

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 :

Quant Time: Jun 29 00:49:24 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)

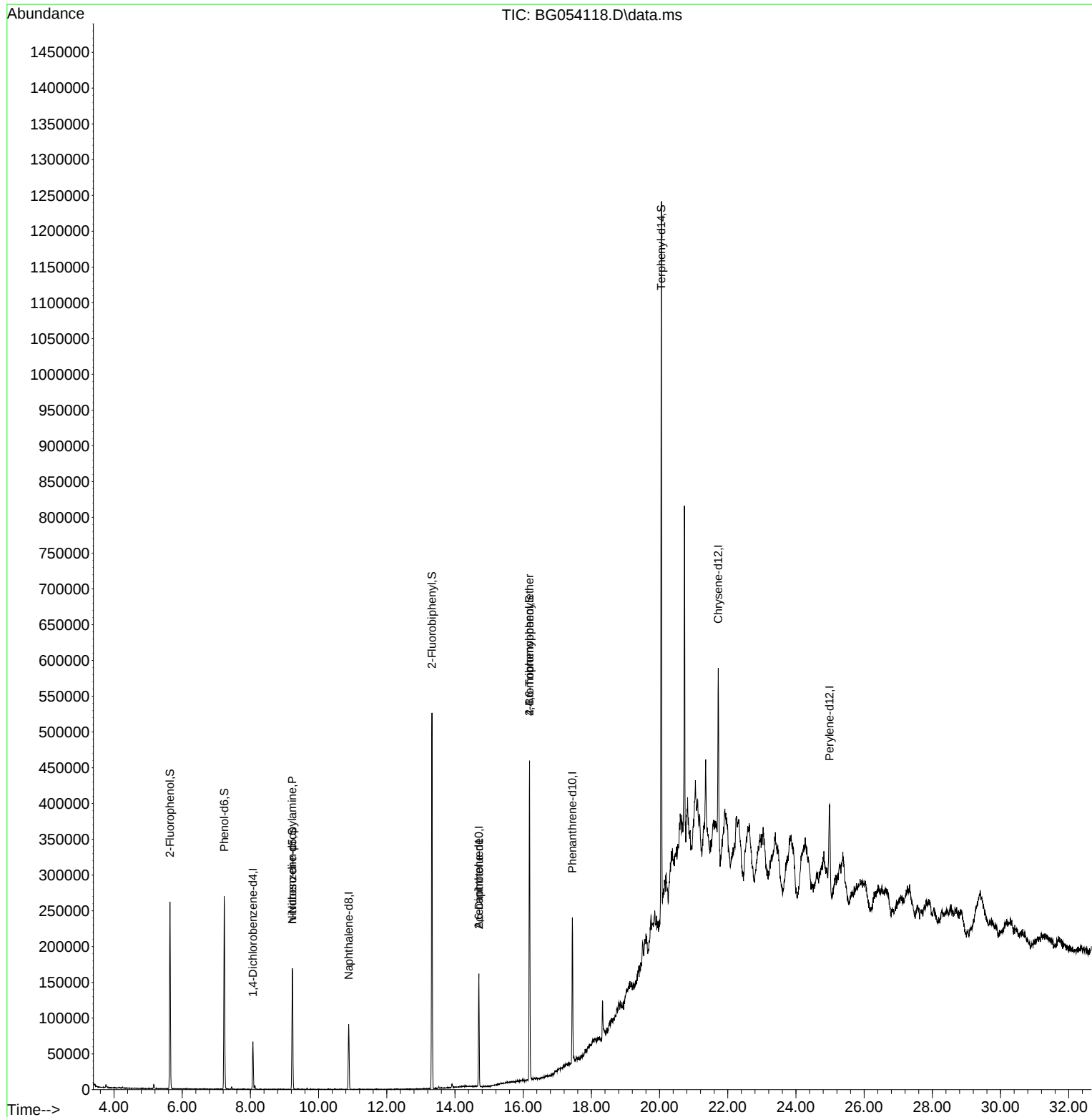
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	20608	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	83916	20.000	ng	0.00
39) Acenaphthene-d10	14.700	164	59778	20.000	ng	0.00
64) Phenanthrene-d10	17.444	188	137065	20.000	ng	0.00
76) Chrysene-d12	21.721	240	149191	20.000	ng	0.00
86) Perylene-d12	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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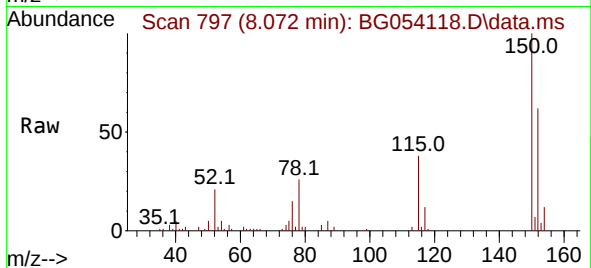
Quant Time: Jun 29 00:49:24 2022
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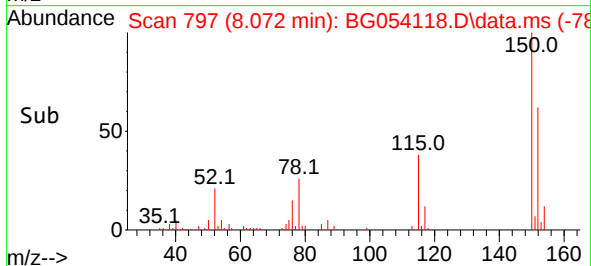
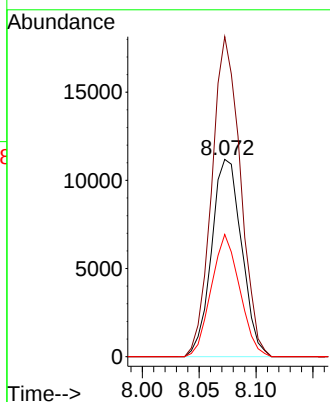


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.072 min Scan# 79
 Delta R.T. 0.002 min
 Lab File: BG054118.D
 Acq: 28 Jun 2022 14:42

Instrument :
 BNA_G
 ClientSampleId :

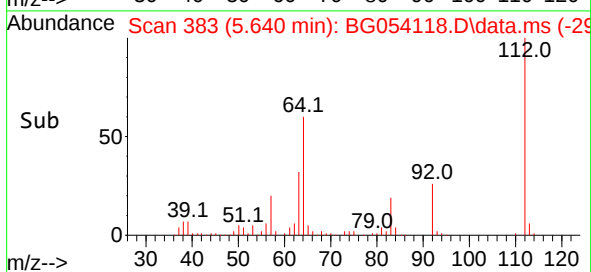
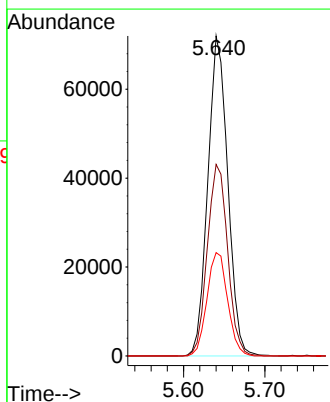
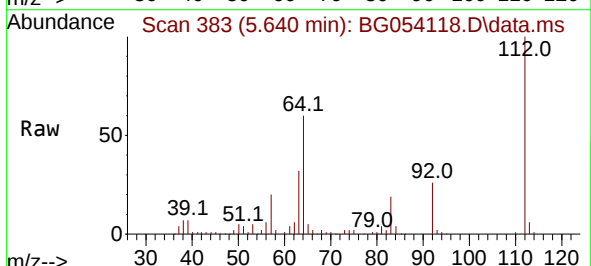


Tgt Ion:152 Resp: 20608
 Ion Ratio Lower Upper
 152 100
 150 162.2 131.6 197.4
 115 62.0 50.9 76.3



#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

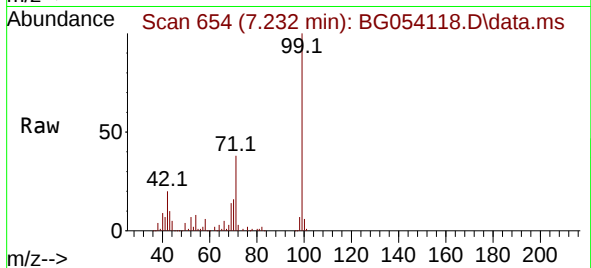
Tgt Ion:112 Resp: 122649
 Ion Ratio Lower Upper
 112 100
 64 59.8 55.1 82.7
 63 32.3 30.4 45.6



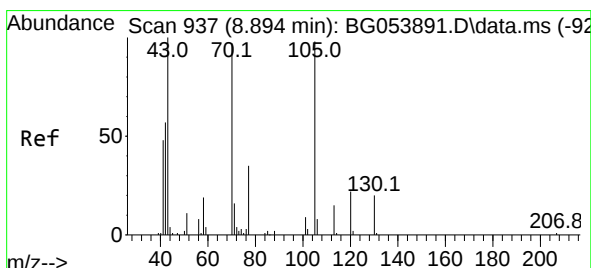
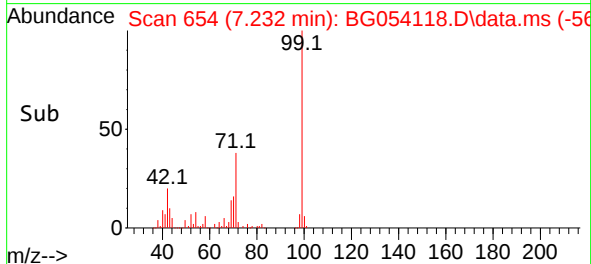
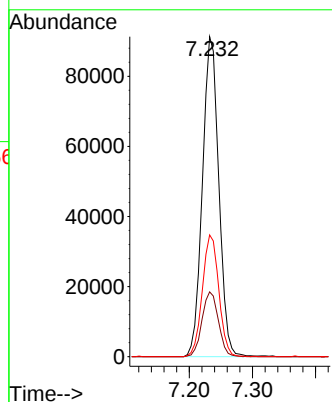


#7
Phenol-d6
Concen: 112.222 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Instrument :
BNA_G
ClientSampleId :

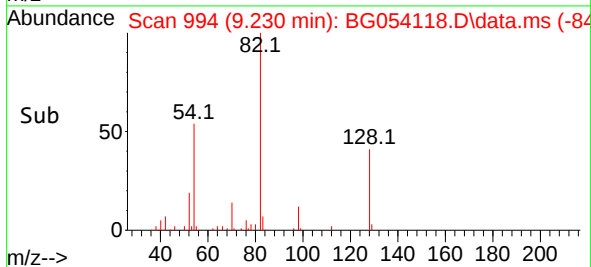
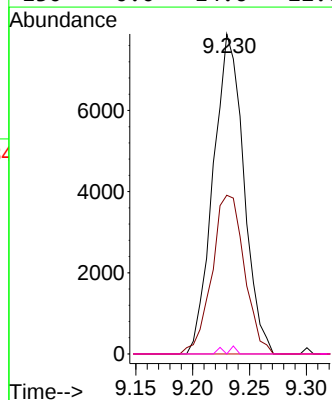
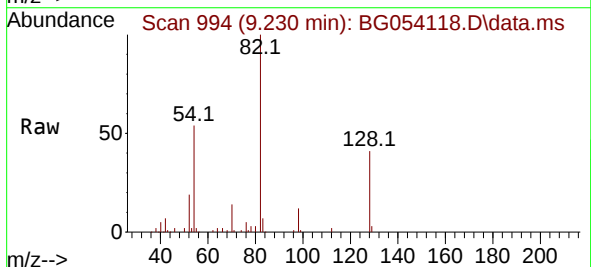


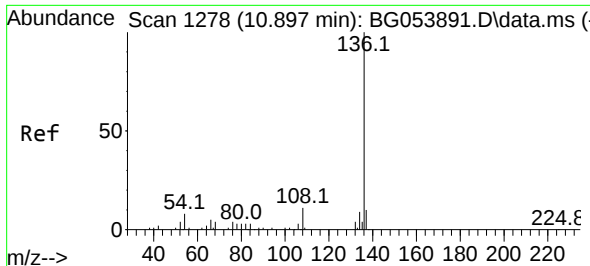
Tgt Ion: 99 Resp: 164093
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 38.1 33.8 50.8



#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#

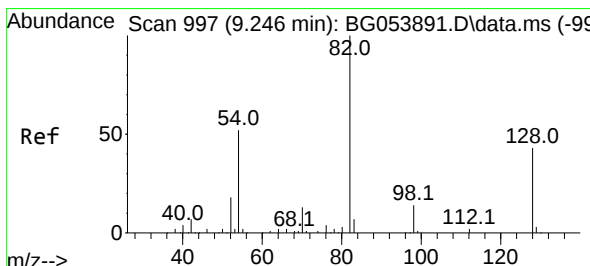
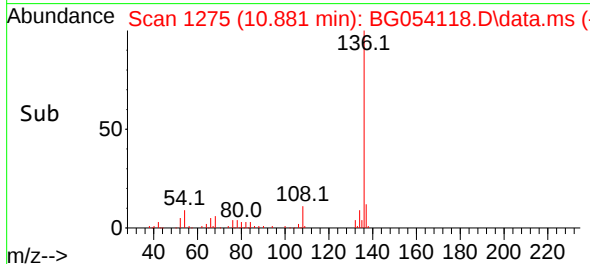
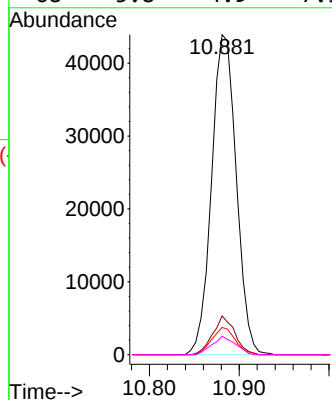
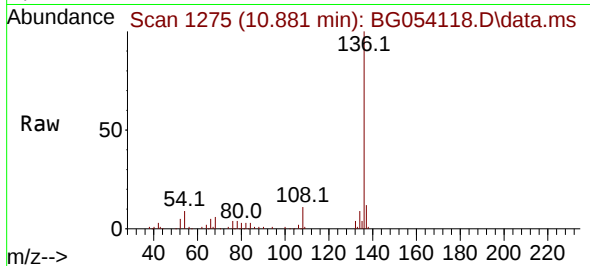




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

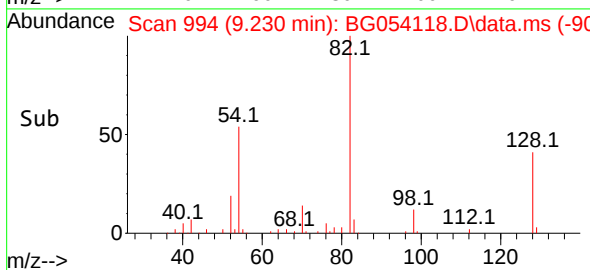
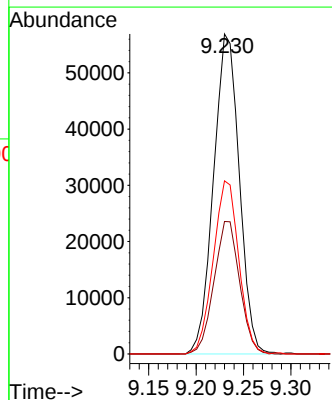
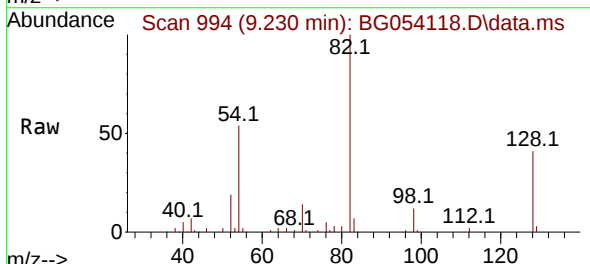
Instrument :
BNA_G
ClientSampleId :

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

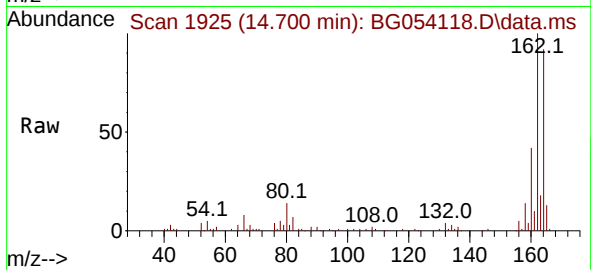
Tgt Ion:	82	Resp:	107566
Ion Ratio	Lower	Upper	
82	100		
128	41.4	27.9	41.9
54	54.1	41.2	61.8



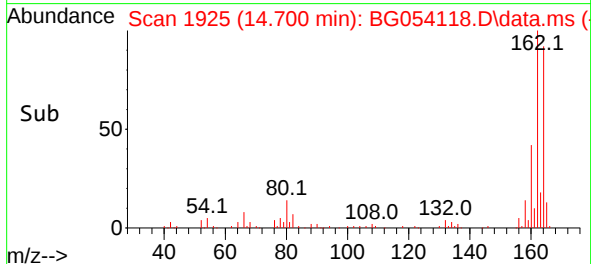
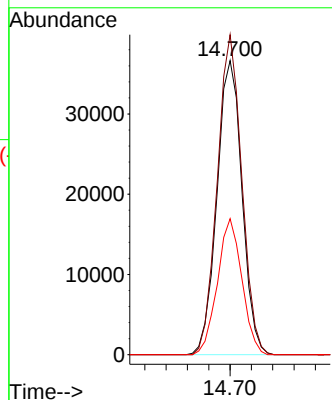


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.700 min Scan# 1927
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Instrument :
BNA_G
ClientSampleId :

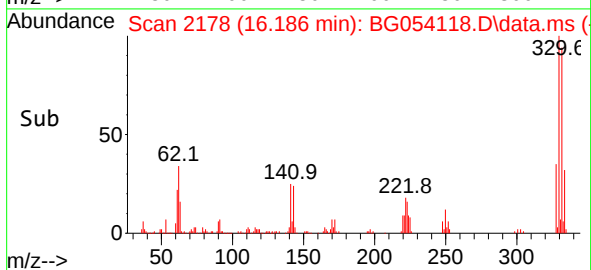
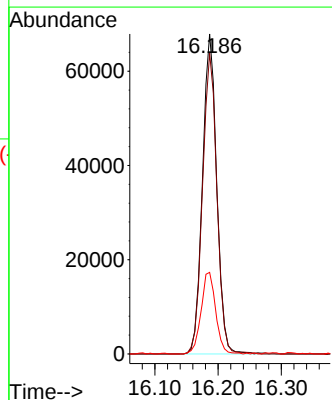
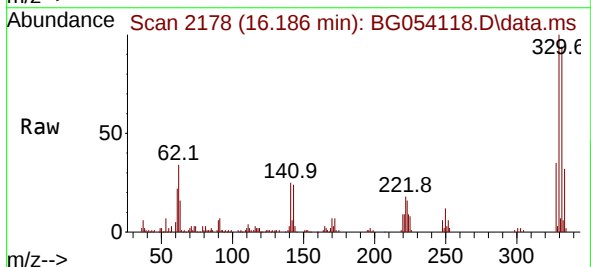


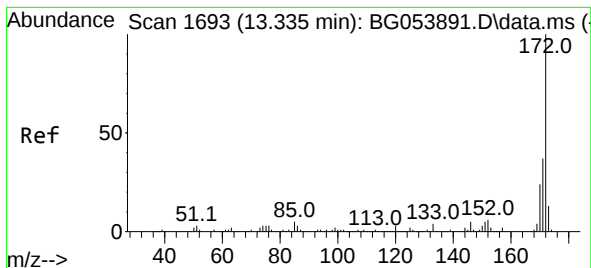
Tgt Ion:164 Resp: 59778
Ion Ratio Lower Upper
164 100
162 108.8 82.3 123.5
160 46.2 34.2 51.2



#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

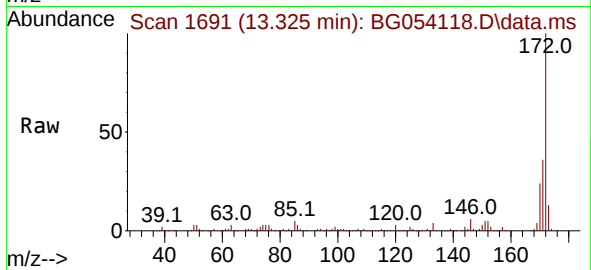
Tgt Ion:330 Resp: 106066
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 26.1 27.1 40.7#



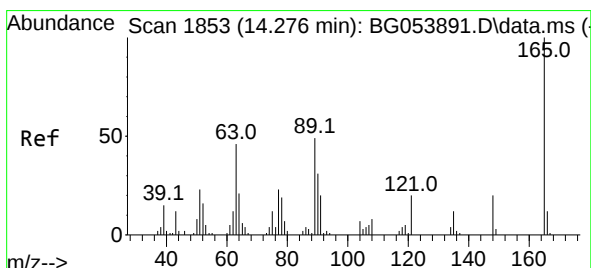
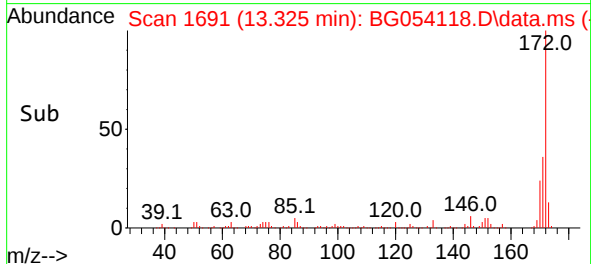
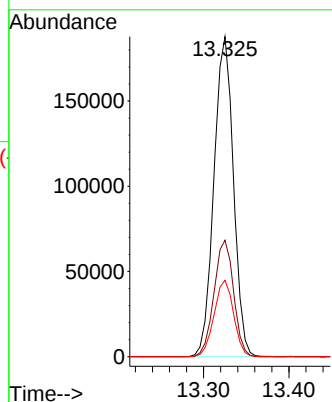


#45
2-Fluorobiphenyl
Concen: 72.424 ng
RT: 13.325 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

Instrument :
BNA_G
ClientSampleId :

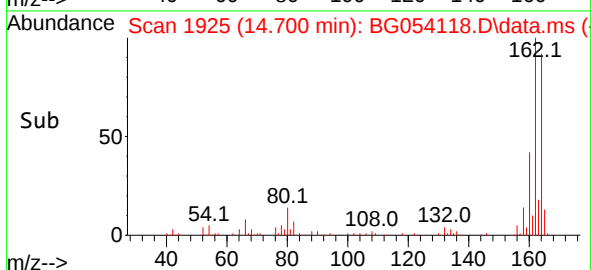
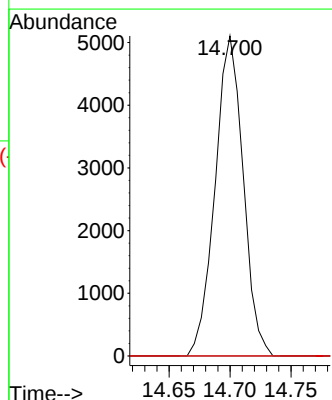
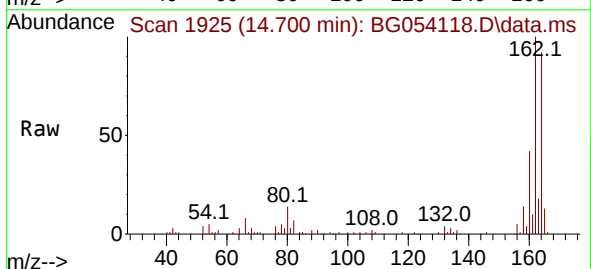


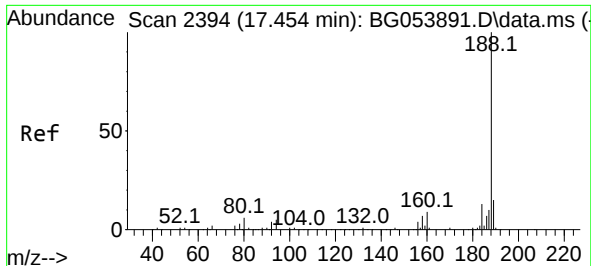
Tgt Ion:172 Resp: 297729
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.9 18.9 28.3



#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#

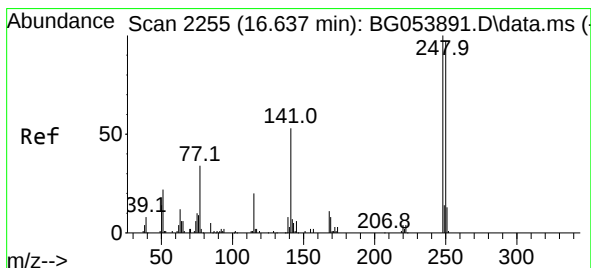
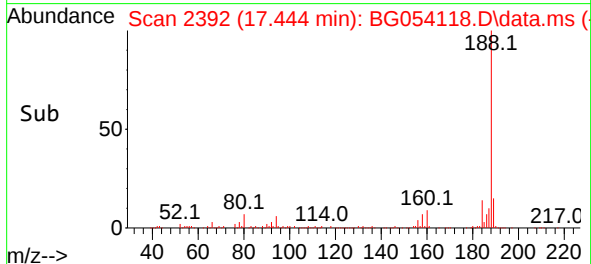
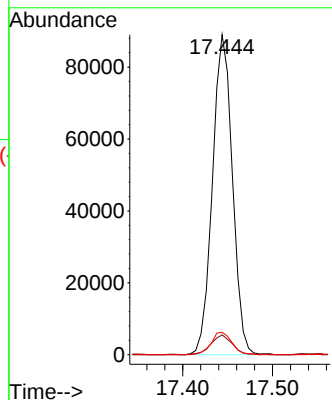
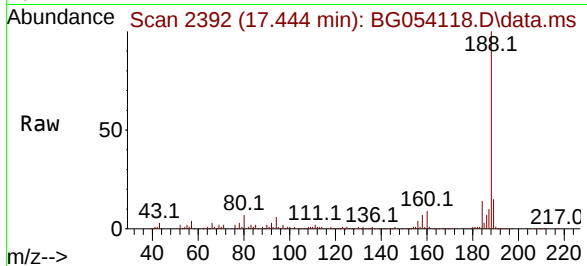




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.444 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

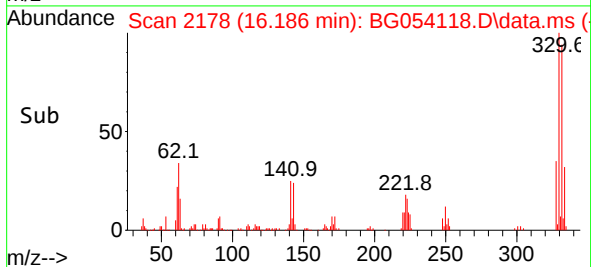
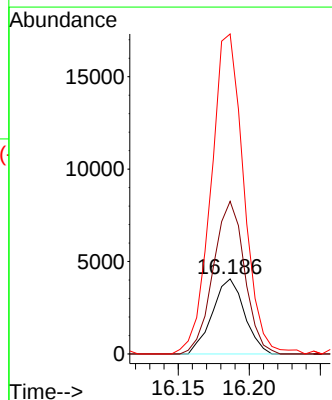
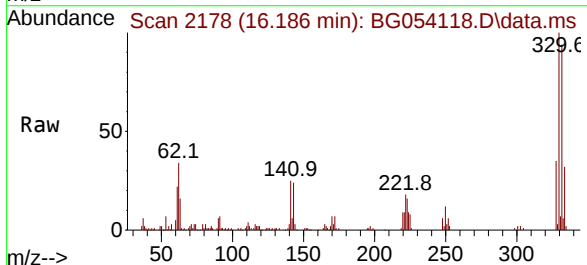
Instrument :
BNA_G
ClientSampleId :

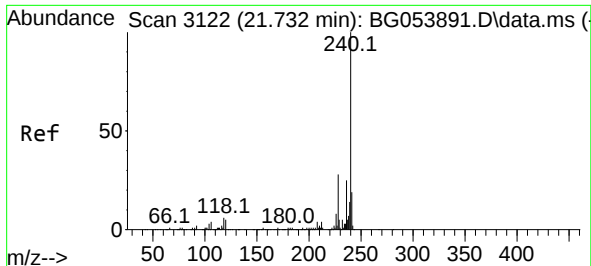
Tgt Ion:188 Resp: 137065
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.0 6.8 10.2



#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#

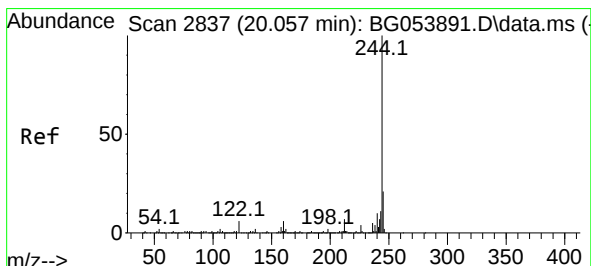
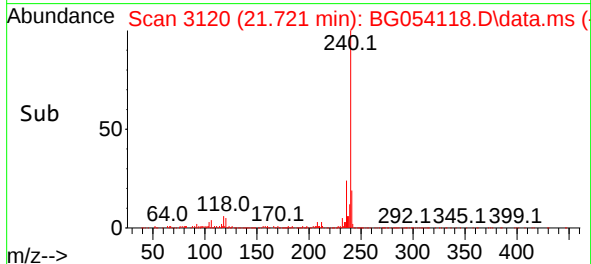
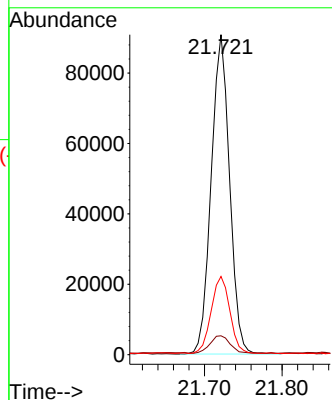
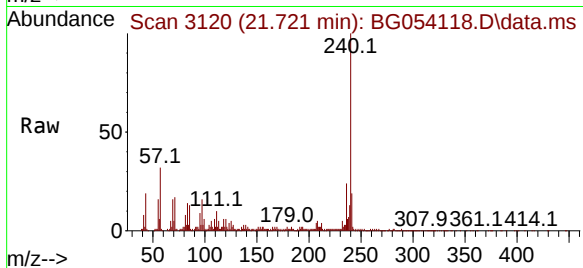




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054118.D
Acq: 28 Jun 2022 14:42

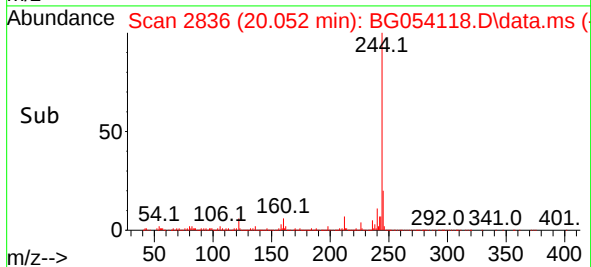
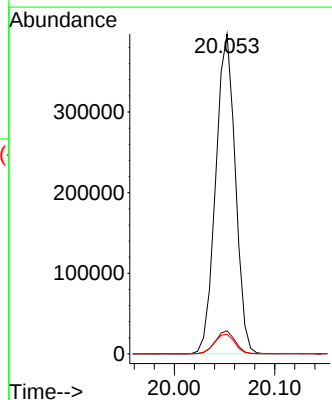
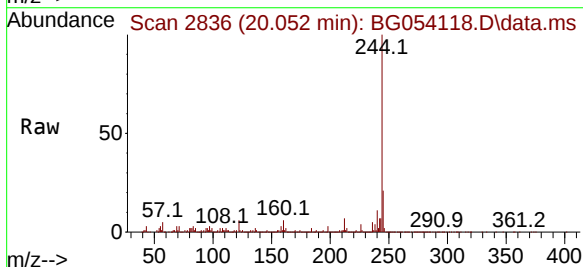
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BNA_G
ClientSampleId :

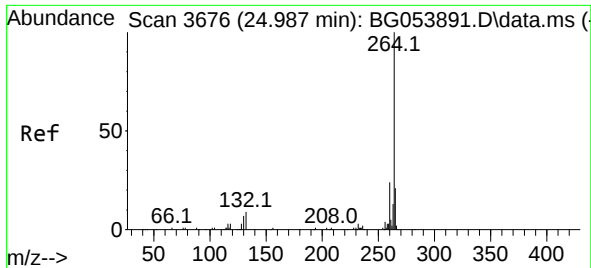
Tgt Ion:240 Resp: 149191
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.5 20.2 30.4



#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

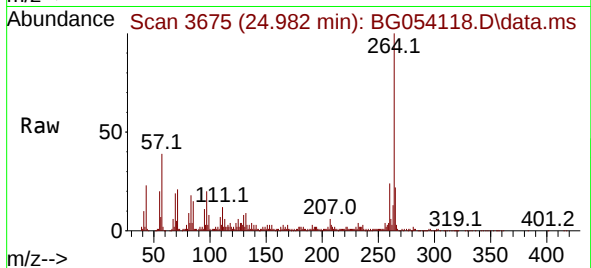
Tgt Ion:244 Resp: 536917
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 6.2 5.0 7.4





#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 :



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

