

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054186.D
 Acq On : 1 Jul 2022 11:36
 Operator : CG/JU
 Sample : PB145925BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145925BL

Quant Time: Jul 01 23:33:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

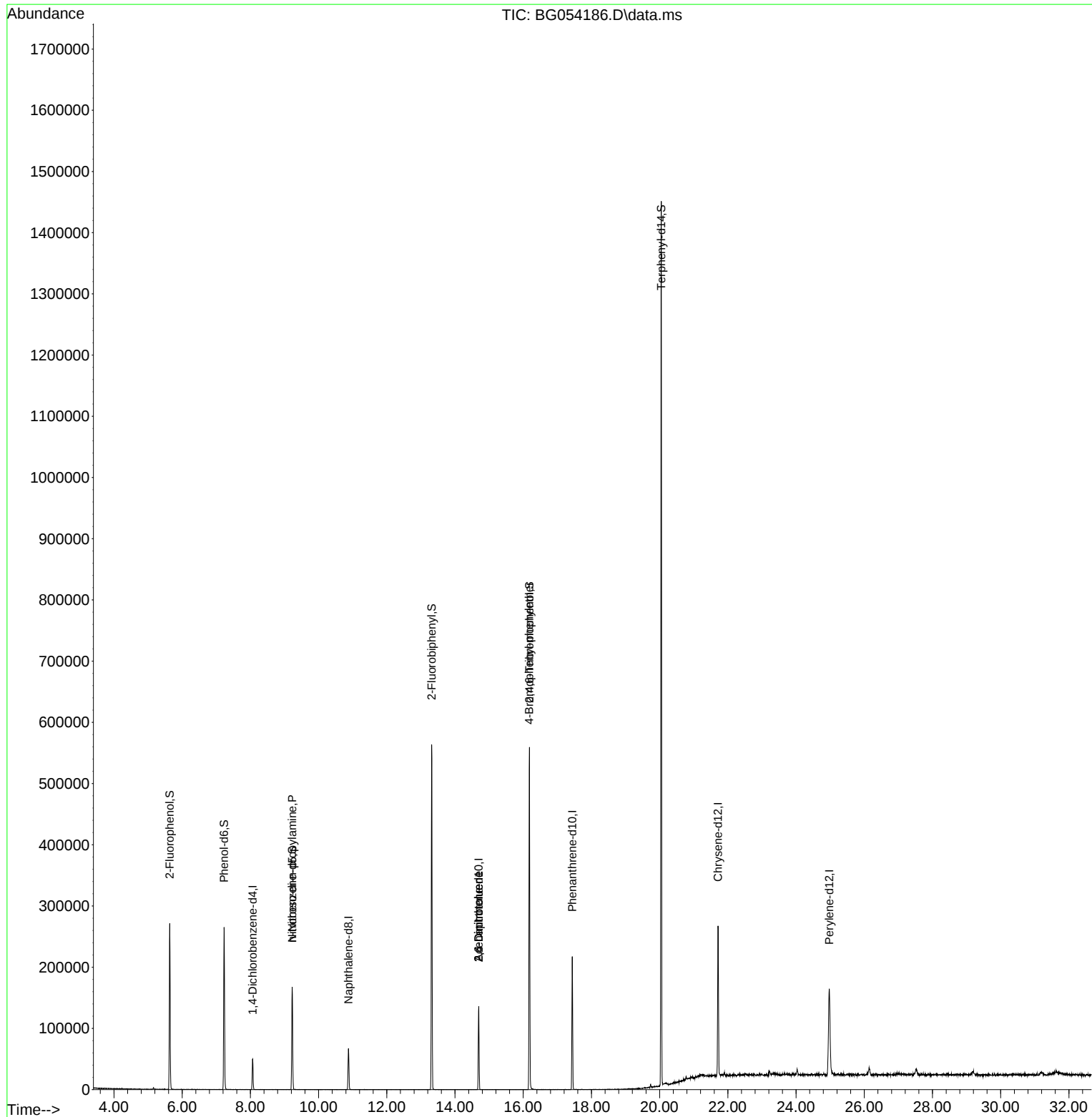
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	16525	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	64734	20.000	ng	# 0.00
39) Acenaphthene-d10	14.695	164	54021	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	160010	20.000	ng	# 0.00
76) Chrysene-d12	21.711	240	175602	20.000	ng	0.00
86) Perylene-d12	24.972	264	182443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	121242	140.275	ng	0.00
7) Phenol-d6	7.228	99	158844	135.473	ng	0.00
23) Nitrobenzene-d5	9.225	82	106535	92.484	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	144124	166.052	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	327860	88.253	ng	0.00
79) Terphenyl-d14	20.048	244	836231	95.912	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.225	70	14632	18.575	ng	# 83
51) 2,6-Dinitrotoluene	14.695	165	7272	8.748	ng	# 16
57) 2,4-Dinitrotoluene	14.695	165	7272	6.195	ng	# 21
67) 4-Bromophenyl-phenylether	16.176	248	9497	4.752	ng	# 1

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

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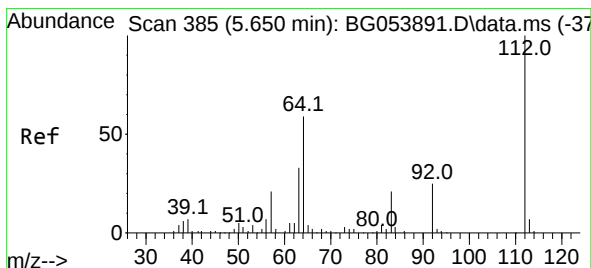
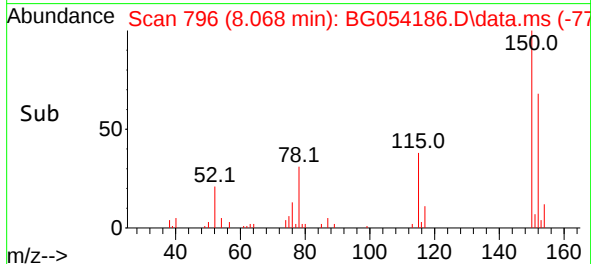
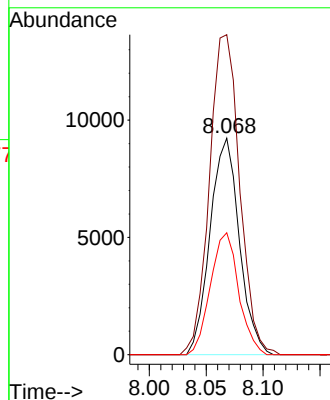
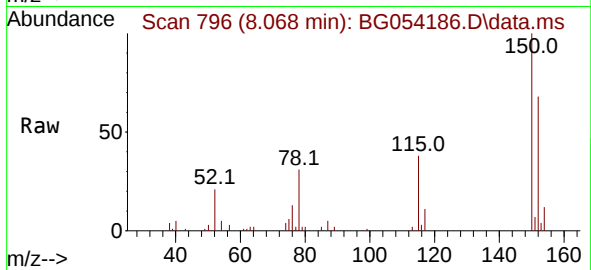




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.068 min Scan# 79
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

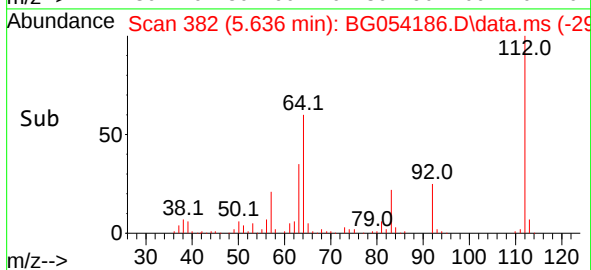
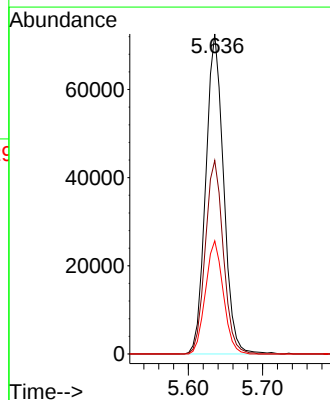
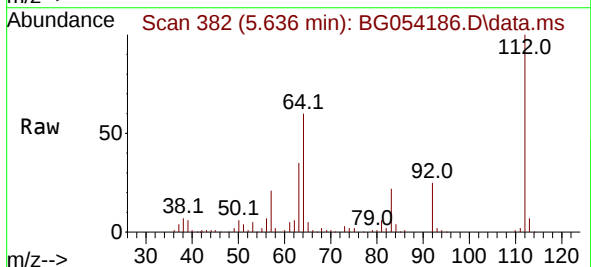
Instrument :
BNA_G
ClientSampleId :
PB145925BL

Tgt Ion:152 Resp: 16525
Ion Ratio Lower Upper
152 100
150 147.8 131.6 197.4
115 56.3 50.9 76.3



#5
2-Fluorophenol
Concen: 140.275 ng
RT: 5.636 min Scan# 382
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

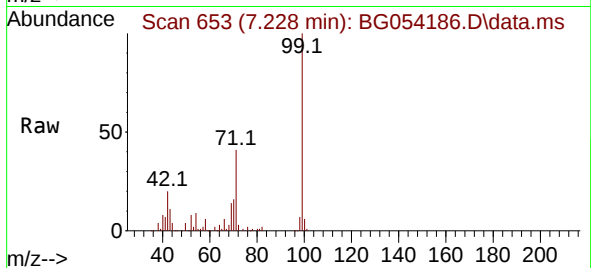
Tgt Ion:112 Resp: 121242
Ion Ratio Lower Upper
112 100
64 60.4 55.1 82.7
63 35.3 30.4 45.6





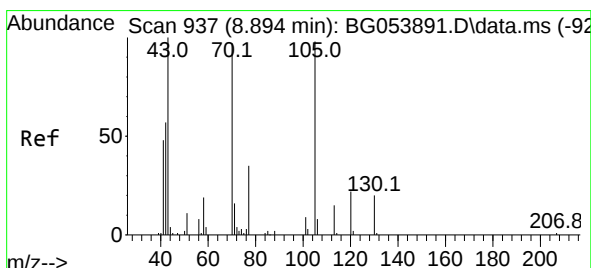
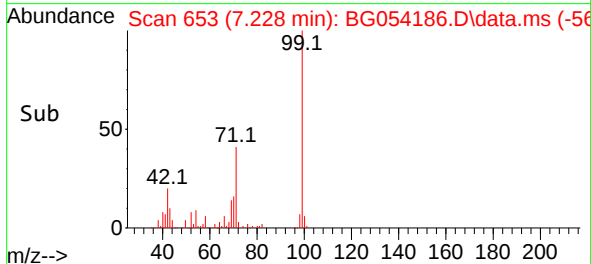
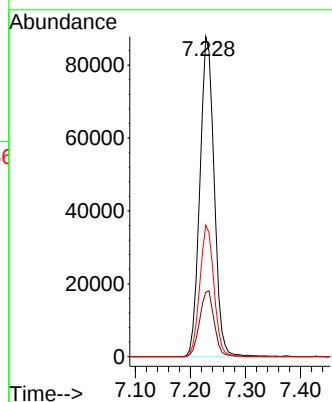
#7
Phenol-d6
Concen: 135.473 ng
RT: 7.228 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

Instrument :
BNA_G
ClientSampleId :
PB145925BL



Tgt Ion: 99 Resp: 158844

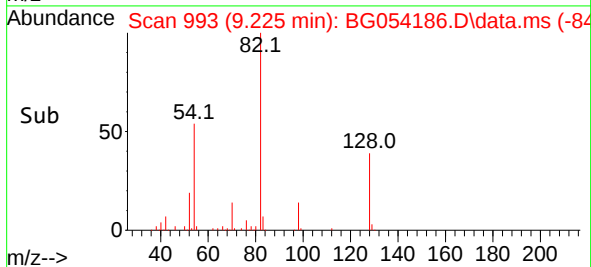
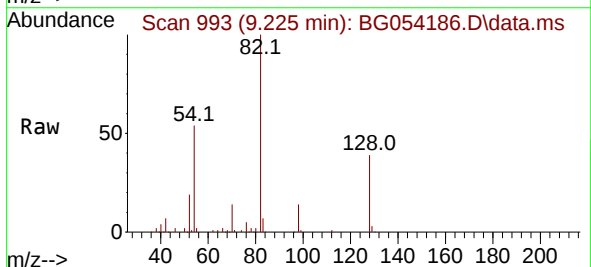
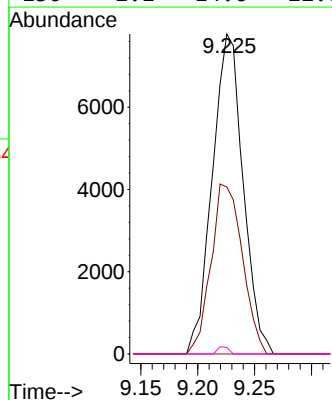
Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.6
71	41.1	33.8	50.8

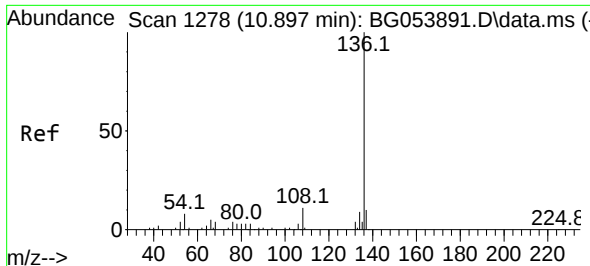


#19
n-Nitroso-di-n-propylamine
Concen: 18.575 ng
RT: 9.225 min Scan# 993
Delta R.T. 0.350 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

Tgt Ion: 70 Resp: 14632

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.3	70.9
101	0.0	7.0	10.4#
130	2.1	14.6	22.0#

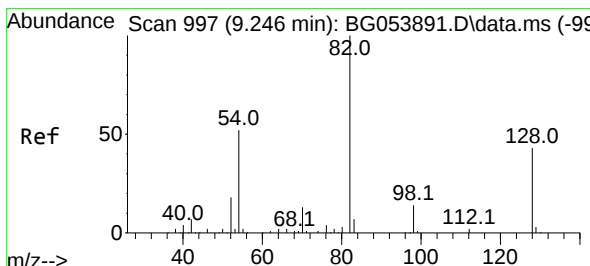
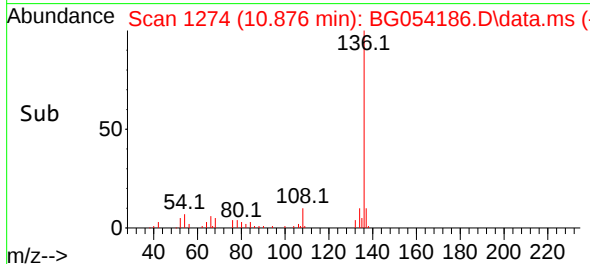
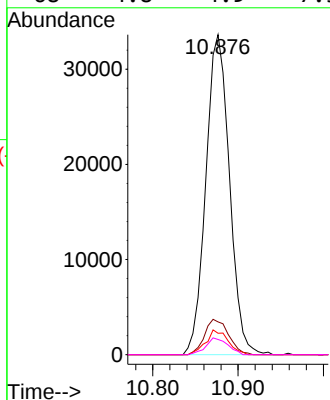
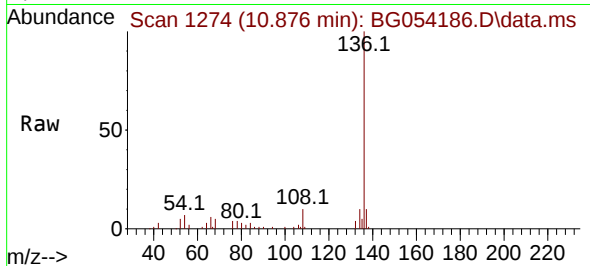




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.876 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

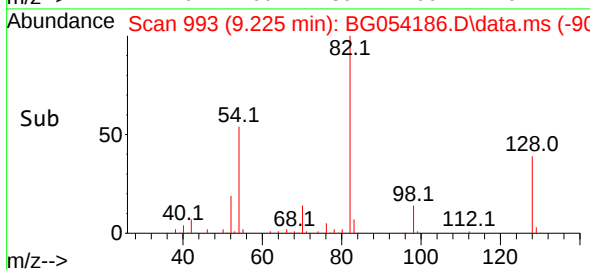
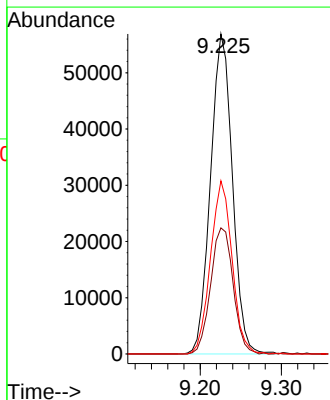
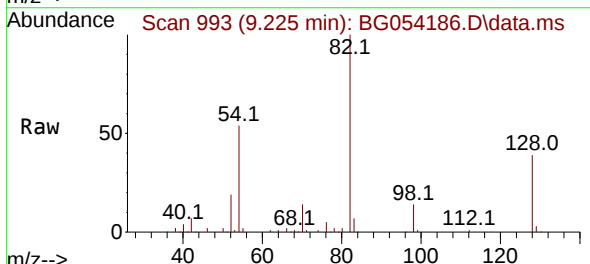
Instrument :
BNA_G
ClientSampleId :
PB145925BL

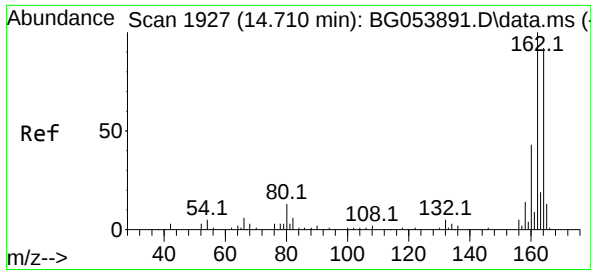
Tgt Ion:136	Resp:	64734
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	6.7	7.4 11.2#
68	4.8	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 92.484 ng
RT: 9.225 min Scan# 993
Delta R.T. -0.008 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

Tgt Ion: 82	Resp:	106535
Ion Ratio	Lower	Upper
82	100	
128	39.4	27.9 41.9
54	54.1	41.2 61.8

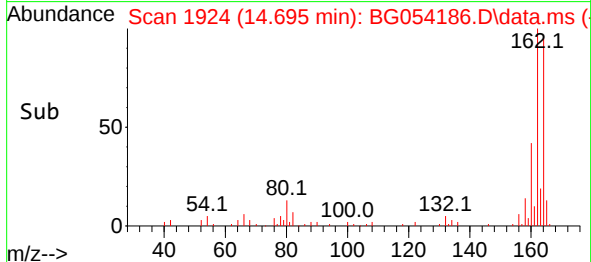
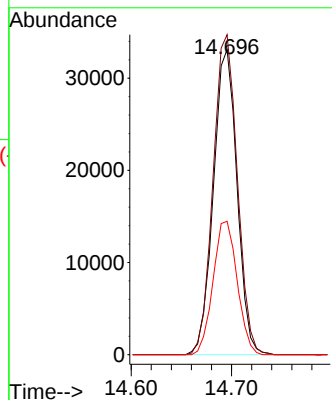
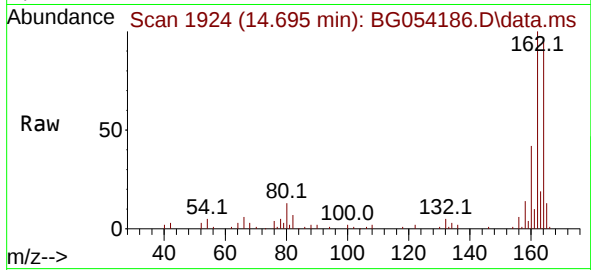




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

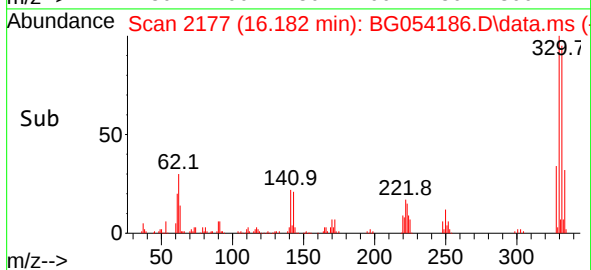
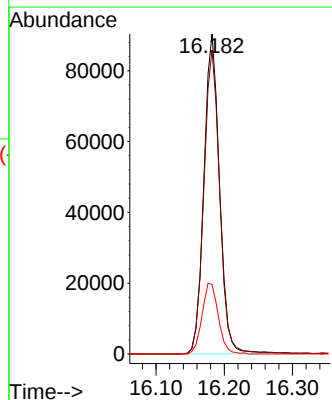
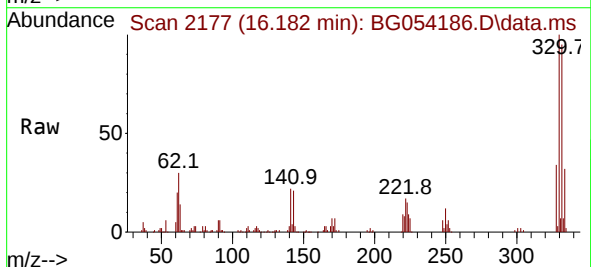
Instrument :
BNA_G
ClientSampleId :
PB145925BL

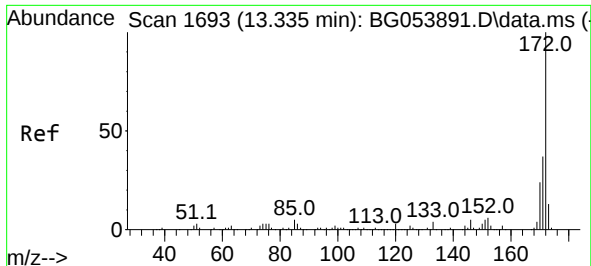
Tgt Ion:164 Resp: 54021
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 43.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 166.052 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

Tgt Ion:330 Resp: 144124
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 22.9 27.1 40.7#

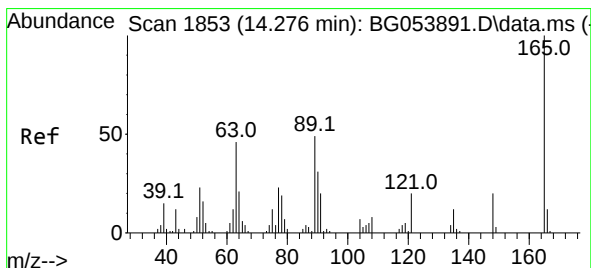
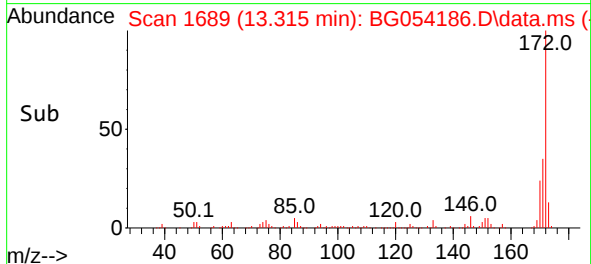
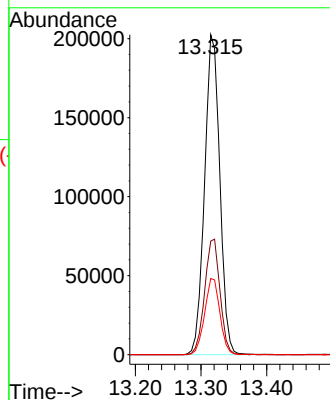
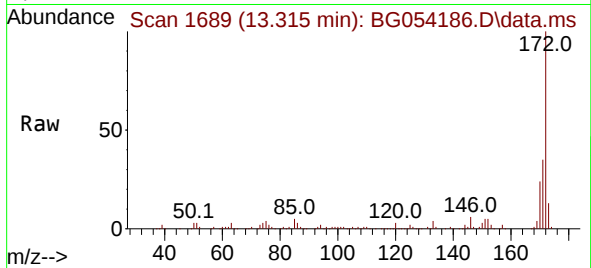




#45
2-Fluorobiphenyl
Concen: 88.253 ng
RT: 13.315 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

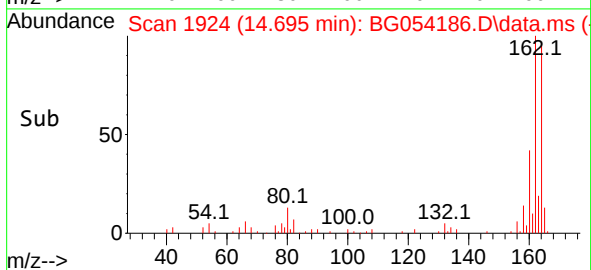
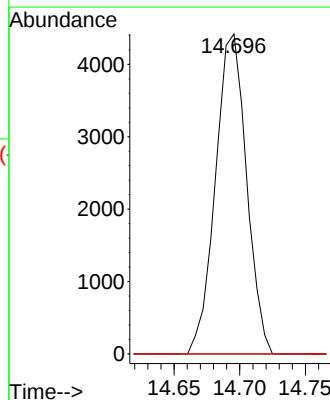
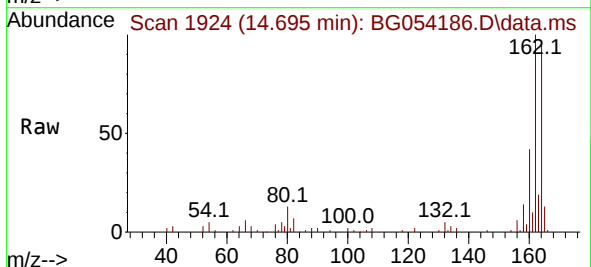
Instrument :
BNA_G
ClientSampleId :
PB145925BL

Tgt Ion:172 Resp: 327860
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.748 ng
RT: 14.695 min Scan# 1924
Delta R.T. 0.432 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

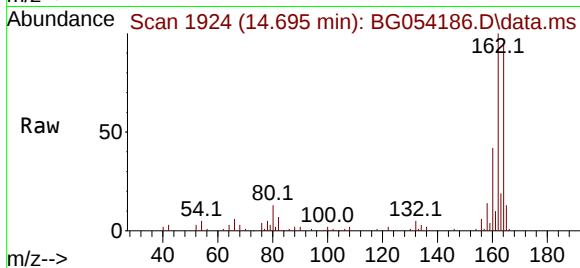
Tgt Ion:165 Resp: 7272
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



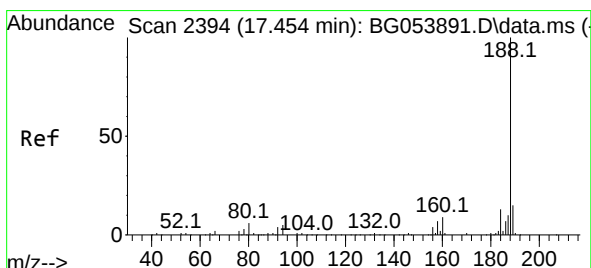
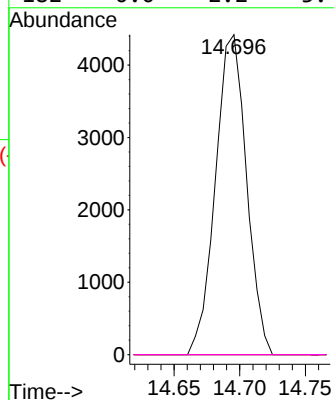
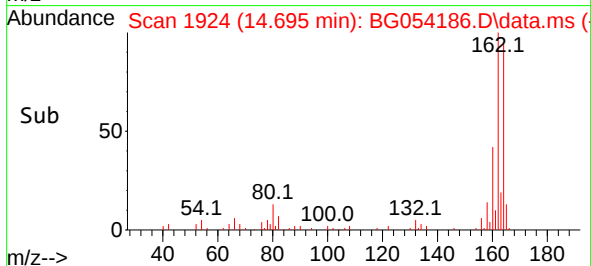


#57
2,4-Dinitrotoluene
Concen: 6.195 ng
RT: 14.695 min Scan# 1987
Delta R.T. -0.355 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

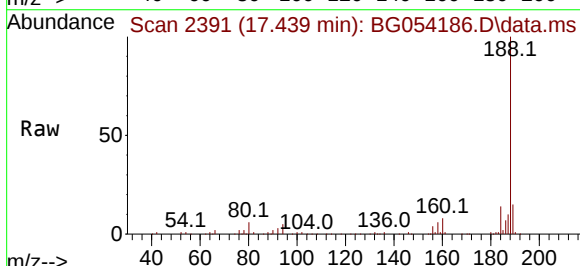
Instrument :
BNA_G
ClientSampleId :
PB145925BL



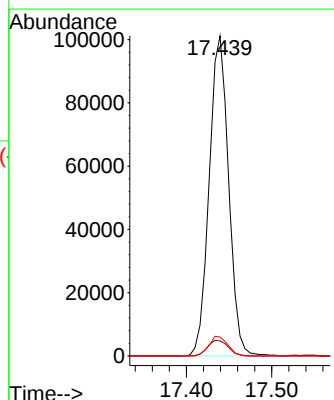
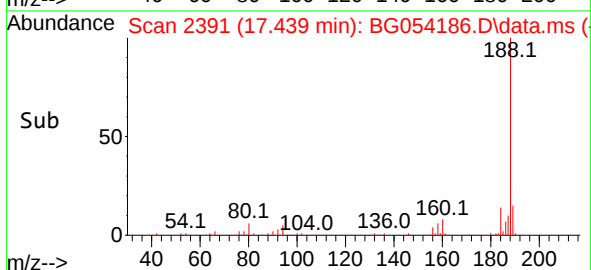
Tgt Ion:165 Resp: 7272
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#

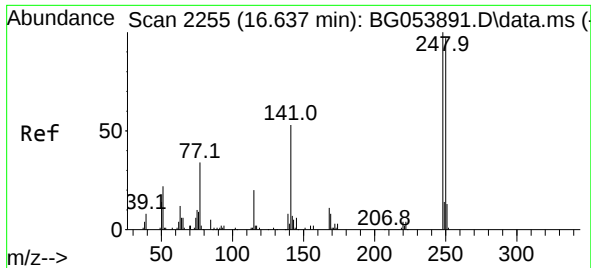


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2391
Delta R.T. -0.002 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36



Tgt Ion:188 Resp: 160010
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 5.9 6.8 10.2#

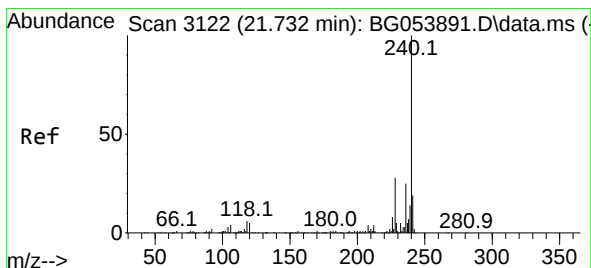
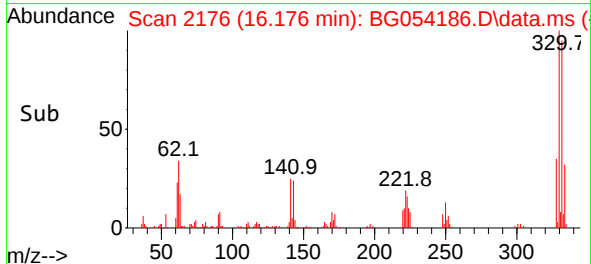
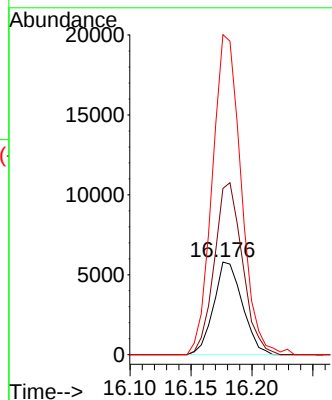
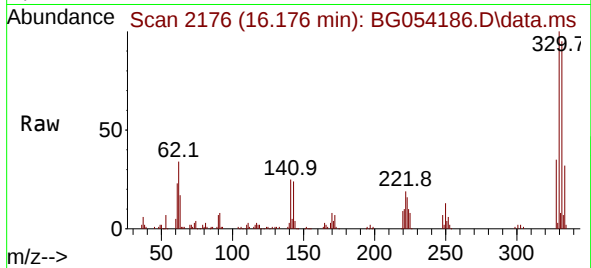




#67
4-Bromophenyl-phenylether
Concen: 4.752 ng
RT: 16.176 min Scan# 2117
Delta R.T. -0.449 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

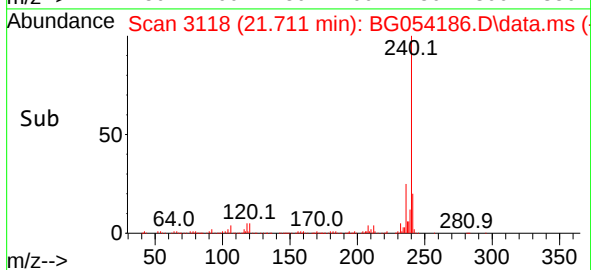
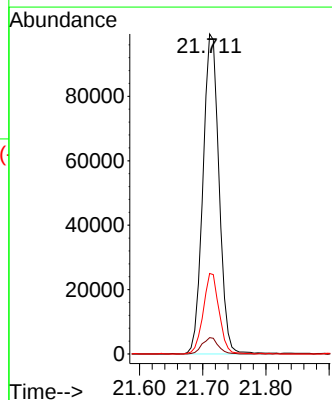
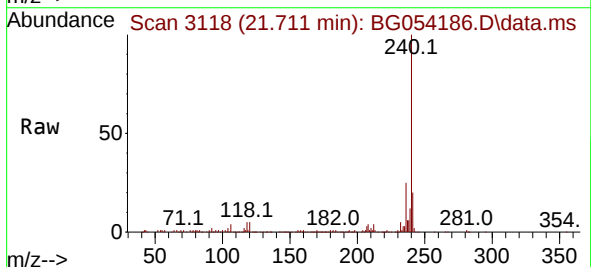
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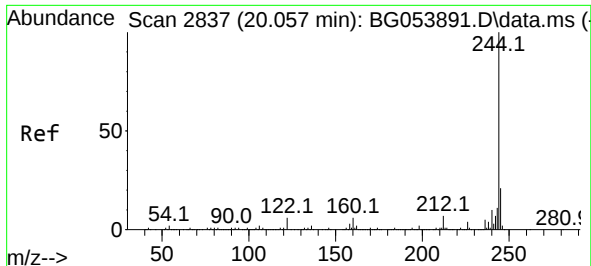
Tgt Ion:248 Resp: 9497
Ion Ratio Lower Upper
248 100
250 228.5 75.2 112.8#
141 345.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.711 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BG054186.D
Acq: 1 Jul 2022 11:36

Tgt Ion:240 Resp: 175602
Ion Ratio Lower Upper
240 100
120 5.1 4.6 7.0
236 25.1 20.2 30.4

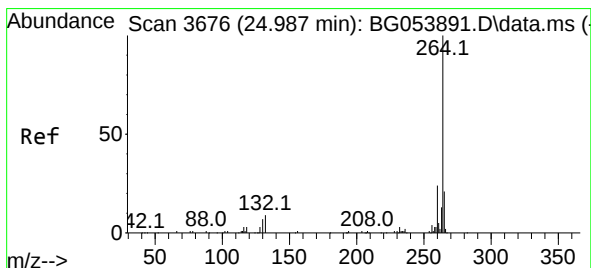
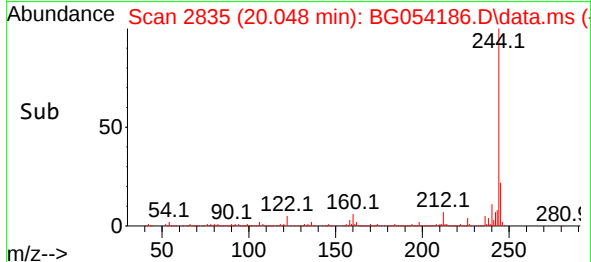
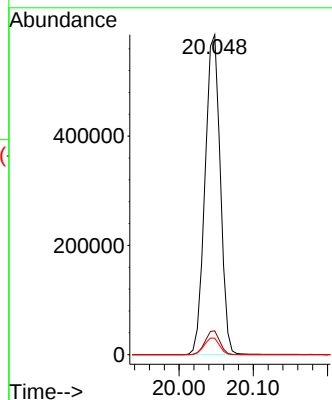
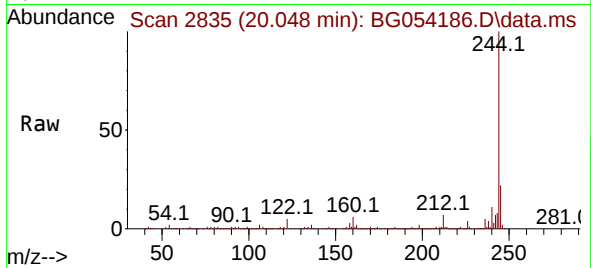




#79
 Terphenyl-d14
 Concen: 95.912 ng
 RT: 20.048 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054186.D
 Acq: 1 Jul 2022 11:36

Instrument :
 BNA_G
 ClientSampleId :
 PB145925BL

Tgt Ion:244 Resp: 836231
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.972 min Scan# 3673
 Delta R.T. 0.009 min
 Lab File: BG054186.D
 Acq: 1 Jul 2022 11:36

Tgt Ion:264 Resp: 182443
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.3 17.4 26.2

