

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053900.D
 Acq On : 14 Jun 2022 13:05
 Operator : CG/JU
 Sample : PB145464BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145513BL

Quant Time: Jun 15 02:59:04 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)

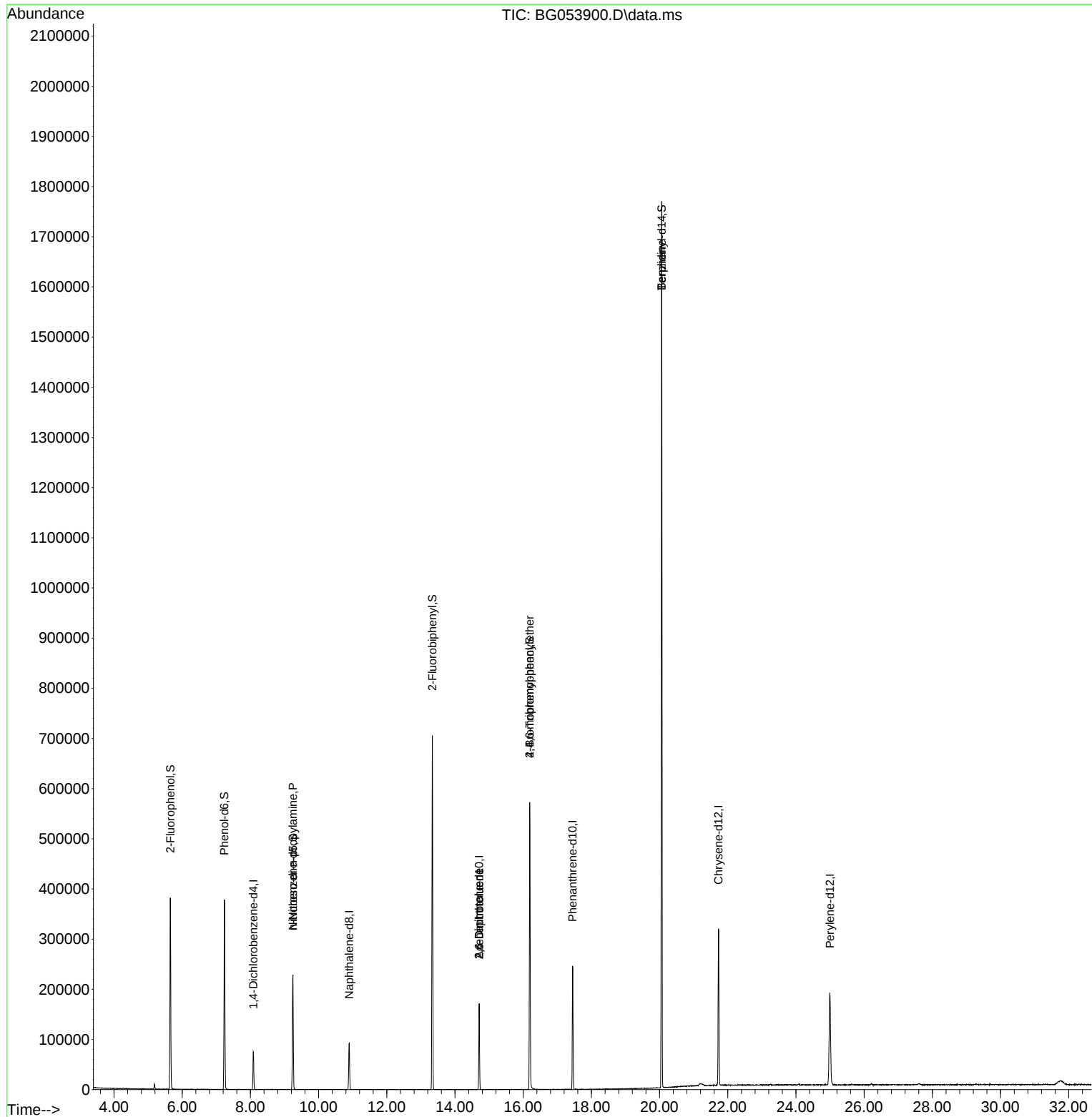
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	23955	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	89327	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	66918	20.000	ng	0.00
64) Phenanthrene-d10	17.449	188	180357	20.000	ng	0.00
76) Chrysene-d12	21.726	240	226480	20.000	ng	0.00
86) Perylene-d12	24.993	264	228038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	179184	143.011	ng	0.00
7) Phenol-d6	7.237	99	228977	134.716	ng	0.00
23) Nitrobenzene-d5	9.246	82	147941	93.071	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	142891	132.903	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	418703	90.984	ng	0.00
79) Terphenyl-d14	20.063	244	1026123	91.253	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.246	70	19418	17.005	ng	# 73
51) 2,6-Dinitrotoluene	14.711	165	8981	8.722	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	8981	6.176	ng	# 21
67) 4-Bromophenyl-phenylether	16.191	248	9039	4.013	ng	# 1
77) Benzidine	20.063	184	13278	2.831	ng	97

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

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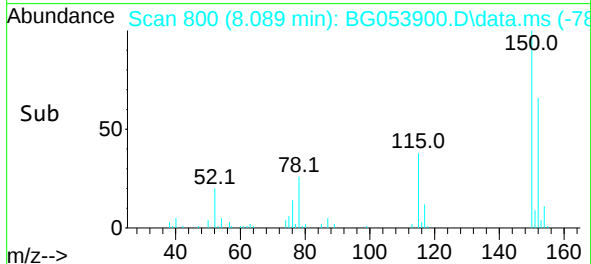
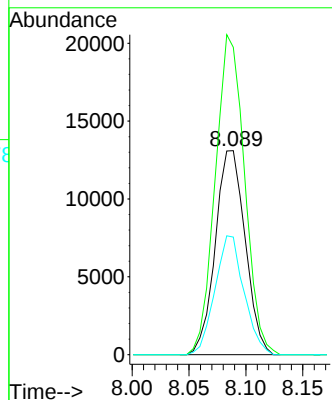
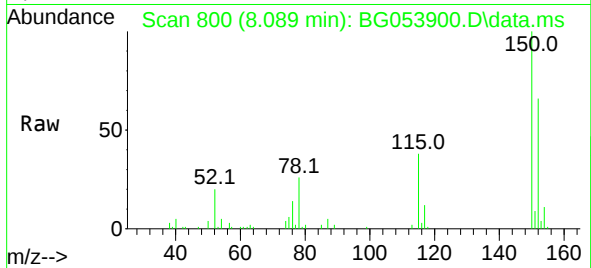




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.089 min Scan# 800
Delta R.T. -0.000 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

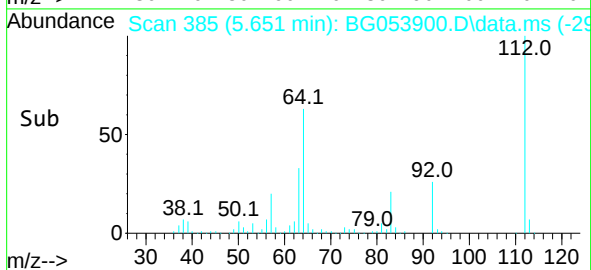
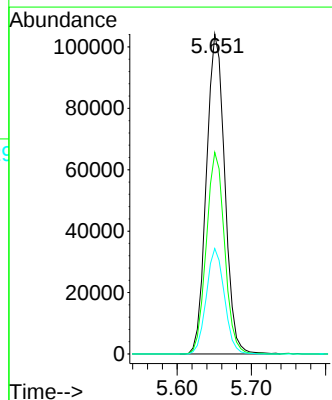
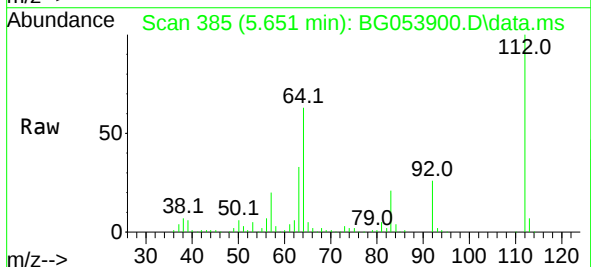
Instrument :
BNA_G
ClientSampleId :
PB145513BL

Tgt Ion:152 Resp: 23955
Ion Ratio Lower Upper
152 100
150 150.6 131.6 197.4
115 57.7 50.9 76.3



#5
2-Fluorophenol
Concen: 143.011 ng
RT: 5.651 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Tgt Ion:112 Resp: 179184
Ion Ratio Lower Upper
112 100
64 63.0 55.1 82.7
63 33.0 30.4 45.6

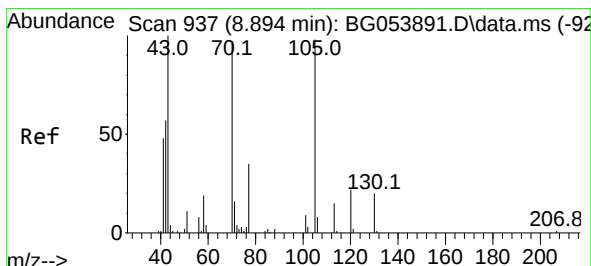
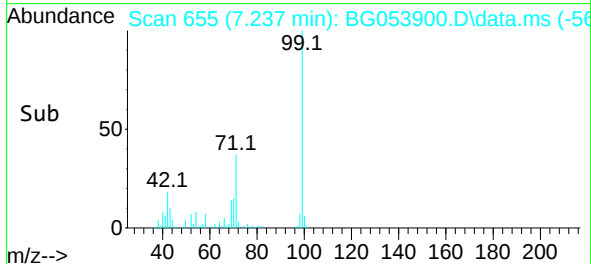
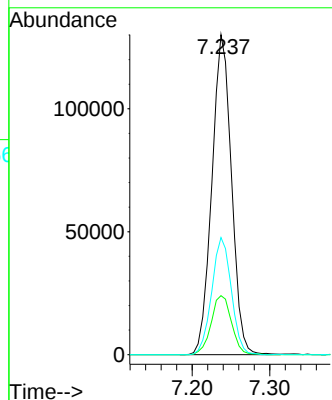
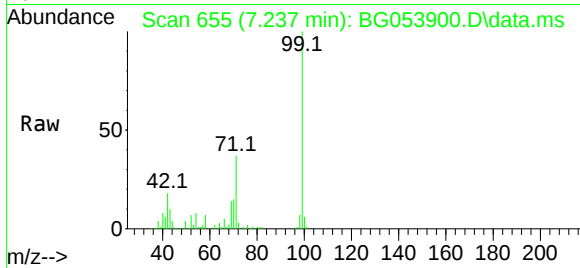




#7
Phenol-d6
Concen: 134.716 ng
RT: 7.237 min Scan# 611
Delta R.T. 0.000 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

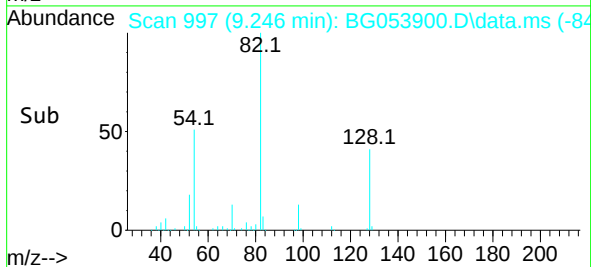
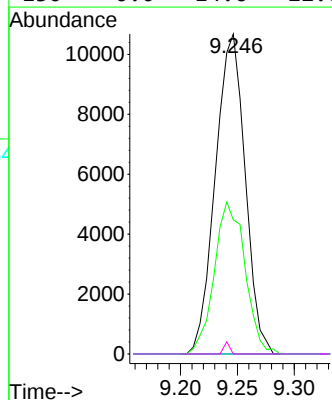
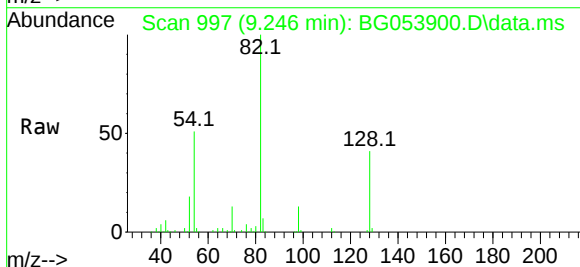
Instrument :
BNA_G
ClientSampleId :
PB145513BL

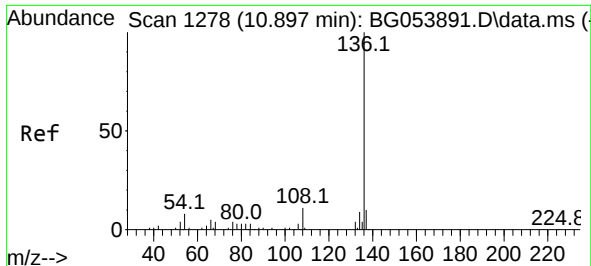
Tgt Ion: 99 Resp: 228977
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 36.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.005 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.353 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Tgt Ion: 70 Resp: 19418
Ion Ratio Lower Upper
70 100
42 41.9 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

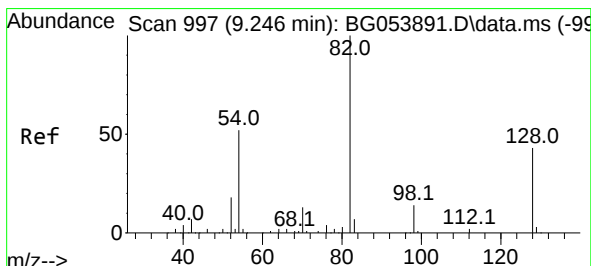
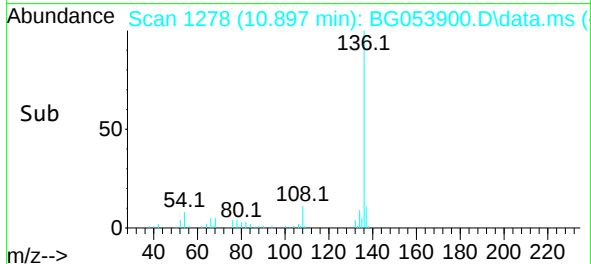
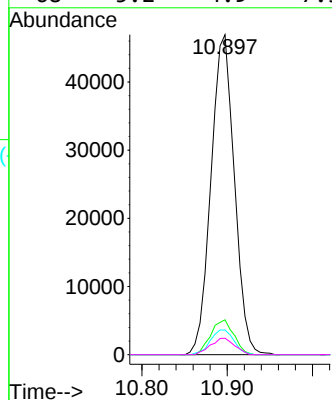
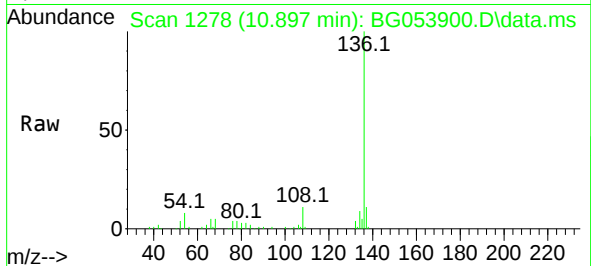




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

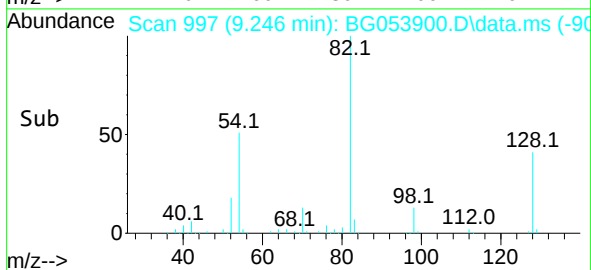
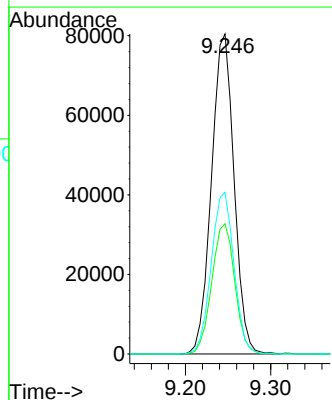
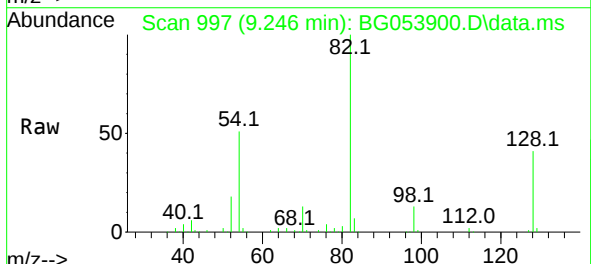
Instrument :
BNA_G
ClientSampleId :
PB145513BL

Tgt Ion:	136	Resp:	89327
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	7.7	7.4	11.2
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 93.071 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Tgt Ion:	82	Resp:	147941
Ion Ratio	Lower	Upper	
82	100		
128	40.7	27.9	41.9
54	50.5	41.2	61.8

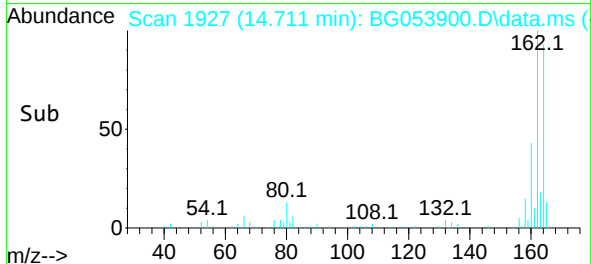
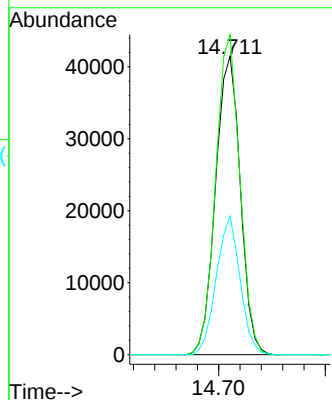
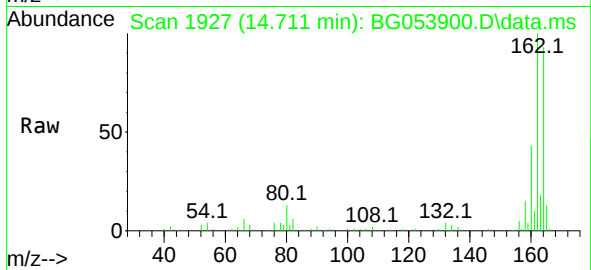




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.001 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

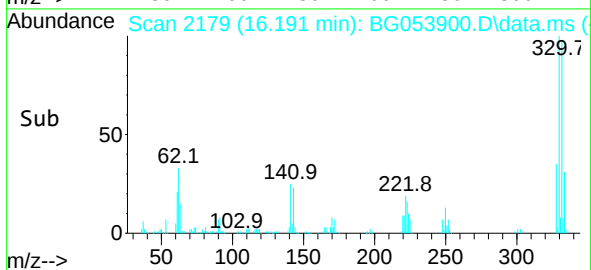
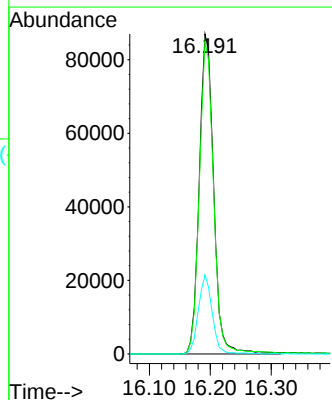
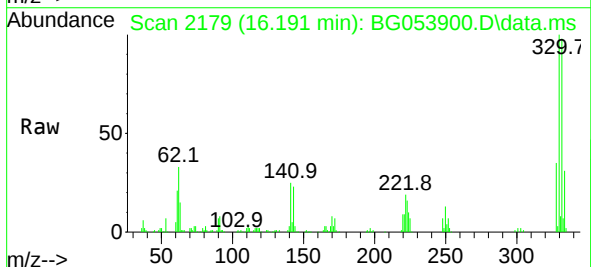
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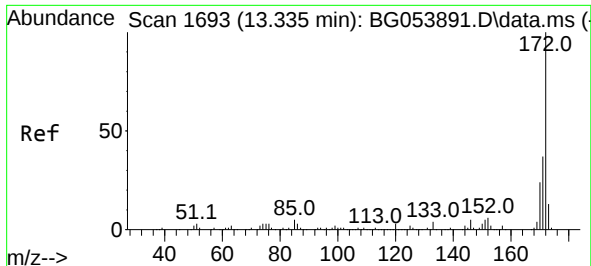
Tgt Ion:164 Resp: 66918
Ion Ratio Lower Upper
164 100
162 107.2 82.3 123.5
160 46.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 132.903 ng
RT: 16.191 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Tgt Ion:330 Resp: 142891
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 23.7 27.1 40.7#

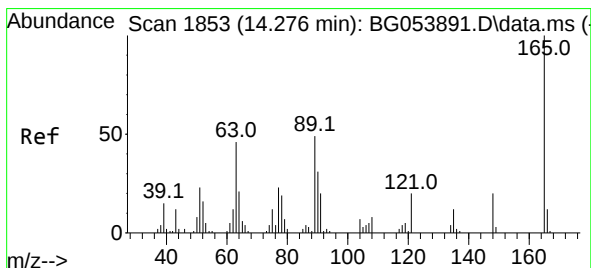
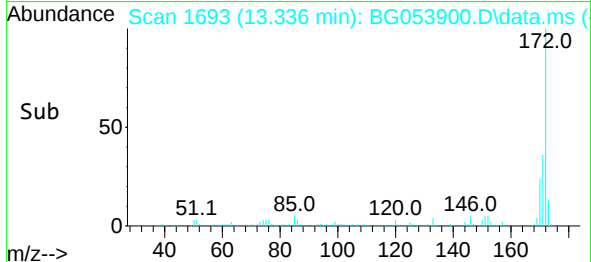
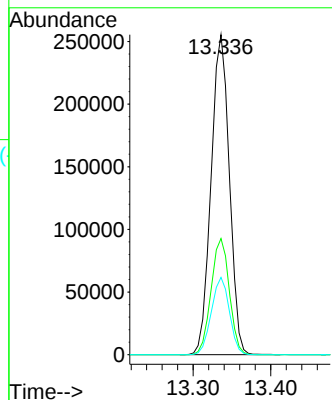
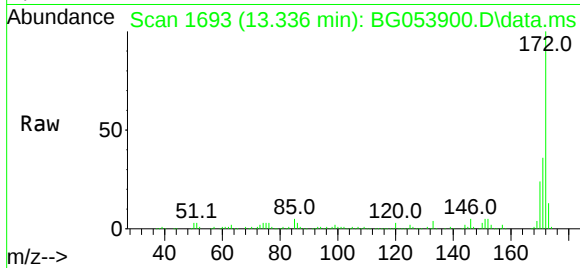




#45
2-Fluorobiphenyl
Concen: 90.984 ng
RT: 13.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

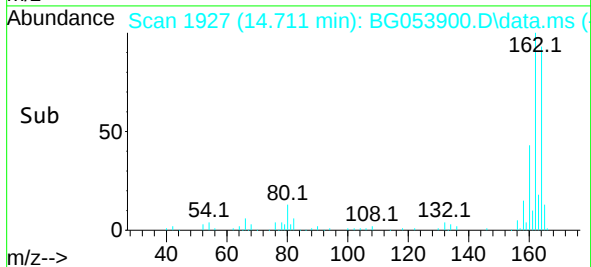
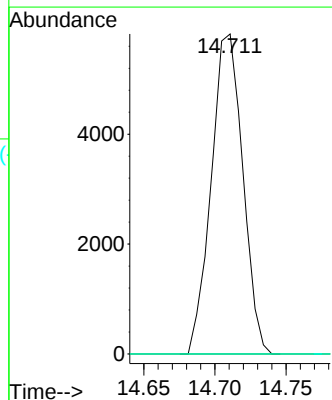
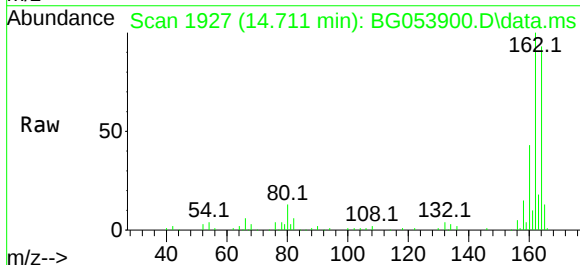
Instrument :
BNA_G
ClientSampleId :
PB145513BL

Tgt Ion:172 Resp: 418703
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.722 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.435 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Tgt Ion:165 Resp: 8981
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

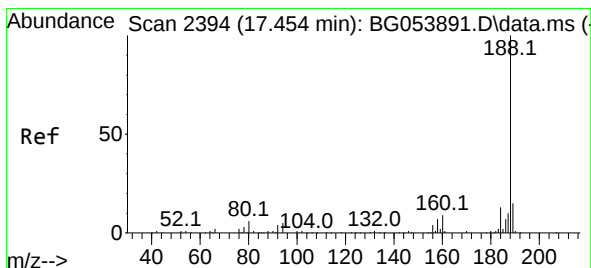
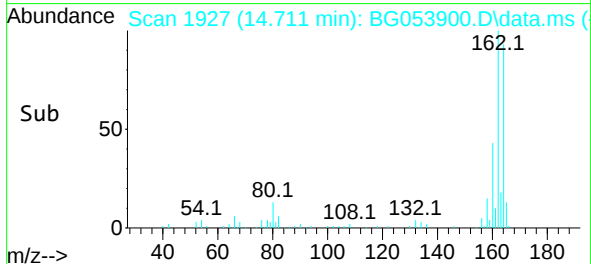
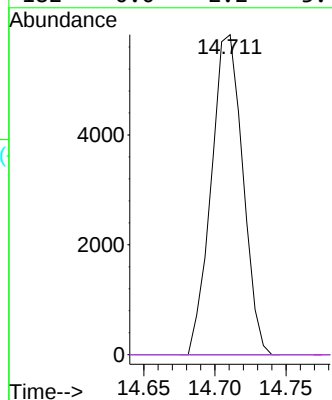
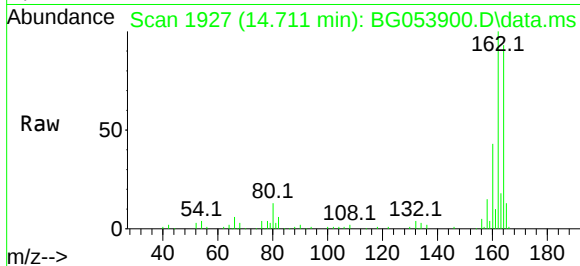




#57
2,4-Dinitrotoluene
Concen: 6.176 ng
RT: 14.711 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

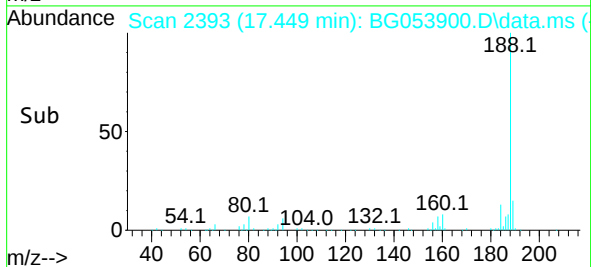
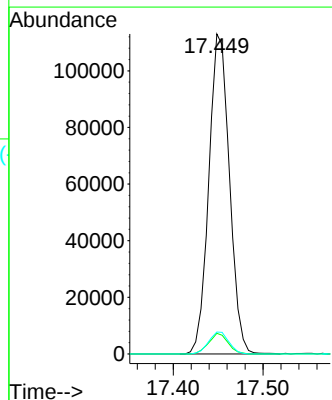
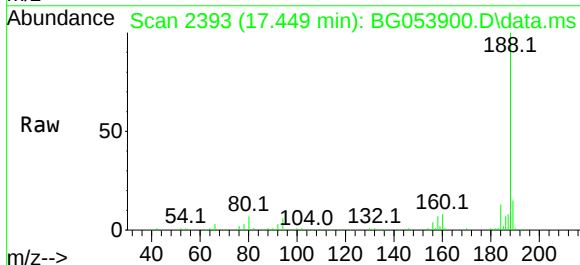
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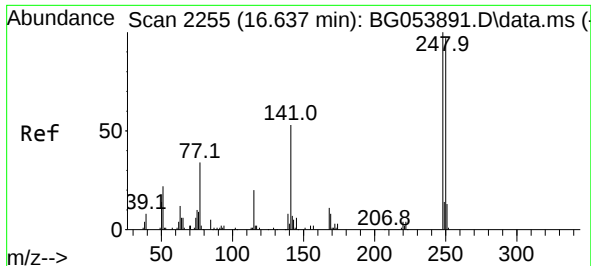
Tgt Ion:165 Resp: 8981
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.449 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Tgt Ion:188 Resp: 180357
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.0
80 6.9 6.8 10.2

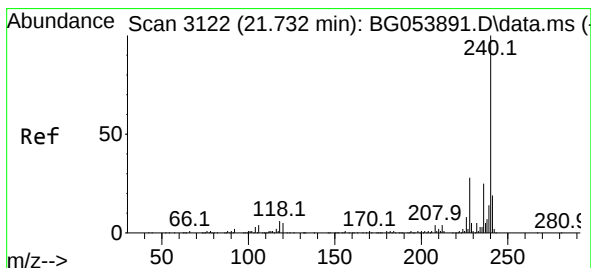
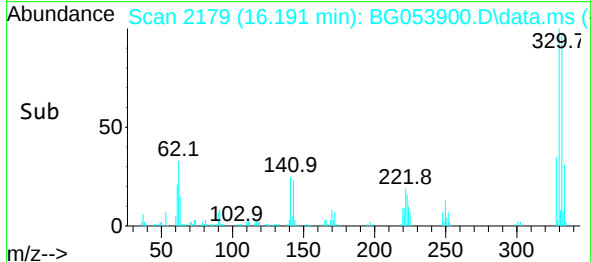
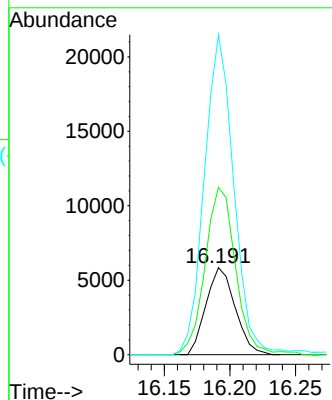
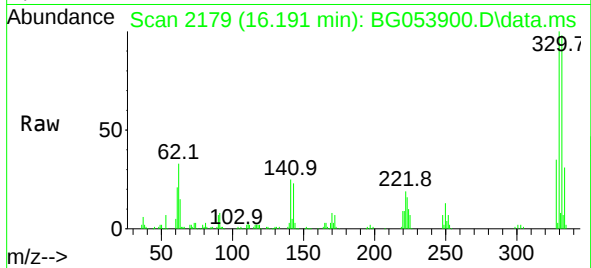




#67
4-Bromophenyl-phenylether
Concen: 4.013 ng
RT: 16.191 min Scan# 2119
Delta R.T. -0.446 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

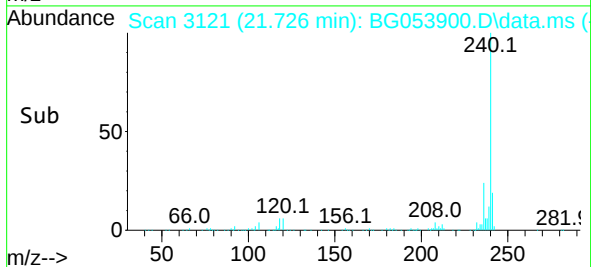
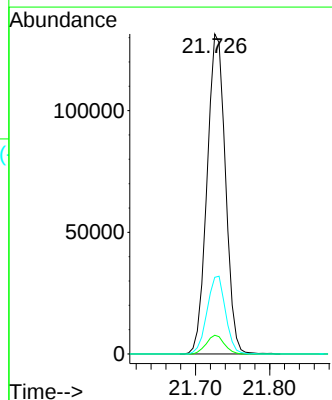
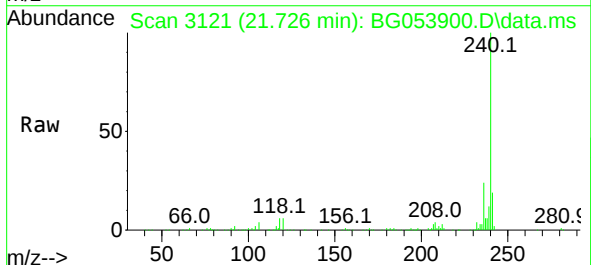
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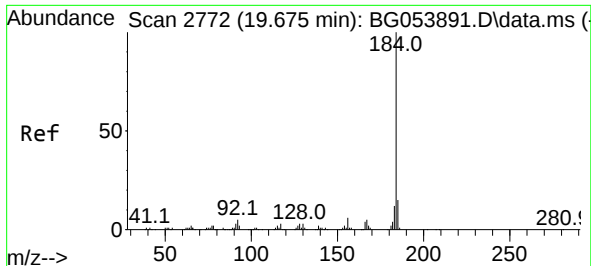
Tgt Ion:248 Resp: 9039
Ion Ratio Lower Upper
248 100
250 191.9 75.2 112.8#
141 283.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.726 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Tgt Ion:240 Resp: 226480
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.0 20.2 30.4

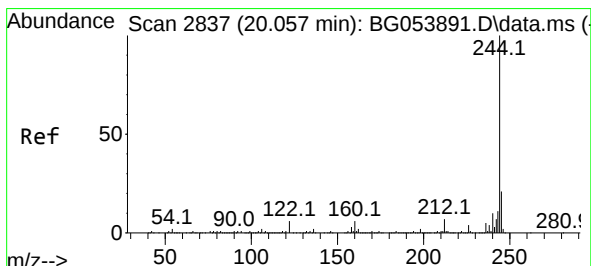
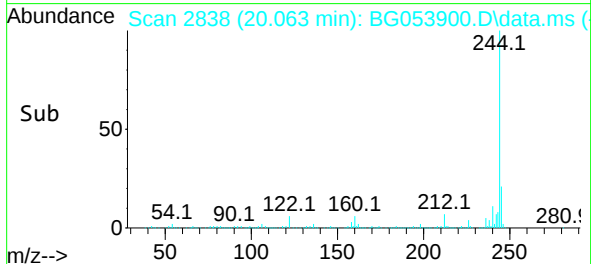
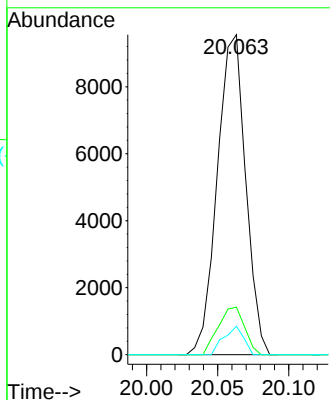
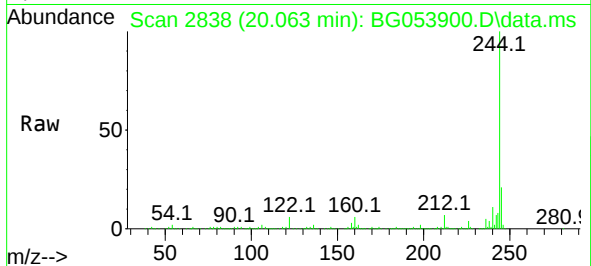




#77
Benzidine
Concen: 2.831 ng
RT: 20.063 min Scan# 21
Delta R.T. 0.388 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

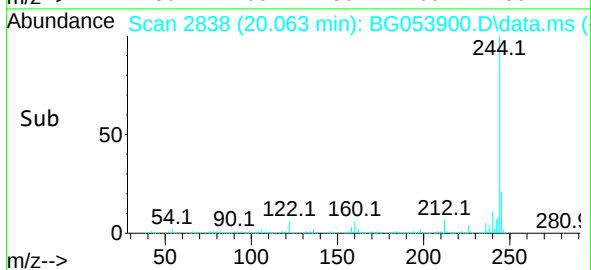
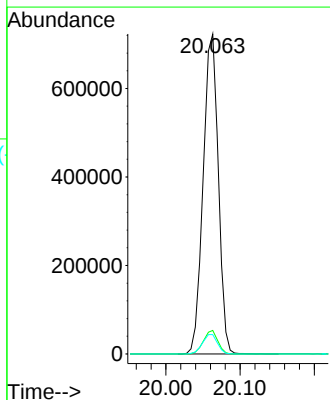
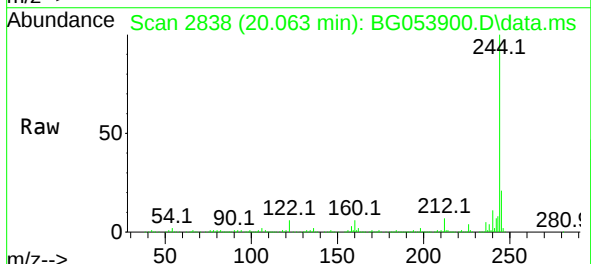
Instrument :
BNA_G
ClientSampleId :
PB145513BL

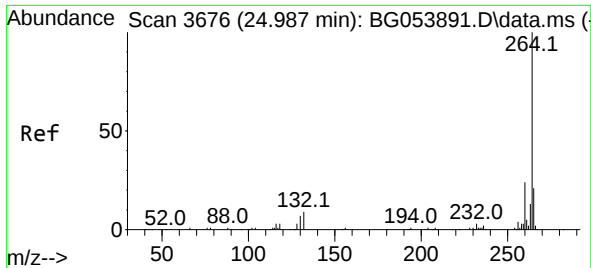
Tgt Ion:184 Resp: 13278
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 8.9 8.9 13.3



#79
Terphenyl-d14
Concen: 91.253 ng
RT: 20.063 min Scan# 2838
Delta R.T. 0.006 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

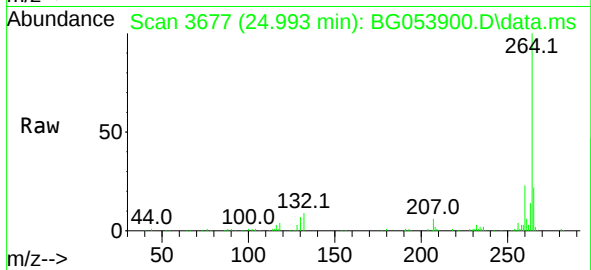
Tgt Ion:244 Resp: 1026123
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.0 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.993 min Scan# 30
Delta R.T. 0.006 min
Lab File: BG053900.D
Acq: 14 Jun 2022 13:05

Instrument :
BNA_G
ClientSampleId :
PB145513BL



Tgt Ion:264 Resp: 228038

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.8	17.4	26.2

