

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053276.D
 Acq On : 23 Apr 2022 00:47
 Operator : CG/JU
 Sample : N2494-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1D

Quant Time: Apr 24 01:17:15 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)

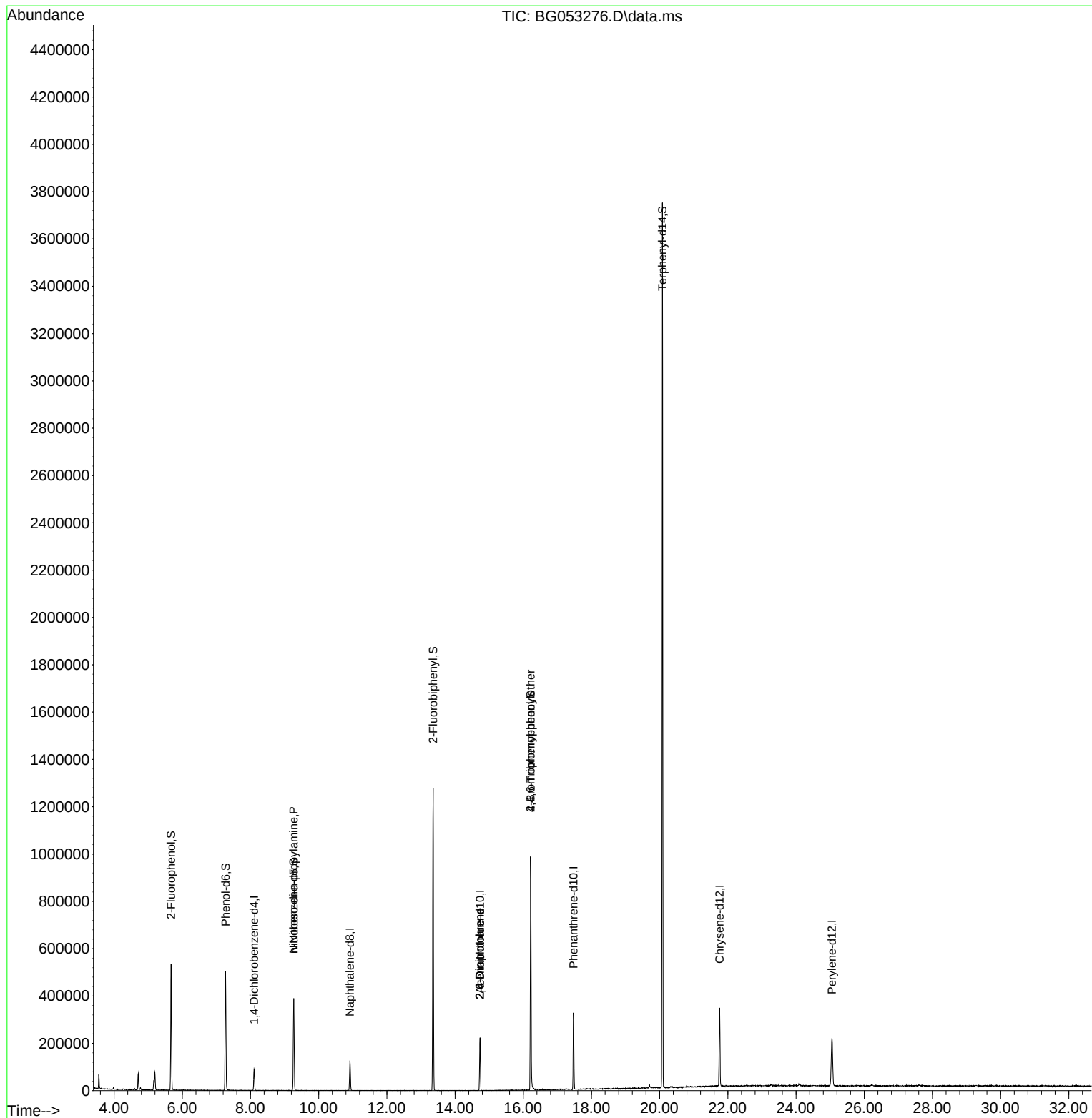
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	24708	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	104565	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	82573	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	207379	20.000	ng	0.00
76) Chrysene-d12	21.757	240	226225	20.000	ng	0.00
86) Perylene-d12	25.053	264	233123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	218819	151.811	ng	0.00
7) Phenol-d6	7.271	99	286600	128.938	ng	0.00
23) Nitrobenzene-d5	9.268	82	249659	96.945	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	210567	160.285	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	682802	114.023	ng	0.00
79) Terphenyl-d14	20.083	244	1832584	136.813	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	35996	22.120	ng	# 71
51) 2,6-Dinitrotoluene	14.726	165	10568	7.670	ng	# 24
57) 2,4-Dinitrotoluene	14.726	165	10568	5.387	ng	# 22
67) 4-Bromophenyl-phenylether	16.218	248	13527	5.091	ng	# 1

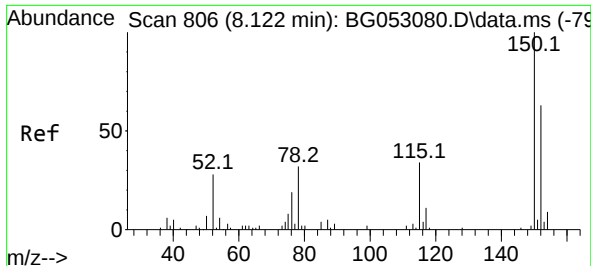
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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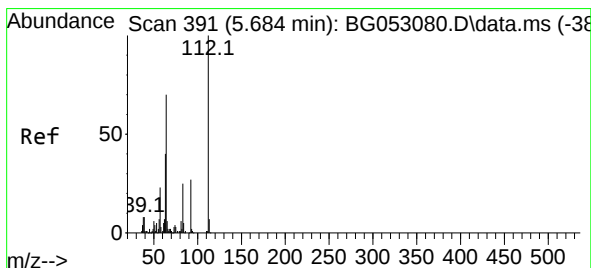
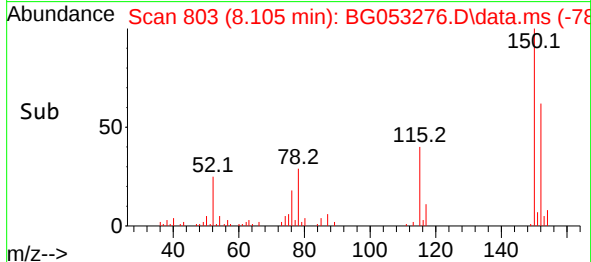
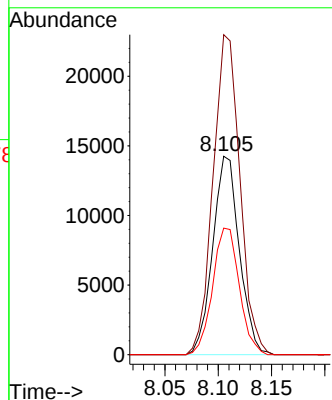
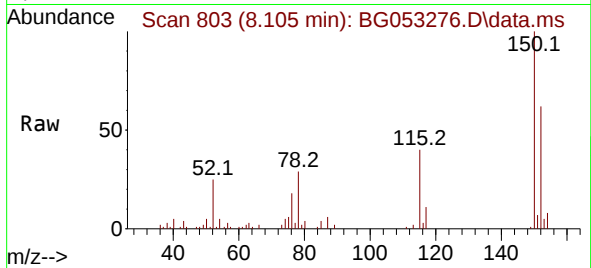




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.105 min Scan# 806
 Delta R.T. -0.008 min
 Lab File: BG053276.D
 Acq: 23 Apr 2022 00:47

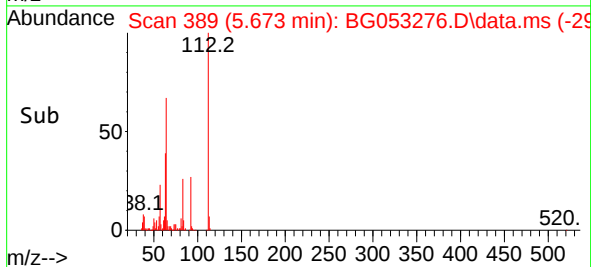
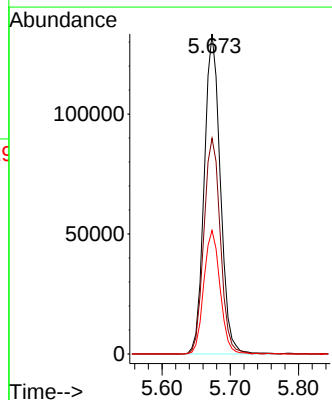
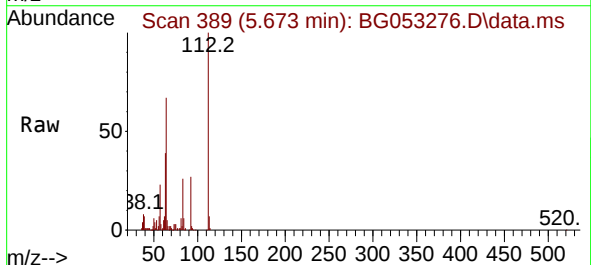
Instrument :
 BNA_G
 ClientSampleId :
 MH-1D

Tgt Ion:152 Resp: 24708
 Ion Ratio Lower Upper
 152 100
 150 161.2 114.6 172.0
 115 63.8 45.9 68.9



#5
 2-Fluorophenol
 Concen: 151.811 ng
 RT: 5.673 min Scan# 389
 Delta R.T. -0.002 min
 Lab File: BG053276.D
 Acq: 23 Apr 2022 00:47

Tgt Ion:112 Resp: 218819
 Ion Ratio Lower Upper
 112 100
 64 67.4 48.0 72.0
 63 38.6 26.5 39.7

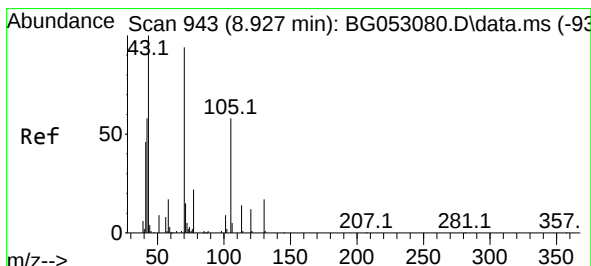
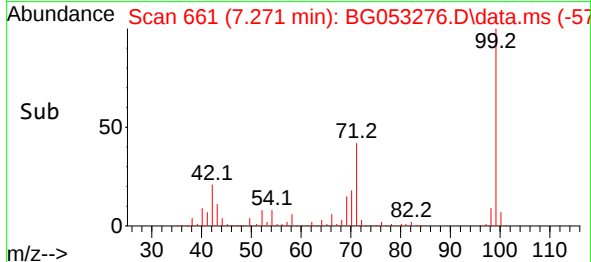
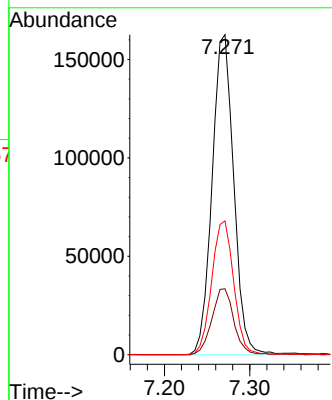
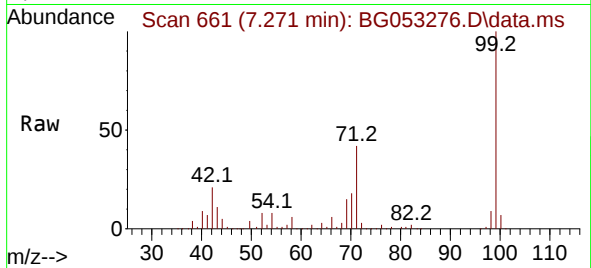




#7
Phenol-d6
Concen: 128.938 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

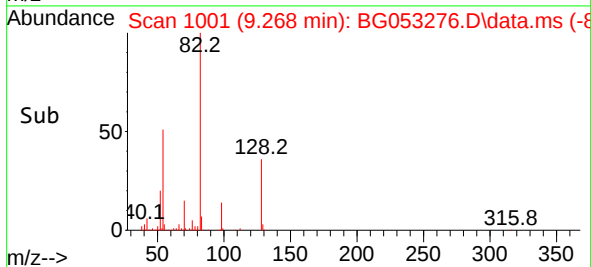
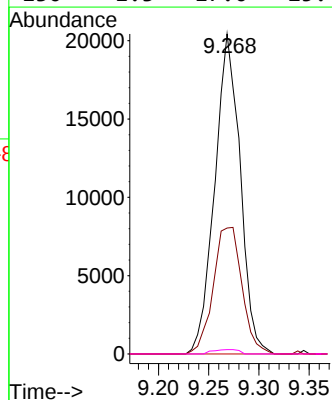
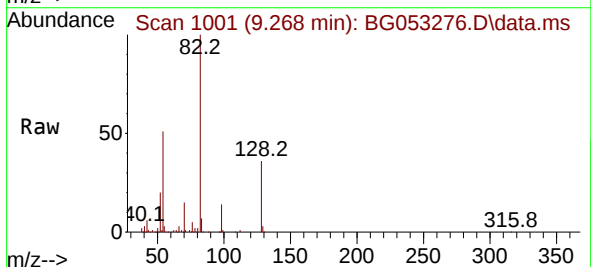
Instrument :
BNA_G
ClientSampleId :
MH-1D

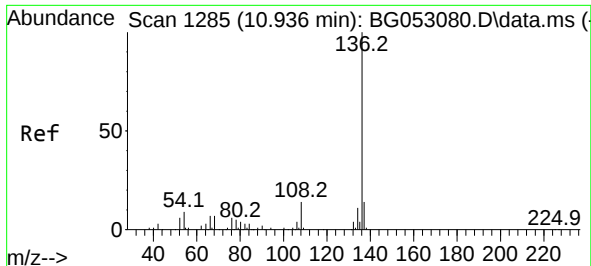
Tgt Ion: 99 Resp: 286600
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 41.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 22.120 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

Tgt Ion: 70 Resp: 35996
Ion Ratio Lower Upper
70 100
42 39.4 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#

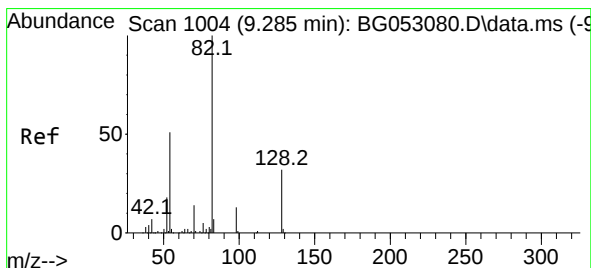
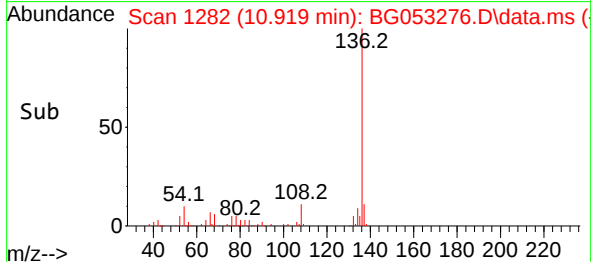
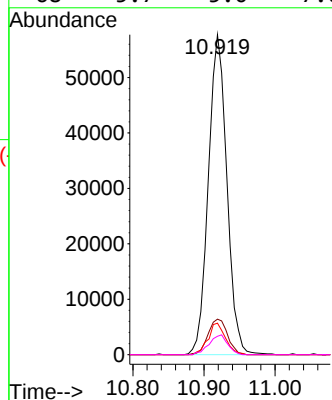
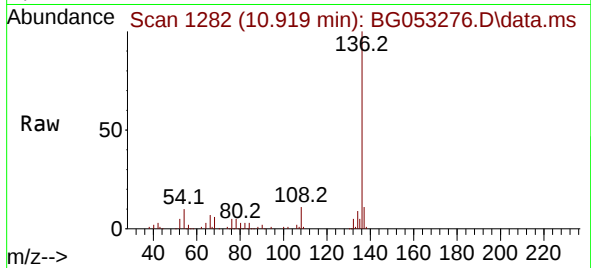




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1001
Delta R.T. -0.002 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

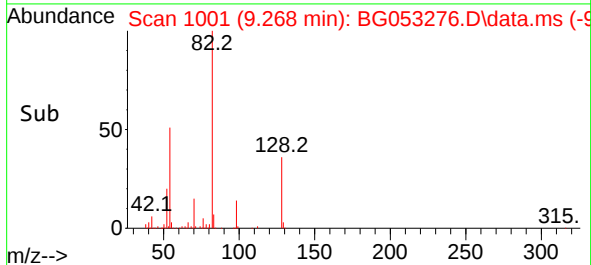
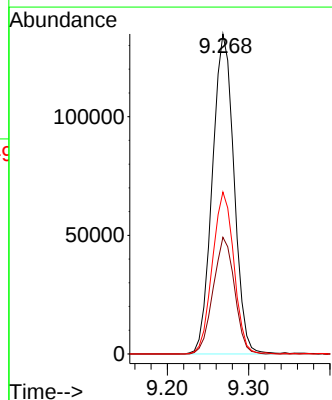
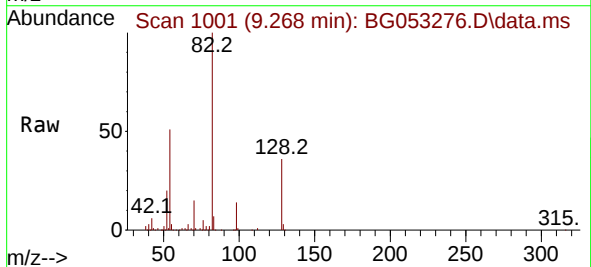
Instrument :
BNA_G
ClientSampleId :
MH-1D

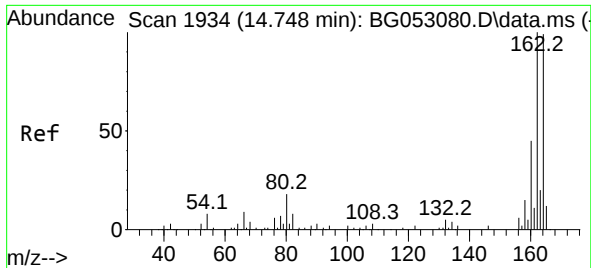
Tgt Ion:136 Resp: 104565
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 9.8 6.4 9.6#
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 96.945 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.008 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

Tgt Ion: 82 Resp: 249659
Ion Ratio Lower Upper
82 100
128 36.4 31.3 46.9
54 50.6 37.8 56.8

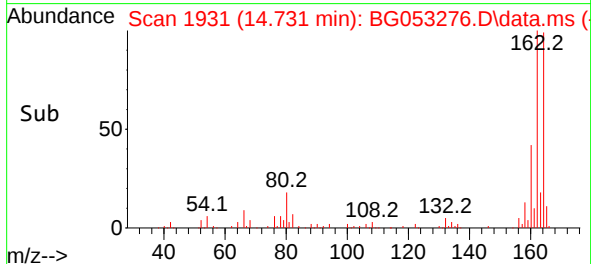
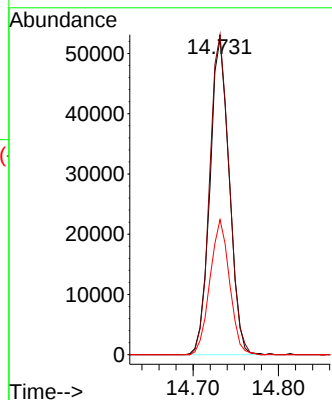
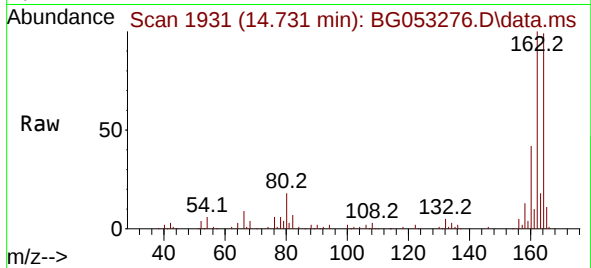




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

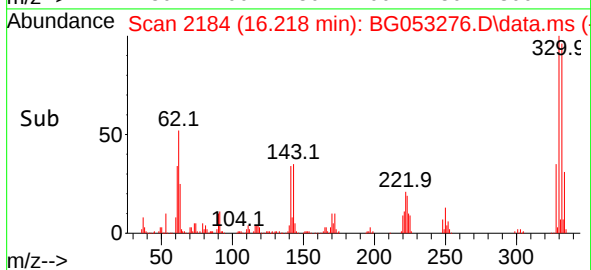
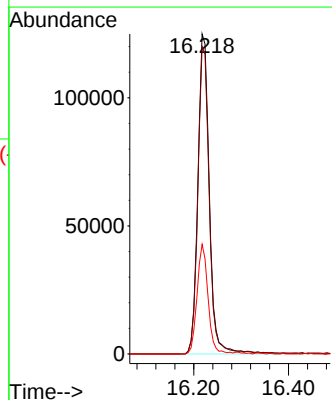
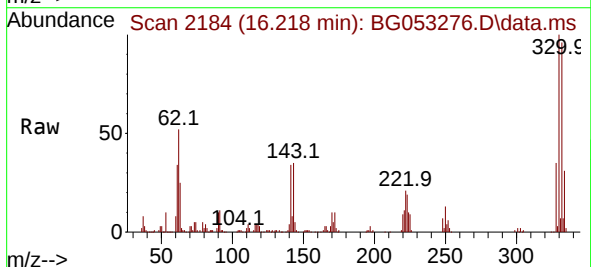
Instrument :
BNA_G
ClientSampleId :
MH-1D

Tgt Ion:164 Resp: 82573
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 42.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 160.285 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

Tgt Ion:330 Resp: 210567
Ion Ratio Lower Upper
330 100
332 94.4 75.8 113.6
141 32.7 24.6 36.8

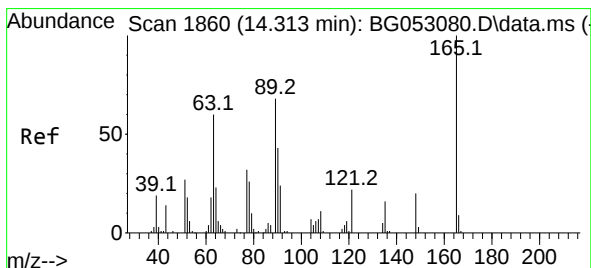
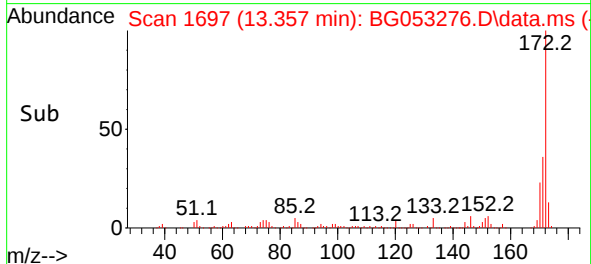
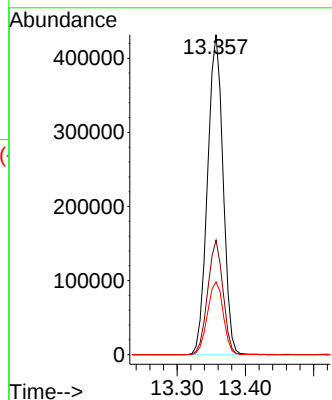
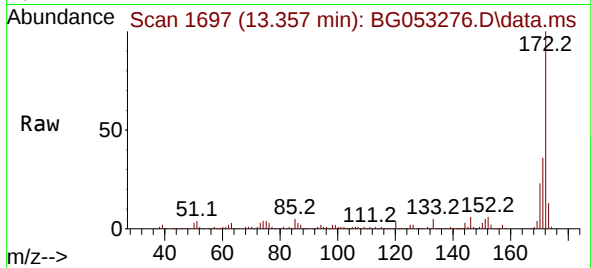




#45
2-Fluorobiphenyl
Concen: 114.023 ng
RT: 13.357 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

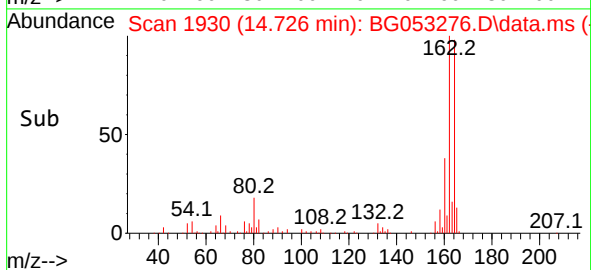
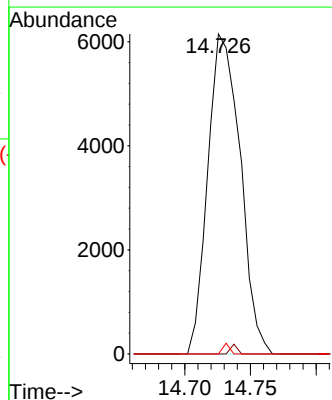
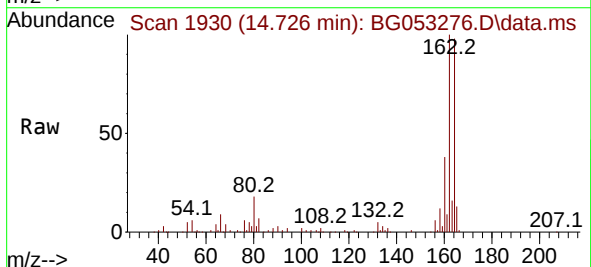
Instrument :
BNA_G
ClientSampleId :
MH-1D

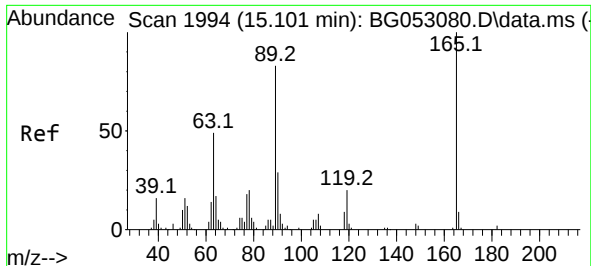
Tgt Ion:172 Resp: 682802
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 22.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.670 ng
RT: 14.726 min Scan# 1930
Delta R.T. 0.421 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

Tgt Ion:165 Resp: 10568
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

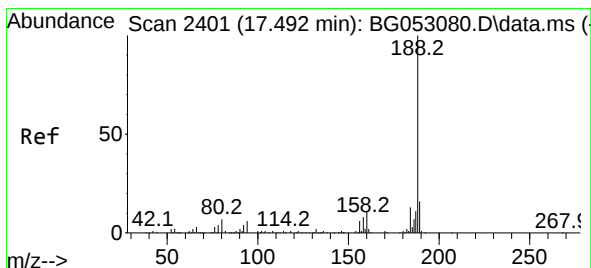
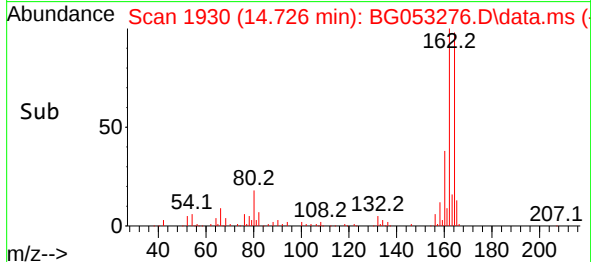
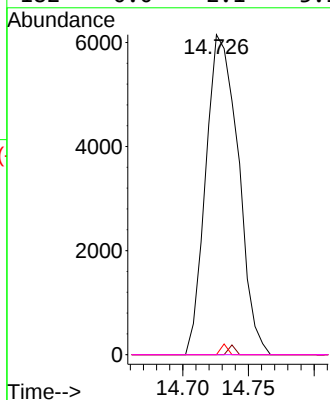
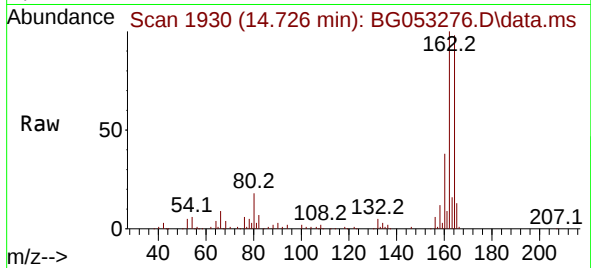




#57
2,4-Dinitrotoluene
Concen: 5.387 ng
RT: 14.726 min Scan# 1994
Delta R.T. -0.367 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

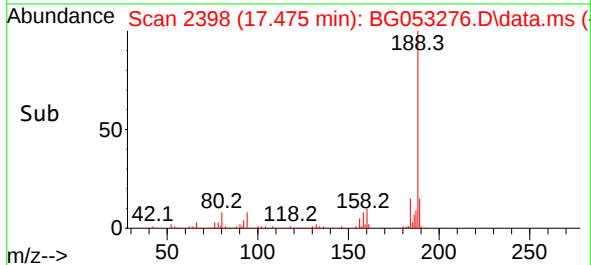
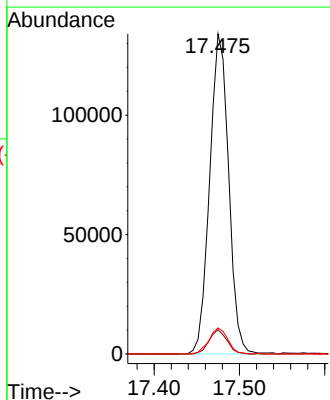
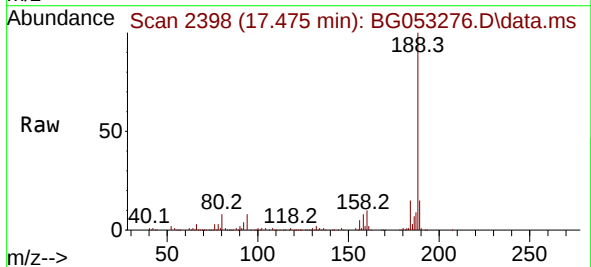
Instrument :
BNA_G
ClientSampleId :
MH-1D

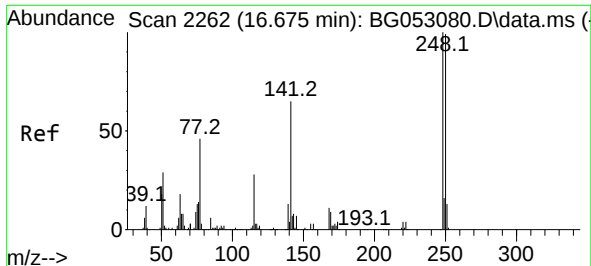
Tgt Ion:165 Resp: 10568
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

Tgt Ion:188 Resp: 207379
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.2 7.2 10.8

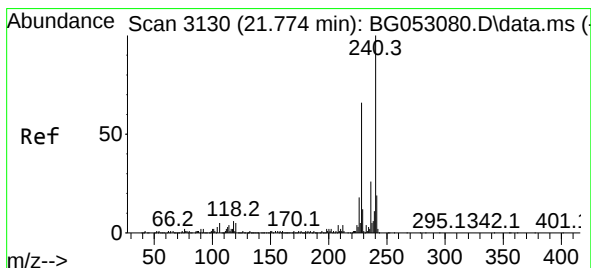
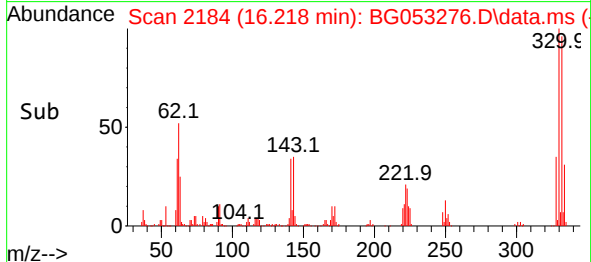
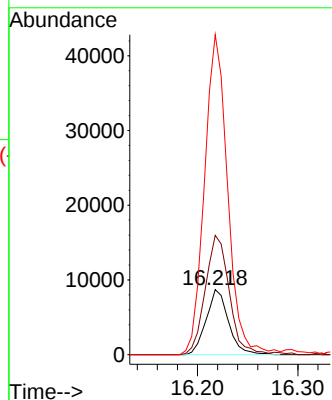
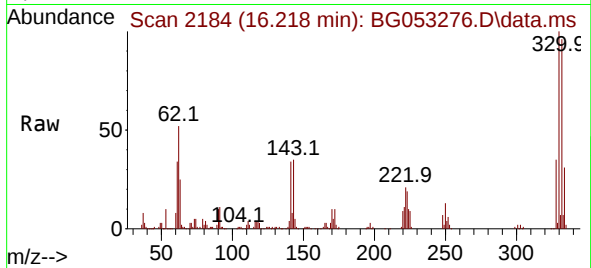




#67
4-Bromophenyl-phenylether
Concen: 5.091 ng
RT: 16.218 min Scan# 2118
Delta R.T. -0.443 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

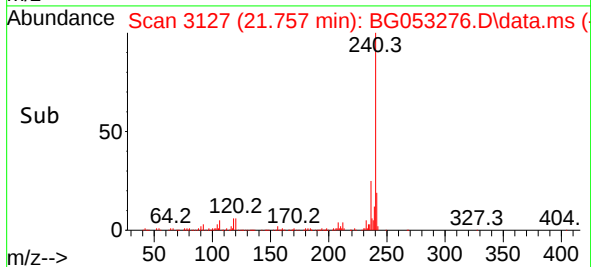
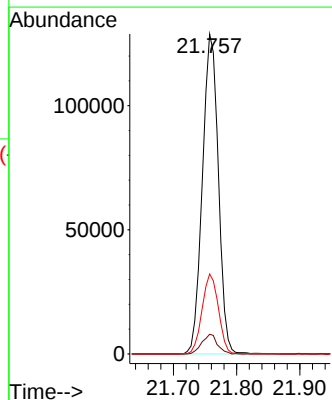
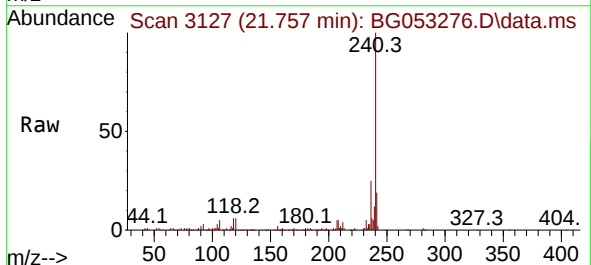
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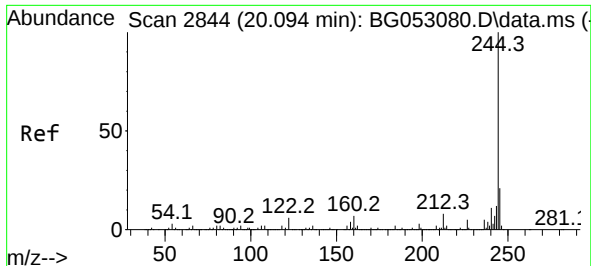
Tgt Ion:248 Resp: 13527
Ion Ratio Lower Upper
248 100
250 183.3 77.9 116.9#
141 491.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BG053276.D
Acq: 23 Apr 2022 00:47

Tgt Ion:240 Resp: 226225
Ion Ratio Lower Upper
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120 6.1 5.4 8.0
236 25.0 19.8 29.6

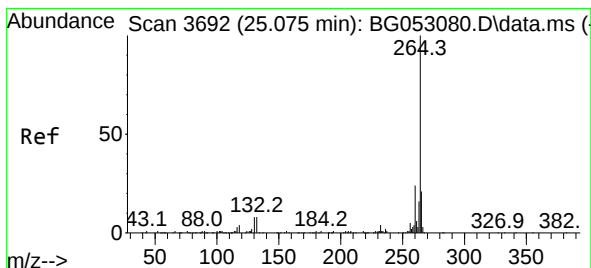
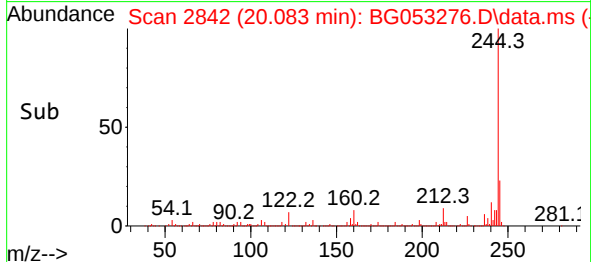
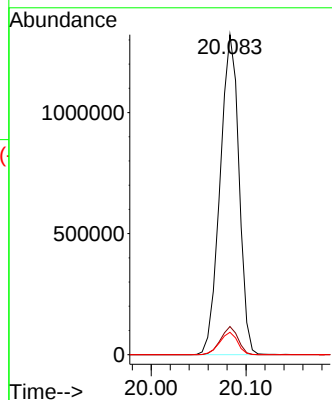
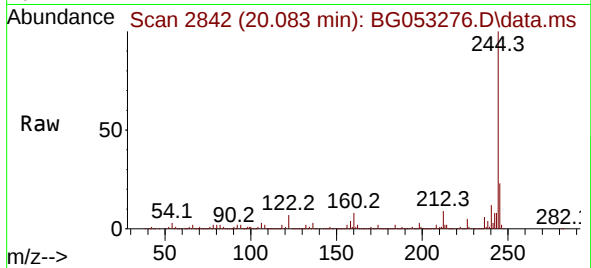




#79
 Terphenyl-d14
 Concen: 136.813 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053276.D
 Acq: 23 Apr 2022 00:47

Instrument :
 BNA_G
 ClientSampleId :
 MH-1D

Tgt Ion:244 Resp: 1832584
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.4 8.2#
 122 7.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.053 min Scan# 3688
 Delta R.T. -0.008 min
 Lab File: BG053276.D
 Acq: 23 Apr 2022 00:47

Tgt Ion:264 Resp: 233123
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.2 27.2
 265 21.5 15.1 22.7

