

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054105.D
 Acq On : 27 Jun 2022 23:43
 Operator : CG/JU
 Sample : N3494-32
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-1

Quant Time: Jun 28 04:59:48 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)

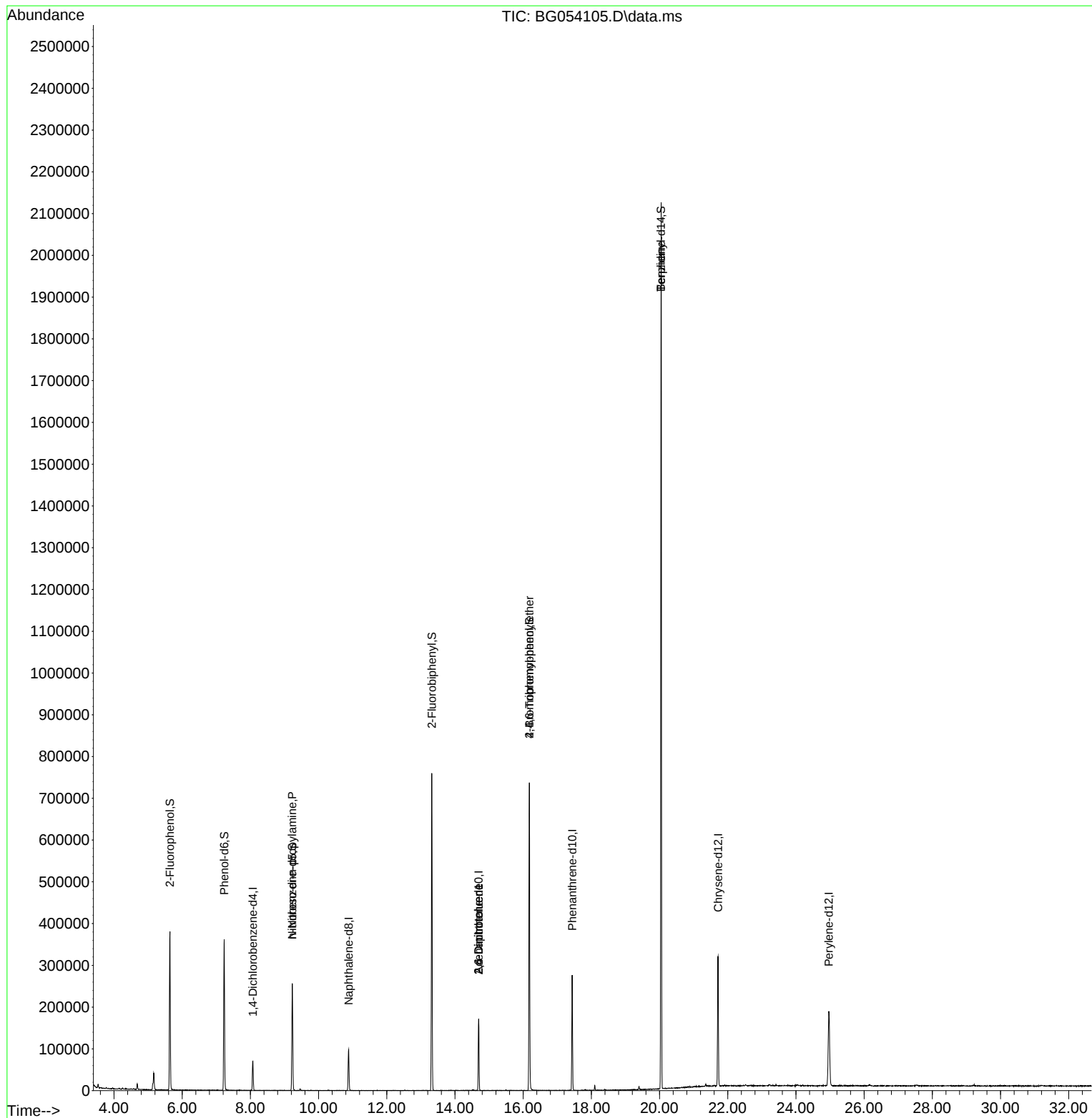
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	22851	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	91643	20.000	ng	# 0.00
39) Acenaphthene-d10	14.695	164	67086	20.000	ng	0.00
64) Phenanthrene-d10	17.438	188	190183	20.000	ng	0.00
76) Chrysene-d12	21.716	240	216113	20.000	ng	0.00
86) Perylene-d12	24.965	264	214242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	177023	148.113	ng	0.00
7) Phenol-d6	7.233	99	219075	135.118	ng	0.00
23) Nitrobenzene-d5	9.230	82	163347	100.166	ng	0.00
42) 2,4,6-Tribromophenol	16.181	330	174037	161.466	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	424921	92.104	ng	0.00
79) Terphenyl-d14	20.047	244	1152701	107.427	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.230	70	22295	20.468	ng	# 81
51) 2,6-Dinitrotoluene	14.695	165	8863	8.586	ng	# 16
57) 2,4-Dinitrotoluene	14.695	165	8863	6.079	ng	# 21
67) 4-Bromophenyl-phenylether	16.181	248	11316	4.764	ng	# 1
77) Benzidine	20.047	184	16083	3.594	ng	# 95

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

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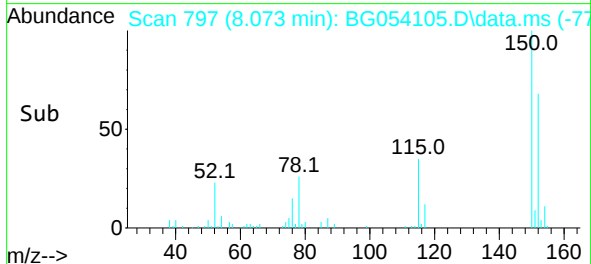
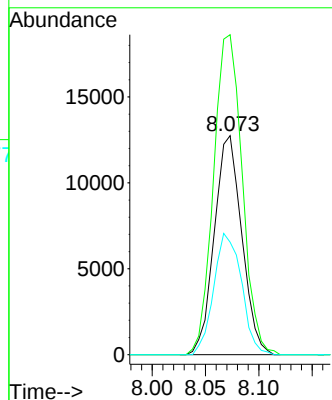
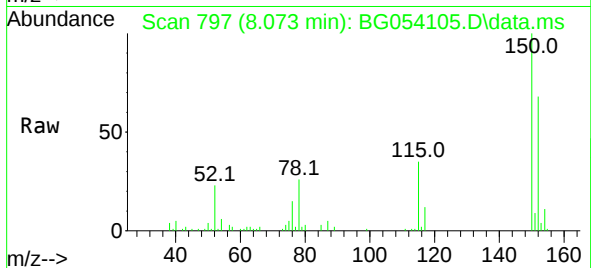




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.073 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: BG054105.D
 Acq: 27 Jun 2022 23:43

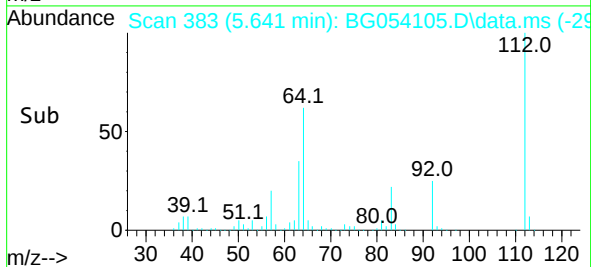
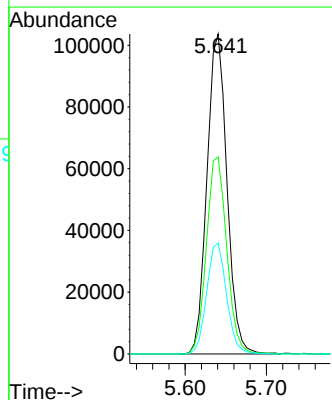
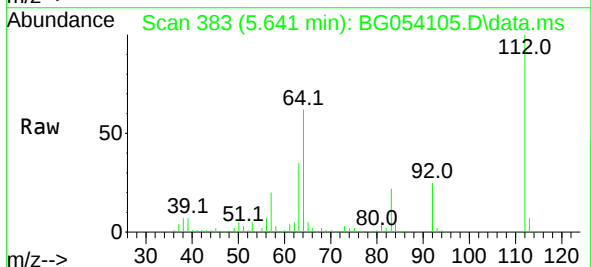
Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-1

Tgt Ion:152 Resp: 22851
 Ion Ratio Lower Upper
 152 100
 150 146.1 131.6 197.4
 115 51.4 50.9 76.3



#5
 2-Fluorophenol
 Concen: 148.113 ng
 RT: 5.641 min Scan# 383
 Delta R.T. 0.003 min
 Lab File: BG054105.D
 Acq: 27 Jun 2022 23:43

Tgt Ion:112 Resp: 177023
 Ion Ratio Lower Upper
 112 100
 64 61.6 55.1 82.7
 63 34.6 30.4 45.6

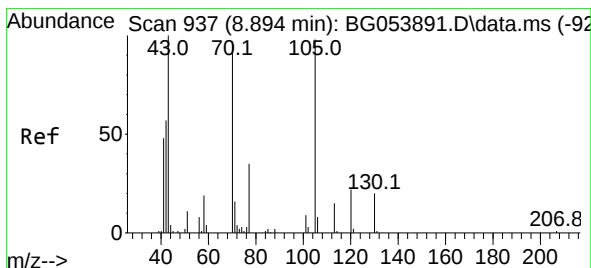
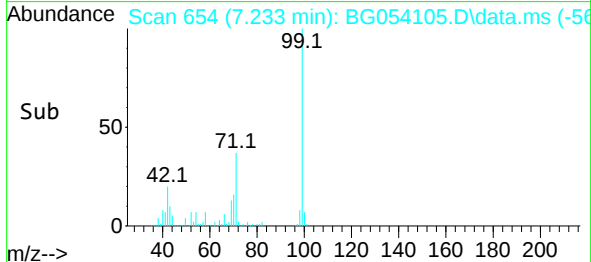
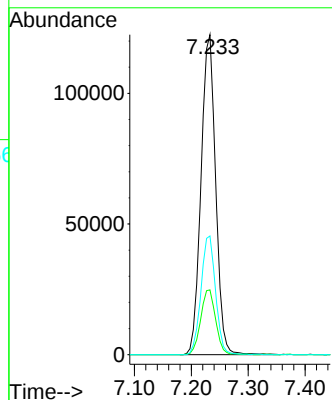
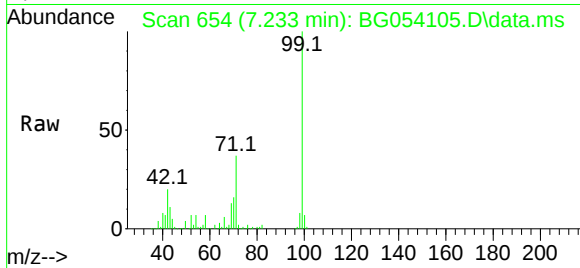




#7
Phenol-d6
Concen: 135.118 ng
RT: 7.233 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

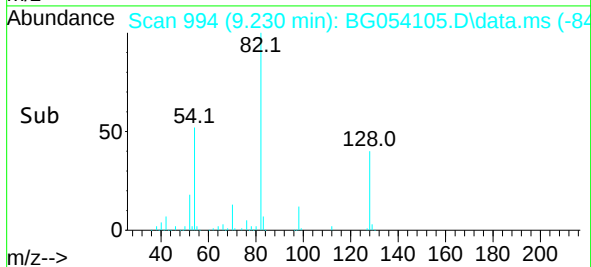
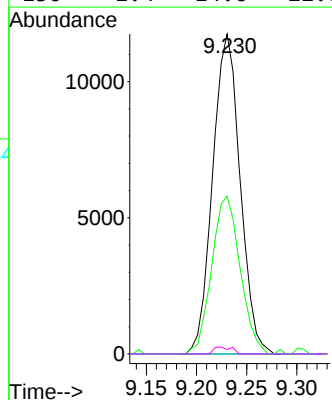
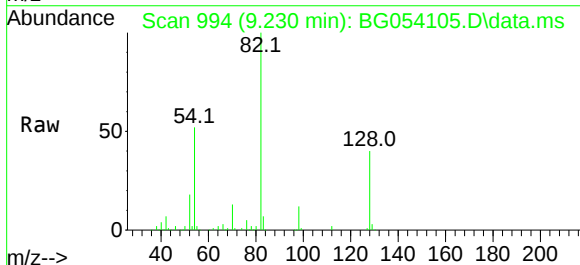
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

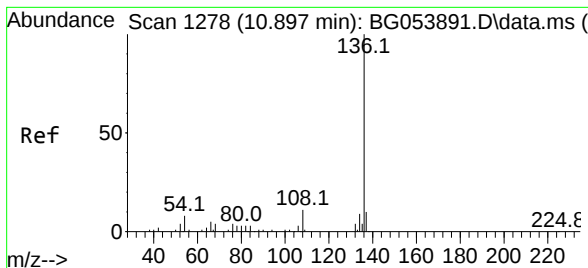
Tgt Ion: 99 Resp: 219075
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 37.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.468 ng
RT: 9.230 min Scan# 994
Delta R.T. 0.355 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

Tgt Ion: 70 Resp: 22295
Ion Ratio Lower Upper
70 100
42 49.4 47.3 70.9
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#

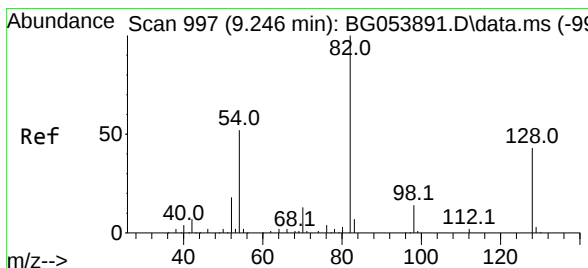
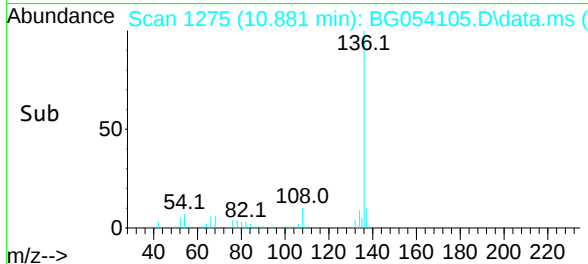
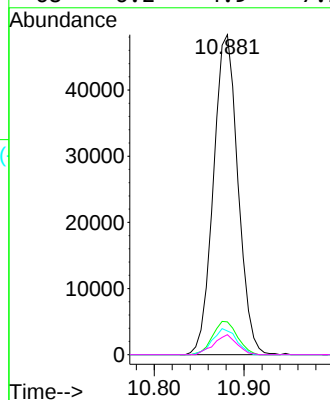
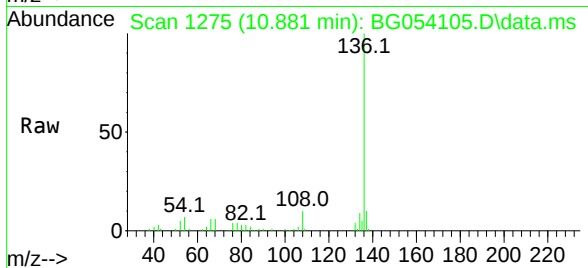




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

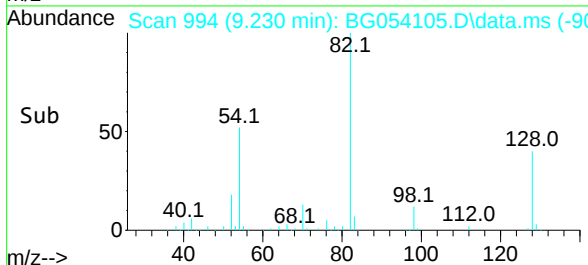
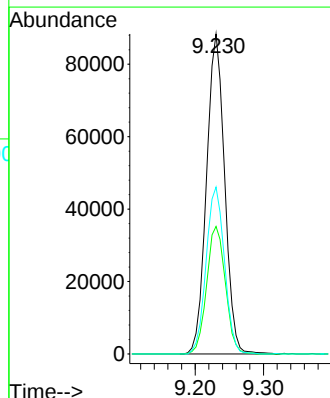
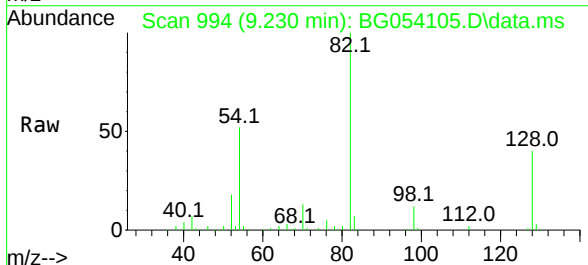
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

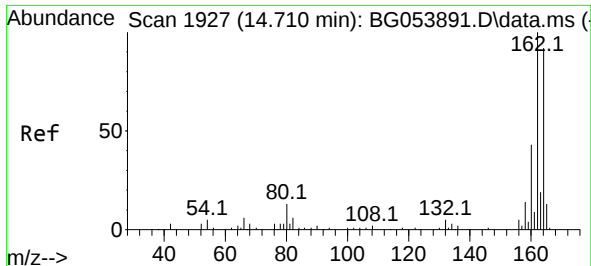
Tgt Ion:136	Resp:	91643
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.5 12.7
54	7.4	7.4 11.2#
68	6.2	4.9 7.3



#23
Nitrobenzene-d5
Concen: 100.166 ng
RT: 9.230 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

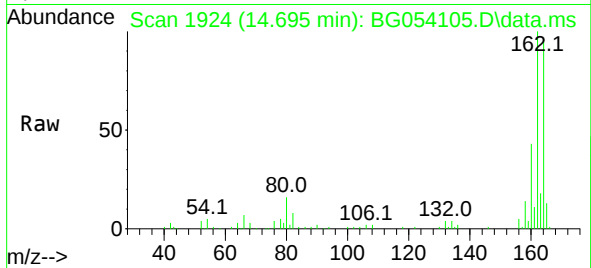
Tgt Ion: 82	Resp:	163347
Ion Ratio	Lower	Upper
82	100	
128	39.9	27.9 41.9
54	52.2	41.2 61.8



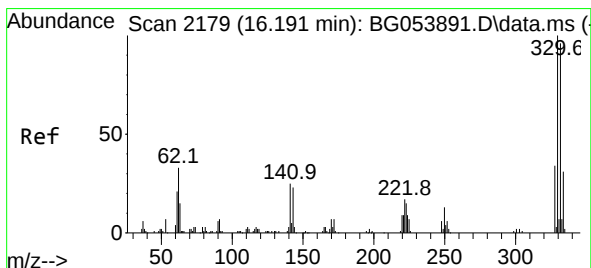
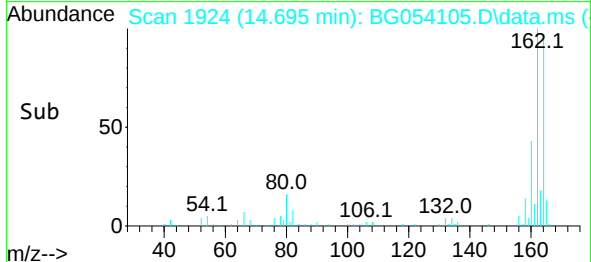
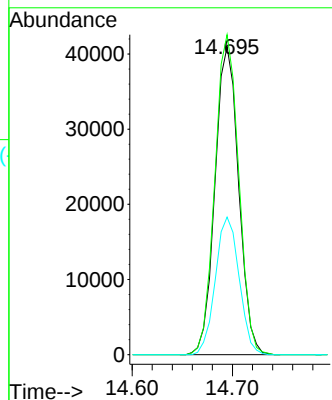


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

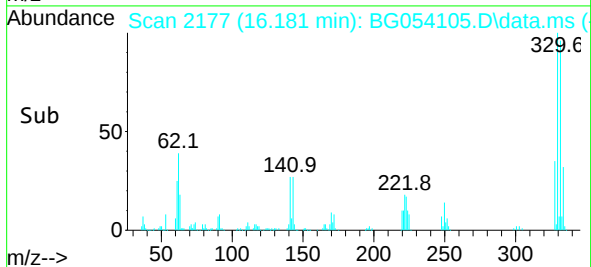
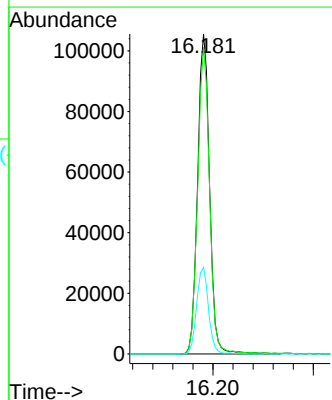
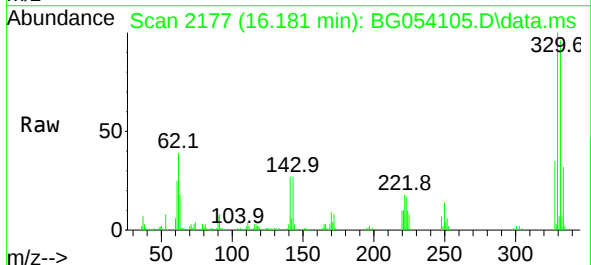


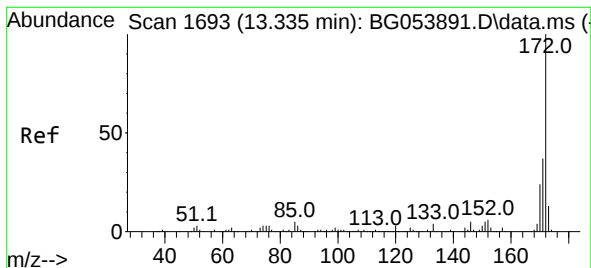
Tgt Ion:164 Resp: 67086
Ion Ratio Lower Upper
164 100
162 104.0 82.3 123.5
160 44.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 161.466 ng
RT: 16.181 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

Tgt Ion:330 Resp: 174037
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 27.0 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 92.104 ng

RT: 13.320 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054105.D

Acq: 27 Jun 2022 23:43

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-1

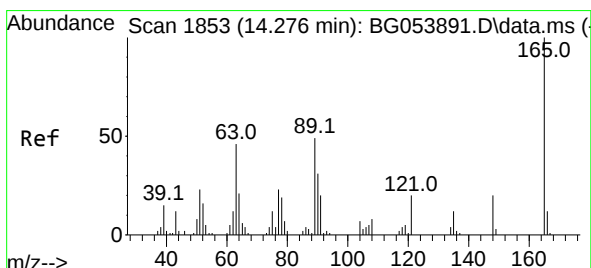
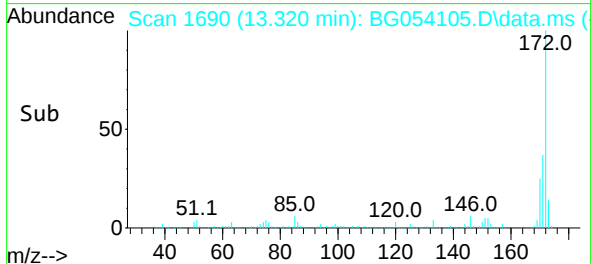
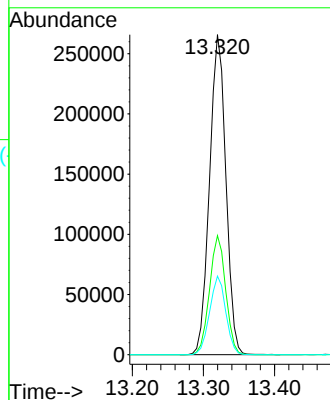
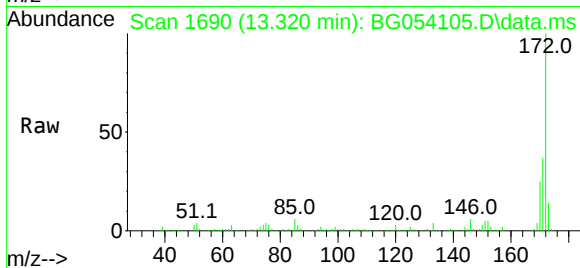
Tgt Ion:172 Resp: 424921

Ion Ratio Lower Upper

172 100

171 37.2 28.5 42.7

170 24.5 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.586 ng

RT: 14.695 min Scan# 1924

Delta R.T. 0.431 min

Lab File: BG054105.D

Acq: 27 Jun 2022 23:43

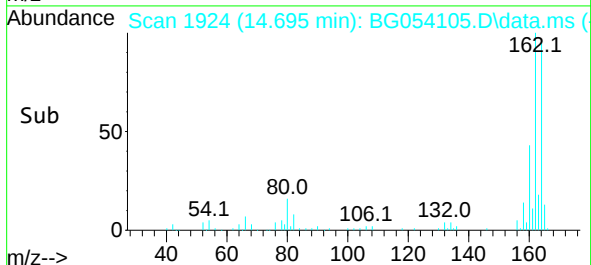
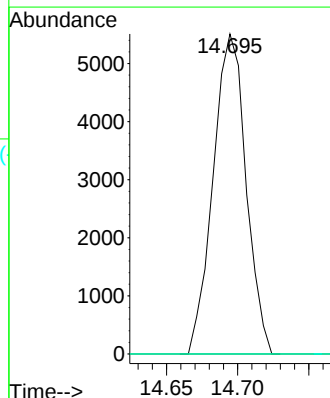
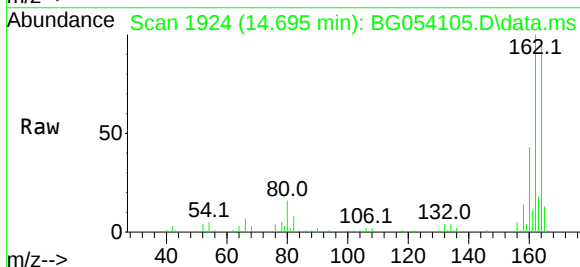
Tgt Ion:165 Resp: 8863

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: 6.079 ng

RT: 14.695 min Scan# 1987

Delta R.T. -0.356 min

Lab File: BG054105.D

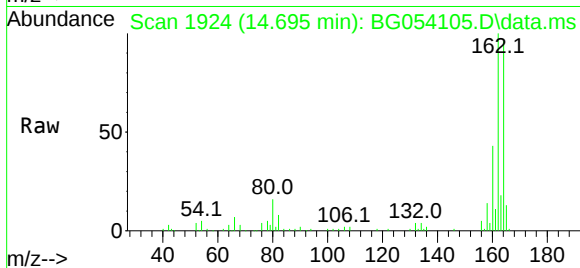
Acq: 27 Jun 2022 23:43

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-1



Tgt Ion:165 Resp: 8863

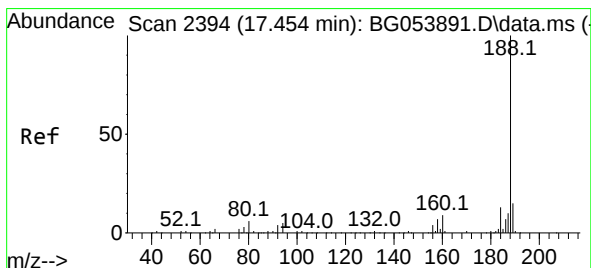
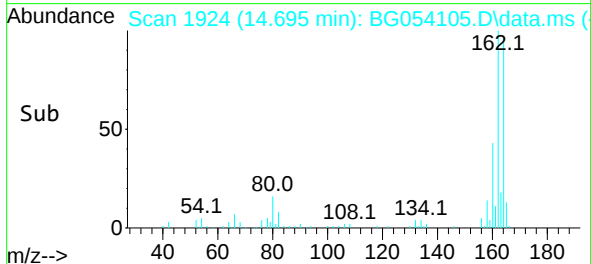
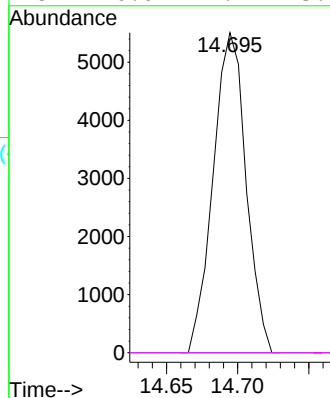
Ion Ratio Lower Upper

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: BG054105.D

Acq: 27 Jun 2022 23:43

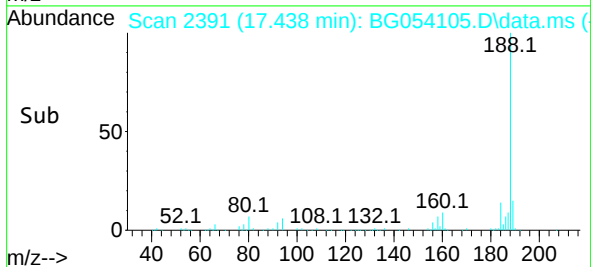
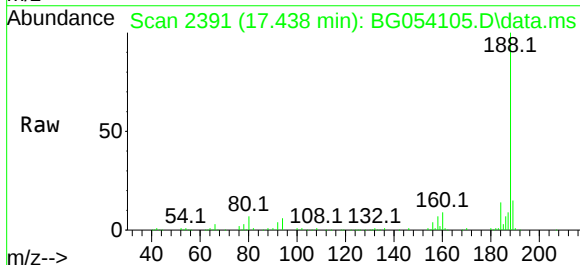
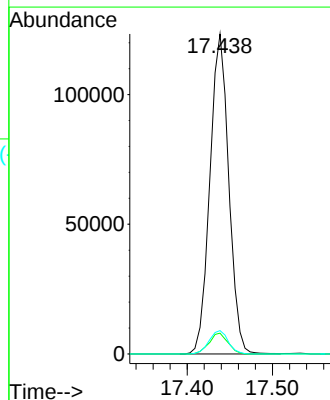
Tgt Ion:188 Resp: 190183

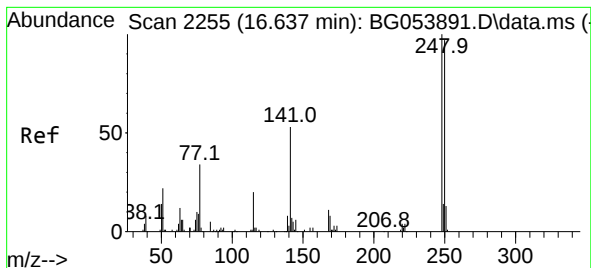
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.3 6.8 10.2

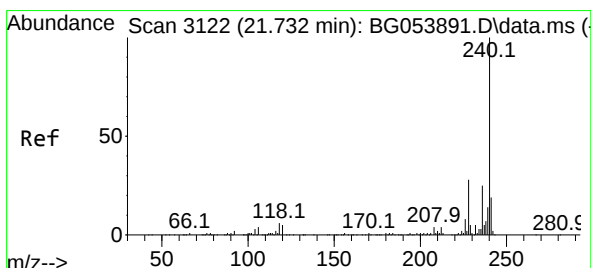
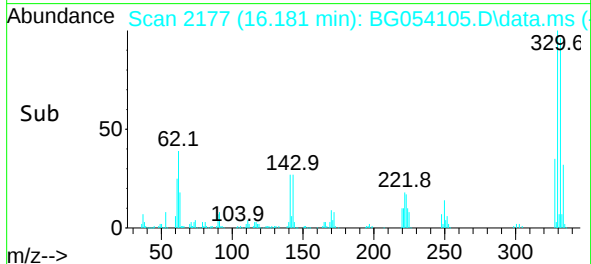
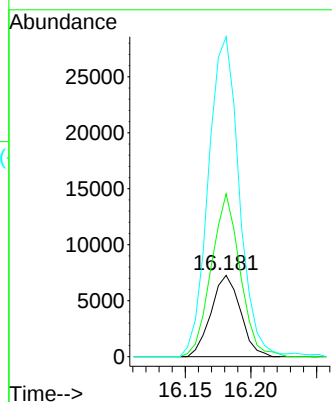
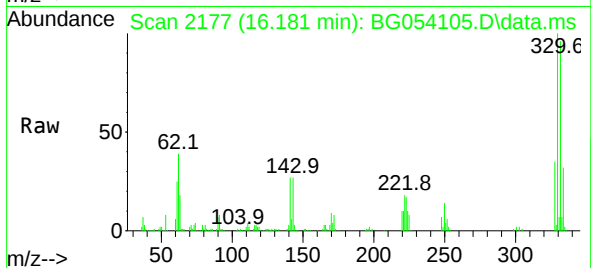




#67
4-Bromophenyl-phenylether
Concen: 4.764 ng
RT: 16.181 min Scan# 2119
Delta R.T. -0.444 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

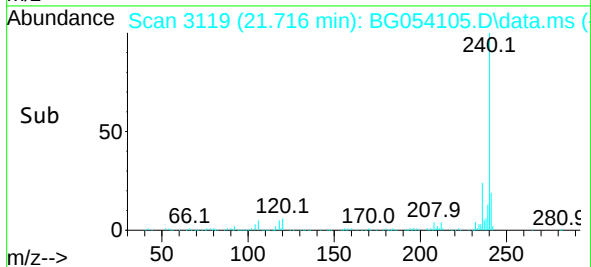
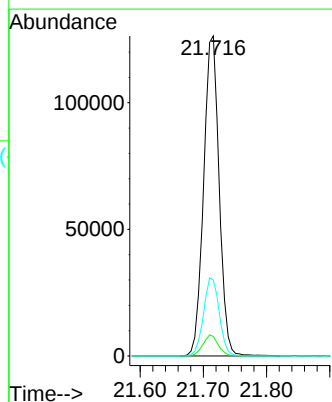
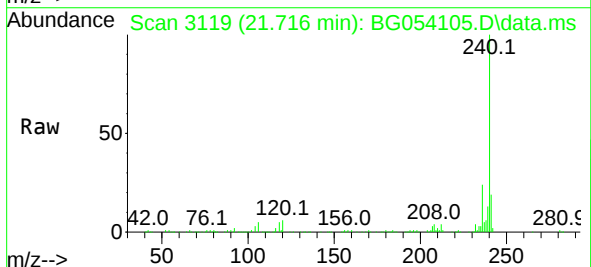
Instrument :
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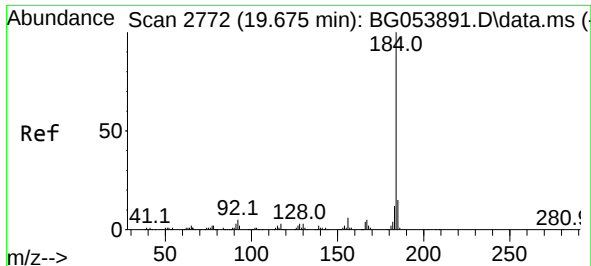
Tgt Ion:248 Resp: 11316
Ion Ratio Lower Upper
248 100
250 196.5 75.2 112.8#
141 296.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

Tgt Ion:240 Resp: 216113
Ion Ratio Lower Upper
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120 6.1 4.6 7.0
236 23.8 20.2 30.4

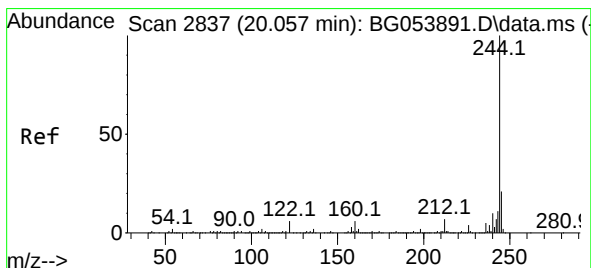
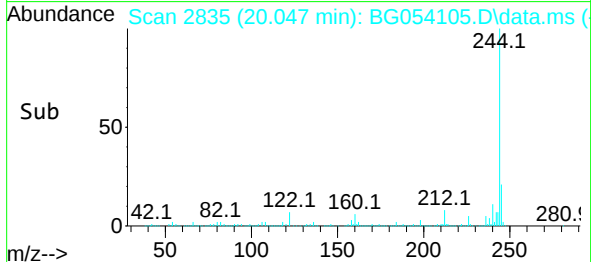
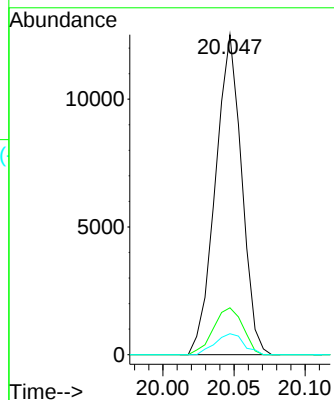
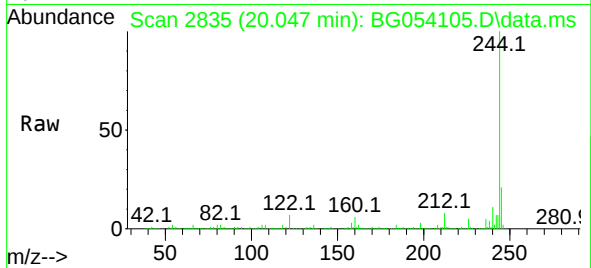




#77
Benzidine
Concen: 3.594 ng
RT: 20.047 min Scan# 2835
Delta R.T. 0.384 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

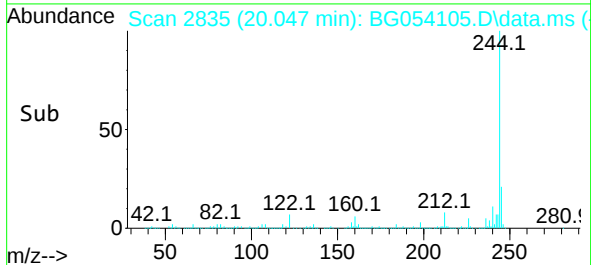
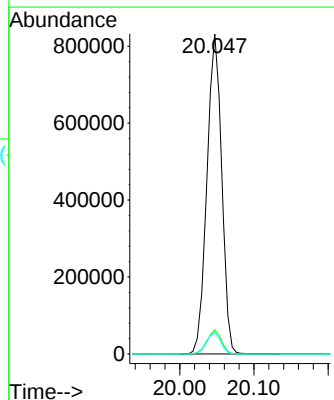
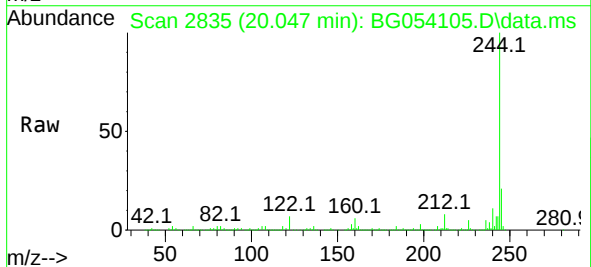
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-1

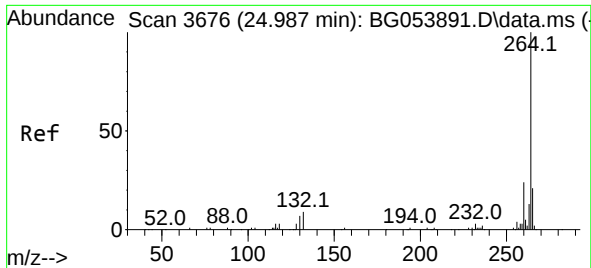
Tgt Ion:184 Resp: 16083
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 6.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 107.427 ng
RT: 20.047 min Scan# 2835
Delta R.T. 0.003 min
Lab File: BG054105.D
Acq: 27 Jun 2022 23:43

Tgt Ion:244 Resp: 1152701
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.6 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: BG054105.D
 Acq: 27 Jun 2022 23:43

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-1

Tgt Ion:264 Resp: 214242
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 22.2 17.4 26.2

