

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054118.D
 Acq On : 28 Jun 2022 14:42
 Operator : CG/JU
 Sample : N3488-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-0-2-20220623

Quant Time: Jun 29 01:58:45 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)

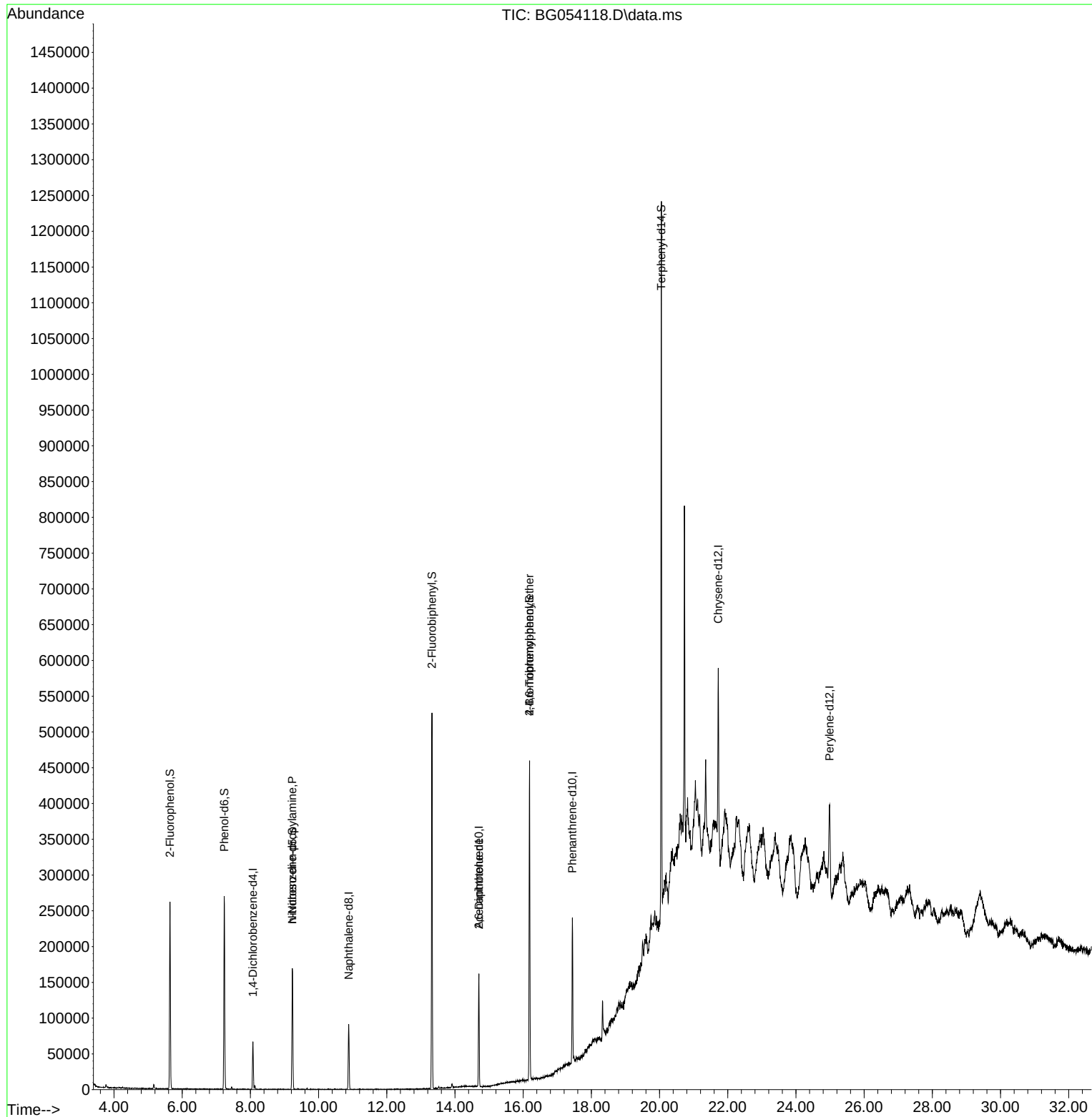
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	20608	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	83916	20.000	ng	0.00
39) Acenaphthene-d10	14.700	164	59778	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	137065	20.000	ng	0.00
76) Chrysene-d12	21.721	240	149191	20.000	ng	0.00
86) Perylene-d12	24.982	264	154716	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	122649	113.788	ng	0.00
7) Phenol-d6	7.232	99	164093	112.222	ng	0.00
23) Nitrobenzene-d5	9.230	82	107566	72.034	ng	0.00
42) 2,4,6-Tribromophenol	16.186	330	106066	110.435	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	297729	72.424	ng	0.00
79) Terphenyl-d14	20.052	244	536917	72.484	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.230	70	14737	15.002	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	14.700	165	8188	8.902	ng	# 16
67) 4-Bromophenyl-phenylether	16.186	248	6381	3.727	ng	# 1

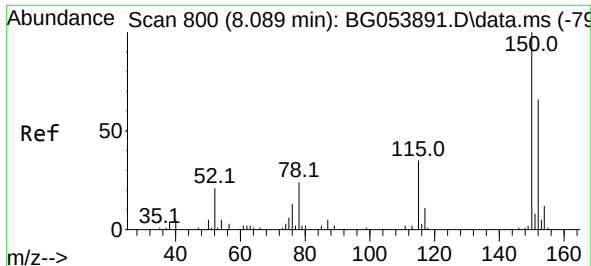
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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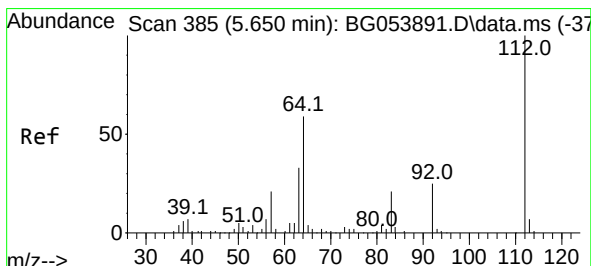
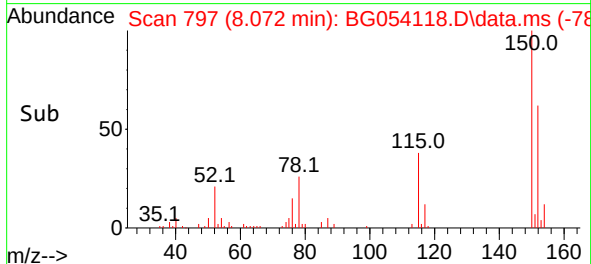
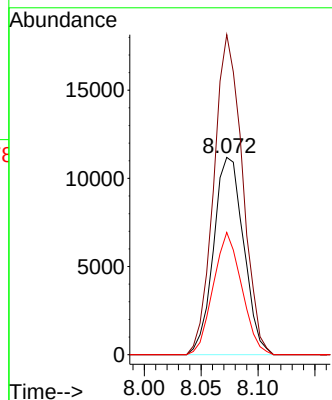
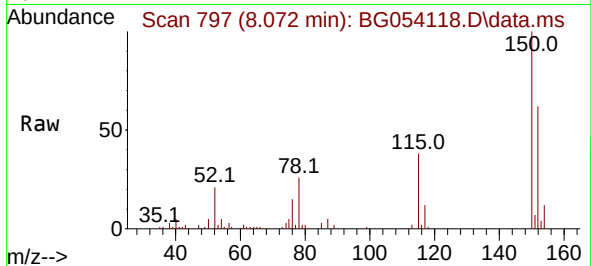




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.072 min Scan# 79
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

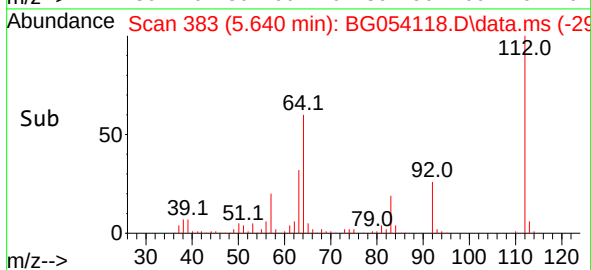
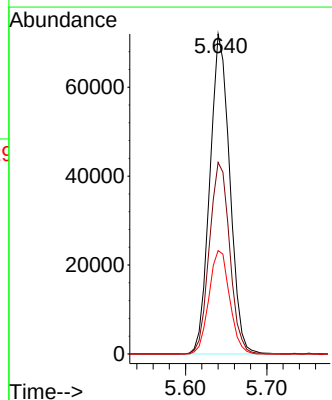
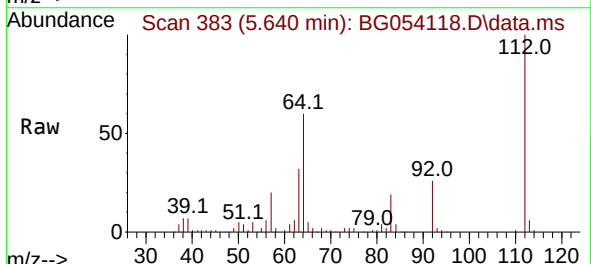
Instrument :
BNA_G
ClientSampleId :
SB-13-0-2-20220623

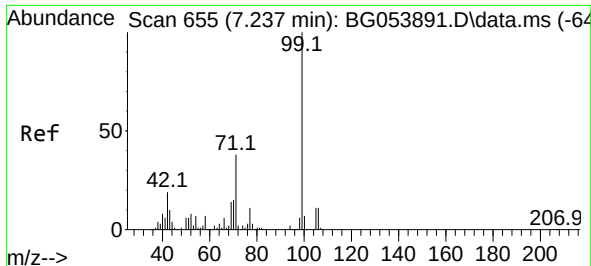
Tgt Ion:152 Resp: 20608
Ion Ratio Lower Upper
152 100
150 162.2 131.6 197.4
115 62.0 50.9 76.3



#5
2-Fluorophenol
Concen: 113.788 ng
RT: 5.640 min Scan# 383
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Tgt Ion:112 Resp: 122649
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 32.3 30.4 45.6

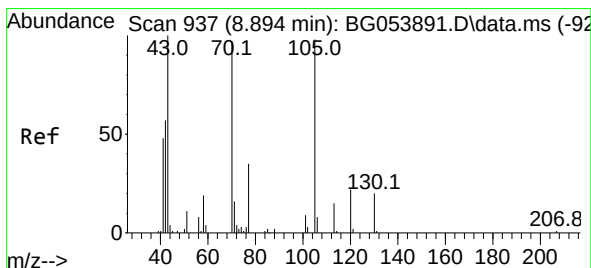
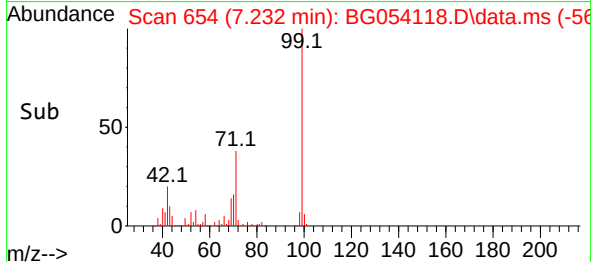
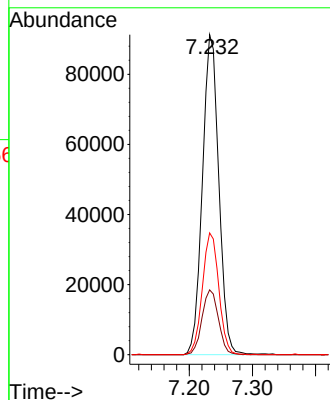
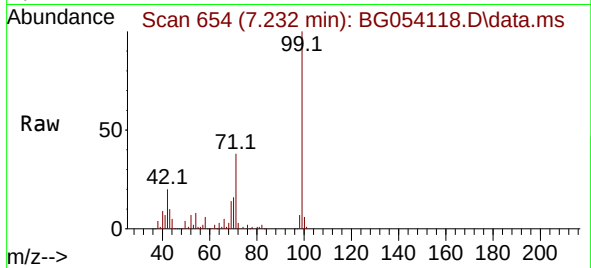




#7
Phenol-d6
Concen: 112.222 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

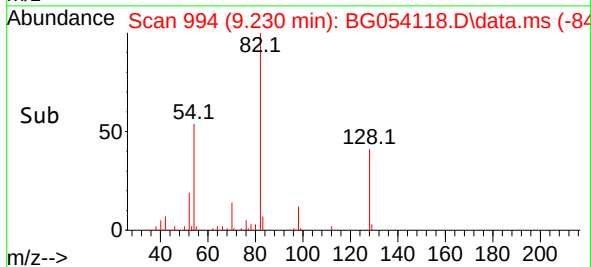
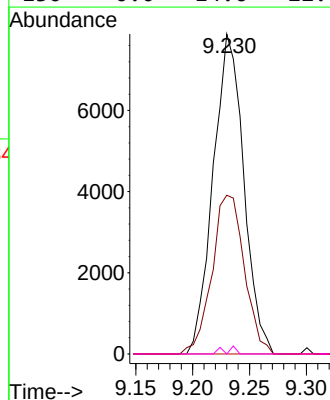
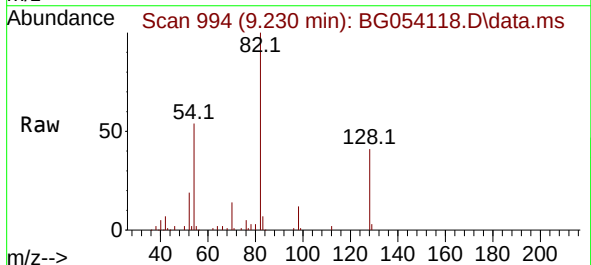
Instrument :
BNA_G
ClientSampleId :
SB-13-0-2-20220623

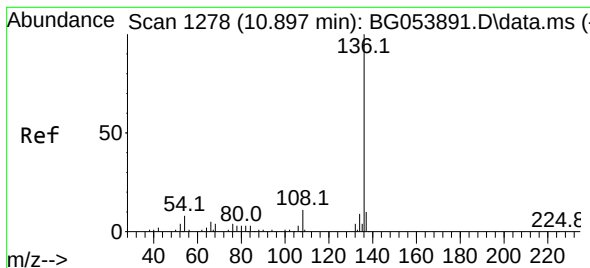
Tgt Ion: 99 Resp: 164093
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 38.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.002 ng
RT: 9.230 min Scan# 994
Delta R.T. 0.355 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Tgt Ion: 70 Resp: 14737
Ion Ratio Lower Upper
70 100
42 49.6 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.881 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG054118.D

Acq: 28 Jun 2022 14:42

Instrument :

BNA_G

ClientSampleId :

SB-13-0-2-20220623

Tgt Ion:136 Resp: 83916

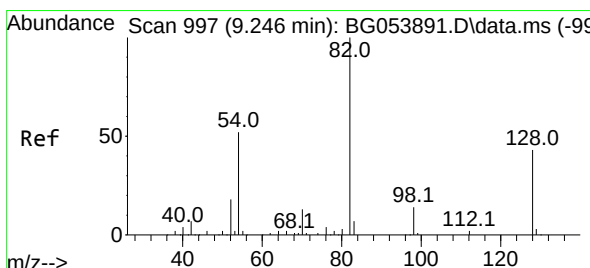
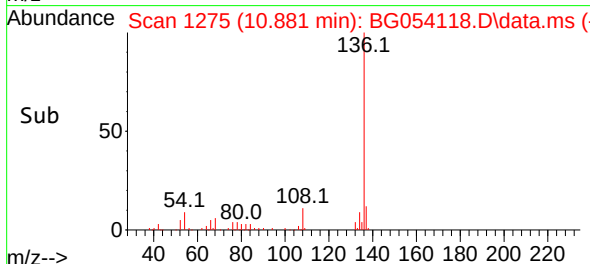
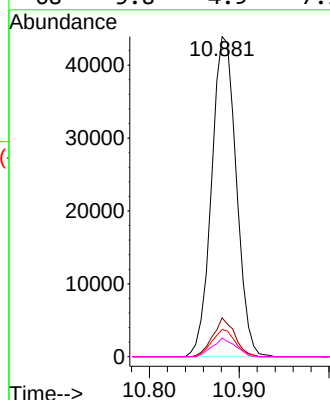
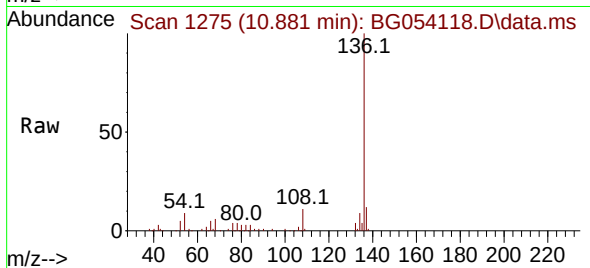
Ion Ratio Lower Upper

136 100

137 12.1 8.5 12.7

54 8.5 7.4 11.2

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 72.034 ng

RT: 9.230 min Scan# 994

Delta R.T. -0.004 min

Lab File: BG054118.D

Acq: 28 Jun 2022 14:42

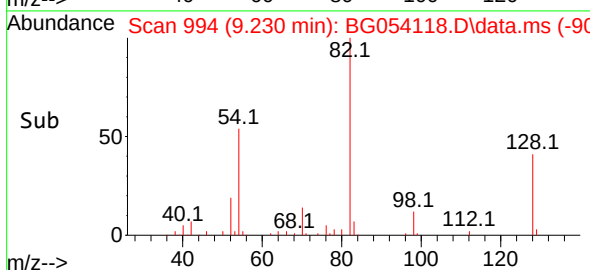
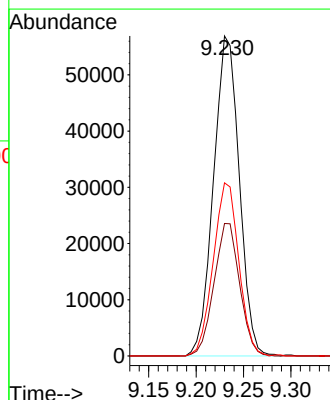
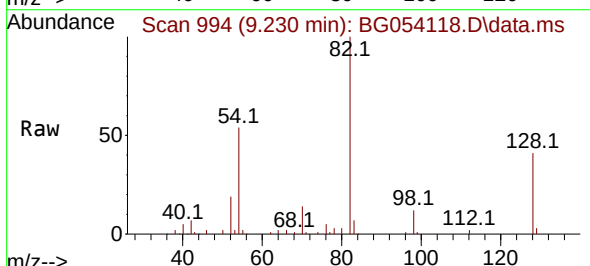
Tgt Ion: 82 Resp: 107566

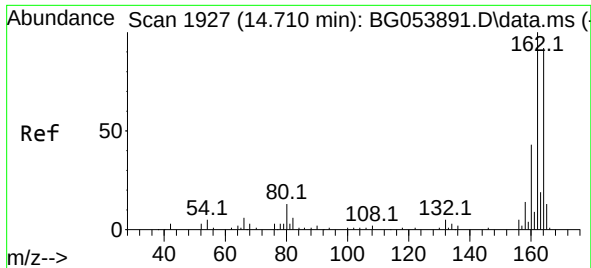
Ion Ratio Lower Upper

82 100

128 41.4 27.9 41.9

54 54.1 41.2 61.8

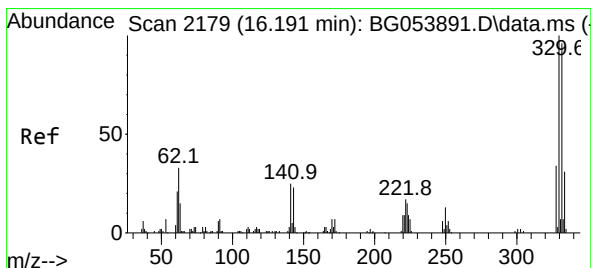
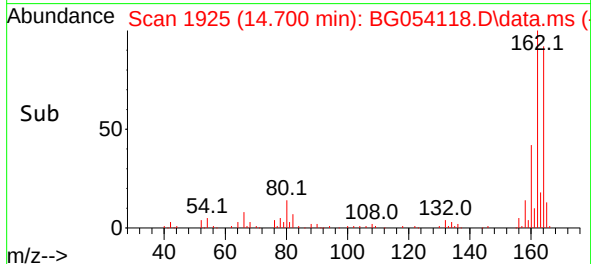
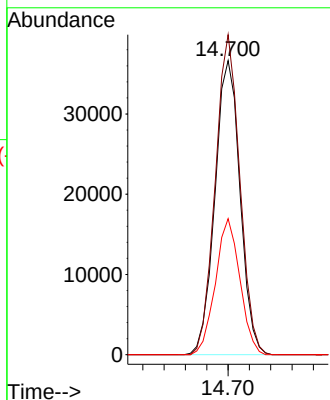
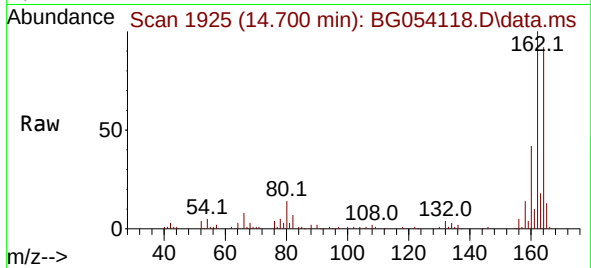




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.700 min Scan# 1927
 Delta R.T. 0.002 min
 Lab File: BG054118.D
 Acq: 28 Jun 2022 14:42

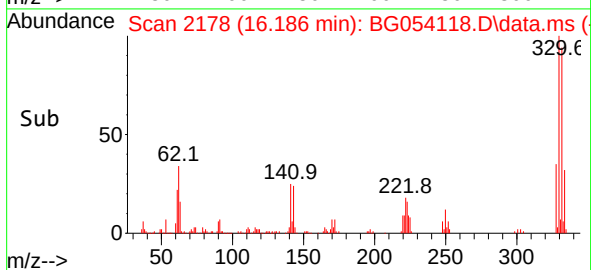
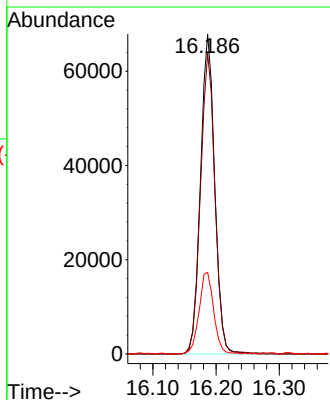
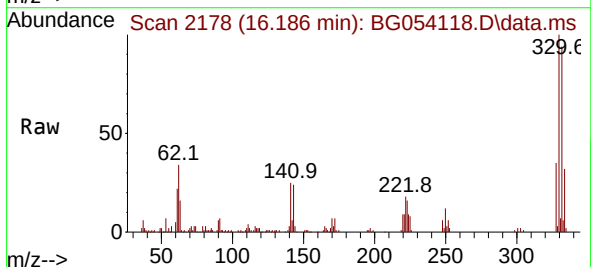
Instrument :
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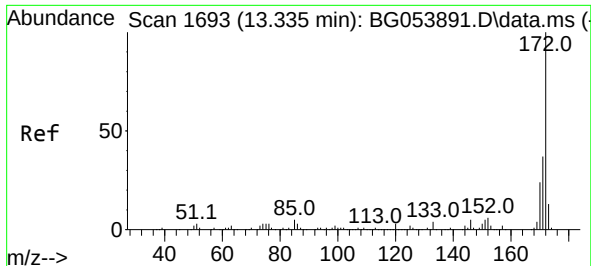
Tgt Ion:164	Resp:	59778
Ion Ratio	Lower	Upper
164	100	
162	108.8	82.3 123.5
160	46.2	34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 110.435 ng
 RT: 16.186 min Scan# 2178
 Delta R.T. 0.002 min
 Lab File: BG054118.D
 Acq: 28 Jun 2022 14:42

Tgt Ion:330	Resp:	106066
Ion Ratio	Lower	Upper
330	100	
332	94.8	76.0 114.0
141	26.1	27.1 40.7

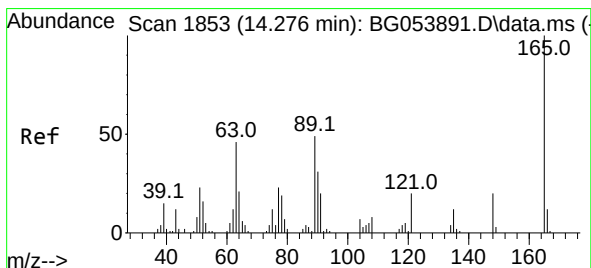
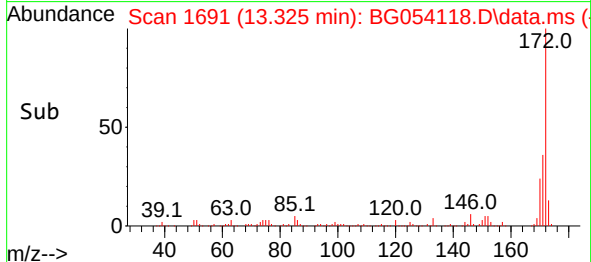
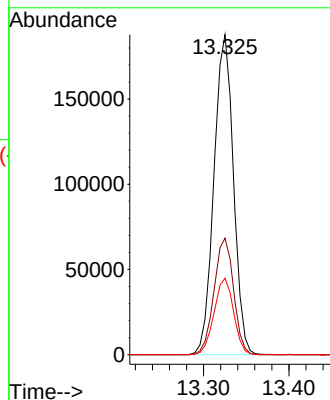
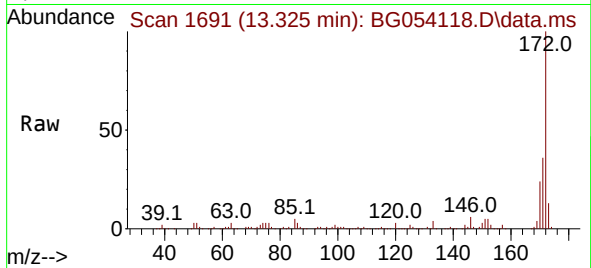




#45
2-Fluorobiphenyl
Concen: 72.424 ng
RT: 13.325 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

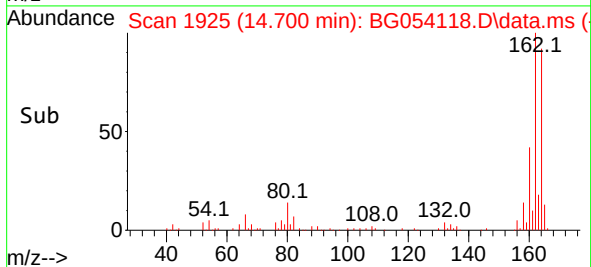
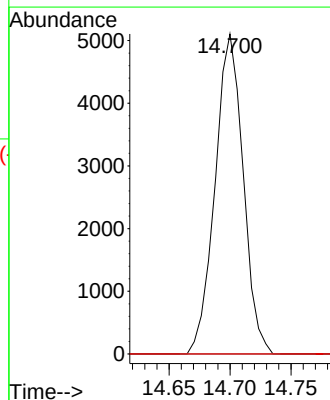
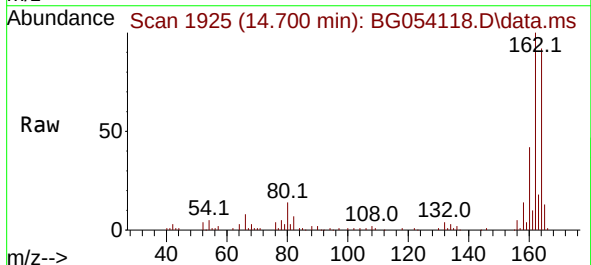
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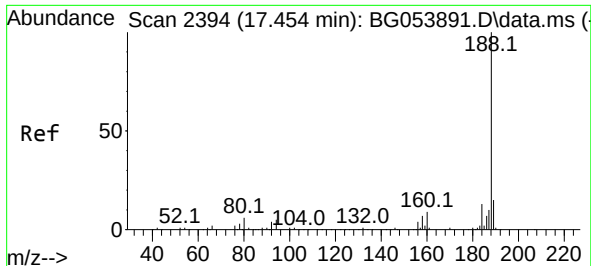
Tgt Ion:172 Resp: 297729
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 14.700 min Scan# 1925
Delta R.T. 0.437 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Tgt Ion:165 Resp: 8188
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

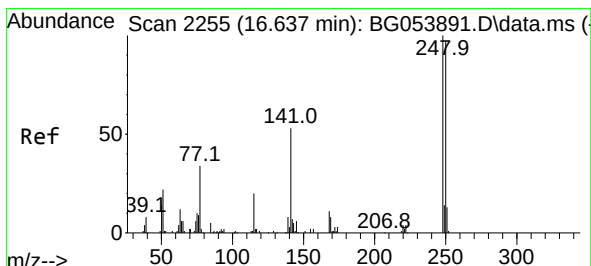
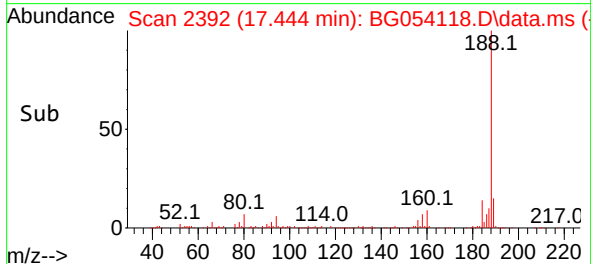
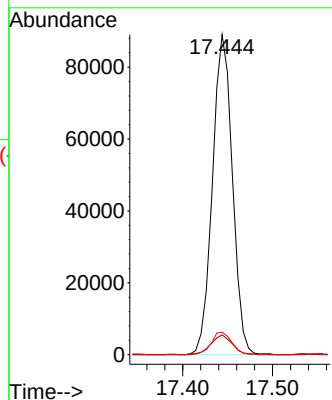
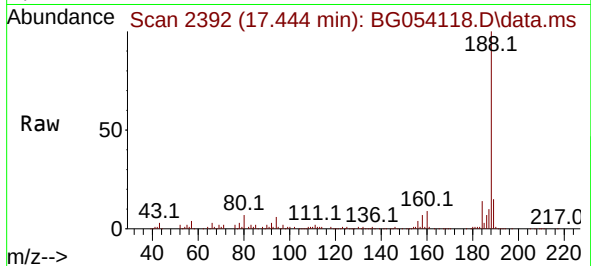




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.444 min Scan# 2178
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

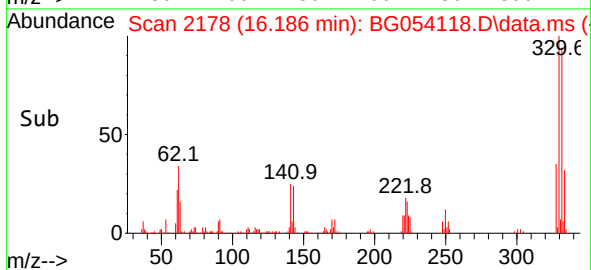
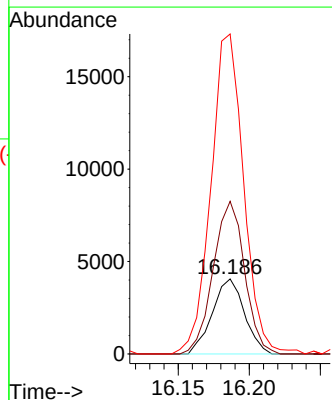
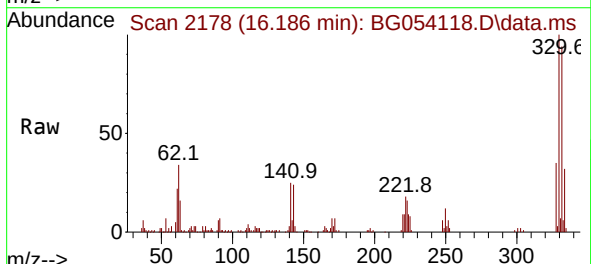
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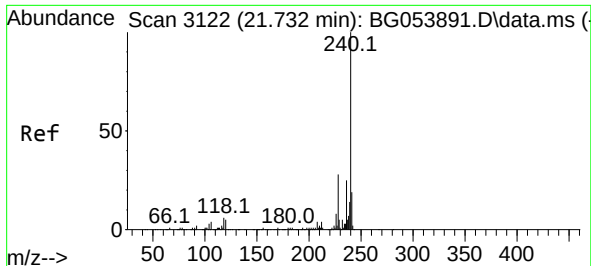
Tgt Ion:188 Resp: 137065
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.0 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.727 ng
RT: 16.186 min Scan# 2178
Delta R.T. -0.439 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Tgt Ion:248 Resp: 6381
Ion Ratio Lower Upper
248 100
250 260.8 75.2 112.8#
141 426.3 50.0 75.0#

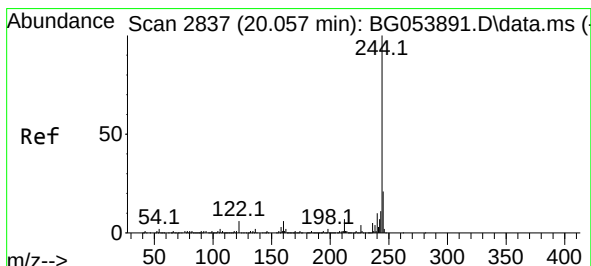
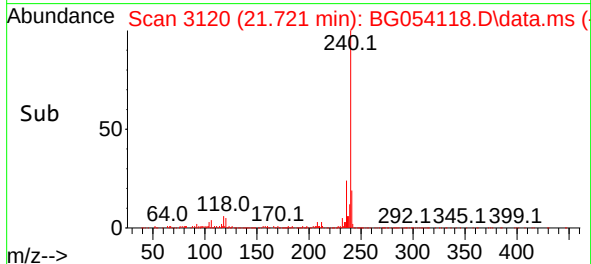
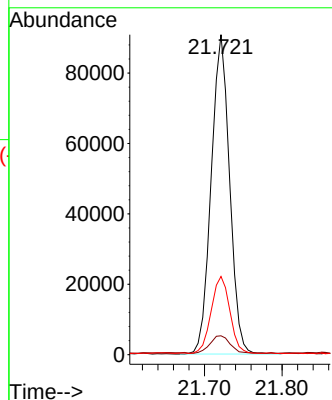
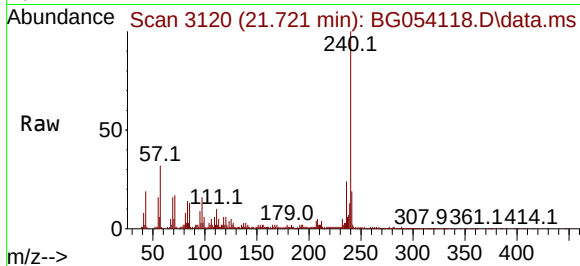




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

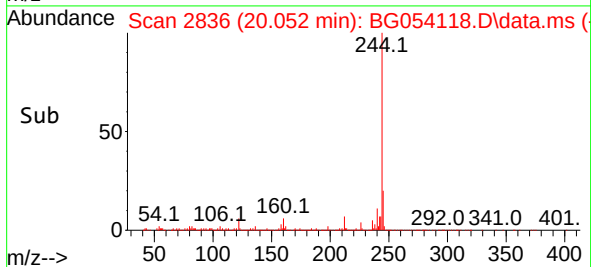
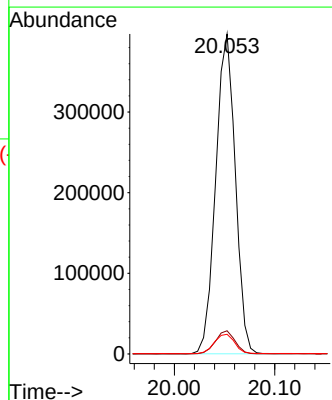
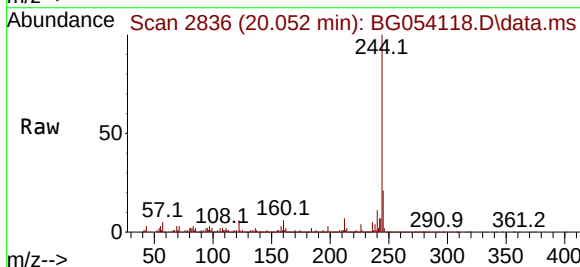
Instrument :
BNA_G
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SB-13-0-2-20220623

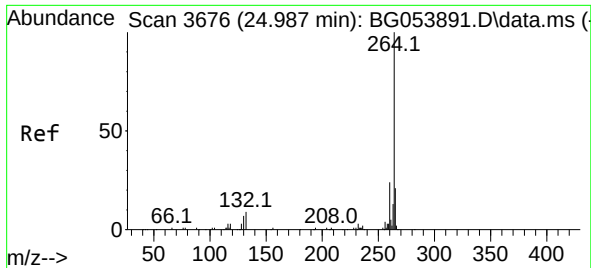
Tgt Ion:240 Resp: 149191
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.5 20.2 30.4



#79
Terphenyl-d14
Concen: 72.484 ng
RT: 20.052 min Scan# 2836
Delta R.T. 0.008 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

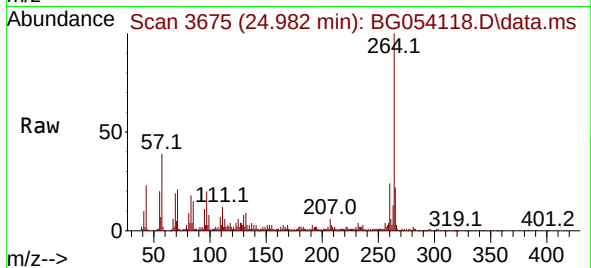
Tgt Ion:244 Resp: 536917
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.2 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.982 min Scan# 30
Delta R.T. 0.020 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Instrument :
BNA_G
ClientSampleId :
SB-13-0-2-20220623



Tgt Ion:264 Resp: 154716

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.1	17.4	26.2

