

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011923\
 Data File : BG056353.D
 Acq On : 19 Jan 2023 19:06
 Operator : CG/JU
 Sample : 01217-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-2

Quant Time: Jan 20 01:36:51 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 19 00:31:30 2023
 Response via : Initial Calibration

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

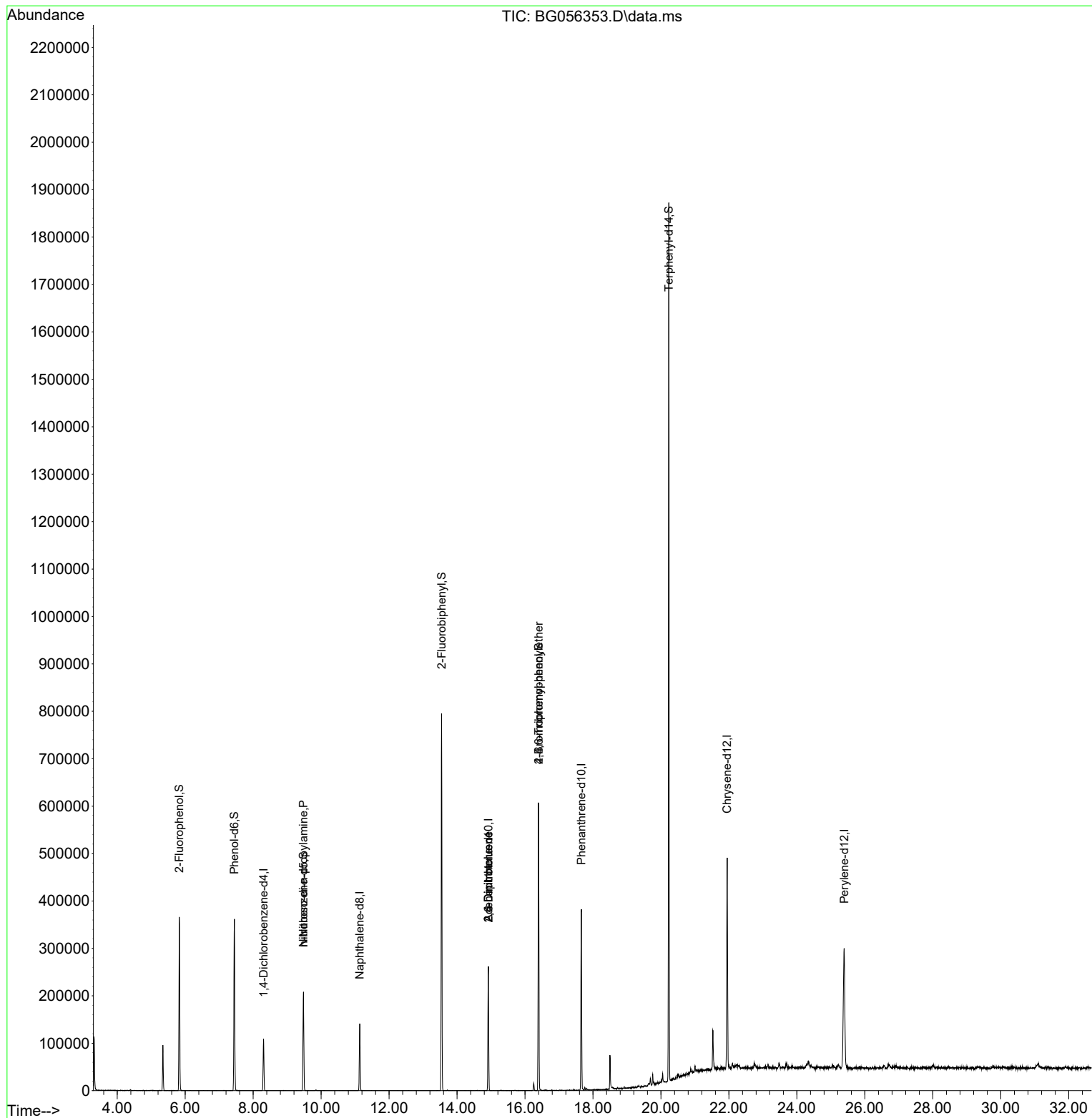
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.309	152	37064	20.000	ng	0.00
21) Naphthalene-d8	11.135	136	131125	20.000	ng	0.00
39) Acenaphthene-d10	14.919	164	101854	20.000	ng	0.00
64) Phenanthrene-d10	17.657	188	277622	20.000	ng	# 0.00
76) Chrysene-d12	21.946	240	294890	20.000	ng	# 0.00
86) Perylene-d12	25.389	264	318085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.824	112	209404	100.877	ng	0.00
7) Phenol-d6	7.445	99	281320	88.246	ng	0.00
23) Nitrobenzene-d5	9.478	82	144499	56.369	ng	0.00
42) 2,4,6-Tribromophenol	16.399	330	137350	106.476	ng	0.00
45) 2-Fluorobiphenyl	13.544	172	449301	60.915	ng	0.00
79) Terphenyl-d14	20.230	244	1012977	61.524	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.478	70	18172	9.374	ng	# 73
51) 2,6-Dinitrotoluene	14.919	165	13465	7.685	ng	# 31
57) 2,4-Dinitrotoluene	14.919	165	13465	5.495	ng	# 28
67) 4-Bromophenyl-phenylether	16.399	248	11030	3.120	ng	# 1

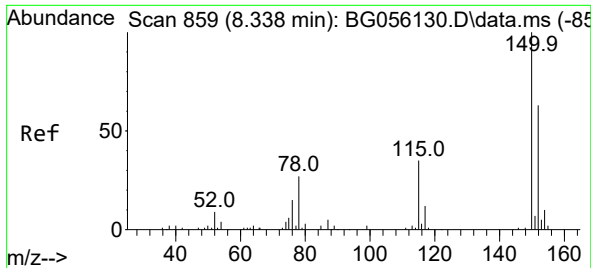
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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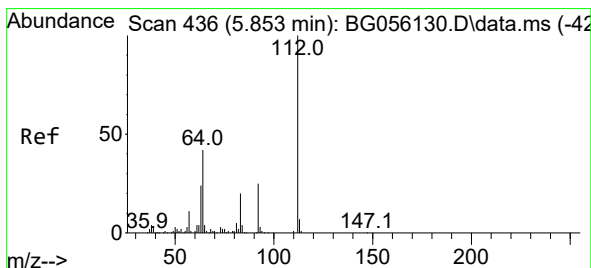
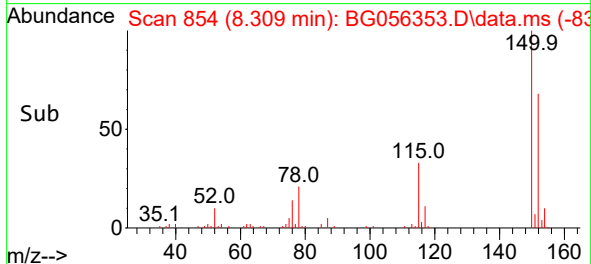
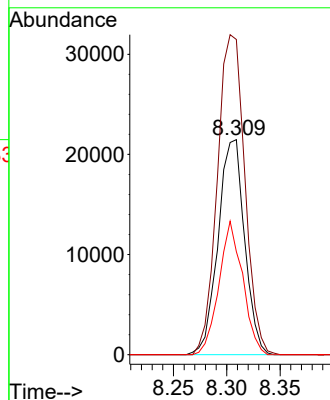
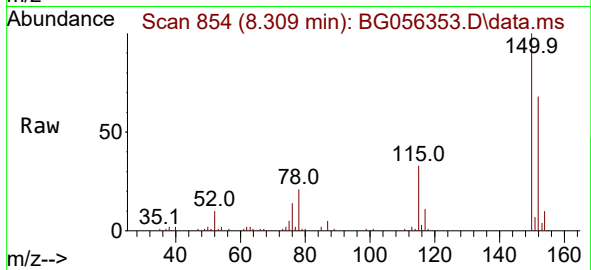




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.309 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

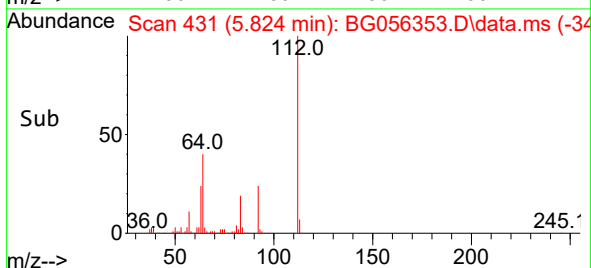
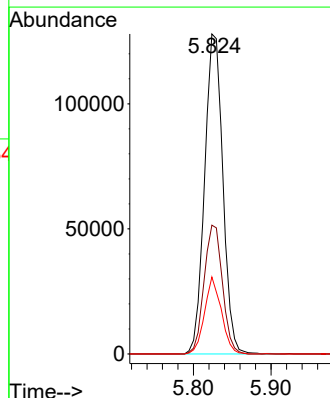
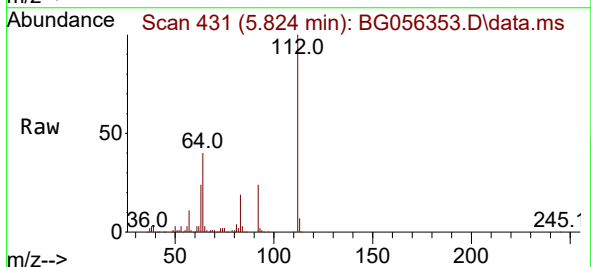
Instrument :
BNA_G
ClientSampleId :
BORING-2

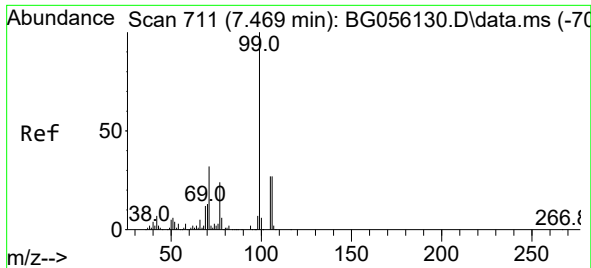
Tgt Ion:152 Resp: 37064
Ion Ratio Lower Upper
152 100
150 146.6 127.9 191.9
115 47.9 44.2 66.2



#5
2-Fluorophenol
Concen: 100.877 ng
RT: 5.824 min Scan# 431
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion:112 Resp: 209404
Ion Ratio Lower Upper
112 100
64 40.3 33.3 49.9
63 24.1 19.0 28.4

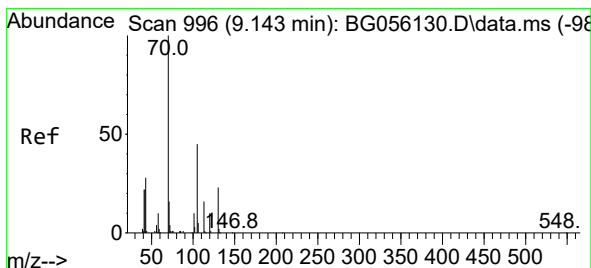
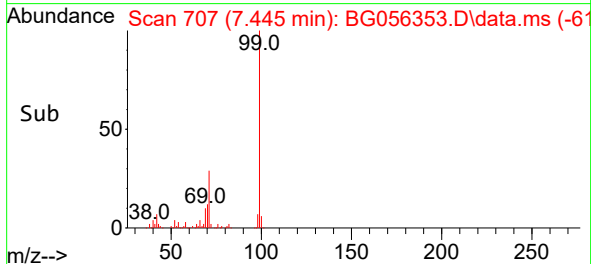
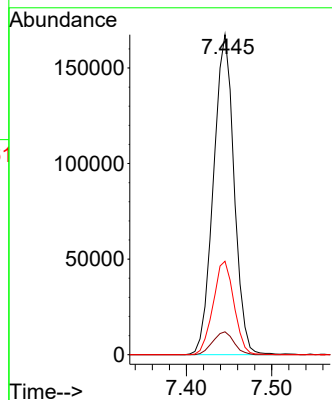
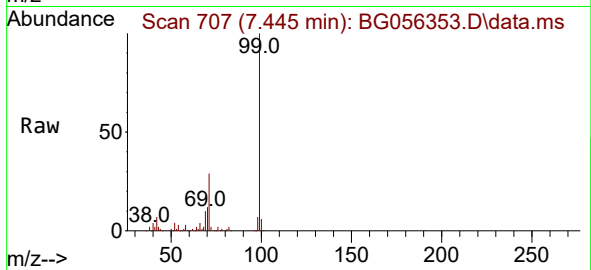




#7
Phenol-d6
Concen: 88.246 ng
RT: 7.445 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

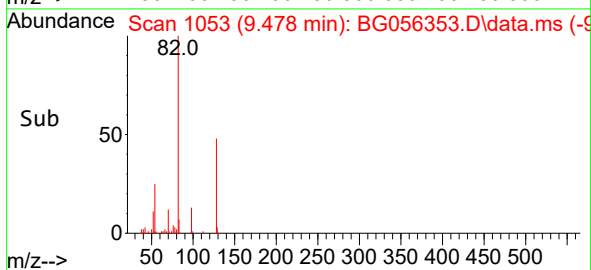
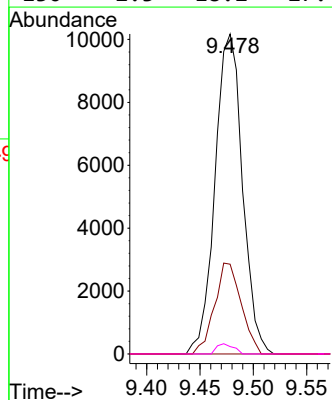
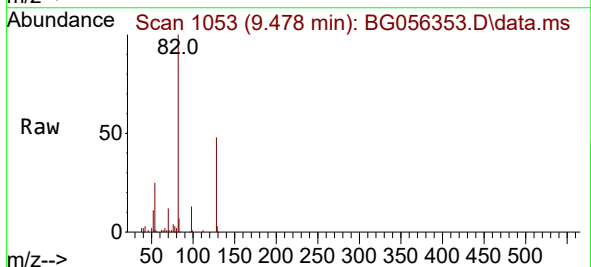
Instrument :
BNA_G
ClientSampleId :
BORING-2

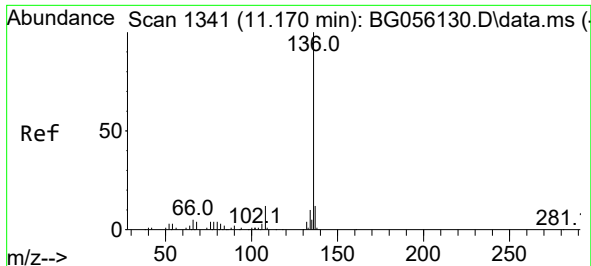
Tgt Ion: 99 Resp: 281320
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 29.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.374 ng
RT: 9.478 min Scan# 1053
Delta R.T. 0.367 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion: 70 Resp: 18172
Ion Ratio Lower Upper
70 100
42 28.0 18.2 27.2#
101 0.0 8.3 12.5#
130 2.3 18.2 27.4#

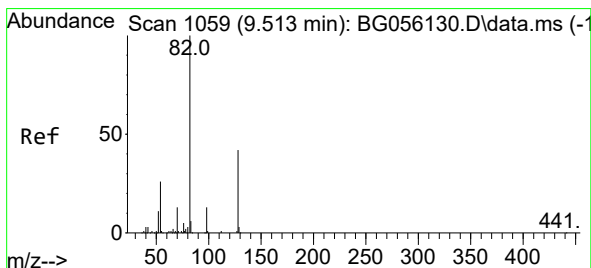
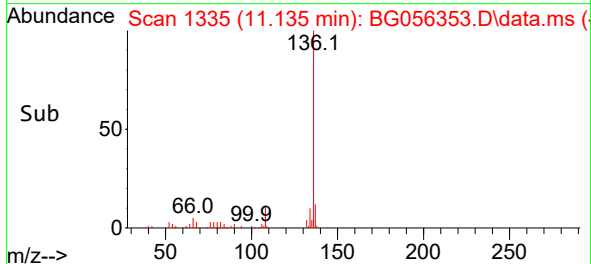
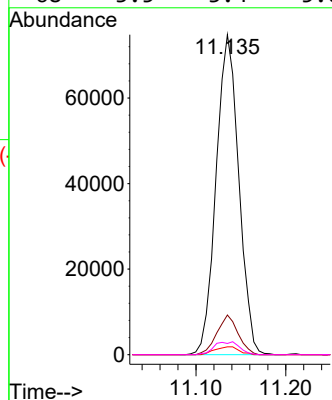
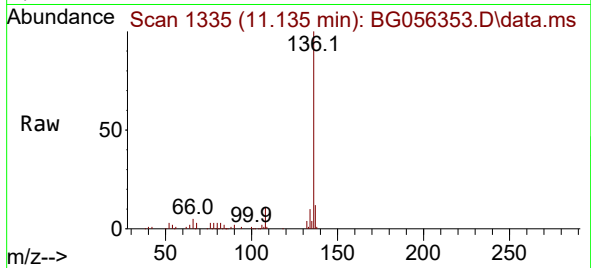




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.135 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

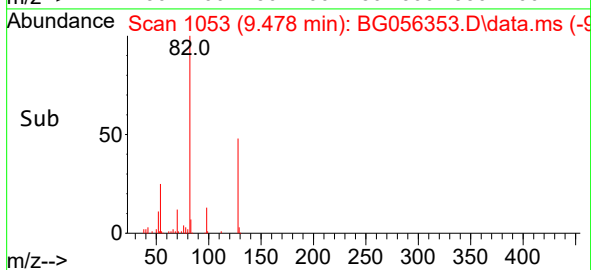
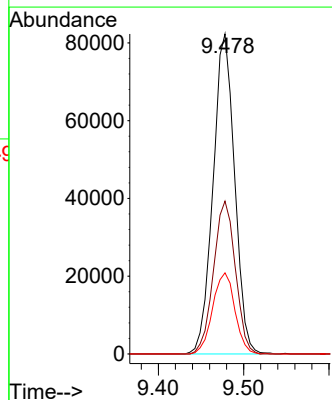
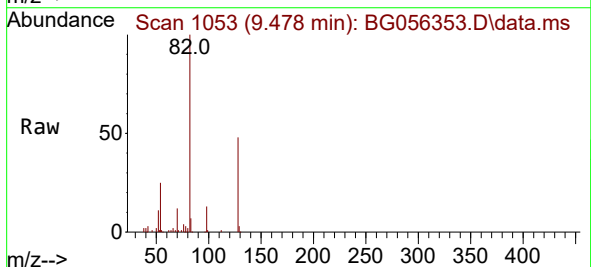
Instrument :
BNA_G
ClientSampleId :
BORING-2

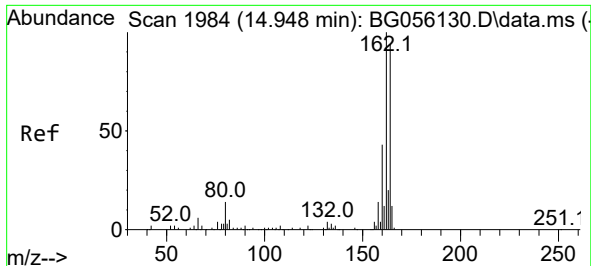
Tgt Ion:	136	Resp:	131125
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.4	14.0
54	2.5	2.2	3.2
68	3.5	3.4	5.0



#23
Nitrobenzene-d5
Concen: 56.369 ng
RT: 9.478 min Scan# 1053
Delta R.T. -0.009 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion:	82	Resp:	144499
Ion	Ratio	Lower	Upper
82	100		
128	47.7	33.4	50.2
54	25.4	20.3	30.5

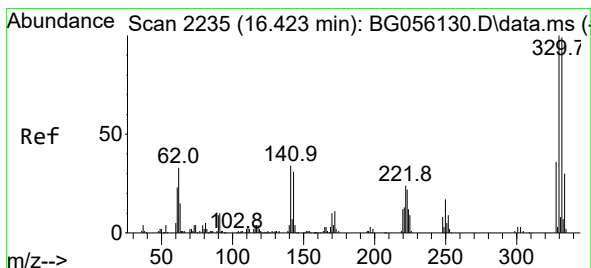
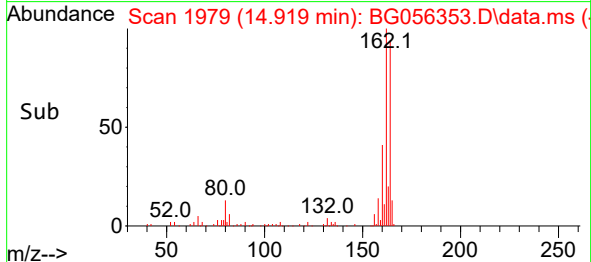
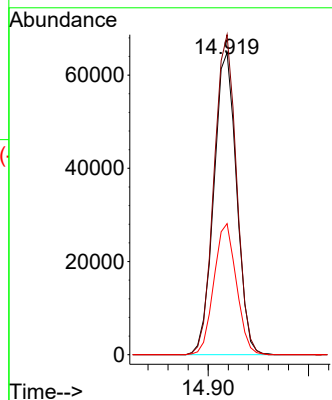
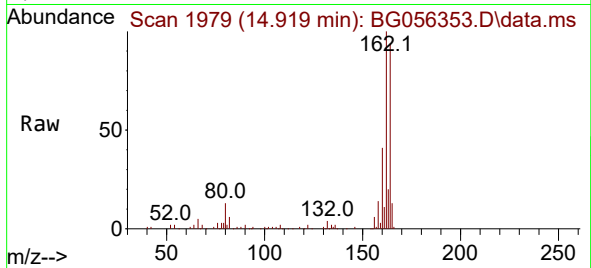




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.919 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

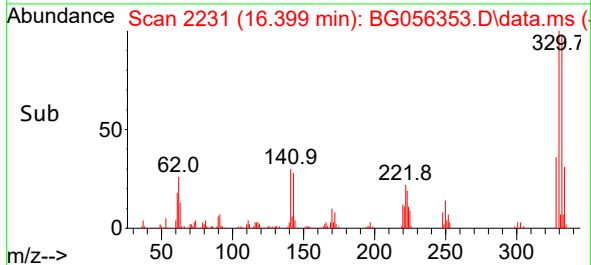
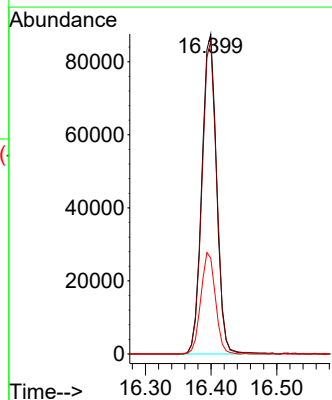
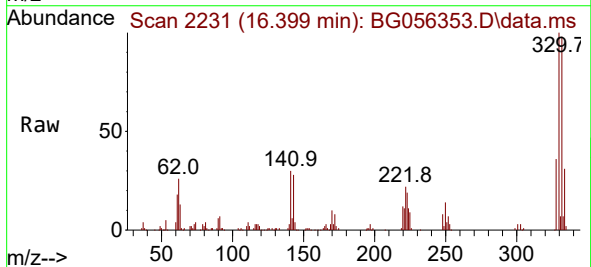
Instrument :
BNA_G
ClientSampleId :
BORING-2

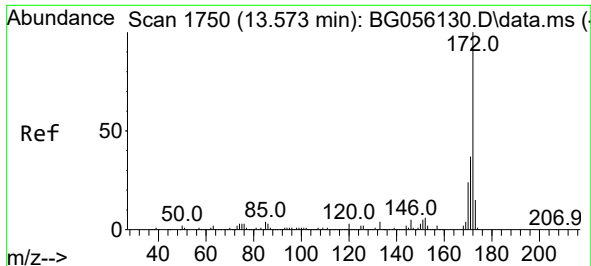
Tgt Ion:164 Resp: 101854
Ion Ratio Lower Upper
164 100
162 105.9 84.7 127.1
160 43.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 106.476 ng
RT: 16.399 min Scan# 2231
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion:330 Resp: 137350
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 31.2 27.9 41.9

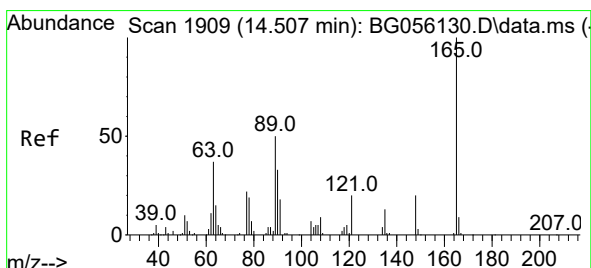
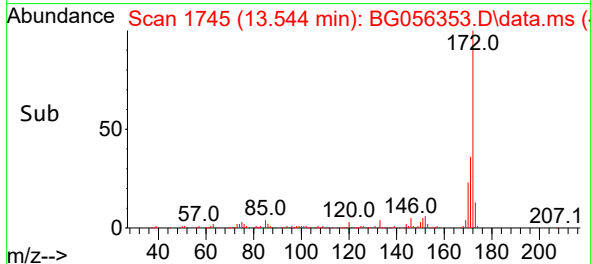
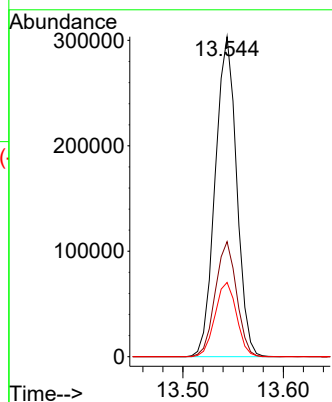
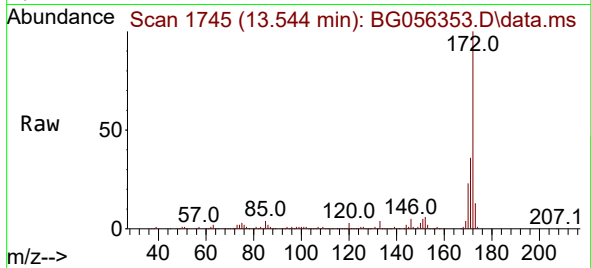




#45
2-Fluorobiphenyl
Concen: 60.915 ng
RT: 13.544 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

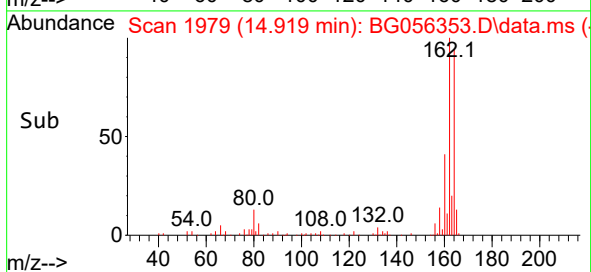
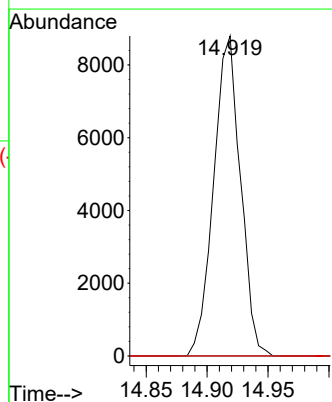
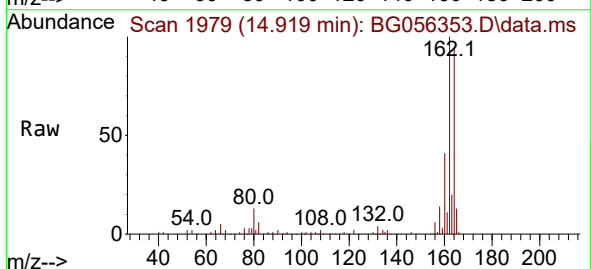
Instrument :
BNA_G
ClientSampleId :
BORING-2

Tgt Ion:172 Resp: 449301
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.685 ng
RT: 14.919 min Scan# 1979
Delta R.T. 0.432 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion:165 Resp: 13465
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

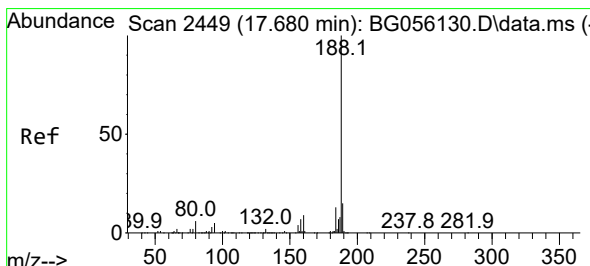
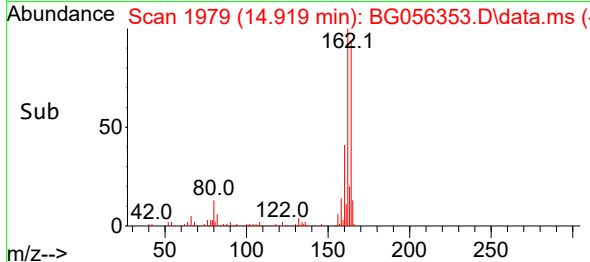
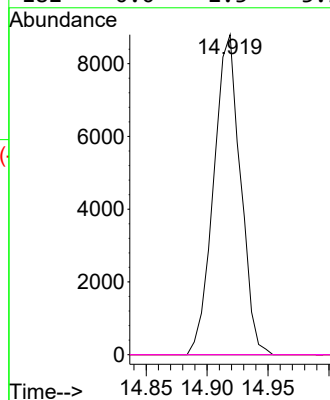
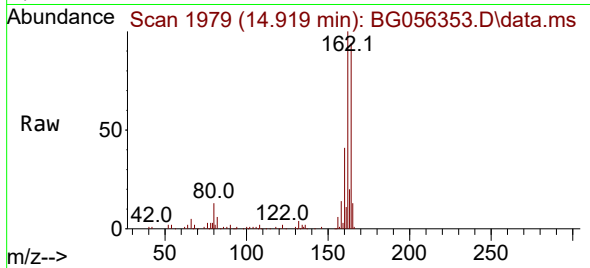




#57
2,4-Dinitrotoluene
Concen: 5.495 ng
RT: 14.919 min Scan# 14
Delta R.T. -0.355 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

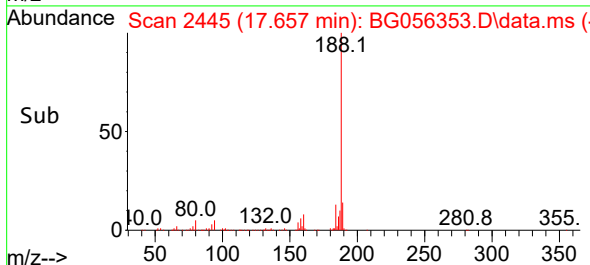
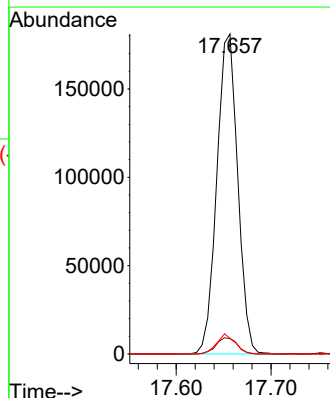
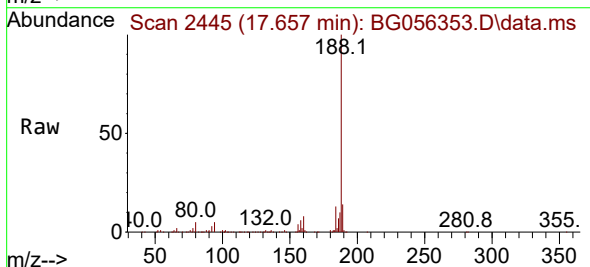
Instrument :
BNA_G
ClientSampleId :
BORING-2

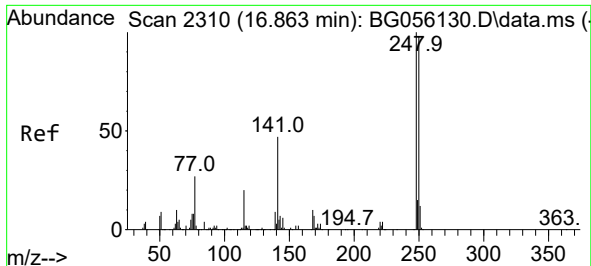
Tgt Ion:165 Resp: 13465
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.657 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion:188 Resp: 277622
Ion Ratio Lower Upper
188 100
94 4.8 4.2 6.2
80 4.9 5.0 7.4#

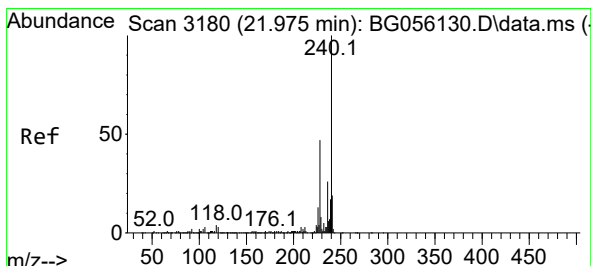
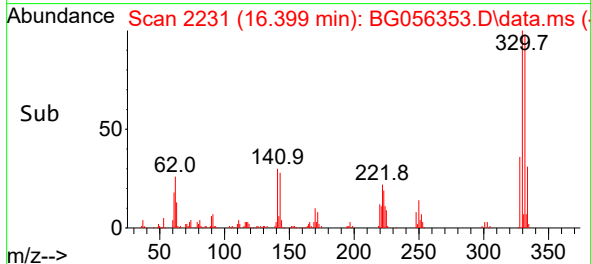
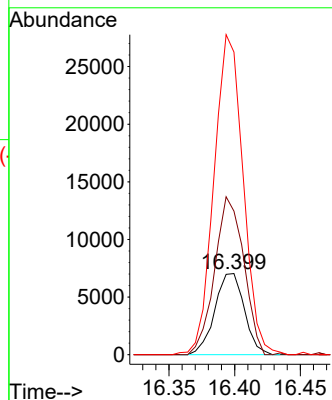
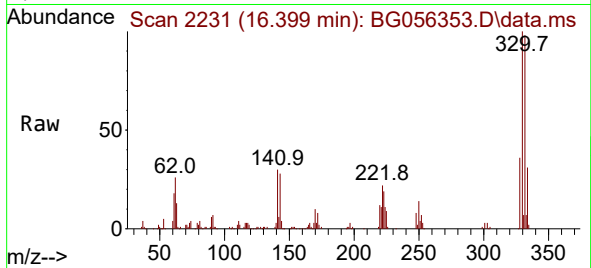




#67
4-Bromophenyl-phenylether
Concen: 3.120 ng
RT: 16.399 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

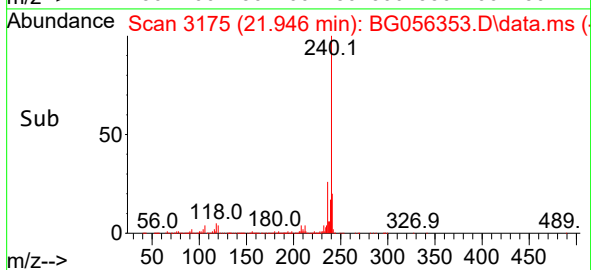
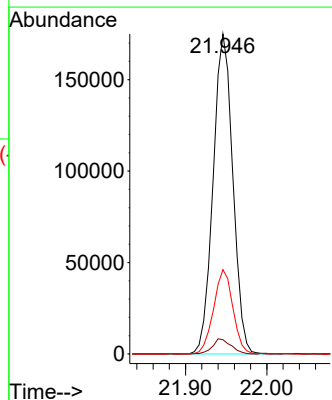
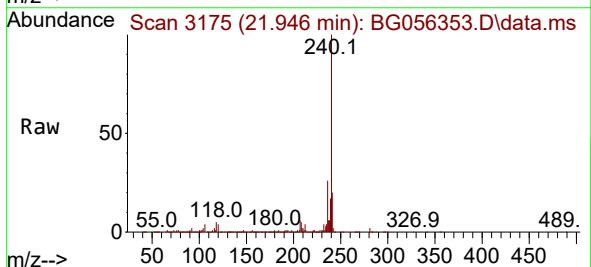
Instrument :
BNA_G
ClientSampleId :
BORING-2

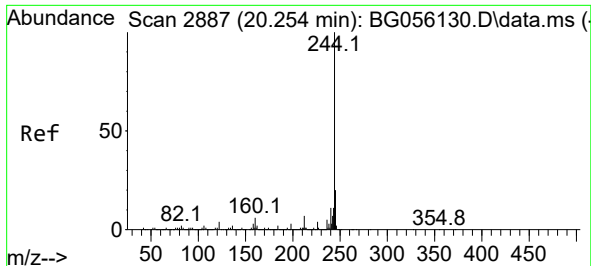
Tgt Ion:248 Resp: 11030
Ion Ratio Lower Upper
248 100
250 176.8 78.2 117.4#
141 372.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.946 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BG056353.D
Acq: 19 Jan 2023 19:06

Tgt Ion:240 Resp: 294890
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.3 20.8 31.2

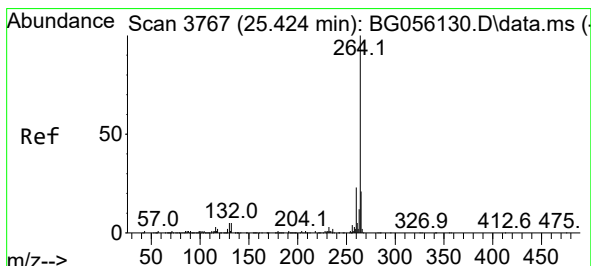
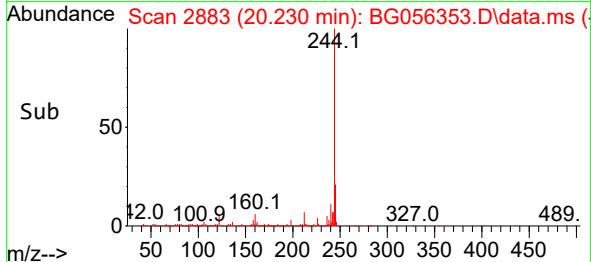
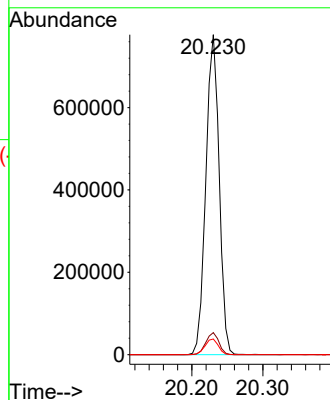
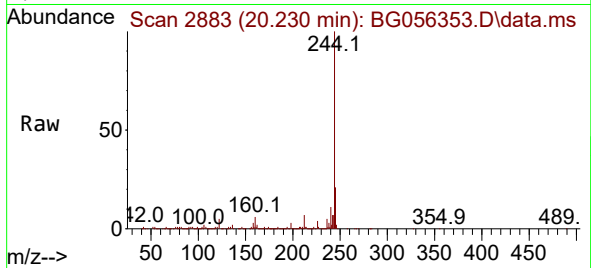




#79
 Terphenyl-d14
 Concen: 61.524 ng
 RT: 20.230 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG056353.D
 Acq: 19 Jan 2023 19:06

Instrument :
 BNA_G
 ClientSampleId :
 BORING-2

Tgt Ion:244 Resp: 1012977
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.389 min Scan# 3761
 Delta R.T. -0.003 min
 Lab File: BG056353.D
 Acq: 19 Jan 2023 19:06

Tgt Ion:264 Resp: 318085
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 22.2 16.7 25.1

