

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053095.D
 Acq On : 11 Apr 2022 10:58
 Operator : CG/JU
 Sample : PB143996BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143996BL

Quant Time: Apr 12 06:06:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

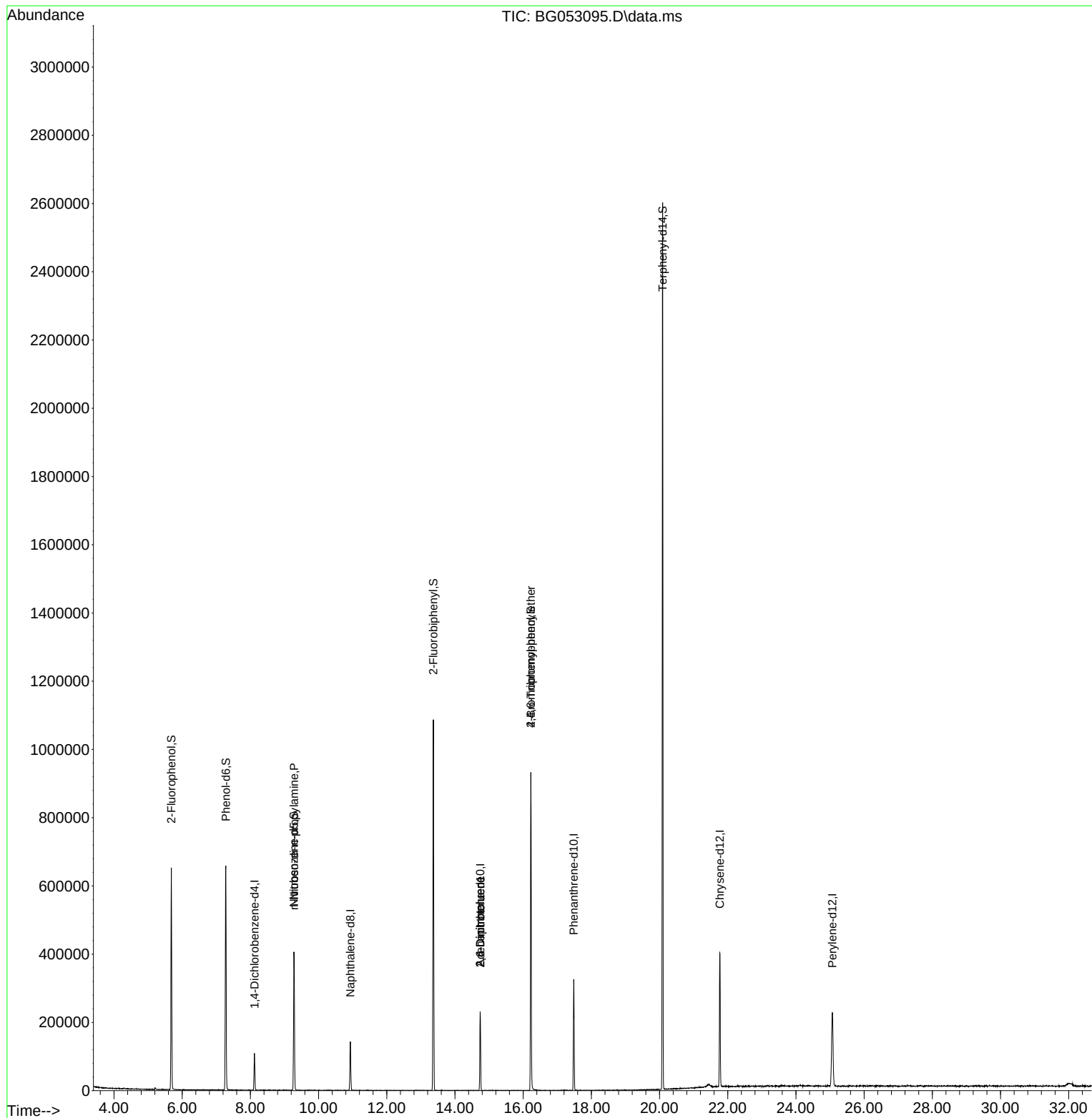
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	28683	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	115271	20.000	ng	# 0.00
39) Acenaphthene-d10	14.740	164	83504	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	212898	20.000	ng	0.00
76) Chrysene-d12	21.766	240	259539	20.000	ng	0.00
86) Perylene-d12	25.067	264	256439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	258476	154.473	ng	0.00
7) Phenol-d6	7.279	99	363991	141.062	ng	0.00
23) Nitrobenzene-d5	9.277	82	260408	91.727	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	186912	140.692	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	574313	94.837	ng	0.00
79) Terphenyl-d14	20.091	244	1363586	88.733	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.282	70	37945	20.086	ng	# 76
51) 2,6-Dinitrotoluene	14.740	165	10609	7.614	ng	# 26
57) 2,4-Dinitrotoluene	14.740	165	10609	5.348	ng	# 25
67) 4-Bromophenyl-phenylether	16.226	248	11874	4.353	ng	# 1

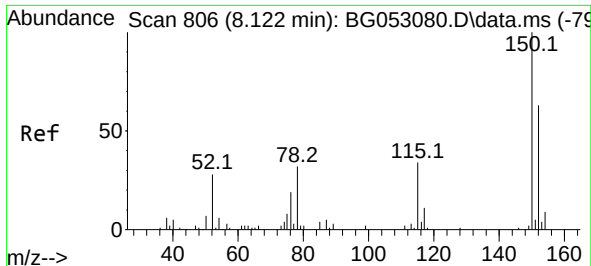
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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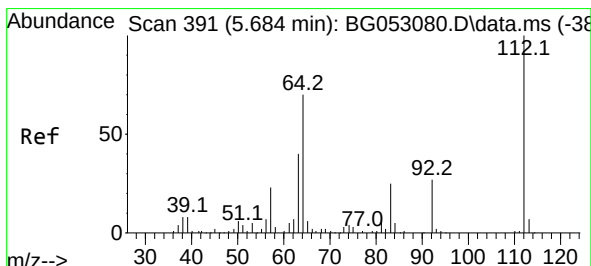
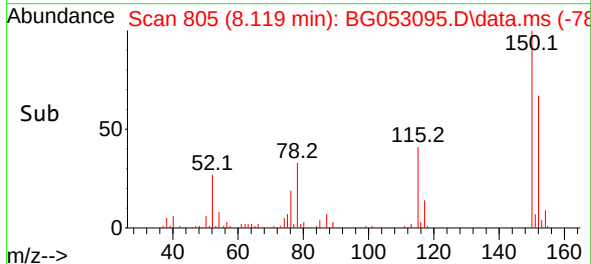
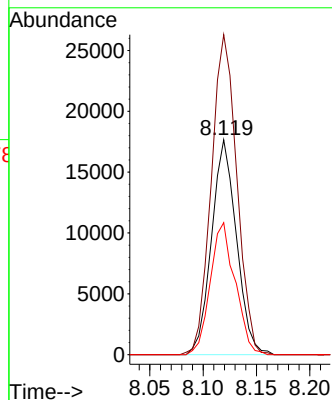
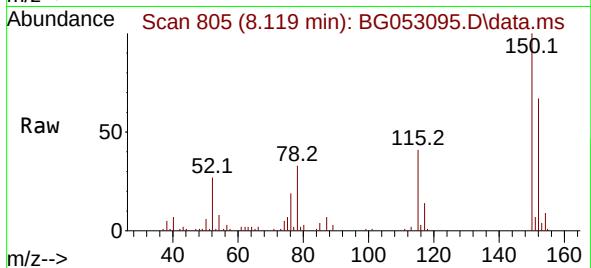




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

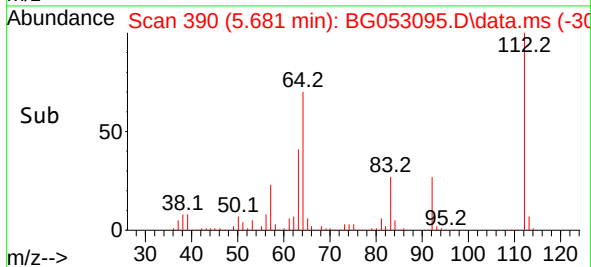
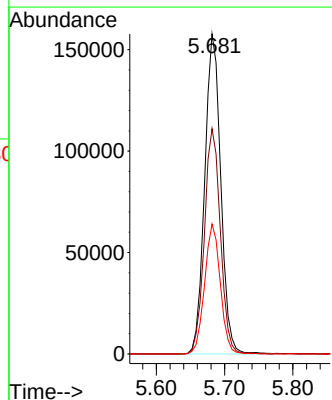
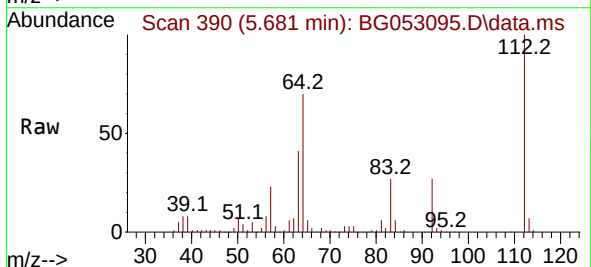
Instrument :
BNA_G
ClientSampleId :
PB143996BL

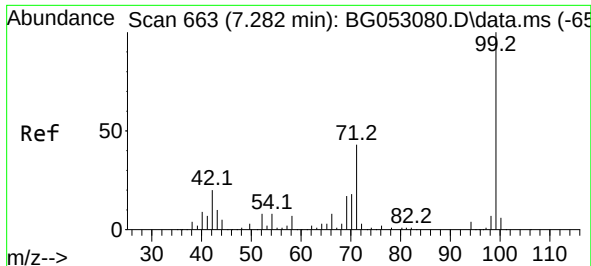
Tgt Ion:152 Resp: 28683
Ion Ratio Lower Upper
152 100
150 148.9 114.6 172.0
115 61.4 45.9 68.9



#5
2-Fluorophenol
Concen: 154.473 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

Tgt Ion:112 Resp: 258476
Ion Ratio Lower Upper
112 100
64 70.4 48.0 72.0
63 40.6 26.5 39.7#

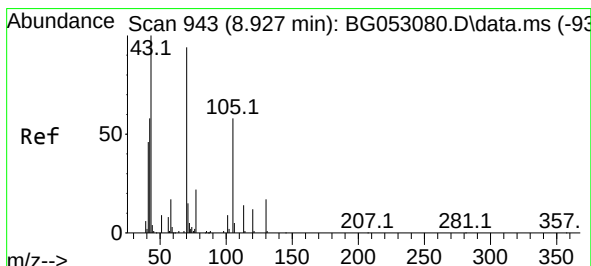
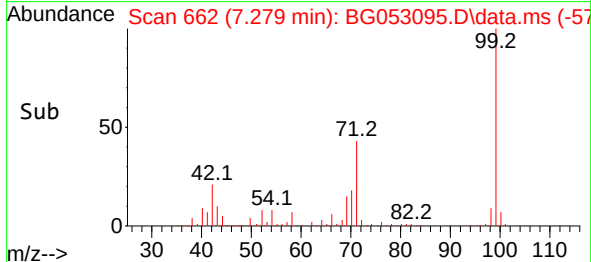
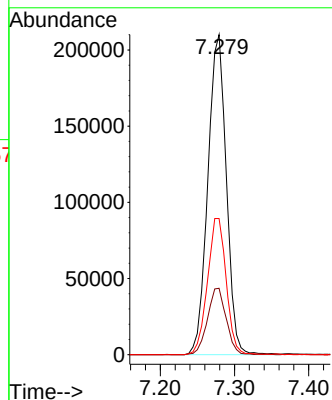
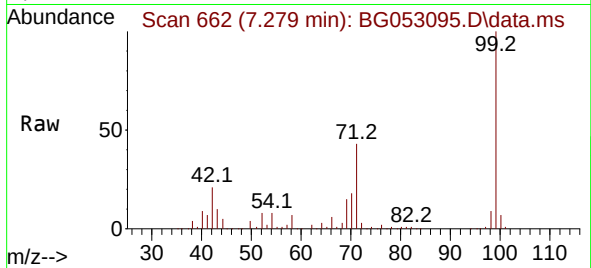




#7
Phenol-d6
Concen: 141.062 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

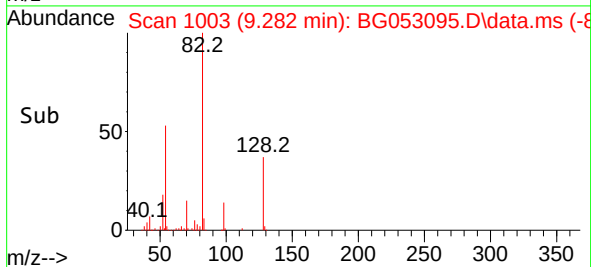
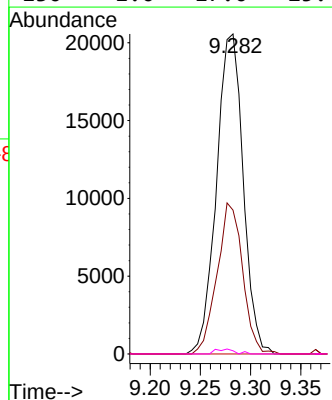
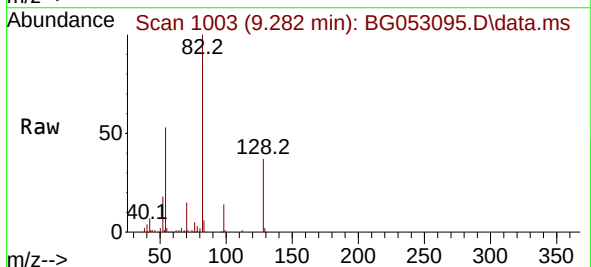
Instrument :
BNA_G
ClientSampleId :
PB143996BL

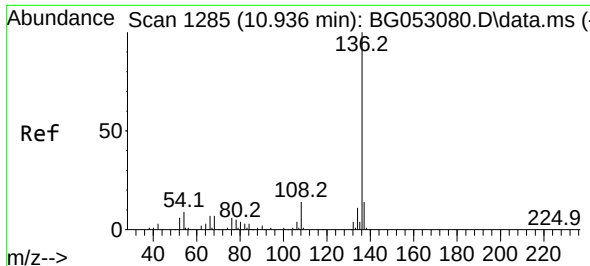
Tgt Ion: 99 Resp: 363991
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 42.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.086 ng
RT: 9.282 min Scan# 1003
Delta R.T. 0.356 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

Tgt Ion: 70 Resp: 37945
Ion Ratio Lower Upper
70 100
42 45.0 46.0 69.0#
101 0.0 6.2 9.4#
130 1.0 17.0 25.4#

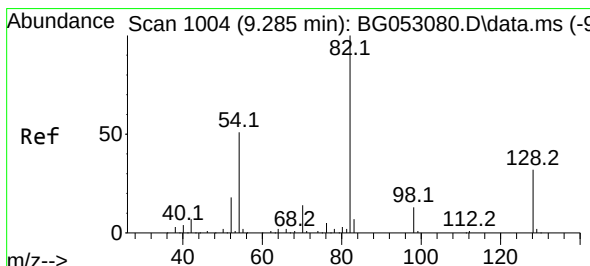
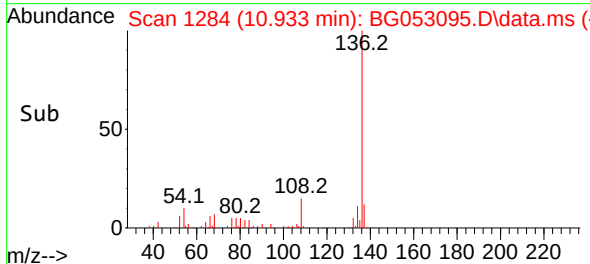
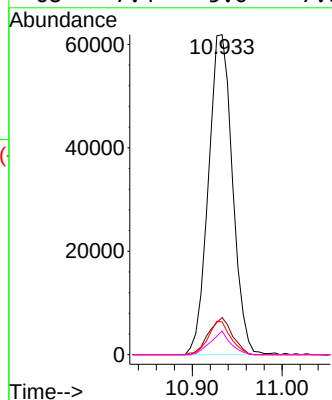
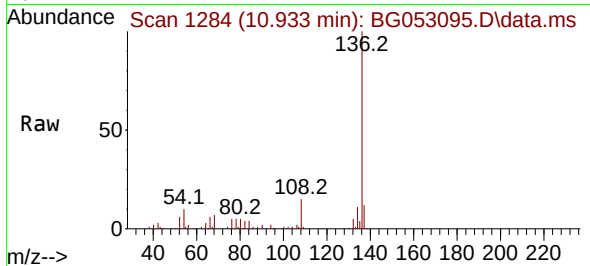




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

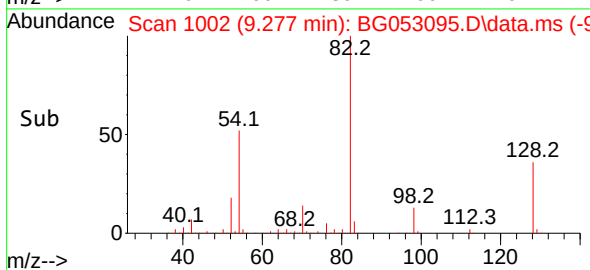
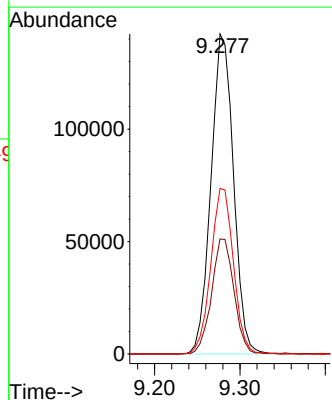
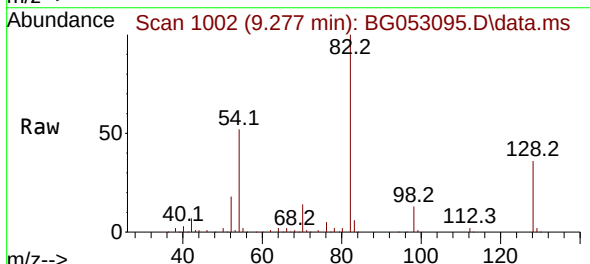
Instrument :
BNA_G
ClientSampleId :
PB143996BL

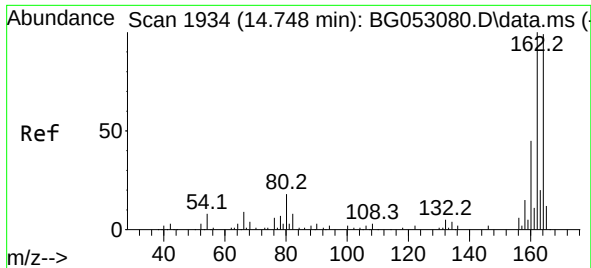
Tgt Ion:136 Resp: 115271
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 10.3 6.4 9.6#
68 7.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 91.727 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

Tgt Ion: 82 Resp: 260408
Ion Ratio Lower Upper
82 100
128 36.0 31.3 46.9
54 51.8 37.8 56.8

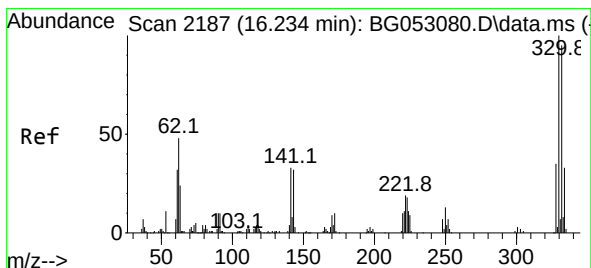
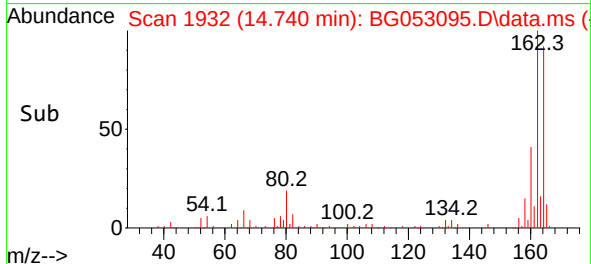
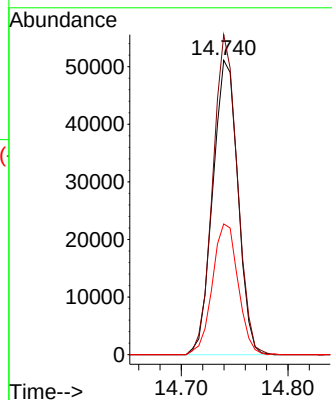
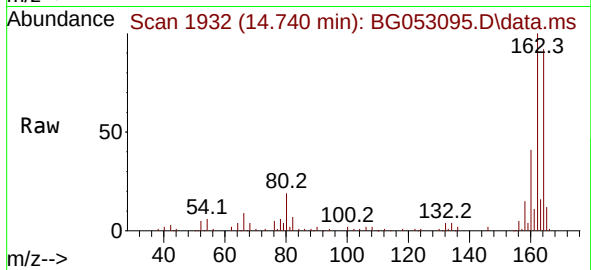




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.740 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

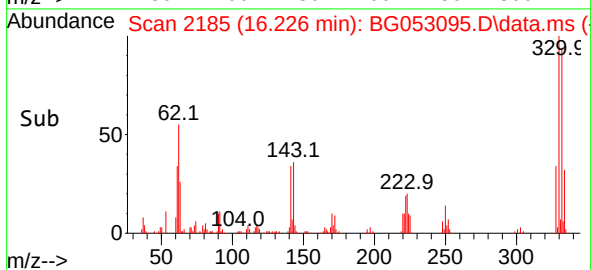
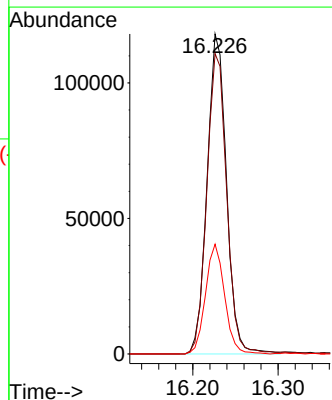
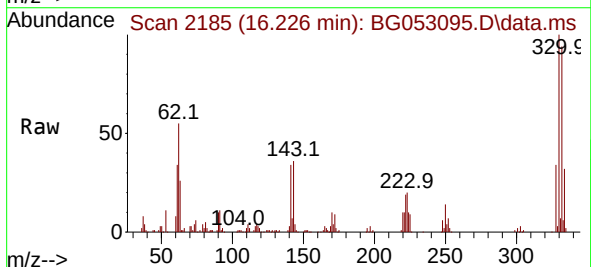
Instrument :
BNA_G
ClientSampleId :
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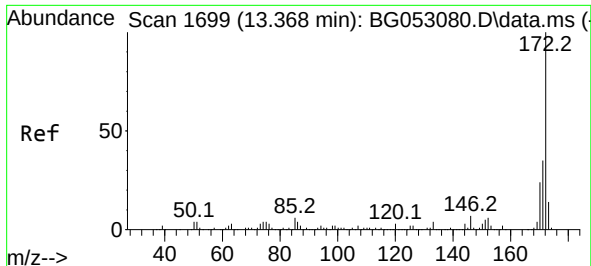
Tgt Ion:164 Resp: 83504
Ion Ratio Lower Upper
164 100
162 108.7 80.0 120.0
160 44.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 140.692 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

Tgt Ion:330 Resp: 186912
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 33.7 24.6 36.8

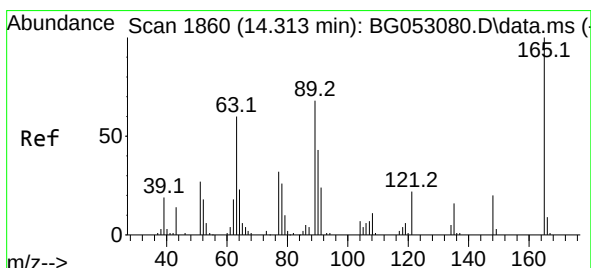
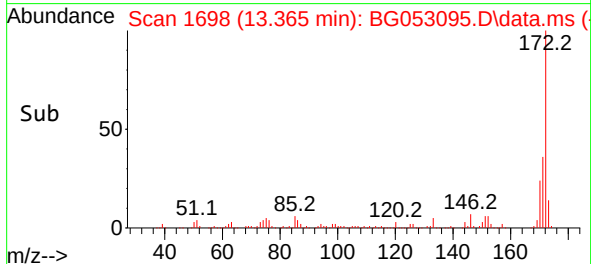
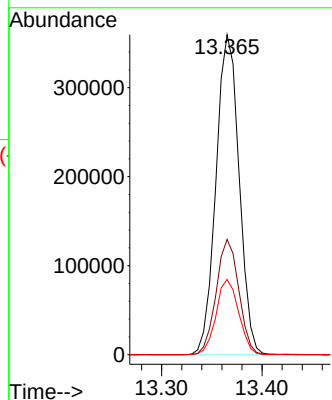
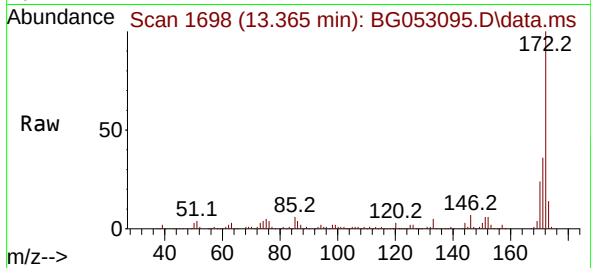




#45
2-Fluorobiphenyl
Concen: 94.837 ng
RT: 13.365 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

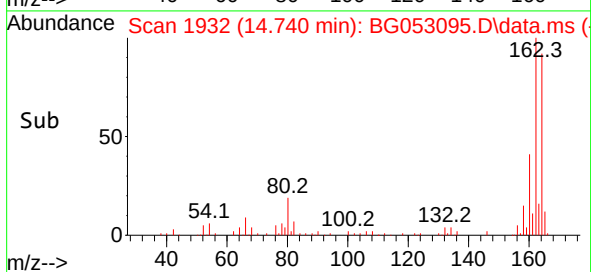
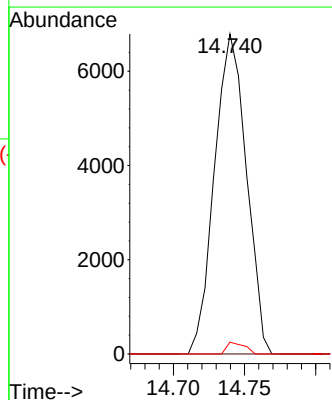
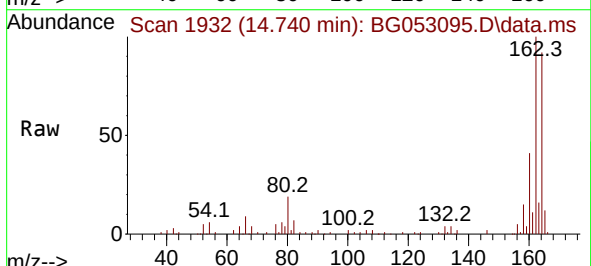
Instrument :
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ClientSampleId :
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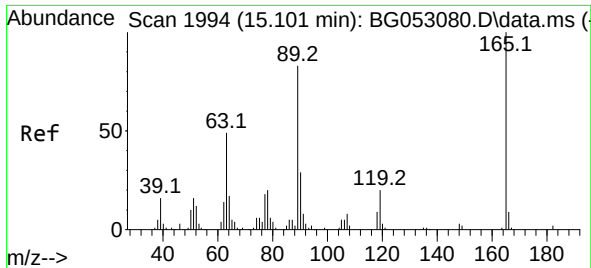
Tgt Ion:172 Resp: 574313
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.614 ng
RT: 14.740 min Scan# 1932
Delta R.T. 0.426 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

Tgt Ion:165 Resp: 10609
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.7 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.348 ng

RT: 14.740 min Scan# 1994

Delta R.T. -0.361 min

Lab File: BG053095.D

Acq: 11 Apr 2022 10:58

Instrument :

BNA_G

ClientSampleId :

PB143996BL

Tgt Ion:165 Resp: 10609

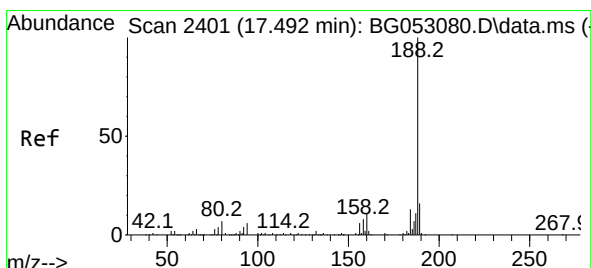
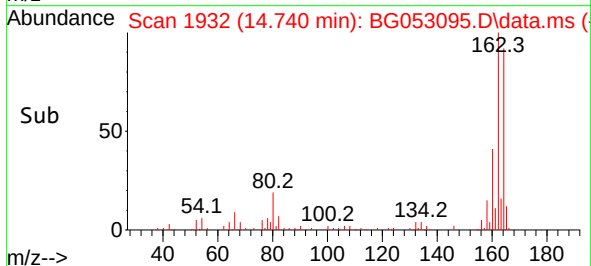
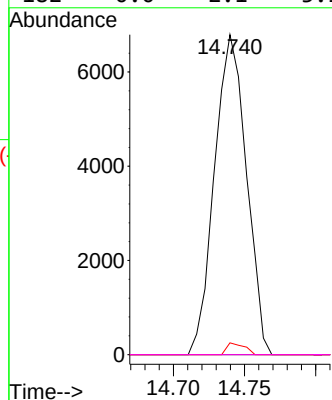
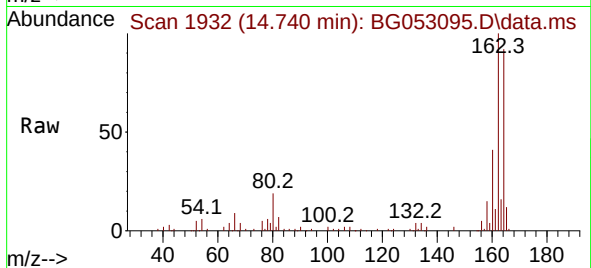
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 3.7 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.483 min Scan# 2399

Delta R.T. -0.008 min

Lab File: BG053095.D

Acq: 11 Apr 2022 10:58

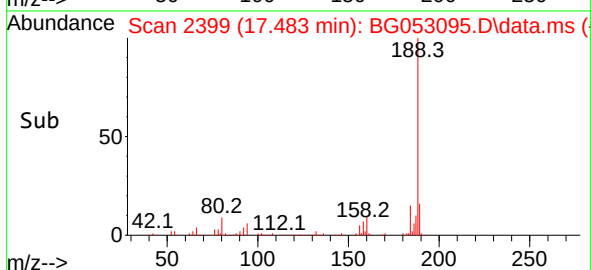
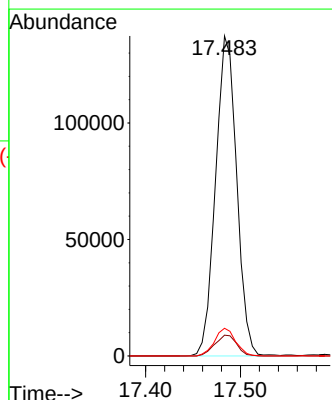
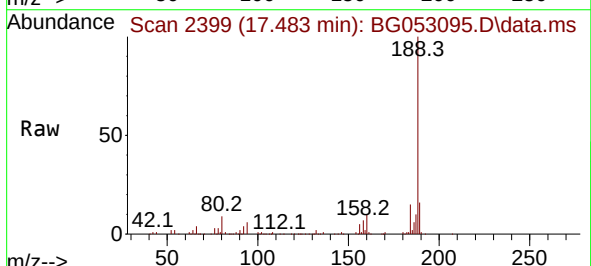
Tgt Ion:188 Resp: 212898

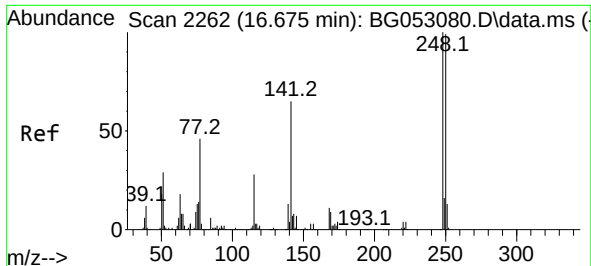
Ion Ratio Lower Upper

188 100

94 6.5 5.7 8.5

80 8.7 7.2 10.8

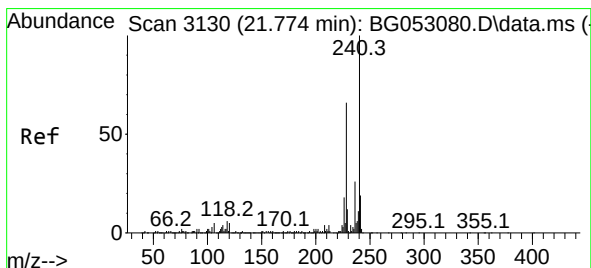
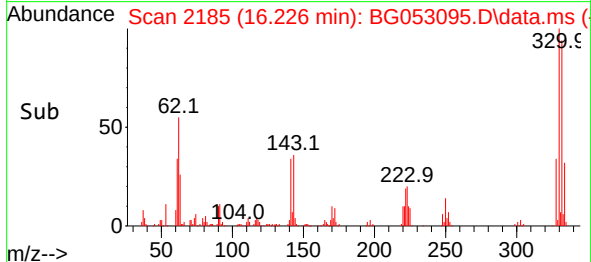
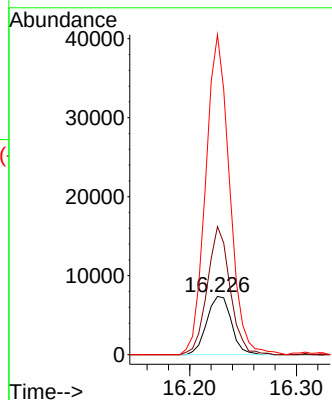
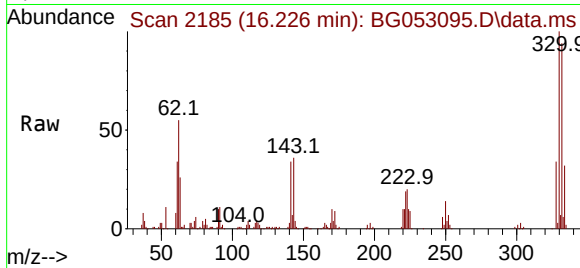




#67
4-Bromophenyl-phenylether
Concen: 4.353 ng
RT: 16.226 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

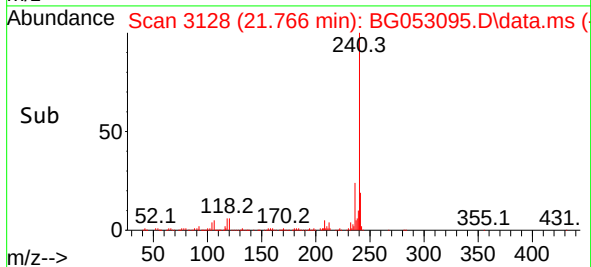
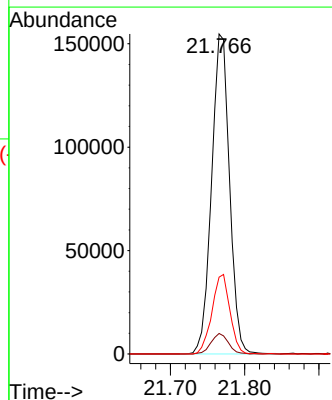
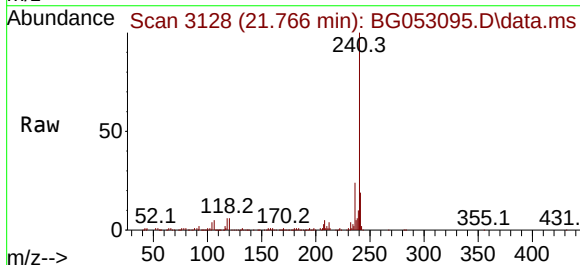
Instrument :
BNA_G
ClientSampleId :
PB143996BL

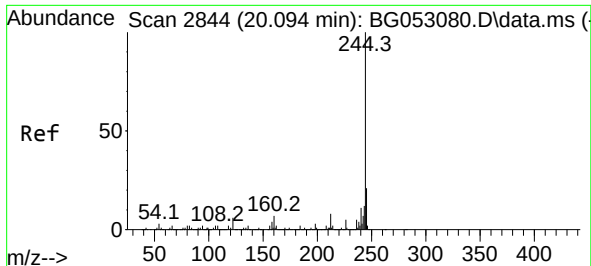
Tgt Ion:248 Resp: 11874
Ion Ratio Lower Upper
248 100
250 220.2 77.9 116.9#
141 549.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053095.D
Acq: 11 Apr 2022 10:58

Tgt Ion:240 Resp: 259539
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.0 19.8 29.6

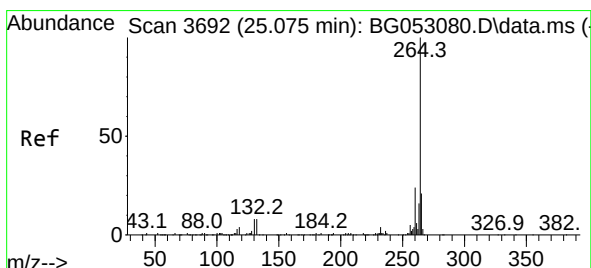
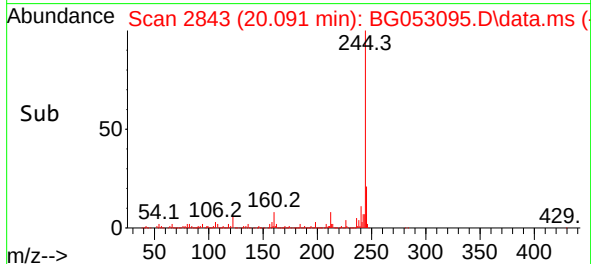
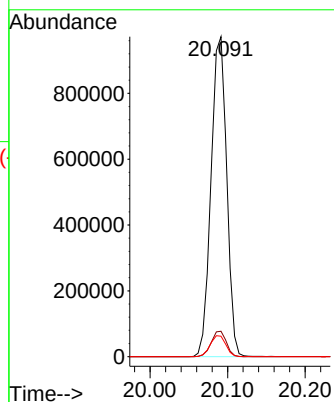
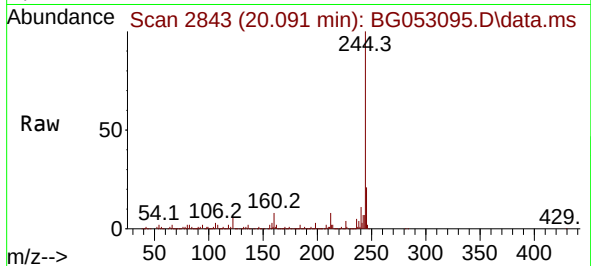




#79
 Terphenyl-d14
 Concen: 88.733 ng
 RT: 20.091 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053095.D
 Acq: 11 Apr 2022 10:58

Instrument :
 BNA_G
 ClientSampleId :
 PB143996BL

Tgt Ion:244 Resp: 1363586
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.067 min Scan# 3690
 Delta R.T. -0.008 min
 Lab File: BG053095.D
 Acq: 11 Apr 2022 10:58

Tgt Ion:264 Resp: 256439
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 19.9 15.1 22.7

