

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056389.D
 Acq On : 23 Jan 2023 18:28
 Operator : CG/JU
 Sample : 01217-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-4

Quant Time: Jan 24 01:23:26 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)

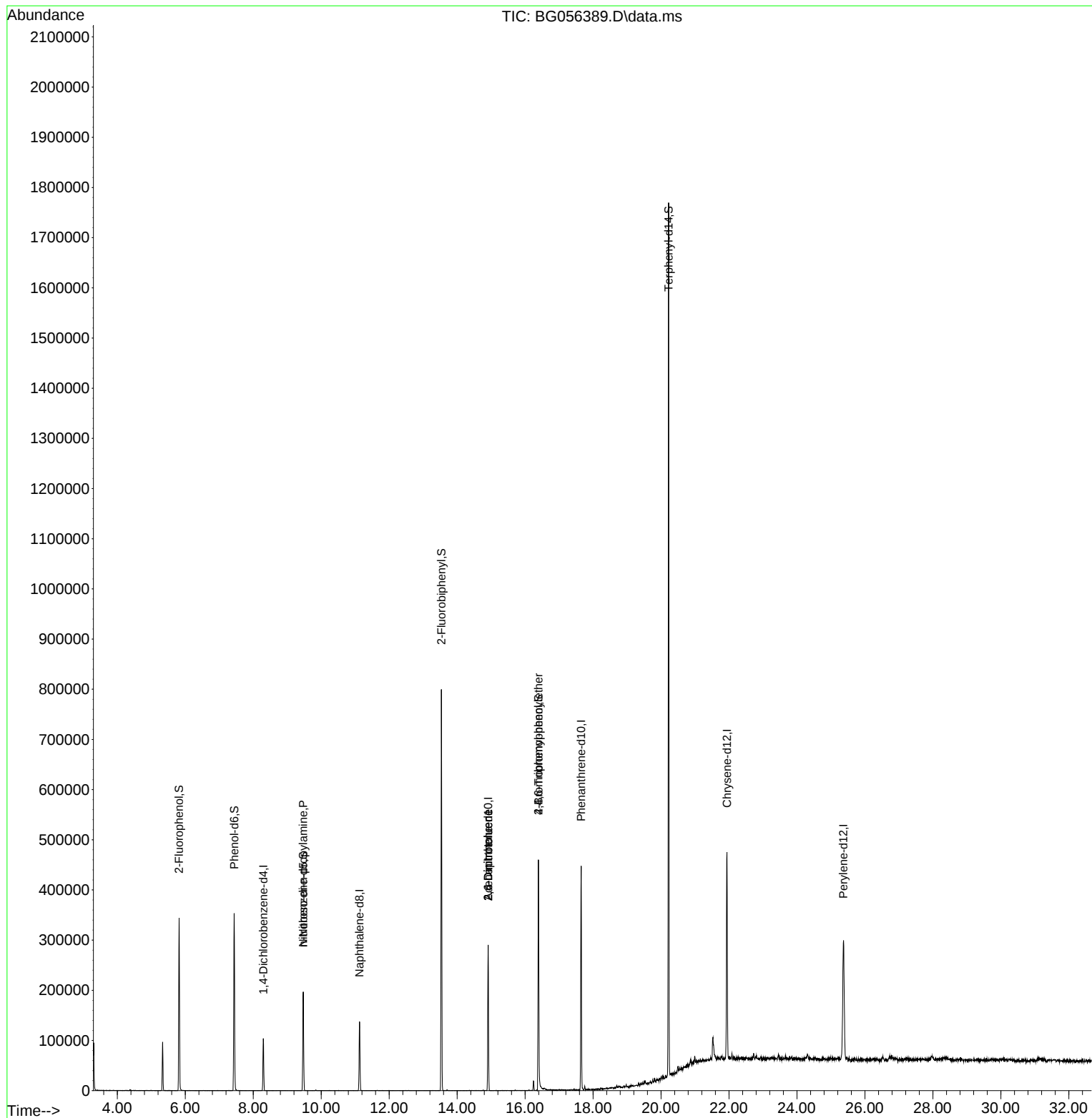
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	34168	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	131732	20.000	ng	# 0.00
39) Acenaphthene-d10	14.912	164	109815	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	299971	20.000	ng	0.00
76) Chrysene-d12	21.939	240	278881	20.000	ng	#-0.02
86) Perylene-d12	25.364	264	295603	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	199218	104.104	ng	0.00
7) Phenol-d6	7.438	99	271673	92.443	ng	0.00
23) Nitrobenzene-d5	9.471	82	143789	55.833	ng	-0.02
42) 2,4,6-Tribromophenol	16.392	330	107305	77.154	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	446447	56.140	ng	0.00
79) Terphenyl-d14	20.223	244	934021	59.985	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.471	70	17308	9.685	ng	# 74
51) 2,6-Dinitrotoluene	14.912	165	14196	7.515	ng	# 31
57) 2,4-Dinitrotoluene	14.912	165	14196	5.374	ng	# 28
67) 4-Bromophenyl-phenylether	16.392	248	8631	2.260	ng	# 1

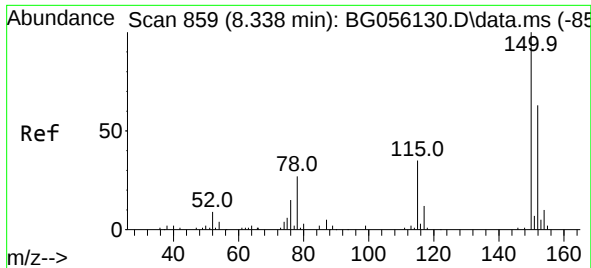
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
Data File : BG056389.D
Acq On : 23 Jan 2023 18:28
Operator : CG/JU
Sample : 01217-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BORING-4

Quant Time: Jan 24 01:23:26 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

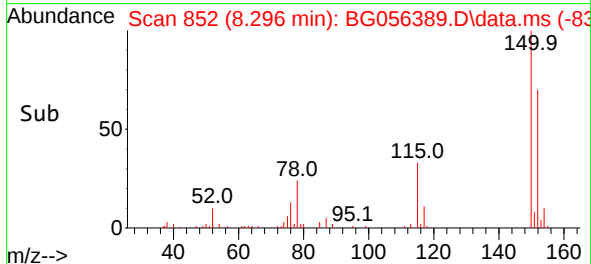
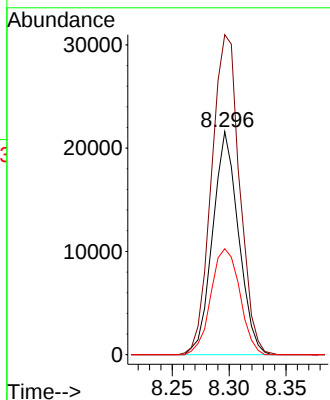
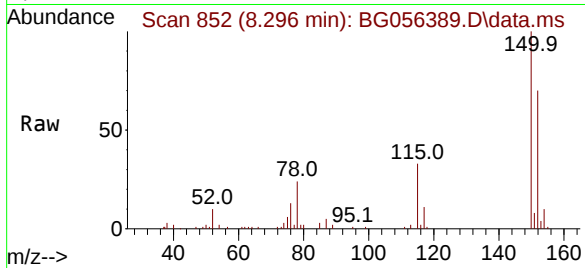




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

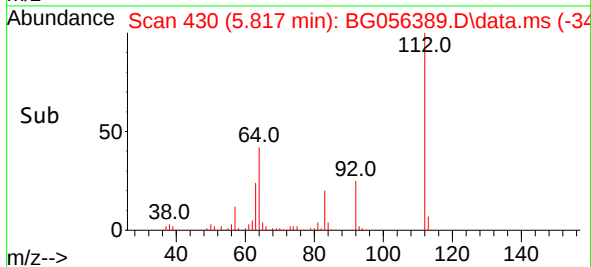
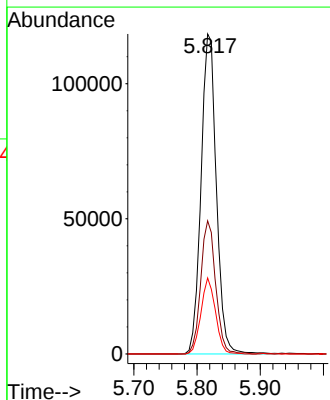
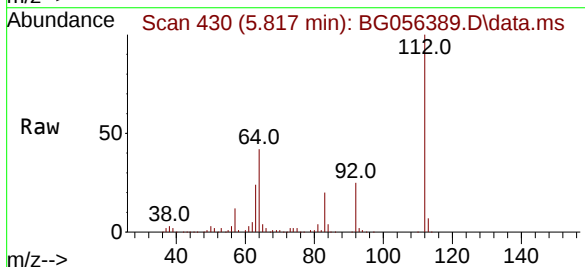
Instrument :
BNA_G
ClientSampleId :
BORING-4

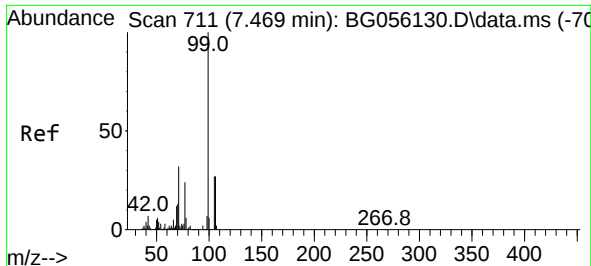
Tgt Ion:152 Resp: 34168
Ion Ratio Lower Upper
152 100
150 143.4 127.9 191.9
115 47.5 44.2 66.2



#5
2-Fluorophenol
Concen: 104.104 ng
RT: 5.817 min Scan# 430
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

Tgt Ion:112 Resp: 199218
Ion Ratio Lower Upper
112 100
64 41.6 33.3 49.9
63 23.8 19.0 28.4

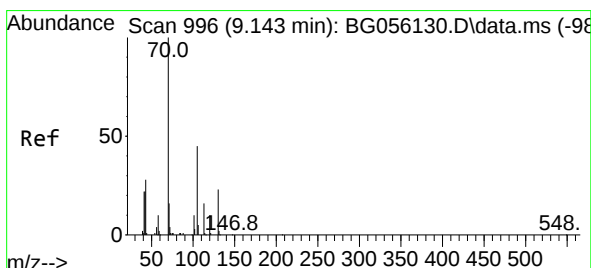
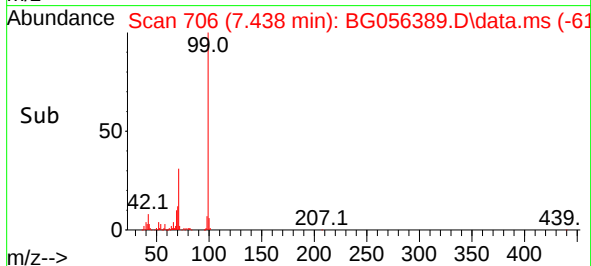
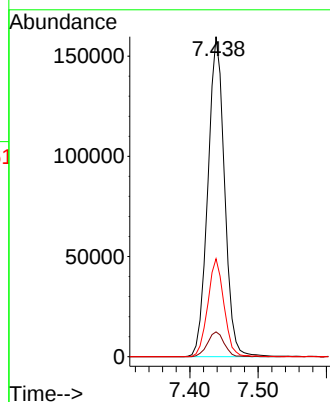
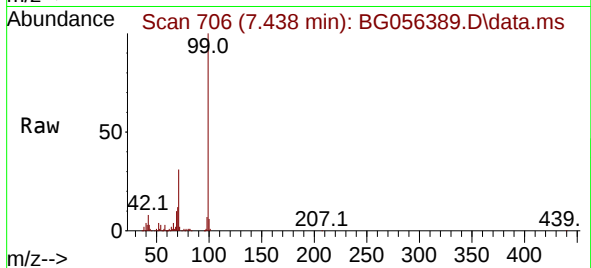




#7
Phenol-d6
Concen: 92.443 ng
RT: 7.438 min Scan# 706
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

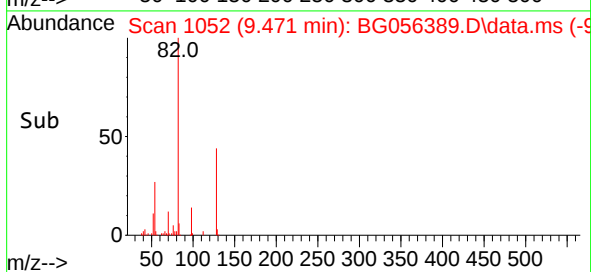
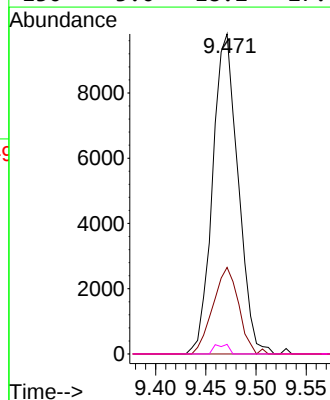
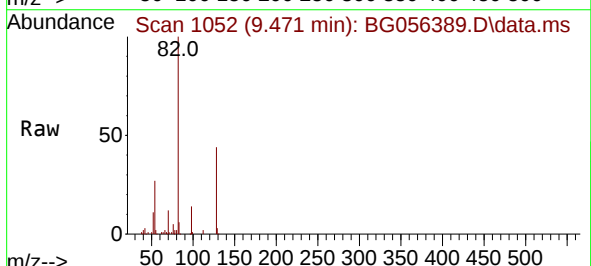
Instrument :
BNA_G
ClientSampleId :
BORING-4

Tgt Ion: 99 Resp: 271673
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 30.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.685 ng
RT: 9.471 min Scan# 1052
Delta R.T. 0.360 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

Tgt Ion: 70 Resp: 17308
Ion Ratio Lower Upper
70 100
42 27.1 18.2 27.2
101 0.0 8.3 12.5#
130 3.0 18.2 27.4#

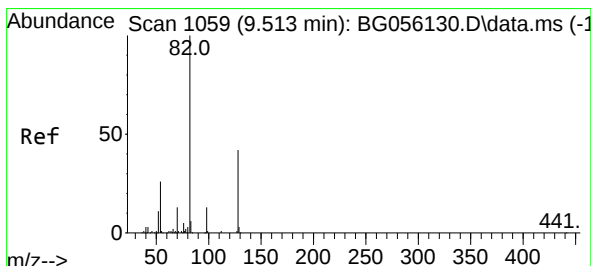
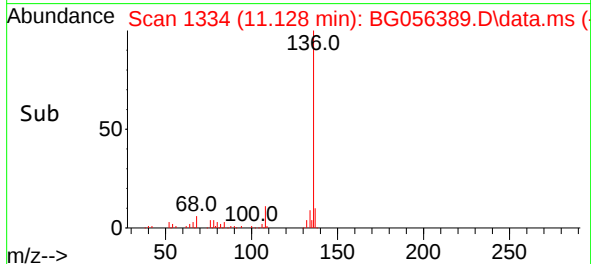
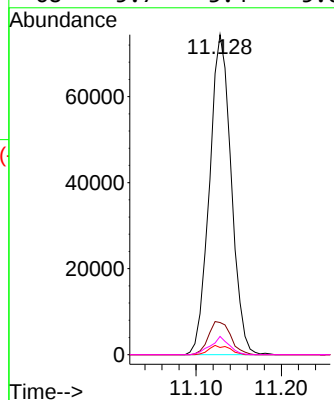
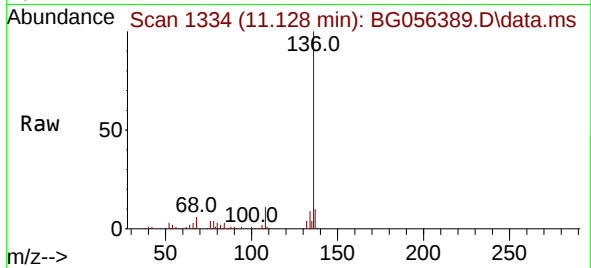




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

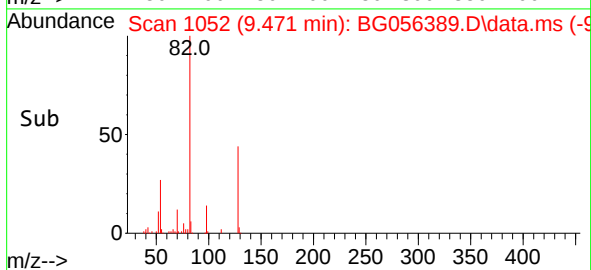
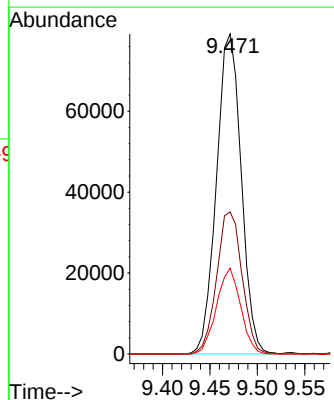
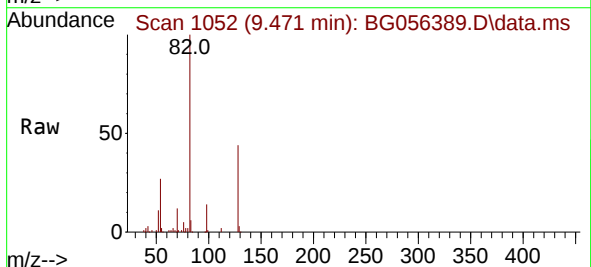
Instrument :
BNA_G
ClientSampleId :
BORING-4

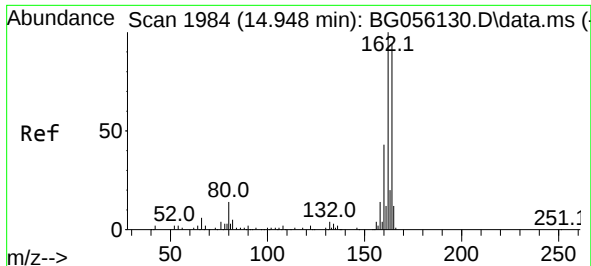
Tgt Ion:136 Resp: 131732
Ion Ratio Lower Upper
136 100
137 10.0 9.4 14.0
54 2.3 2.2 3.2
68 5.7 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 55.833 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.016 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

Tgt Ion: 82 Resp: 143789
Ion Ratio Lower Upper
82 100
128 44.4 33.4 50.2
54 26.8 20.3 30.5

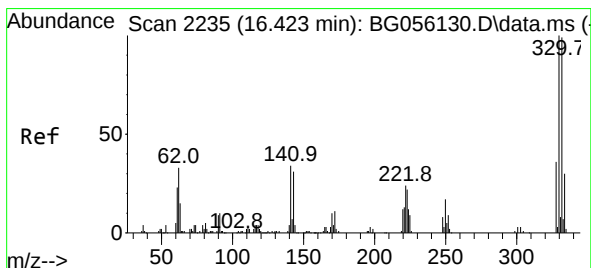
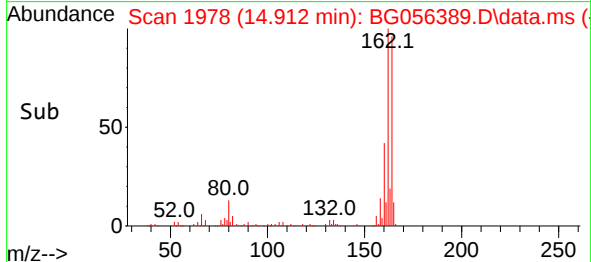
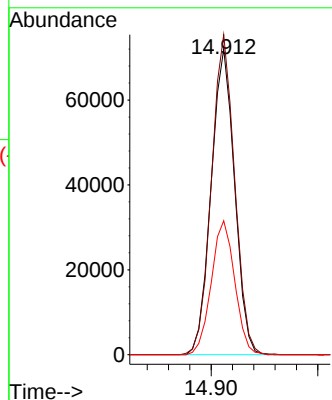
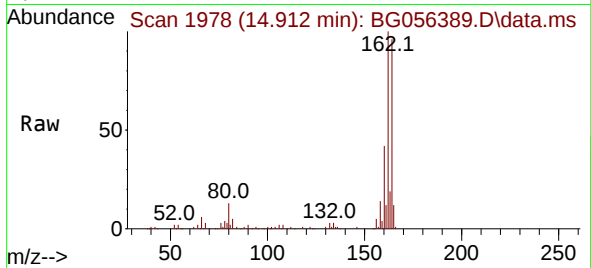




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1984
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

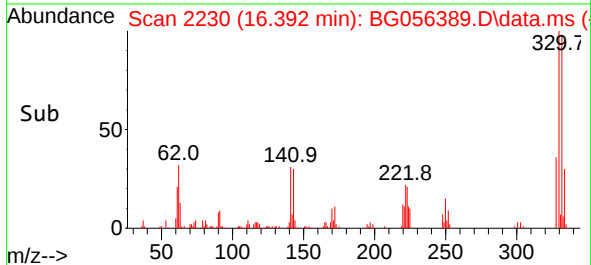
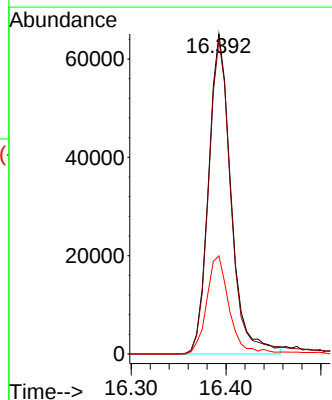
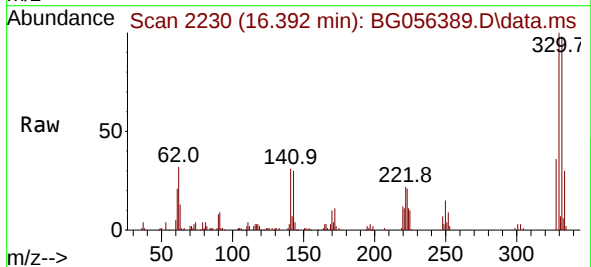
Instrument :
BNA_G
ClientSampleId :
BORING-4

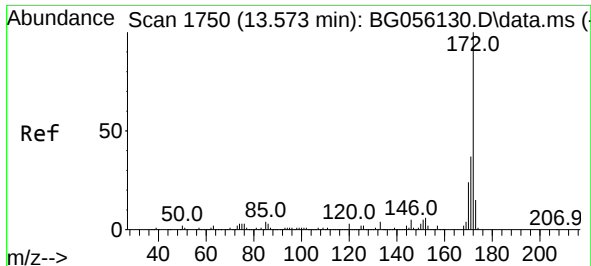
Tgt Ion:164 Resp: 109815
Ion Ratio Lower Upper
164 100
162 104.6 84.7 127.1
160 43.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 77.154 ng
RT: 16.392 min Scan# 2230
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

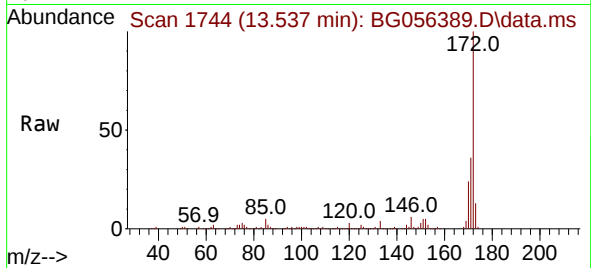
Tgt Ion:330 Resp: 107305
Ion Ratio Lower Upper
330 100
332 99.9 77.3 115.9
141 30.7 27.9 41.9



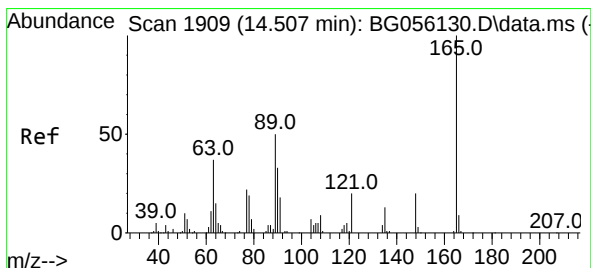
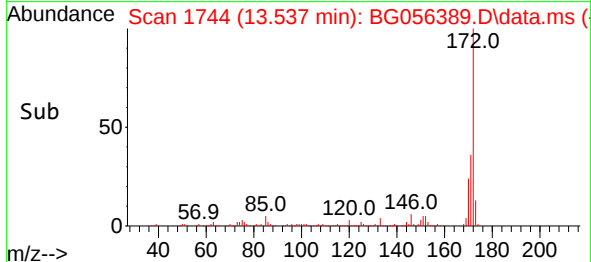
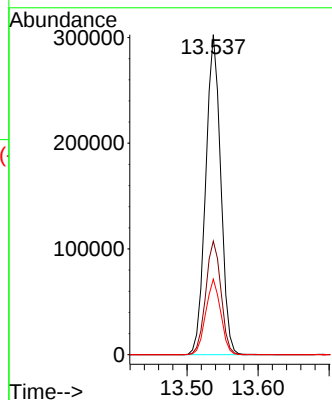


#45
2-Fluorobiphenyl
Concen: 56.140 ng
RT: 13.537 min Scan# 1744
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

Instrument :
BNA_G
ClientSampleId :
BORING-4

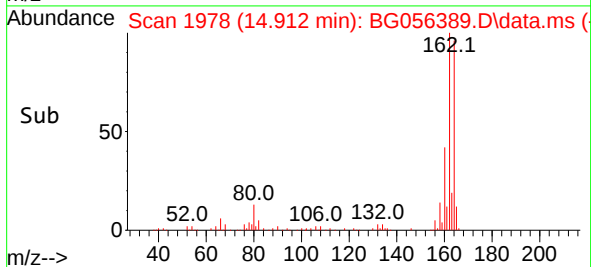
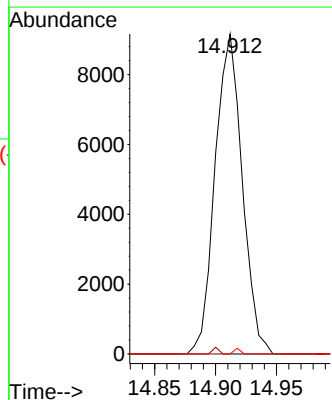
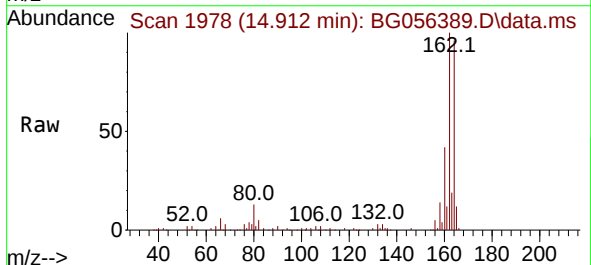


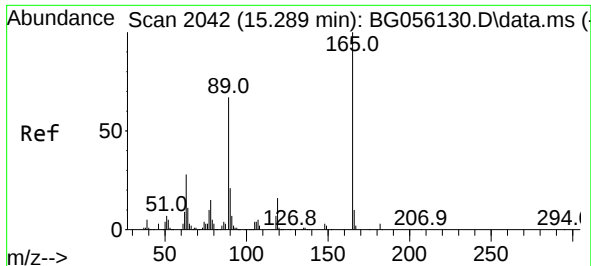
Tgt Ion:172 Resp: 446447
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.6 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.515 ng
RT: 14.912 min Scan# 1978
Delta R.T. 0.425 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

Tgt Ion:165 Resp: 14196
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

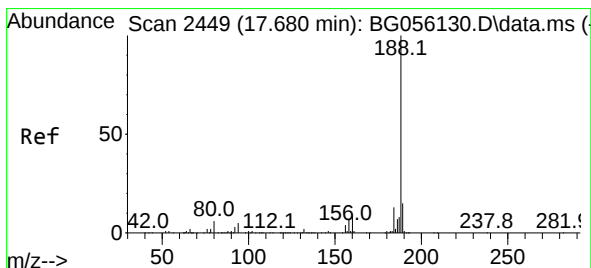
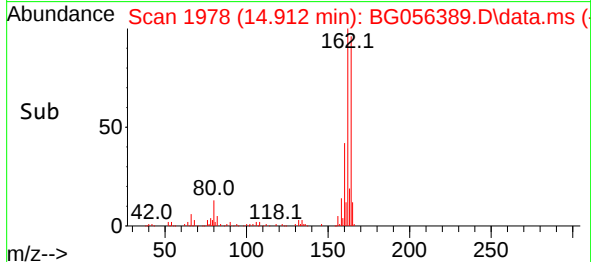
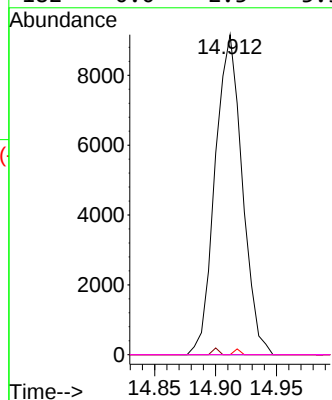
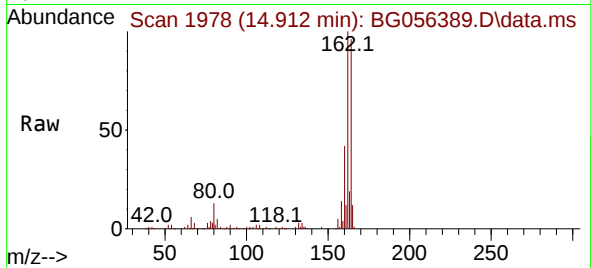




#57
2,4-Dinitrotoluene
Concen: 5.374 ng
RT: 14.912 min Scan# 14
Delta R.T. -0.362 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

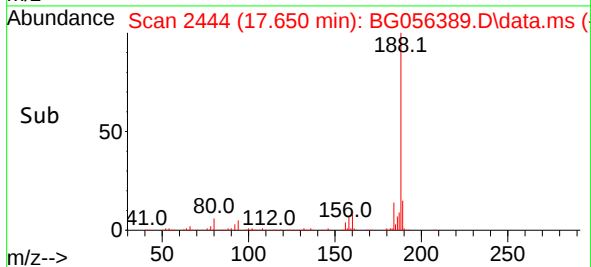
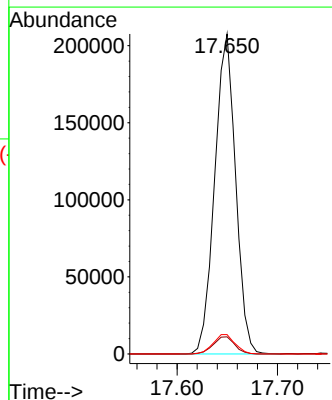
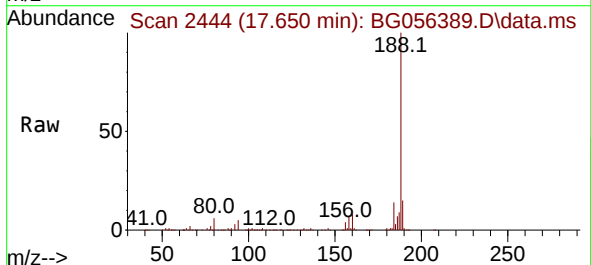
Instrument :
BNA_G
ClientSampleId :
BORING-4

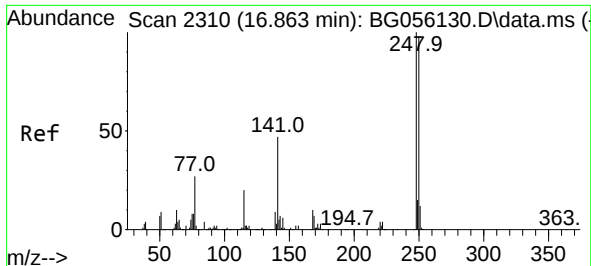
Tgt Ion:165 Resp: 14196
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.650 min Scan# 2444
Delta R.T. -0.010 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

Tgt Ion:188 Resp: 299971
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.0 5.0 7.4

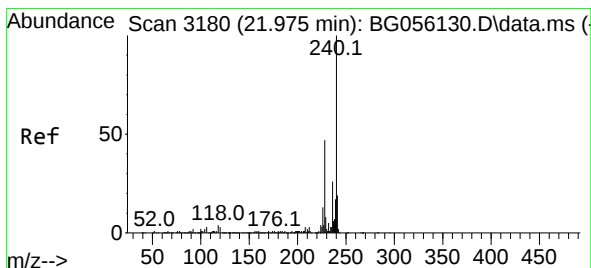
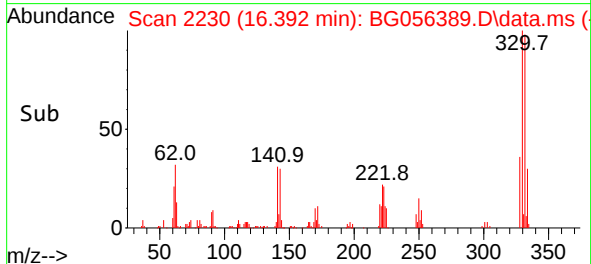
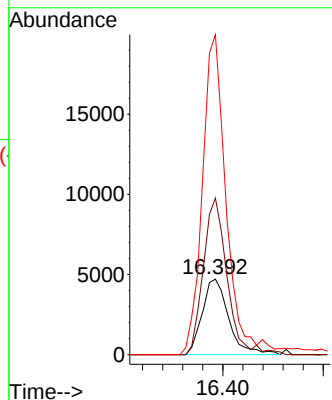
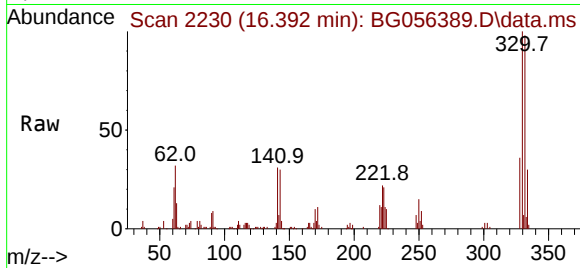




#67
4-Bromophenyl-phenylether
Concen: 2.260 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

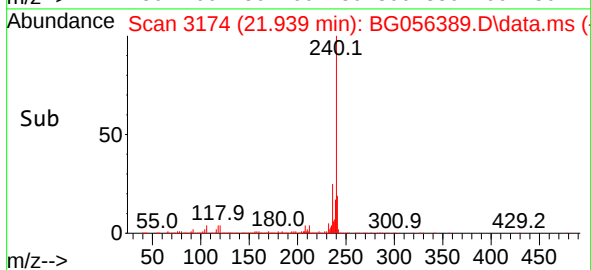
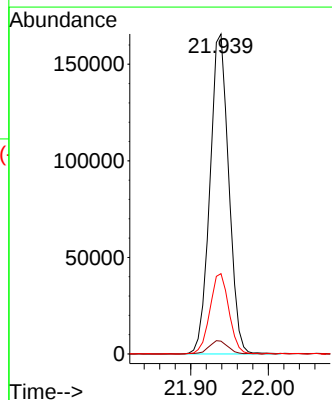
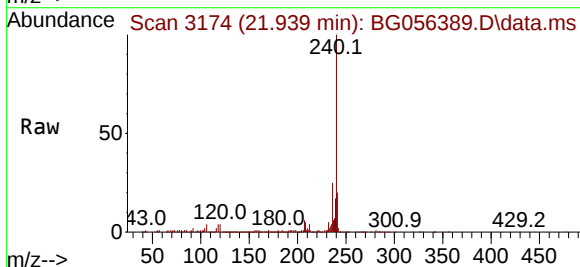
Instrument :
BNA_G
ClientSampleId :
BORING-4

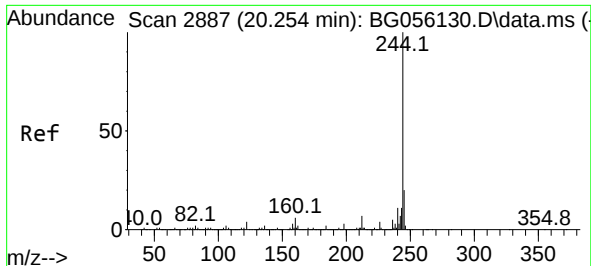
Tgt Ion:248 Resp: 8631
Ion Ratio Lower Upper
248 100
250 145.7 78.2 117.4#
141 297.7 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.016 min
Lab File: BG056389.D
Acq: 23 Jan 2023 18:28

Tgt Ion:240 Resp: 278881
Ion Ratio Lower Upper
240 100
120 4.0 2.6 4.0#
236 25.1 20.8 31.2



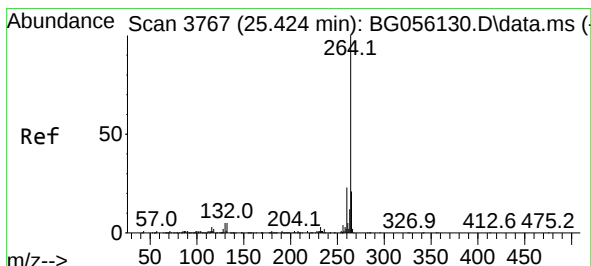
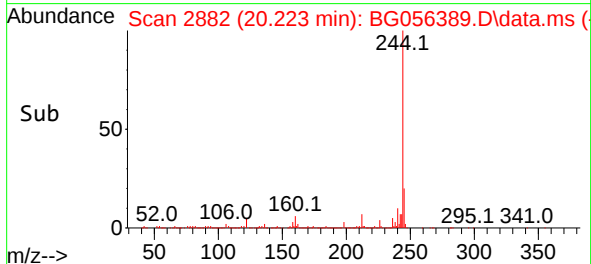
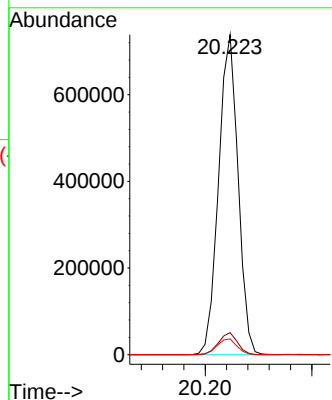
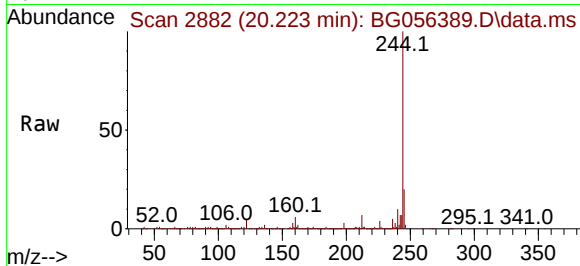


#79
 Terphenyl-d14
 Concen: 59.985 ng
 RT: 20.223 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG056389.D
 Acq: 23 Jan 2023 18:28

Instrument :
 BNA_G
 ClientSampleId :
 BORING-4

Tgt Ion:244 Resp: 934021

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	5.0	3.5	5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.364 min Scan# 3757
 Delta R.T. -0.027 min
 Lab File: BG056389.D
 Acq: 23 Jan 2023 18:28

Tgt Ion:264 Resp: 295603

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	28.0
265	22.0	16.7	25.1

