

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053386.D
 Acq On : 29 Apr 2022 20:54
 Operator : CG/JU
 Sample : N2609-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: May 02 01:04:00 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)

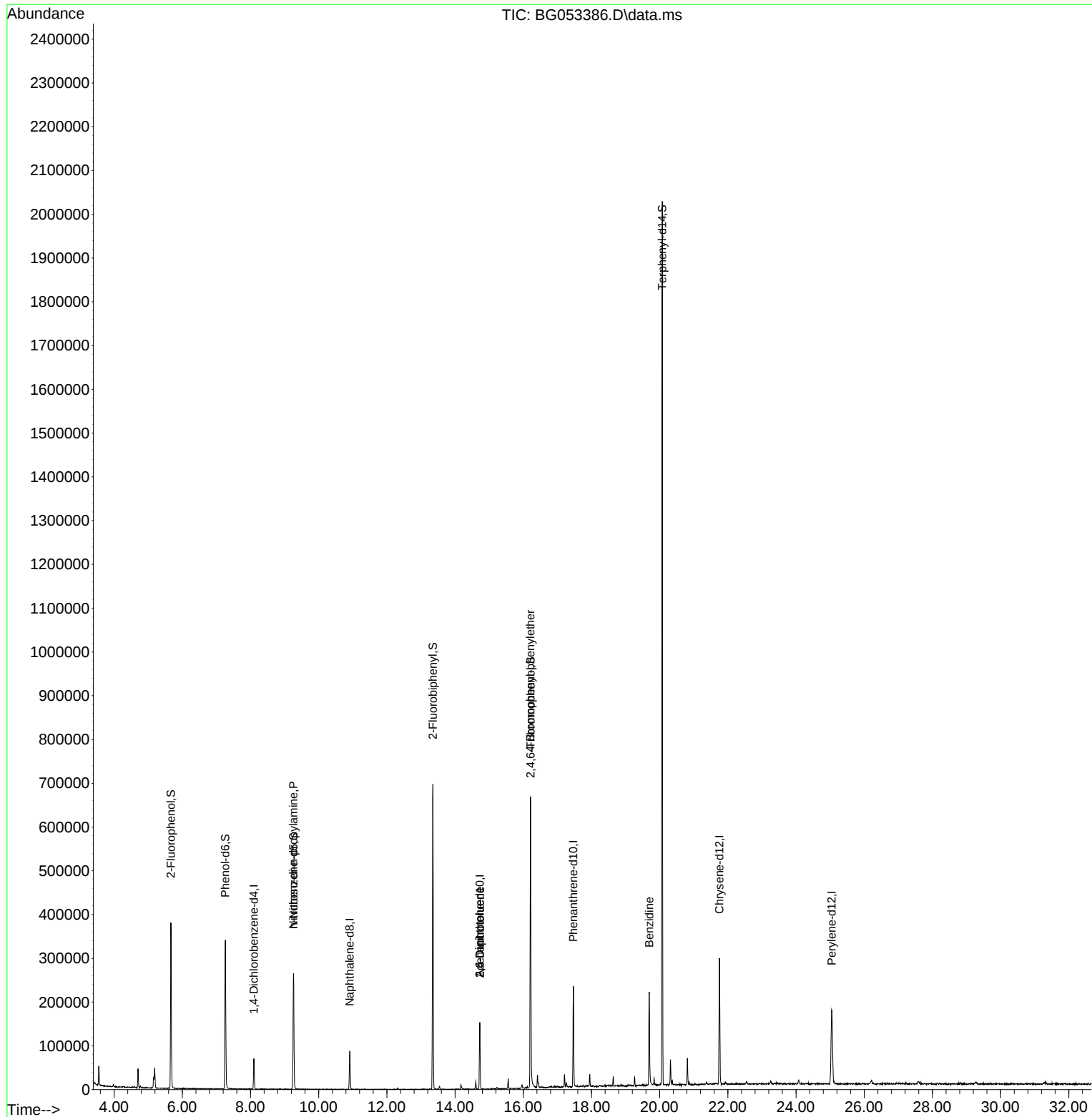
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	18531	20.000	ng	#-0.01
21) Naphthalene-d8	10.913	136	70503	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	54970	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	149706	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	191637	20.000	ng	-0.01
86) Perylene-d12	25.047	264	202502	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	155328	143.684	ng	0.00
7) Phenol-d6	7.259	99	205333	123.170	ng	-0.01
23) Nitrobenzene-d5	9.262	82	171451	98.740	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	142169	162.562	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	375865	94.285	ng	0.00
79) Terphenyl-d14	20.077	244	982858	86.620	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	24514	20.086	ng	# 76
51) 2,6-Dinitrotoluene	14.725	165	7300	7.959	ng	# 27
57) 2,4-Dinitrotoluene	14.725	165	7300	5.590	ng	# 26
67) 4-Bromophenyl-phenylether	16.211	248	9038	4.712	ng	# 1
77) Benzidine	19.695	184	146001	26.702	ng	96

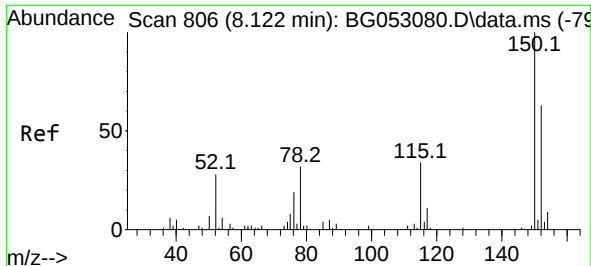
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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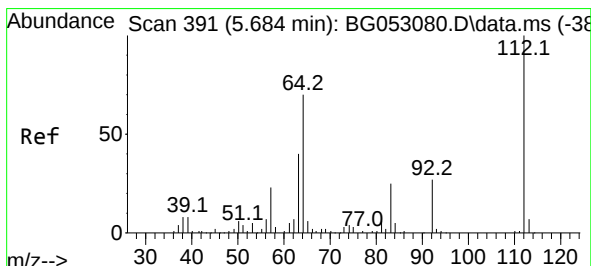
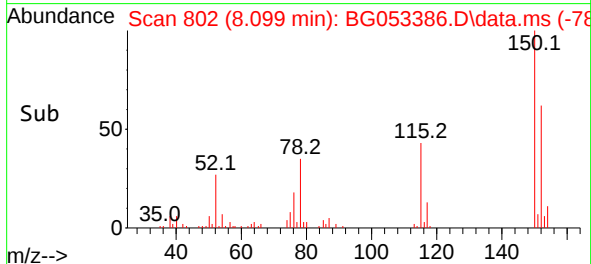
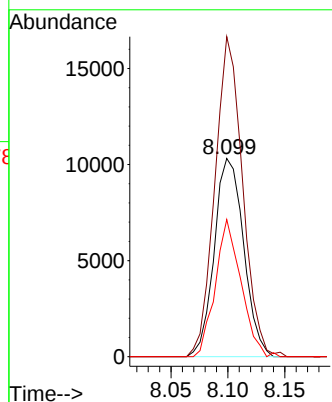
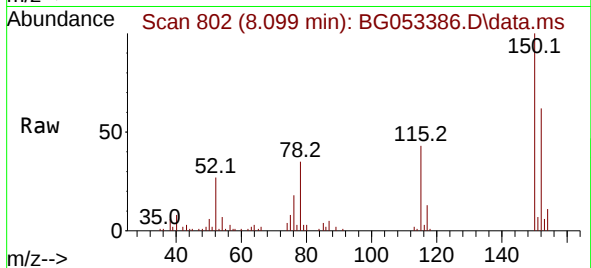




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 806
Delta R.T. -0.014 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

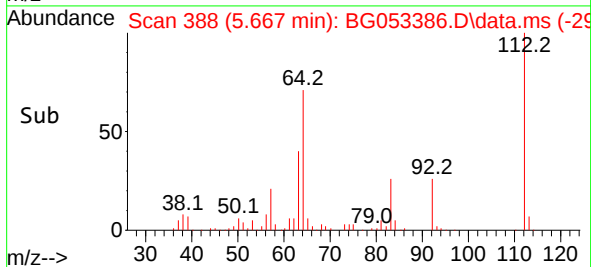
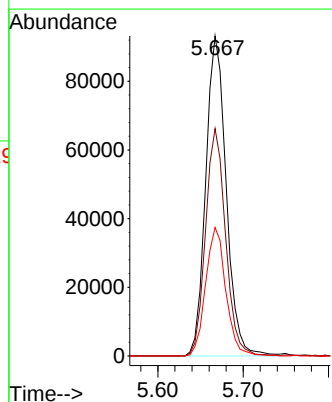
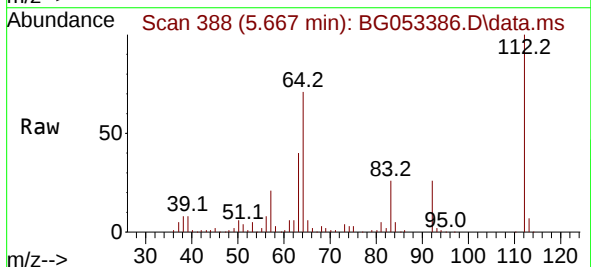
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 18531
Ion Ratio Lower Upper
152 100
150 161.5 114.6 172.0
115 69.2 45.9 68.9#



#5
2-Fluorophenol
Concen: 143.684 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion:112 Resp: 155328
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 40.1 26.5 39.7#

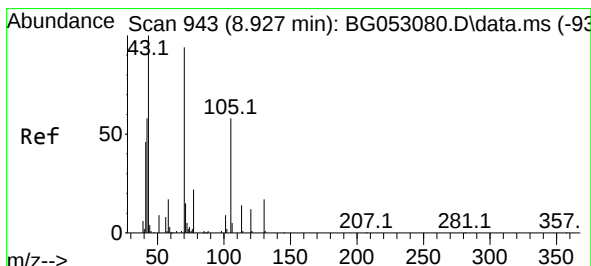
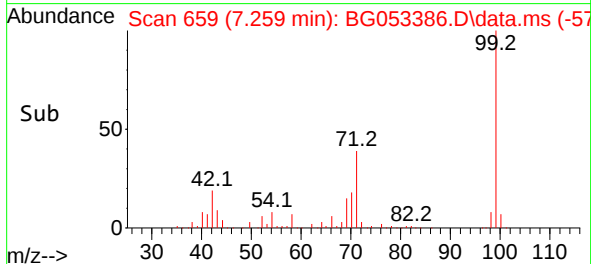
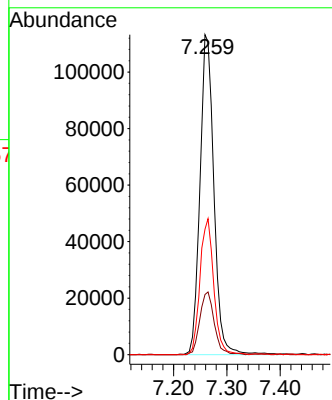
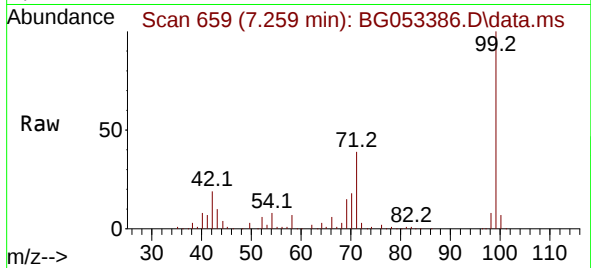




#7
Phenol-d6
Concen: 123.170 ng
RT: 7.259 min Scan# 61
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

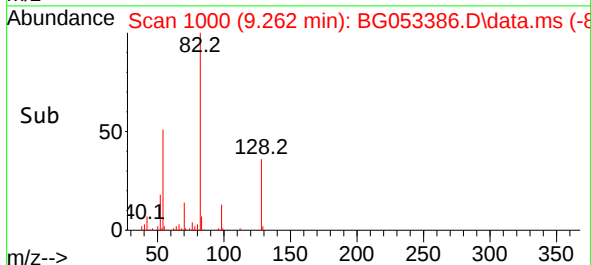
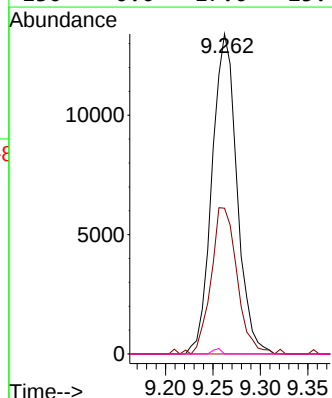
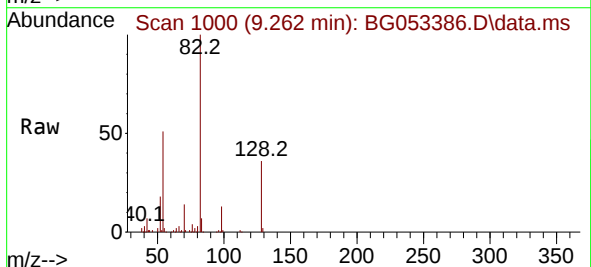
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion: 99 Resp: 205333
Ion Ratio Lower Upper
99 100
42 18.8 14.7 22.1
71 39.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.086 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion: 70 Resp: 24514
Ion Ratio Lower Upper
70 100
42 45.5 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

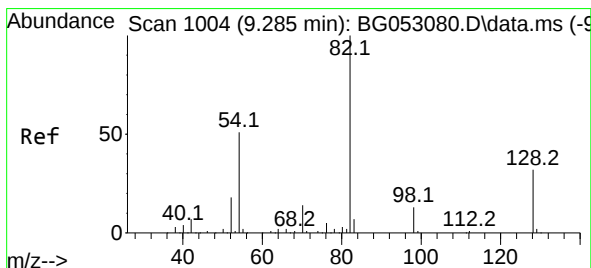
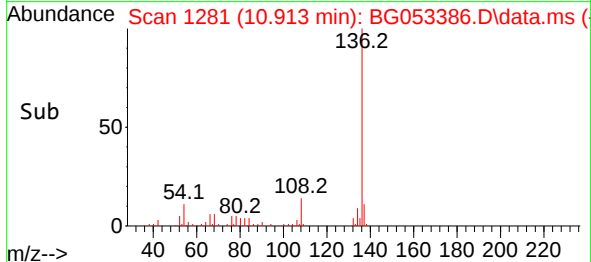
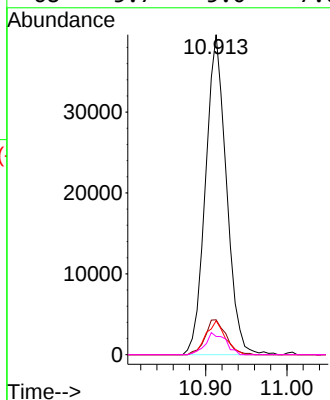
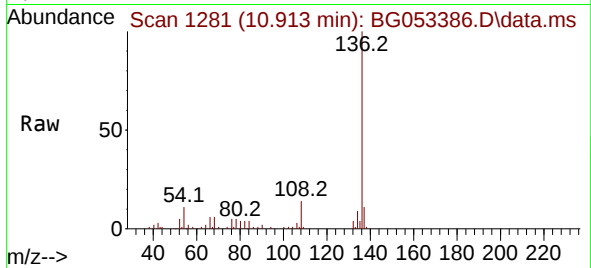




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

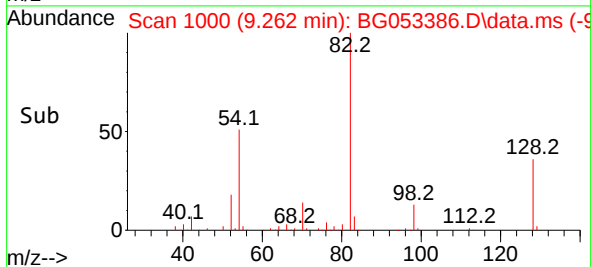
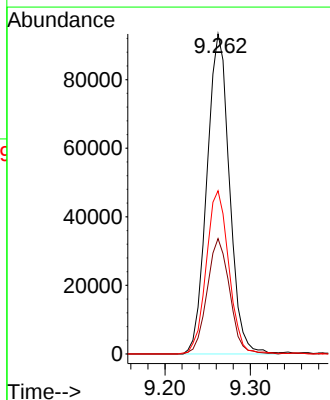
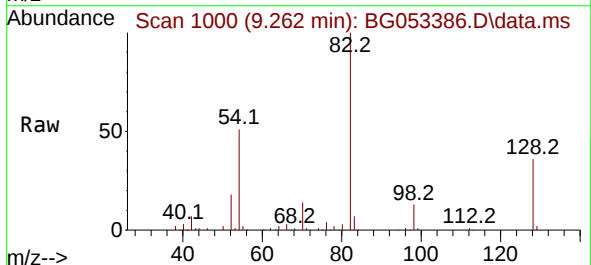
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:136	Resp:	70503
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.4 14.2
54	10.6	6.4 9.6#
68	5.7	5.0 7.6



#23
Nitrobenzene-d5
Concen: 98.740 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion: 82	Resp:	171451
Ion Ratio	Lower	Upper
82	100	
128	36.1	31.3 46.9
54	51.0	37.8 56.8

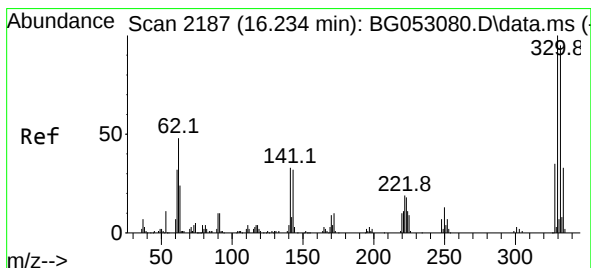
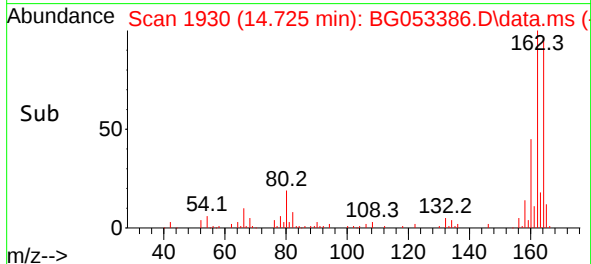
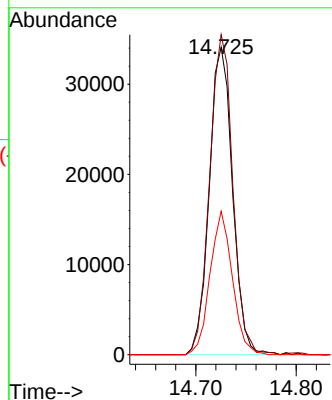
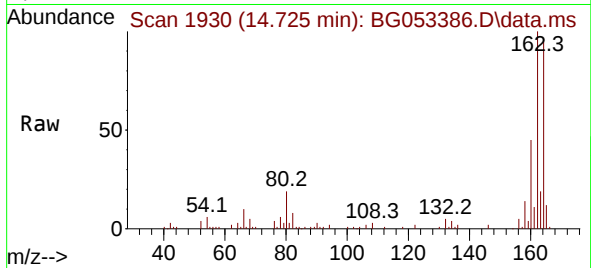




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

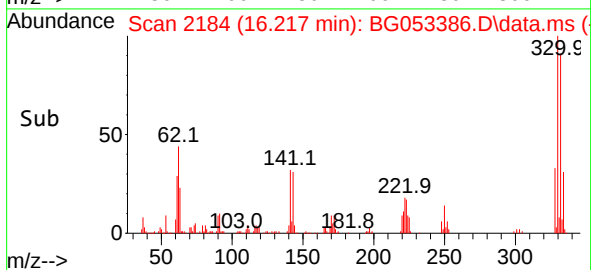
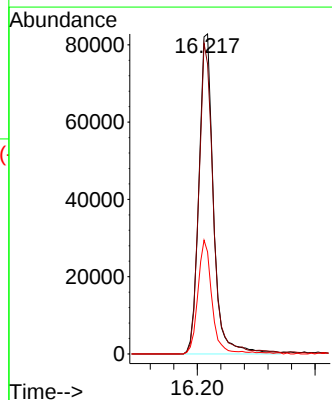
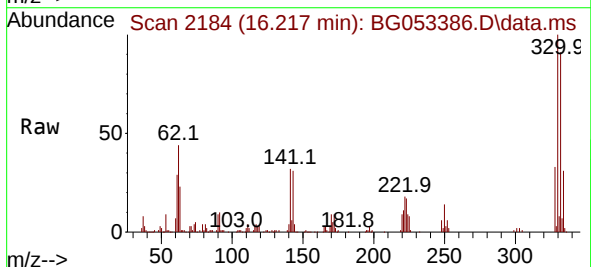
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:164 Resp: 54970
Ion Ratio Lower Upper
164 100
162 104.1 80.0 120.0
160 46.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 162.562 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion:330 Resp: 142169
Ion Ratio Lower Upper
330 100
332 95.0 75.8 113.6
141 34.9 24.6 36.8

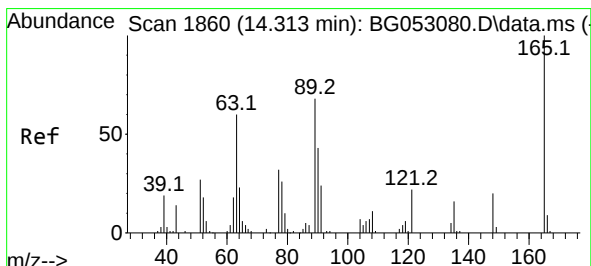
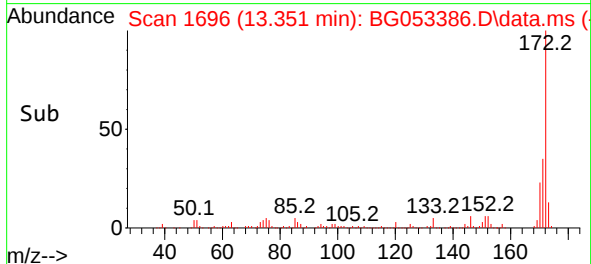
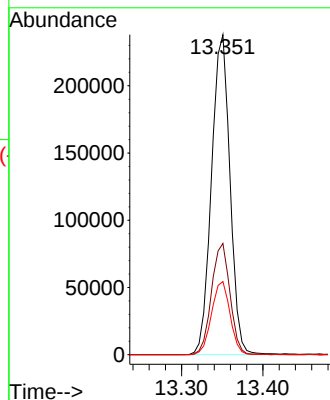
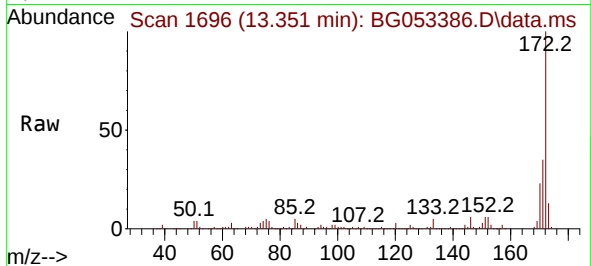




#45
2-Fluorobiphenyl
Concen: 94.285 ng
RT: 13.351 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

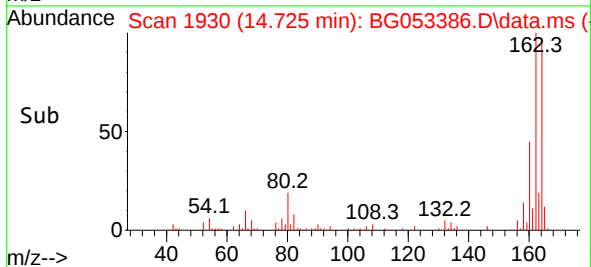
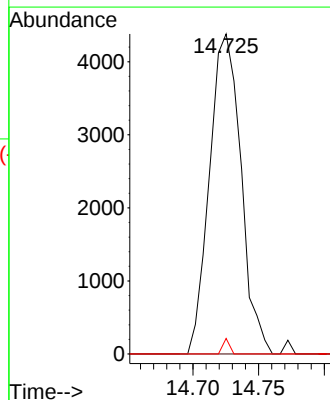
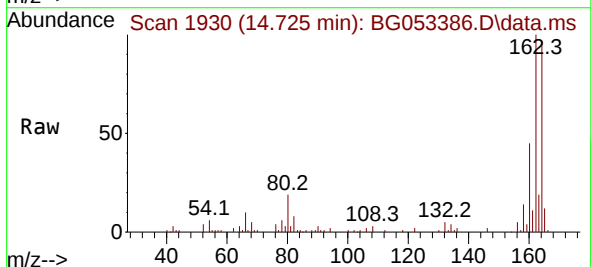
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:172 Resp: 375865
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.959 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

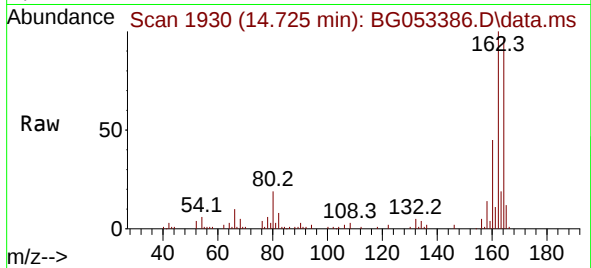
Tgt Ion:165 Resp: 7300
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 4.9 45.0 67.4#



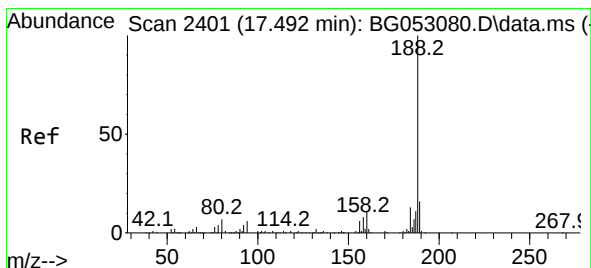
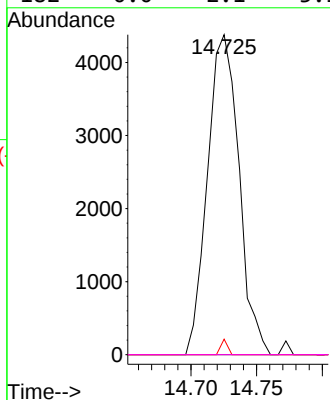
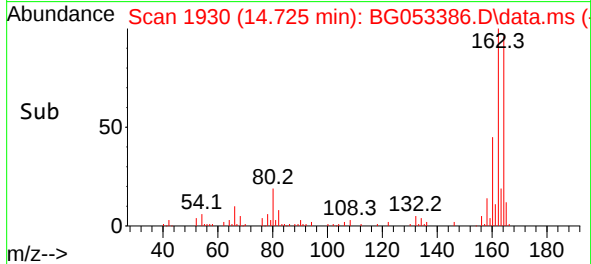


#57
2,4-Dinitrotoluene
Concen: 5.590 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.367 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

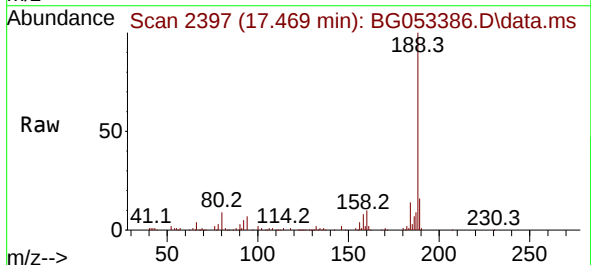
Instrument :
BNA_G
ClientSampleId :
WC-3



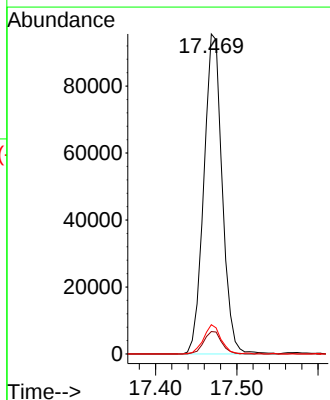
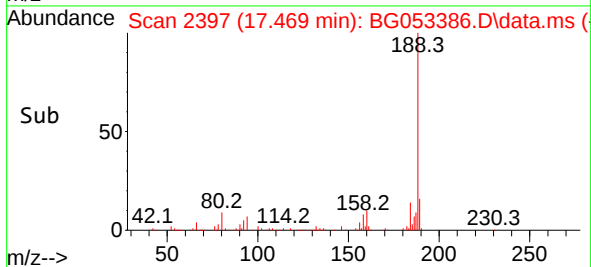
Tgt Ion:165 Resp: 7300
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 4.9 57.4 86.0#
182 0.0 2.1 3.1#

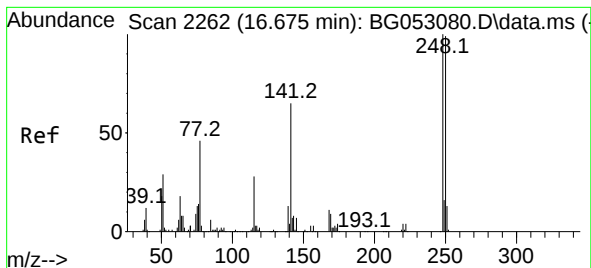


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54



Tgt Ion:188 Resp: 149706
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 9.2 7.2 10.8

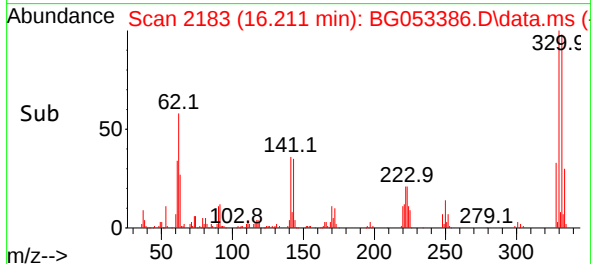
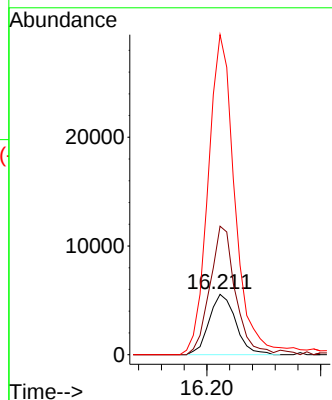
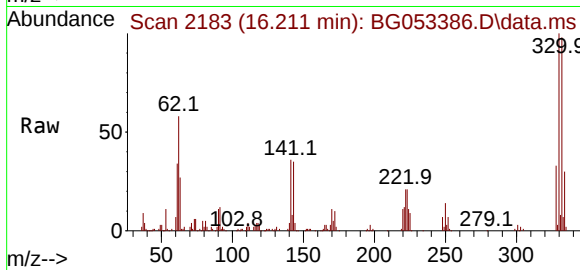




#67
4-Bromophenyl-phenylether
Concen: 4.712 ng
RT: 16.211 min Scan# 2183
Delta R.T. -0.449 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

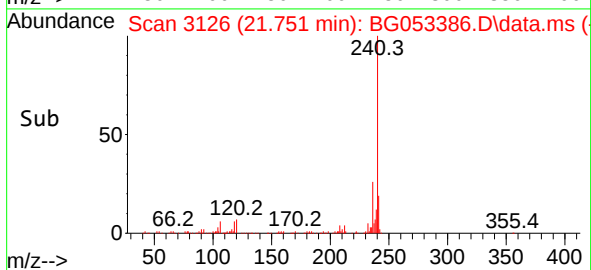
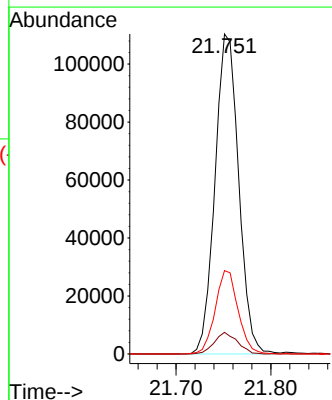
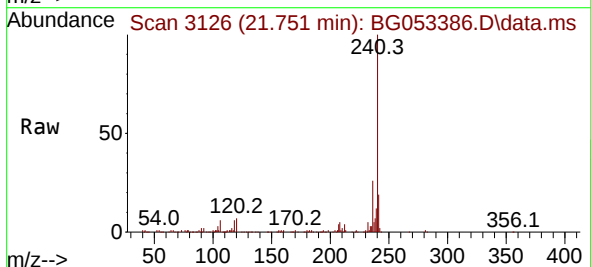
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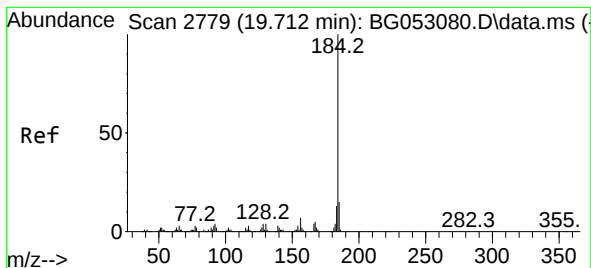
Tgt Ion:248 Resp: 9038
Ion Ratio Lower Upper
248 100
250 212.9 77.9 116.9#
141 530.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion:240 Resp: 191637
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 26.0 19.8 29.6





#77

Benzidine

Concen: 26.702 ng

RT: 19.695 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053386.D

Acq: 29 Apr 2022 20:54

Instrument :

BNA_G

ClientSampleId :

WC-3

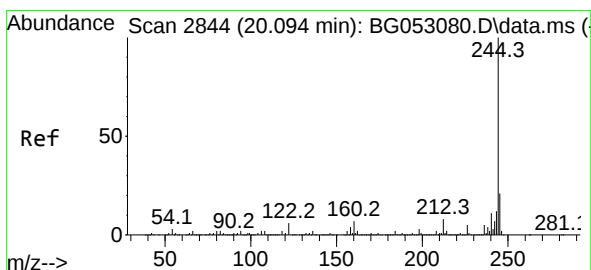
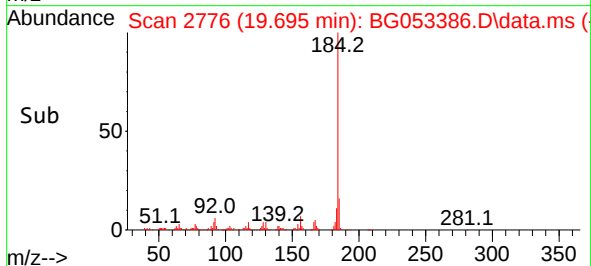
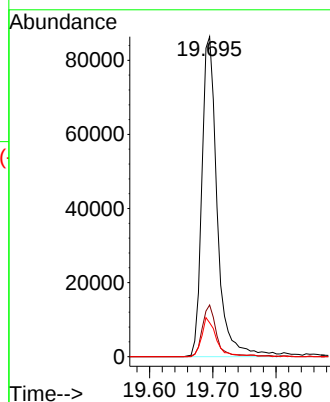
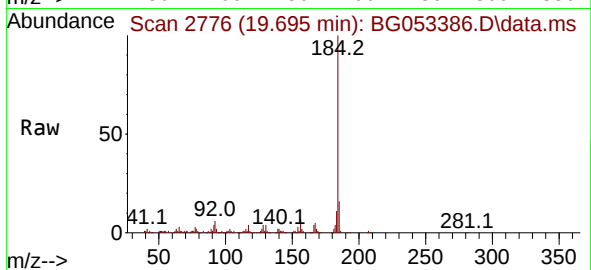
Tgt Ion:184 Resp: 146001

Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

183 10.6 9.4 14.2



#79

Terphenyl-d14

Concen: 86.620 ng

RT: 20.077 min Scan# 2841

Delta R.T. -0.009 min

Lab File: BG053386.D

Acq: 29 Apr 2022 20:54

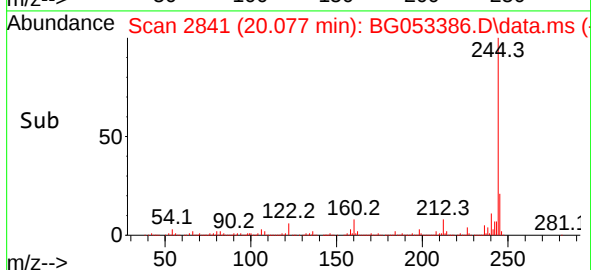
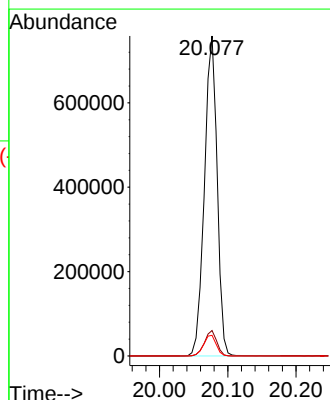
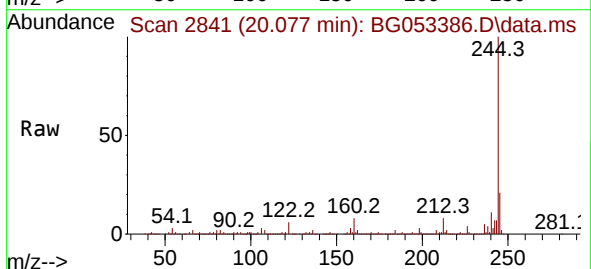
Tgt Ion:244 Resp: 982858

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.047 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:264 Resp: 202502

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	22.7	15.1	22.7#

