

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053461.D
 Acq On : 5 May 2022 21:51
 Operator : CG/JU
 Sample : N2677-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3,8

Quant Time: May 06 03:48:30 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)

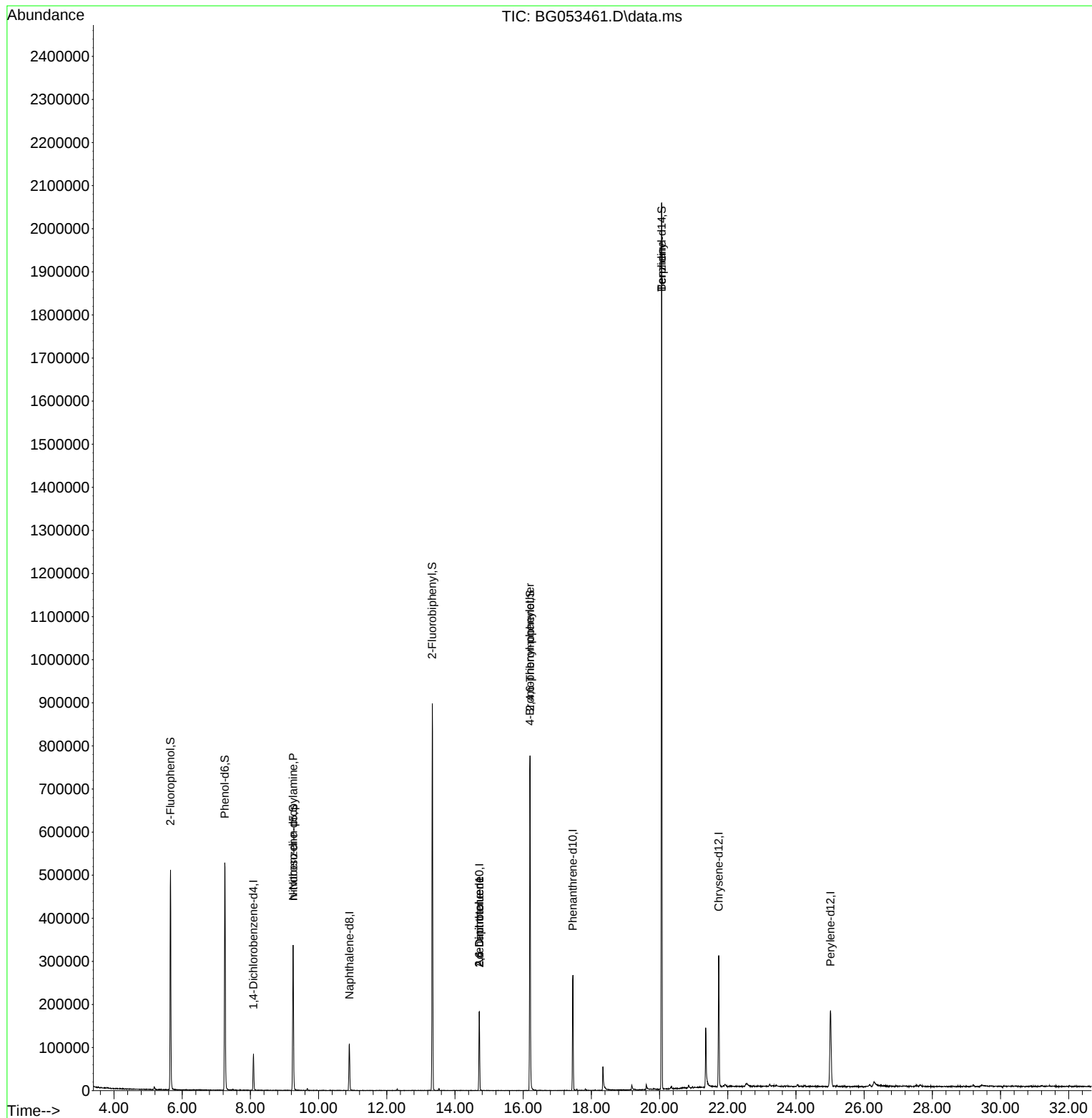
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	23376	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	91912	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	68904	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	177551	20.000	ng	0.00
76) Chrysene-d12	21.736	240	195021	20.000	ng	0.00
86) Perylene-d12	25.014	264	202184	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	204791	148.681	ng	0.00
7) Phenol-d6	7.250	99	301407	144.187	ng	0.00
23) Nitrobenzene-d5	9.253	82	216441	100.243	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	157196	154.682	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	474704	100.673	ng	0.00
79) Terphenyl-d14	20.062	244	1021470	97.551	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.253	70	30225	20.152	ng	# 78
51) 2,6-Dinitrotoluene	14.716	165	9595	8.995	ng	# 16
57) 2,4-Dinitrotoluene	14.716	165	9595	6.205	ng	# 21
67) 4-Bromophenyl-phenylether	16.197	248	10160	4.900	ng	# 1
77) Benzidine	20.062	184	18116	4.310	ng	# 92

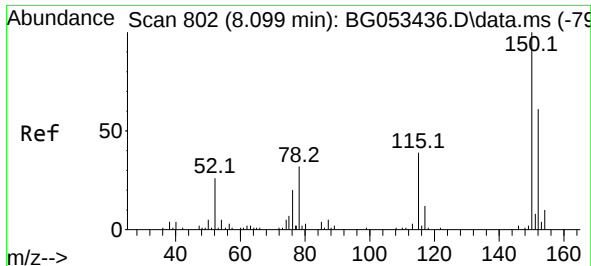
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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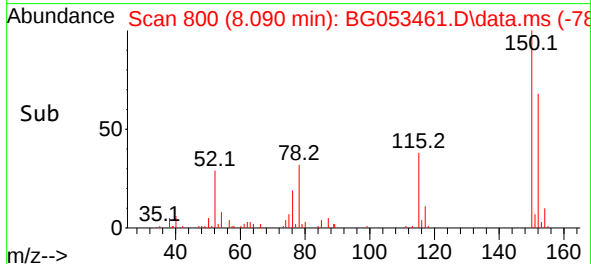
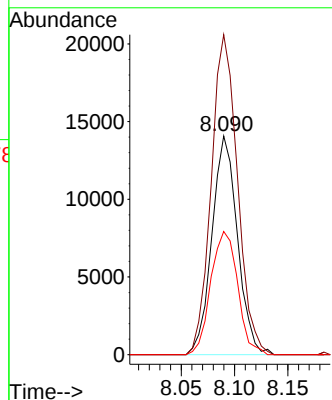
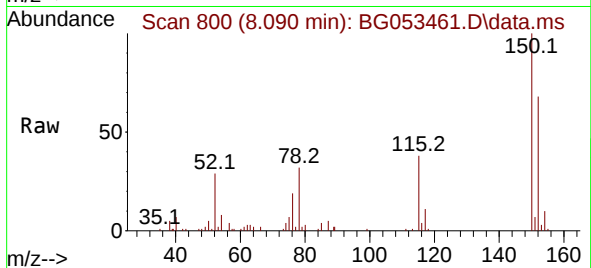




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 802
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

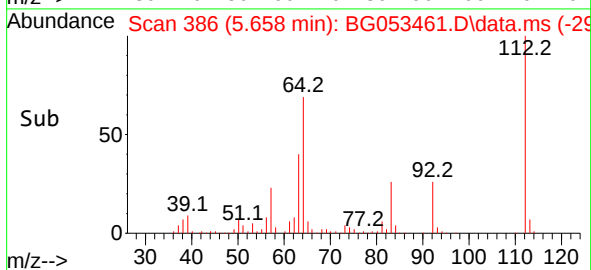
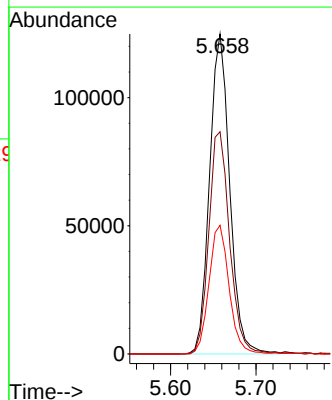
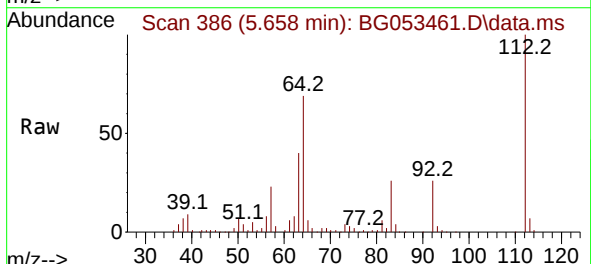
Instrument :
BNA_G
ClientSampleId :
SB-3,8

Tgt Ion:152 Resp: 23376
Ion Ratio Lower Upper
152 100
150 146.3 131.6 197.4
115 56.3 50.9 76.3



#5
2-Fluorophenol
Concen: 148.681 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion:112 Resp: 204791
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 40.2 30.4 45.6

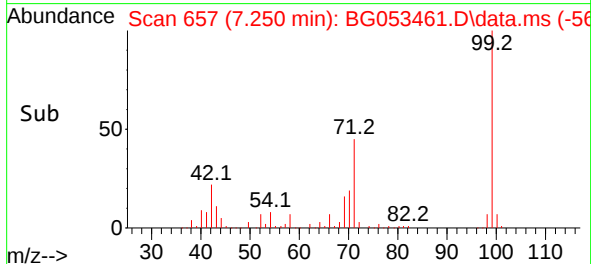
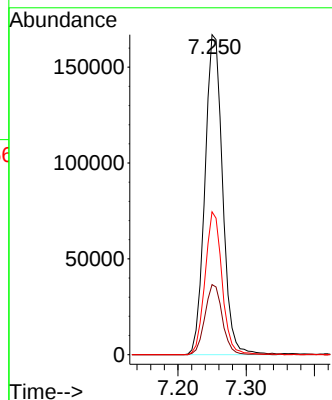
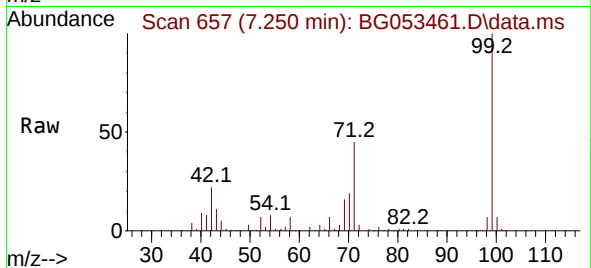




#7
Phenol-d6
Concen: 144.187 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

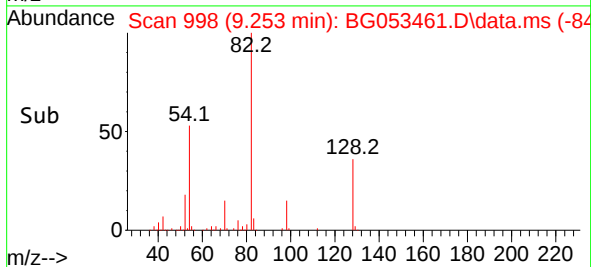
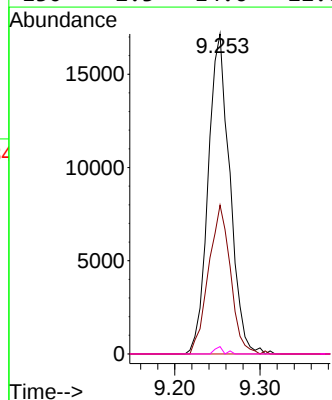
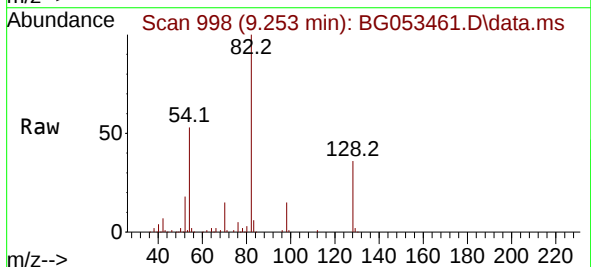
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BNA_G
ClientSampleId :
SB-3,8

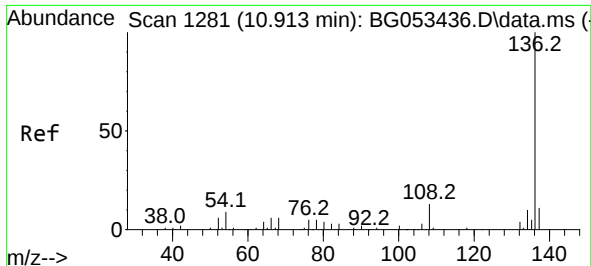
Tgt Ion: 99 Resp: 301407
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 44.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.152 ng
RT: 9.253 min Scan# 998
Delta R.T. 0.355 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion: 70 Resp: 30225
Ion Ratio Lower Upper
70 100
42 46.5 47.3 70.9#
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

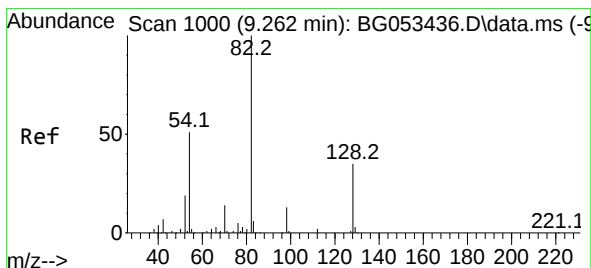
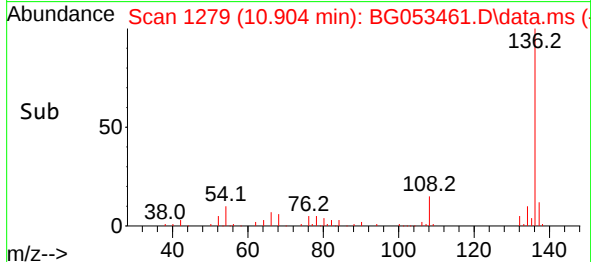
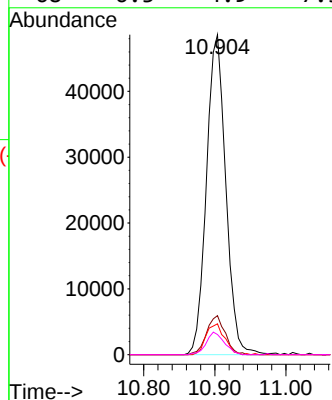
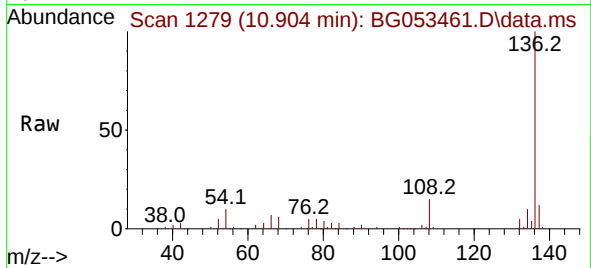




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.904 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

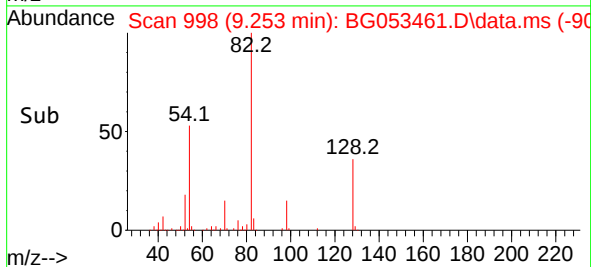
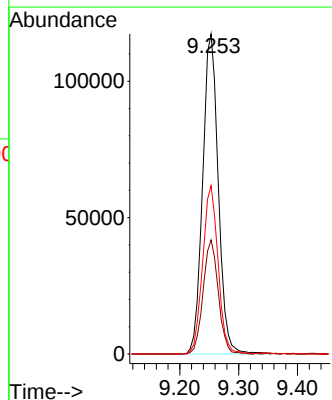
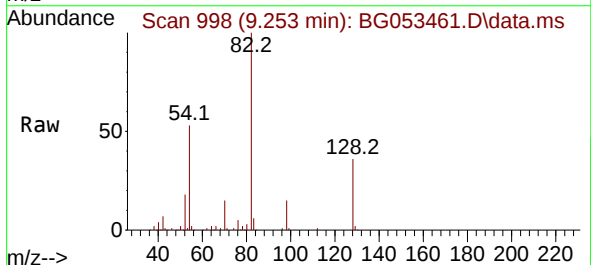
Instrument :
BNA_G
ClientSampleId :
SB-3,8

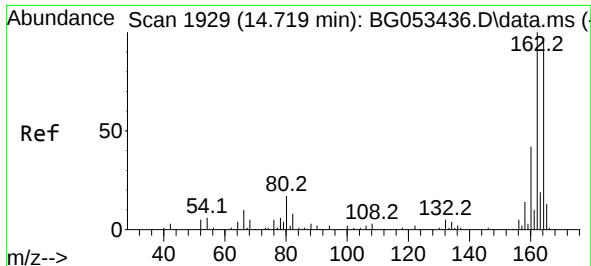
Tgt Ion:136	Resp:	91912
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.5 12.7
54	9.7	7.4 11.2
68	6.3	4.9 7.3



#23
Nitrobenzene-d5
Concen: 100.243 ng
RT: 9.253 min Scan# 998
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion: 82	Resp:	216441
Ion Ratio	Lower	Upper
82	100	
128	35.7	27.9 41.9
54	52.6	41.2 61.8

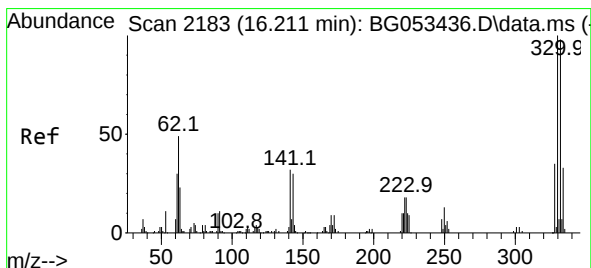
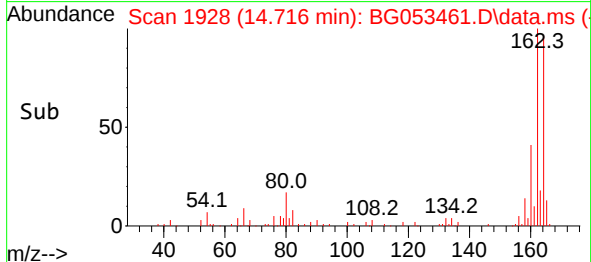
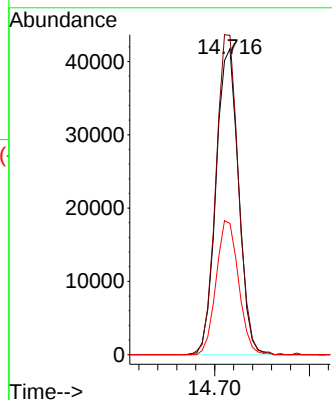
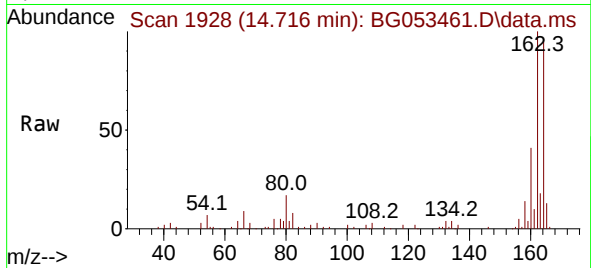




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.716 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

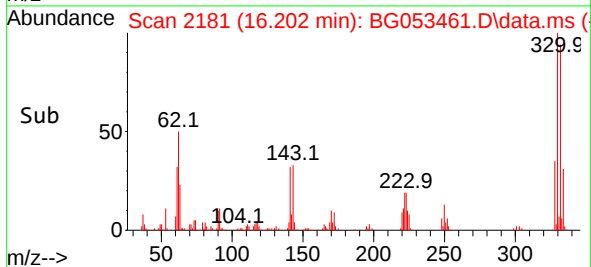
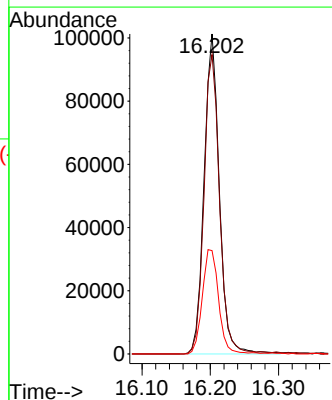
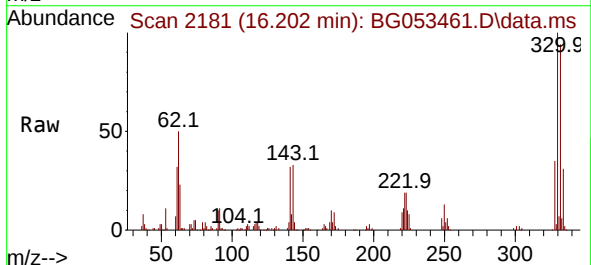
Instrument :
BNA_G
ClientSampleId :
SB-3,8

Tgt Ion:164 Resp: 68904
Ion Ratio Lower Upper
164 100
162 104.4 82.3 123.5
160 42.9 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 154.682 ng
RT: 16.202 min Scan# 2181
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion:330 Resp: 157196
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 35.1 27.1 40.7

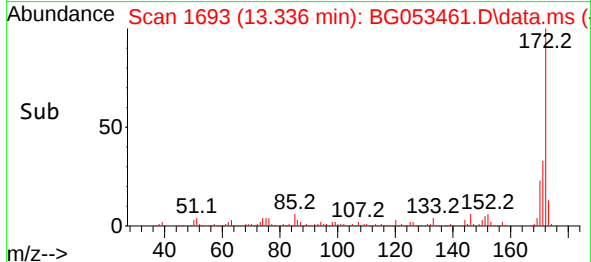
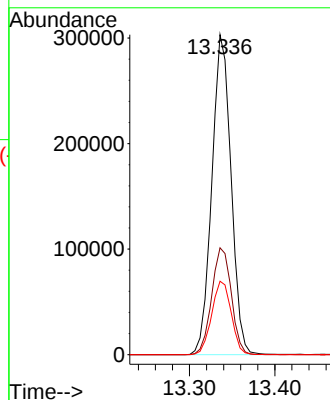
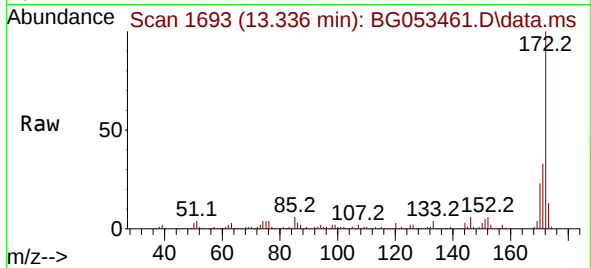




#45
2-Fluorobiphenyl
Concen: 100.673 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

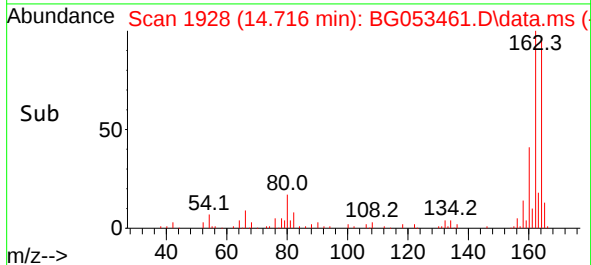
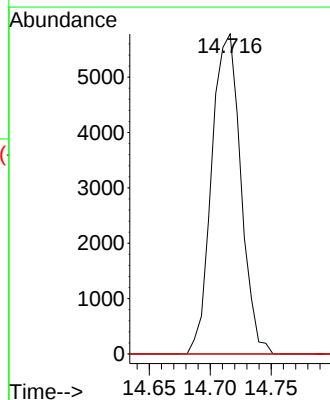
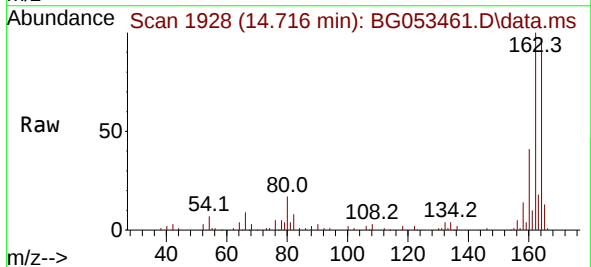
Instrument :
BNA_G
ClientSampleId :
SB-3,8

Tgt Ion:172 Resp: 474704
Ion Ratio Lower Upper
172 100
171 33.4 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.995 ng
RT: 14.716 min Scan# 1928
Delta R.T. 0.426 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion:165 Resp: 9595
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

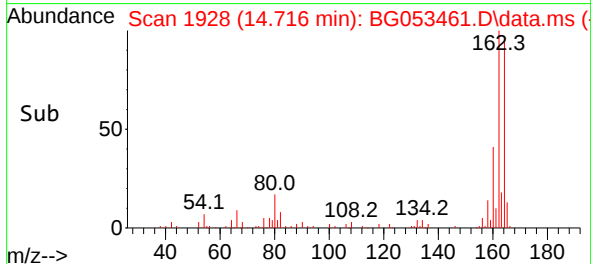
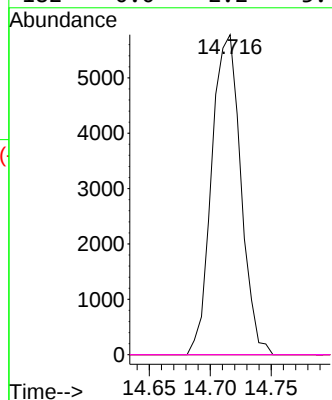
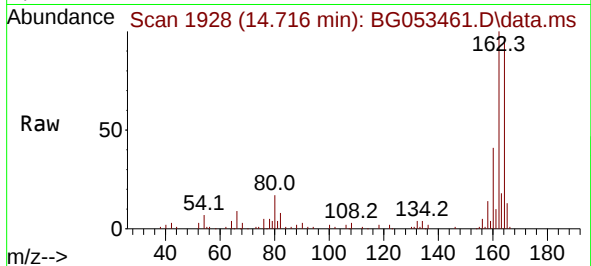




#57
2,4-Dinitrotoluene
Concen: 6.205 ng
RT: 14.716 min Scan# 1991
Delta R.T. -0.367 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

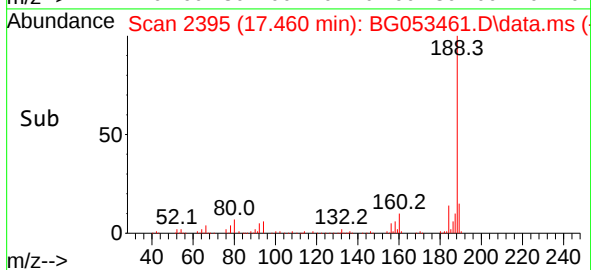
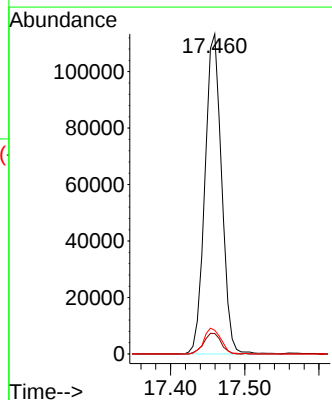
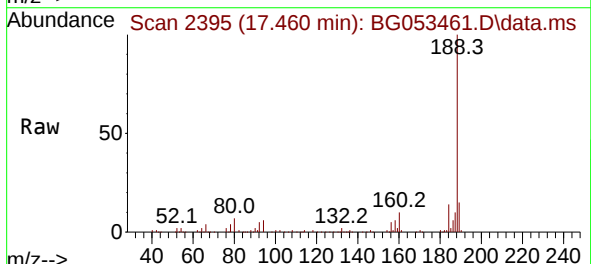
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ClientSampleId :
SB-3,8

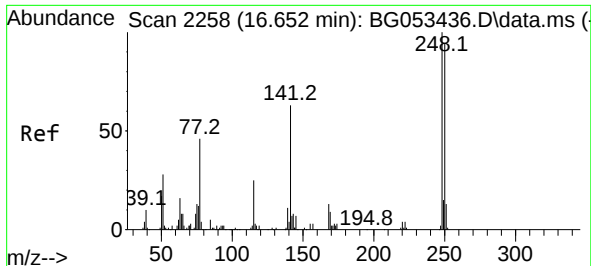
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Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion:188 Resp: 177551
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.4 6.8 10.2

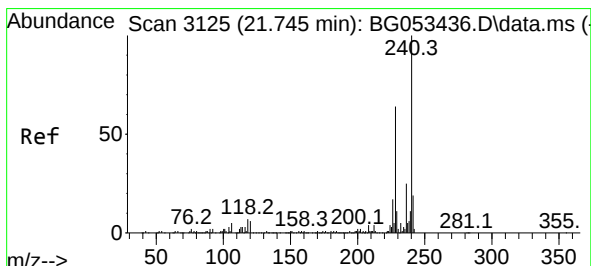
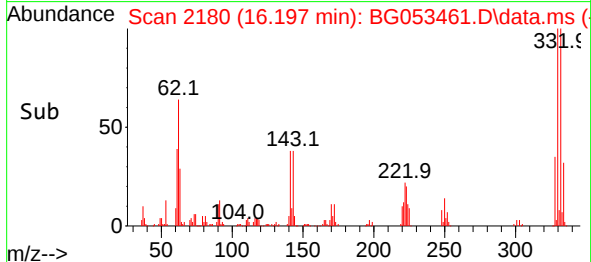
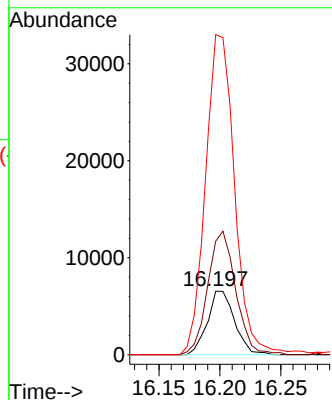
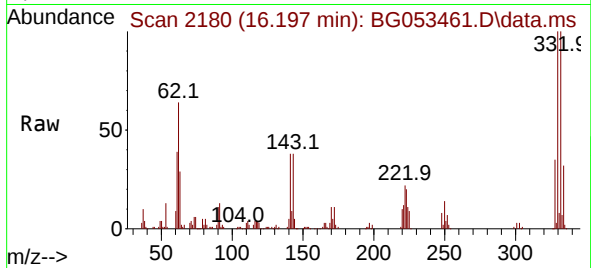




#67
4-Bromophenyl-phenylether
Concen: 4.900 ng
RT: 16.197 min Scan# 211
Delta R.T. -0.455 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

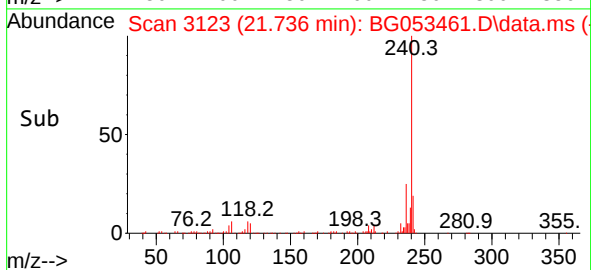
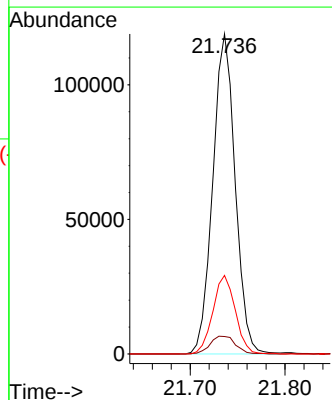
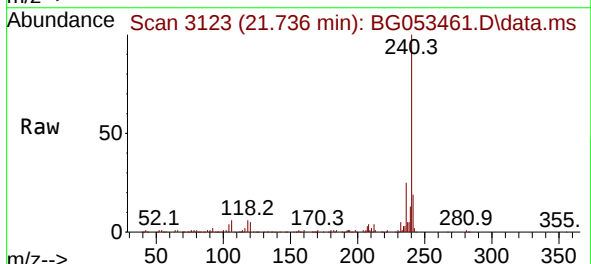
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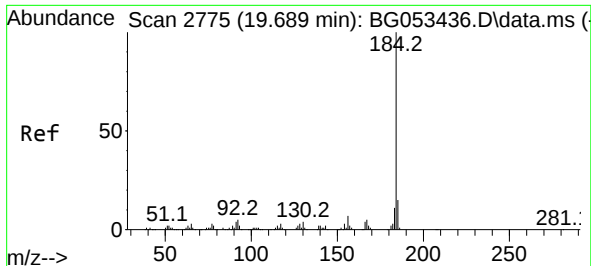
Tgt Ion:248 Resp: 10160
Ion Ratio Lower Upper
248 100
250 178.7 75.2 112.8#
141 504.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion:240 Resp: 195021
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.6 20.2 30.4

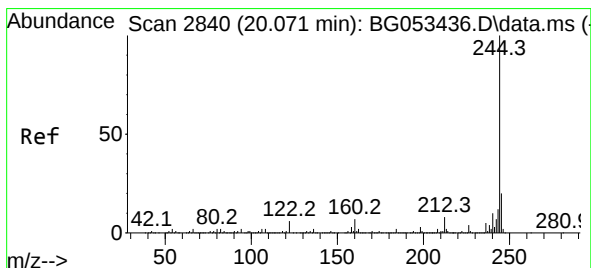
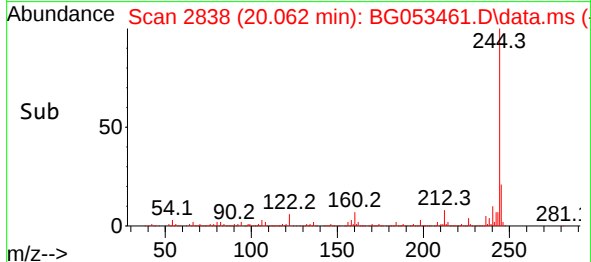
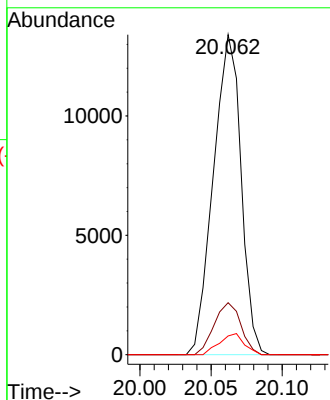
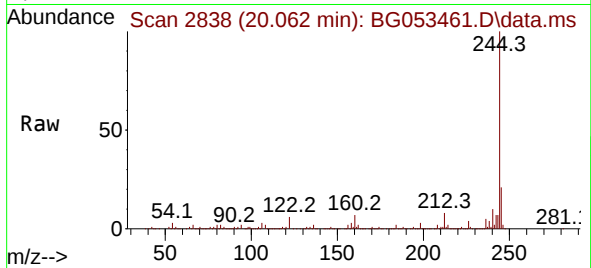




#77
Benzidine
Concen: 4.310 ng
RT: 20.062 min Scan# 21
Delta R.T. 0.373 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

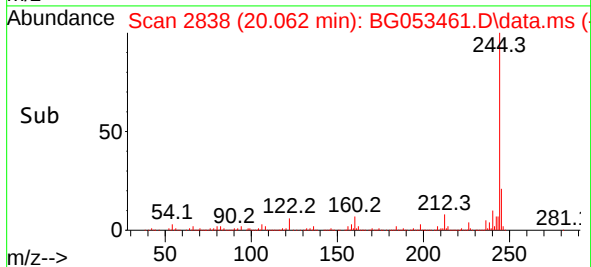
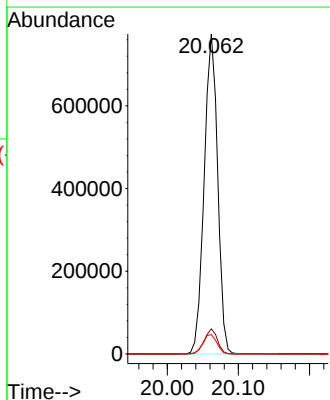
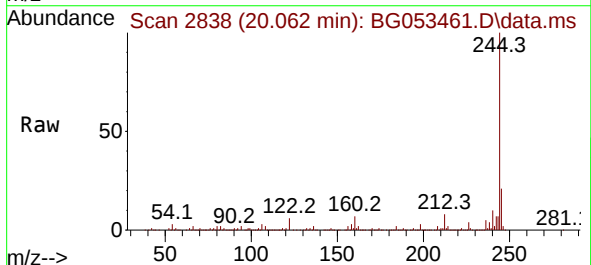
Instrument :
BNA_G
ClientSampleId :
SB-3,8

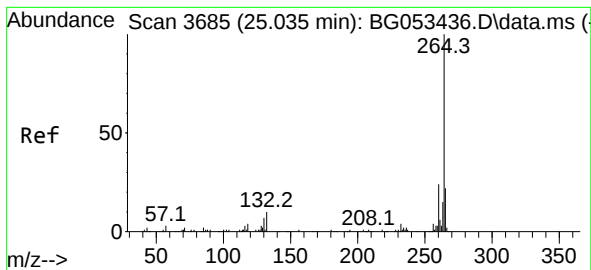
Tgt Ion:184 Resp: 18116
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.6
183 5.9 8.9 13.3#



#79
Terphenyl-d14
Concen: 97.551 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.009 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Tgt Ion:244 Resp: 1021470
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 6.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 30
Delta R.T. -0.021 min
Lab File: BG053461.D
Acq: 5 May 2022 21:51

Instrument :
BNA_G
ClientSampleId :
SB-3,8

Tgt Ion:264 Resp: 202184

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	20.6	17.4	26.2

