

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053279.D
 Acq On : 23 Apr 2022 2:43
 Operator : CG/JU
 Sample : N2526-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5S

Quant Time: Apr 24 01:17:36 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)

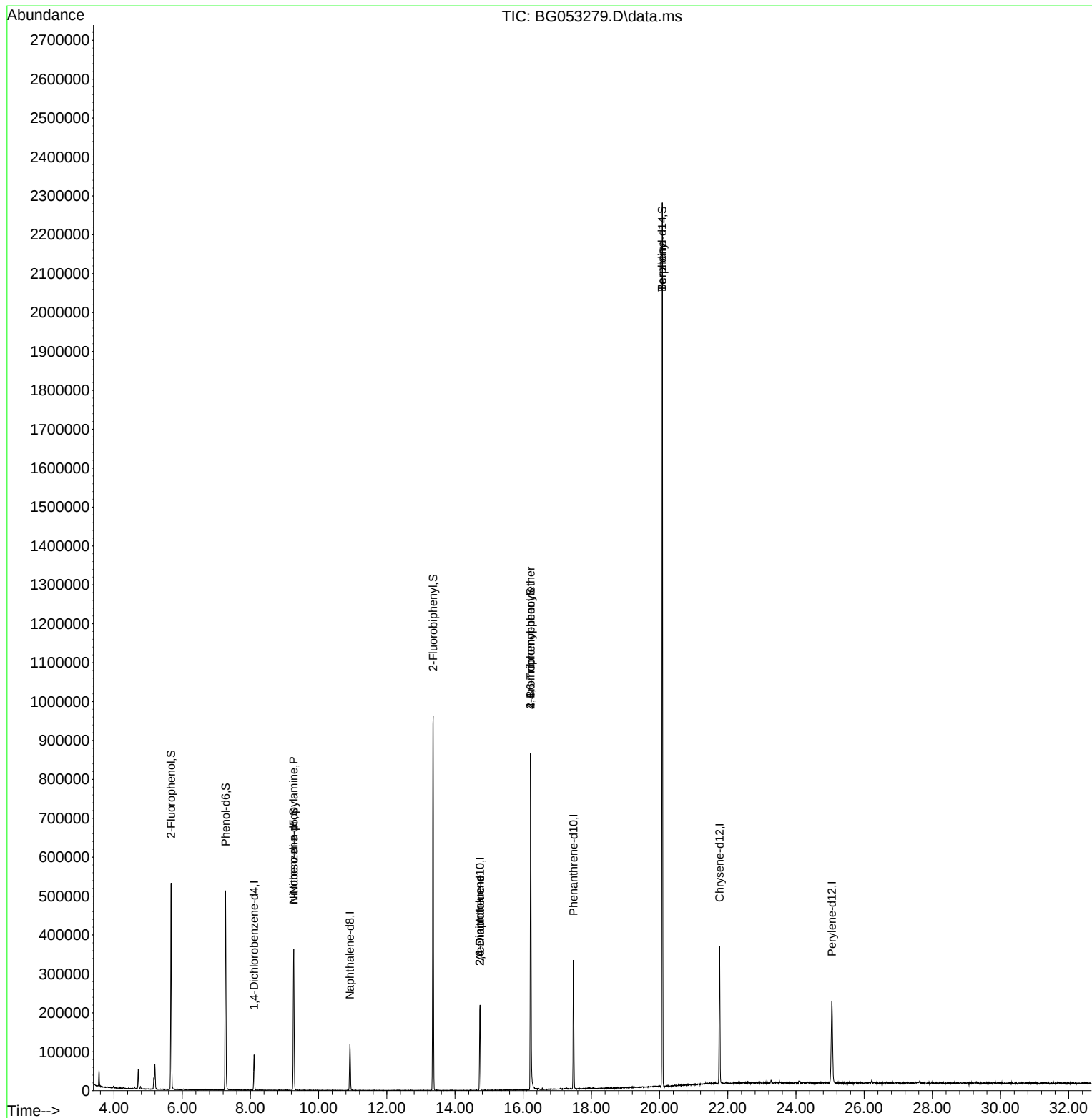
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	24585	20.000	ng	0.00
21) Naphthalene-d8	10.920	136	103557	20.000	ng	0.00
39) Acenaphthene-d10	14.732	164	81077	20.000	ng	0.00
64) Phenanthrene-d10	17.476	188	212204	20.000	ng	0.00
76) Chrysene-d12	21.758	240	229693	20.000	ng	0.00
86) Perylene-d12	25.054	264	238963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	214463	149.534	ng	0.00
7) Phenol-d6	7.272	99	297259	134.403	ng	0.00
23) Nitrobenzene-d5	9.269	82	230892	90.530	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	185720	143.980	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	524811	89.256	ng	0.00
79) Terphenyl-d14	20.078	244	1173894	86.315	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.269	70	32575	20.118	ng	Qvalue
51) 2,6-Dinitrotoluene	14.727	165	10315	7.625	ng	# 77
57) 2,4-Dinitrotoluene	14.727	165	10315	5.356	ng	# 24
67) 4-Bromophenyl-phenylether	16.219	248	12476	4.588	ng	# 22
77) Benzidine	20.078	184	21027	3.209	ng	# 1

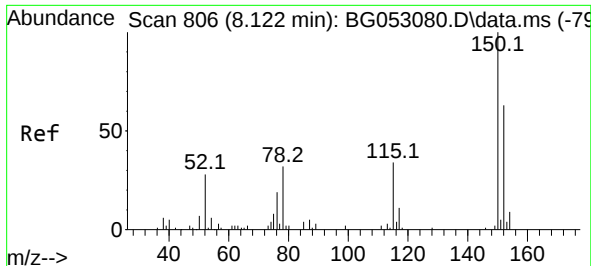
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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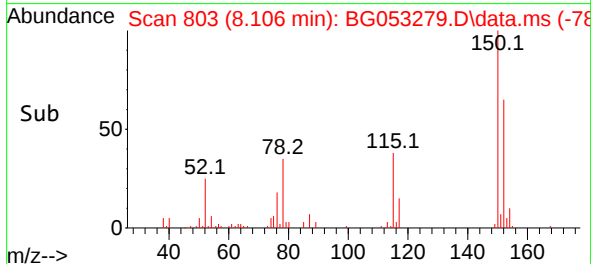
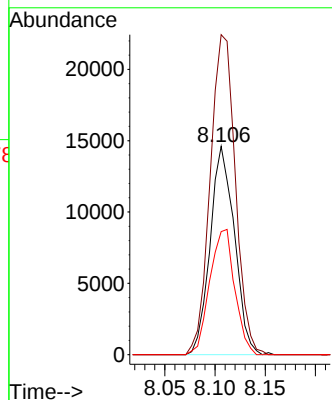
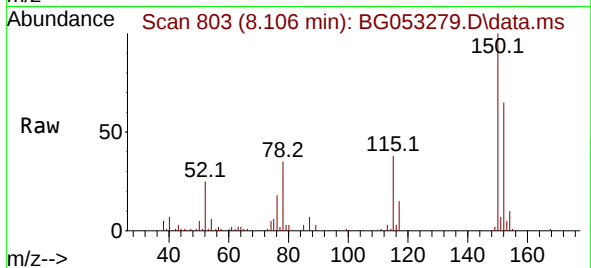




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.106 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BG053279.D
 Acq: 23 Apr 2022 2:43

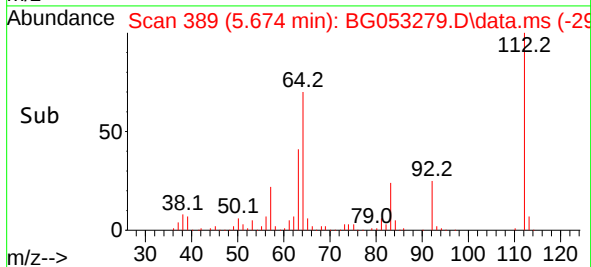
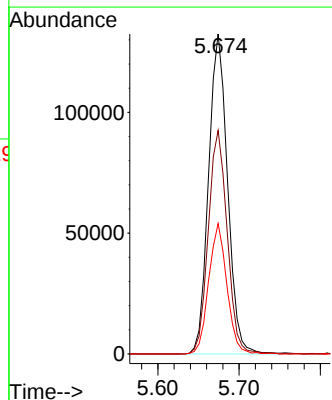
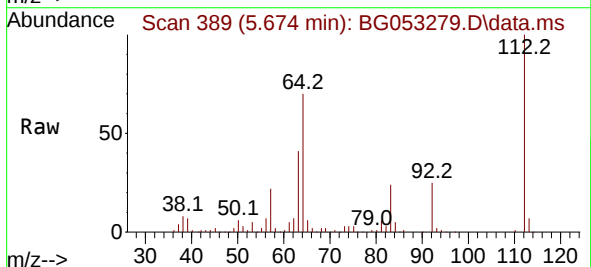
Instrument :
 BNA_G
 ClientSampleId :
 MH-5S

Tgt Ion:152 Resp: 24585
 Ion Ratio Lower Upper
 152 100
 150 153.6 114.6 172.0
 115 59.1 45.9 68.9



#5
 2-Fluorophenol
 Concen: 149.534 ng
 RT: 5.674 min Scan# 389
 Delta R.T. -0.001 min
 Lab File: BG053279.D
 Acq: 23 Apr 2022 2:43

Tgt Ion:112 Resp: 214463
 Ion Ratio Lower Upper
 112 100
 64 69.8 48.0 72.0
 63 40.7 26.5 39.7#

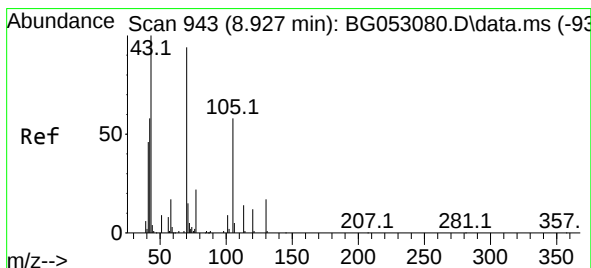
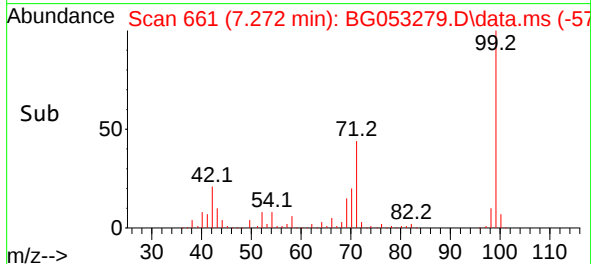
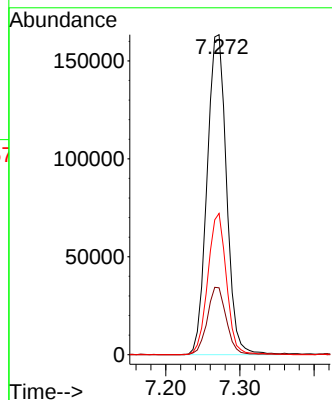
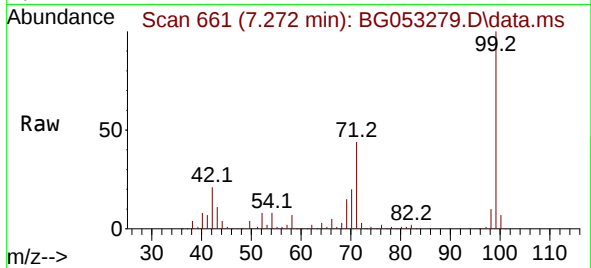




#7
Phenol-d6
Concen: 134.403 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

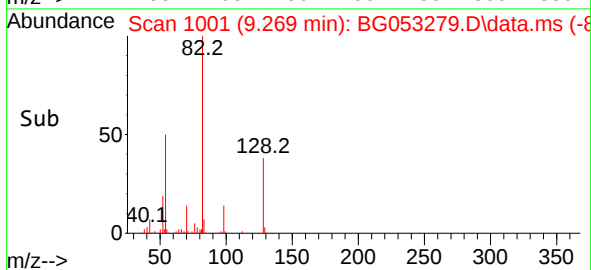
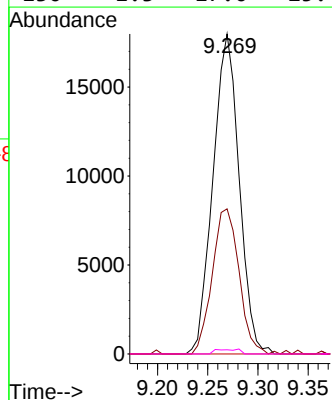
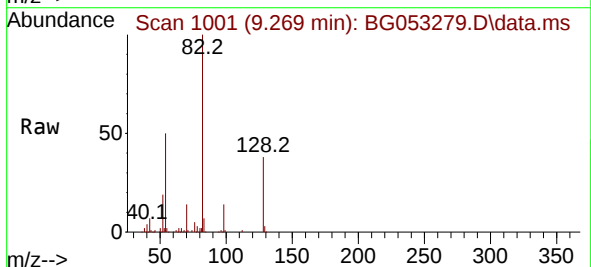
Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion: 99 Resp: 297259
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 44.1 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.118 ng
RT: 9.269 min Scan# 1001
Delta R.T. 0.357 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

Tgt Ion: 70 Resp: 32575
Ion Ratio Lower Upper
70 100
42 45.4 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

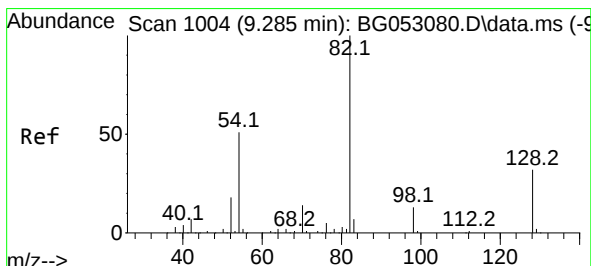
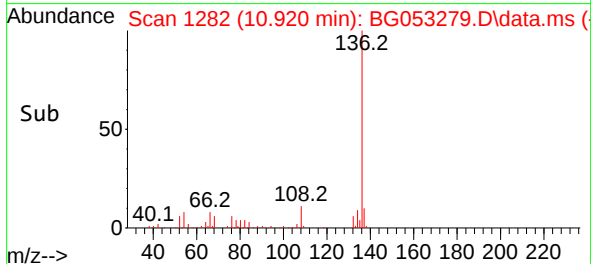
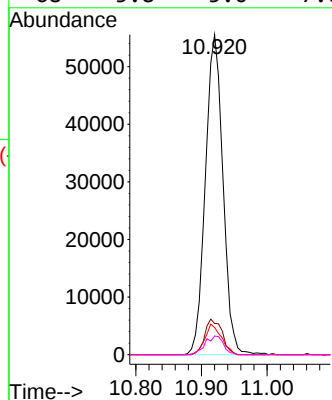
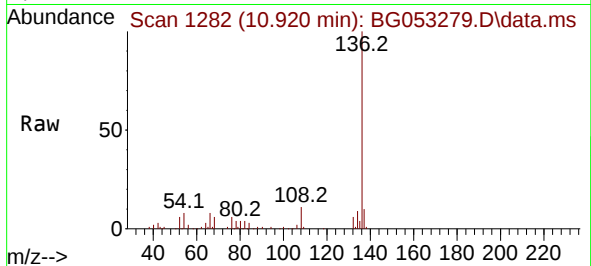




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.920 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

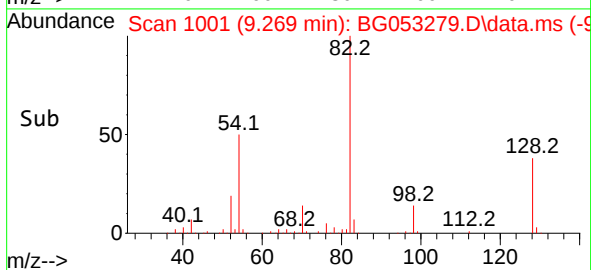
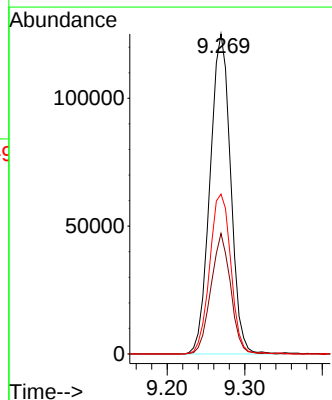
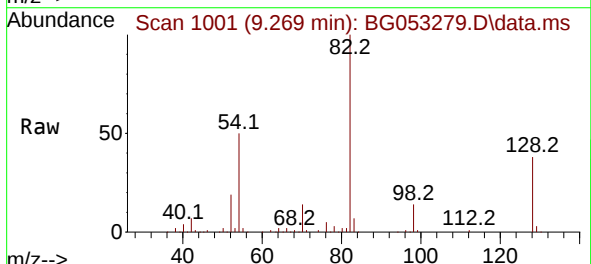
Instrument :
BNA_G
ClientSampleId :
MH-5S

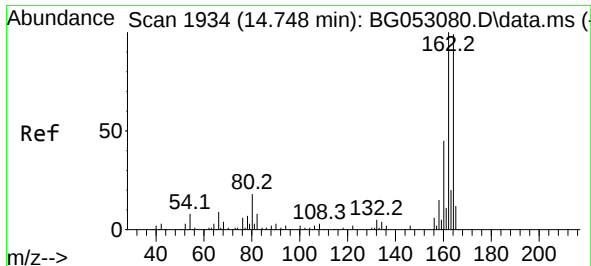
Tgt Ion:136 Resp: 103557
Ion Ratio Lower Upper
136 100
137 9.7 9.4 14.2
54 8.5 6.4 9.6
68 5.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.530 ng
RT: 9.269 min Scan# 1001
Delta R.T. -0.007 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

Tgt Ion: 82 Resp: 230892
Ion Ratio Lower Upper
82 100
128 37.6 31.3 46.9
54 49.9 37.8 56.8

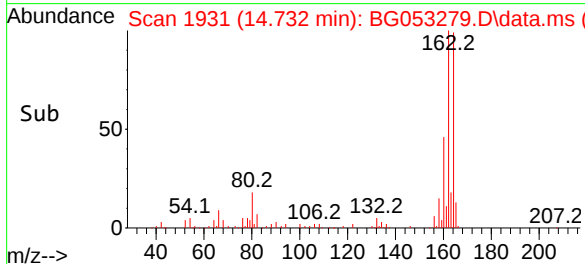
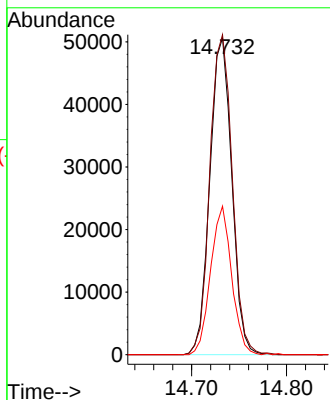
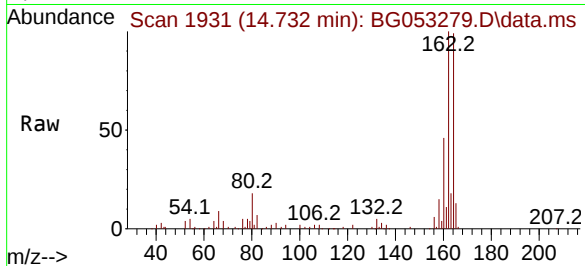




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1931
Delta R.T. -0.001 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

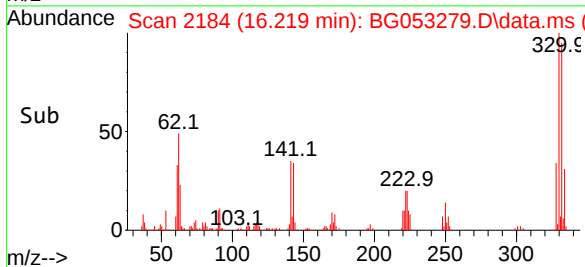
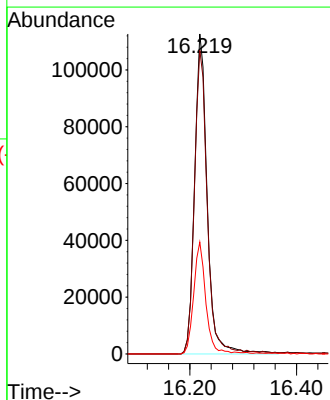
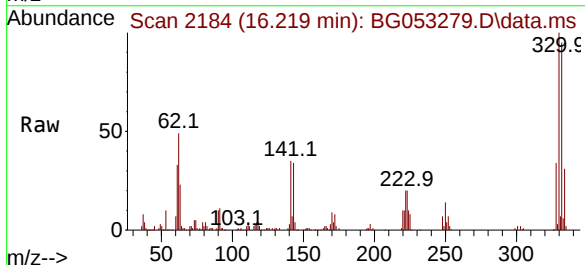
Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:164 Resp: 81077
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 46.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 143.980 ng
RT: 16.219 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

Tgt Ion:330 Resp: 185720
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 33.8 24.6 36.8

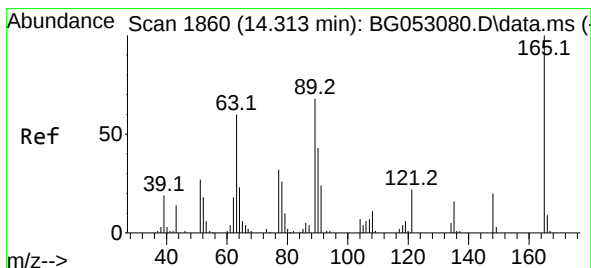
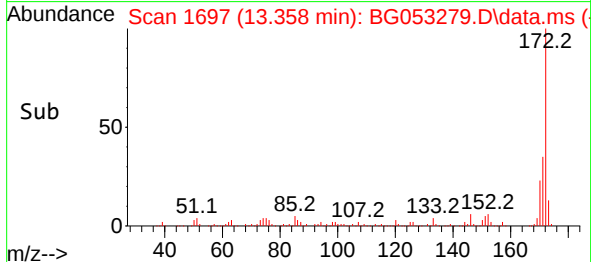
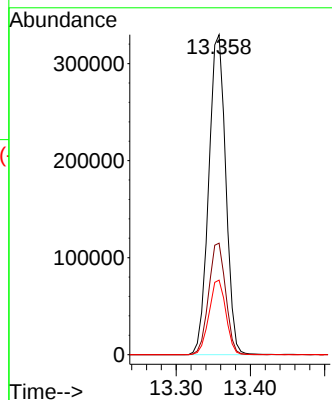
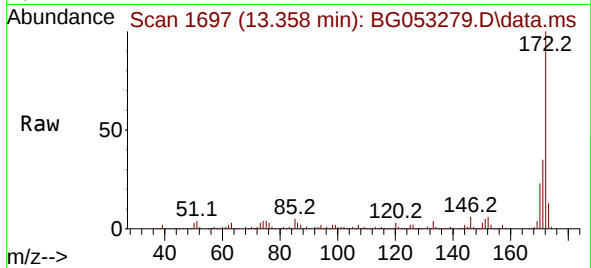




#45
2-Fluorobiphenyl
Concen: 89.256 ng
RT: 13.358 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

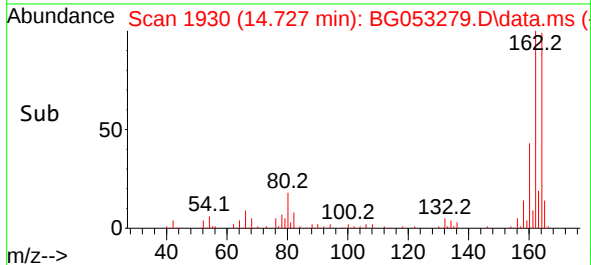
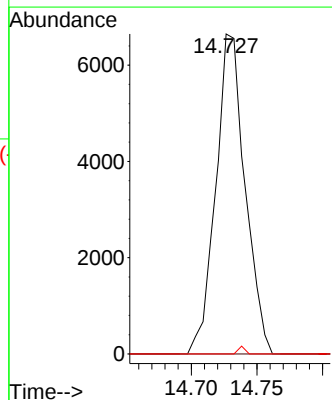
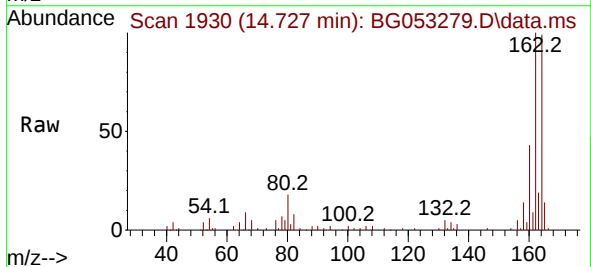
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BNA_G
ClientSampleId :
MH-5S

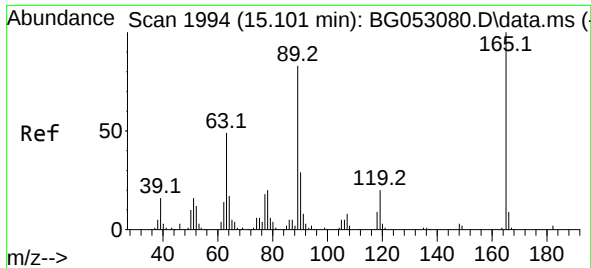
Tgt Ion:172 Resp: 524811
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.625 ng
RT: 14.727 min Scan# 1930
Delta R.T. 0.421 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

Tgt Ion:165 Resp: 10315
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

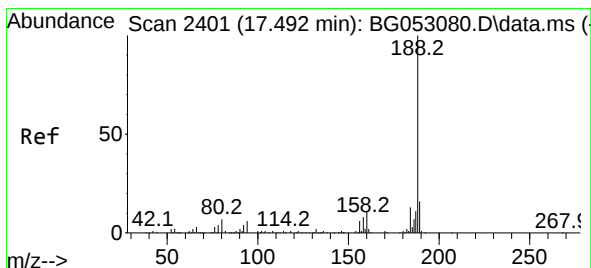
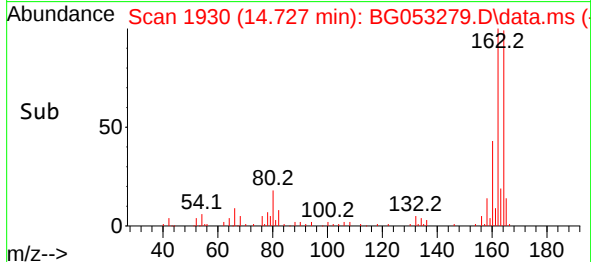
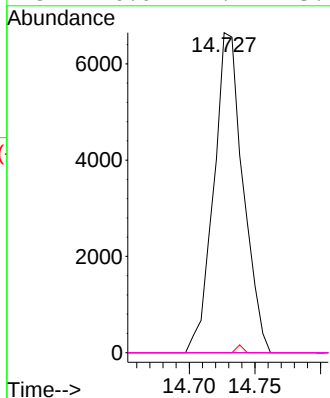
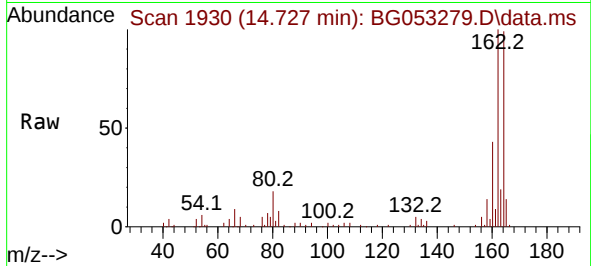




#57
2,4-Dinitrotoluene
Concen: 5.356 ng
RT: 14.727 min Scan# 1930
Delta R.T. -0.366 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

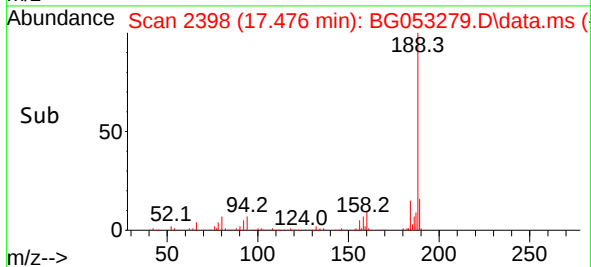
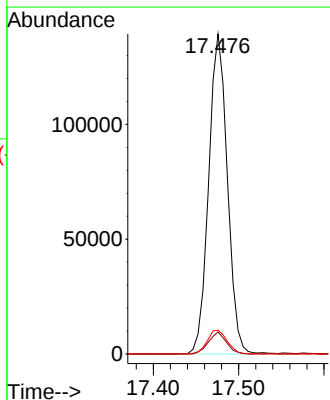
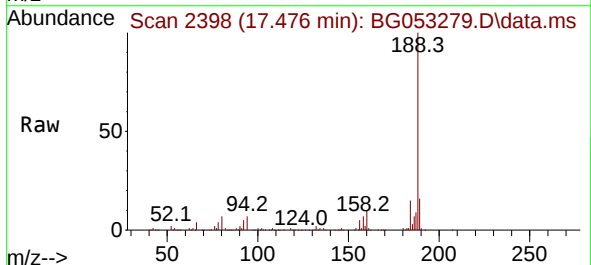
Instrument :
BNA_G
ClientSampleId :
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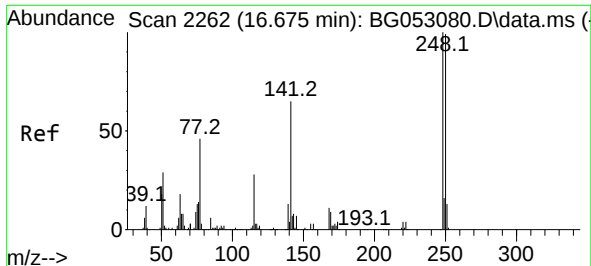
Tgt Ion:165 Resp: 10315
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.476 min Scan# 2398
Delta R.T. -0.007 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

Tgt Ion:188 Resp: 212204
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.5 7.2 10.8

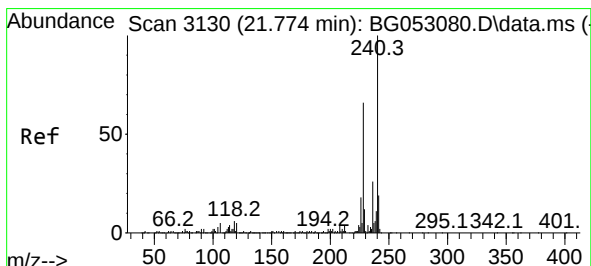
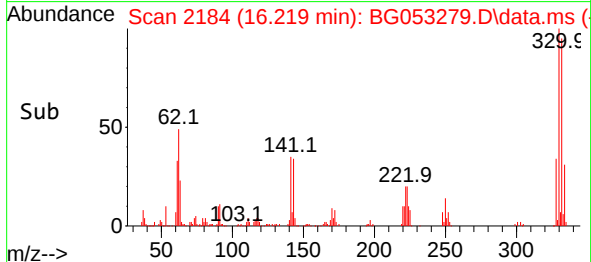
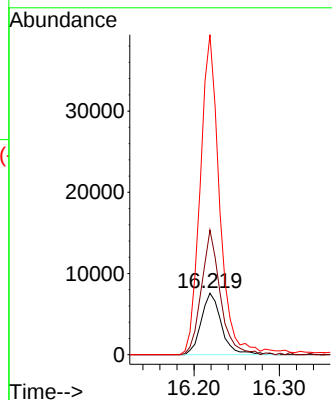
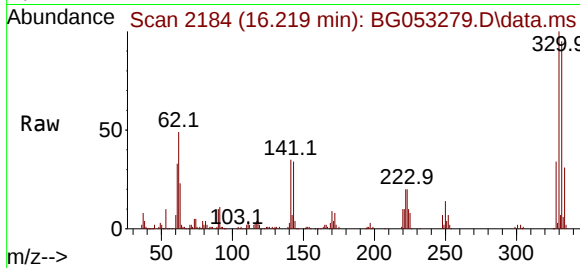




#67
4-Bromophenyl-phenylether
Concen: 4.588 ng
RT: 16.219 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

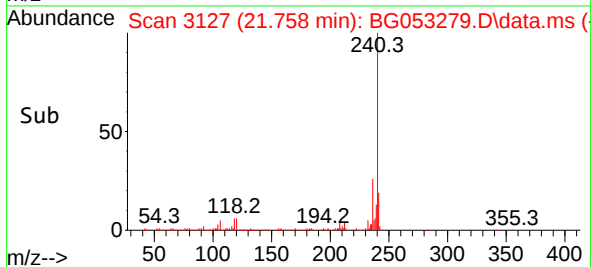
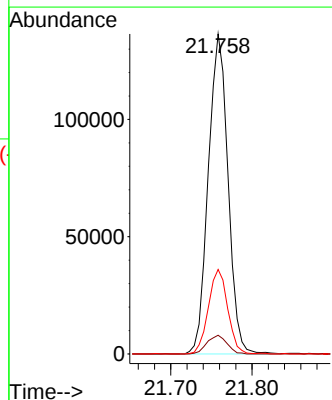
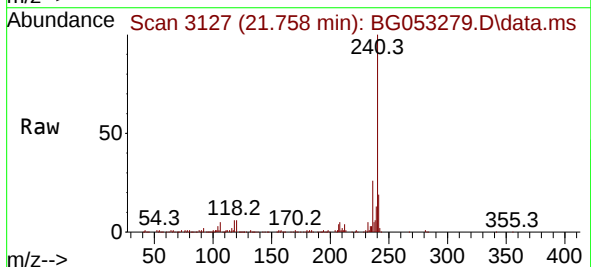
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BNA_G
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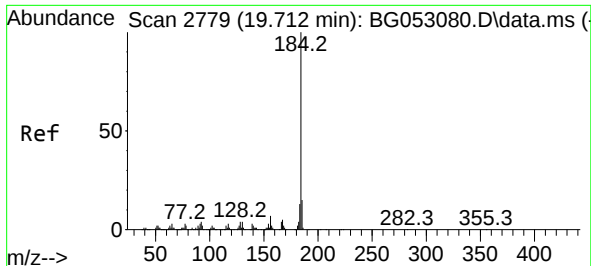
Tgt Ion:248 Resp: 12476
Ion Ratio Lower Upper
248 100
250 202.7 77.9 116.9#
141 520.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.758 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

Tgt Ion:240 Resp: 229693
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.4 19.8 29.6

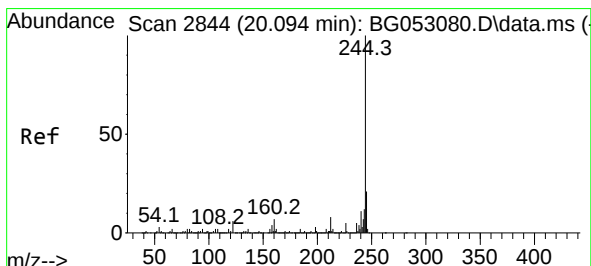
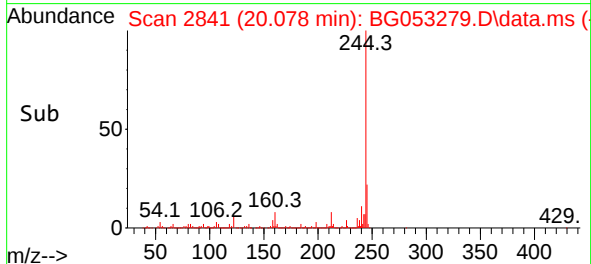
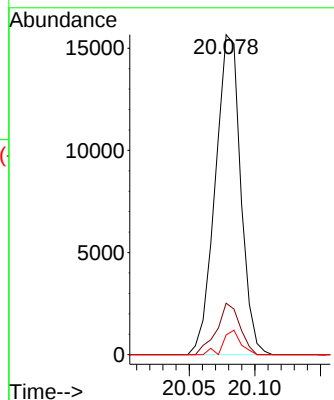
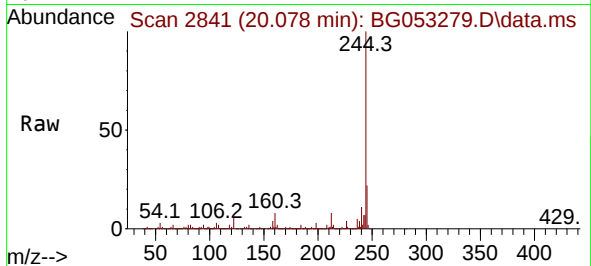




#77
Benzidine
Concen: 3.209 ng
RT: 20.078 min Scan# 2841
Delta R.T. 0.374 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

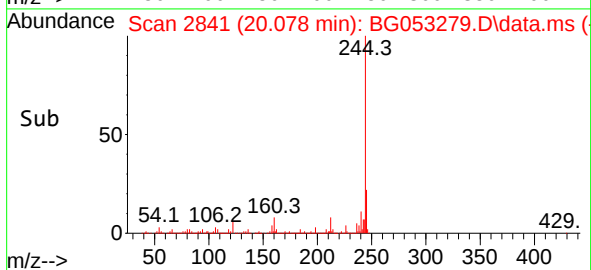
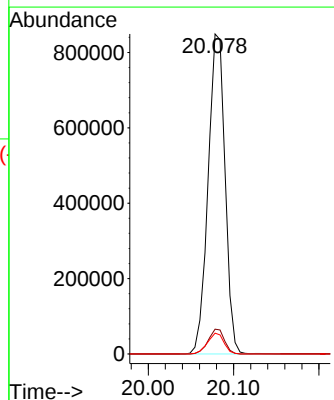
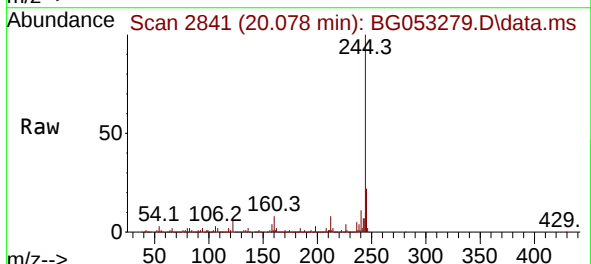
Instrument :
BNA_G
ClientSampleId :
MH-5S

Tgt Ion:184 Resp: 21027
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 6.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 86.315 ng
RT: 20.078 min Scan# 2841
Delta R.T. -0.007 min
Lab File: BG053279.D
Acq: 23 Apr 2022 2:43

Tgt Ion:244 Resp: 1173894
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.054 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BG053279.D
 Acq: 23 Apr 2022 2:43

Instrument :
 BNA_G
 ClientSampleId :
 MH-5S

Tgt Ion:264 Resp: 238963
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 20.9 15.1 22.7

