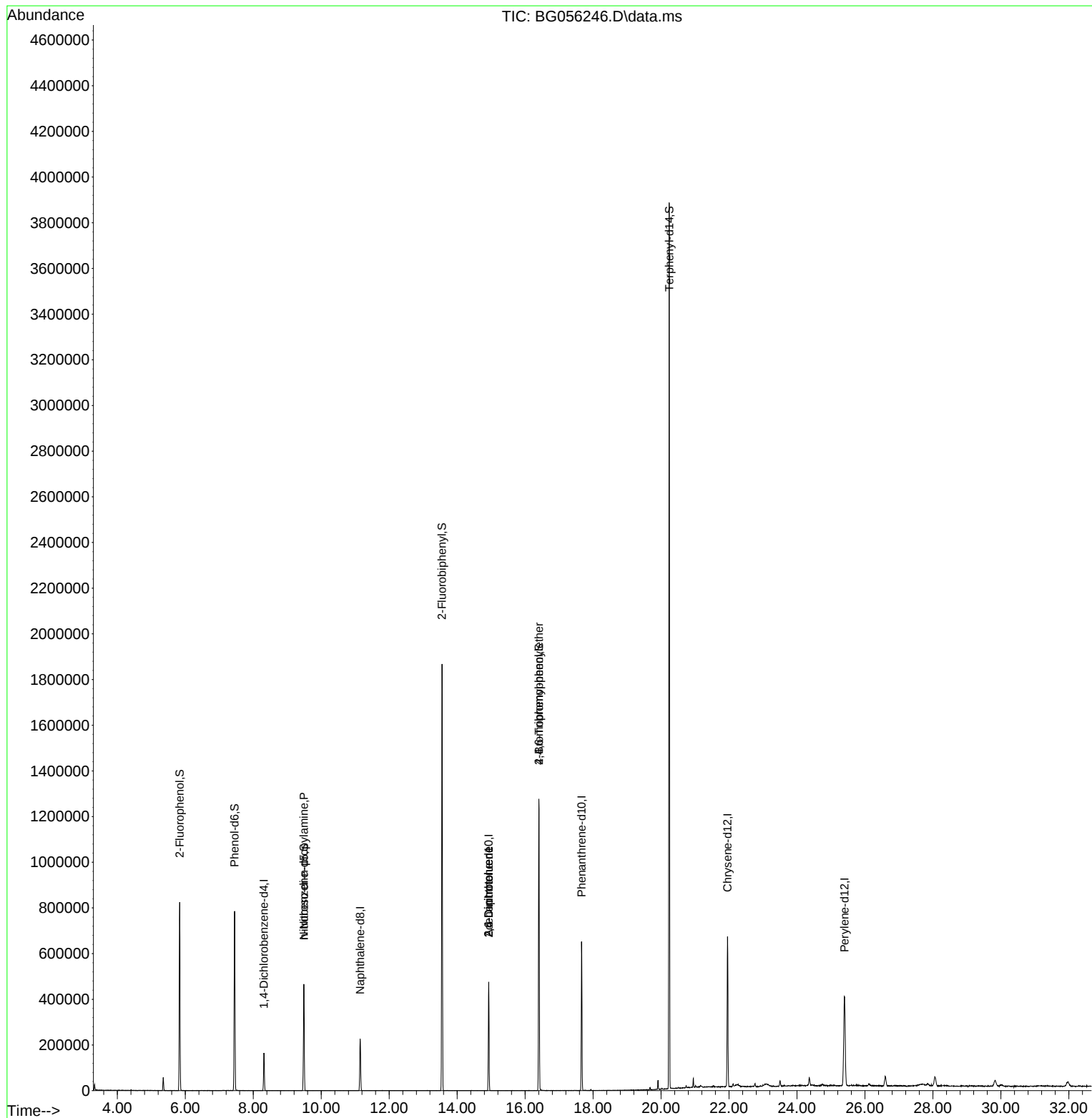
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.313	152	53567	20.000	ng	0.00
21) Naphthalene-d8	11.145	136	209945	20.000	ng	# 0.00
39) Acenaphthene-d10	14.929	164	183647	20.000	ng	0.00
64) Phenanthrene-d10	17.661	188	449846	20.000	ng	0.00
76) Chrysene-d12	21.956	240	469495	20.000	ng	# 0.00
86) Perylene-d12	25.399	264	462359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	451098	150.360	ng	0.00
7) Phenol-d6	7.450	99	610046	132.408	ng	0.00
23) Nitrobenzene-d5	9.489	82	332127	80.920	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	273127	117.431	ng	0.00
45) 2-Fluorobiphenyl	13.554	172	1066111	80.164	ng	0.00
79) Terphenyl-d14	20.241	244	2073631	79.106	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.489	70	41468	14.801	ng	# 74
51) 2,6-Dinitrotoluene	14.929	165	22469	7.113	ng	# 32
57) 2,4-Dinitrotoluene	14.929	165	22469	5.086	ng	# 28
67) 4-Bromophenyl-phenylether	16.410	248	23243	4.058	ng	# 1

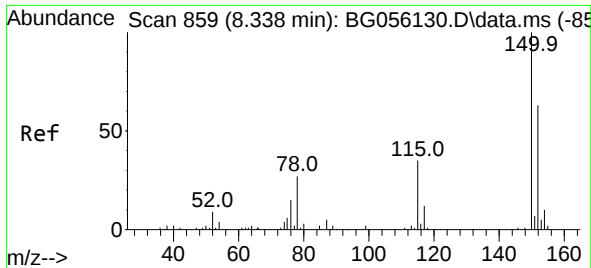
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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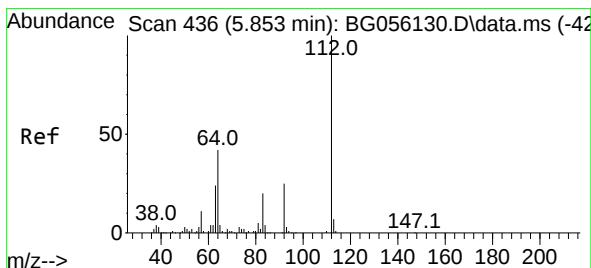
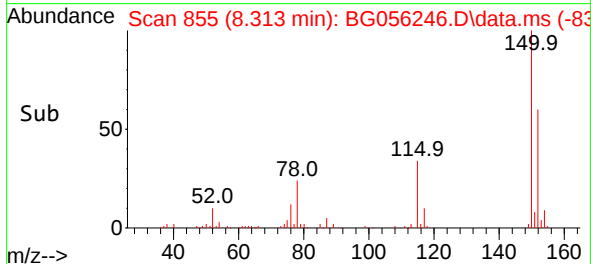
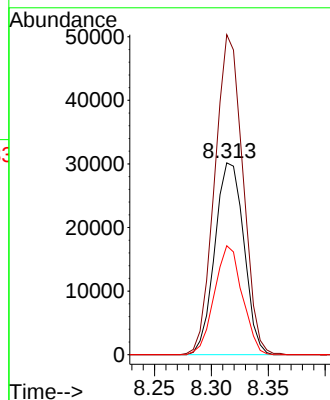
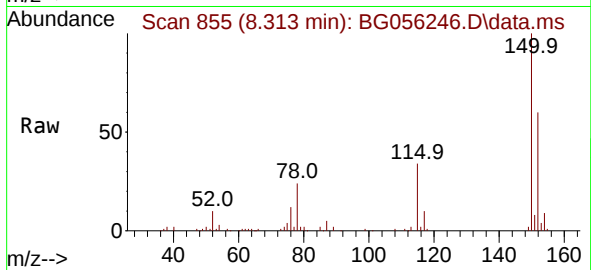




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.313 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG056246.D
 Acq: 11 Jan 2023 11:42

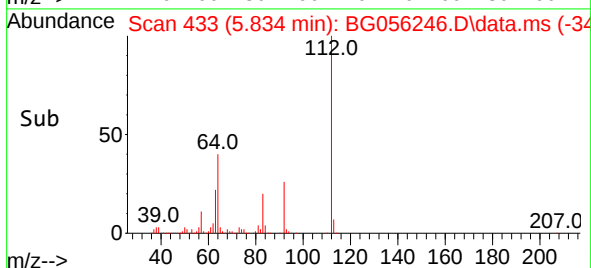
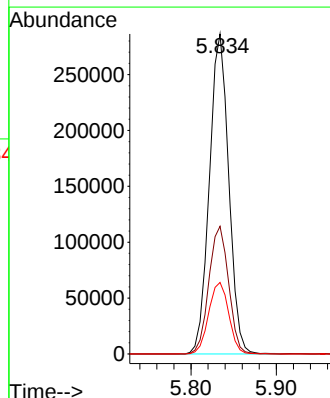
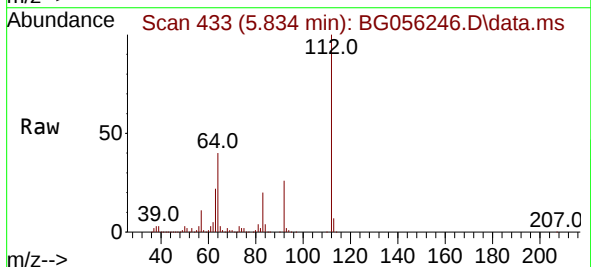
Instrument :
 BNA_G
 ClientSampleId :
 PB150116BL

Tgt Ion:152 Resp: 53567
 Ion Ratio Lower Upper
 152 100
 150 166.7 127.9 191.9
 115 56.8 44.2 66.2



#5
 2-Fluorophenol
 Concen: 150.360 ng
 RT: 5.834 min Scan# 433
 Delta R.T. 0.008 min
 Lab File: BG056246.D
 Acq: 11 Jan 2023 11:42

Tgt Ion:112 Resp: 451098
 Ion Ratio Lower Upper
 112 100
 64 39.9 33.3 49.9
 63 22.3 19.0 28.4

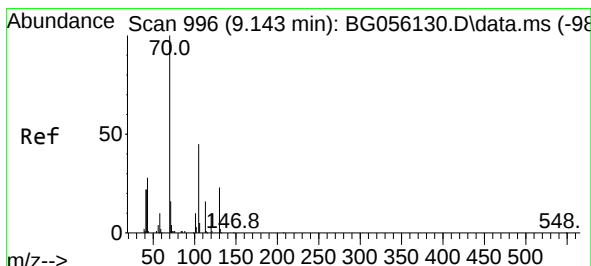
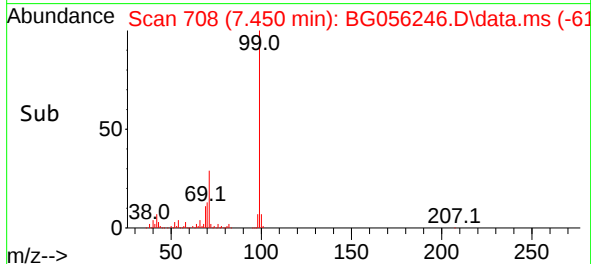
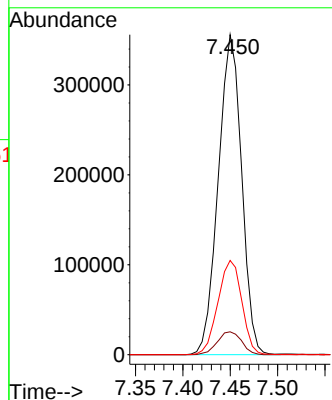
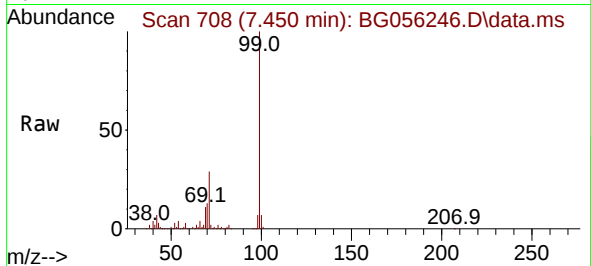




#7
Phenol-d6
Concen: 132.408 ng
RT: 7.450 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

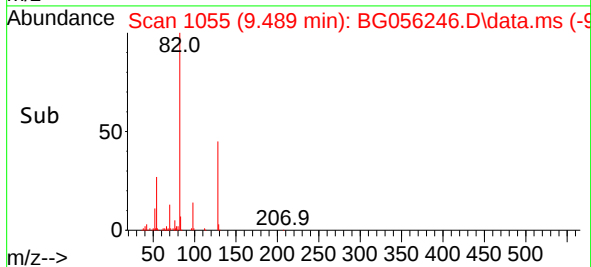
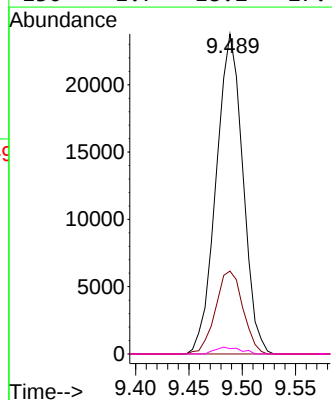
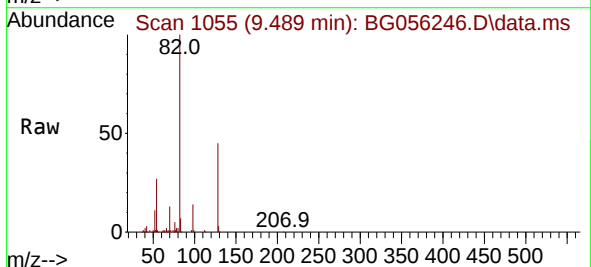
Instrument :
BNA_G
ClientSampleId :
PB150116BL

Tgt Ion: 99 Resp: 610046
Ion Ratio Lower Upper
99 100
42 7.1 5.9 8.9
71 29.4 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.801 ng
RT: 9.489 min Scan# 1055
Delta R.T. 0.373 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

Tgt Ion: 70 Resp: 41468
Ion Ratio Lower Upper
70 100
42 25.9 18.2 27.2
101 0.0 8.3 12.5#
130 1.7 18.2 27.4#

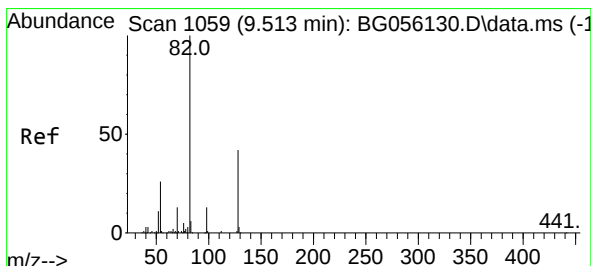
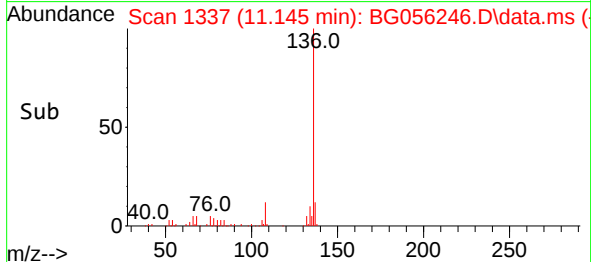
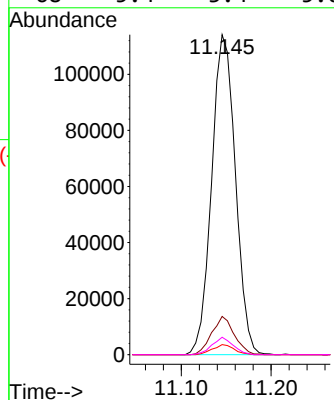
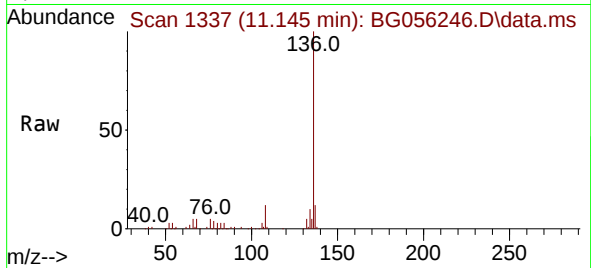




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

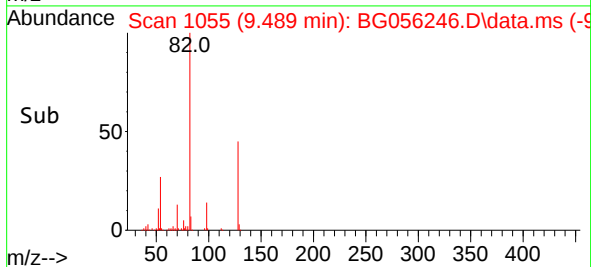
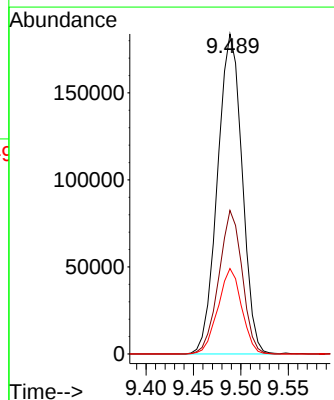
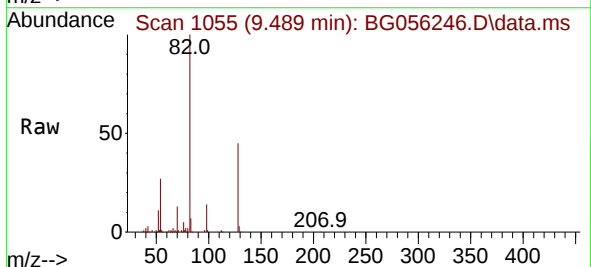
Instrument :
BNA_G
ClientSampleId :
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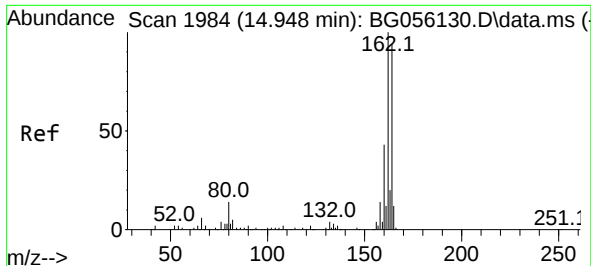
Tgt Ion:136 Resp: 209945
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 3.2 2.2 3.2
68 5.4 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 80.920 ng
RT: 9.489 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

Tgt Ion: 82 Resp: 332127
Ion Ratio Lower Upper
82 100
128 44.9 33.4 50.2
54 26.7 20.3 30.5

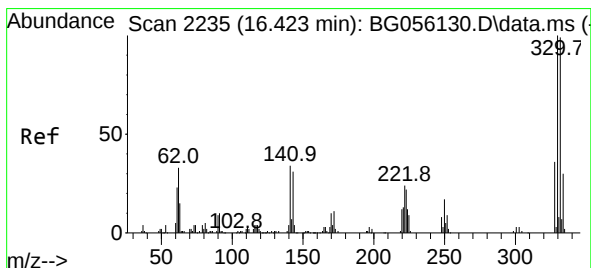
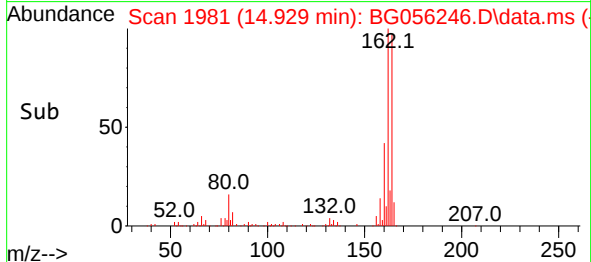
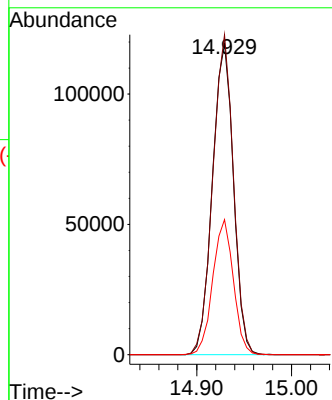
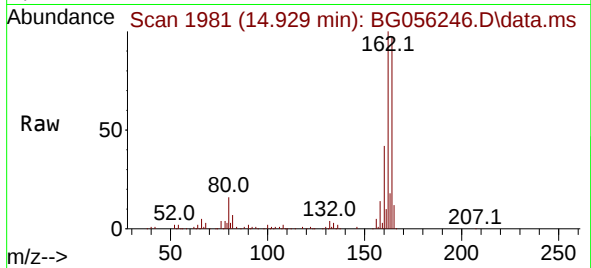




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.929 min Scan# 1981
Delta R.T. 0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

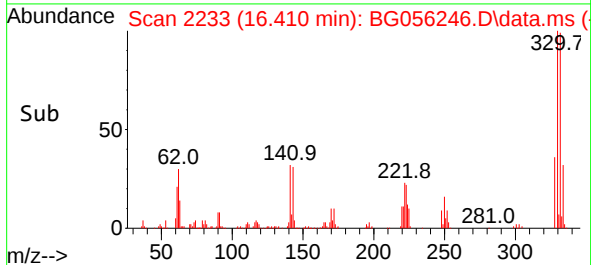
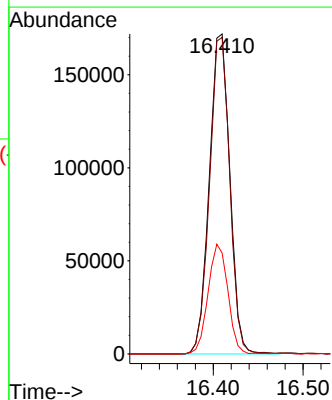
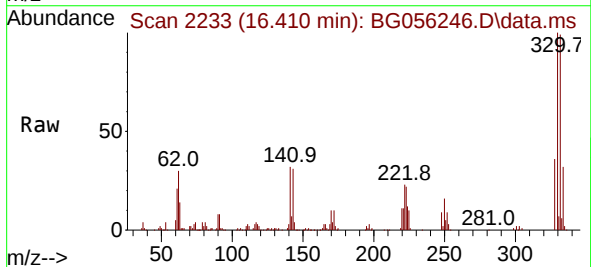
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ClientSampleId :
PB150116BL

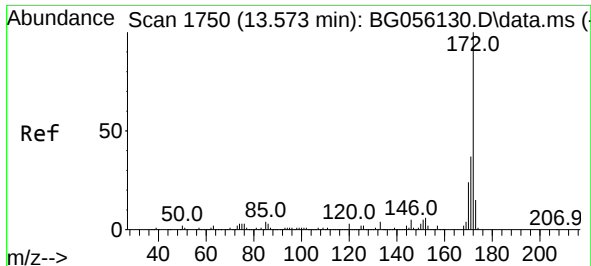
Tgt Ion:164 Resp: 183647
Ion Ratio Lower Upper
164 100
162 102.9 84.7 127.1
160 43.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 117.431 ng
RT: 16.410 min Scan# 2233
Delta R.T. 0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

Tgt Ion:330 Resp: 273127
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 33.2 27.9 41.9

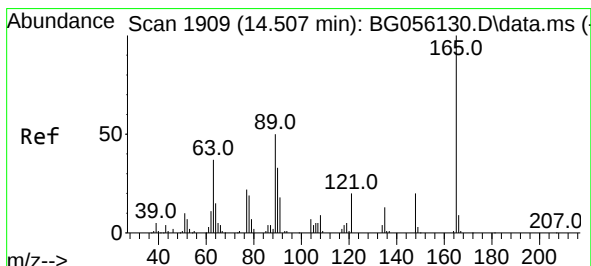
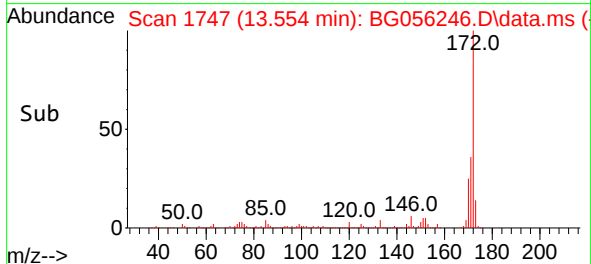
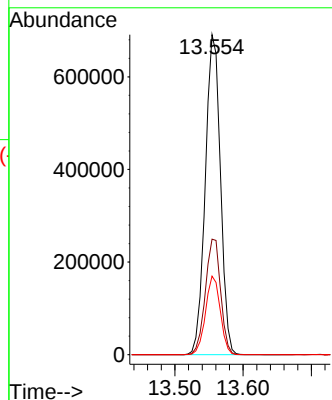
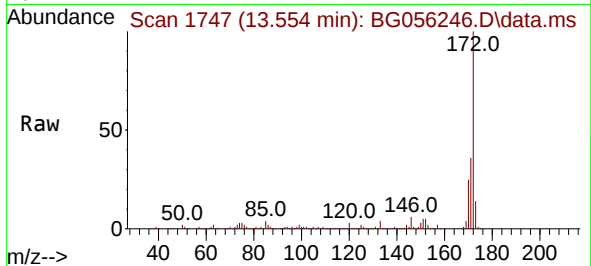




#45
2-Fluorobiphenyl
Concen: 80.164 ng
RT: 13.554 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

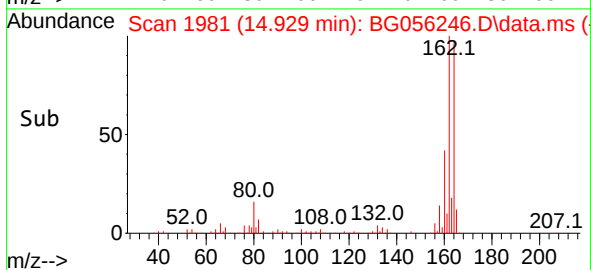
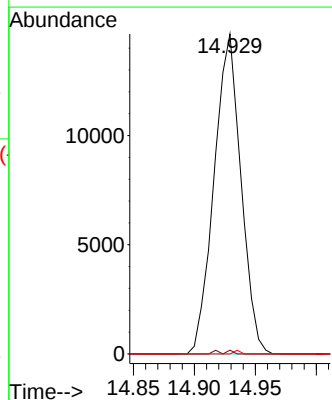
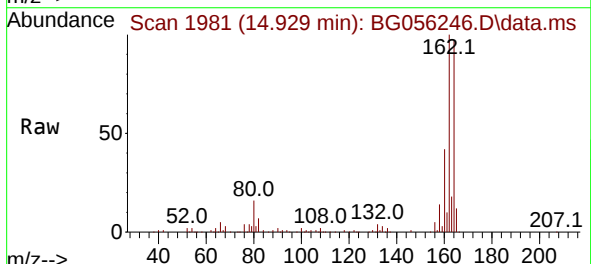
Instrument :
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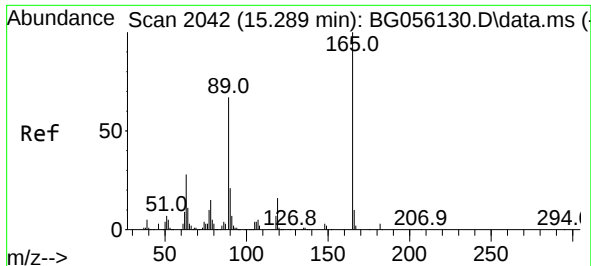
Tgt Ion:172 Resp: 1066111
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.6 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.113 ng
RT: 14.929 min Scan# 1981
Delta R.T. 0.437 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

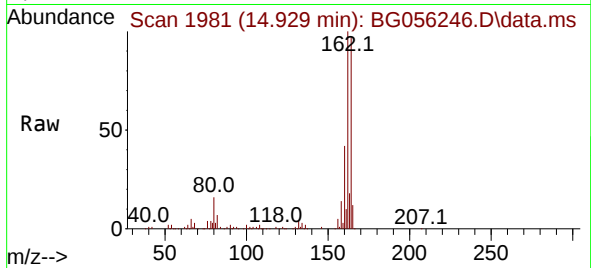
Tgt Ion:165 Resp: 22469
Ion Ratio Lower Upper
165 100
63 1.2 32.2 48.2#
89 0.0 39.8 59.8#



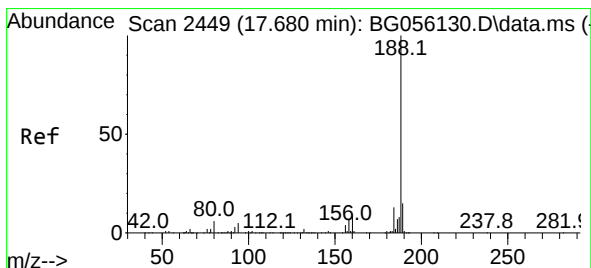
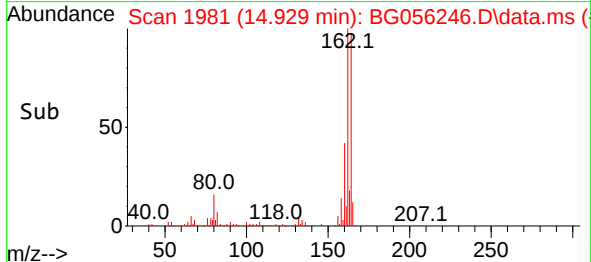
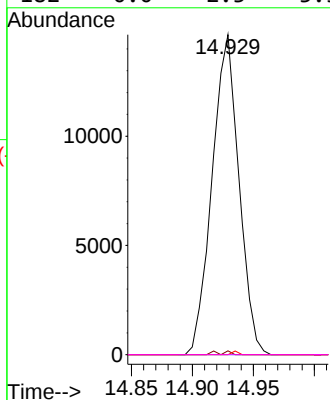


#57
2,4-Dinitrotoluene
Concen: 5.086 ng
RT: 14.929 min Scan# 1981
Delta R.T. -0.344 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

Instrument :
BNA_G
ClientSampleId :
PB150116BL

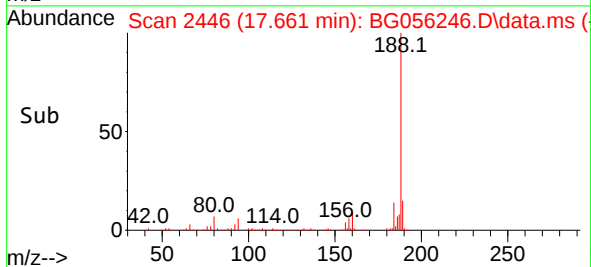
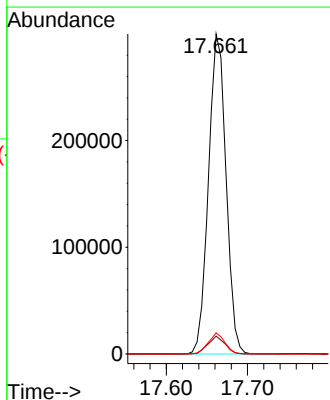
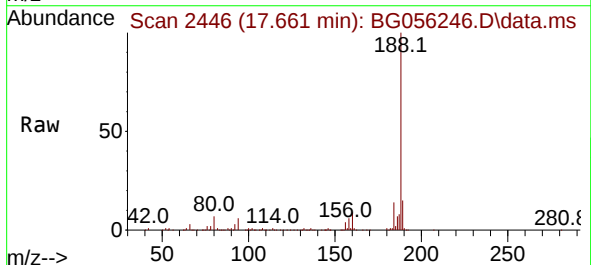


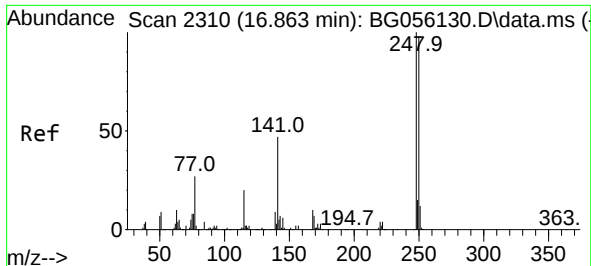
Tgt Ion:165 Resp: 22469
Ion Ratio Lower Upper
165 100
63 1.2 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.661 min Scan# 2446
Delta R.T. -0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

Tgt Ion:188 Resp: 449846
Ion Ratio Lower Upper
188 100
94 5.6 4.2 6.2
80 6.6 5.0 7.4

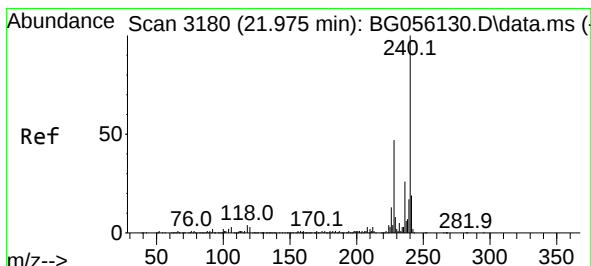
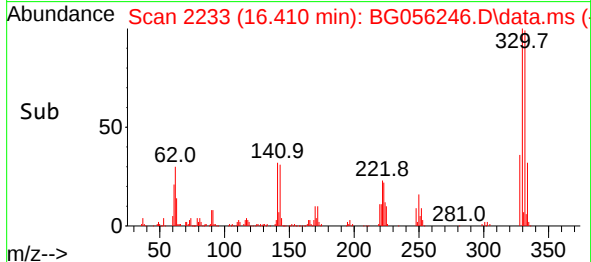
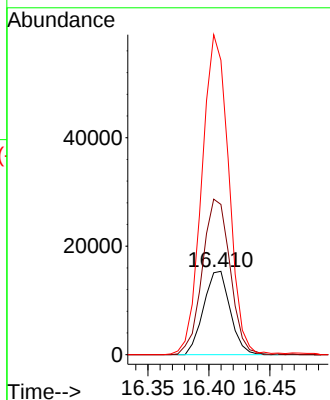
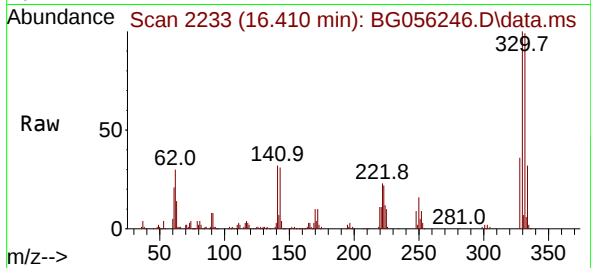




#67
4-Bromophenyl-phenylether
Concen: 4.058 ng
RT: 16.410 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

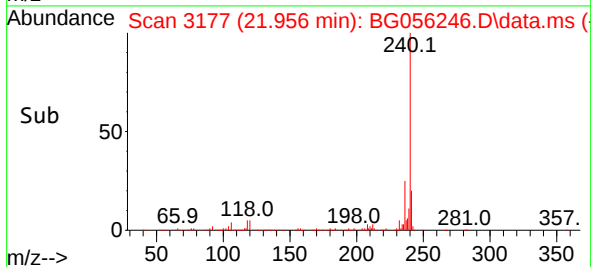
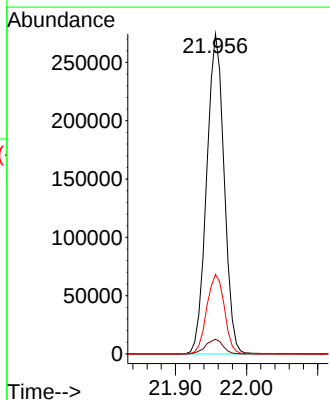
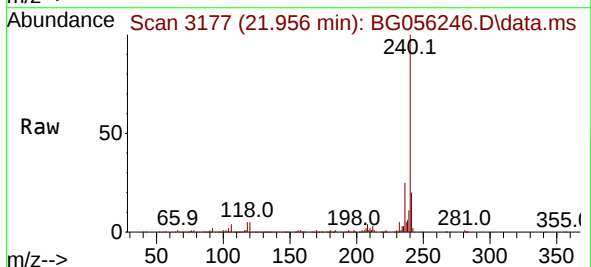
Instrument :
BNA_G
ClientSampleId :
PB150116BL

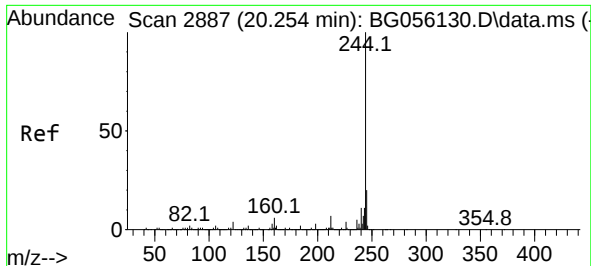
Tgt Ion:248 Resp: 23243
Ion Ratio Lower Upper
248 100
250 180.4 78.2 117.4#
141 353.3 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.956 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG056246.D
Acq: 11 Jan 2023 11:42

Tgt Ion:240 Resp: 469495
Ion Ratio Lower Upper
240 100
120 4.6 2.6 4.0#
236 24.9 20.8 31.2

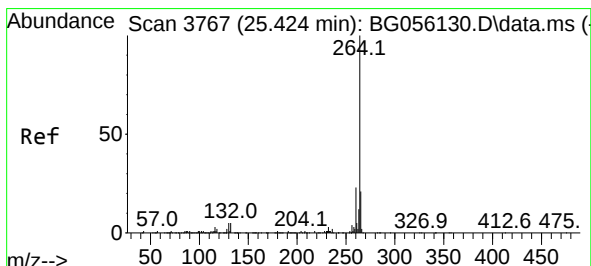
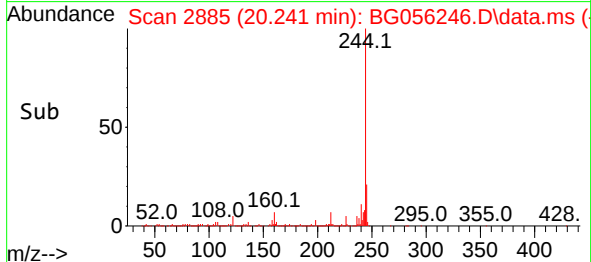
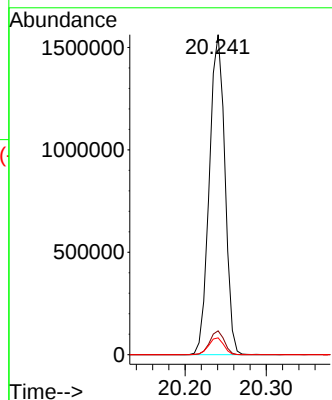
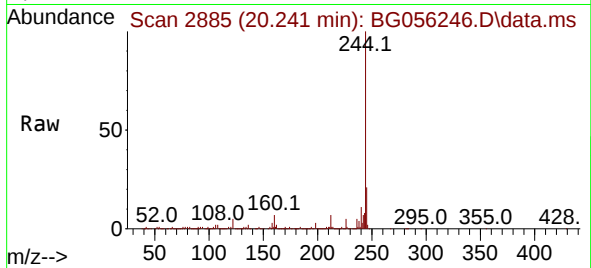




#79
 Terphenyl-d14
 Concen: 79.106 ng
 RT: 20.241 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056246.D
 Acq: 11 Jan 2023 11:42

Instrument :
 BNA_G
 ClientSampleId :
 PB150116BL

Tgt Ion:244 Resp: 2073631
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.399 min Scan# 3763
 Delta R.T. -0.003 min
 Lab File: BG056246.D
 Acq: 11 Jan 2023 11:42

Tgt Ion:264 Resp: 462359
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.5 16.7 25.1

