

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054081.D
 Acq On : 26 Jun 2022 20:32
 Operator : CG/JU
 Sample : N3488-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-15-17-20220623

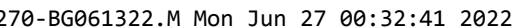
Quant Time: Jun 27 00:32:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	28166	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	112809	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	77368	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	204256	20.000	ng	0.00
76) Chrysene-d12	21.710	240	235948	20.000	ng	# 0.00
86) Perylene-d12	24.965	264	233879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	233772	158.685	ng	0.00
7) Phenol-d6	7.233	99	307186	153.709	ng	0.00
23) Nitrobenzene-d5	9.230	82	203489	101.369	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	158211	127.276	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	507170	95.323	ng	0.00
79) Terphenyl-d14	20.047	244	1106197	94.426	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.230	70	27191	20.252	ng	# 77
51) 2,6-Dinitrotoluene	14.695	165	10725	9.009	ng	# 16
57) 2,4-Dinitrotoluene	14.695	165	10725	6.379	ng	# 21
67) 4-Bromophenyl-phenylether	16.181	248	9772	3.831	ng	# 1
77) Benzidine	20.047	184	16245	3.325	ng	# 94

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

Quant Time: Jun 27 00:32:29 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

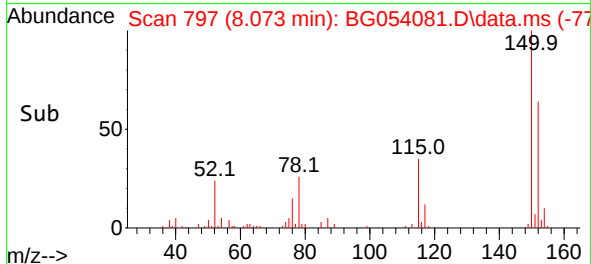
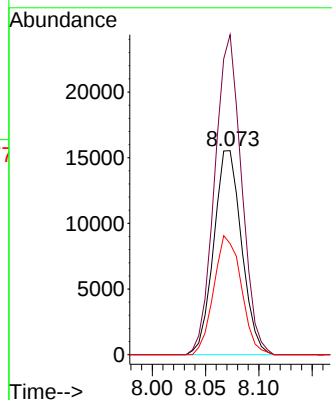
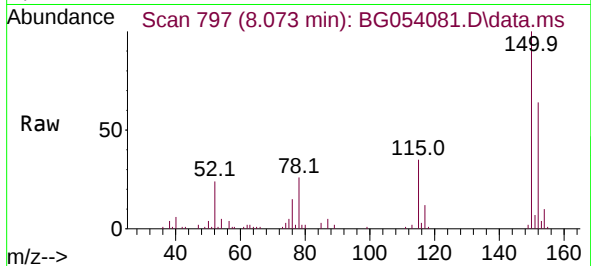




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.073 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

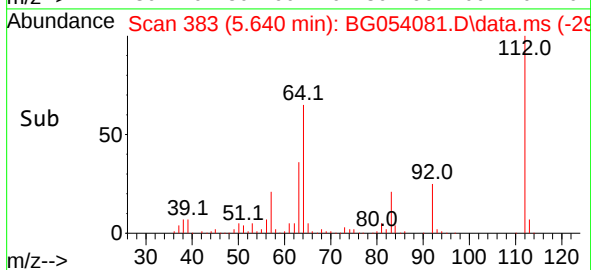
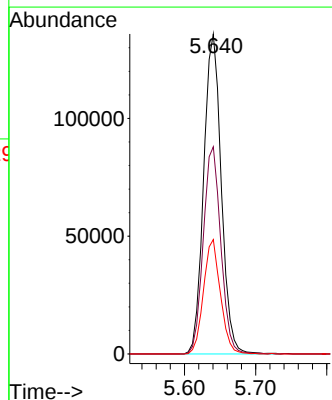
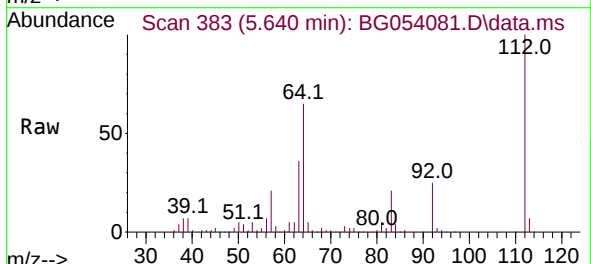
Instrument :
BNA_G
ClientSampleId :
SB-13-15-17-20220623

Tgt Ion:152 Resp: 28166
Ion Ratio Lower Upper
152 100
150 156.8 131.6 197.4
115 54.4 50.9 76.3



#5
2-Fluorophenol
Concen: 158.685 ng
RT: 5.640 min Scan# 383
Delta R.T. 0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Tgt Ion:112 Resp: 233772
Ion Ratio Lower Upper
112 100
64 64.8 55.1 82.7
63 35.8 30.4 45.6

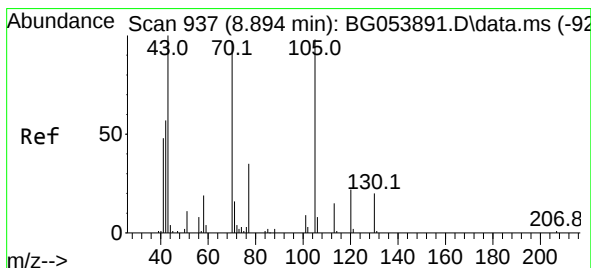
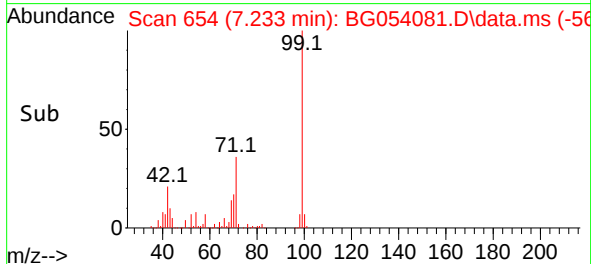
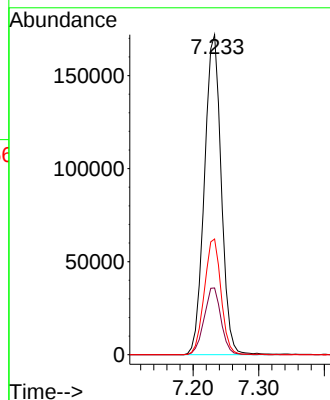
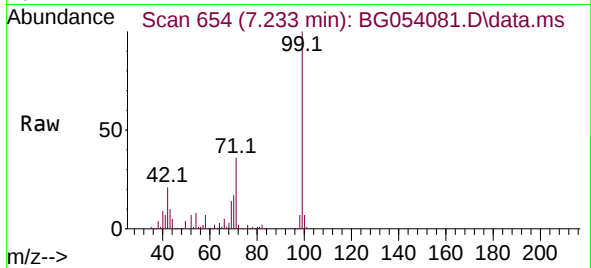




#7
Phenol-d6
Concen: 153.709 ng
RT: 7.233 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

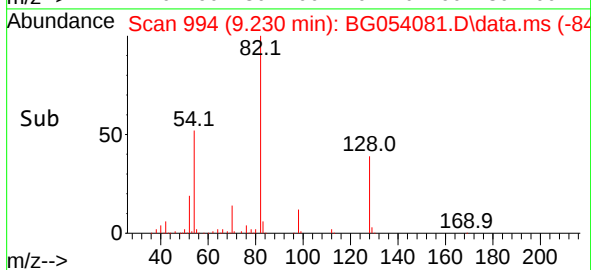
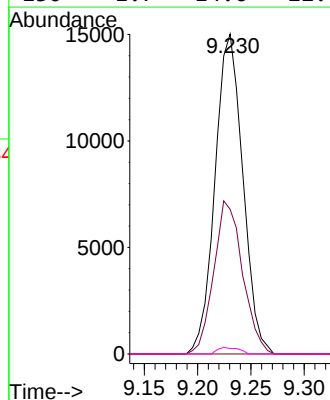
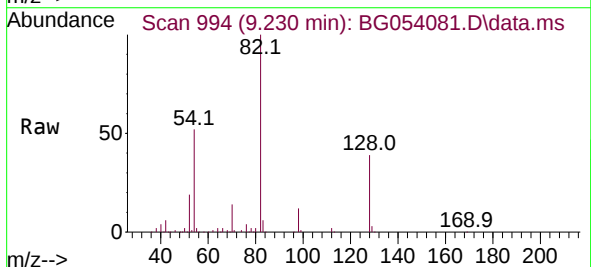
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ClientSampleId :
SB-13-15-17-20220623

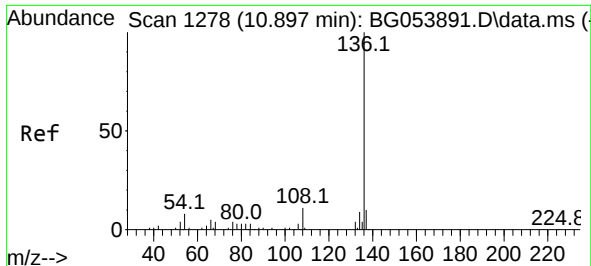
Tgt Ion: 99 Resp: 307186
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 36.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.252 ng
RT: 9.230 min Scan# 994
Delta R.T. 0.355 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Tgt Ion: 70 Resp: 27191
Ion Ratio Lower Upper
70 100
42 45.2 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#

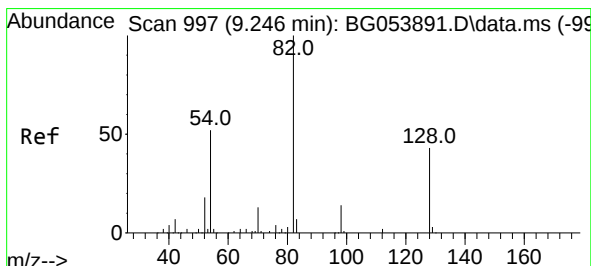
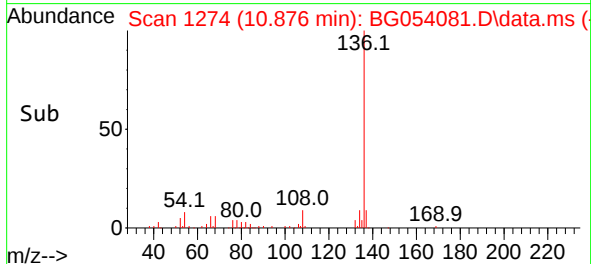
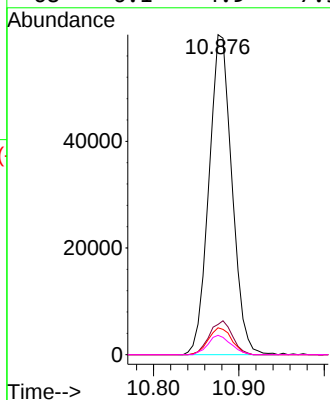
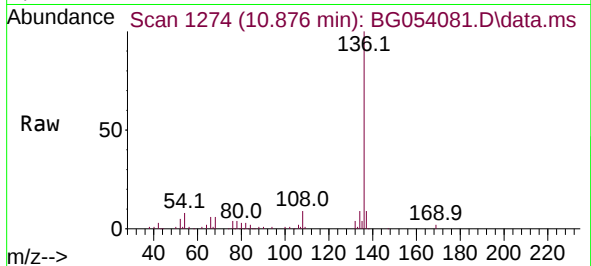




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.876 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

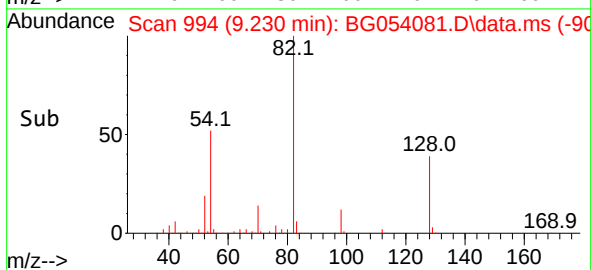
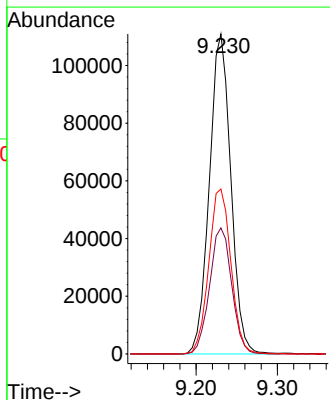
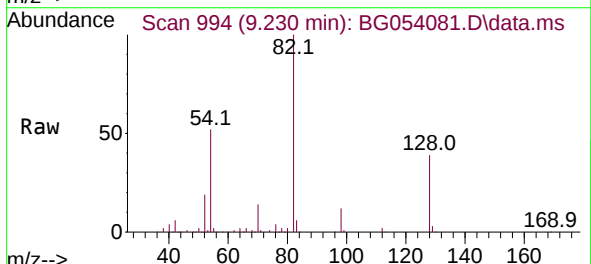
Instrument :
BNA_G
ClientSampleId :
SB-13-15-17-20220623

Tgt Ion:136	Resp: 112809
Ion Ratio	Lower Upper
136 100	
137 9.5	8.5 12.7
54 8.4	7.4 11.2
68 6.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 101.369 ng
RT: 9.230 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Tgt Ion: 82	Resp: 203489
Ion Ratio	Lower Upper
82 100	
128 39.4	27.9 41.9
54 51.6	41.2 61.8

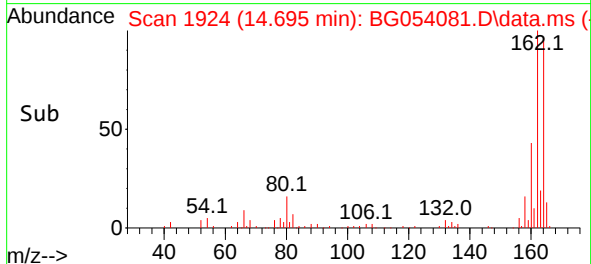
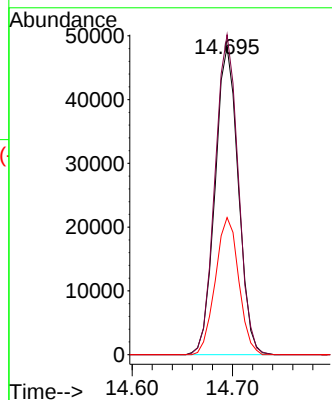
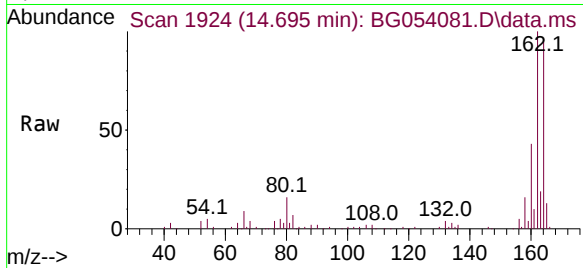




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

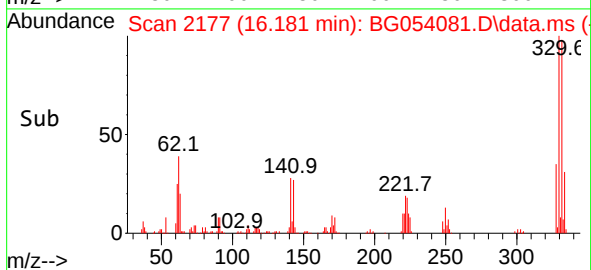
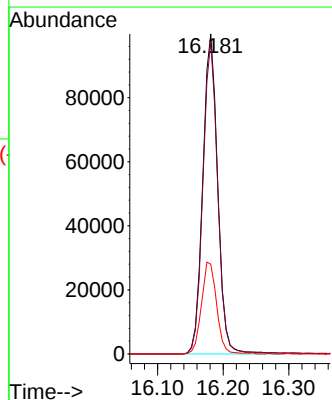
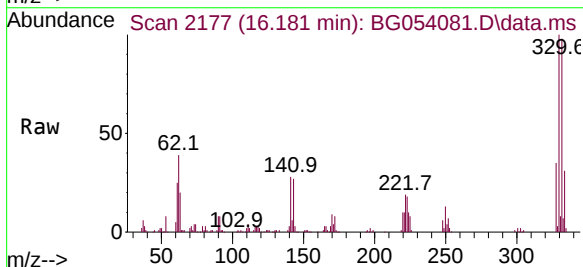
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ClientSampleId :
SB-13-15-17-20220623

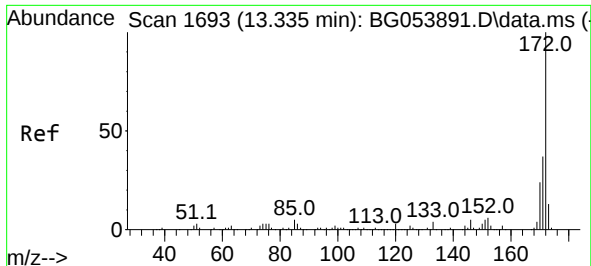
Tgt Ion:164 Resp: 77368
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 44.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 127.276 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Tgt Ion:330 Resp: 158211
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 29.1 27.1 40.7

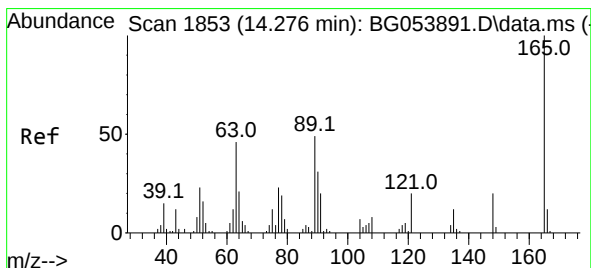
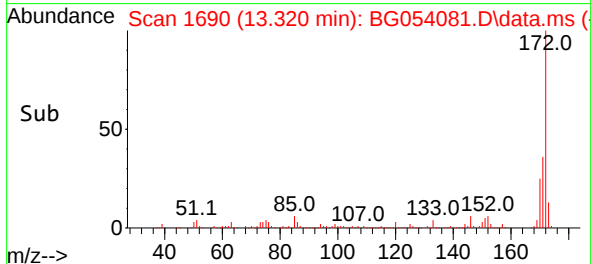
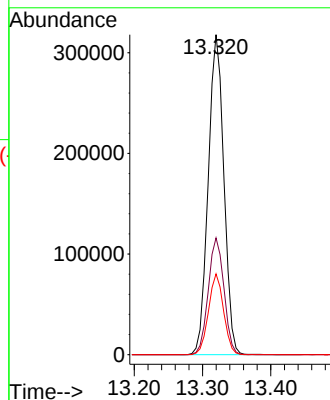
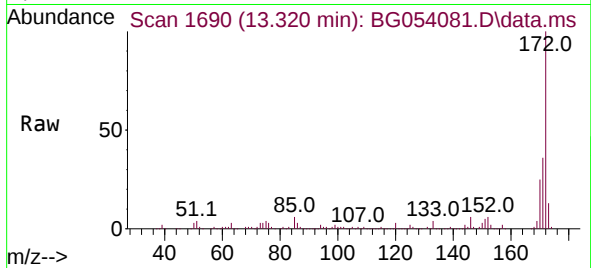




#45
2-Fluorobiphenyl
Concen: 95.323 ng
RT: 13.320 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

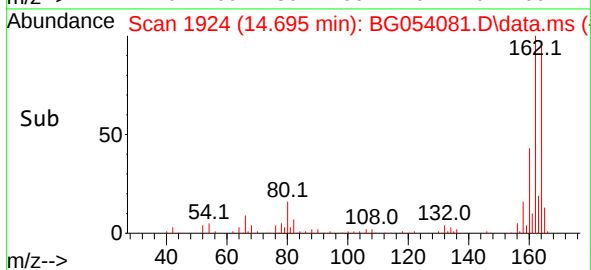
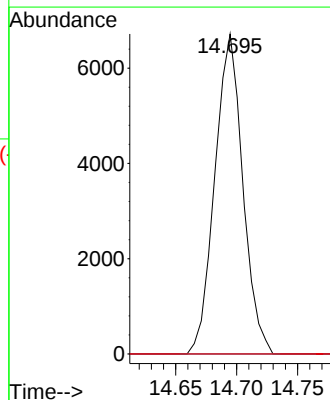
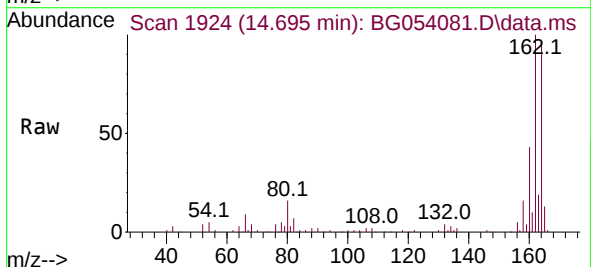
Instrument :
BNA_G
ClientSampleId :
SB-13-15-17-20220623

Tgt Ion:172 Resp: 507170
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 25.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.009 ng
RT: 14.695 min Scan# 1924
Delta R.T. 0.431 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Tgt Ion:165 Resp: 10725
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

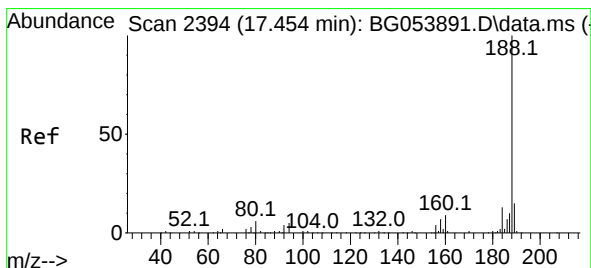
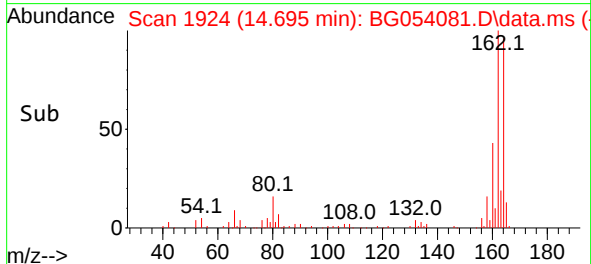
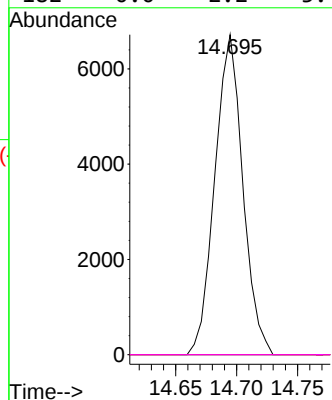
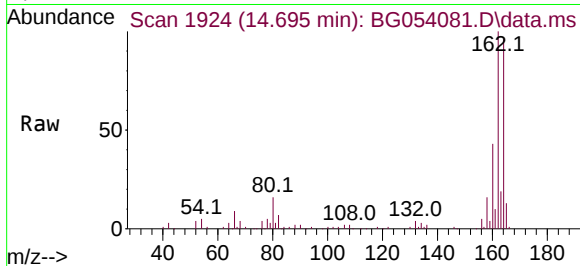




#57
2,4-Dinitrotoluene
Concen: 6.379 ng
RT: 14.695 min Scan# 1987
Delta R.T. -0.356 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

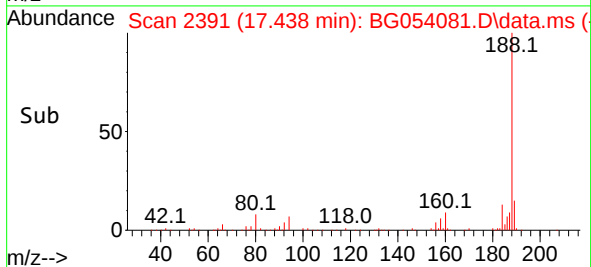
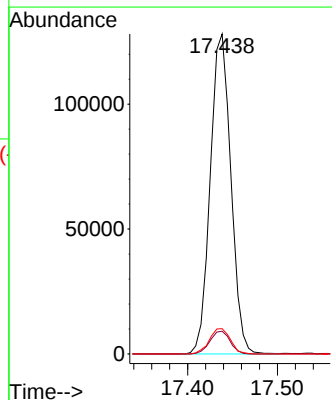
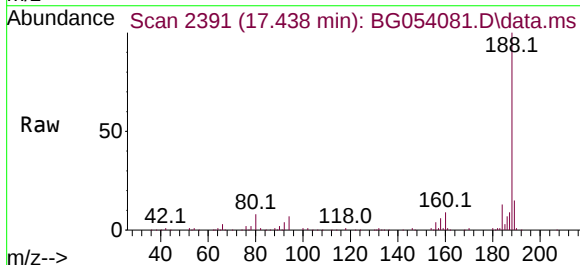
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ClientSampleId :
SB-13-15-17-20220623

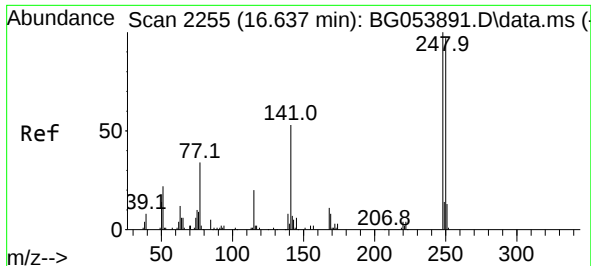
Tgt Ion:165 Resp: 10725
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.438 min Scan# 2391
Delta R.T. -0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Tgt Ion:188 Resp: 204256
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.9 6.8 10.2

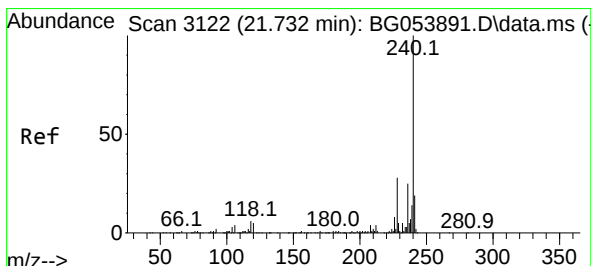
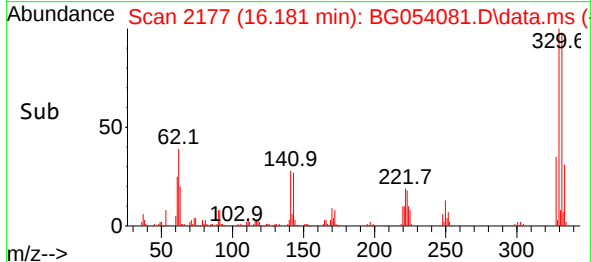
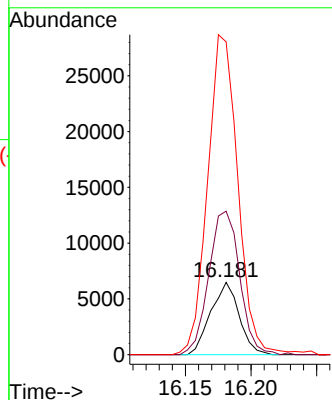
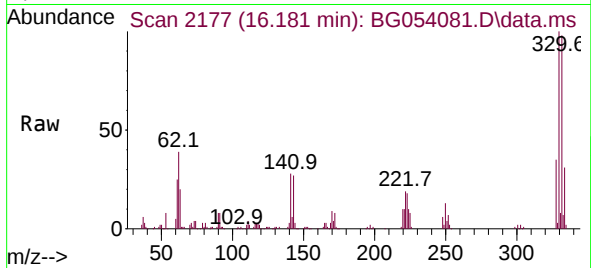




#67
4-Bromophenyl-phenylether
Concen: 3.831 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.444 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

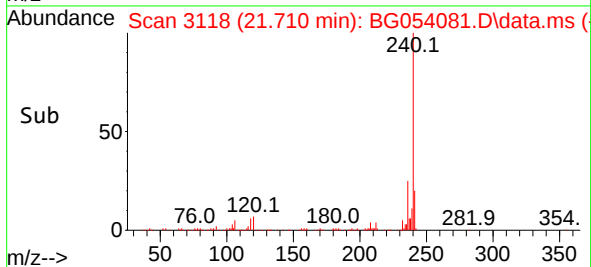
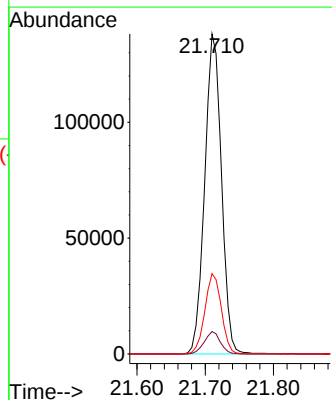
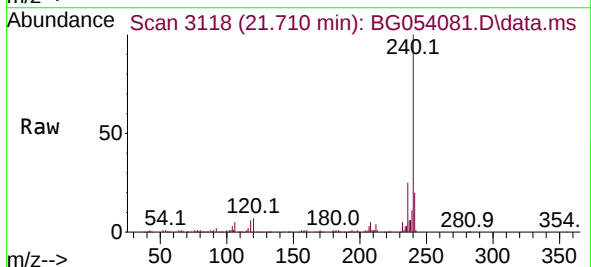
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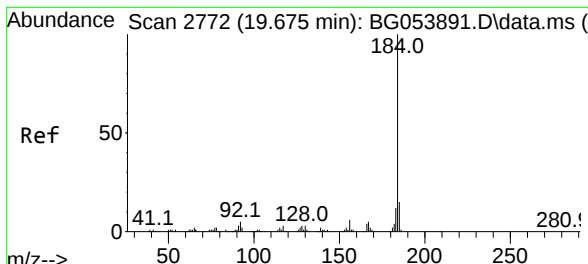
Tgt Ion:248 Resp: 9772
Ion Ratio Lower Upper
248 100
250 150.4 75.2 112.8#
141 327.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Tgt Ion:240 Resp: 235948
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 25.1 20.2 30.4





#77

Benzidine

Concen: 3.325 ng

RT: 20.047 min Scan# 2835

Delta R.T. 0.384 min

Lab File: BG054081.D

Acq: 26 Jun 2022 20:32

Instrument :

BNA_G

ClientSampleId :

SB-13-15-17-20220623

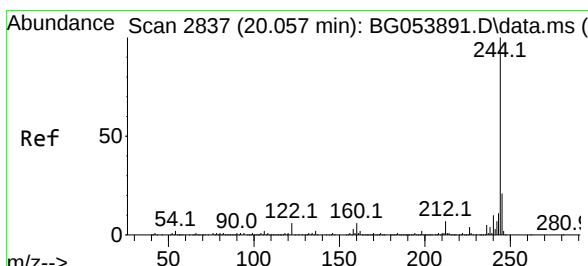
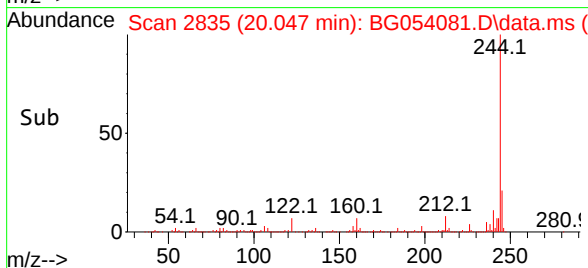
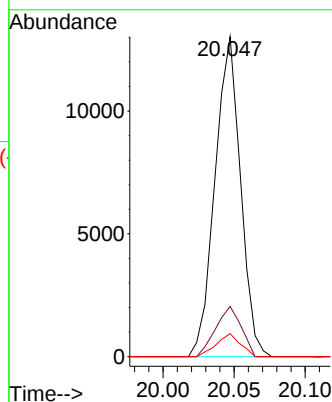
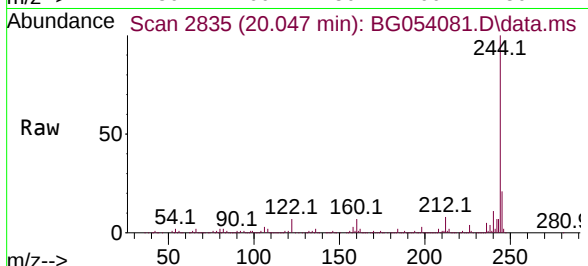
Tgt Ion:184 Resp: 16245

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.6

183 7.2 8.9 13.3#



#79

Terphenyl-d14

Concen: 94.426 ng

RT: 20.047 min Scan# 2835

Delta R.T. 0.003 min

Lab File: BG054081.D

Acq: 26 Jun 2022 20:32

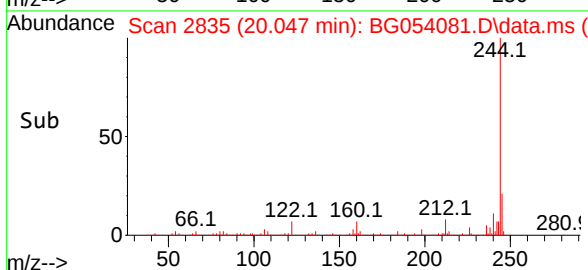
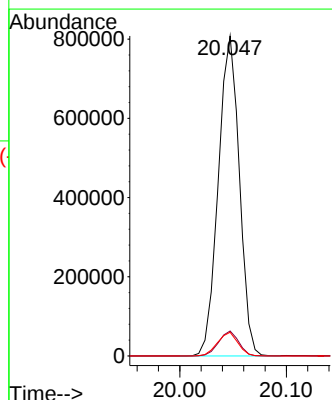
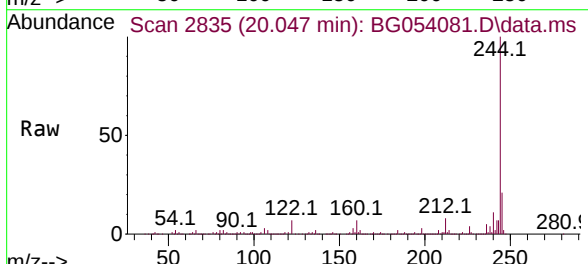
Tgt Ion:244 Resp: 1106197

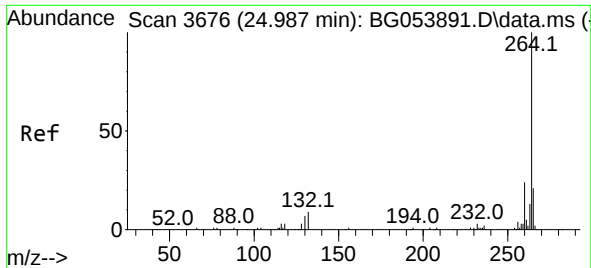
Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

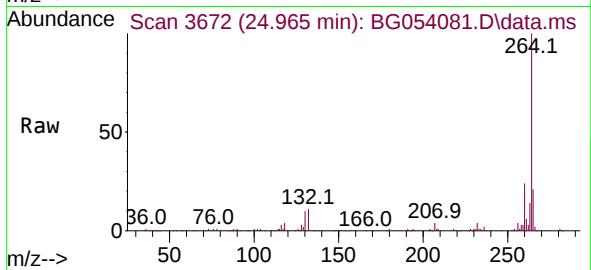
122 7.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.965 min Scan# 30
Delta R.T. 0.003 min
Lab File: BG054081.D
Acq: 26 Jun 2022 20:32

Instrument :
BNA_G
ClientSampleId :
SB-13-15-17-20220623



Tgt Ion:264 Resp: 233879

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.3	17.4	26.2

