

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053303.D
 Acq On : 23 Apr 2022 21:30
 Operator : CG/JU
 Sample : N2523-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-042122

Quant Time: Apr 24 02:50:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

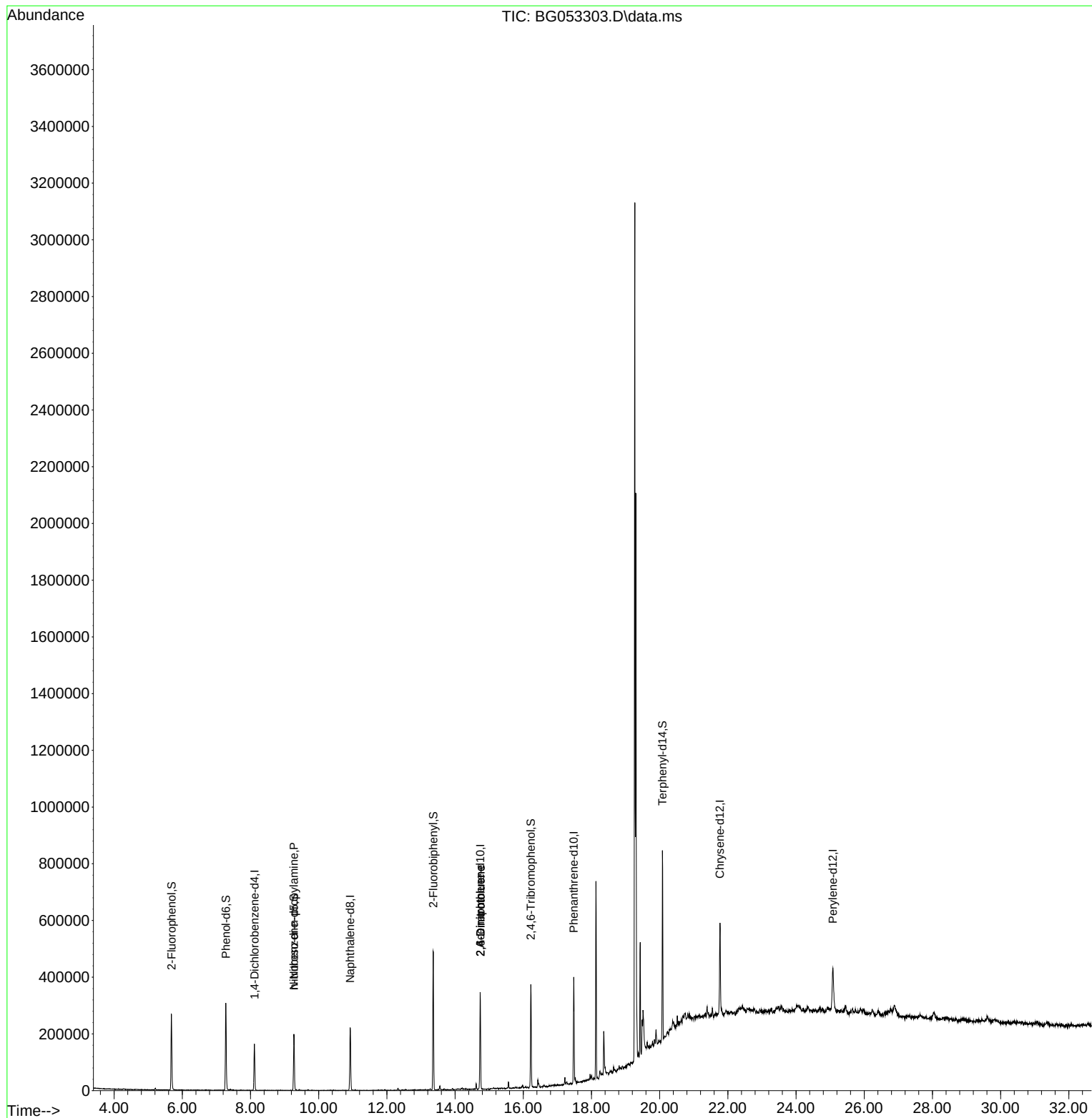
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	46800	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	184146	20.000	ng	0.00
39) Acenaphthene-d10	14.737	164	122606	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	240109	20.000	ng	0.00
76) Chrysene-d12	21.769	240	213636	20.000	ng	0.00
86) Perylene-d12	25.082	264	174394	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	120753	44.229	ng	0.00
7) Phenol-d6	7.276	99	177009	42.043	ng	0.00
23) Nitrobenzene-d5	9.274	82	127448	28.102	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	74056	37.966	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	268496	30.197	ng	0.00
79) Terphenyl-d14	20.083	244	335518	26.524	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	17460	5.665	ng	# 72
51) 2,6-Dinitrotoluene	14.743	165	16919	8.270	ng	# 24
57) 2,4-Dinitrotoluene	14.743	165	16919	5.809	ng	# 22

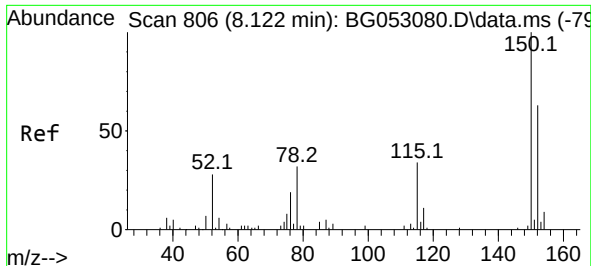
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 24 02:50:48 2022
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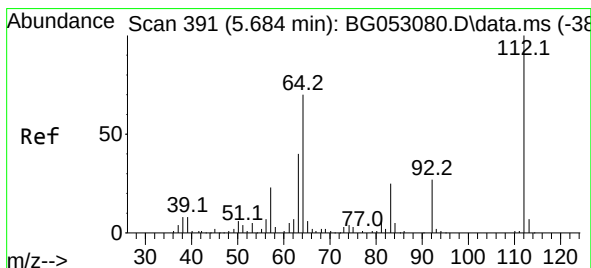
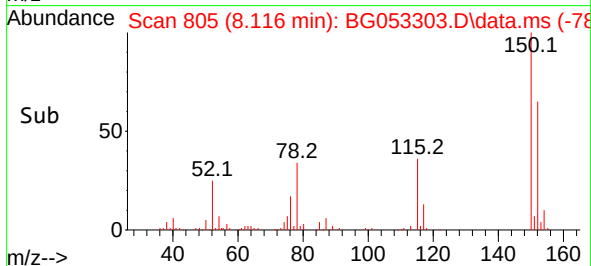
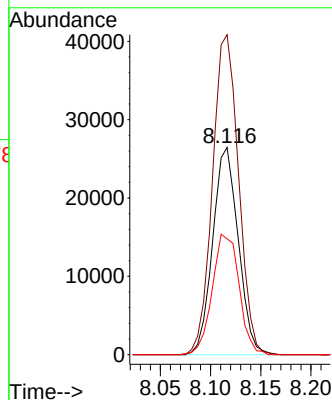
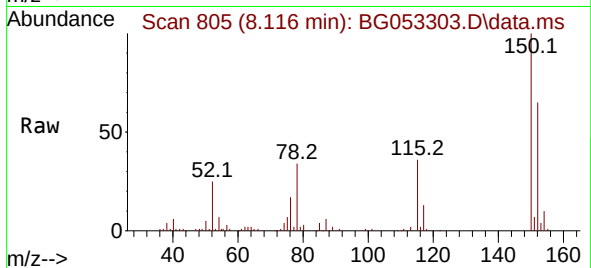




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

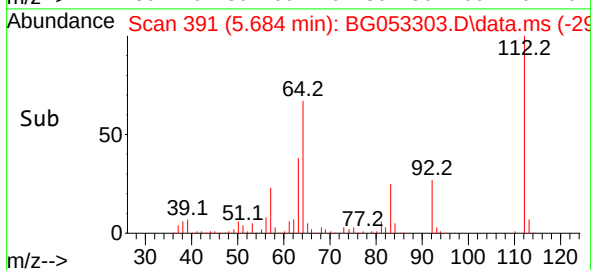
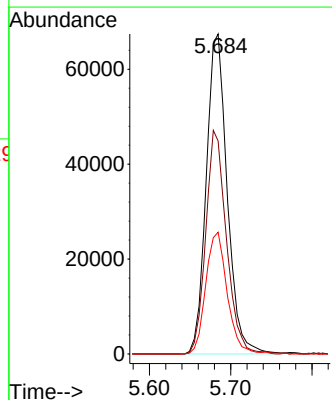
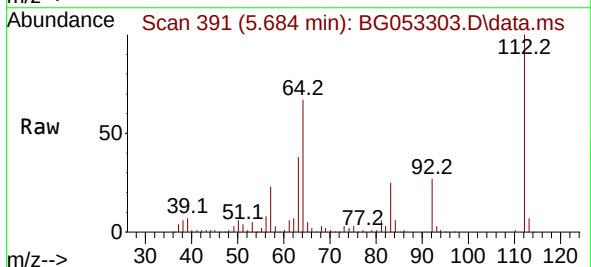
Instrument :
BNA_G
ClientSampleId :
SU-04-042122

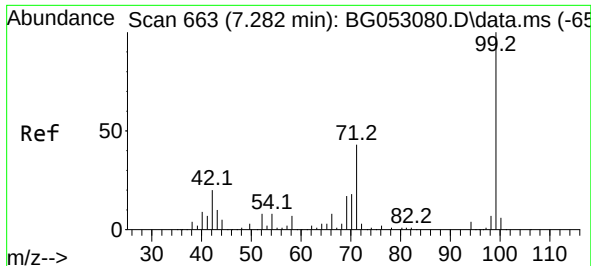
Tgt Ion:152 Resp: 46800
Ion Ratio Lower Upper
152 100
150 154.4 114.6 172.0
115 55.9 45.9 68.9



#5
2-Fluorophenol
Concen: 44.229 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.009 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

Tgt Ion:112 Resp: 120753
Ion Ratio Lower Upper
112 100
64 66.5 48.0 72.0
63 38.1 26.5 39.7

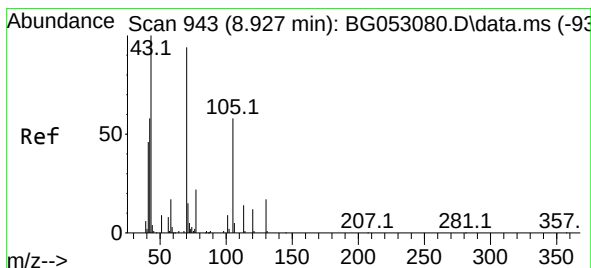
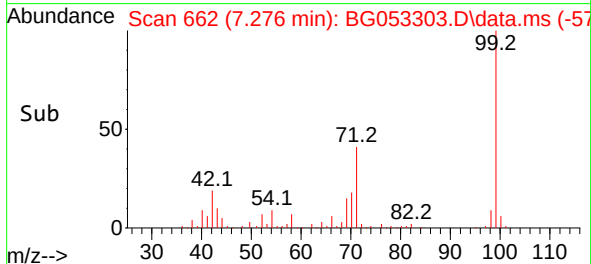
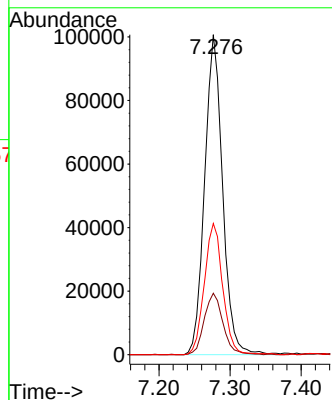
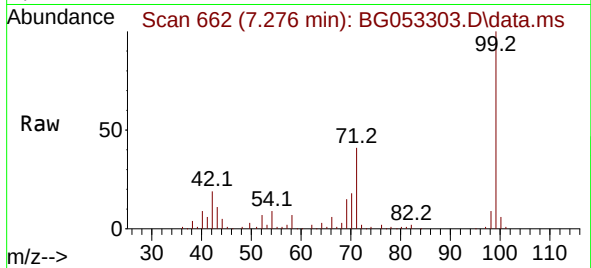




#7
Phenol-d6
Concen: 42.043 ng
RT: 7.276 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

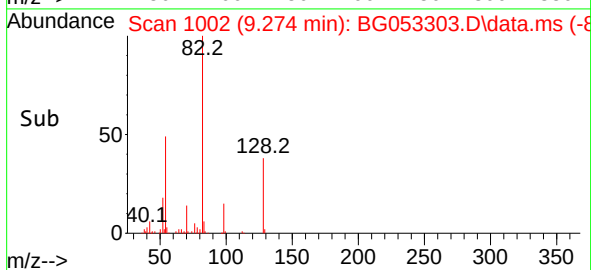
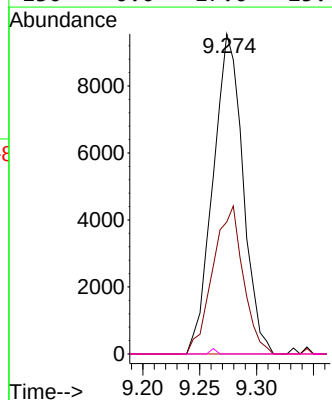
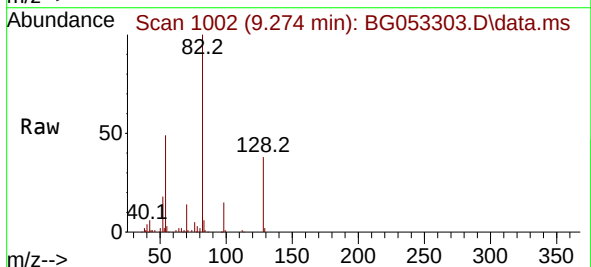
Instrument :
BNA_G
ClientSampleId :
SU-04-042122

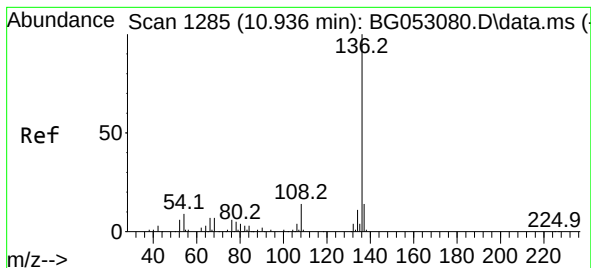
Tgt Ion: 99 Resp: 177009
Ion Ratio Lower Upper
99 100
42 19.2 14.7 22.1
71 41.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.665 ng
RT: 9.274 min Scan# 1002
Delta R.T. 0.361 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

Tgt Ion: 70 Resp: 17460
Ion Ratio Lower Upper
70 100
42 41.3 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

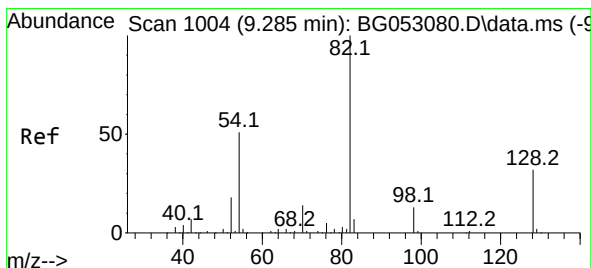
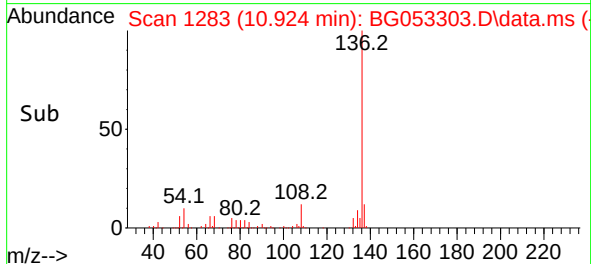
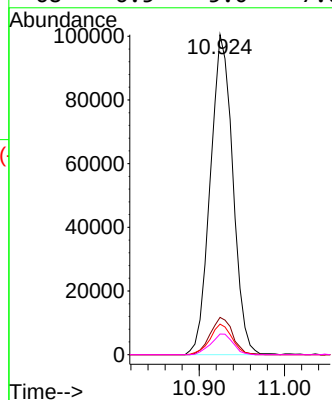
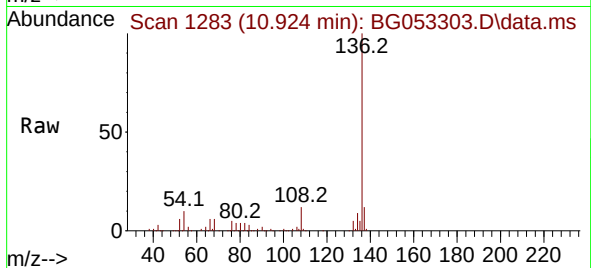




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1002
Delta R.T. 0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

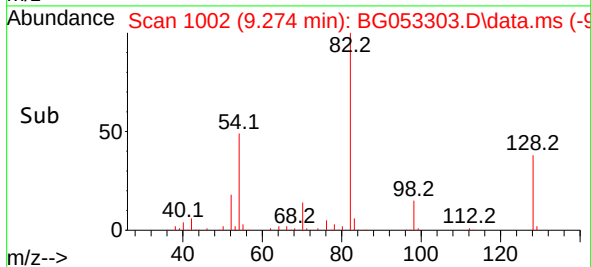
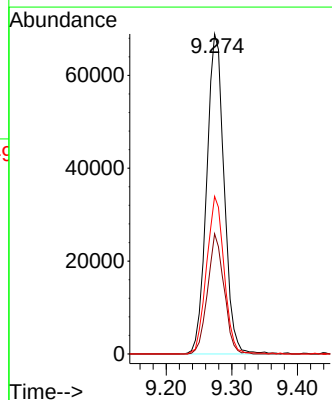
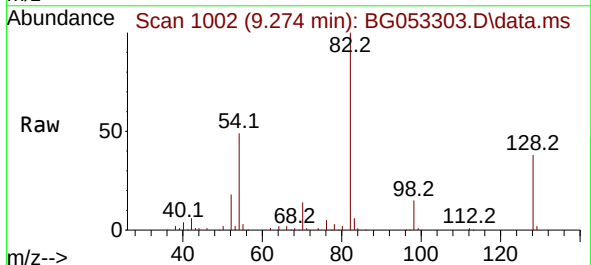
Instrument :
BNA_G
ClientSampleId :
SU-04-042122

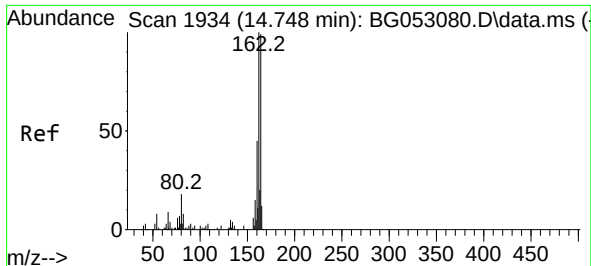
Tgt Ion:136	Resp: 184146
Ion Ratio	Lower Upper
136	100
137	11.7 9.4 14.2
54	9.5 6.4 9.6
68	6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 28.102 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

Tgt Ion: 82	Resp: 127448
Ion Ratio	Lower Upper
82	100
128	37.6 31.3 46.9
54	49.2 37.8 56.8

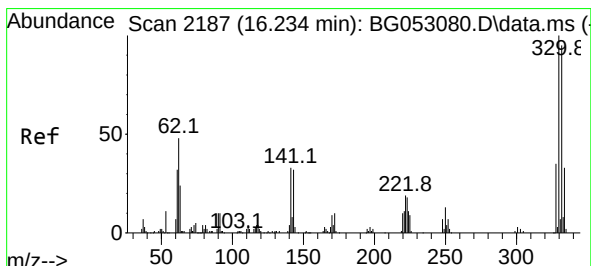
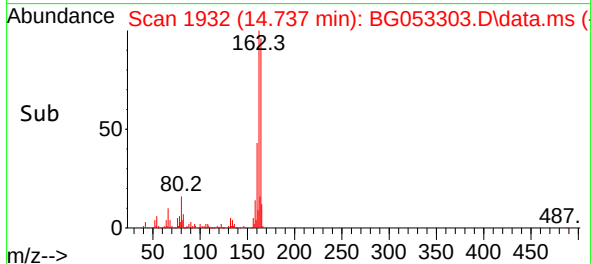
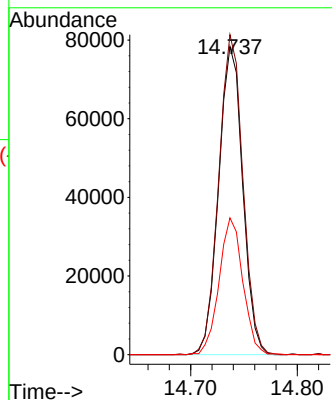
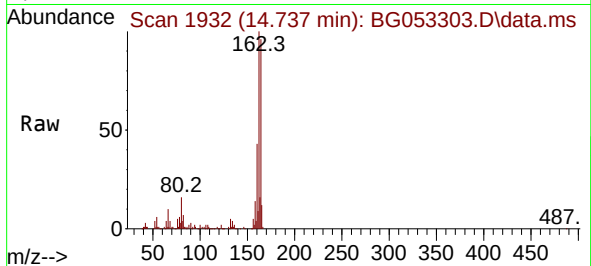




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1932
Delta R.T. 0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

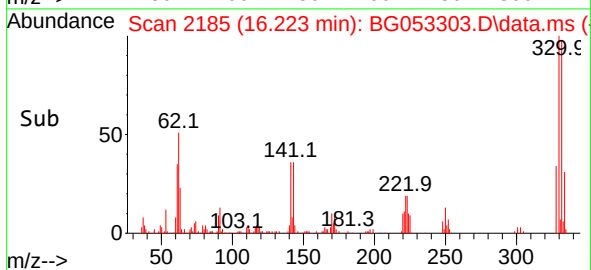
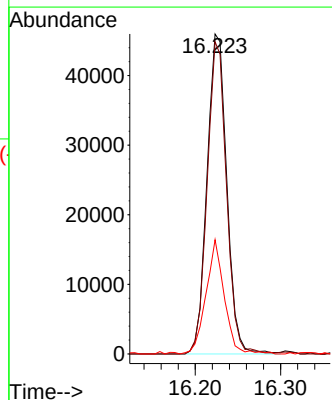
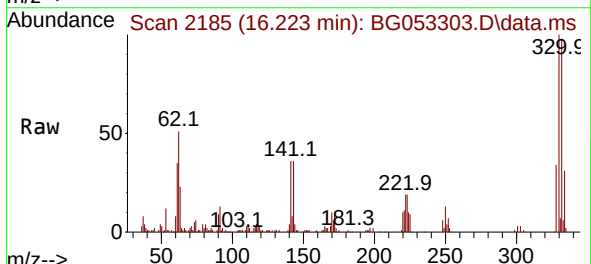
Instrument :
BNA_G
ClientSampleId :
SU-04-042122

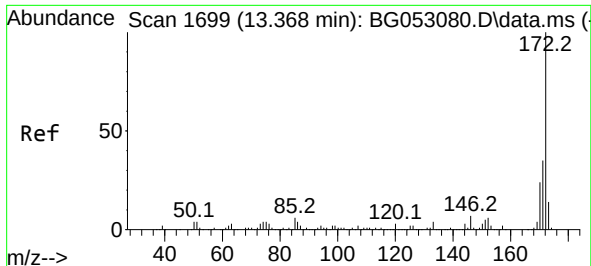
Tgt Ion:164 Resp: 122606
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 44.4 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 37.966 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

Tgt Ion:330 Resp: 74056
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 33.2 24.6 36.8

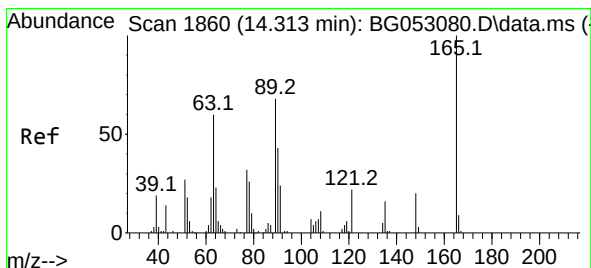
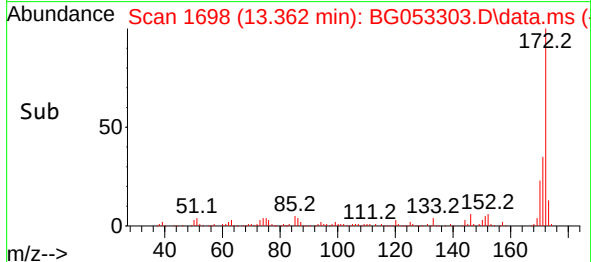
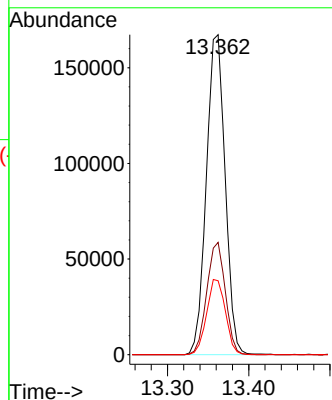
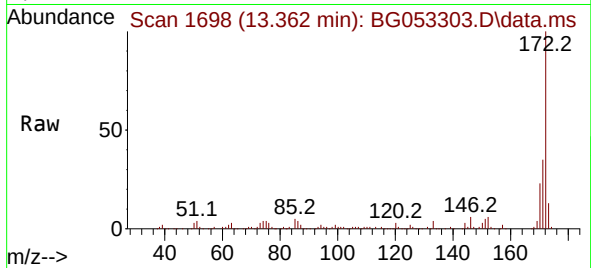




#45
2-Fluorobiphenyl
Concen: 30.197 ng
RT: 13.362 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

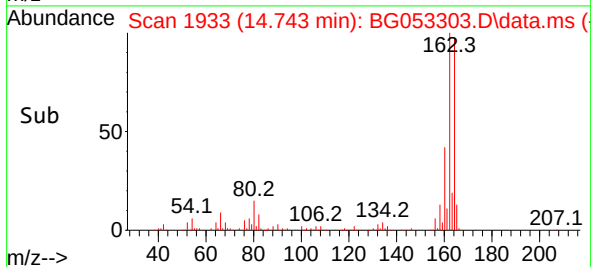
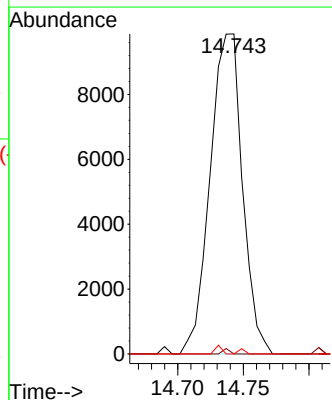
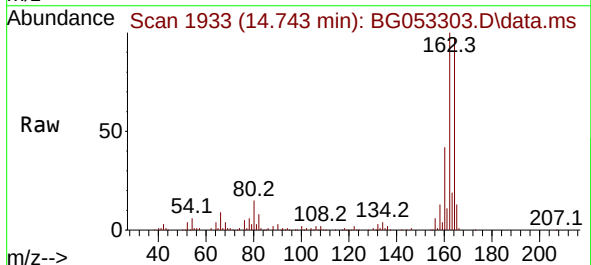
Instrument :
BNA_G
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SU-04-042122

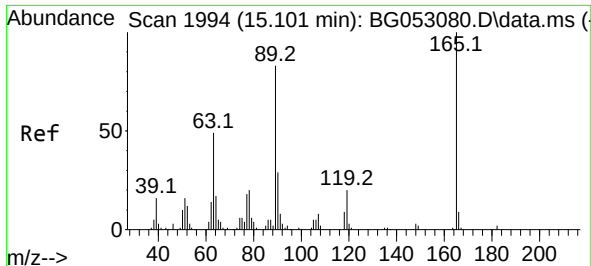
Tgt Ion:172 Resp: 268496
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.270 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.438 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

Tgt Ion:165 Resp: 16919
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

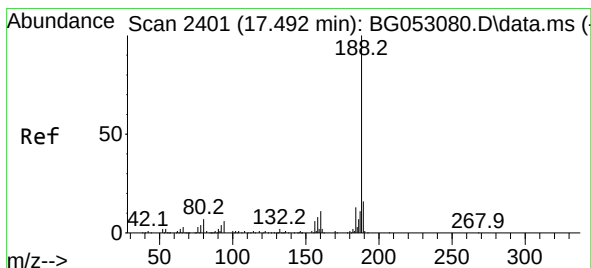
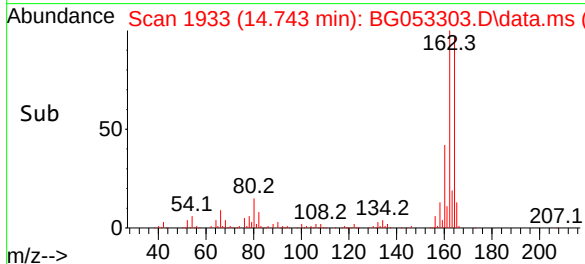
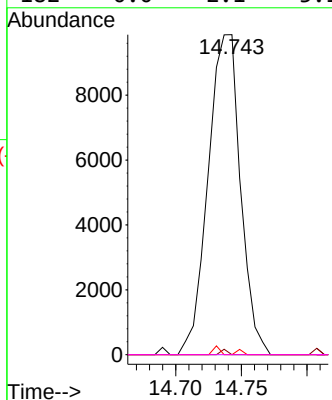
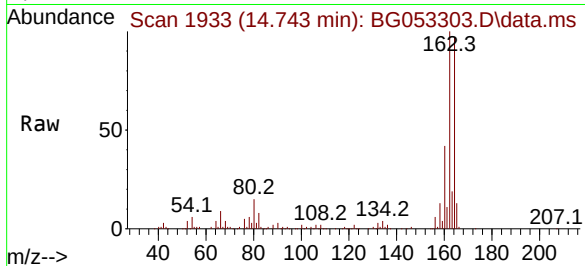




#57
2,4-Dinitrotoluene
Concen: 5.809 ng
RT: 14.743 min Scan# 1994
Delta R.T. -0.350 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

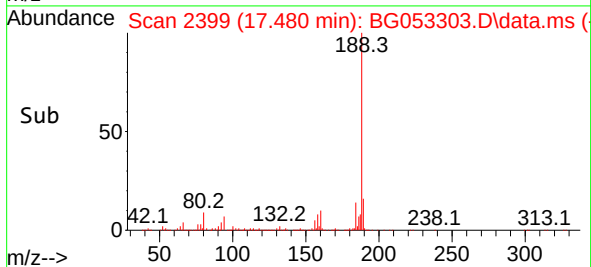
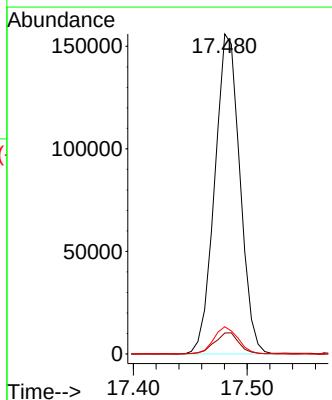
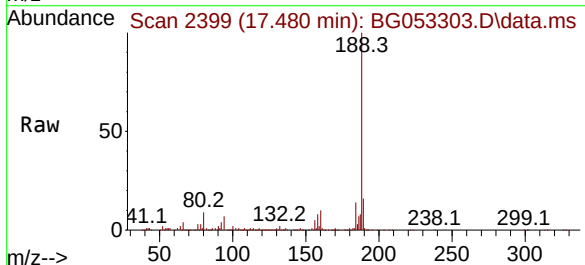
Instrument :
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SU-04-042122

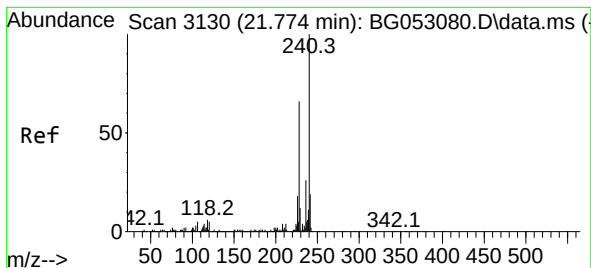
Tgt Ion:165 Resp: 16919
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG053303.D
Acq: 23 Apr 2022 21:30

Tgt Ion:188 Resp: 240109
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.5 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.769 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG053303.D

Acq: 23 Apr 2022 21:30

Instrument :

BNA_G

ClientSampleId :

SU-04-042122

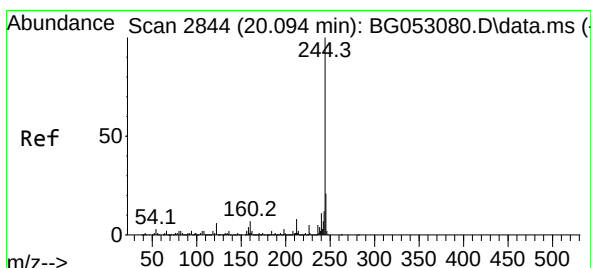
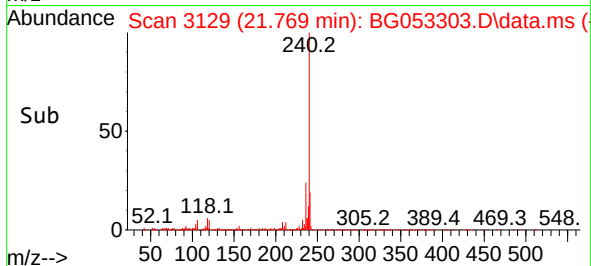
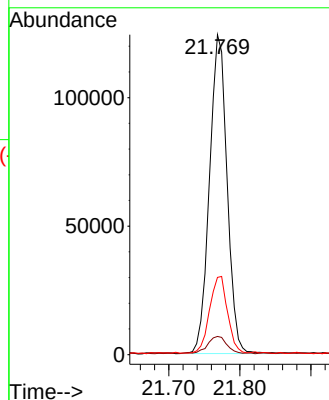
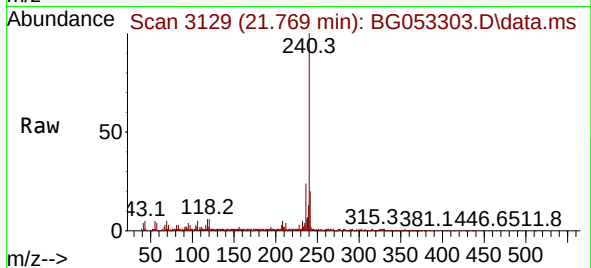
Tgt Ion:240 Resp: 213636

Ion Ratio Lower Upper

240 100

120 5.7 5.4 8.0

236 24.2 19.8 29.6



#79

Terphenyl-d14

Concen: 26.524 ng

RT: 20.083 min Scan# 2842

Delta R.T. -0.003 min

Lab File: BG053303.D

Acq: 23 Apr 2022 21:30

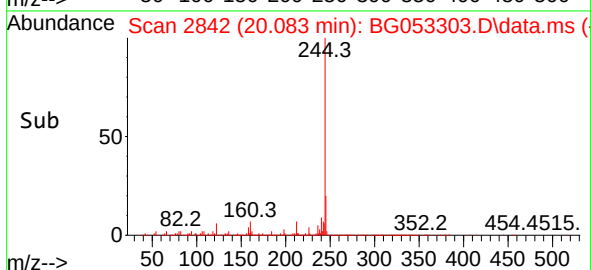
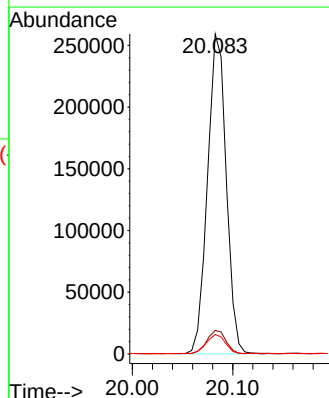
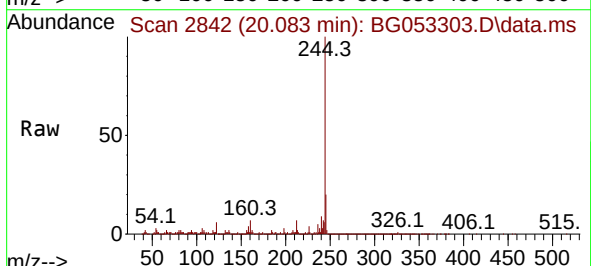
Tgt Ion:244 Resp: 335518

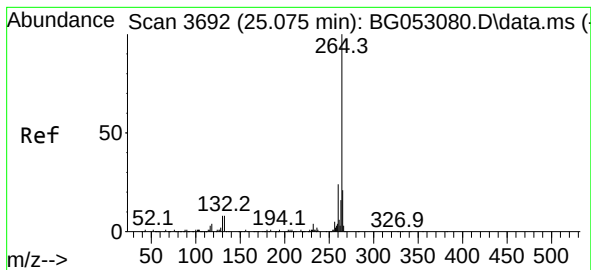
Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 6.1 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.082 min Scan# 30

Delta R.T. 0.021 min

Lab File: BG053303.D

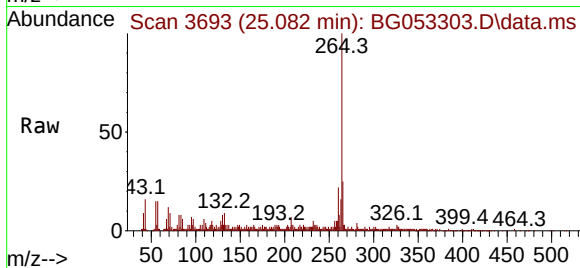
Acq: 23 Apr 2022 21:30

Instrument :

BNA_G

ClientSampleId :

SU-04-042122



Tgt Ion:264 Resp: 174394

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

265 24.9 15.1 22.7#

