

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053302.D
 Acq On : 23 Apr 2022 20:51
 Operator : CG/JU
 Sample : N2523-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-042122

Quant Time: Apr 24 02:50:41 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)

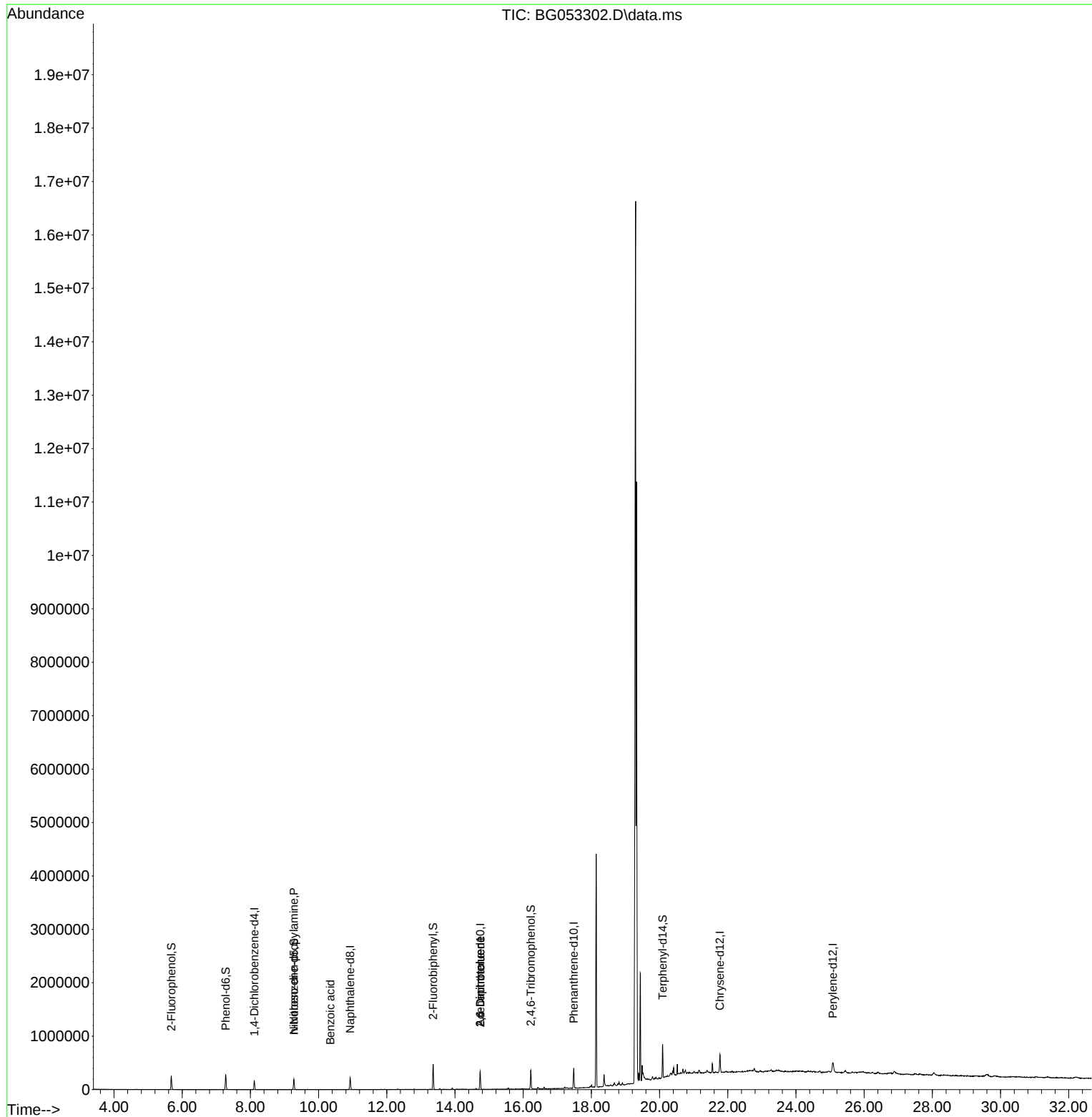
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	46408	20.000	ng	0.00
21) Naphthalene-d8	10.926	136	180716	20.000	ng	0.00
39) Acenaphthene-d10	14.738	164	122005	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	240583	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	217438	20.000	ng	0.00
86) Perylene-d12	25.083	264	200680	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	109143	40.314	ng	0.00
7) Phenol-d6	7.272	99	166476	39.875	ng	0.00
23) Nitrobenzene-d5	9.275	82	119331	26.811	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	72247	37.221	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	252277	28.512	ng	0.00
79) Terphenyl-d14	20.090	244	318008	24.701	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	17141	5.608	ng	# 76
32) Benzoic acid	10.344	122	54	3.659	ng	# 1
51) 2,6-Dinitrotoluene	14.738	165	16206	7.961	ng	# 26
57) 2,4-Dinitrotoluene	14.738	165	16206	5.591	ng	# 25

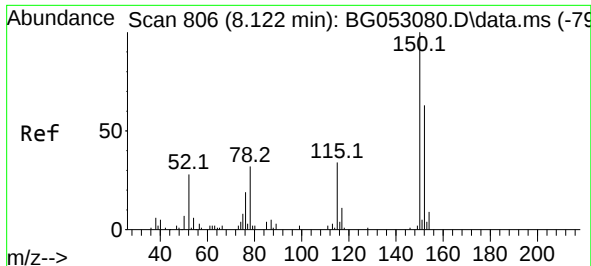
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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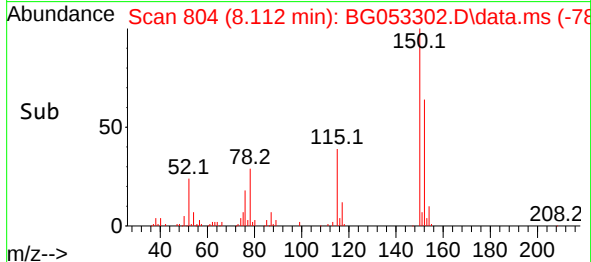
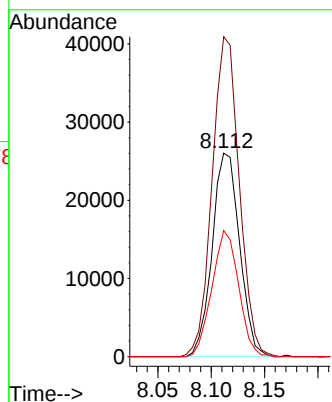
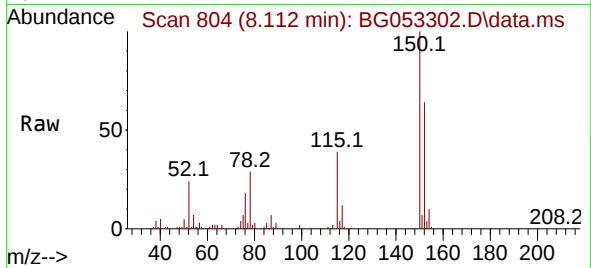




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.112 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

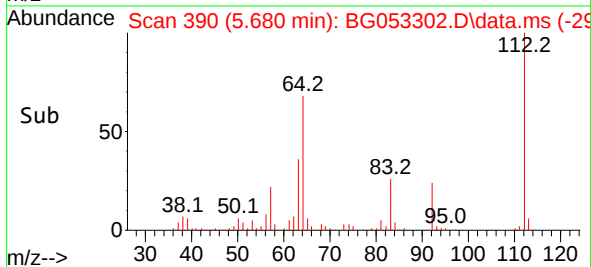
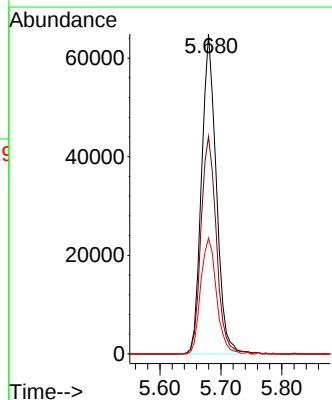
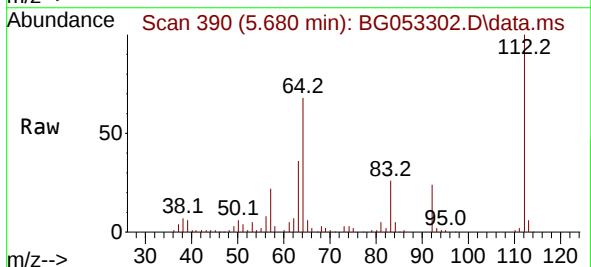
Instrument :
BNA_G
ClientSampleId :
SU-01-042122

Tgt Ion:152 Resp: 46408
Ion Ratio Lower Upper
152 100
150 157.2 114.6 172.0
115 62.0 45.9 68.9



#5
2-Fluorophenol
Concen: 40.314 ng
RT: 5.680 min Scan# 390
Delta R.T. 0.004 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

Tgt Ion:112 Resp: 109143
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 36.2 26.5 39.7

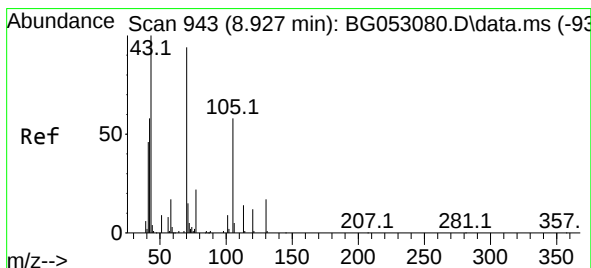
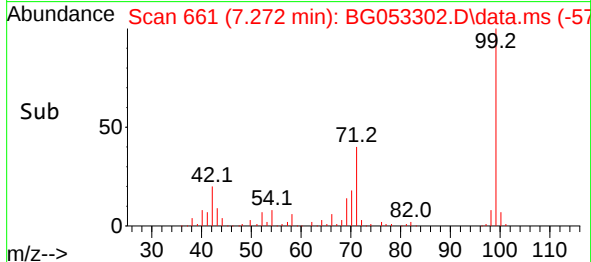
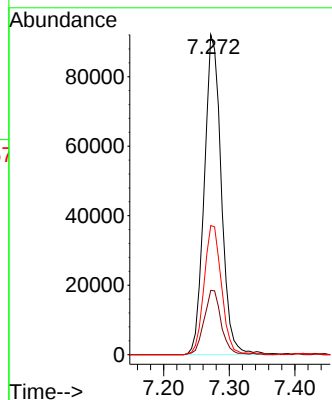
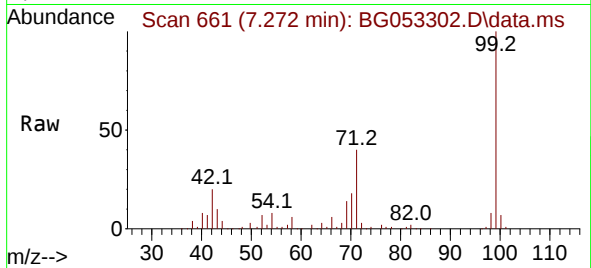




#7
Phenol-d6
Concen: 39.875 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

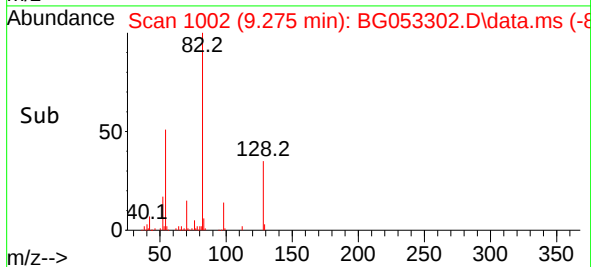
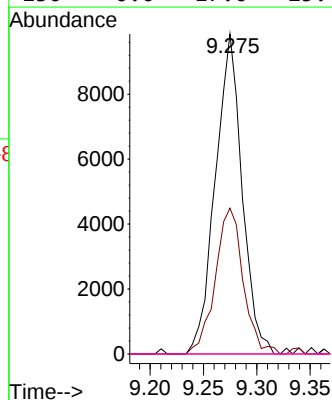
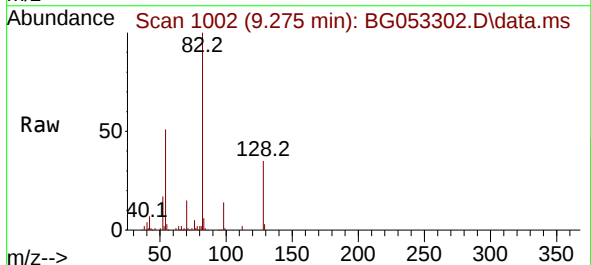
Instrument :
BNA_G
ClientSampleId :
SU-01-042122

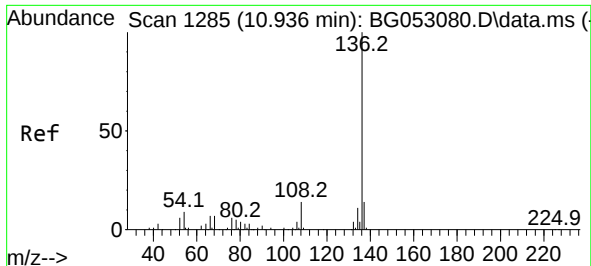
Tgt Ion: 99 Resp: 166476
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 40.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.608 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.362 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

Tgt Ion: 70 Resp: 17141
Ion Ratio Lower Upper
70 100
42 45.6 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#



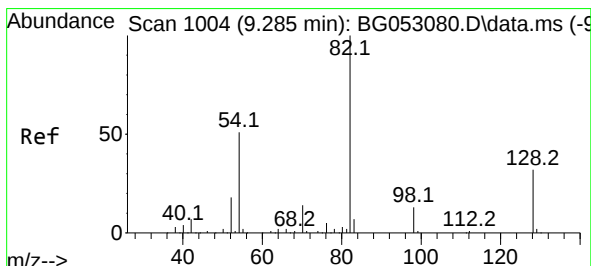
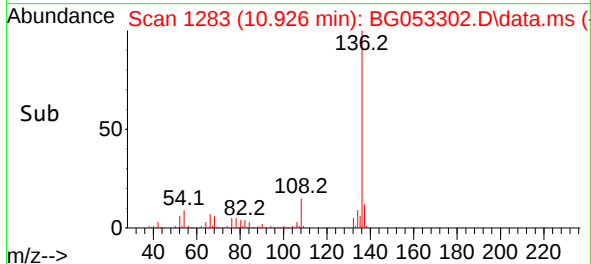
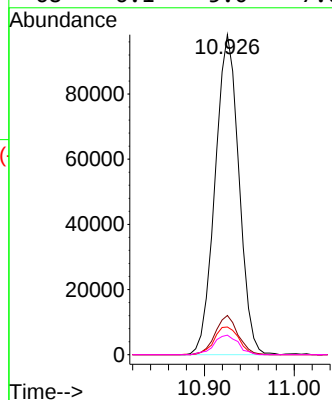
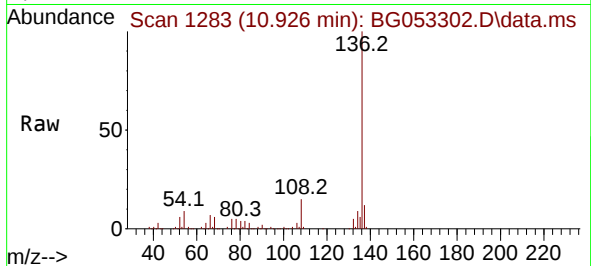


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.926 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

Instrument :
BNA_G
ClientSampleId :
SU-01-042122

Tgt Ion:136 Resp: 180716

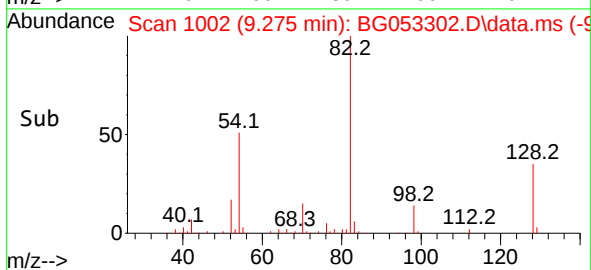
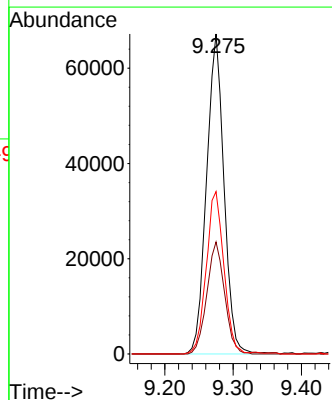
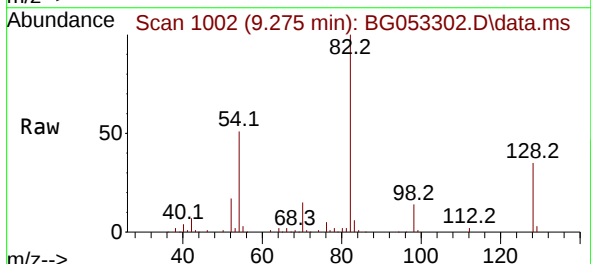
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.2
54	8.6	6.4	9.6
68	6.1	5.0	7.6

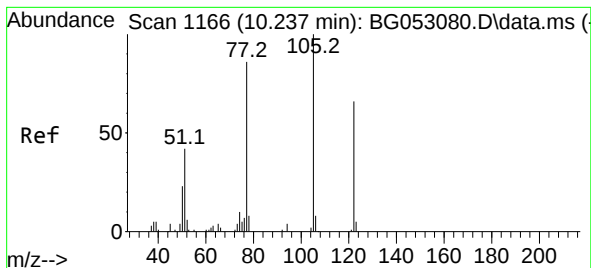


#23
Nitrobenzene-d5
Concen: 26.811 ng
RT: 9.275 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

Tgt Ion: 82 Resp: 119331

Ion	Ratio	Lower	Upper
82	100		
128	35.0	31.3	46.9
54	50.8	37.8	56.8





#32

Benzoic acid

Concen: 3.659 ng

RT: 10.344 min Scan# 1166

Delta R.T. 0.110 min

Lab File: BG053302.D

Acq: 23 Apr 2022 20:51

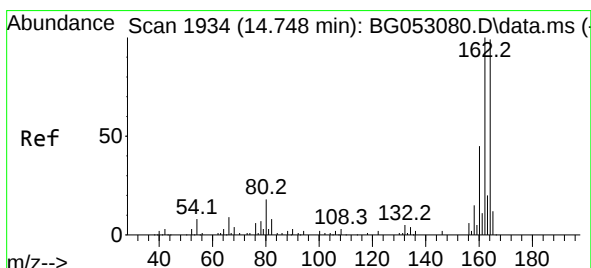
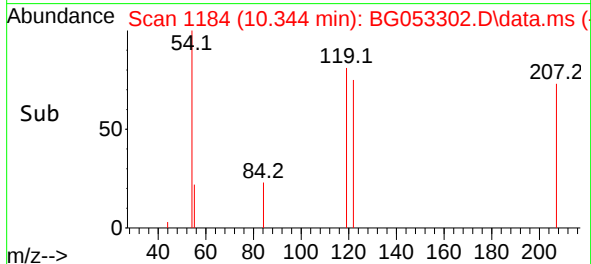
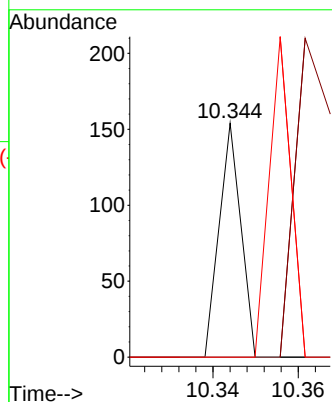
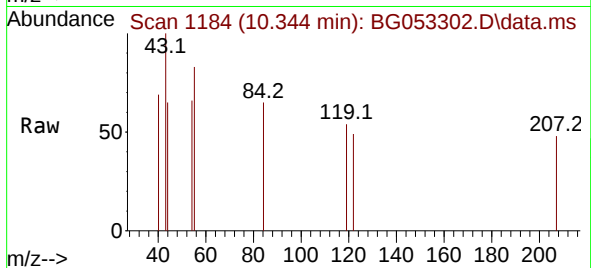
Instrument :

BNA_G

ClientSampleId :

SU-01-042122

Tgt Ion:122	Resp:	54
Ion Ratio	Lower	Upper
122	100	
105	0.0	112.8 152.8#
77	0.0	78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

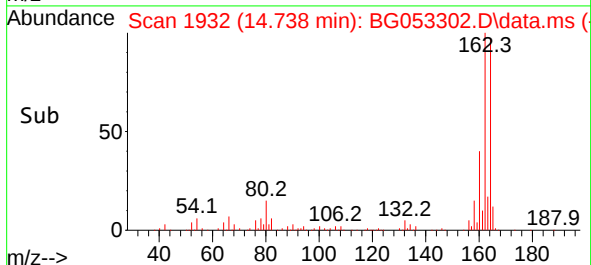
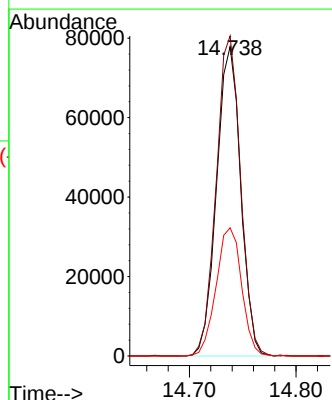
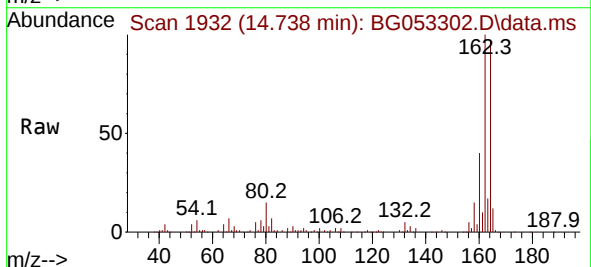
RT: 14.738 min Scan# 1932

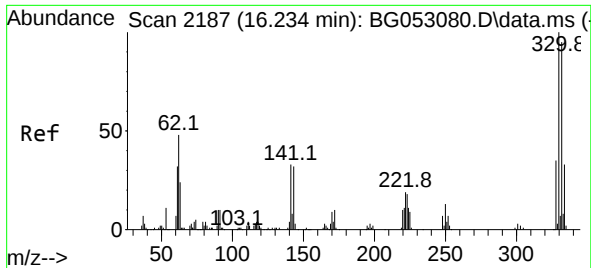
Delta R.T. 0.004 min

Lab File: BG053302.D

Acq: 23 Apr 2022 20:51

Tgt Ion:164	Resp:	122005
Ion Ratio	Lower	Upper
164	100	
162	103.4	80.0 120.0
160	41.4	38.8 58.2

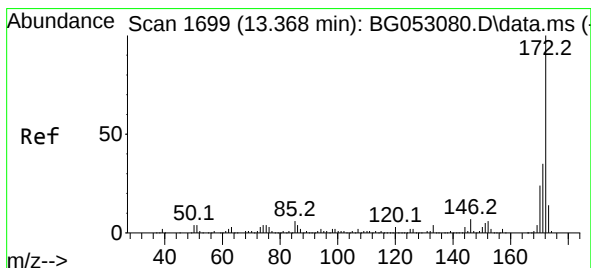
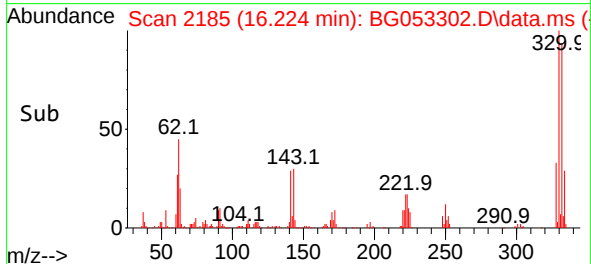
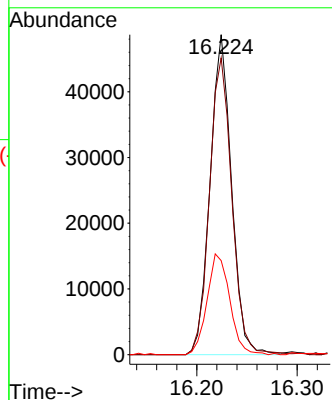
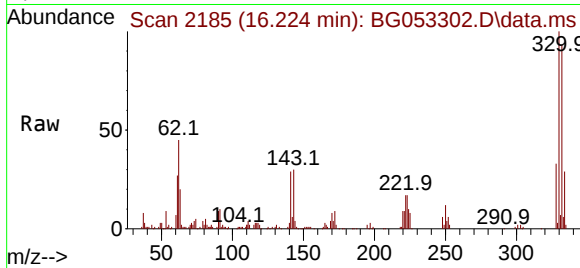




#42
2,4,6-Tribromophenol
Concen: 37.221 ng
RT: 16.224 min Scan# 2187
Delta R.T. -0.002 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

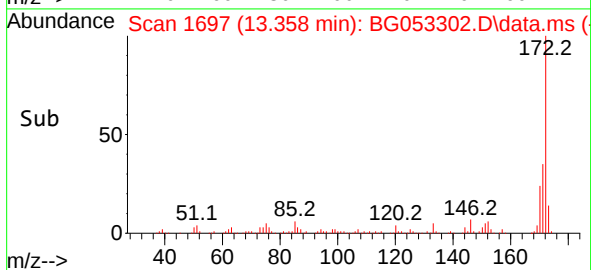
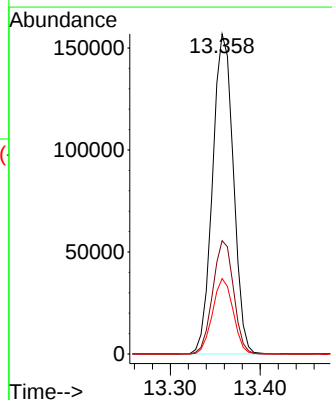
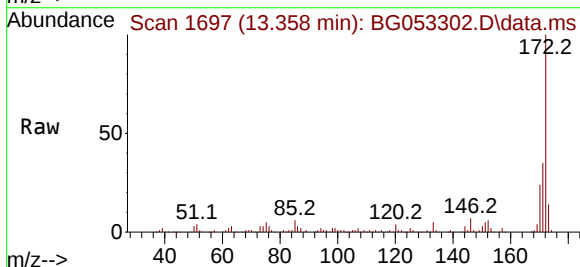
Instrument :
BNA_G
ClientSampleId :
SU-01-042122

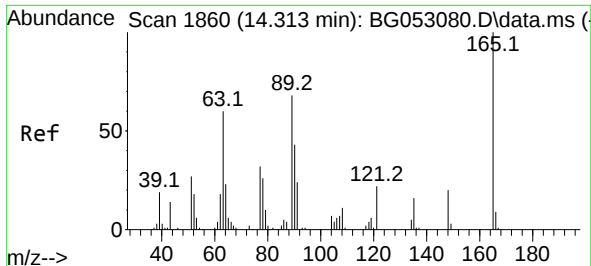
Tgt Ion:330 Resp: 72247
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 33.5 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 28.512 ng
RT: 13.358 min Scan# 1697
Delta R.T. -0.002 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

Tgt Ion:172 Resp: 252277
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 18.0 27.0

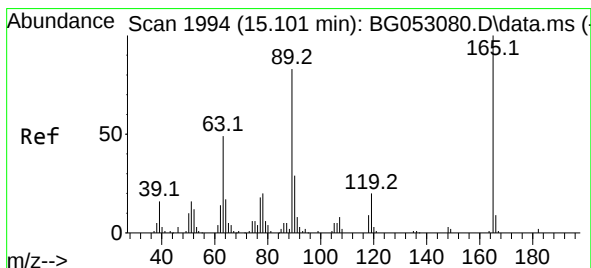
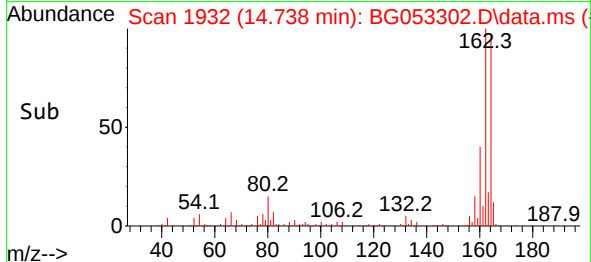
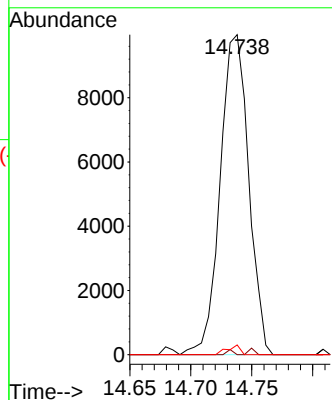
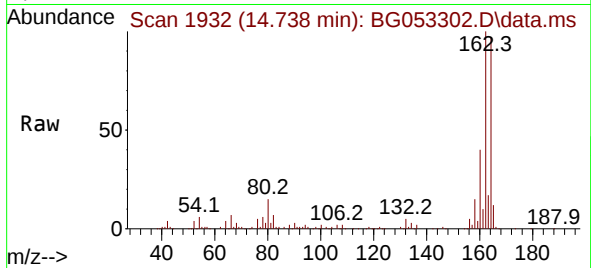




#51
2,6-Dinitrotoluene
Concen: 7.961 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.433 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

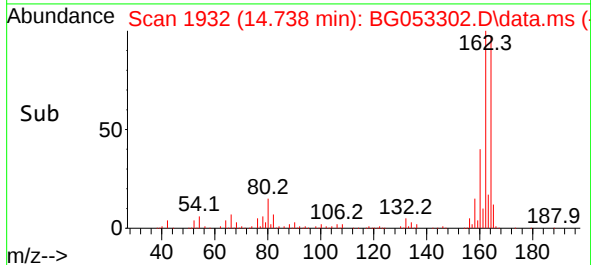
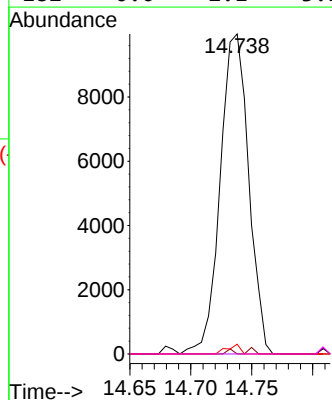
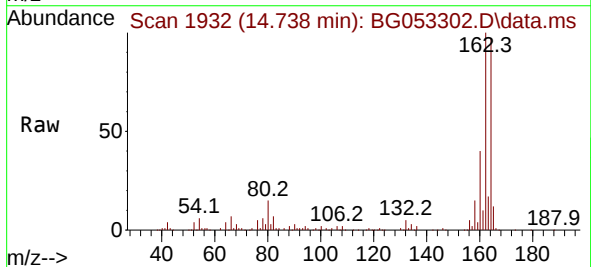
Instrument :
BNA_G
ClientSampleId :
SU-01-042122

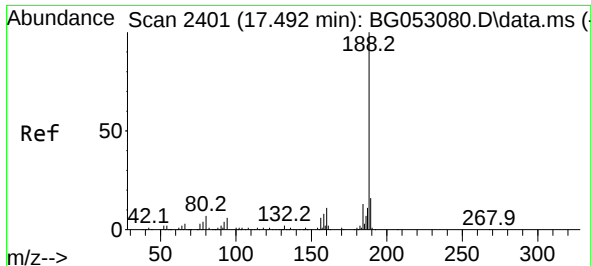
Tgt Ion:165 Resp: 16206
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.1 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.591 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.354 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

Tgt Ion:165 Resp: 16206
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.1 57.4 86.0#
182 0.0 2.1 3.1#

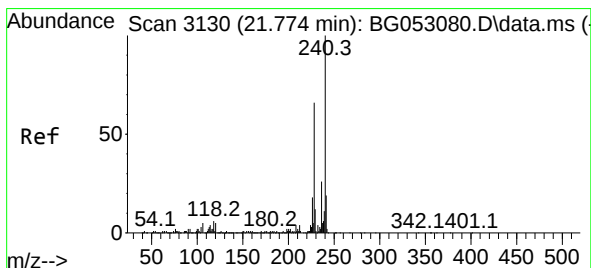
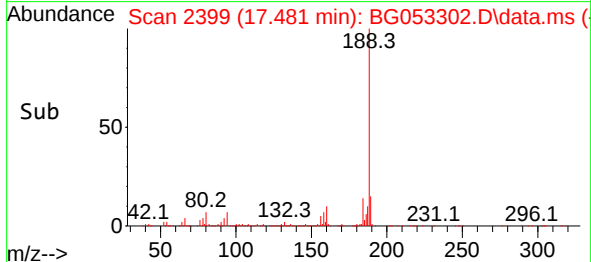
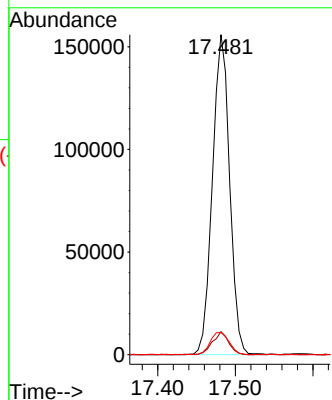
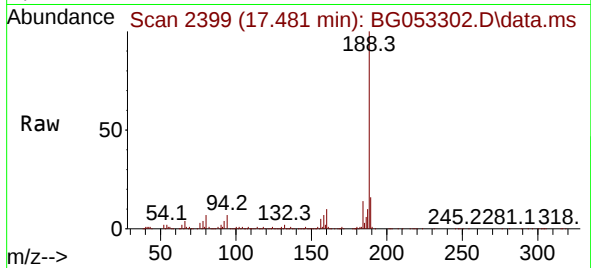




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

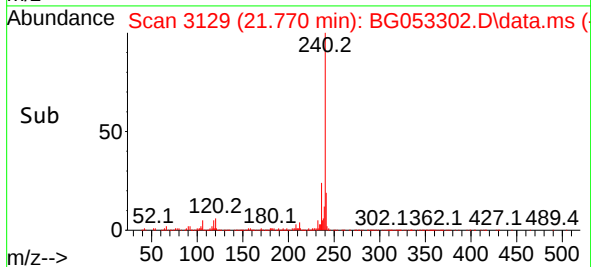
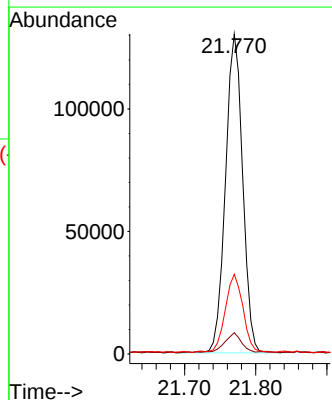
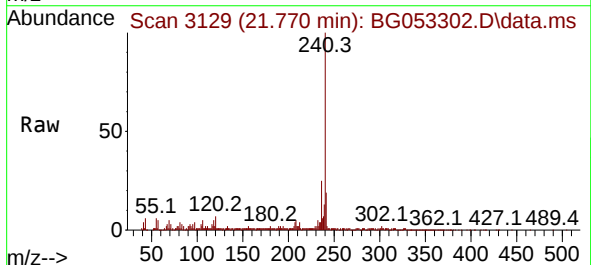
Instrument :
BNA_G
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SU-01-042122

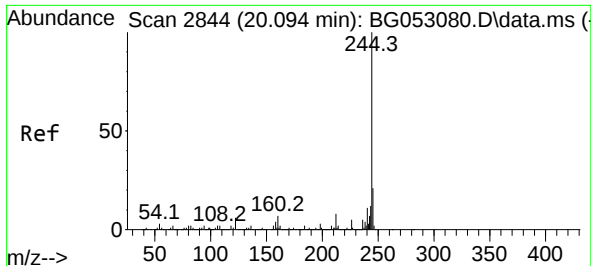
Tgt Ion:188 Resp: 240583
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.0 7.2 10.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3129
Delta R.T. 0.004 min
Lab File: BG053302.D
Acq: 23 Apr 2022 20:51

Tgt Ion:240 Resp: 217438
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 24.9 19.8 29.6

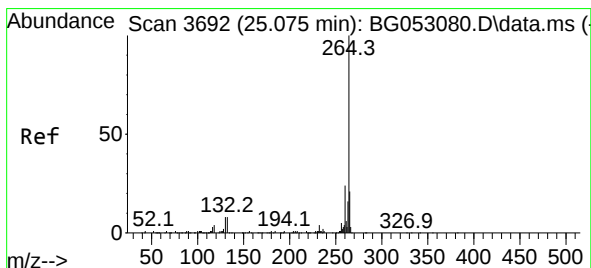
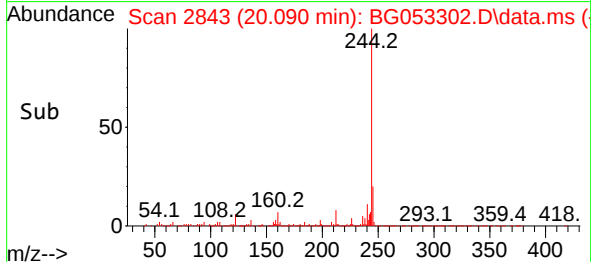
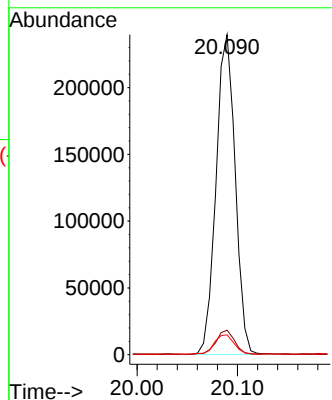
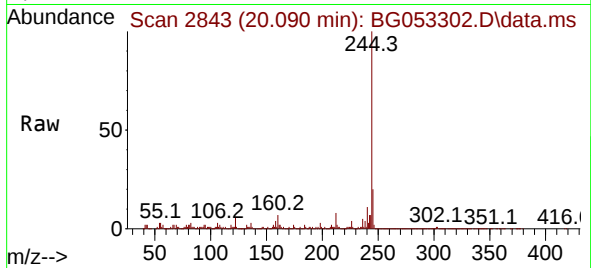




#79
 Terphenyl-d14
 Concen: 24.701 ng
 RT: 20.090 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG053302.D
 Acq: 23 Apr 2022 20:51

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-042122

Tgt Ion:244 Resp: 318008
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.083 min Scan# 3693
 Delta R.T. 0.022 min
 Lab File: BG053302.D
 Acq: 23 Apr 2022 20:51

Tgt Ion:264 Resp: 200680
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 20.6 15.1 22.7

