

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053914.D
 Acq On : 14 Jun 2022 23:22
 Operator : CG/JU
 Sample : N3334-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-11

Quant Time: Jun 15 03:06:01 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 13 15:49:31 2022
 Response via : Initial Calibration

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

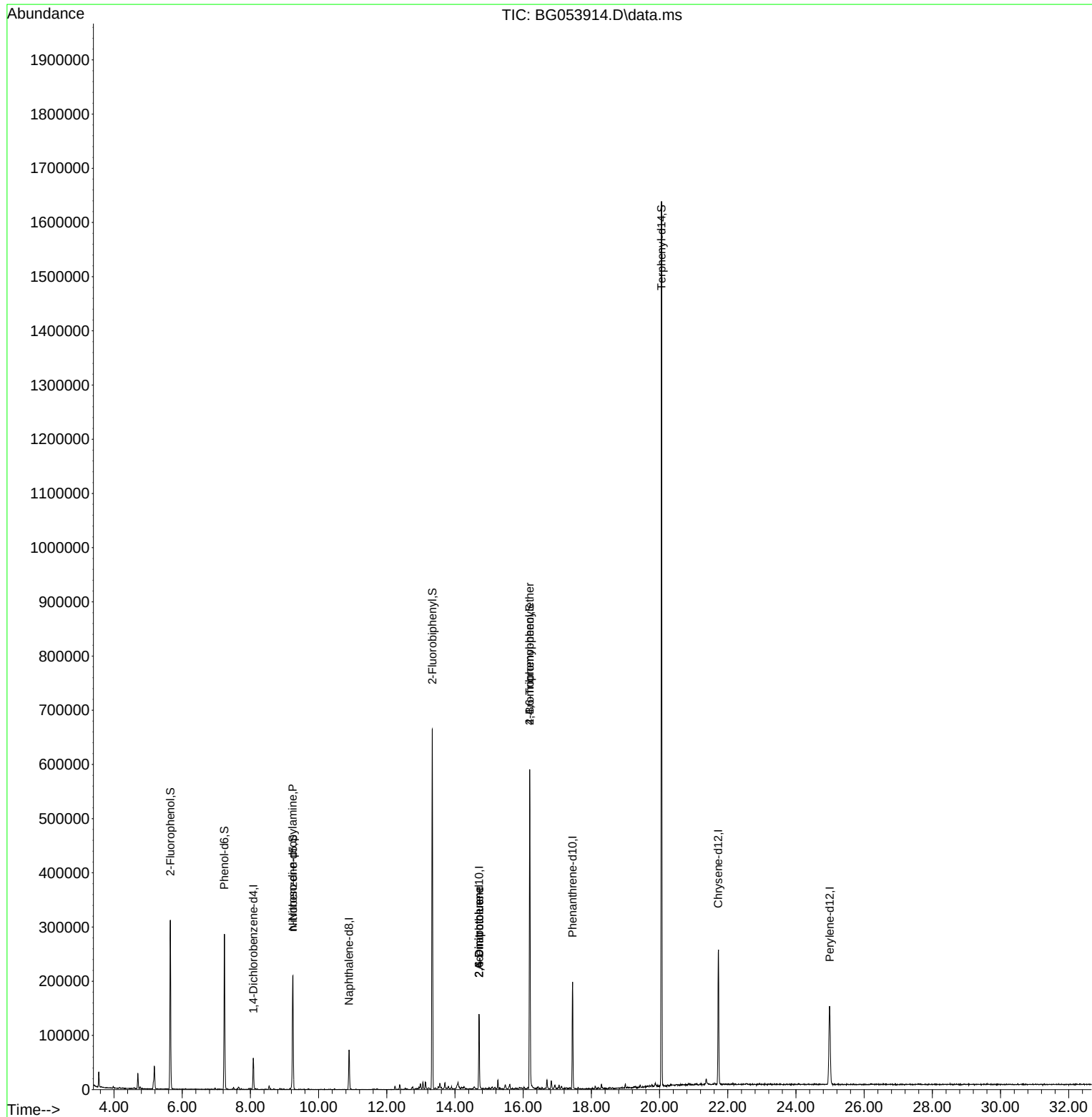
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	17680	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	68175	20.000	ng	0.00
39) Acenaphthene-d10	14.705	164	53339	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	142786	20.000	ng	# 0.00
76) Chrysene-d12	21.721	240	179302	20.000	ng	-0.01
86) Perylene-d12	24.987	264	185719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	140533	151.972	ng	0.00
7) Phenol-d6	7.238	99	171103	136.395	ng	0.00
23) Nitrobenzene-d5	9.247	82	133243	109.831	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	153207	178.774	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	396132	107.994	ng	0.00
79) Terphenyl-d14	20.058	244	926613	104.086	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.241	70	18326	21.745	ng	# 83
51) 2,6-Dinitrotoluene	14.711	165	7496	9.133	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	7496	6.467	ng	# 21
67) 4-Bromophenyl-phenylether	16.192	248	9316	5.224	ng	# 1

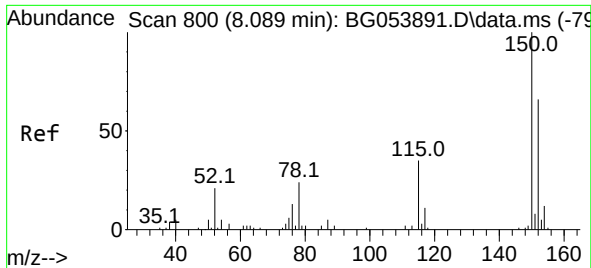
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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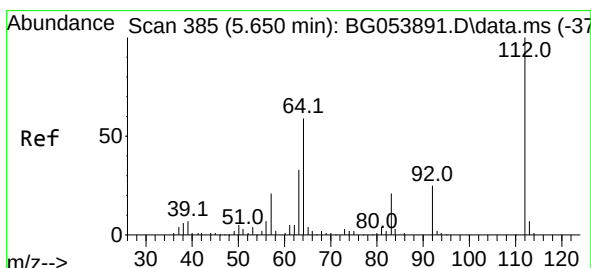
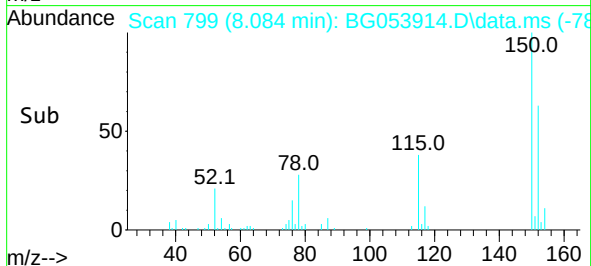
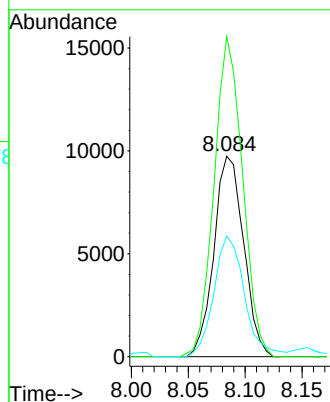
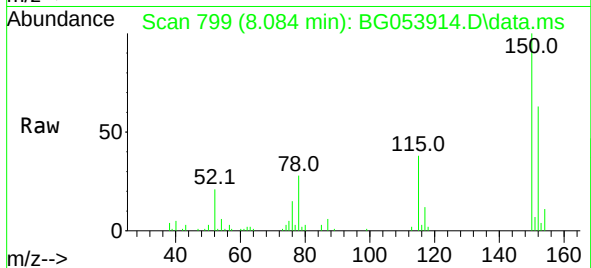




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

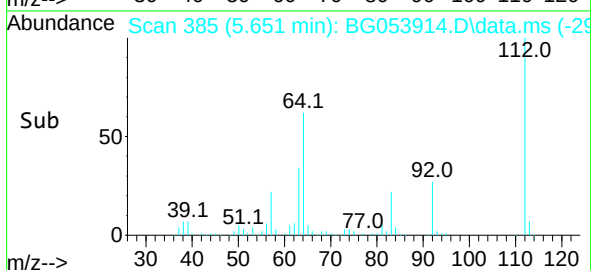
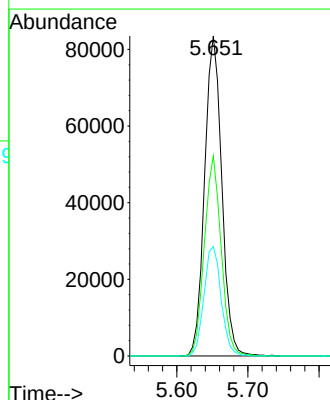
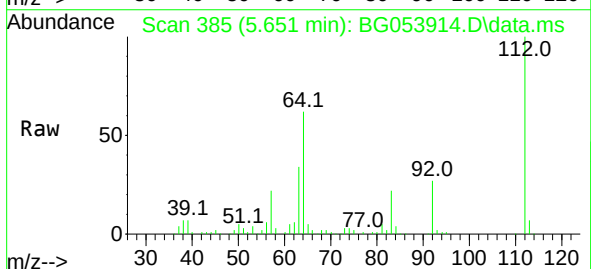
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-11

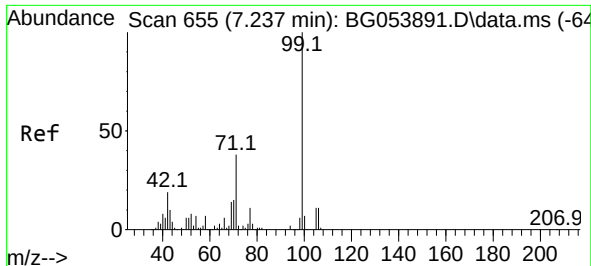
Tgt Ion:152 Resp: 17680
Ion Ratio Lower Upper
152 100
150 159.6 131.6 197.4
115 60.2 50.9 76.3



#5
2-Fluorophenol
Concen: 151.972 ng
RT: 5.651 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

Tgt Ion:112 Resp: 140533
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 34.2 30.4 45.6

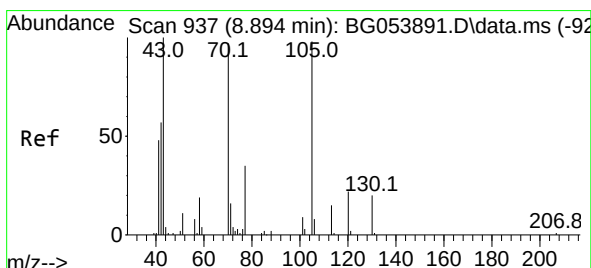
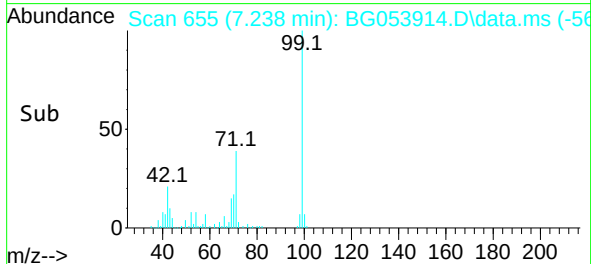
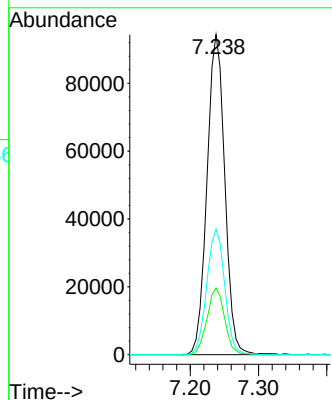
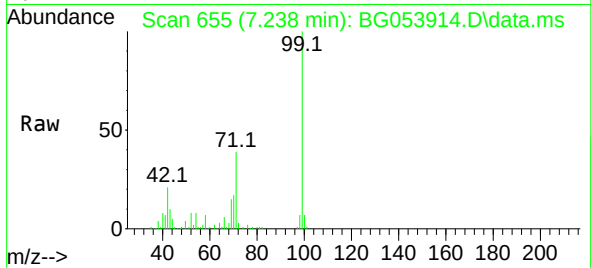




#7
Phenol-d6
Concen: 136.395 ng
RT: 7.238 min Scan# 611
Delta R.T. 0.001 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

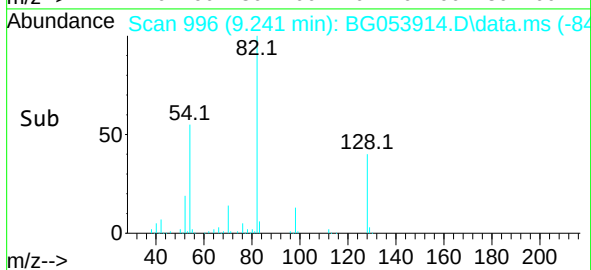
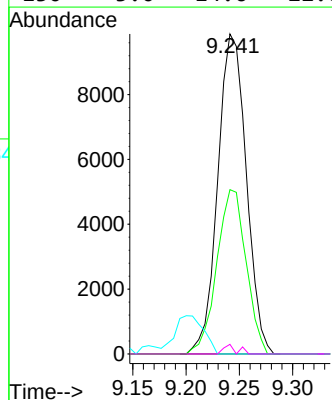
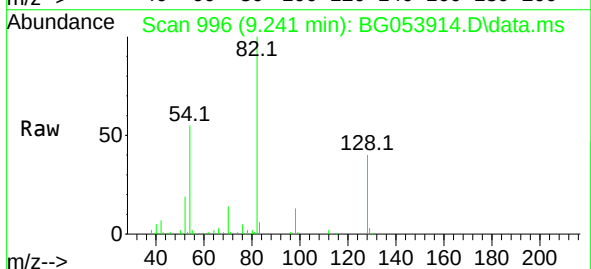
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-11

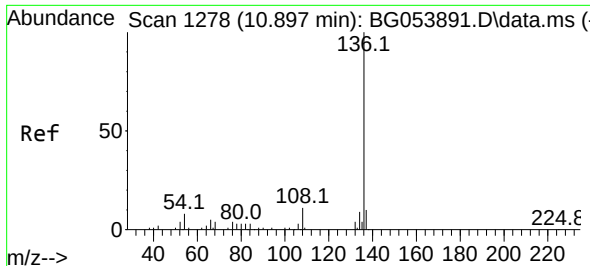
Tgt Ion: 99 Resp: 171103
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 39.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.745 ng
RT: 9.241 min Scan# 996
Delta R.T. 0.348 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

Tgt Ion: 70 Resp: 18326
Ion Ratio Lower Upper
70 100
42 51.3 47.3 70.9
101 0.0 7.0 10.4#
130 3.0 14.6 22.0#

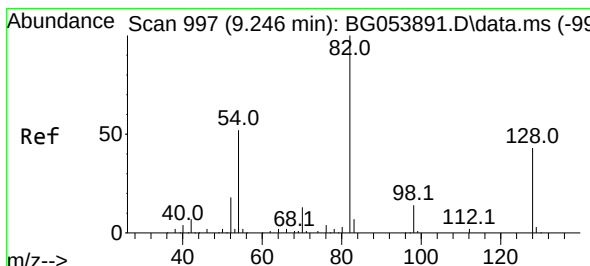
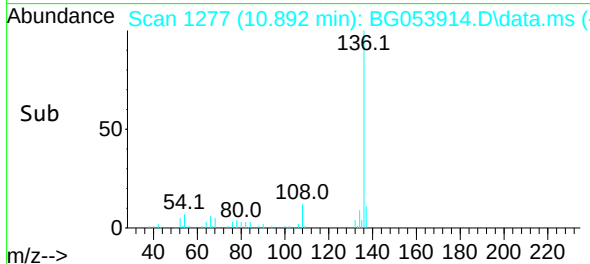
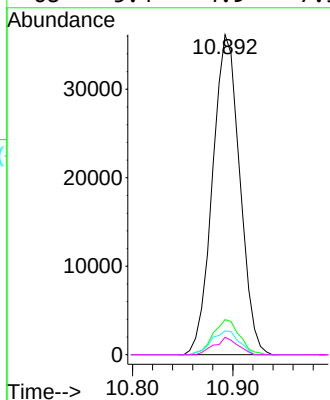
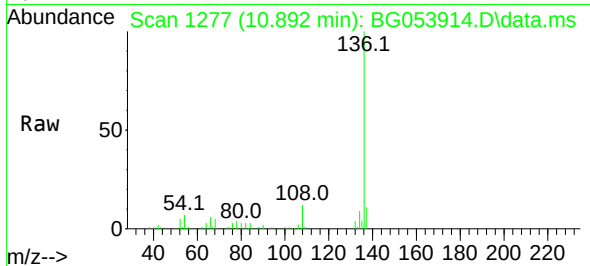




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

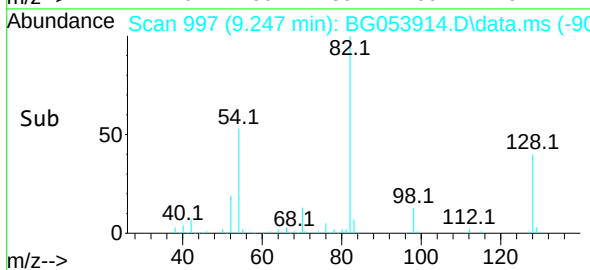
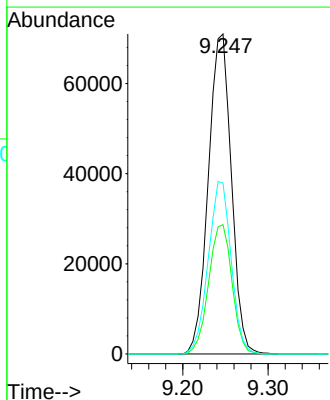
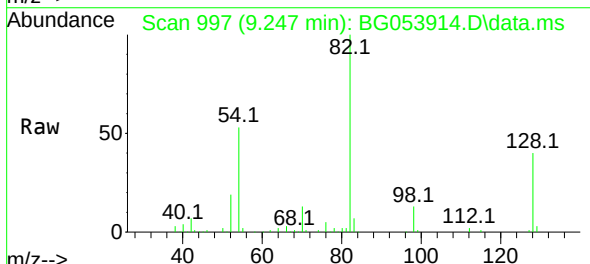
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-11

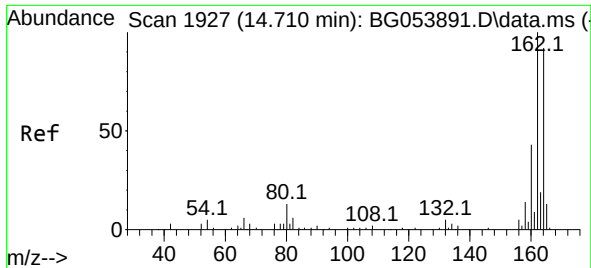
Tgt Ion:	136	Resp:	68175
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	7.5	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 109.831 ng
RT: 9.247 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

Tgt Ion:	82	Resp:	133243
Ion Ratio	Lower	Upper	
82	100		
128	40.4	27.9	41.9
54	53.4	41.2	61.8

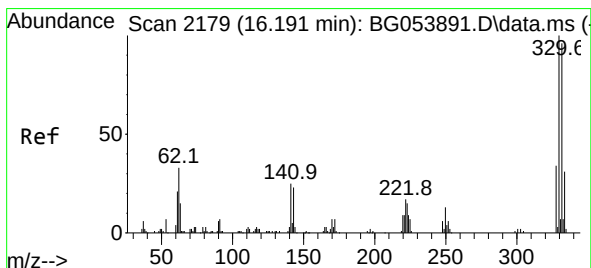
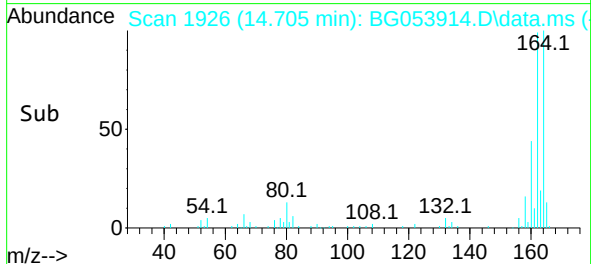
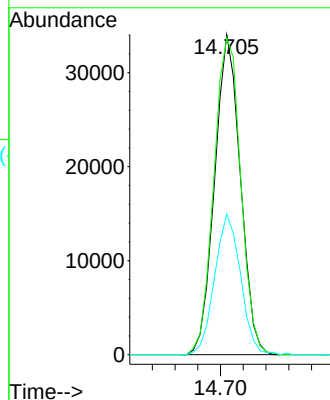
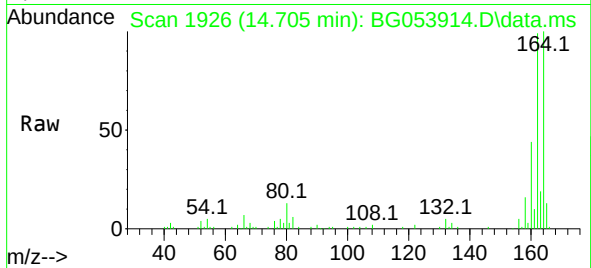




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.705 min Scan# 1926
 Delta R.T. -0.005 min
 Lab File: BG053914.D
 Acq: 14 Jun 2022 23:22

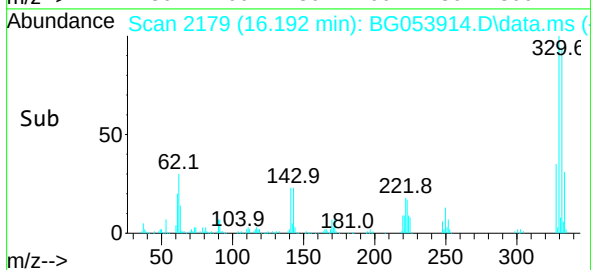
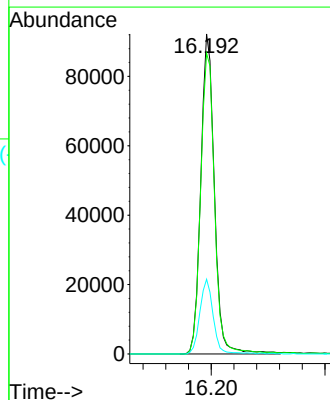
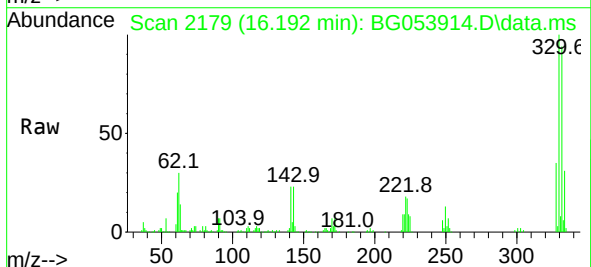
Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-11

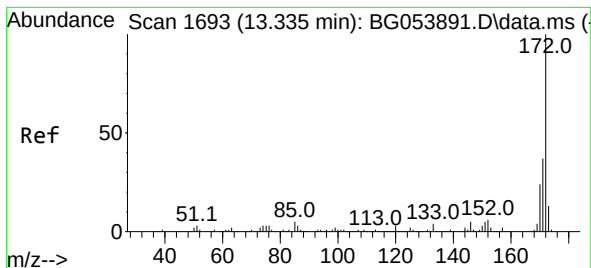
Tgt Ion:164 Resp: 53339
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.3 123.5
 160 44.0 34.2 51.2



#42
 2,4,6-Tribromophenol
 Concen: 178.774 ng
 RT: 16.192 min Scan# 2179
 Delta R.T. 0.001 min
 Lab File: BG053914.D
 Acq: 14 Jun 2022 23:22

Tgt Ion:330 Resp: 153207
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 22.7 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 107.994 ng

RT: 13.336 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG053914.D

Acq: 14 Jun 2022 23:22

Instrument :

BNA_G

ClientSampleId :

WC-14A-1A-11

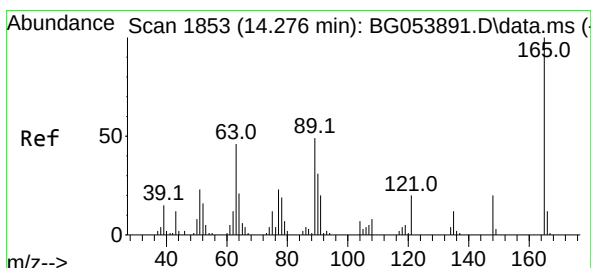
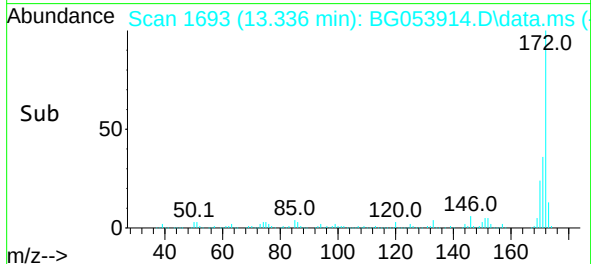
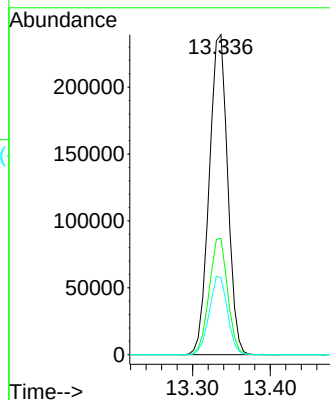
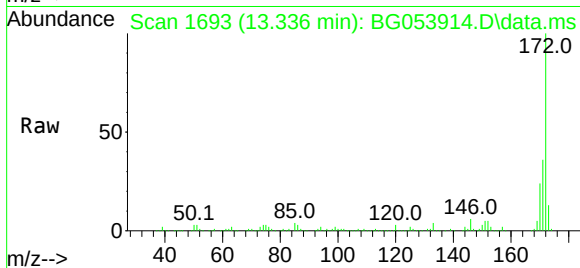
Tgt Ion:172 Resp: 396132

Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.0 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 9.133 ng

RT: 14.711 min Scan# 1927

Delta R.T. 0.436 min

Lab File: BG053914.D

Acq: 14 Jun 2022 23:22

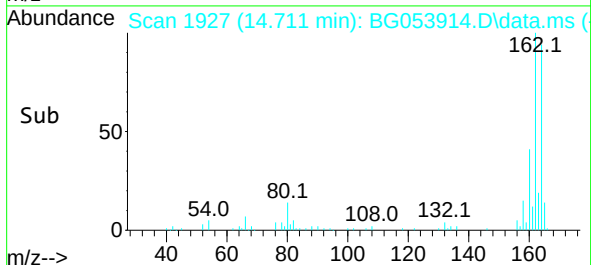
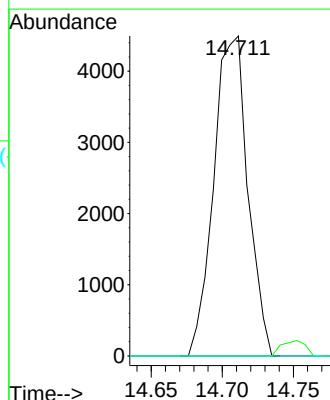
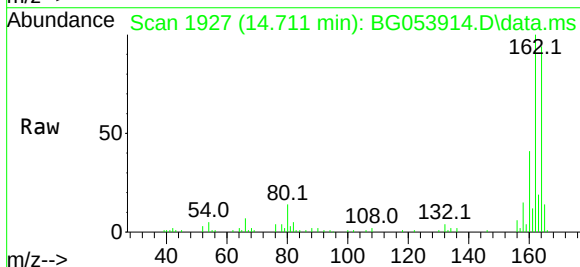
Tgt Ion:165 Resp: 7496

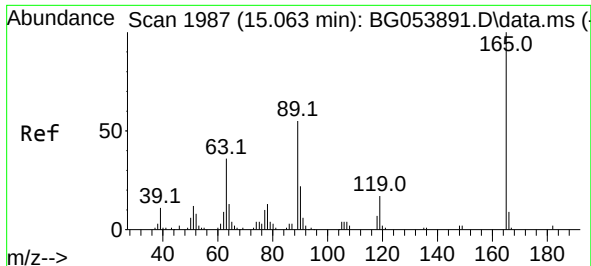
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

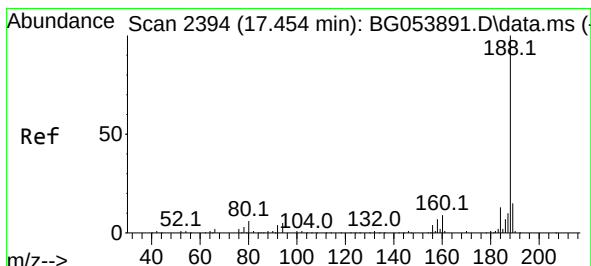
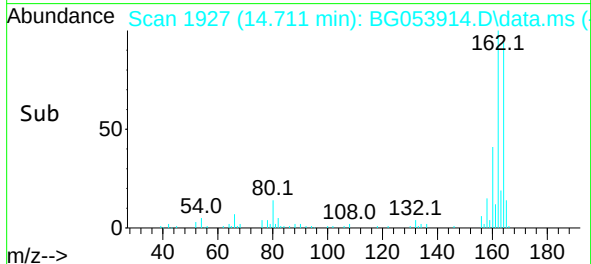
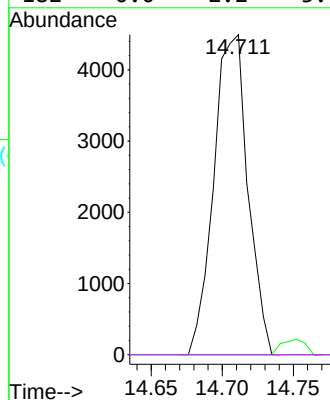
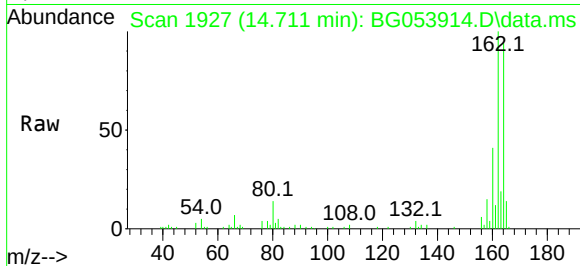




#57
2,4-Dinitrotoluene
Concen: 6.467 ng
RT: 14.711 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

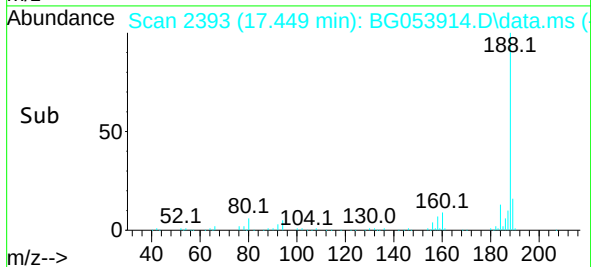
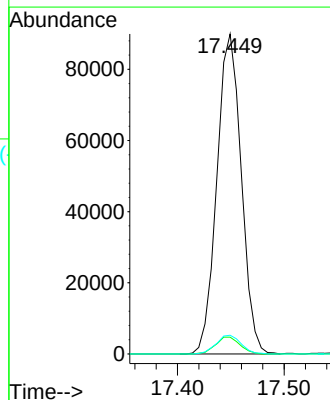
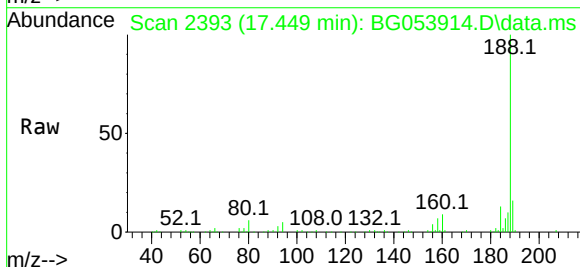
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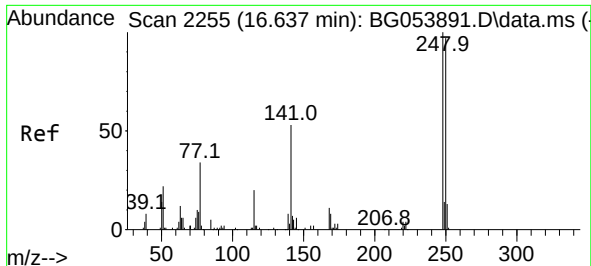
Tgt Ion:165 Resp: 7496
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2393
Delta R.T. -0.005 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

Tgt Ion:188 Resp: 142786
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.9 6.8 10.2#

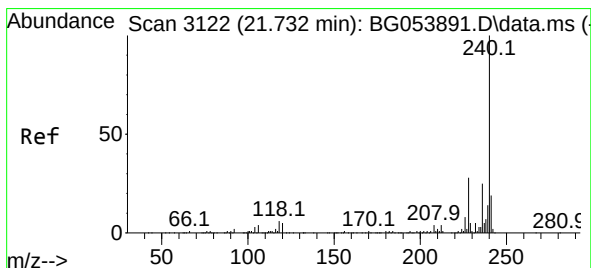
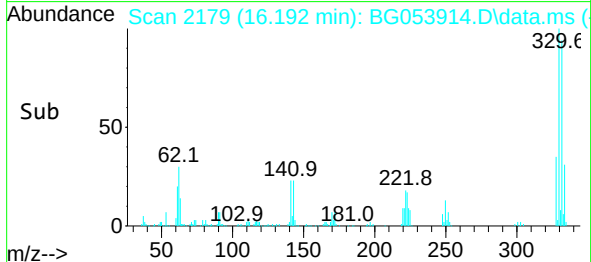
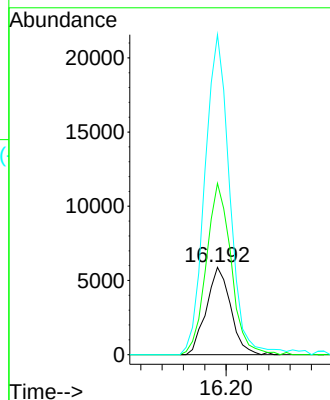
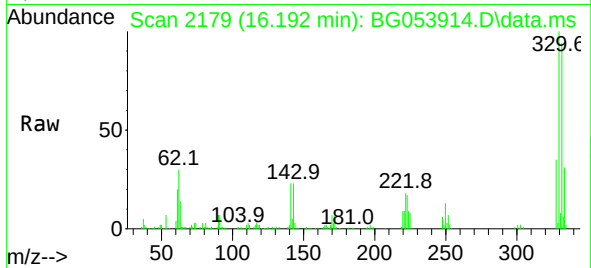




#67
4-Bromophenyl-phenylether
Concen: 5.224 ng
RT: 16.192 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

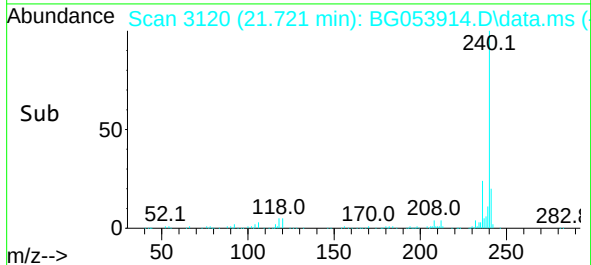
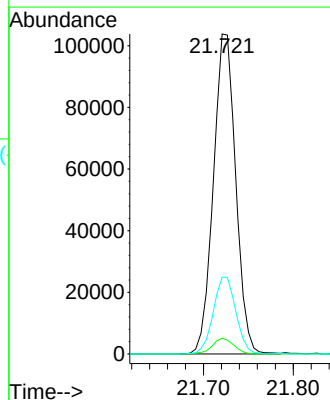
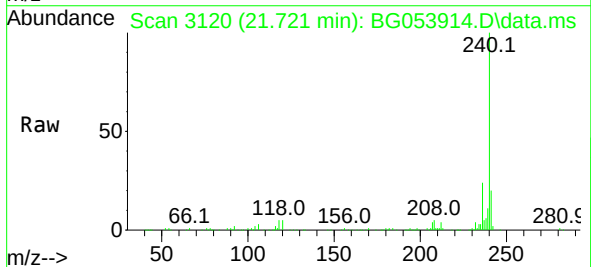
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-11

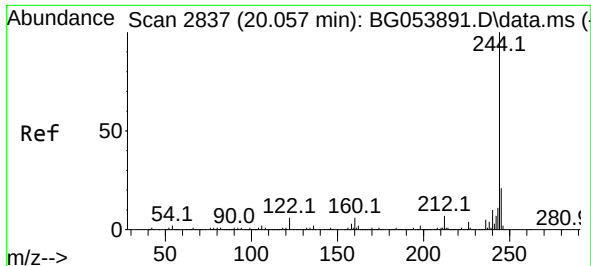
Tgt Ion:248 Resp: 9316
Ion Ratio Lower Upper
248 100
250 149.6 75.2 112.8#
141 279.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3120
Delta R.T. -0.011 min
Lab File: BG053914.D
Acq: 14 Jun 2022 23:22

Tgt Ion:240 Resp: 179302
Ion Ratio Lower Upper
240 100
120 4.9 4.6 7.0
236 24.0 20.2 30.4

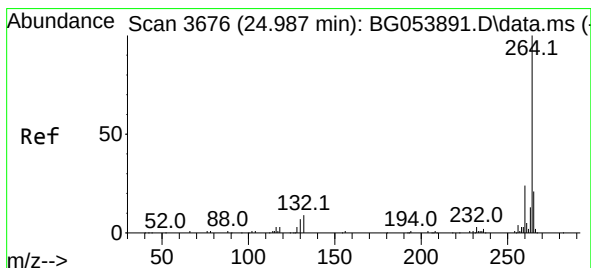
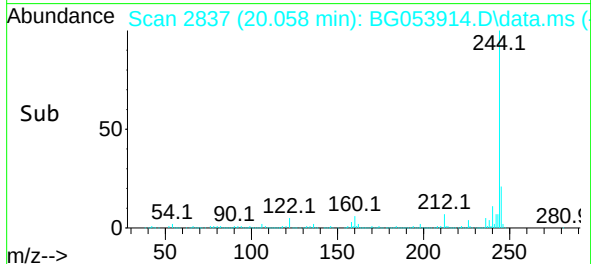
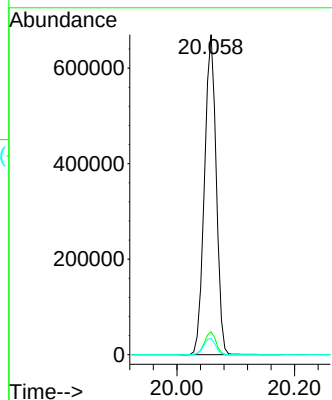
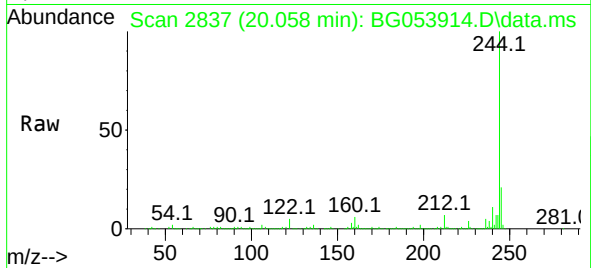




#79
 Terphenyl-d14
 Concen: 104.086 ng
 RT: 20.058 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053914.D
 Acq: 14 Jun 2022 23:22

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-11

Tgt Ion:244 Resp: 926613
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 5.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3676
 Delta R.T. 0.001 min
 Lab File: BG053914.D
 Acq: 14 Jun 2022 23:22

Tgt Ion:264 Resp: 185719
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.3 17.4 26.2

