

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053383.D
 Acq On : 29 Apr 2022 18:58
 Operator : CG/JU
 Sample : N2616-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-20D

Quant Time: May 02 01:03:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

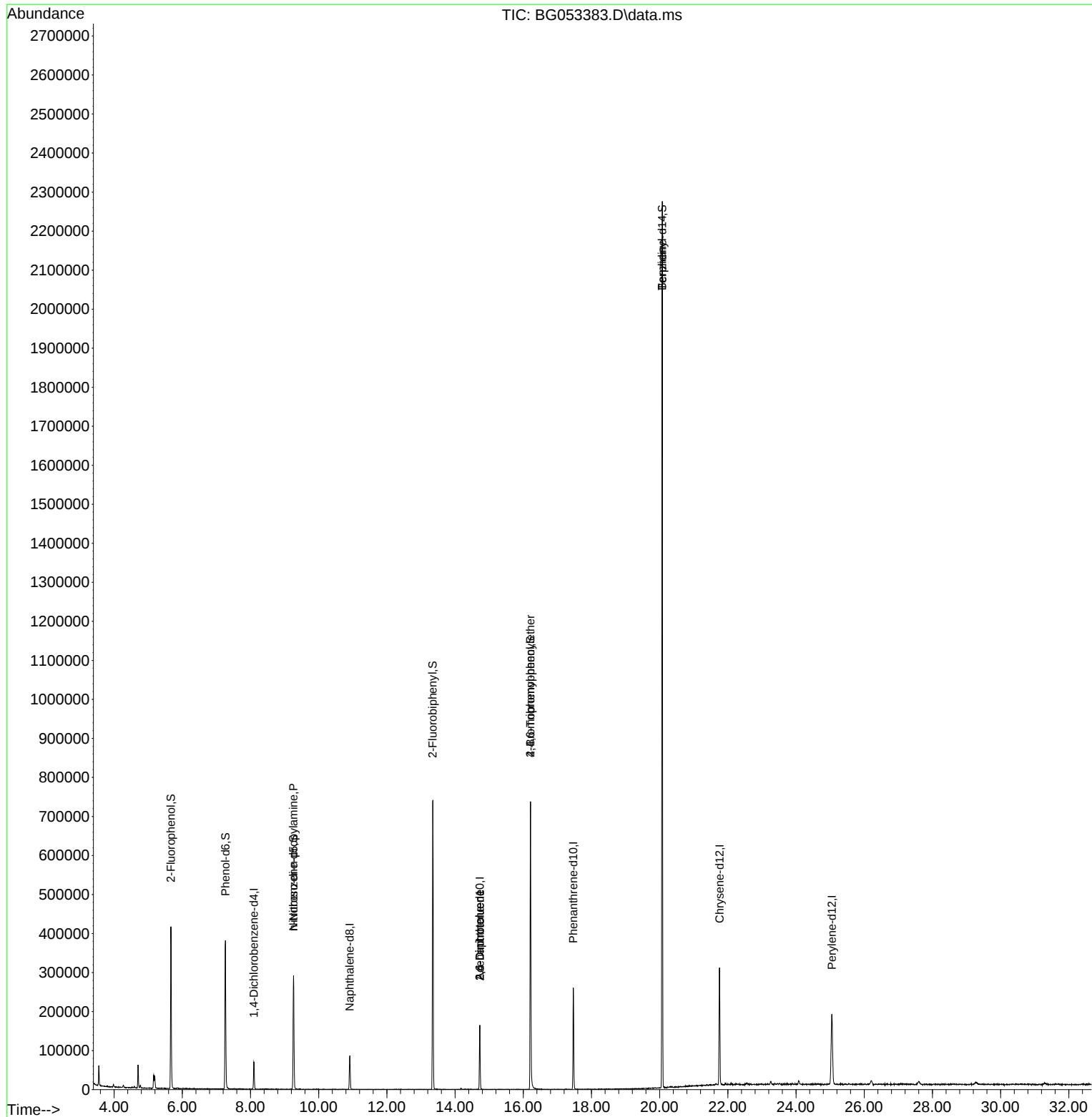
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	19487	20.000	ng	#-0.01
21) Naphthalene-d8	10.913	136	75137	20.000	ng	0.00
39) Acenaphthene-d10	14.726	164	58161	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	169906	20.000	ng	-0.01
76) Chrysene-d12	21.757	240	208824	20.000	ng	0.00
86) Perylene-d12	25.053	264	210760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	169609	149.197	ng	0.00
7) Phenol-d6	7.265	99	218341	124.547	ng	0.00
23) Nitrobenzene-d5	9.262	82	188393	101.806	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	159781	172.677	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	414432	98.255	ng	-0.01
79) Terphenyl-d14	20.077	244	1165612	94.271	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	26657	20.770	ng	# 78
51) 2,6-Dinitrotoluene	14.726	165	7602	7.833	ng	# 24
57) 2,4-Dinitrotoluene	14.726	165	7602	5.502	ng	# 22
67) 4-Bromophenyl-phenylether	16.212	248	10181	4.676	ng	# 1
77) Benzidine	20.077	184	19548	3.281	ng	# 88

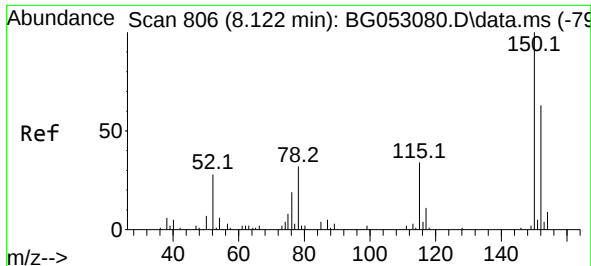
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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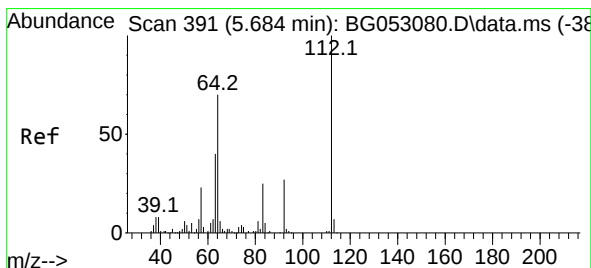
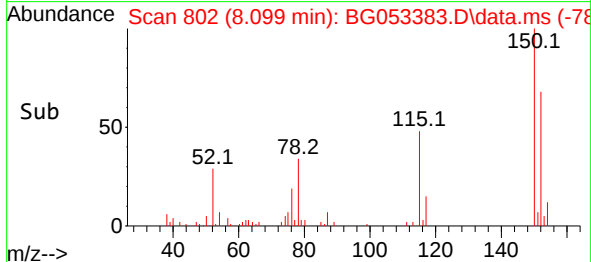
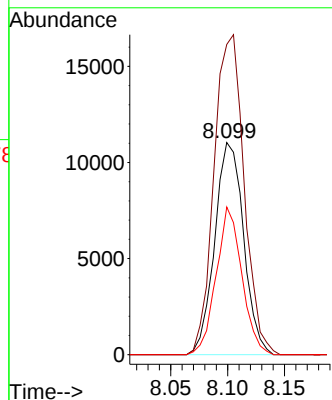
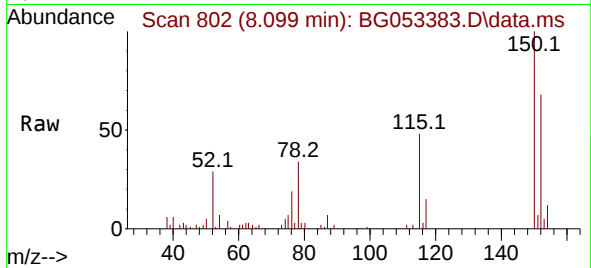




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 806
Delta R.T. -0.014 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

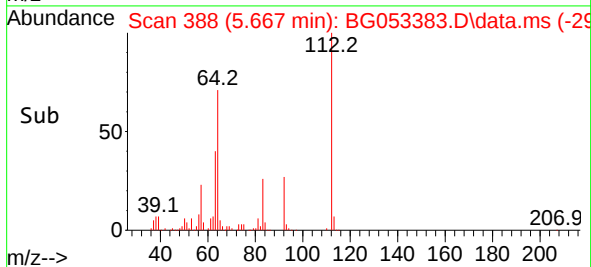
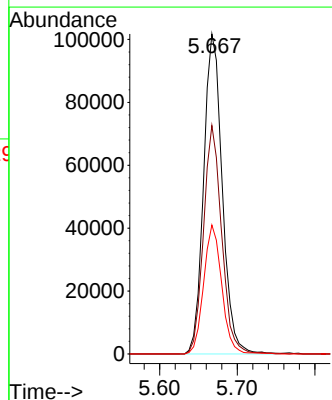
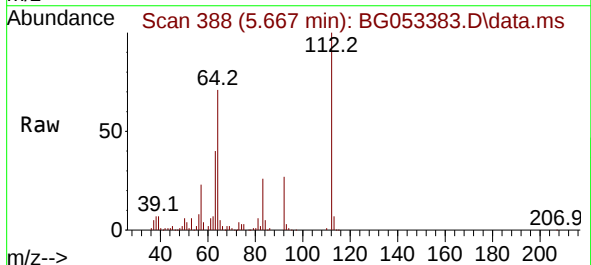
Instrument :
BNA_G
ClientSampleId :
MH-20D

Tgt Ion:152 Resp: 19487
Ion Ratio Lower Upper
152 100
150 146.3 114.6 172.0
115 69.6 45.9 68.9#



#5
2-Fluorophenol
Concen: 149.197 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

Tgt Ion:112 Resp: 169609
Ion Ratio Lower Upper
112 100
64 71.4 48.0 72.0
63 40.3 26.5 39.7#

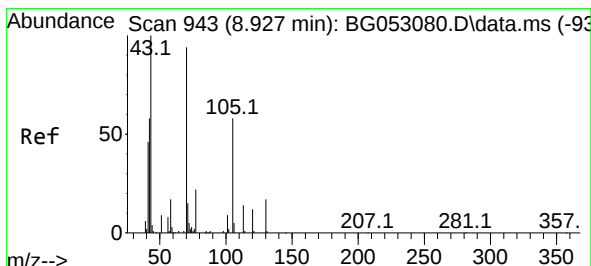
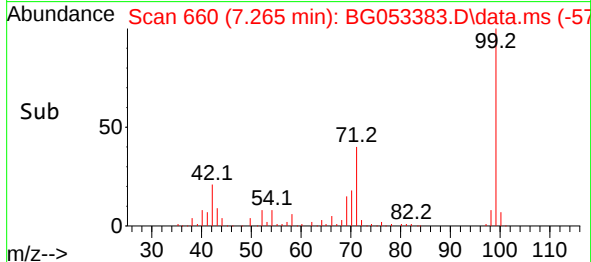
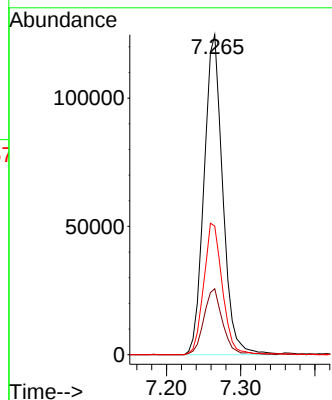
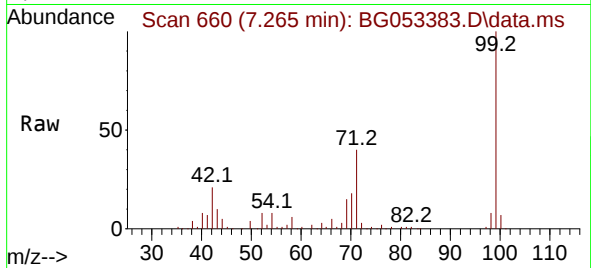




#7
Phenol-d6
Concen: 124.547 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

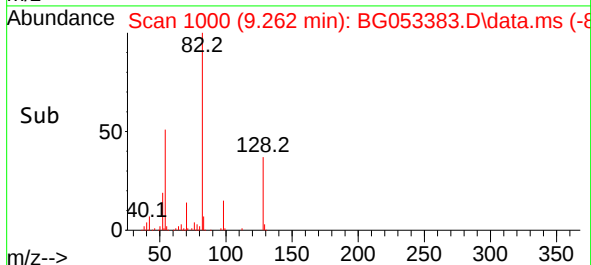
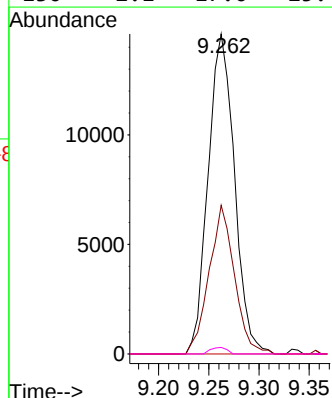
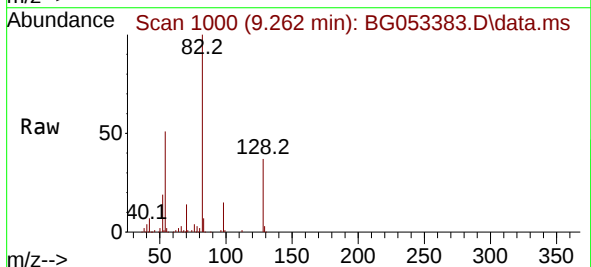
Instrument :
BNA_G
ClientSampleId :
MH-20D

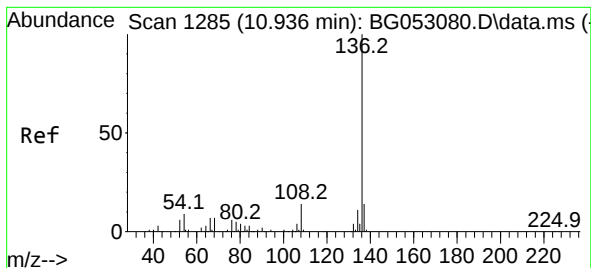
Tgt Ion: 99 Resp: 218341
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 40.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.770 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

Tgt Ion: 70 Resp: 26657
Ion Ratio Lower Upper
70 100
42 46.4 46.0 69.0
101 0.0 6.2 9.4#
130 2.1 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.913 min Scan# 1000

Delta R.T. -0.008 min

Lab File: BG053383.D

Acq: 29 Apr 2022 18:58

Instrument :

BNA_G

ClientSampleId :

MH-20D

Tgt Ion:136 Resp: 75137

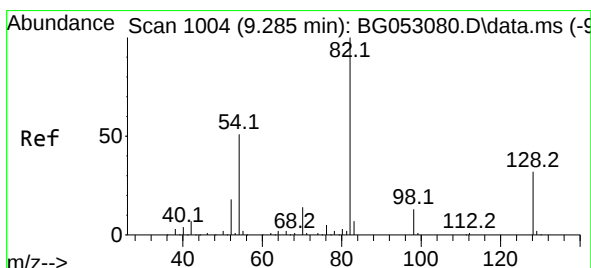
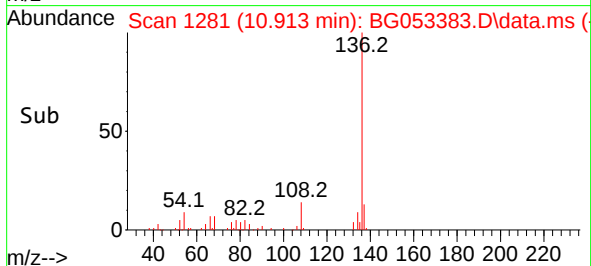
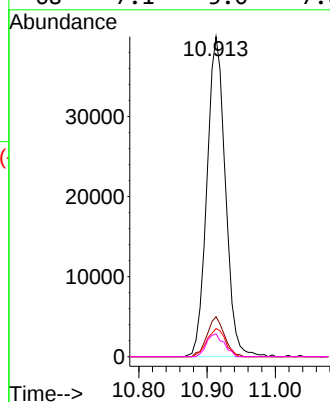
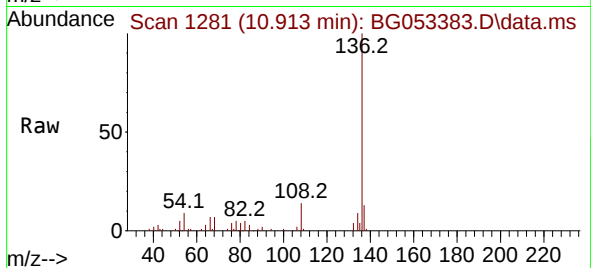
Ion Ratio Lower Upper

136 100

137 12.5 9.4 14.2

54 8.8 6.4 9.6

68 7.1 5.0 7.6



#23

Nitrobenzene-d5

Concen: 101.806 ng

RT: 9.262 min Scan# 1000

Delta R.T. -0.014 min

Lab File: BG053383.D

Acq: 29 Apr 2022 18:58

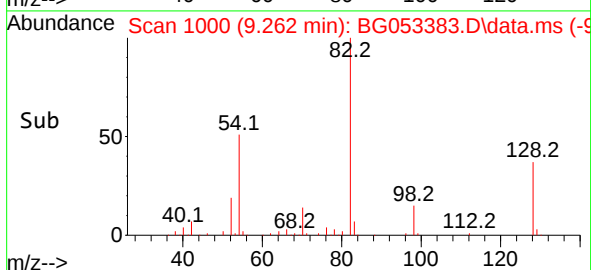
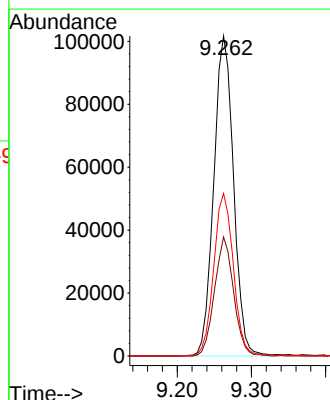
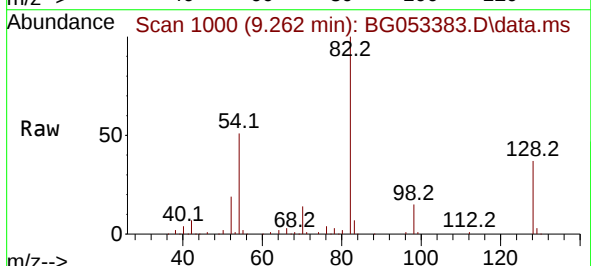
Tgt Ion: 82 Resp: 188393

Ion Ratio Lower Upper

82 100

128 37.2 31.3 46.9

54 50.8 37.8 56.8

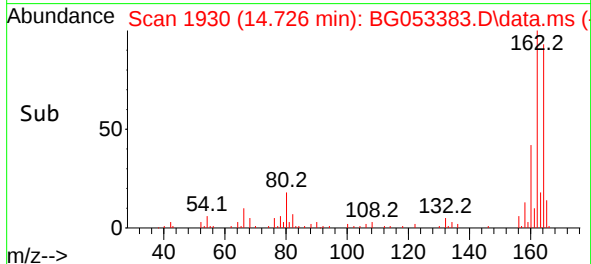
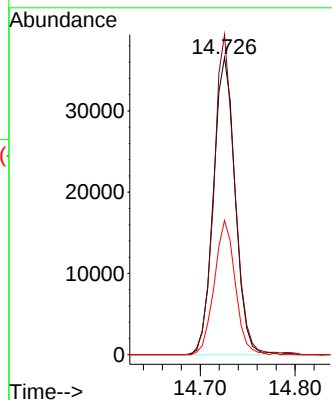
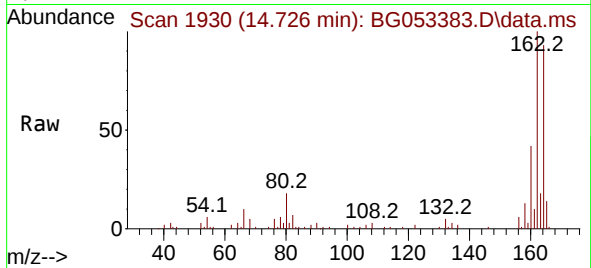




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

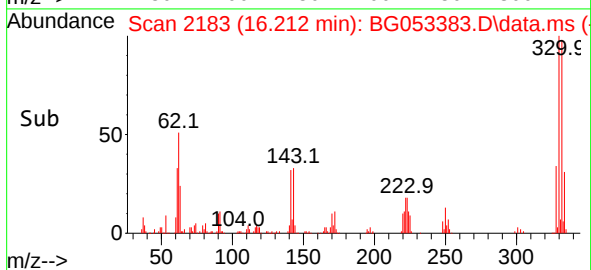
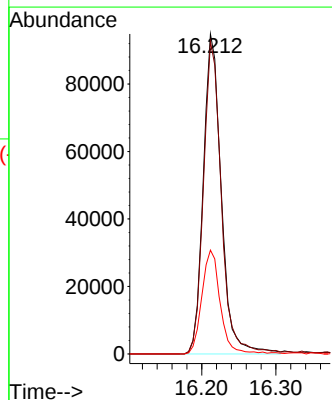
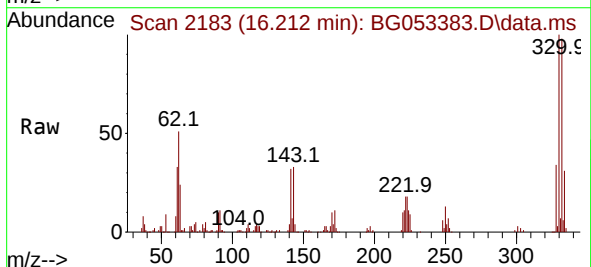
Instrument :
BNA_G
ClientSampleId :
MH-20D

Tgt Ion:164 Resp: 58161
Ion Ratio Lower Upper
164 100
162 107.7 80.0 120.0
160 45.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 172.677 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

Tgt Ion:330 Resp: 159781
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 33.2 24.6 36.8

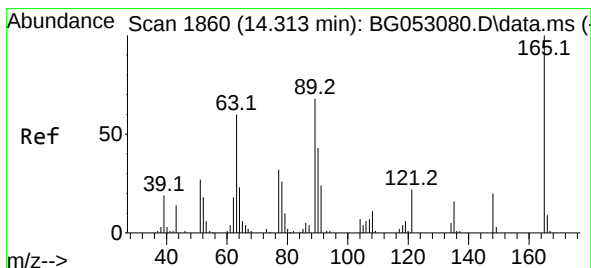
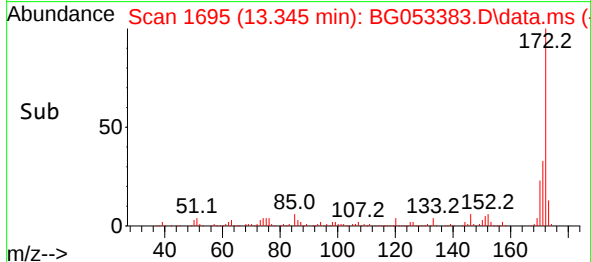
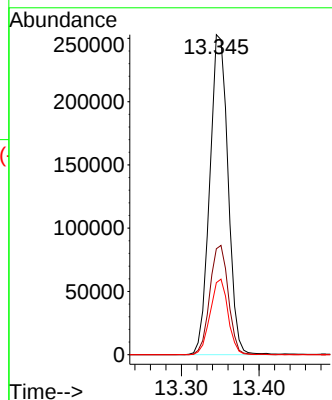
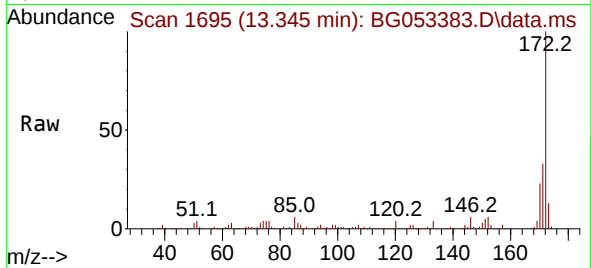




#45
2-Fluorobiphenyl
Concen: 98.255 ng
RT: 13.345 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

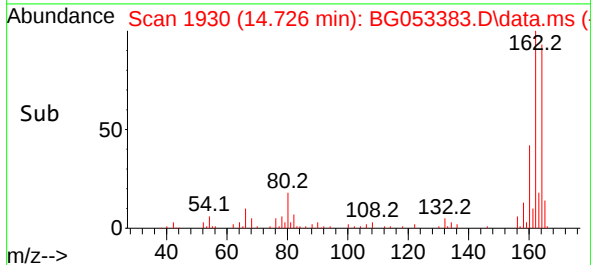
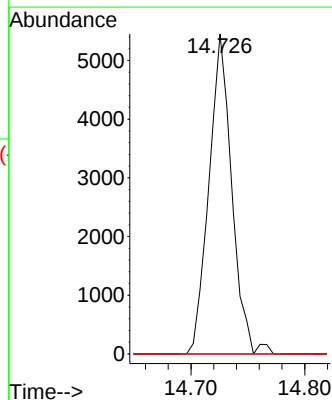
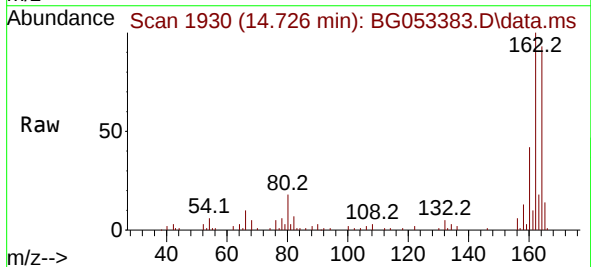
Instrument :
BNA_G
ClientSampleId :
MH-20D

Tgt Ion:172 Resp: 414432
Ion Ratio Lower Upper
172 100
171 33.1 28.3 42.5
170 22.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.833 ng
RT: 14.726 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

Tgt Ion:165 Resp: 7602
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.502 ng

RT: 14.726 min Scan# 1994

Delta R.T. -0.367 min

Lab File: BG053383.D

Acq: 29 Apr 2022 18:58

Instrument :

BNA_G

ClientSampleId :

MH-20D

Tgt Ion:165 Resp: 7602

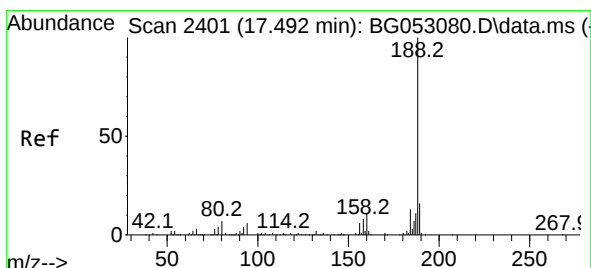
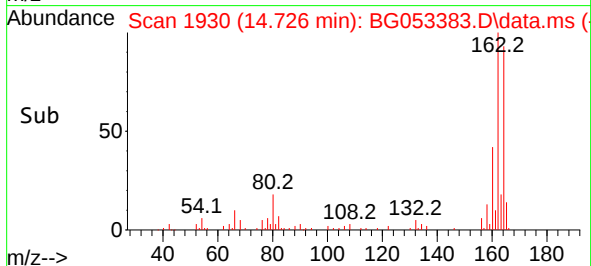
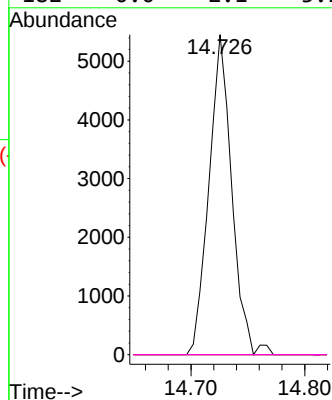
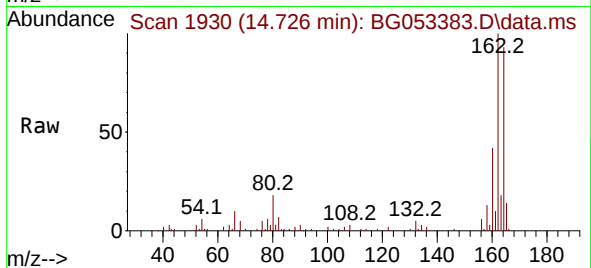
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.469 min Scan# 2397

Delta R.T. -0.014 min

Lab File: BG053383.D

Acq: 29 Apr 2022 18:58

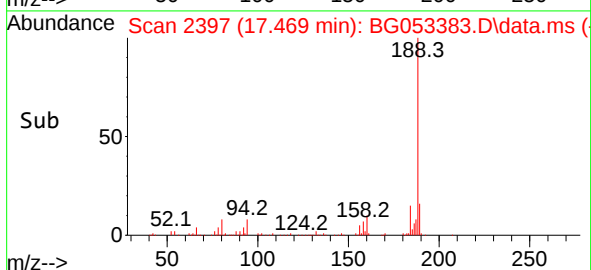
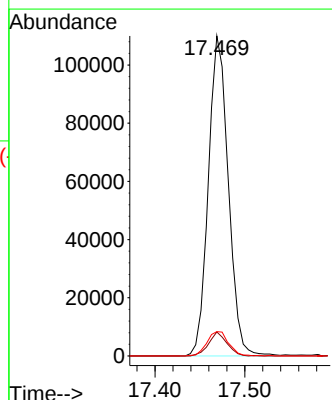
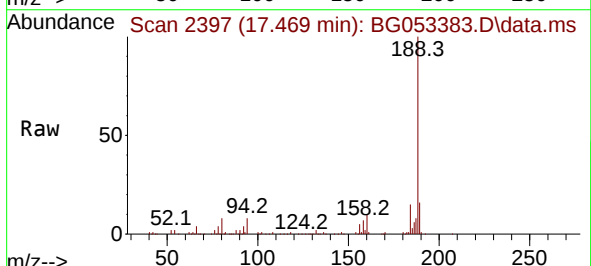
Tgt Ion:188 Resp: 169906

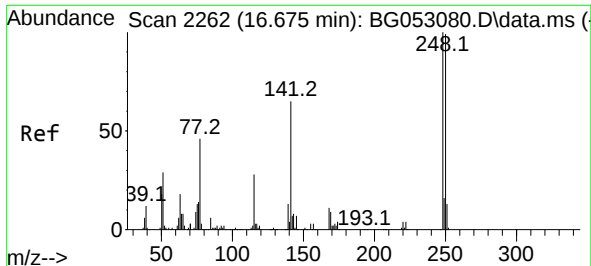
Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

80 7.6 7.2 10.8

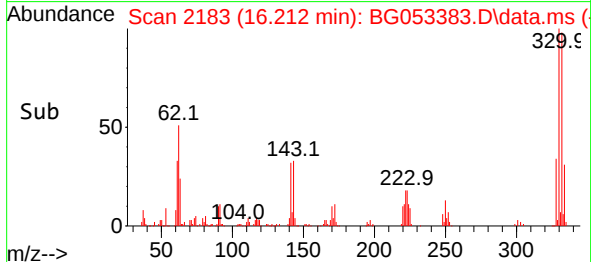
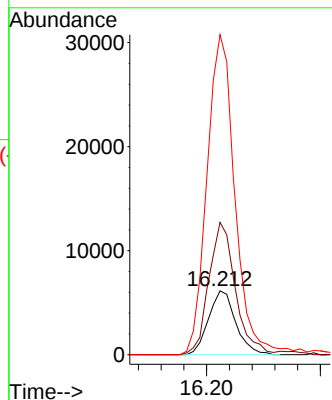
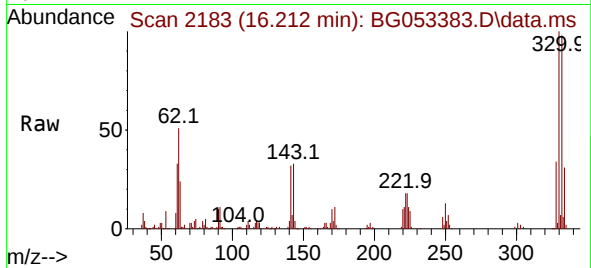




#67
4-Bromophenyl-phenylether
Concen: 4.676 ng
RT: 16.212 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

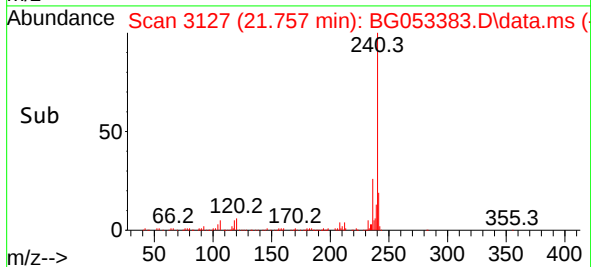
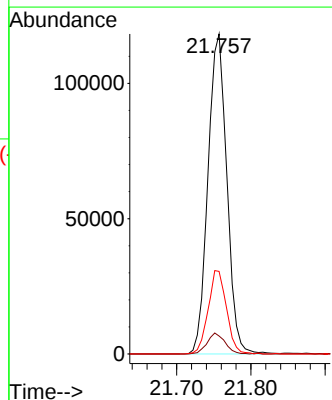
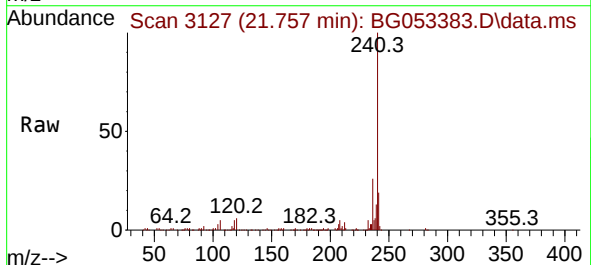
Instrument :
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MH-20D

Tgt Ion:248 Resp: 10181
Ion Ratio Lower Upper
248 100
250 207.0 77.9 116.9#
141 500.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

Tgt Ion:240 Resp: 208824
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 25.8 19.8 29.6

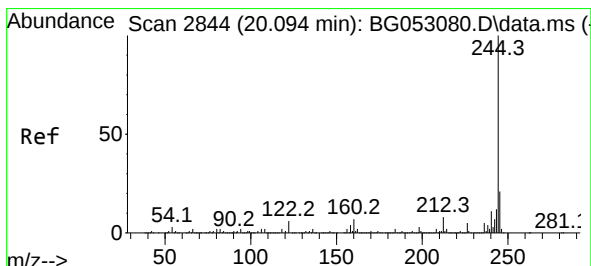
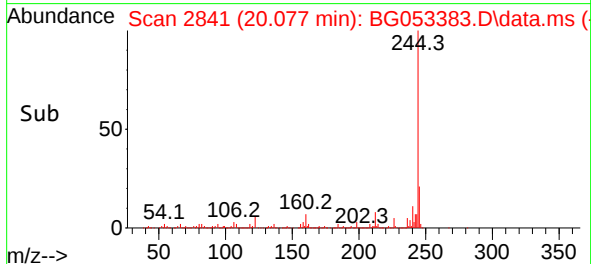
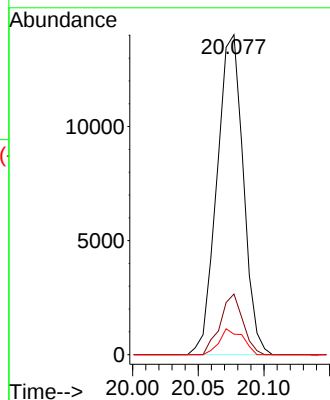
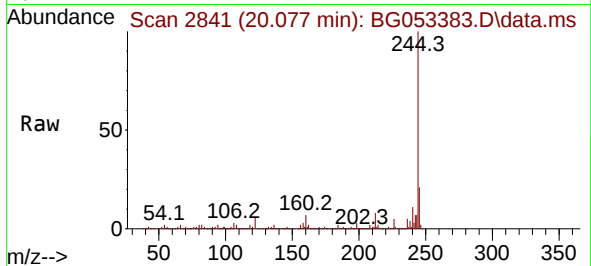




#77
Benzidine
Concen: 3.281 ng
RT: 20.077 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

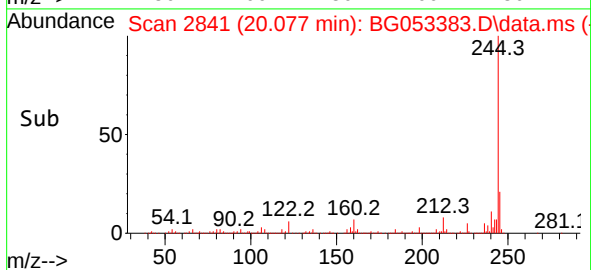
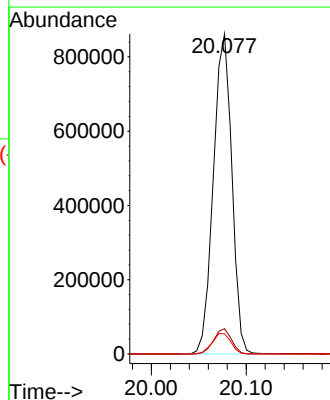
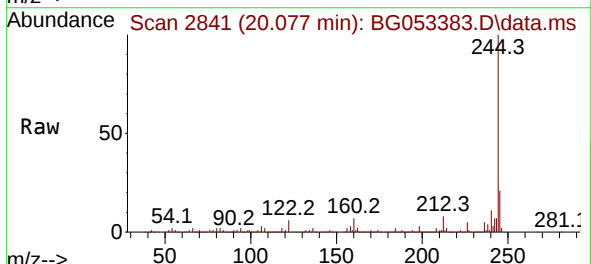
Instrument :
BNA_G
ClientSampleId :
MH-20D

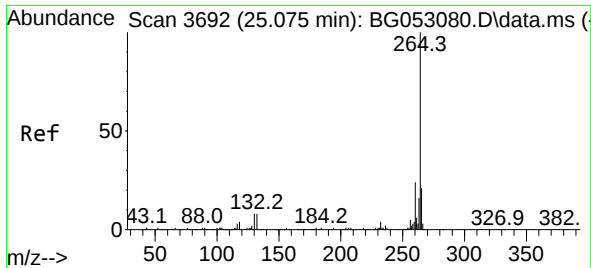
Tgt Ion:184 Resp: 19548
Ion Ratio Lower Upper
184 100
185 18.9 11.5 17.3#
183 6.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 94.271 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.008 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

Tgt Ion:244 Resp: 1165612
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.3 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG053383.D
Acq: 29 Apr 2022 18:58

Instrument :
BNA_G
ClientSampleId :
MH-20D

Tgt Ion:264 Resp: 210760

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.2	27.2
265	19.3	15.1	22.7

