

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053458.D
 Acq On : 5 May 2022 19:54
 Operator : CG/JU
 Sample : N2677-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1,9

Quant Time: May 06 03:48:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

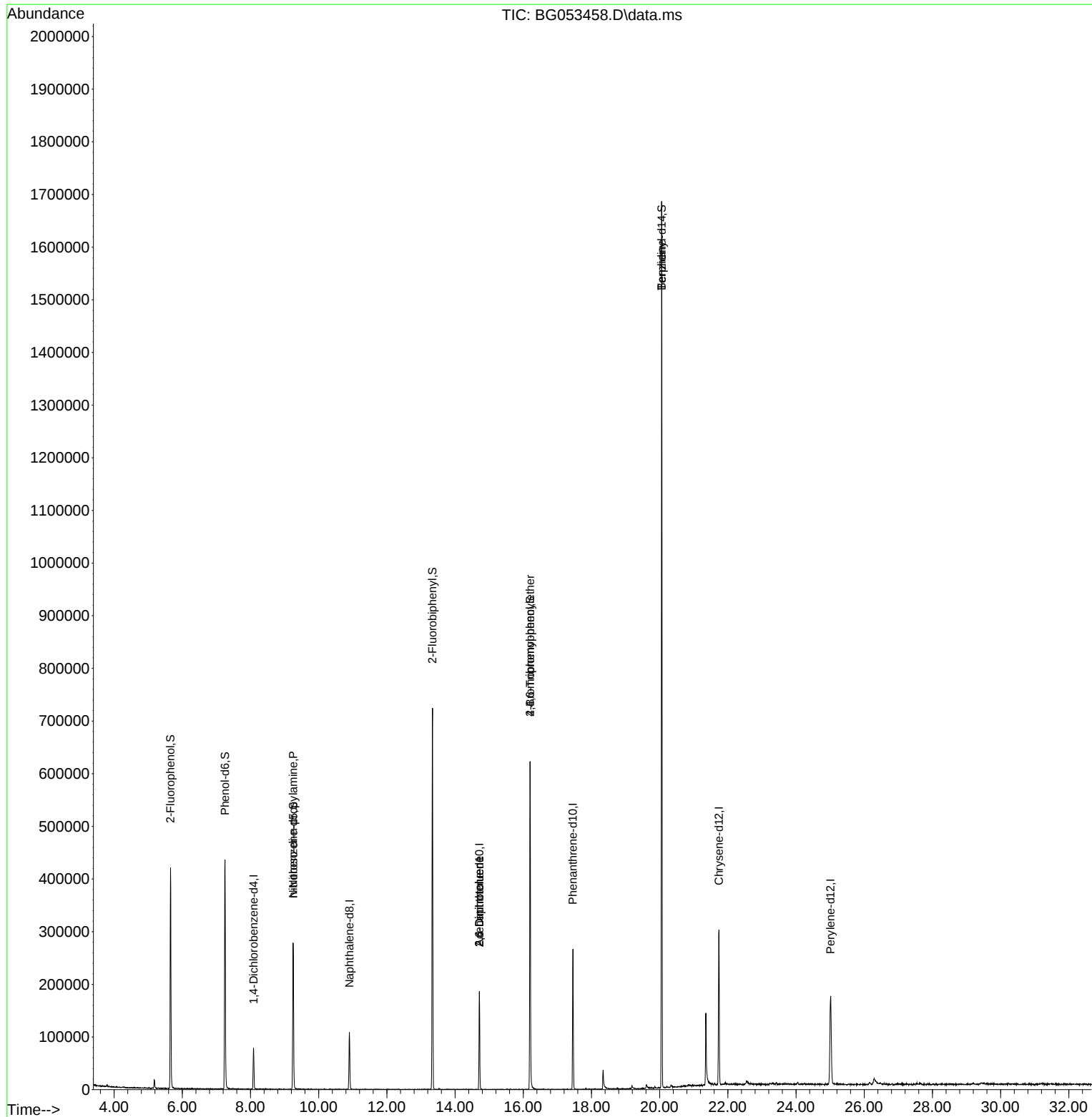
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	22462	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	88542	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	66051	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	168423	20.000	ng	-0.01
76) Chrysene-d12	21.739	240	191766	20.000	ng	0.00
86) Perylene-d12	25.012	264	195498	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	171212	129.361	ng	-0.01
7) Phenol-d6	7.253	99	250103	124.513	ng	0.00
23) Nitrobenzene-d5	9.251	82	178371	85.756	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	124900	128.211	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	387442	85.716	ng	0.00
79) Terphenyl-d14	20.059	244	842939	81.868	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	25264	17.530	ng	# 80
51) 2,6-Dinitrotoluene	14.714	165	8888	8.692	ng	# 18
57) 2,4-Dinitrotoluene	14.714	165	8888	5.996	ng	# 23
67) 4-Bromophenyl-phenylether	16.200	248	7977	4.055	ng	# 1
77) Benzidine	20.059	184	14942	3.615	ng	# 90

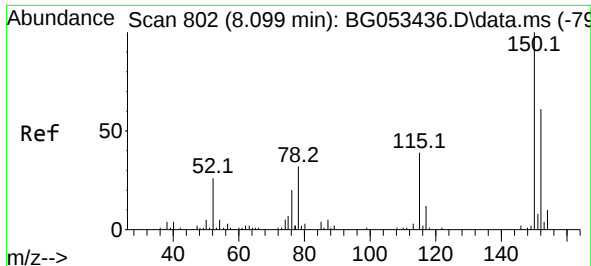
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
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Misc :
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SB-1,9

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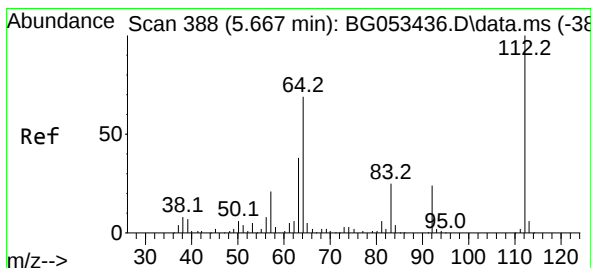
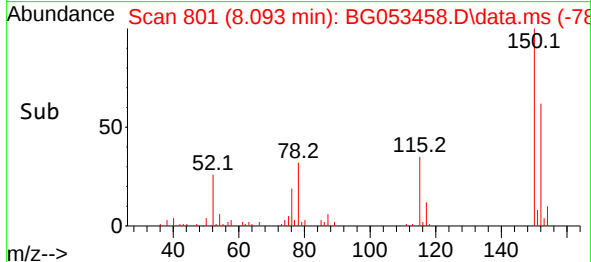
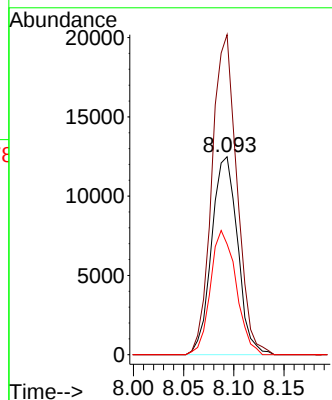
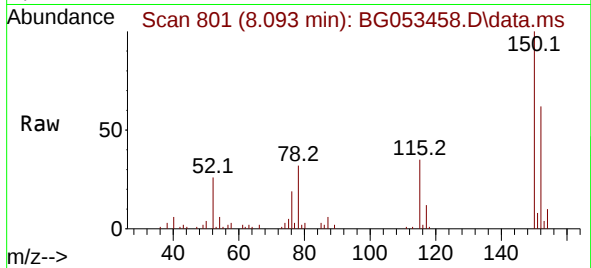




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 802
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

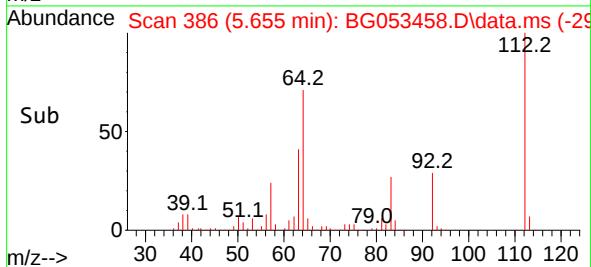
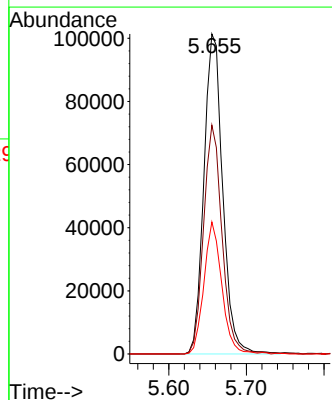
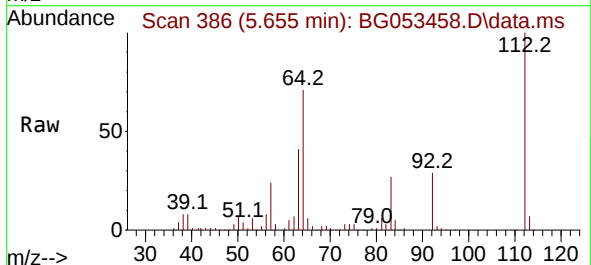
Instrument :
BNA_G
ClientSampleId :
SB-1,9

Tgt Ion:152 Resp: 22462
Ion Ratio Lower Upper
152 100
150 161.7 131.6 197.4
115 55.9 50.9 76.3



#5
2-Fluorophenol
Concen: 129.361 ng
RT: 5.655 min Scan# 386
Delta R.T. -0.012 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion:112 Resp: 171212
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 41.2 30.4 45.6

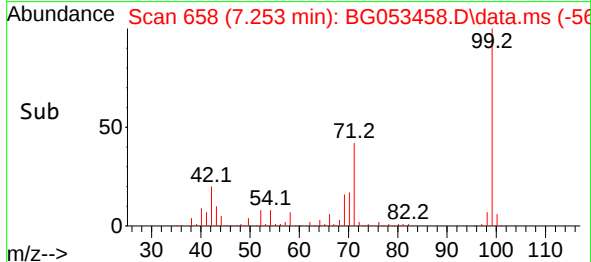
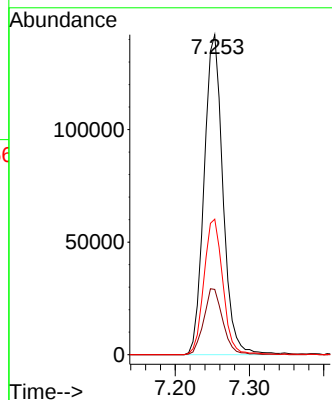
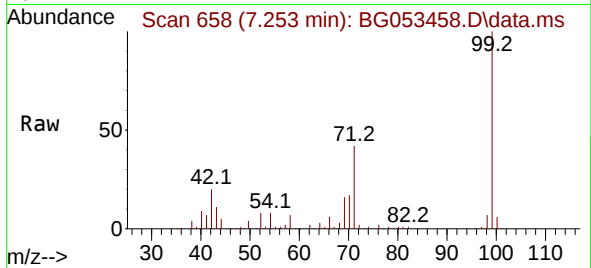




#7
Phenol-d6
Concen: 124.513 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

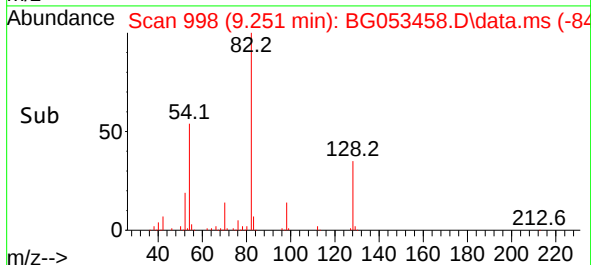
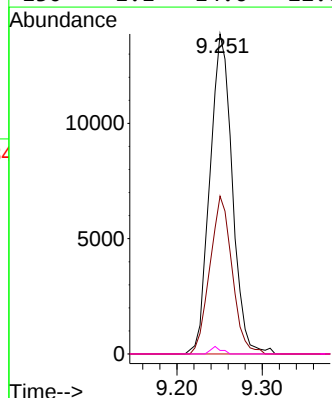
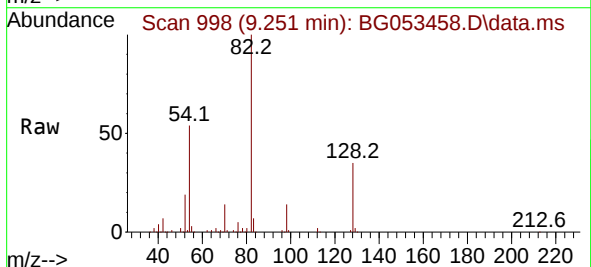
Instrument :
BNA_G
ClientSampleId :
SB-1,9

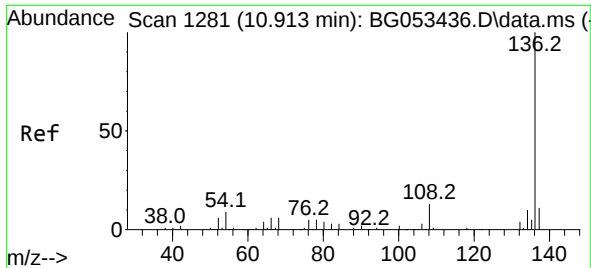
Tgt Ion: 99 Resp: 250103
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 42.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.530 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.353 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion: 70 Resp: 25264
Ion Ratio Lower Upper
70 100
42 49.3 47.3 70.9
101 0.0 7.0 10.4#
130 1.1 14.6 22.0#

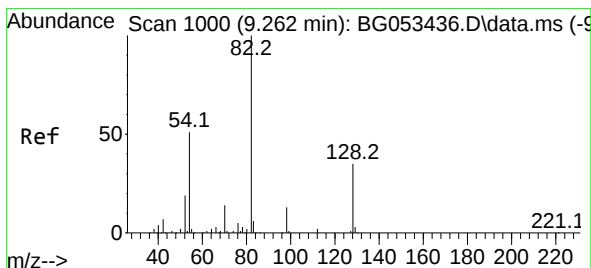
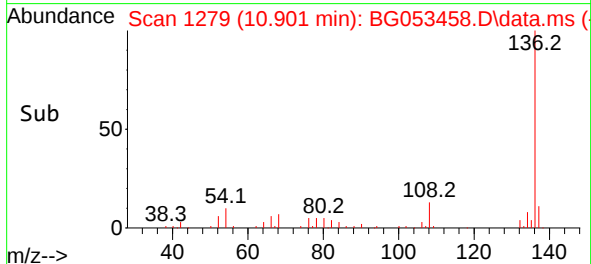
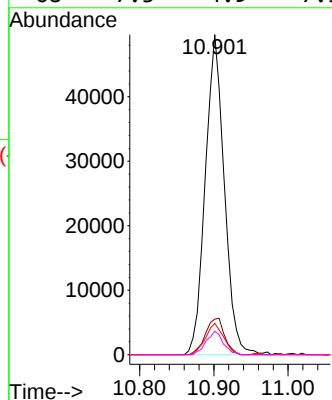
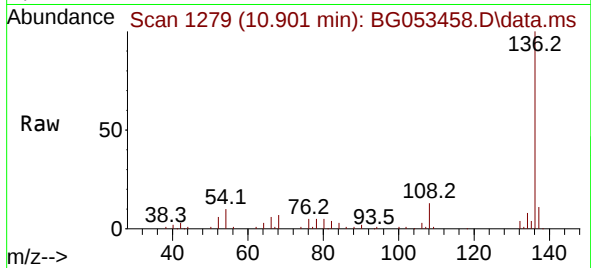




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

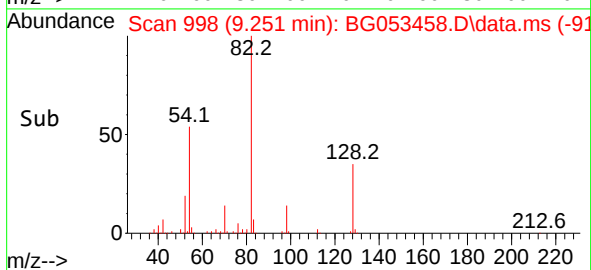
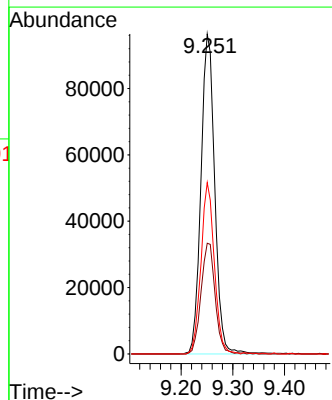
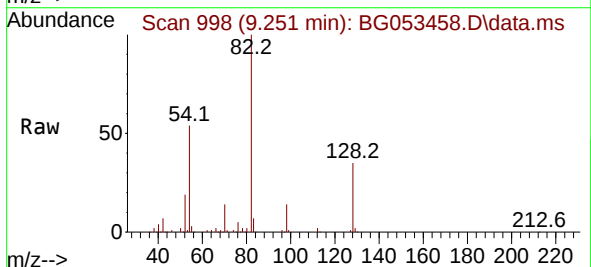
Instrument :
BNA_G
ClientSampleId :
SB-1,9

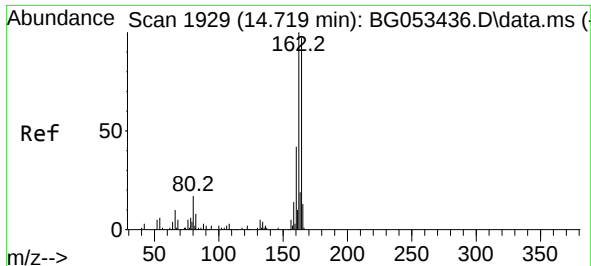
Tgt Ion:136	Resp:	88542
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	9.8	7.4 11.2
68	7.3	4.9 7.3



#23
Nitrobenzene-d5
Concen: 85.756 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.011 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion: 82	Resp:	178371
Ion Ratio	Lower	Upper
82	100	
128	34.6	27.9 41.9
54	53.6	41.2 61.8

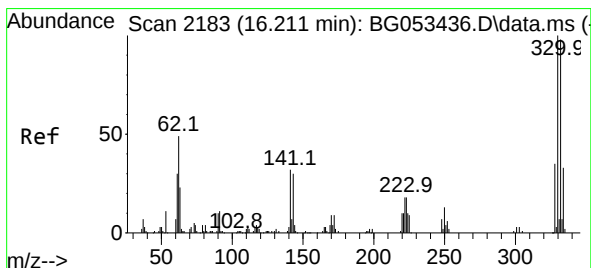
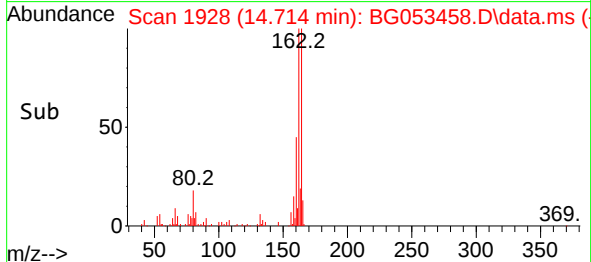
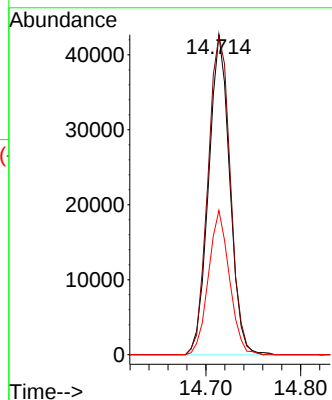
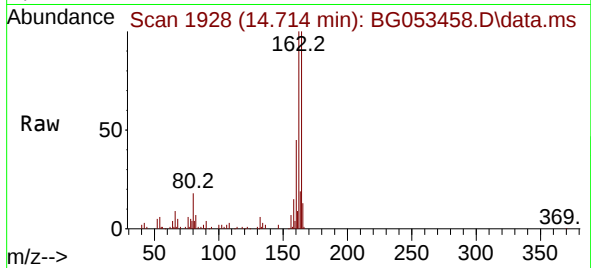




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

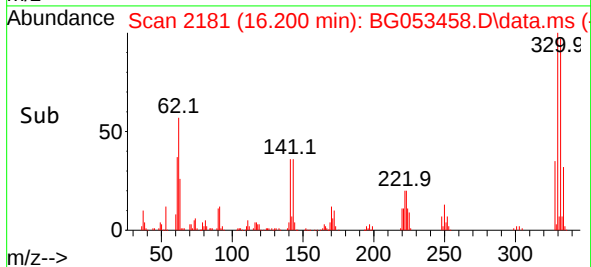
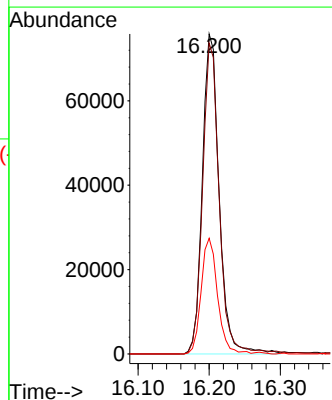
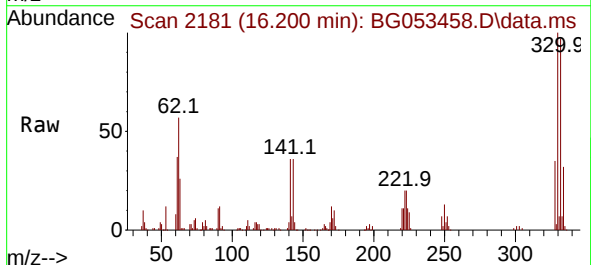
Instrument :
BNA_G
ClientSampleId :
SB-1,9

Tgt Ion:164 Resp: 66051
Ion Ratio Lower Upper
164 100
162 99.6 82.3 123.5
160 45.1 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 128.211 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion:330 Resp: 124900
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 35.3 27.1 40.7

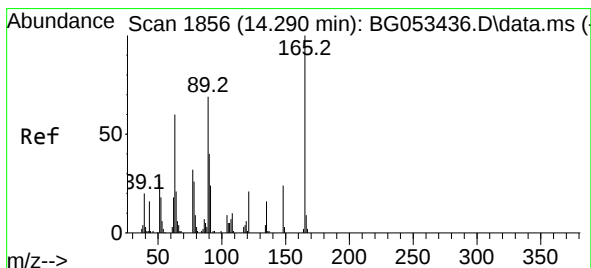
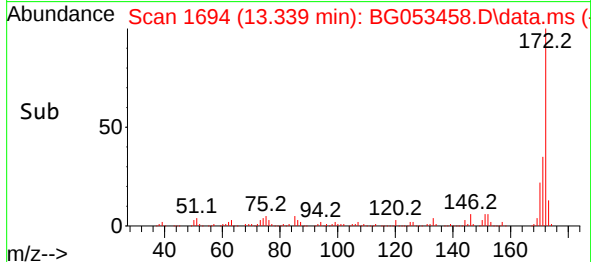
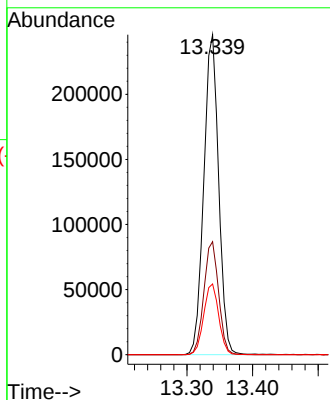
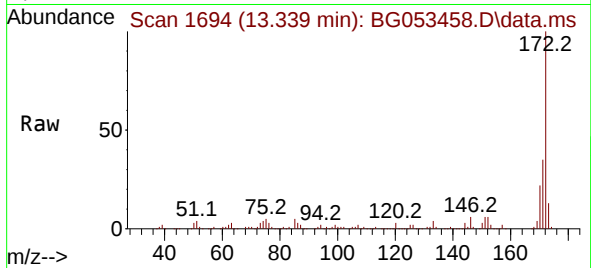




#45
2-Fluorobiphenyl
Concen: 85.716 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

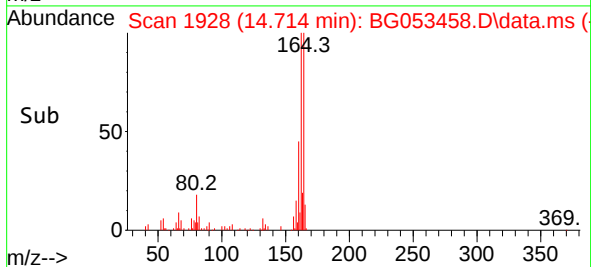
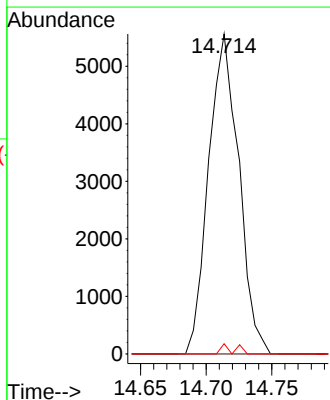
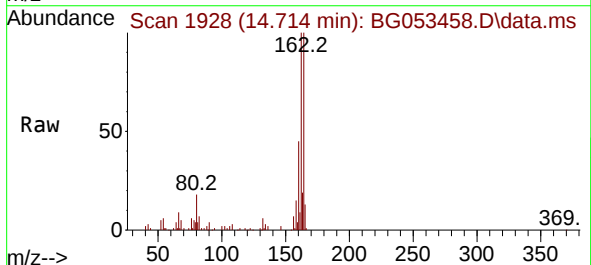
Instrument :
BNA_G
ClientSampleId :
SB-1,9

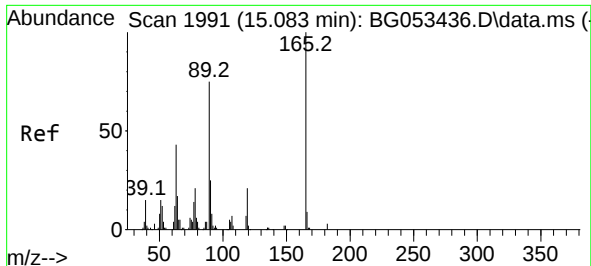
Tgt Ion:172 Resp: 387442
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.692 ng
RT: 14.714 min Scan# 1928
Delta R.T. 0.423 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

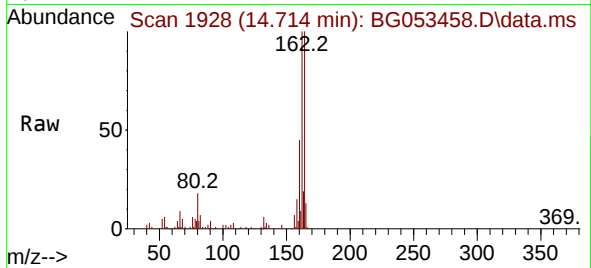
Tgt Ion:165 Resp: 8888
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 3.2 54.8 82.2#



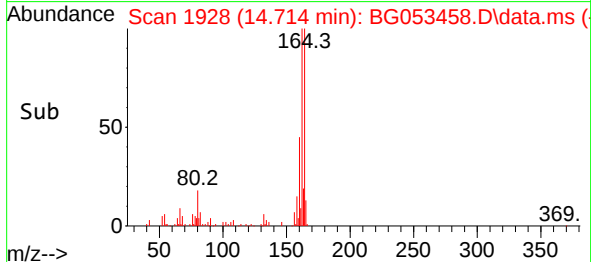
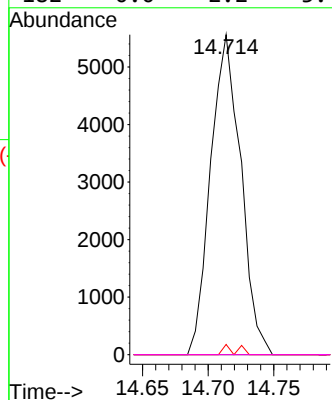


#57
2,4-Dinitrotoluene
Concen: 5.996 ng
RT: 14.714 min Scan# 1991
Delta R.T. -0.370 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Instrument :
BNA_G
ClientSampleId :
SB-1,9

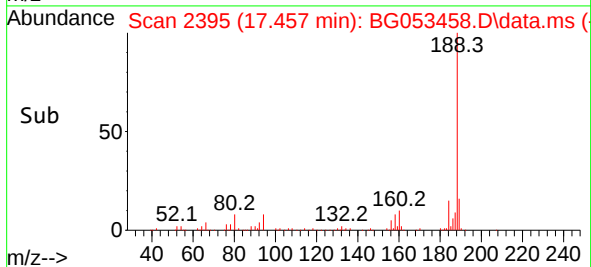
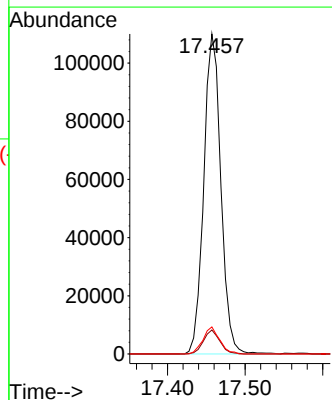
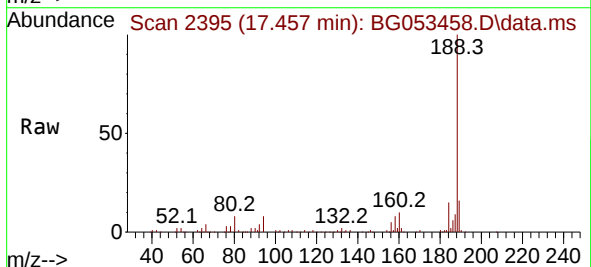


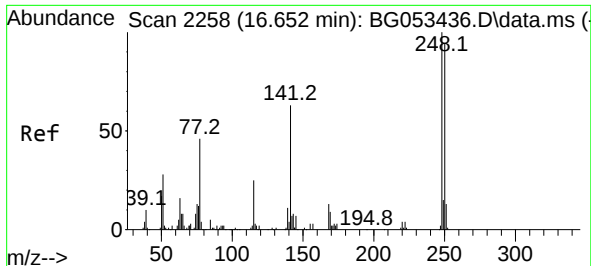
Tgt Ion:165 Resp: 8888
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 3.2 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion:188 Resp: 168423
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.4 6.8 10.2

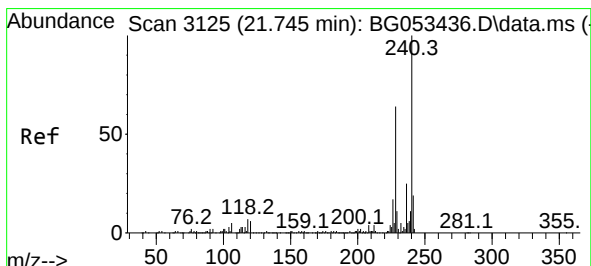
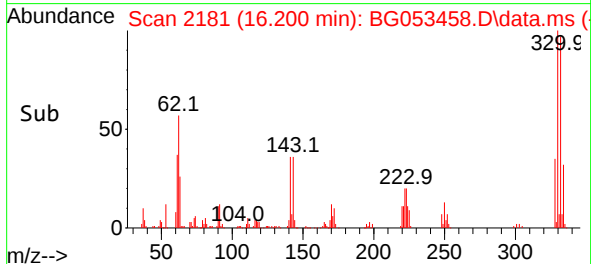
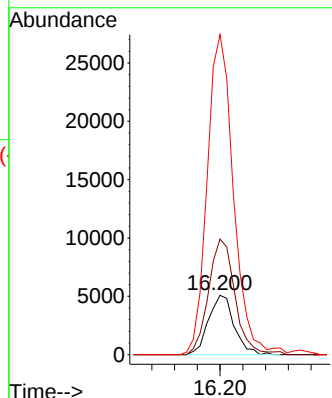
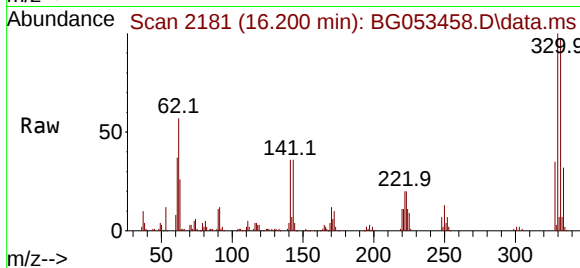




#67
4-Bromophenyl-phenylether
Concen: 4.055 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.452 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

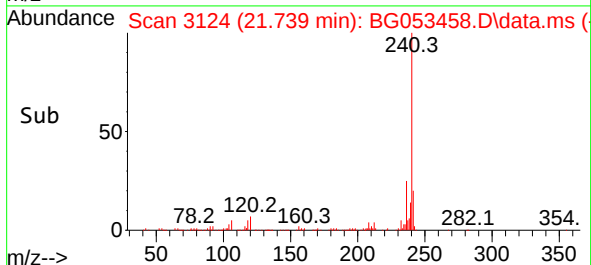
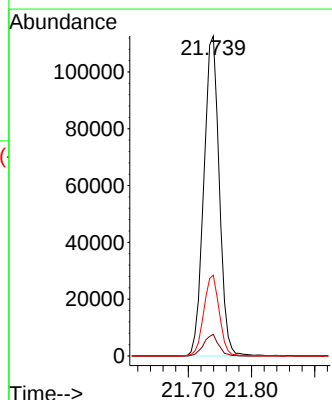
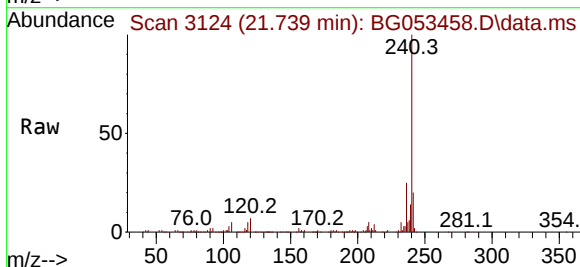
Instrument :
BNA_G
ClientSampleId :
SB-1,9

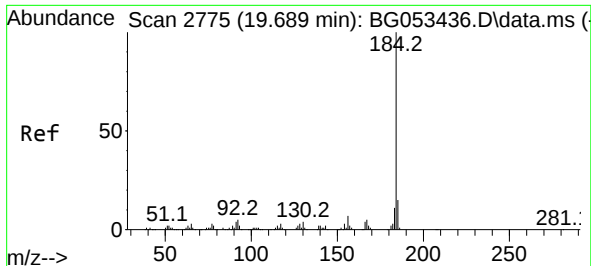
Tgt Ion:248 Resp: 7977
Ion Ratio Lower Upper
248 100
250 194.9 75.2 112.8#
141 538.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion:240 Resp: 191766
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 25.2 20.2 30.4

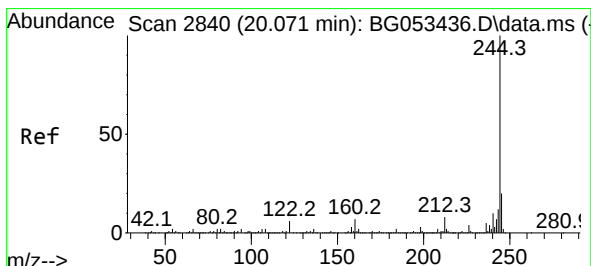
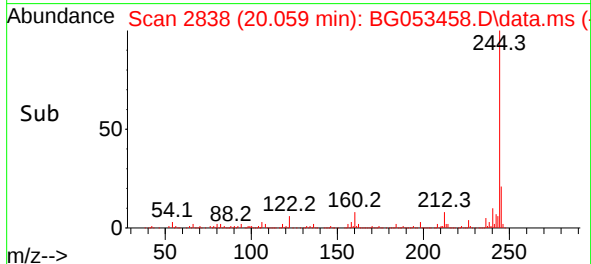
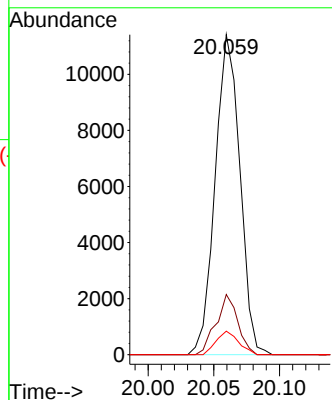
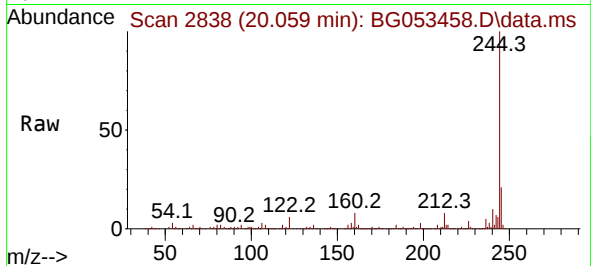




#77
Benzidine
Concen: 3.615 ng
RT: 20.059 min Scan# 2838
Delta R.T. 0.371 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

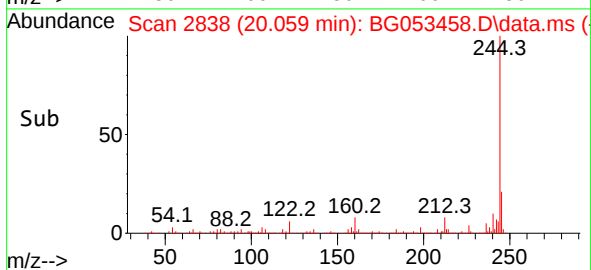
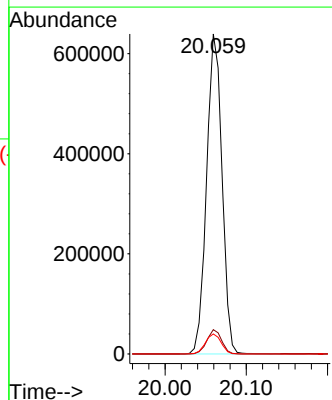
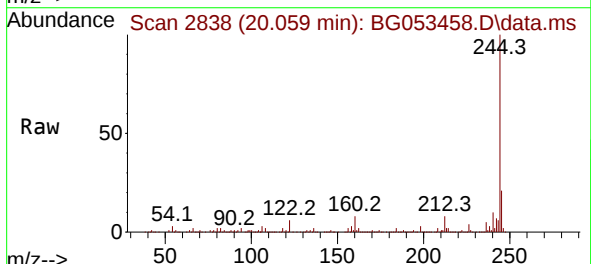
Instrument :
BNA_G
ClientSampleId :
SB-1,9

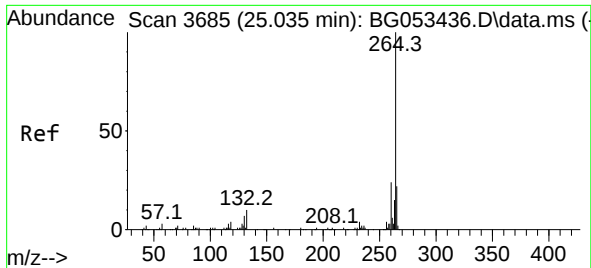
Tgt Ion:184 Resp: 14942
Ion Ratio Lower Upper
184 100
185 18.8 11.8 17.6#
183 7.4 8.9 13.3#



#79
Terphenyl-d14
Concen: 81.868 ng
RT: 20.059 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BG053458.D
Acq: 5 May 2022 19:54

Tgt Ion:244 Resp: 842939
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 6.2 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3

Delta R.T. -0.023 min

Lab File: BG053458.D

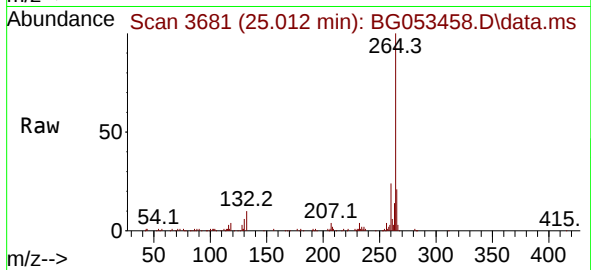
Acq: 5 May 2022 19:54

Instrument :

BNA_G

ClientSampleId :

SB-1,9



Tgt Ion:264 Resp: 195498

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

265 20.5 17.4 26.2

